```
'841/'659 method: using Thr1 and Thr2
Pixels c, f: use Diff equation from Q15J28 at 4.5.6.1 and 4.5.6.2
Generated using FiltScript2.m and TestFilt2.m, 01-Aug-2024
Block 1:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:60 S11:45 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:48 S11:47 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:49 S01:48 S11:32 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:70 S01:60 S11:60 S02:24 S12:36 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:39 S01:24 S11:36 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:12 S11:18 S02:24 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:36 S01:24 S11:31 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  2  0  2  1  3  1
Diff_de:           0  1  1  0  1  0 -1  0
Diff_c:            0  0  0  0  0  1  0  1
Diff_f:            1  0  0  0  0  0 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  0  2  2  2  0
# Filtered pixels: 4  3  3  2  2  3  3  2
# Filtered P pix:  1  0  0  0  0  0  1  0
# Filtered Q pix:  1  1  1  0  0  1  0  0
FirstOffset:       0  1  0  0  1 -1 -1  0
SecondOffset:      0 -1 -1 -1 -1  0  0  1
ThirdOffset:       0 -1  0 -1 -1  0  0  1
FirstOffsetClip:   0  1  0  0  1 -1 -1  0
SecondOffsetClip:  0 -1 -1 -1 -1  0  0  1
ThirdOffsetClip:   0 -1  0 -1 -1  0  0  1

Block 2:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:18 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:52 S01:24 S11:16 S02:24 S12:16 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:3 S0:26 S01:36 S11:24 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:12 S11:18 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:49 S01:24 S11:36 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:16 S01:0 S11:0 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:36 S11:24 S02:12 S12:73 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:47 S01:12 S11:8 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  2  1  3  1  2
Diff_de:           1  1  0 -1  0  1  0 -1
Diff_c:            0  0  1  0 -1  0 -1  0
Diff_f:            0  0  1  0  0  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  0  3  2  3
# Filtered pixels: 4  2  2  4  2  3  3  4
# Filtered P pix:  1  0  0  1  0  1  0  1
# Filtered Q pix:  1  0  0  1  0  0  1  1
FirstOffset:       1  1  0 -1  0  1 -1 -1
SecondOffset:      0  0  1  0 -1  1 -1  0
ThirdOffset:      -1 -1  1  0 -1  0  0  1
FirstOffsetClip:   1  1  0 -1  0  1 -1 -1
SecondOffsetClip:  0  0  1  0 -1  1 -1  0
ThirdOffsetClip:  -1 -1  1  0 -1  0  0  1

Block 3:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:48 S11:52 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:24 S11:16 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:0 S11:52 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:8 S01:12 S11:18 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:16 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:24 S11:16 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  4  0  4  3  1  1
Diff_de:           1  1 -1  0 -1 -1  0  0
Diff_c:            0  1 -1  0 -1 -1  1 -1
Diff_f:            1  0  1  0  1  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  4  4  0  0  3  1
# Filtered pixels: 2  3  4  4  4  4  4  4
# Filtered P pix:  0  1  1  1  1  1  1  1
```

```
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:       0  1 -1 -1  0  0 -1  0
SecondOffset:     -1  1 -1 -1  0  0  0 -1
ThirdOffset:       1  0  1  1  0  0  1  0
FirstOffsetClip:   0  1 -1 -1  0  0 -1  0
SecondOffsetClip: -1  1 -1 -1  0  0  0 -1
ThirdOffsetClip:   1  0  1  1  0  0  1  0

Block 4:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:68 S01:60 S11:50 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:37 S01:60 S11:60 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:12 S11:34 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:24 S01:12 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:24 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:18 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:55 S01:24 S11:29 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:0 S11:39 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  3  4  4  3  2  0
Diff_de:          -2  1  1  1  1 -1 -1  0
Diff_c:            1 -1  0  1 -1  0  0  0
Diff_f:            0  0 -1 -1  1  1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  4  2  3  2  0
# Filtered pixels: 3  3  4  4  4  4  4  4
# Filtered P pix:  0  0  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -2  1  1  1  1 -1 -1  0
SecondOffset:      0 -1  0  1  0  0  0  0
ThirdOffset:       1  0 -1 -1  0  1  0  0
FirstOffsetClip:  -2  1  1  1  1 -1 -1  0
SecondOffsetClip:  0 -1  0  1  0  0  0  0
ThirdOffsetClip:   1  0 -1 -1  0  1  0  0

Block 5:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:18 S02:12 S12:18 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:39 S01:48 S11:42 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:0 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
```

```
ActEdge:3 ClipEdge:2
Row:4 S0:44 S01:12 S11:70 S02:12 S12:60 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:42 S01:12 S11:44 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:37 S01:36 S11:54 S02:24 S12:16 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:57 S01:0 S11:13 S02:24 S12:21 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:12 S11:18 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  2  0  0
Diff_de:           0  0  0  0  1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  0  3  2  3  0
# Filtered pixels: 4  3  4  4  3  2  3  3
# Filtered P pix:  1  0  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  0  0  0  0
FirstOffset:       0 -1  0  0  1 -1 -1  0
SecondOffset:      0  1  0  0  1  0 -1  0
ThirdOffset:       0  1  0  0  0  0  0 -1
FirstOffsetClip:   0 -1  0  0  1 -1 -1  0
SecondOffsetClip:  0  1  0  0  1  0 -1  0
ThirdOffsetClip:   0  1  0  0  0  0  0 -1

Block 6:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:34 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:12 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:57 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:36 S11:34 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:0 S11:52 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:24 S11:21 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:12 S11:21 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:12 S11:8 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  1  3  1  3  3  3
Diff_de:           0  1  0  1  0 -1  1 -1
Diff_c:            0  1  0  1 -1  0  0 -1
Diff_f:            1 -1 -1  0  0  1  1  0
```

```
'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  4  0  3  0  3  2  3
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  1  0  1  0 -1  1 -1
SecondOffset:      0  1  0  1  0  0  0 -1
ThirdOffset:       1 -1  0  0  0  1  0  0
FirstOffsetClip:   0  1  0  1  0 -1  1 -1
SecondOffsetClip:  0  1  0  1  0  0  0 -1
ThirdOffsetClip:   1 -1  0  0  0  1  0  0

Block 7:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:29 S01:0 S11:39 S02:12 S12:18 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:24 S11:16 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:36 S01:60 S11:55 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:21 S01:24 S11:31 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:8 S01:12 S11:34 S02:12 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:37 S01:24 S11:21 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:12 S11:18 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:48 S11:62 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  2  0  0  0  0
Diff_de:          -1  0  0  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  0  2  2  0
# Filtered pixels: 3  2  2  2  2  2  2  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  1  0  1  0  1 -1  0
SecondOffset:     -1  1 -1  0  0  0 -1 -1
ThirdOffset:       1  0 -1  0  0  0  1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 8:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
```

```
Row:1 S0:8 S01:36 S11:34 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:18 S01:0 S11:13 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:60 S11:53 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:72 S11:58 S02:36 S12:44 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:36 S11:34 S02:48 S12:57 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:62 S01:12 S11:31 S02:36 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:12 S11:13 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  1  1  2  1  4  3
Diff_de:           0  0  0  0  0  0 -1  1
Diff_c:            1  0 -1  0  1  0  1 -1
Diff_f:            0  1  0  1  1  1  1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  2  1  3  1  3  3
# Filtered pixels: 4  3  3  3  3  4  4  4
# Filtered P pix:  1  1  0  0  1  1  1  1
# Filtered Q pix:  1  0  1  1  0  1  1  1
FirstOffset:       0  0  1  0  1  0 -1  1
SecondOffset:      1  0 -1 -2  1  0  0  0
ThirdOffset:       0  1  0  1  1  1  1 -1
FirstOffsetClip:   0  0  1  0  1  0 -1  1
SecondOffsetClip:  1  0 -1 -1  1  0  0  0
ThirdOffsetClip:   0  1  0  1  1  1  1 -1

Block 9:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:26 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:48 S11:58 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:12 S11:31 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:24 S11:29 S02:60 S12:65 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:18 S01:36 S11:39 S02:12 S12:13 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:36 S11:37 S02:72 S12:58 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:57 S01:0 S11:39 S02:48 S12:52 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:24 S01:12 S11:18 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0 -1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  0  0  3  2
# Filtered pixels: 2  2  2  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0 -1 -1  0  0  0 -1 -1
SecondOffset:      1  1  0 -1 -1  1 -1  0
ThirdOffset:       0  0  0 -1  0 -2 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 10:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:32 S01:0 S11:26 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:24 S11:49 S02:24 S12:42 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:12 S11:13 S02:36 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:60 S11:45 S02:24 S12:42 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:24 S01:36 S11:24 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:12 S11:47 S02:36 S12:29 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:47 S01:24 S11:21 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  3  3  4  1  4
Diff_de:           2  0  1 -1  1  1  0  1
Diff_c:            0  1  1  0  0 -1  0 -1
Diff_f:            0  0  0 -1  1 -1 -1  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  4  2  2  3  3  2
# Filtered pixels: 4  4  4  3  3  3  3  4
# Filtered P pix:  1  1  1  1  0  0  1  1
# Filtered Q pix:  1  1  1  0  1  1  0  1
FirstOffset:       2  0  1 -1  1  1  1  1
SecondOffset:      1  1  1  0 -1  0  1  0
ThirdOffset:      -1 -1 -1  0  0 -1 -1  0
FirstOffsetClip:   2  0  1 -1  1  1  1  1
```

```
SecondOffsetClip:  1  1  1  0 -1  0  1  0
ThirdOffsetClip:  -1 -1 -1  0  0 -1 -1  0

Block 11:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:54 S01:36 S11:39 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:48 S11:52 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:36 S11:39 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:12 S11:34 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:45 S01:12 S11:57 S02:24 S12:16 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:0 S01:36 S11:49 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:52 S01:12 S11:31 S02:60 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:39 S01:48 S11:42 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  2  2  0  2  2
Diff_de:           0  1  0  1  1  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  3  0  2  3
# Filtered pixels: 3  3  3  4  3  2  3  3
# Filtered P pix:  0  0  0  1  1  0  1  0
# Filtered Q pix:  1  1  1  1  0  0  0  1
FirstOffset:       0  1  0  1  2  0 -1 -1
SecondOffset:     -1 -1 -1  0  1  1  0 -2
ThirdOffset:       0  0  0 -1 -1 -1  2  1
FirstOffsetClip:   0  1  0  1  1  0 -1 -1
SecondOffsetClip: -1 -1 -1  0  1  1  0 -1
ThirdOffsetClip:   0  0  0 -1 -1 -1  1  1

Block 12:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:53 S01:12 S11:73 S02:60 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:39 S01:60 S11:70 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:12 S11:60 S02:24 S12:21 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:0 S11:26 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:8 S01:36 S11:39 S02:48 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:8 S01:0 S11:0 S02:36 S12:34 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:18 S01:24 S11:42 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:48 S11:42 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  0  0  0
Diff_de:          -1  1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  0  0  0  0
# Filtered pixels: 2  3  2  3  2  3  2  2
# Filtered P pix:  0  0  0  1  0  1  0  0
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:      -2  1  0  0  0  0  0  0
SecondOffset:     -1 -1  0  0 -1  0  1 -1
ThirdOffset:       0 -1  1  1  1 -1  1  0
FirstOffsetClip:  -1  1  0  0  0  0  0  0
SecondOffsetClip: -1 -1  0  0 -1  0  1 -1
ThirdOffsetClip:   0 -1  1  1  1 -1  1  0

Block 13:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:34 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:16 S01:36 S11:50 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:58 S01:12 S11:60 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:45 S01:12 S11:57 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:26 S01:36 S11:44 S02:24 S12:36 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:0 S11:13 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:65 S01:0 S11:0 S02:24 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:44 S01:60 S11:50 S02:0 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  4  2  2  2  0  3  2
Diff_de:           0  1  1 -2  0  0 -1 -1
Diff_c:            0 -1  0  0  1  0  0  0
Diff_f:            0 -1  0  0  1  0 -1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  4  4  1  0  3  0
# Filtered pixels: 4  3  4  4  3  3  4  3
# Filtered P pix:  1  0  1  1  0  1  1  0
```

```
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0  1  2 -2  0  0 -1  0
SecondOffset:      0  0  1 -1  1  0 -1  1
ThirdOffset:       0 -1 -1  1  1 -1  0  0
FirstOffsetClip:   0  1  2 -2  0  0 -1  0
SecondOffsetClip:  0  0  1 -1  1  0 -1  1
ThirdOffsetClip:   0 -1 -1  1  1 -1  0  0

Block 14:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:37 S02:24 S12:42 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:50 S01:48 S11:37 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:18 S01:12 S11:47 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:36 S11:44 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:36 S11:37 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:18 S01:48 S11:32 S02:24 S12:55 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:65 S01:60 S11:65 S02:24 S12:26 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:16 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  1  2  3  1  2  2
Diff_de:          -1 -1  0 -1 -1  0 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:           -1  0 -1  0  1  1  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  0  2  3
# Filtered pixels: 2  2  3  2  2  2  2  3
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0 -2  0 -1 -1  0 -1  1
SecondOffset:     -1  0  0  0 -1 -1  1  0
ThirdOffset:      -1  0 -1 -1  1  1  1 -1
FirstOffsetClip:   0 -1  0 -1 -1  0 -1  1
SecondOffsetClip: -1  0  0  0 -1 -1  1  0
ThirdOffsetClip:  -1  0 -1 -1  1  1  1 -1

Block 15:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:8 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:52 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:36 S11:37 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:0 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:47 S01:24 S11:29 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:24 S11:29 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  4  2  1  0  4  3  1
Diff_de:           0 -1  0  0  0 -1  1  0
Diff_c:            0 -1  1  0  0 -1  0  1
Diff_f:            0 -1  1 -1  0  1 -1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  1  0  3  3  1
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0 -1  0  0  0 -1  1  0
SecondOffset:      0 -1  1  0  0 -1  0  1
ThirdOffset:       0  0  1 -1  0  0 -1  0
FirstOffsetClip:   0 -1  0  0  0 -1  1  0
SecondOffsetClip:  0 -1  1  0  0 -1  0  1
ThirdOffsetClip:   0  0  1 -1  0  0 -1  0

Block 16:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:44 S01:36 S11:34 S02:72 S12:63 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:12 S11:34 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:36 S11:50 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:32 S01:60 S11:65 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:55 S01:24 S11:26 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:57 S01:0 S11:13 S02:60 S12:60 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:36 S11:24 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:52 S01:72 S11:63 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  2  0  2
Diff_de:           0  0  0  0 -1 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  3  3  0  3
# Filtered pixels: 2  4  2  2  3  3  3  3
# Filtered P pix:  0  1  0  0  0  1  0  0
# Filtered Q pix:  0  1  0  0  1  0  1  1
FirstOffset:       0  0  0  2 -1 -1  0  1
SecondOffset:      1  0 -1  0 -1 -1  1 -1
ThirdOffset:       2  0 -1  0  1 -1  0 -1
FirstOffsetClip:   0  0  0  1 -1 -1  0  1
SecondOffsetClip:  1  0 -1  0 -1 -1  1 -1
ThirdOffsetClip:   1  0 -1  0  1 -1  0 -1

Block 17:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:44 S01:0 S11:13 S02:24 S12:62 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:47 S01:60 S11:65 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:29 S01:12 S11:8 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:42 S01:12 S11:31 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:24 S11:29 S02:60 S12:53 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:32 S01:12 S11:13 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:0 S11:13 S02:60 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:60 S01:60 S11:50 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  2  0  2  2  0
Diff_de:           1  1  1  1  0 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  0  4  0  2
# Filtered pixels: 3  3  3  3  2  4  3  2
# Filtered P pix:  1  0  1  1  0  1  1  0
# Filtered Q pix:  0  1  0  0  0  1  0  0
FirstOffset:       0  1  1  1  0 -2  0 -1
SecondOffset:      0 -1  0  0  1 -1  0 -2
ThirdOffset:       1  0 -1 -1 -1  1  1 -1
FirstOffsetClip:   0  1  1  1  0 -1  0 -1
SecondOffsetClip:  0 -1  0  0  1 -1  0 -1
ThirdOffsetClip:   1  0 -1 -1 -1  1  1 -1

Block 18:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
```

```
Row:1 S0:42 S01:12 S11:13 S02:24 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:31 S01:12 S11:47 S02:12 S12:47 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:52 S01:36 S11:29 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:0 S01:36 S11:37 S02:36 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:12 S11:13 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:65 S01:48 S11:62 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:53 S01:0 S11:65 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:24 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  0  1  1  0  2  2  2
Diff_de:           1  0  0  0  0 -1 -2  1
Diff_c:            0  0  1  0  0  0  0  0
Diff_f:           -1  0  0  1  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  0  2  2  4  2
# Filtered pixels: 4  4  2  2  3  3  4  4
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  1  1  0  0  0  1  1  1
FirstOffset:       1  0  1  0  1 -1 -2  1
SecondOffset:      0  0  1 -1  0  1 -1  0
ThirdOffset:      -1  0  1  1  1  0  1  0
FirstOffsetClip:   1  0  1  0  1 -1 -1  1
SecondOffsetClip:  0  0  1 -1  0  1 -1  0
ThirdOffsetClip:  -1  0  1  1  1  0  1  0

Block 19:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:18 S01:48 S11:42 S02:24 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:16 S01:0 S11:26 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:12 S11:47 S02:0 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:47 S01:48 S11:42 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:57 S01:60 S11:50 S02:0 S12:0 ActOverall:0 Act1:1 Act2:3 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:29 S01:12 S11:34 S02:36 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:16 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:21 S01:36 S11:37 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  2  0  2  2  2
Diff_de:           0  1  0  1  0  1 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  3  2  3  3
# Filtered pixels: 2  3  3  3  3  2  3  3
# Filtered P pix:  0  1  0  0  0  0  1  0
# Filtered Q pix:  0  0  1  1  1  0  0  1
FirstOffset:       0  1  0  1  1  1 -1  1
SecondOffset:      1  1  0 -1  2  1 -1  1
ThirdOffset:      -1  0  0 -1 -1  0  0 -1
FirstOffsetClip:   0  1  0  1  1  1 -1  1
SecondOffsetClip:  1  1  0 -1  1  1 -1  1
ThirdOffsetClip:  -1  0  0 -1 -1  0  0 -1

Block 20:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:18 S01:24 S11:42 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:60 S01:0 S11:0 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:42 S01:36 S11:34 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:12 S11:13 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:12 S11:8 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:24 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:0 S11:0 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:48 S11:37 S02:24 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  3  4  0  1  0  3
Diff_de:           0 -1 -1  1  0  0  0 -1
Diff_c:           -1  0  0  1  0 -1  0  0
Diff_f:            0  0 -1 -1  0  0  0 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  2  1  0  1  0  1
# Filtered pixels: 3  3  3  4  4  3  4  3
# Filtered P pix:  1  1  0  1  1  1  1  0
# Filtered Q pix:  0  0  1  1  1  0  1  1
FirstOffset:       0 -1 -1  0  0  0  0  0
SecondOffset:     -1 -1 -1  0  0 -1  0  1
ThirdOffset:      -1  2  0 -1  0 -1  0 -1
FirstOffsetClip:   0 -1 -1  0  0  0  0  0
```

```
SecondOffsetClip: -1 -1 -1  0  0 -1  0  1
ThirdOffsetClip:  -1  1  0 -1  0 -1  0 -1

Block 21:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:16 S01:24 S11:21 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:24 S11:26 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:24 S11:16 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:0 S11:0 S02:24 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:26 S01:24 S11:29 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:0 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:8 S01:48 S11:37 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:37 S01:12 S11:13 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  0  0  0  2
# Filtered pixels: 2  2  3  3  3  3  2  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  1  0  1  1  0  0
FirstOffset:       1  0  1  0  0  0  0 -1
SecondOffset:      1  1  0  0  1  1 -1 -1
ThirdOffset:       0  0 -1 -1  0  0  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 22:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:29 S01:0 S11:13 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:60 S01:36 S11:44 S02:12 S12:21 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:21 S01:24 S11:31 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:60 S01:24 S11:26 S02:12 S12:57 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:5 S0:13 S01:24 S11:16 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:52 S01:12 S11:57 S02:24 S12:16 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:49 S01:36 S11:34 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:47 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  0  0  2  0  2
Diff_de:           1  0  1  0  0 -1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  0  2  0  3
# Filtered pixels: 3  3  3  3  2  3  3  4
# Filtered P pix:  1  0  0  0  0  1  0  1
# Filtered Q pix:  0  1  1  1  0  0  1  1
FirstOffset:       1 -1  1  1  0 -1  0 -1
SecondOffset:      1 -1  0  0  1  0  1  0
ThirdOffset:       1  1  0  0 -1  1  0  1
FirstOffsetClip:   1 -1  1  1  0 -1  0 -1
SecondOffsetClip:  1 -1  0  0  1  0  1  0
ThirdOffsetClip:   1  1  0  0 -1  1  0  1

Block 23:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:24 S02:24 S12:36 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:24 S11:29 S02:60 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:73 S01:36 S11:44 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:44 S01:24 S11:16 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:31 S01:24 S11:36 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:8 S01:24 S11:26 S02:36 S12:34 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:48 S11:52 S02:24 S12:42 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:48 S11:45 S02:24 S12:42 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  2  2  1  3  3  3
Diff_de:           0  0 -1  0  0 -1 -1 -1
Diff_c:           -1  1  0  1 -1  1  0  0
Diff_f:           -1  0  0  1  0  0  1  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  0  0  2  2
# Filtered pixels: 2  2  2  2  3  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       0  1 -1  0  0  0 -1 -1
SecondOffset:     -1  1 -1  1 -1  1 -2  1
ThirdOffset:      -1 -2 -1  1  0  1  1  1
FirstOffsetClip:   0  1 -1  0  0  0 -1 -1
SecondOffsetClip: -1  1 -1  1 -1  1 -1  1
ThirdOffsetClip:  -1 -1 -1  1  0  1  1  1

Block 24:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:57 S01:24 S11:36 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:24 S11:29 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:12 S11:8 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:36 S11:39 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:12 S11:18 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:73 S01:48 S11:42 S02:48 S12:47 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  3  1  4  3  4  4  4
Diff_de:          -1 -1  0  1 -1 -1 -1 -2
Diff_c:            1 -1  1  1  0  1 -1 -1
Diff_f:            0  0  0 -1  1  1  1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  2  3  3  4  2
# Filtered pixels: 4  4  4  4  4  4  4  2
# Filtered P pix:  1  1  1  1  1  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:      -1 -1  0  0 -1 -1 -1 -1
SecondOffset:      0 -1  1  1  0  0 -1 -2
ThirdOffset:       1  0  0 -1  1  1  1 -1
FirstOffsetClip:  -1 -1  0  0 -1 -1 -1 -1
SecondOffsetClip:  0 -1  1  1  0  0 -1 -2
ThirdOffsetClip:   1  0  0 -1  1  1  1 -1

Block 25:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:34 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:36 S11:34 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:37 S01:12 S11:13 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:12 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:65 S01:12 S11:18 S02:48 S12:42 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:21 S01:36 S11:44 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:8 S01:24 S11:36 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:12 S11:34 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  3  3  3  2  1  4
Diff_de:           0  0  1  1  1  0  0 -1
Diff_c:            1 -1  0  0  0 -1  1 -1
Diff_f:           -1  1 -1 -1  1  1  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  3  3  3  2  1  3
# Filtered pixels: 4  4  4  4  3  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:       0  1  1  1  1  1  0 -1
SecondOffset:      1  0  0  0  1  0  1 -1
ThirdOffset:       0  0 -1 -1  1  0  0  0
FirstOffsetClip:   0  1  1  1  1  1  0 -1
SecondOffsetClip:  1  0  0  0  1  0  1 -1
ThirdOffsetClip:   0  0 -1 -1  1  0  0  0

Block 26:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:47 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:52 S01:36 S11:24 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:40 S01:36 S11:34 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:21 S01:12 S11:8 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:8 S01:24 S11:21 S02:24 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:53 S01:0 S11:0 S02:0 S12:52 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:57 S01:12 S11:57 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:49 S01:0 S11:0 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  2  0  0
Diff_de:           0 -1  0  0  0 -2  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  3  0  4  3  0
# Filtered pixels: 3  3  2  4  2  4  3  3
# Filtered P pix:  1  0  0  1  0  1  1  1
# Filtered Q pix:  0  1  0  1  0  1  0  0
FirstOffset:       0 -1 -2  1  0 -2  1  0
SecondOffset:      0 -1  0  0  1 -1  1  0
ThirdOffset:      -1  0  1 -1  1  1  0 -1
FirstOffsetClip:   0 -1 -1  1  0 -1  1  0
SecondOffsetClip:  0 -1  0  0  1 -1  1  0
ThirdOffsetClip:  -1  0  1 -1  1  1  0 -1

Block 27:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:37 S01:12 S11:47 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:48 S11:47 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:57 S01:36 S11:49 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:44 S01:24 S11:21 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:70 S01:48 S11:47 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:16 S01:12 S11:13 S02:24 S12:42 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:12 S11:31 S02:24 S12:42 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:12 S11:13 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  2  1  2  4  3  2
Diff_de:          -1  0 -1  0 -1 -1 -1 -1
Diff_c:            0  0  0 -1  0 -1  0  0
Diff_f:            0  0  0  0  0  1 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  2  0  2  3  2  3
# Filtered pixels: 4  2  2  3  2  3  3  4
# Filtered P pix:  1  0  0  0  0  1  1  1
# Filtered Q pix:  1  0  0  1  0  0  0  1
FirstOffset:      -1  0 -1  0 -1 -1 -1 -1
SecondOffset:     -1 -1  0 -1 -2 -1  0  0
ThirdOffset:       1  1  2  0  0  1  0  1
FirstOffsetClip:  -1  0 -1  0 -1 -1 -1 -1
SecondOffsetClip: -1 -1  0 -1 -1 -1  0  0
ThirdOffsetClip:   1  1  1  0  0  1  0  1

Block 28:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:57 S01:24 S11:36 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:52 S01:72 S11:73 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:24 S11:31 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:68 S01:36 S11:37 S02:36 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:44 S01:12 S11:13 S02:48 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:13 S01:48 S11:37 S02:48 S12:37 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:60 S11:45 S02:48 S12:52 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:42 S01:12 S11:31 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  3  4  1  2  2  2
Diff_de:           1  1 -1  2  0  0 -1 -1
Diff_c:           -1  0  1  1  0  1  0  0
Diff_f:            0  0  0  1  1 -1  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  2  0  0  2  2
# Filtered pixels: 4  3  4  2  3  2  2  4
# Filtered P pix:  1  0  1  0  1  0  0  1
# Filtered Q pix:  1  1  1  0  0  0  0  1
FirstOffset:       1  1 -1  2  0  0 -1 -1
SecondOffset:      0  2  0  2  0  1  1  0
ThirdOffset:      -1 -1  1  0  1 -1 -1  0
FirstOffsetClip:   1  1 -1  2  0  0 -1 -1
SecondOffsetClip:  0  1  0  1  0  1  1  0
ThirdOffsetClip:  -1 -1  1  0  1 -1 -1  0

Block 29:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:13 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:24 S11:36 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:12 S11:73 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:24 S11:36 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:24 S11:16 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:60 S01:12 S11:60 S02:48 S12:52 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:55 S01:24 S11:31 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:0 S01:12 S11:18 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  3  4  3  4  1
Diff_de:           0  0  1  1 -1  1 -1  0
Diff_c:            1  1  0 -1 -1  0  1  1
Diff_f:           -1  1  0  0  1  1  1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  2  2  3  0
# Filtered pixels: 4  4  4  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0  0  1  1  0  1 -1  0
SecondOffset:      0  1  0  0 -1  0  0  0
ThirdOffset:       0  1  0  0  1  1  1  0
FirstOffsetClip:   0  0  1  1  0  1 -1  0
SecondOffsetClip:  0  1  0  0 -1  0  0  0
ThirdOffsetClip:   0  1  0  0  1  1  1  0

Block 30:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:50 S01:48 S11:32 S02:24 S12:31 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:65 S01:12 S11:31 S02:60 S12:40 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:45 S01:0 S11:0 S02:36 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:34 S01:24 S11:49 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:24 S11:16 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:57 S01:36 S11:44 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:0 S11:39 S02:36 S12:49 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:24 S11:21 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  3  3  2  0  2  2
Diff_de:          -2 -1 -2 -1  0  0 -1  0
Diff_c:            1  0  0  1 -1  0  0 -1
Diff_f:           -1  0 -1  0  1  0  0 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  3  1  3  3  1
# Filtered pixels: 3  3  3  4  3  3  3  4
# Filtered P pix:  0  1  1  1  1  0  1  1
# Filtered Q pix:  1  0  0  1  0  1  0  1
FirstOffset:      -2 -1 -2 -1  0  1 -1  0
SecondOffset:      0  0 -1  0 -1  1 -1 -1
ThirdOffset:       1  2  0  1  1 -1  0  0
FirstOffsetClip:  -1 -1 -1 -1  0  1 -1  0
```

```
SecondOffsetClip:  0  0 -1  0 -1  1 -1 -1
ThirdOffsetClip:   1  1  0  1  1 -1  0  0

Block 31:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:65 S01:48 S11:52 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:36 S11:44 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:0 S11:0 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:36 S11:39 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:21 S01:36 S11:29 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:12 S11:44 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:31 S01:0 S11:39 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  2  2  0  0  0  0
Diff_de:           0  0  1 -1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  3  0  2  0  0
# Filtered pixels: 2  2  4  3  3  2  4  4
# Filtered P pix:  0  0  1  0  1  0  1  1
# Filtered Q pix:  0  0  1  1  0  0  1  1
FirstOffset:      -1  0  1 -1  0 -1  0  0
SecondOffset:      1 -1  1  0  0 -1  0  0
ThirdOffset:       1 -1 -1  1  1  1  0  0
FirstOffsetClip:  -1  0  1 -1  0 -1  0  0
SecondOffsetClip:  1 -1  1  0  0 -1  0  0
ThirdOffsetClip:   1 -1 -1  1  1  1  0  0

Block 32:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:55 S01:48 S11:47 S02:0 S12:39 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:0 S11:13 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:48 S11:32 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:60 S11:45 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:8 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:31 S01:12 S11:44 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:36 S11:24 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:21 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  2  3  3  1  1  4
Diff_de:           1  0  0  1 -1  0  0 -1
Diff_c:           -1  0  1 -1 -1 -1  1 -1
Diff_f:            0 -1  1  0  0  0  0  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  2  4  0  2  3
# Filtered pixels: 3  3  3  3  4  3  4  3
# Filtered P pix:  0  1  0  0  1  1  1  1
# Filtered Q pix:  1  0  1  1  1  0  1  0
FirstOffset:       1  0  0  1 -1  0 -1 -1
SecondOffset:     -1  0  1 -1 -1  0  0 -1
ThirdOffset:      -1 -1  1  0  1 -1  0  2
FirstOffsetClip:   1  0  0  1 -1  0 -1 -1
SecondOffsetClip: -1  0  1 -1 -1  0  0 -1
ThirdOffsetClip:  -1 -1  1  0  1 -1  0  1

Block 33:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:68 S01:12 S11:57 S02:12 S12:34 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:60 S01:12 S11:21 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:36 S11:24 S02:12 S12:73 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:24 S11:26 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:24 S01:12 S11:21 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:47 S01:12 S11:18 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:36 S01:36 S11:49 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:0 S11:26 S02:36 S12:49 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  2  2  0  2
Diff_de:           0  1  0  0  1 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  2  0  4  2  0  0
# Filtered pixels: 4  3  3  3  4  4  2  3
# Filtered P pix:  1  1  0  0  1  1  0  1
```

```
# Filtered Q pix:  1  0  1  1  1  1  0  0
FirstOffset:       2  1 -1  0  1 -1  0  0
SecondOffset:      1  0  0  1  1  0 -1  0
ThirdOffset:      -1 -1  0  0 -1  0 -1  1
FirstOffsetClip:   1  1 -1  0  1 -1  0  0
SecondOffsetClip:  1  0  0  1  1  0 -1  0
ThirdOffsetClip:  -1 -1  0  0 -1  0 -1  1

Block 34:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:63 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:12 S11:8 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:47 S01:0 S11:13 S02:72 S12:48 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:36 S01:0 S11:26 S02:12 S12:8 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:31 S01:12 S11:8 S02:12 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:37 S01:0 S11:26 S02:24 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:47 S01:0 S11:26 S02:12 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:57 S02:24 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  0  0  2  0  0
Diff_de:           0  1 -1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  0  3  3  2
# Filtered pixels: 2  2  3  3  2  3  3  2
# Filtered P pix:  0  0  1  1  0  1  1  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  1 -1  0  0 -1 -1 -1
SecondOffset:     -1  1 -1  0  0 -1 -1  0
ThirdOffset:       0  0 -1  0  0  0  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 35:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:16 S01:36 S11:37 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:12 S11:47 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:12 S11:21 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:48 S11:42 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:37 S01:12 S11:21 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:34 S01:24 S11:31 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:24 S11:29 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:60 S01:24 S11:26 S02:60 S12:40 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 3  2  4  2  3  3  3  2
Diff_de:          -1  2 -1 -1 -1  1  1  1
Diff_c:            0  0 -1  0  0  1 -1  0
Diff_f:            1  0 -1  0 -1  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  2  2  3  0  2
# Filtered pixels: 3  3  3  2  3  3  3  2
# Filtered P pix:  0  1  1  0  1  0  0  0
# Filtered Q pix:  1  0  0  0  0  1  1  0
FirstOffset:      -1  2 -1 -1 -1  1  0  1
SecondOffset:      0  1 -1  1  0  1 -1  1
ThirdOffset:       1  0  0 -1  0 -1  0  1
FirstOffsetClip:  -1  1 -1 -1 -1  1  0  1
SecondOffsetClip:  0  1 -1  1  0  1 -1  1
ThirdOffsetClip:   1  0  0 -1  0 -1  0  1

Block 36:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:44 S02:48 S12:58 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:36 S11:29 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:48 S11:47 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:12 S11:70 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:12 S11:18 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:8 S01:36 S11:39 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:0 S01:12 S11:21 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  0  0  3  3  0
Diff_de:           0  0  0  0  0  1 -1  0
Diff_c:            0 -1  1  0  0  1 -1  0
Diff_f:            0  1 -1  0  0  0  0  0
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  1  1  0  3  0  0
# Filtered pixels: 3  4  3  3  4  4  2  3
# Filtered P pix:  1  1  0  0  1  1  0  1
# Filtered Q pix:  0  1  1  1  1  1  0  0
FirstOffset:       0  0  0  0  0  1  0  0
SecondOffset:      0  0  1  1  0  1 -1  0
ThirdOffset:      -1  0 -1  1  0  0  1  1
FirstOffsetClip:   0  0  0  0  0  1  0  0
SecondOffsetClip:  0  0  1  1  0  1 -1  0
ThirdOffsetClip:  -1  0 -1  1  0  0  1  1

Block 37:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:39 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:37 S01:12 S11:34 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:44 S01:0 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:0 S11:52 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:60 S11:45 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:0 S11:13 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:24 S01:0 S11:13 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:0 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  0  3  2  2  3  2
Diff_de:           1 -1  0 -1  0  0 -1  1
Diff_c:           -1 -1  0  0  1 -1  0  0
Diff_f:            1  0  0  1  1 -1 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  4  1  3  3  3
# Filtered pixels: 4  4  4  4  3  3  4  4
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       1 -1  0 -1  0 -1 -1  1
SecondOffset:      0 -1  0 -1  1 -1 -1  1
ThirdOffset:       0  0  0  1  1 -1  0  0
FirstOffsetClip:   1 -1  0 -1  0 -1 -1  1
SecondOffsetClip:  0 -1  0 -1  1 -1 -1  1
ThirdOffsetClip:   0  0  0  1  1 -1  0  0

Block 38:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:36 S11:39 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:0 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:36 S11:44 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:57 S01:36 S11:44 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:31 S01:48 S11:42 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:45 S01:0 S11:0 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:7 S0:13 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:24 S11:21 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  1  0  0  0  2  0  1
Diff_de:           0  0  0  0  0  1  0  0
Diff_c:            0 -1  0  0  0  0  0  1
Diff_f:           -1  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  4  0  2
# Filtered pixels: 2  3  2  2  3  4  4  3
# Filtered P pix:  0  0  0  0  0  1  1  0
# Filtered Q pix:  0  1  0  0  1  1  1  1
FirstOffset:       0  0  0  1  0  2  0  1
SecondOffset:     -1 -1 -1  0 -1  1  0  1
ThirdOffset:      -1  0  1 -1  0 -1  0  0
FirstOffsetClip:   0  0  0  1  0  1  0  1
SecondOffsetClip: -1 -1 -1  0 -1  1  0  1
ThirdOffsetClip:  -1  0  1 -1  0 -1  0  0

Block 39:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:36 S11:37 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:12 S11:60 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:36 S11:29 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:55 S01:60 S11:60 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:36 S11:24 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:47 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:40 S01:0 S11:26 S02:36 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  3  1  2  3  0  2
Diff_de:           0  0 -1  0  1 -1  0 -2
Diff_c:            0  0  0  1  0 -1  0  0
Diff_f:            1 -1  1  0  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  4  0  3  3  0  3
# Filtered pixels: 4  3  4  2  3  3  4  3
# Filtered P pix:  1  0  1  0  0  0  1  1
# Filtered Q pix:  1  1  1  0  1  1  1  0
FirstOffset:       0  1 -1  0  1 -1  0 -2
SecondOffset:      0  1 -1  1 -1 -1  0 -1
ThirdOffset:       1 -1  1  1 -1  1  0  0
FirstOffsetClip:   0  1 -1  0  1 -1  0 -1
SecondOffsetClip:  0  1 -1  1 -1 -1  0 -1
ThirdOffsetClip:   1 -1  1  1 -1  1  0  0

Block 40:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:55 S01:48 S11:57 S02:24 S12:42 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:21 S01:12 S11:31 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:36 S01:12 S11:21 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:18 S01:12 S11:21 S02:36 S12:54 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:44 S01:48 S11:52 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:73 S01:24 S11:49 S02:48 S12:52 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:34 S01:12 S11:21 S02:24 S12:62 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  3  0  0  0  2  3
Diff_de:           0  1  1  0  0  0 -1  1
Diff_c:            1  0  0  0  0  0  0  0
Diff_f:            0  0 -1  0  0  0  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  0  0  2  2
# Filtered pixels: 4  2  3  3  3  3  2  3
# Filtered P pix:  1  0  1  1  1  0  0  1
# Filtered Q pix:  1  0  0  0  0  1  0  0
FirstOffset:       0  1  1  0  0  0 -1  1
SecondOffset:      0 -1  1  0  0 -1 -1  0
ThirdOffset:       0 -1 -1  1  1  0 -1  0
FirstOffsetClip:   0  1  1  0  0  0 -1  1
```

```
SecondOffsetClip:  0 -1  1  0  0 -1 -1  0
ThirdOffsetClip:   0 -1 -1  1  1  0 -1  0

Block 41:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:49 S01:36 S11:24 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:37 S01:12 S11:18 S02:24 S12:16 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:18 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:18 S01:48 S11:37 S02:24 S12:36 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:47 S01:0 S11:26 S02:24 S12:16 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:52 S01:36 S11:44 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:24 S11:26 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:65 S01:0 S11:0 S02:12 S12:18 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  0  2  2  0  2
Diff_de:           0 -1  0  0 -1  1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  3  2  0  3
# Filtered pixels: 2  3  3  2  3  3  2  4
# Filtered P pix:  0  1  1  0  1  0  0  1
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       0 -1  0  0 -1  1  0  1
SecondOffset:     -1  0  0 -1 -1  1 -1  1
ThirdOffset:      -1  0  1  1  1  0  1  0
FirstOffsetClip:   0 -1  0  0 -1  1  0  1
SecondOffsetClip: -1  0  0 -1 -1  1 -1  1
ThirdOffsetClip:  -1  0  1  1  1  0  1  0

Block 42:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:60 S01:12 S11:13 S02:0 S12:52 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:13 S01:0 S11:52 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:34 S02:24 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:44 S01:48 S11:32 S02:72 S12:78 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:31 S01:36 S11:34 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:13 S01:24 S11:16 S02:24 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:55 S01:12 S11:18 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:39 S01:36 S11:39 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  0  0  0  1  2  2
Diff_de:           1  0  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0 -1  0  0
Diff_f:            0  1  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  0  0  0  3  3
# Filtered pixels: 4  4  3  2  2  2  4  3
# Filtered P pix:  1  1  1  0  0  0  1  0
# Filtered Q pix:  1  1  0  0  0  0  1  1
FirstOffset:       1  0  0  0  0  0  1 -1
SecondOffset:      0  0  0  1  1 -1  0  0
ThirdOffset:      -1  0  1  2  1 -1 -1  1
FirstOffsetClip:   1  0  0  0  0  0  1 -1
SecondOffsetClip:  0  0  0  1  1 -1  0  0
ThirdOffsetClip:  -1  0  1  1  1 -1 -1  1

Block 43:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:44 S01:12 S11:34 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:47 S01:60 S11:55 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:37 S01:48 S11:47 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:39 S01:24 S11:26 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:65 S01:24 S11:36 S02:48 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:47 S01:36 S11:29 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:16 S01:24 S11:21 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:29 S01:48 S11:52 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  2  0  0  0  0
Diff_de:           1 -1  1  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  2  2  3  2
# Filtered pixels: 2  3  2  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  1  0  0  0  0  1  0
FirstOffset:       0 -1  1  1 -1 -1 -1 -1
SecondOffset:      0  1 -1  0 -1  0  0  1
ThirdOffset:       1  1  0  0 -1  2  1  0
FirstOffsetClip:   0 -1  1  1 -1 -1 -1 -1
SecondOffsetClip:  0  1 -1  0 -1  0  0  1
ThirdOffsetClip:   1  1  0  0 -1  1  1  0

Block 44:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:16 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:65 S01:0 S11:26 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:29 S01:24 S11:29 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:0 S11:26 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:12 S11:34 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:0 S11:13 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:60 S11:65 S02:48 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:12 S11:8 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  4  1  4  3  3  1
Diff_de:           0  1  1  0 -1  1 -1  0
Diff_c:           -1  0  1  0 -1  0  0  0
Diff_f:            1  0  1  1 -1 -1 -1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  4  3  1  2  3  2  2
# Filtered pixels: 4  4  4  4  3  3  2  3
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  0  0  0  0
FirstOffset:       0  1  1  0 -1  1 -1  1
SecondOffset:     -1  1  1  0  0  1  1  0
ThirdOffset:       0 -1  0  1 -1 -2 -1  1
FirstOffsetClip:   0  1  1  0 -1  1 -1  1
SecondOffsetClip: -1  1  1  0  0  1  1  0
ThirdOffsetClip:   0 -1  0  1 -1 -1 -1  1

Block 45:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:39 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:42 S01:12 S11:34 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:16 S01:0 S11:26 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:4
Row:4 S0:24 S01:36 S11:50 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:34 S01:12 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:37 S01:12 S11:47 S02:60 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:52 S01:24 S11:36 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:26 S01:12 S11:21 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  3  3  2  3  3  4  4
Diff_de:           0 -1  1 -1 -1 -1 -1  1
Diff_c:           -2  0  0  0 -1  0 -2  1
Diff_f:            2 -1  1  0  0 -2 -1 -1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  2  3  3  3  0
# Filtered pixels: 4  4  4  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0 -1  1 -1 -1 -1 -1  0
SecondOffset:     -1  0  1  0 -1 -1 -1  0
ThirdOffset:       1  0  0  0  0 -1  0  0
FirstOffsetClip:   0 -1  1 -1 -1 -1 -1  0
SecondOffsetClip: -1  0  1  0 -1 -1 -1  0
ThirdOffsetClip:   1  0  0  0  0 -1  0  0

Block 46:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:49 S01:72 S11:58 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:44 S01:12 S11:18 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:24 S11:16 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:36 S11:29 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:68 S01:36 S11:39 S02:60 S12:40 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:0 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:24 S11:26 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:24 S11:42 S02:36 S12:54 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  1  3  4  1  3  1
Diff_de:           0 -1  0  1  2  0 -1  0
Diff_c:            0  0  0 -1  1  0  1  0
Diff_f:           -1  1  1  0  1  1  0  1
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  1  2  2  1  2  2
# Filtered pixels: 3  3  3  2  2  4  3  3
# Filtered P pix:  0  1  1  0  0  1  1  1
# Filtered Q pix:  1  0  0  0  0  1  0  0
FirstOffset:       0  0  0  1  2  0 -1  1
SecondOffset:     -2  0 -1  0  2  0  0  0
ThirdOffset:      -1  1  1  1  0  1 -1  0
FirstOffsetClip:   0  0  0  1  2  0 -1  1
SecondOffsetClip: -1  0 -1  0  1  0  0  0
ThirdOffsetClip:  -1  1  1  1  0  1 -1  0

Block 47:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:8 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:31 S01:24 S11:31 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:45 S01:36 S11:50 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:24 S11:16 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:50 S01:12 S11:18 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:21 S01:36 S11:24 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:53 S01:60 S11:50 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  0  0  2  0  2
Diff_de:          -1  0 -1  0  0  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  0  2  2  3
# Filtered pixels: 2  2  2  2  3  2  2  3
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:      -1  0 -2  0  0  2  1 -2
SecondOffset:     -1  1  0  1  0  1  0  0
ThirdOffset:       0  1  1  1  0 -1 -1  1
FirstOffsetClip:  -1  0 -1  0  0  1  1 -1
SecondOffsetClip: -1  1  0  1  0  1  0  0
ThirdOffsetClip:   0  1  1  1  0 -1 -1  1

Block 48:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
```

```
Row:1 S0:26 S01:36 S11:24 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:31 S01:0 S11:13 S02:12 S12:13 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:0 S11:0 S02:48 S12:45 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:24 S01:36 S11:37 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:12 S11:8 S02:12 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:48 S11:62 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:45 S01:12 S11:57 S02:12 S12:31 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  0  2  0  0
Diff_de:           0  1  0  1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  2  2  2  2
# Filtered pixels: 2  2  3  3  2  2  2  2
# Filtered P pix:  0  0  1  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  1  0  1  1  1 -1  2
SecondOffset:      1  0  0  1  0  0  1  1
ThirdOffset:       0  0  0  1  0  0  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 49:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:42 S01:0 S11:13 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:45 S01:0 S11:26 S02:72 S12:68 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:36 S01:24 S11:26 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:39 S01:24 S11:16 S02:12 S12:21 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:21 S01:24 S11:21 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:16 S01:24 S11:42 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:12 S11:21 S02:12 S12:60 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:42 S01:24 S11:55 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  0  0  2  0  0  0
Diff_de:          -1 -1  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  3  2  2  0  2
# Filtered pixels: 4  3  3  3  3  2  4  2
# Filtered P pix:  1  1  0  0  0  0  1  0
# Filtered Q pix:  1  0  1  1  1  0  1  0
FirstOffset:      -1 -2  0  1 -1  1  0  1
SecondOffset:     -1 -1  1  1 -1  0  0  0
ThirdOffset:       1 -1  0 -1  0 -1  0  0
FirstOffsetClip:  -1 -1  0  1 -1  1  0  1
SecondOffsetClip: -1 -1  1  1 -1  0  0  0
ThirdOffsetClip:   1 -1  0 -1  0 -1  0  0

Block 50:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:39 S01:48 S11:32 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:31 S01:12 S11:60 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:36 S11:39 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:0 S11:65 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:24 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:12 S11:18 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:36 S11:34 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:39 S01:24 S11:26 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  2  0  4  2  0  2
Diff_de:           1  0 -1  0 -1 -1  0  0
Diff_c:            0  0  0  0 -1  0  0  1
Diff_f:            0  0  0  0  1  0  0 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  4  3  2  2
# Filtered pixels: 2  3  2  4  4  3  2  2
# Filtered P pix:  0  1  0  1  1  1  0  0
# Filtered Q pix:  0  0  0  1  1  0  0  0
FirstOffset:       1  0 -1  0 -1 -1 -1 -1
SecondOffset:     -1  0  0  0 -1 -1  0  0
ThirdOffset:      -1  1 -1  0  1  0  1  0
FirstOffsetClip:   1  0 -1  0 -1 -1 -1 -1
```

```
SecondOffsetClip: -1  0  0  0 -1 -1  0  0
ThirdOffsetClip:  -1  1 -1  0  1  0  1  0

Block 51:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:31 S01:60 S11:45 S02:12 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:12 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:12 S11:18 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:24 S11:26 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:32 S01:24 S11:29 S02:36 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:24 S11:42 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:36 S11:44 S02:36 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  2  3  3  2  2  2
Diff_de:           0 -1  0 -1  1  0  0  0
Diff_c:            0  0 -1  1  0 -1 -1 -1
Diff_f:           -1  1  1  0  1 -1 -1 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  3  1  0  2
# Filtered pixels: 3  4  4  4  3  4  2  4
# Filtered P pix:  0  1  1  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  0  1  0  1
FirstOffset:       0 -1  0 -1  2  0  0  0
SecondOffset:     -1  0  0  0  1 -1 -1 -1
ThirdOffset:       0  1  0  0  0  0 -1 -1
FirstOffsetClip:   0 -1  0 -1  2  0  0  0
SecondOffsetClip: -1  0  0  0  1 -1 -1 -1
ThirdOffsetClip:   0  1  0  0  0  0 -1 -1

Block 52:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:78 S01:48 S11:37 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:29 S01:24 S11:16 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:12 S11:8 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:12 S11:34 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:50 S01:48 S11:42 S02:36 S12:24 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
```

```
Row:6 S0:52 S01:48 S11:37 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:18 S01:36 S11:29 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  0  3  4  1  1  3
Diff_de:           1 -1  0  1 -1  0  0  1
Diff_c:           -1  0  0  0  1 -1 -1  0
Diff_f:           -1 -1  0 -1 -1  0  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  2  2  0  2
# Filtered pixels: 2  4  4  4  2  3  3  3
# Filtered P pix:  0  1  1  1  0  0  0  1
# Filtered Q pix:  0  1  1  1  0  1  1  0
FirstOffset:       1 -1  0  1 -2 -1  0  1
SecondOffset:     -1  0  0  1  0 -2 -1  0
ThirdOffset:      -1  0  0  0  0  0  0 -1
FirstOffsetClip:   1 -1  0  1 -2 -1  0  1
SecondOffsetClip: -1  0  0  1  0 -1 -1  0
ThirdOffsetClip:  -1  0  0  0  0  0  0 -1

Block 53:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:0 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:0 S11:0 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:24 S11:42 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:57 S01:60 S11:60 S02:36 S12:29 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:44 S01:12 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:57 S01:60 S11:40 S02:24 S12:31 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:34 S01:48 S11:58 S02:24 S12:42 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  1  3  1  4  1
Diff_de:          -1  0  1  0  1  0  1  0
Diff_c:            0  1  0  0  0  0  1  1
Diff_f:           -1 -1  0  1  1 -1  1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  2  2  1  2  2
# Filtered pixels: 4  3  4  4  3  4  3  3
# Filtered P pix:  1  1  1  1  0  1  0  0
```

```
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:      -1  0  1  0  1  0  1 -1
SecondOffset:      0  0  1  1  2  0  2  1
ThirdOffset:       0 -1 -1  1  0 -1  0  0
FirstOffsetClip:  -1  0  1  0  1  0  1 -1
SecondOffsetClip:  0  0  1  1  1  0  1  1
ThirdOffsetClip:   0 -1 -1  1  0 -1  0  0

Block 54:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:73 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:12 S11:47 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:0 S11:13 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:53 S01:36 S11:49 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:16 S01:24 S11:21 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:0 S11:26 S02:60 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:57 S01:12 S11:8 S02:48 S12:52 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:13 S01:48 S11:47 S02:60 S12:65 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  2  3  0  2  2
Diff_de:           0  1  0  1  1  0  1  1
Diff_c:            0  0  0  0 -1  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  3  0  3  0
# Filtered pixels: 3  4  4  2  3  3  3  2
# Filtered P pix:  1  1  1  0  0  1  1  0
# Filtered Q pix:  0  1  1  0  1  0  0  0
FirstOffset:       0  1 -1  2  1  0  1  0
SecondOffset:      0  0 -1  0  0  0  1 -1
ThirdOffset:      -1 -1  0  0 -1 -1  1  1
FirstOffsetClip:   0  1 -1  1  1  0  1  0
SecondOffsetClip:  0  0 -1  0  0  0  1 -1
ThirdOffsetClip:  -1 -1  0  0 -1 -1  1  1

Block 55:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:60 S01:36 S11:34 S02:48 S12:45 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:13 S01:12 S11:57 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:55 S01:48 S11:42 S02:0 S12:26 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
```

```
ActEdge:0 ClipEdge:1
Row:4 S0:34 S01:0 S11:13 S02:24 S12:16 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:52 S01:12 S11:57 S02:24 S12:29 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:13 S01:36 S11:49 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:31 S01:12 S11:13 S02:12 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:12 S11:31 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  0
Diff_de:           0  0  0  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  2  0  0  0
# Filtered pixels: 2  2  3  3  2  2  2  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:      -1  0  1  1  1  0  0  0
SecondOffset:      0  0 -1  1  0  1  0  0
ThirdOffset:       2 -1 -1 -1 -1  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 56:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:36 S01:48 S11:37 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:21 S01:36 S11:37 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:26 S01:48 S11:52 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:24 S01:36 S11:39 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:39 S01:24 S11:21 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:57 S01:36 S11:29 S02:12 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:4
Row:7 S0:26 S01:12 S11:34 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:49 S01:36 S11:39 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  2  4  3  3  1  0  1
Diff_de:           0  0 -1  1  1  0  0  0
Diff_c:           -1  1 -2 -1  0  1  0 -1
Diff_f:           -1 -1  1  0 -1  0  0  0
```

```
'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  0  3  3  3  0  2
# Filtered pixels: 3  4  3  4  4  4  4  4
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0 -1  0  1  1 -1  0  0
SecondOffset:     -1  0 -1  0  0  0  0 -1
ThirdOffset:      -1  0  0 -1 -1  1  0 -1
FirstOffsetClip:   0 -1  0  1  1 -1  0  0
SecondOffsetClip: -1  0 -1  0  0  0  0 -1
ThirdOffsetClip:  -1  0  0 -1 -1  1  0 -1

Block 57:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:26 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:26 S01:24 S11:26 S02:24 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:60 S01:72 S11:53 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:31 S01:0 S11:0 S02:36 S12:24 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:52 S01:48 S11:47 S02:12 S12:8 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:21 S01:0 S11:26 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:0 S01:24 S11:29 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:36 S11:29 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:           1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  0  2  4  0  0
# Filtered pixels: 3  2  2  3  2  4  2  2
# Filtered P pix:  0  0  0  1  0  1  0  0
# Filtered Q pix:  1  0  0  0  0  1  0  0
FirstOffset:       1  0 -1  0  1 -1  0  0
SecondOffset:      1 -1  1  0 -1 -1 -1 -1
ThirdOffset:      -1 -1  0 -1 -1  1  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 58:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:0 S11:13 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:29 S01:24 S11:36 S02:24 S12:36 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:12 S11:18 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:16 S01:36 S11:29 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:29 S01:12 S11:8 S02:24 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:8 S01:24 S11:29 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:37 S01:12 S11:47 S02:12 S12:60 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:12 S11:60 S02:24 S12:16 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  2  2  0  2  3
Diff_de:          -1 -1  1 -1  1  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0 -1

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  3  2  2  0  3  3
# Filtered pixels: 4  2  4  3  3  2  4  3
# Filtered P pix:  1  0  1  0  1  0  1  1
# Filtered Q pix:  1  0  1  1  0  0  1  0
FirstOffset:      -1 -1  1 -1  1  0 -1 -1
SecondOffset:     -1  0  1  0  0  1  0 -1
ThirdOffset:       1  0  0  0 -1  1  1  0
FirstOffsetClip:  -1 -1  1 -1  1  0 -1 -1
SecondOffsetClip: -1  0  1  0  0  1  0 -1
ThirdOffsetClip:   1  0  0  0 -1  1  1  0

Block 59:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:24 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:50 S01:24 S11:49 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:24 S11:16 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:0 S11:26 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:24 S11:21 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:24 S11:36 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:36 S11:50 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  4  2  1  2  3  2
Diff_de:           0  0  1  0  0  0 -1  0
Diff_c:            0 -1 -1  1  0  1  1 -1
Diff_f:            1  1  1 -1  1 -1  0 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  0  2  3  2
# Filtered pixels: 4  4  3  4  3  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  0  1  1  1
FirstOffset:       1  0  2  0  0  0 -1  0
SecondOffset:      1 -1  1  1  0  1  0 -1
ThirdOffset:       0  1  0 -1  1 -1  1 -1
FirstOffsetClip:   1  0  2  0  0  0 -1  0
SecondOffsetClip:  1 -1  1  1  0  1  0 -1
ThirdOffsetClip:   0  1  0 -1  1 -1  1 -1

Block 60:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:13 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:60 S11:45 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:29 S01:36 S11:37 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:40 S01:36 S11:44 S02:72 S12:78 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:12 S11:44 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:44 S01:24 S11:26 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:54 S01:12 S11:8 S02:12 S12:31 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:47 S01:24 S11:26 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  0
Diff_de:           0  1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  2  2  0  0  0  2
# Filtered pixels: 4  3  2  2  3  2  4  2
# Filtered P pix:  1  0  0  0  1  0  1  0
# Filtered Q pix:  1  1  0  0  0  0  1  0
FirstOffset:      -1  1  1 -2  0  0  0 -1
SecondOffset:     -1 -1  1  0  0  1  0  0
ThirdOffset:       1 -1  1 -1  1  1  0  1
FirstOffsetClip:  -1  1  1 -1  0  0  0 -1
```

```
SecondOffsetClip: -1 -1  1  0  0  1  0  0
ThirdOffsetClip:   1 -1  1 -1  1  1  0  1

Block 61:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:36 S01:72 S11:48 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:0 S11:26 S02:48 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:36 S11:37 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:60 S11:60 S02:24 S12:49 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:0 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:24 S11:31 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:50 S01:48 S11:57 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  3  1  3  1  2  1  3
Diff_de:           0  1  0 -1  0  0  0 -2
Diff_c:            1  0  1  0  0  1  0  1
Diff_f:           -1 -1  0 -1  1  1 -1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  0  1  0  3
# Filtered pixels: 3  3  3  3  4  3  4  3
# Filtered P pix:  0  1  0  0  1  1  1  0
# Filtered Q pix:  1  0  1  1  1  0  1  1
FirstOffset:       0  1 -1 -1  0  0  0 -2
SecondOffset:      2  1  0  1  0  1  0  0
ThirdOffset:       0 -2  1  0  0  1  0  1
FirstOffsetClip:   0  1 -1 -1  0  0  0 -2
SecondOffsetClip:  1  1  0  1  0  1  0  0
ThirdOffsetClip:   0 -1  1  0  0  1  0  1

Block 62:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:21 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:0 S11:26 S02:60 S12:40 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:16 S01:12 S11:13 S02:48 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:49 S01:24 S11:26 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:16 S01:24 S11:55 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:47 S01:12 S11:18 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:12 S11:18 S02:48 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:52 S01:24 S11:21 S02:24 S12:16 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  2  2  0  2
# Filtered pixels: 2  3  2  2  2  2  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0 -1  0 -1  1  0 -1
SecondOffset:      0  0  0 -1 -1  0  0 -1
ThirdOffset:       1  1 -1 -1  0  0 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 63:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:8 S02:36 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:12 S11:18 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:24 S11:26 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:36 S11:34 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:45 S01:12 S11:31 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:24 S11:26 S02:72 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:72 S11:48 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  0  2  1  0  3  1  0
Diff_de:           0  0  1  0  0 -1  0  0
Diff_c:            0  0  0  1  0  0 -1  0
Diff_f:           -1  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  2  3  3  4  1  0
# Filtered pixels: 4  3  3  4  3  4  3  3
# Filtered P pix:  1  1  1  1  0  1  1  0
```

```
# Filtered Q pix:  1  0  0  1  1  1  0  1
FirstOffset:       0  0  1 -1 -1 -2  0  0
SecondOffset:      0  0  0  0  0 -1 -1  2
ThirdOffset:      -1 -1  1  1  1  1 -2  0
FirstOffsetClip:   0  0  1 -1 -1 -1  0  0
SecondOffsetClip:  0  0  0  0  0 -1 -1  1
ThirdOffsetClip:  -1 -1  1  1  1  1 -1  0

Block 64:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:12 S11:31 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:0 S11:52 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:0 S11:39 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:8 S01:12 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:60 S11:65 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:48 S11:42 S02:24 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:36 S11:39 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  2  2  0  0  2  1
Diff_de:           0  0  1 -1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  1

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  3  0  0  2  0
# Filtered pixels: 4  3  4  4  4  3  2  2
# Filtered P pix:  1  1  1  1  1  0  0  0
# Filtered Q pix:  1  0  1  1  1  1  0  0
FirstOffset:       0  0  1 -1  0  0 -1  0
SecondOffset:      0  0  1 -1  0  1  1  1
ThirdOffset:       0  1  0  0  0  0  0  1
FirstOffsetClip:   0  0  1 -1  0  0 -1  0
SecondOffsetClip:  0  0  1 -1  0  1  1  1
ThirdOffsetClip:   0  1  0  0  0  0  0  1

Block 65:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:34 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:42 S01:48 S11:52 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:24 S11:55 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:37 S01:24 S11:49 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:37 S01:48 S11:47 S02:24 S12:62 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:57 S01:48 S11:52 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:12 S11:31 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  2  2  2  0
# Filtered pixels: 2  3  2  2  2  2  2  4
# Filtered P pix:  0  1  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       1  0 -1  0 -1 -1  1  0
SecondOffset:      1  0  1 -1  0  1 -1  0
ThirdOffset:      -1 -1  0 -1 -1  0 -2  0
FirstOffsetClip:   1  0 -1  0 -1 -1  1  0
SecondOffsetClip:  1  0  1 -1  0  1 -1  0
ThirdOffsetClip:  -1 -1  0 -1 -1  0 -1  0

Block 66:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:44 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:48 S11:42 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:45 S01:12 S11:21 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:40 S01:12 S11:13 S02:36 S12:54 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:24 S11:16 S02:12 S12:57 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:70 S01:12 S11:70 S02:48 S12:57 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:47 S01:36 S11:34 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:60 S01:24 S11:16 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  2  0  0  0  0
Diff_de:           0  1  1  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  0  2  2  2
# Filtered pixels: 3  3  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  1  0  0  0  0  0  0
FirstOffset:       0  1  2  2  0 -1  1  1
SecondOffset:      1  2  1  1  1 -1  0  1
ThirdOffset:       0 -1 -1  0  0 -1 -1  1
FirstOffsetClip:   0  1  1  1  0 -1  1  1
SecondOffsetClip:  1  1  1  1  1 -1  0  1
ThirdOffsetClip:   0 -1 -1  0  0 -1 -1  1

Block 67:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:55 S01:12 S11:21 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:48 S11:58 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:24 S11:36 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:58 S01:0 S11:39 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:53 S01:12 S11:8 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:0 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:26 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  0  3  2  2  4  3
Diff_de:           1  0  0 -1 -2  2  1  1
Diff_c:            0  0  0 -1  0  0  1  1
Diff_f:            0 -1  0  0  0  0 -1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  2  3  3  3  3  3
# Filtered pixels: 3  4  3  3  3  3  3  4
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  0  1  1  0  0  0  0  1
FirstOffset:       1  0  1 -1 -2  2  1  1
SecondOffset:      0  0 -1 -1 -1  1  1  1
ThirdOffset:      -2 -1  0  0  0  0 -1  0
FirstOffsetClip:   1  0  1 -1 -1  1  1  1
SecondOffsetClip:  0  0 -1 -1 -1  1  1  1
ThirdOffsetClip:  -1 -1  0  0  0  0 -1  0

Block 68:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
```

```
Row:1 S0:37 S01:36 S11:29 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:0 S11:39 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:24 S11:31 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:16 S01:48 S11:42 S02:12 S12:57 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:37 S01:12 S11:13 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:8 S01:12 S11:47 S02:24 S12:16 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:39 S01:48 S11:37 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:53 S01:72 S11:68 S02:48 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  2  0  0  0
Diff_de:           0  1  0 -1  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  3  2  3  0  3  2
# Filtered pixels: 2  4  3  3  4  3  3  2
# Filtered P pix:  0  1  0  0  1  1  0  0
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:      -1  1  1 -1  1  0 -1  2
SecondOffset:      0  1  1  1  0  0 -2 -1
ThirdOffset:       1 -1 -1  0 -1  1  1  0
FirstOffsetClip:  -1  1  1 -1  1  0 -1  1
SecondOffsetClip:  0  1  1  1  0  0 -1 -1
ThirdOffsetClip:   1 -1 -1  0 -1  1  1  0

Block 69:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:18 S02:0 S12:0 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:21 S01:24 S11:36 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:0 S11:13 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:36 S11:44 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:12 S11:8 S02:24 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:18 S01:0 S11:13 S02:24 S12:68 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:26 S01:36 S11:44 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:65 S01:24 S11:16 S02:48 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  0  0  0  0  2
Diff_de:          -1  0  1  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  3  2  3  0  0  2
# Filtered pixels: 4  2  3  2  3  3  3  2
# Filtered P pix:  1  0  1  0  1  1  0  0
# Filtered Q pix:  1  0  0  0  0  0  1  0
FirstOffset:      -1 -1  1 -1 -1  0  0  1
SecondOffset:     -1  0  1  0 -1  0 -1  0
ThirdOffset:       1  0  0  0  1 -1  0 -2
FirstOffsetClip:  -1 -1  1 -1 -1  0  0  1
SecondOffsetClip: -1  0  1  0 -1  0 -1  0
ThirdOffsetClip:   1  0  0  0  1 -1  0 -1

Block 70:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:47 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:37 S01:24 S11:36 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:65 S01:0 S11:52 S02:12 S12:60 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:39 S01:12 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:24 S11:21 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:60 S01:48 S11:32 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:24 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  2  3  2  4  2  3
Diff_de:           0  1  1 -1  0 -1  0  1
Diff_c:            1 -1  0  1  1  1 -1  0
Diff_f:            0  0  0  0 -1  1  1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  4  3  2  2  2  2
# Filtered pixels: 3  4  4  4  3  2  4  4
# Filtered P pix:  0  1  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  0  0  1  1
FirstOffset:       0  1  1 -1 -1 -1  0  1
SecondOffset:      1  0  1  0  0  1 -1  0
ThirdOffset:       0 -1 -1  1 -1  2  1  0
FirstOffsetClip:   0  1  1 -1 -1 -1  0  1
```

```
SecondOffsetClip:  1  0  1  0  0  1 -1  0
ThirdOffsetClip:   0 -1 -1  1 -1  2  1  0

Block 71:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:13 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:32 S01:36 S11:24 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:12 S11:13 S02:12 S12:73 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:70 S01:48 S11:42 S02:48 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:31 S01:0 S11:0 S02:12 S12:34 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:26 S01:0 S11:39 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:49 S01:60 S11:60 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:36 S11:29 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  2  0  0
Diff_de:           0  0 -1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  2  0  0  0  0
# Filtered pixels: 3  2  4  2  4  3  2  2
# Filtered P pix:  1  0  1  0  1  1  0  0
# Filtered Q pix:  0  0  1  0  1  0  0  0
FirstOffset:       1  2 -1 -1  0  0  0  0
SecondOffset:      0  0  0 -2  0  0  1 -1
ThirdOffset:      -2  0  1 -1  0 -1  1  1
FirstOffsetClip:   1  1 -1 -1  0  0  0  0
SecondOffsetClip:  0  0  0 -1  0  0  1 -1
ThirdOffsetClip:  -1  0  1 -1  0 -1  1  1

Block 72:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:44 S01:0 S11:26 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:26 S01:12 S11:8 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:36 S11:34 S02:24 S12:36 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:37 S01:12 S11:18 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:31 S01:24 S11:55 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:26 S01:36 S11:34 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:13 S01:60 S11:60 S02:24 S12:36 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:29 S01:24 S11:36 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  2
Diff_de:           0  0  0 -1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  0  0  0  2
# Filtered pixels: 3  2  2  2  2  2  2  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0 -1 -1  0  0  0 -1
SecondOffset:      0  0  0  0  1 -1  1  0
ThirdOffset:       1  0  0  1 -1 -1 -1  1
FirstOffsetClip:   0  0 -1 -1  0  0  0 -1
SecondOffsetClip:  0  0  0  0  1 -1  1  0
ThirdOffsetClip:   1  0  0  1 -1 -1 -1  1

Block 73:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:36 S01:0 S11:26 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:48 S11:32 S02:36 S12:44 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:24 S01:0 S11:78 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:12 S11:13 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:24 S11:26 S02:24 S12:36 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:34 S01:24 S11:21 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:62 S01:48 S11:47 S02:72 S12:58 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:47 S01:12 S11:8 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  3  2  2  4  3  0  2
Diff_de:           0  1  1  1  1  1  0 -1
Diff_c:            0 -1  0  0  1  1  0  0
Diff_f:            0  0  0  0  1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  3  3  0  3
# Filtered pixels: 3  2  4  3  4  3  2  4
# Filtered P pix:  1  0  1  1  1  1  0  1
```

```
# Filtered Q pix:  0  0  1  0  1  0  0  1
FirstOffset:       0  1  1  1  1  1  0 -1
SecondOffset:      0 -1  1  0  1  1 -1  0
ThirdOffset:      -1  0  0  1  0 -2 -2  1
FirstOffsetClip:   0  1  1  1  1  1  0 -1
SecondOffsetClip:  0 -1  1  0  1  1 -1  0
ThirdOffsetClip:  -1  0  0  1  0 -1 -1  1

Block 74:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:47 S02:36 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:42 S01:12 S11:18 S02:48 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:24 S11:49 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:44 S01:24 S11:31 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:0 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:6 S0:18 S01:48 S11:52 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:24 S11:31 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:37 S01:12 S11:34 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  2
Diff_de:           0 -1  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  0  0  3  2
# Filtered pixels: 3  3  3  2  3  2  3  3
# Filtered P pix:  1  1  0  0  0  0  0  1
# Filtered Q pix:  0  0  1  0  1  0  1  0
FirstOffset:       0 -1  1  0  0  0  1 -1
SecondOffset:      0  0  1  1  1  1  1  0
ThirdOffset:      -1 -1 -1  1  0  1 -1  0
FirstOffsetClip:   0 -1  1  0  0  0  1 -1
SecondOffsetClip:  0  0  1  1  1  1  1  0
ThirdOffsetClip:  -1 -1 -1  1  0  1 -1  0

Block 75:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:31 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:36 S11:49 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:0 S11:65 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:44 S01:12 S11:73 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:62 S01:12 S11:57 S02:60 S12:65 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:60 S01:0 S11:52 S02:48 S12:57 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:0 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:12 S11:13 S02:36 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  1  1  0  0  2  2  3
Diff_de:           1  0  0  0  0 -1  1 -1
Diff_c:           -1  0  0  0  0  0  0  0
Diff_f:            0 -1  1  0  0  0  0 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  1  0  0  3  4  0
# Filtered pixels: 3  3  4  4  3  3  4  3
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  0  0  1  0
FirstOffset:       1  0  0  0  0 -1  1  0
SecondOffset:      0 -1  0  0  0 -1  1  0
ThirdOffset:       1  0  1  0  1 -1 -1 -1
FirstOffsetClip:   1  0  0  0  0 -1  1  0
SecondOffsetClip:  0 -1  0  0  0 -1  1  0
ThirdOffsetClip:   1  0  1  0  1 -1 -1 -1

Block 76:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:65 S01:12 S11:60 S02:60 S12:65 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:60 S01:36 S11:29 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:16 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:4 S0:37 S01:12 S11:31 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:65 S01:12 S11:13 S02:36 S12:24 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:18 S01:24 S11:21 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:39 S01:12 S11:13 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:0 S11:0 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  2  2  0  0  2
Diff_de:           1  0 -1  1  1  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  3  2  0  3  4
# Filtered pixels: 3  2  3  4  3  3  4  4
# Filtered P pix:  1  0  0  1  1  0  1  1
# Filtered Q pix:  0  0  1  1  0  1  1  1
FirstOffset:       1  1 -1  1  1  0 -1 -1
SecondOffset:      0  1  0  0  0 -1  0 -1
ThirdOffset:       1  1  0 -1  0  0  1  1
FirstOffsetClip:   1  1 -1  1  1  0 -1 -1
SecondOffsetClip:  0  1  0  0  0 -1  0 -1
ThirdOffsetClip:   1  1  0 -1  0  0  1  1

Block 77:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:37 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:24 S11:31 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:12 S11:31 S02:60 S12:40 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:24 S11:21 S02:60 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:12 S11:34 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:36 S11:39 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:0 S11:39 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:12 S11:31 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  2  1  2  3  1
Diff_de:           0  0  0  0  0  0 -1  0
Diff_c:           -1 -1 -1  1  0 -1  0 -1
Diff_f:            1 -1  1  1  1  1 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  2  3  1  2  3  0
# Filtered pixels: 4  4  3  3  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  0  1  1  0  1
FirstOffset:       1  0  1  1  0  0 -1  0
SecondOffset:      0 -1  0  1  0 -1 -1  0
ThirdOffset:       0  0  1  1  1  1 -1  0
FirstOffsetClip:   1  0  1  1  0  0 -1  0
SecondOffsetClip:  0 -1  0  1  0 -1 -1  0
ThirdOffsetClip:   0  0  1  1  1  1 -1  0

Block 78:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
```

```
Row:1 S0:57 S01:24 S11:29 S02:36 S12:44 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:21 S01:24 S11:29 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:8 S01:48 S11:45 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:24 S11:42 S02:48 S12:62 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:52 S01:24 S11:55 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:55 S01:36 S11:39 S02:12 S12:13 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:21 S01:36 S11:29 S02:12 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:34 S01:12 S11:13 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0 -1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  2  2  2  2
# Filtered pixels: 2  2  3  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:      -1  1  0  0 -1 -1  1  1
SecondOffset:      0  1 -1 -1 -1 -1  0  0
ThirdOffset:       1  0  0 -1  1  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 79:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:65 S01:36 S11:24 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:13 S01:0 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:63 S01:12 S11:18 S02:12 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:4 S0:36 S01:60 S11:65 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:16 S01:12 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:49 S01:12 S11:34 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:24 S11:29 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:13 S01:60 S11:45 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  1  2  0  3  0  3  0
Diff_de:           1  0 -2  0 -1  0  1  0
Diff_c:            0  0  0  0  0  0 -1  0
Diff_f:            0 -1  0  0 -1  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  0  2  0  3  0
# Filtered pixels: 3  4  4  2  3  3  3  2
# Filtered P pix:  0  1  1  0  1  1  0  0
# Filtered Q pix:  1  1  1  0  0  0  1  0
FirstOffset:       1  0 -2  0 -1  0  1  0
SecondOffset:      1  0 -1 -1  0  0  0  1
ThirdOffset:       0  0  1 -1  0  1 -1 -1
FirstOffsetClip:   1  0 -1  0 -1  0  1  0
SecondOffsetClip:  1  0 -1 -1  0  0  0  1
ThirdOffsetClip:   0  0  1 -1  0  1 -1 -1

Block 80:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:44 S02:12 S12:60 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:32 S01:24 S11:31 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:0 S11:26 S02:36 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:0 S11:0 S02:12 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:65 S01:24 S11:16 S02:0 S12:78 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:6 S0:24 S01:0 S11:39 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:48 S11:45 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:24 S11:21 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  4  0  2  2  3  0  3
Diff_de:           0 -1  0  1 -1 -1  0 -1
Diff_c:            0  1  0  0  0  0  0 -1
Diff_f:            0 -1  0  0  0 -1  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  4  3  3  0  3
# Filtered pixels: 3  2  3  4  3  3  2  3
# Filtered P pix:  0  0  1  1  0  1  0  0
# Filtered Q pix:  1  0  0  1  1  0  0  1
FirstOffset:       0 -2  0  1 -1 -1  0 -1
SecondOffset:     -1 -1  0  1 -1 -1  1 -1
ThirdOffset:       0  0  1 -1  1  0 -1  1
FirstOffsetClip:   0 -1  0  1 -1 -1  0 -1
```

```
SecondOffsetClip: -1 -1  0  1 -1 -1  1 -1
ThirdOffsetClip:   0  0  1 -1  1  0 -1  1

Block 81:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:60 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:24 S11:36 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:29 S01:12 S11:31 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:24 S11:36 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:42 S01:24 S11:26 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:34 S01:48 S11:47 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:49 S01:48 S11:52 S02:0 S12:65 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:44 S01:36 S11:39 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  2  0  0
Diff_de:           0  0  1  0  1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  0  2  2  0  0
# Filtered pixels: 3  2  3  3  3  2  3  2
# Filtered P pix:  1  0  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  1  0  1  0
FirstOffset:       1  1  1  0  1 -1  0  0
SecondOffset:      1  0  0 -1  0  1 -1  1
ThirdOffset:       1  0  1  0  0  1  0  1
FirstOffsetClip:   1  1  1  0  1 -1  0  0
SecondOffsetClip:  1  0  0 -1  0  1 -1  1
ThirdOffsetClip:   1  0  1  0  0  1  0  1

Block 82:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:57 S01:0 S11:39 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:48 S11:42 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:26 S01:48 S11:57 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:24 S11:42 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:60 S01:0 S11:65 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:44 S01:48 S11:57 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:31 S01:36 S11:50 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:42 S01:12 S11:13 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  2  0  0  2
Diff_de:           0  1  0  0 -1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  2  3  0  0  3
# Filtered pixels: 4  3  2  2  4  3  2  3
# Filtered P pix:  1  0  0  0  1  0  0  1
# Filtered Q pix:  1  1  0  0  1  1  0  0
FirstOffset:       1  1  0  1 -1  0  0  1
SecondOffset:      1 -1 -1  1 -1  1 -1  1
ThirdOffset:      -1 -1 -1 -1  0  0 -1  0
FirstOffsetClip:   1  1  0  1 -1  0  0  1
SecondOffsetClip:  1 -1 -1  1 -1  1 -1  1
ThirdOffsetClip:  -1 -1 -1 -1  0  0 -1  0

Block 83:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:39 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:2 S0:21 S01:24 S11:29 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:12 S11:8 S02:12 S12:18 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:0 S11:26 S02:60 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:39 S01:0 S11:65 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:21 S01:24 S11:21 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:24 S11:29 S02:12 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:16 S01:12 S11:8 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  0  0  0  2
Diff_de:           1  0  1 -1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  3  3  4  2  0  2
# Filtered pixels: 4  2  4  3  4  2  3  3
# Filtered P pix:  1  0  1  1  1  0  0  1
```

```
# Filtered Q pix:  1  0  1  0  1  0  1  0
FirstOffset:       1 -1  1 -1  1  1  0 -1
SecondOffset:      1 -1  1 -1  1  0  1  0
ThirdOffset:      -1  1  0 -1 -1 -1  0 -1
FirstOffsetClip:   1 -1  1 -1  1  1  0 -1
SecondOffsetClip:  1 -1  1 -1  1  0  1  0
ThirdOffsetClip:  -1  1  0 -1 -1 -1  0 -1

Block 84:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:65 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:24 S11:42 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:58 S01:12 S11:44 S02:36 S12:34 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:13 S01:24 S11:55 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:12 S11:21 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:12 S11:31 S02:12 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:39 S01:12 S11:8 S02:48 S12:62 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:12 S11:18 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  0  0  0  2  2
# Filtered pixels: 3  3  2  3  2  2  2  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  1  0  0  0  0
FirstOffset:       0 -1  2  0  0  0 -1  1
SecondOffset:      0  0  1  1  0  0  0  0
ThirdOffset:      -1  1  0  0  1  0 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 85:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:48 S11:37 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:12 S11:31 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:48 S11:37 S02:36 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:0 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:62 S01:12 S11:70 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:13 S01:60 S11:40 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:32 S01:48 S11:37 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  2  3  3  1  1  3
Diff_de:           0  0 -1  1 -1  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            1  1  0  1  1 -1  1  1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  4  1  1  3
# Filtered pixels: 4  3  4  2  4  4  3  3
# Filtered P pix:  1  0  1  0  1  1  0  0
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:       0  0 -1  1 -1  0  0 -2
SecondOffset:      0 -1  0  2 -1  0  1  0
ThirdOffset:       0  0  0  0  1 -1  1  1
FirstOffsetClip:   0  0 -1  1 -1  0  0 -1
SecondOffsetClip:  0 -1  0  1 -1  0  1  0
ThirdOffsetClip:   0  0  0  0  1 -1  1  1

Block 86:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:39 S02:24 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:55 S01:0 S11:0 S02:12 S12:8 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:34 S01:12 S11:31 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:24 S11:42 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:42 S01:0 S11:13 S02:12 S12:31 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:36 S01:12 S11:44 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:29 S01:24 S11:55 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:45 S01:48 S11:52 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  2  0  2  0
Diff_de:           0 -1  0  1 -1  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  3  4  0  2  2
# Filtered pixels: 3  4  4  3  4  4  3  2
# Filtered P pix:  1  1  1  0  1  1  0  0
# Filtered Q pix:  0  1  1  1  1  1  1  0
FirstOffset:      -1 -1 -1  1 -1  0  1 -2
SecondOffset:     -1 -1  0  1 -1  0  1  0
ThirdOffset:       0  0  1 -1  1  0  0  1
FirstOffsetClip:  -1 -1 -1  1 -1  0  1 -1
SecondOffsetClip: -1 -1  0  1 -1  0  1  0
ThirdOffsetClip:   0  0  1 -1  1  0  0  1

Block 87:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:42 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:24 S01:0 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:65 S01:12 S11:18 S02:72 S12:73 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:24 S11:26 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:47 S01:24 S11:42 S02:24 S12:31 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:18 S01:0 S11:39 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:0 S11:65 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  2  3  2  1  1  1
Diff_de:           0  1 -1 -1  0  0  0  0
Diff_c:           -1  1  0  1  1  0  0  0
Diff_f:           -1  0  0  0 -1 -1 -1  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  3  2  4  1  1  2
# Filtered pixels: 4  4  3  3  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  0  1  1  1  0
FirstOffset:       0  1 -1 -1  1  0  0  1
SecondOffset:     -1  1 -1  0  1  0  0  0
ThirdOffset:      -1 -1 -1  2 -1 -1 -1  0
FirstOffsetClip:   0  1 -1 -1  1  0  0  1
SecondOffsetClip: -1  1 -1  0  1  0  0  0
ThirdOffsetClip:  -1 -1 -1  1 -1 -1 -1  0

Block 88:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:0 S11:0 S02:24 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:29 S01:24 S11:42 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:24 S11:29 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:65 S01:60 S11:65 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:24 S11:42 S02:24 S12:55 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:36 S11:34 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:16 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:60 S11:45 S02:48 S12:62 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 1  3  4  2  2  3  4  2
Diff_de:           0  1 -1  1  0 -1  1  1
Diff_c:            0 -1  1  0  1  1  1  0
Diff_f:            1  0  1  0 -1  0 -1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  3  3  2  2  4  0
# Filtered pixels: 4  4  4  3  4  3  4  2
# Filtered P pix:  1  1  1  0  1  0  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:      -1  1 -1  1  0 -1  1  0
SecondOffset:     -1  0  0 -1  1  0  1 -1
ThirdOffset:       1 -1  1 -1 -1  0 -1  1
FirstOffsetClip:  -1  1 -1  1  0 -1  1  0
SecondOffsetClip: -1  0  0 -1  1  0  1 -1
ThirdOffsetClip:   1 -1  1 -1 -1  0 -1  1

Block 89:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:34 S02:24 S12:36 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:36 S11:24 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:36 S11:37 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:12 S11:44 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:24 S11:16 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:31 S01:0 S11:13 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:47 S01:0 S11:13 S02:24 S12:62 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:48 S11:32 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  1  2  0  3  1  3  2
Diff_de:           1  0  1  0  2  0  1  1
Diff_c:            0 -1  0  0 -1  0  0  0
Diff_f:            1  0  0  0  0 -1  1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  0  3  0  3  2
# Filtered pixels: 3  2  2  4  3  3  3  2
# Filtered P pix:  1  0  0  1  0  1  1  0
# Filtered Q pix:  0  0  0  1  1  0  0  0
FirstOffset:       1  0  1  0  2  0  1  1
SecondOffset:      1 -1  1  0  1  0  1  2
ThirdOffset:       0 -1 -2  0 -1 -1  0  0
FirstOffsetClip:   1  0  1  0  1  0  1  1
SecondOffsetClip:  1 -1  1  0  1  0  1  1
ThirdOffsetClip:   0 -1 -1  0 -1 -1  0  0

Block 90:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:36 S01:12 S11:13 S02:24 S12:21 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:65 S01:24 S11:36 S02:60 S12:45 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:0 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:5 S0:31 S01:48 S11:37 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:24 S01:36 S11:24 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:24 S11:31 S02:24 S12:68 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:37 S01:24 S11:68 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  2  2  0  0
Diff_de:           0  0  0  0 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  0  0  2  2  2
# Filtered pixels: 3  2  2  3  2  2  2  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       1  0  1  0  0 -1  1 -1
SecondOffset:      1  0  0  0 -1  0  0 -1
ThirdOffset:       0 -1 -2  0  0  0  0 -1
FirstOffsetClip:   1  0  1  0  0 -1  1 -1
```

```
SecondOffsetClip:  1  0  0  0 -1  0  0 -1
ThirdOffsetClip:   0 -1 -1  0  0  0  0 -1

Block 91:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:26 S02:24 S12:16 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:68 S01:24 S11:26 S02:0 S12:39 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:55 S01:12 S11:34 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:48 S11:52 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:42 S01:48 S11:42 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:24 S01:24 S11:29 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:36 S11:29 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:44 S01:36 S11:24 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  2  2  0  0  0
Diff_de:          -1  0 -1 -1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  3  3  2  2  0
# Filtered pixels: 3  3  3  3  3  2  2  2
# Filtered P pix:  1  0  1  0  0  0  0  0
# Filtered Q pix:  0  1  0  1  1  0  0  0
FirstOffset:      -1  2 -1 -1 -1 -1 -1  0
SecondOffset:     -1  2 -1  1  1  0  0  1
ThirdOffset:       0 -1 -1  1  1  0 -1  1
FirstOffsetClip:  -1  1 -1 -1 -1 -1 -1  0
SecondOffsetClip: -1  1 -1  1  1  0  0  1
ThirdOffsetClip:   0 -1 -1  1  1  0 -1  1

Block 92:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:50 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:24 S11:29 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:36 S01:48 S11:52 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:73 S01:12 S11:18 S02:48 S12:37 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:0 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:29 S01:24 S11:16 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:12 S11:18 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:36 S11:24 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  1  3  4  4  4  1
Diff_de:           0 -1  0  1 -1  1 -1  0
Diff_c:           -1 -1 -1  0 -1  1 -1  1
Diff_f:            1  1  0 -1  1 -1 -1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  4  4  3  1
# Filtered pixels: 4  4  3  3  4  4  3  4
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  0  1  1  0  1
FirstOffset:       0  0  0  1 -1  1 -1  0
SecondOffset:     -1 -1 -1  0 -1  1 -1  1
ThirdOffset:       1  1  0 -2  1 -1 -1  0
FirstOffsetClip:   0  0  0  1 -1  1 -1  0
SecondOffsetClip: -1 -1 -1  0 -1  1 -1  1
ThirdOffsetClip:   1  1  0 -1  1 -1 -1  0

Block 93:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:31 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:12 S11:34 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:36 S11:50 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:36 S11:44 S02:12 S12:34 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:12 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:24 S01:24 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:12 S11:8 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:26 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  3  0  1  3  3  3
Diff_de:           0  1 -1  0  0  1 -1 -1
Diff_c:            1  0  0  0  1  1 -1  1
Diff_f:            0  0  1  0  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  4  3  0  0  3  3  3
# Filtered pixels: 4  4  3  3  3  3  4  4
# Filtered P pix:  1  1  0  0  1  1  1  1
```

```
# Filtered Q pix:  1  1  1  1  0  0  1  1
FirstOffset:       0  1 -1  0  0  1 -1 -1
SecondOffset:      1  1  0 -1  0  1 -1  0
ThirdOffset:       0 -1  1  0 -1 -1  0  1
FirstOffsetClip:   0  1 -1  0  0  1 -1 -1
SecondOffsetClip:  1  1  0 -1  0  1 -1  0
ThirdOffsetClip:   0 -1  1  0 -1 -1  0  1

Block 94:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:55 S01:12 S11:8 S02:36 S12:24 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:24 S01:0 S11:39 S02:48 S12:58 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:24 S11:36 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:44 S01:24 S11:29 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:12 S11:21 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:24 S11:42 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:0 S01:0 S11:52 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  4  1  3  1  1  1
Diff_de:          -1  1  1  0  1  0  0  0
Diff_c:            0  0 -1  1  1  0  0  0
Diff_f:           -1  0 -1  0  0  1  1 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  1  3  2  2  0
# Filtered pixels: 3  3  3  4  3  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  0  0  1  0  1  1  1
FirstOffset:      -1  1  1  0  1  1  0  0
SecondOffset:      0  1  0  1  1  0  1  0
ThirdOffset:       0  1 -1  0  1  0  1  0
FirstOffsetClip:  -1  1  1  0  1  1  0  0
SecondOffsetClip:  0  1  0  1  1  0  1  0
ThirdOffsetClip:   0  1 -1  0  1  0  1  0

Block 95:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:21 S02:12 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:32 S01:12 S11:13 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:12 S11:21 S02:36 S12:24 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:24 S01:48 S11:37 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:57 S01:12 S11:47 S02:48 S12:57 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:24 S01:36 S11:34 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:45 S01:12 S11:21 S02:48 S12:58 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:49 S01:0 S11:39 S02:60 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  2  2  2  2  2
Diff_de:          -1  1 -1  1 -1  1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  4  3  3  2  3  3  0
# Filtered pixels: 4  4  3  3  3  3  3  3
# Filtered P pix:  1  1  1  0  1  0  1  1
# Filtered Q pix:  1  1  0  1  0  1  0  0
FirstOffset:      -1  2 -1  1 -1  1 -2  0
SecondOffset:     -1  1 -1 -1  0  0 -1  0
ThirdOffset:       1 -1  1 -1 -1 -1  0  1
FirstOffsetClip:  -1  1 -1  1 -1  1 -1  0
SecondOffsetClip: -1  1 -1 -1  0  0 -1  0
ThirdOffsetClip:   1 -1  1 -1 -1 -1  0  1

Block 96:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:39 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:18 S01:0 S11:13 S02:24 S12:36 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:24 S11:16 S02:60 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:36 S11:50 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:31 S01:12 S11:34 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:37 S01:24 S11:26 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:47 S01:0 S11:52 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:39 S01:0 S11:26 S02:60 S12:45 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  0  2  4  3
# Filtered pixels: 3  3  2  3  3  2  4  3
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  0  0  0  1  0  0  1  0
FirstOffset:       0  0  0  0  0 -1  1 -1
SecondOffset:      0  0 -1 -1  0  0  1 -1
ThirdOffset:      -1  1 -1  0  1  0 -1  2
FirstOffsetClip:   0  0  0  0  0 -1  1 -1
SecondOffsetClip:  0  0 -1 -1  0  0  1 -1
ThirdOffsetClip:  -1  1 -1  0  1  0 -1  1

Block 97:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:65 S01:48 S11:37 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:0 S01:48 S11:37 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:12 S11:47 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:24 S11:31 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:36 S11:37 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:60 S11:55 S02:0 S12:39 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:24 S11:36 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  0  3  3  2  4  3
Diff_de:           1  0  0  1 -1 -1  1 -1
Diff_c:            1 -1  0  1  0  0  1 -1
Diff_f:            0  0  0  0  1  0 -1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  4  2  3  1  3
# Filtered pixels: 3  3  4  4  2  3  3  4
# Filtered P pix:  0  0  1  1  0  0  1  1
# Filtered Q pix:  1  1  1  1  0  1  0  1
FirstOffset:       1  0  0  1 -1 -1  0 -1
SecondOffset:      2 -1  0  1  0  1  1 -1
ThirdOffset:       0  0  0 -1  1  1 -1  0
FirstOffsetClip:   1  0  0  1 -1 -1  0 -1
SecondOffsetClip:  1 -1  0  1  0  1  1 -1
ThirdOffsetClip:   0  0  0 -1  1  1 -1  0

Block 98:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:0 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:36 S11:37 S02:24 S12:36 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:62 S01:48 S11:42 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:26 S01:12 S11:8 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:0 S11:26 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:36 S11:39 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:18 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  1  0  2  1  2  0
Diff_de:           0  1  0  0  0  0 -1  0
Diff_c:            0  1  1  0  1  1  0  0
Diff_f:           -1  1  0  0 -1  0  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  0  0  1  0  2  0
# Filtered pixels: 4  3  3  4  4  3  4  4
# Filtered P pix:  1  0  0  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  1  0  0  0  0 -1  0
SecondOffset:      0  1  1  0  0  1  0  0
ThirdOffset:      -1  0  0  0 -1  0  0  0
FirstOffsetClip:   0  1  0  0  0  0 -1  0
SecondOffsetClip:  0  1  1  0  0  1  0  0
ThirdOffsetClip:  -1  0  0  0 -1  0  0  0

Block 99:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:68 S01:12 S11:31 S02:72 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:32 S01:36 S11:44 S02:36 S12:49 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:12 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:26 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:50 S01:24 S11:36 S02:36 S12:24 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:37 S01:36 S11:39 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:57 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:36 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  1  1  4  4  0  2
Diff_de:          -2 -2  0  0  1  1  0  0
Diff_c:            0  1  0  0 -1 -1  0  1
Diff_f:            0 -1 -1 -1 -1 -1  0 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  0  3  3  0  1
# Filtered pixels: 3  2  3  3  3  3  4  3
# Filtered P pix:  1  0  1  1  1  0  1  1
# Filtered Q pix:  0  0  0  0  0  1  1  0
FirstOffset:      -2 -2  1  0  2  1  0  0
SecondOffset:     -1  0  0  0  1  0  0  1
ThirdOffset:      -1  0 -2 -1 -2 -1  0 -1
FirstOffsetClip:  -2 -2  1  0  2  1  0  0
SecondOffsetClip: -1  0  0  0  1  0  0  1
ThirdOffsetClip:  -1  0 -1 -1 -1 -1  0 -1

Block 100:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:47 S01:36 S11:44 S02:24 S12:36 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:60 S01:0 S11:0 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:12 S11:34 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:39 S01:48 S11:45 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:60 S11:53 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:24 S11:36 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:50 S01:0 S11:26 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  0  2  2  1  1  2
Diff_de:           1  1  0  1 -1  0  0 -1
Diff_c:            0  0  0  0  0  1 -1  0
Diff_f:            1  0  0  0  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  2  3  2  1  4
# Filtered pixels: 3  3  4  3  3  3  4  4
# Filtered P pix:  0  1  1  0  0  1  1  1
# Filtered Q pix:  1  0  1  1  1  0  1  1
FirstOffset:       1  1  0  1 -1 -1  0 -2
SecondOffset:      1  1  0  2  1  0 -1 -1
ThirdOffset:       0 -2  0  0  1  1  0  1
FirstOffsetClip:   1  1  0  1 -1 -1  0 -1
```

```
SecondOffsetClip:  1  1  0  1  1  0 -1 -1
ThirdOffsetClip:   0 -1  0  0  1  1  0  1

Block 101:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:34 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:65 S01:12 S11:57 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:13 S01:36 S11:44 S02:60 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:39 S01:24 S11:21 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:50 S01:24 S11:26 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:24 S01:24 S11:31 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:16 S01:24 S11:31 S02:24 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:12 S11:31 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  2  3  3  3  2  0
Diff_de:           1  0  1  1  2 -1  0  0
Diff_c:            0  0  0  1 -1  1  1  0
Diff_f:            0  0  0  0  0  0 -1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  3  2  2  3
# Filtered pixels: 2  3  2  3  3  3  2  4
# Filtered P pix:  0  1  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  1  1  1  0  1
FirstOffset:       1 -1  0  1  2 -1 -1 -1
SecondOffset:      0  0 -1  1  1  0  0  0
ThirdOffset:      -1  1  1 -1 -1  0  0  1
FirstOffsetClip:   1 -1  0  1  1 -1 -1 -1
SecondOffsetClip:  0  0 -1  1  1  0  0  0
ThirdOffsetClip:  -1  1  1 -1 -1  0  0  1

Block 102:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:13 S01:48 S11:42 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:34 S01:36 S11:44 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:48 S11:37 S02:0 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:12 S11:8 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:36 S11:29 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:32 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:55 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:60 S11:50 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  2  3  3  3  4  3
Diff_de:           0 -1  1  1 -1  1  1 -1
Diff_c:            0  0  0  1  1  0  1  0
Diff_f:            1 -1  0  0  0  1 -1 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  3  3  3  4  2
# Filtered pixels: 3  3  3  3  3  3  4  3
# Filtered P pix:  0  0  0  1  0  1  1  0
# Filtered Q pix:  1  1  1  0  1  0  1  1
FirstOffset:       0 -1  1  1 -1  2  1 -1
SecondOffset:     -1  0  2  1  0  1  1  1
ThirdOffset:       0  0 -1 -2  1  0 -1  0
FirstOffsetClip:   0 -1  1  1 -1  1  1 -1
SecondOffsetClip: -1  0  1  1  0  1  1  1
ThirdOffsetClip:   0  0 -1 -1  1  0 -1  0

Block 103:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:21 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:42 S01:0 S11:0 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:26 S01:24 S11:31 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:42 S01:12 S11:34 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:50 S01:24 S11:42 S02:48 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:37 S01:24 S11:21 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:34 S01:24 S11:26 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:36 S11:29 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  3  2  2  3  1  3
Diff_de:           1 -1  1 -1 -1 -1  0 -1
Diff_c:            1  0 -1  0  0 -1  1  0
Diff_f:            0  0  0  0  0  0  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  0  2  2  2  2  2
# Filtered pixels: 3  4  3  3  2  3  2  2
# Filtered P pix:  0  1  0  1  0  0  0  0
```

```
# Filtered Q pix:  1  1  1  0  0  1  0  0
FirstOffset:       1 -1  0 -1 -2 -1 -1 -1
SecondOffset:      1 -1 -1  0 -2 -1  0  0
ThirdOffset:      -1  1  0  0  0  0 -1  1
FirstOffsetClip:   1 -1  0 -1 -1 -1 -1 -1
SecondOffsetClip:  1 -1 -1  0 -1 -1  0  0
ThirdOffsetClip:  -1  1  0  0  0  0 -1  1

Block 104:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:37 S01:36 S11:37 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:16 S01:24 S11:29 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:0 S11:39 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:24 S11:26 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:42 S01:24 S11:26 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:8 S01:36 S11:34 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:42 S01:0 S11:13 S02:36 S12:29 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:24 S11:21 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  0  2  0  2  0
Diff_de:           1  0 -1  0 -1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  3  0  3  2
# Filtered pixels: 2  2  3  2  3  2  3  2
# Filtered P pix:  0  0  1  0  0  0  1  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       1 -1  0  0 -1  0 -1 -1
SecondOffset:      0 -1  0  1  0 -1 -1 -1
ThirdOffset:       0  1  0  0  1  1  0  0
FirstOffsetClip:   1 -1  0  0 -1  0 -1 -1
SecondOffsetClip:  0 -1  0  1  0 -1 -1 -1
ThirdOffsetClip:   0  1  0  0  1  1  0  0

Block 105:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:29 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:36 S11:29 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:0 S11:26 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:12 S11:31 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:29 S01:0 S11:13 S02:12 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:37 S01:24 S11:36 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:12 S11:18 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:36 S11:29 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  3  2  0  0
# Filtered pixels: 2  2  3  2  3  2  2  2
# Filtered P pix:  0  0  1  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  0  0  0 -1 -1  0  0
SecondOffset:      0  1  0  0 -1  0  0 -1
ThirdOffset:       1  0  1  0  1  0  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 106:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:21 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:13 S01:60 S11:65 S02:12 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:24 S11:16 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:18 S01:48 S11:47 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:54 S01:12 S11:57 S02:48 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:18 S01:12 S11:21 S02:12 S12:60 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:26 S01:36 S11:34 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:24 S01:24 S11:16 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  0  0  0  2
# Filtered pixels: 3  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:       0  0  0  0  0  0  0  1
SecondOffset:      1 -1  1 -1  0  0 -1  0
ThirdOffset:       0  0  0  0  1  0 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 107:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:8 S02:36 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:42 S01:24 S11:29 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:34 S01:36 S11:29 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:12 S11:47 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:42 S01:0 S11:13 S02:24 S12:36 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:24 S01:24 S11:21 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:24 S11:29 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:12 S11:13 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  2  0  0  2
Diff_de:           0 -1  1  0  1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  0  3  2  2  2
# Filtered pixels: 3  3  3  4  3  2  2  3
# Filtered P pix:  1  0  0  1  1  0  0  1
# Filtered Q pix:  0  1  1  1  0  0  0  0
FirstOffset:      -1 -1  1  0  1  1 -1  1
SecondOffset:      0  0  0  0  1  0 -1  0
ThirdOffset:       1  1  0  0  0  1  1  0
FirstOffsetClip:  -1 -1  1  0  1  1 -1  1
SecondOffsetClip:  0  0  0  0  1  0 -1  0
ThirdOffsetClip:   1  1  0  0  0  1  1  0

Block 108:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
```

```
Row:1 S0:37 S01:12 S11:13 S02:48 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:62 S01:36 S11:49 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:24 S01:36 S11:34 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:36 S11:44 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:29 S01:0 S11:26 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:48 S11:42 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:26 S01:12 S11:31 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:24 S11:26 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  0
Diff_de:          -1  0  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  4  0  0  3
# Filtered pixels: 3  2  2  2  4  2  4  3
# Filtered P pix:  1  0  0  0  1  0  1  0
# Filtered Q pix:  0  0  0  0  1  0  1  1
FirstOffset:      -1  0 -1  0  1  0  0  1
SecondOffset:      0 -1  0 -1  1  1  0  0
ThirdOffset:      -1 -1  0  1 -1 -1  0 -1
FirstOffsetClip:  -1  0 -1  0  1  0  0  1
SecondOffsetClip:  0 -1  0 -1  1  1  0  0
ThirdOffsetClip:  -1 -1  0  1 -1 -1  0 -1

Block 109:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:45 S01:24 S11:31 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:37 S01:36 S11:39 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:50 S01:36 S11:37 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:0 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:12 S11:44 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:50 S01:48 S11:32 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:26 S01:24 S11:49 S02:36 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:12 S11:31 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  2  1  2  4  2  1
Diff_de:           1  1 -1  0 -1 -2  0  0
Diff_c:           -1  0  0  0  0  1 -1  1
Diff_f:            0  0  0 -1  0  1 -1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  3  0  2  3  1  0
# Filtered pixels: 4  3  3  4  3  3  3  3
# Filtered P pix:  1  0  0  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  0  1  0  0
FirstOffset:       2  1 -2  0 -1 -2  0  0
SecondOffset:      1  0  0  0  0  0 -1  0
ThirdOffset:      -1  0  1  0  1  2 -1  1
FirstOffsetClip:   1  1 -1  0 -1 -1  0  0
SecondOffsetClip:  1  0  0  0  0  0 -1  0
ThirdOffsetClip:  -1  0  1  0  1  1 -1  1

Block 110:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:26 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:24 S11:21 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:18 S01:12 S11:34 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:48 S11:42 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:36 S11:37 S02:24 S12:31 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:32 S01:60 S11:60 S02:12 S12:73 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:24 S01:12 S11:8 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:24 S01:24 S11:31 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  2  0
Diff_de:           0  0  0  0  0 -1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  0  2  2  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  1  0  0  0 -2 -1  1
SecondOffset:      1  1  0  1 -1  0 -1  0
ThirdOffset:      -1  0 -1  1  1  1  0 -1
FirstOffsetClip:   0  1  0  0  0 -1 -1  1
```

```
SecondOffsetClip:  1  1  0  1 -1  0 -1  0
ThirdOffsetClip:  -1  0 -1  1  1  1  0 -1

Block 111:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:18 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:0 S11:52 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:0 S11:0 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:48 S11:42 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:16 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:78 S01:60 S11:70 S02:12 S12:31 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:0 S01:24 S11:31 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:0 S11:26 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  1  2  0  2  2  1  0
Diff_de:           1  0  1  0  1  1  0  0
Diff_c:            0  0  0  0  0  0 -1  0
Diff_f:            0 -1  0  0  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  0  3  3  1  3
# Filtered pixels: 4  4  4  3  4  3  4  4
# Filtered P pix:  1  1  1  0  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1 -1  1  0  1  1  0 -1
SecondOffset:      0 -1  1  1  0 -1 -1 -1
ThirdOffset:       0  0  0  0 -1 -1  0  0
FirstOffsetClip:   1 -1  1  0  1  1  0 -1
SecondOffsetClip:  0 -1  1  1  0 -1 -1 -1
ThirdOffsetClip:   0  0  0  0 -1 -1  0  0

Block 112:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:65 S01:60 S11:65 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:42 S01:12 S11:8 S02:24 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:16 S01:48 S11:37 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:50 S01:12 S11:8 S02:48 S12:47 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:45 S01:36 S11:39 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:29 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:45 S01:24 S11:42 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:0 S01:48 S11:47 S02:24 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  0  2  2  2  2  1
Diff_de:           1 -1  0 -2  1 -1 -2  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  1  0  0  0  0  0  1

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  3  2  3  3  0
# Filtered pixels: 3  3  3  3  2  3  3  2
# Filtered P pix:  0  1  0  1  0  1  0  0
# Filtered Q pix:  1  0  1  0  0  0  1  0
FirstOffset:       1 -1  1 -2  2 -1 -2  0
SecondOffset:     -1  0 -1 -1  0 -1 -2 -1
ThirdOffset:      -1  1  0  0  0  0  1  1
FirstOffsetClip:   1 -1  1 -1  1 -1 -1  0
SecondOffsetClip: -1  0 -1 -1  0 -1 -1 -1
ThirdOffsetClip:  -1  1  0  0  0  0  1  1

Block 113:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:36 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:52 S01:60 S11:55 S02:36 S12:24 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:49 S01:60 S11:55 S02:0 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:36 S11:37 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:0 S11:26 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:57 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:0 S11:39 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:24 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  0  1  1  0  4  0
Diff_de:           0  0  0  0  0  0 -1  0
Diff_c:            1  0  0  1  0  0 -1  0
Diff_f:            0 -1  0  0  1  0  1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  2  0  0  4  1
# Filtered pixels: 4  3  3  4  3  4  4  4
# Filtered P pix:  1  0  0  1  1  1  1  1
```

```
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:      -1  1  0 -1  0  0 -1  0
SecondOffset:      0 -1  1  0  0  0 -1 -1
ThirdOffset:       1 -1  0  0  1  0  1  0
FirstOffsetClip:  -1  1  0 -1  0  0 -1  0
SecondOffsetClip:  0 -1  1  0  0  0 -1 -1
ThirdOffsetClip:   1 -1  0  0  1  0  1  0

Block 114:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:44 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:12 S11:47 S02:24 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:24 S11:62 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:12 S11:47 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:49 S01:24 S11:21 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:31 S01:36 S11:24 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:24 S11:16 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:42 S01:24 S11:26 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  0
Diff_de:           0  0  0 -1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  0  0  2  2
# Filtered pixels: 2  2  2  3  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0  1  0 -1  0  0 -1 -1
SecondOffset:      0  1  1 -1  1 -1 -1  0
ThirdOffset:      -1 -1 -1  1  0 -1  1  0
FirstOffsetClip:   0  1  0 -1  0  0 -1 -1
SecondOffsetClip:  0  1  1 -1  1 -1 -1  0
ThirdOffsetClip:  -1 -1 -1  1  0 -1  1  0

Block 115:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:65 S01:24 S11:62 S02:0 S12:65 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:39 S01:12 S11:8 S02:12 S12:18 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:2
Row:4 S0:21 S01:0 S11:39 S02:24 S12:16 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:21 S01:24 S11:31 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:50 S01:12 S11:47 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:52 S01:0 S11:13 S02:48 S12:37 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:31 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  2  2  2
Diff_de:           0  0  1  0  0  1 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  3  2  3  3  3
# Filtered pixels: 2  3  4  3  2  3  3  4
# Filtered P pix:  0  0  1  1  0  1  1  1
# Filtered Q pix:  0  1  1  0  0  0  0  1
FirstOffset:       0 -1  1 -1 -1  2 -1  1
SecondOffset:      1  0  0 -1  0  1 -1  0
ThirdOffset:       1  1  0  1  0 -1  2 -1
FirstOffsetClip:   0 -1  1 -1 -1  1 -1  1
SecondOffsetClip:  1  0  0 -1  0  1 -1  0
ThirdOffsetClip:   1  1  0  1  0 -1  1 -1

Block 116:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:34 S01:60 S11:40 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:16 S01:60 S11:55 S02:24 S12:62 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:24 S11:21 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:24 S11:26 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:50 S01:0 S11:0 S02:12 S12:34 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:6 S0:29 S01:36 S11:39 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:24 S11:21 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:36 S11:44 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  1  2  2  2  4  0
Diff_de:           0  1  0 -1  1 -1 -1  0
Diff_c:            0  0  1  0  0  0  1  0
Diff_f:            0  0  0  0  0  0 -1  0
```

```
'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  4  3  0  3
# Filtered pixels: 2  2  2  2  4  3  2  3
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  1  1  0  1
FirstOffset:       1  1  0 -1  2 -1  0  1
SecondOffset:     -1 -1  1  0  1  0  1  0
ThirdOffset:       1  0 -1  0 -1  1 -1 -1
FirstOffsetClip:   1  1  0 -1  1 -1  0  1
SecondOffsetClip: -1 -1  1  0  1  0  1  0
ThirdOffsetClip:   1  0 -1  0 -1  1 -1 -1

Block 117:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:45 S01:72 S11:53 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:39 S01:12 S11:13 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:24 S01:0 S11:0 S02:60 S12:70 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:24 S11:21 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:49 S01:60 S11:60 S02:24 S12:36 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:12 S11:44 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:36 S11:39 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:57 S01:36 S11:39 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  3  3  1  0  2  2
Diff_de:           2  1  1 -1  0  0  1  1
Diff_c:            0  0  1  1  0  0  0  0
Diff_f:            0  0  0  0  1  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  0  0  0  3
# Filtered pixels: 3  3  3  3  2  3  2  3
# Filtered P pix:  0  1  1  0  0  1  0  0
# Filtered Q pix:  1  0  0  1  0  0  0  1
FirstOffset:       2  1  1 -1  0  0  0  1
SecondOffset:     -1  0  1  0  1  0 -1  0
ThirdOffset:      -1  0  1  0  1 -1 -1 -1
FirstOffsetClip:   1  1  1 -1  0  0  0  1
SecondOffsetClip: -1  0  1  0  1  0 -1  0
ThirdOffsetClip:  -1  0  1  0  1 -1 -1 -1

Block 118:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
```

```
Row:1 S0:36 S01:60 S11:55 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:0 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:72 S11:68 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:36 S11:49 S02:60 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:12 S11:18 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:45 S01:24 S11:16 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:60 S01:0 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:0 S01:12 S11:34 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  2  2  1  2  2  1
Diff_de:           0  0 -1  0  0 -1 -1  0
Diff_c:           -1  0  0  1  1  0  0  0
Diff_f:            0 -1  0 -1  0  0  0 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  2  2  0  3  4  1
# Filtered pixels: 3  4  3  3  4  4  4  4
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:       0  0 -1 -1  0 -2 -1  0
SecondOffset:     -1  0  1  0  0 -1 -1  0
ThirdOffset:       0 -1  0 -1  0  0  1 -1
FirstOffsetClip:   0  0 -1 -1  0 -2 -1  0
SecondOffsetClip: -1  0  1  0  0 -1 -1  0
ThirdOffsetClip:   0 -1  0 -1  0  0  1 -1

Block 119:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:54 S01:0 S11:52 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:12 S11:18 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:60 S11:50 S02:12 S12:70 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:60 S11:50 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:24 S11:21 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:0 S11:52 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:36 S11:29 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  4  2  3  2  3  3  4
Diff_de:           0 -1  0 -1  0  1  1  1
Diff_c:            0 -1  1  1 -1  1  0  1
Diff_f:            0  1 -1  0  1  0 -1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  1  2  2  4  4  1
# Filtered pixels: 3  4  4  3  3  4  4  4
# Filtered P pix:  1  1  1  0  0  1  1  1
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:       0 -1  0 -1  1  1  1  0
SecondOffset:      0 -1  0  1 -1  1  1  1
ThirdOffset:      -1  1 -1  0  0 -1 -1  0
FirstOffsetClip:   0 -1  0 -1  1  1  1  0
SecondOffsetClip:  0 -1  0  1 -1  1  1  1
ThirdOffsetClip:  -1  1 -1  0  0 -1 -1  0

Block 120:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:39 S02:36 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:42 S01:24 S11:26 S02:24 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:0 S01:24 S11:26 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:0 S11:13 S02:48 S12:37 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:52 S01:12 S11:44 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:16 S01:60 S11:60 S02:0 S12:65 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:36 S11:24 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:24 S11:26 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  2  3  2  2  2  3
Diff_de:           0  1  0  1  1 -1  0 -1
Diff_c:            0 -1  1  0  0  0 -1 -1
Diff_f:           -1  1 -1 -1  0  0  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  3  3  3  2  3
# Filtered pixels: 3  4  4  3  4  3  2  4
# Filtered P pix:  1  1  1  1  1  0  0  1
# Filtered Q pix:  0  1  1  0  1  1  0  1
FirstOffset:       0  1  0  1  1 -1  1 -1
SecondOffset:      0  0  1  1  1  1  0 -1
ThirdOffset:      -1  0 -1 -2  0  1  0  0
FirstOffsetClip:   0  1  0  1  1 -1  1 -1
```

```
SecondOffsetClip:  0  0  1  1  1  1  0 -1
ThirdOffsetClip:  -1  0 -1 -1  0  1  0  0

Block 121:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:34 S02:60 S12:65 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:16 S01:36 S11:50 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:49 S01:12 S11:13 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:13 S01:12 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:5 S0:13 S01:24 S11:31 S02:48 S12:32 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:0 S11:0 S02:12 S12:31 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:39 S01:36 S11:39 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:48 S11:37 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:           1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  0  0  2  0
# Filtered pixels: 2  2  3  2  2  3  2  3
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  1
FirstOffset:       1  1  0  0  0  0  1  0
SecondOffset:      1  0  0  0  1  0  1  1
ThirdOffset:       1  1  0  0 -1  0  0  0
FirstOffsetClip:   1  1  0  0  0  0  1  0
SecondOffsetClip:  1  0  0  0  1  0  1  1
ThirdOffsetClip:   1  1  0  0 -1  0  0  0

Block 122:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:21 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:31 S01:24 S11:21 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:12 S11:21 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:21 S01:12 S11:21 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:60 S01:12 S11:73 S02:48 S12:42 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
```

```
Row:6 S0:40 S01:12 S11:8 S02:12 S12:34 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:55 S01:24 S11:16 S02:12 S12:70 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:65 S01:0 S11:13 S02:0 S12:39 ActOverall:0 Act1:3 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
# Pixels with non-zero Diff : 0  0  2  0  0  2  2  0
Diff_de:           0  0  1  0  0 -2 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  4  3  2  4  2  4
# Filtered pixels: 3  2  4  3  3  4  3  4
# Filtered P pix:  1  0  1  1  1  1  0  1
# Filtered Q pix:  0  0  1  0  0  1  1  1
FirstOffset:       0  0  1 -1 -1 -2 -1  1
SecondOffset:      0 -1  1 -1  0 -1 -1  1
ThirdOffset:       1 -1 -1  1 -1  1  0 -1
FirstOffsetClip:   0  0  1 -1 -1 -1 -1  1
SecondOffsetClip:  0 -1  1 -1  0 -1 -1  1
ThirdOffsetClip:   1 -1 -1  1 -1  1  0 -1

Block 123:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:34 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:24 S11:29 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:36 S11:29 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:12 S11:31 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:12 S11:34 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:18 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:0 S11:0 S02:60 S12:40 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  1  1  3  4  2  0
Diff_de:           0  1  0  0 -1  1  0  0
Diff_c:            1  1  0 -1  0  1 -1  0
Diff_f:           -1  0 -1  0 -1 -1  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  1  0  2  3  0  0
# Filtered pixels: 3  4  4  3  3  4  4  3
# Filtered P pix:  0  1  1  0  1  1  1  1
```

```
# Filtered Q pix:  1  1  1  1  0  1  1  0
FirstOffset:       0  1  0  0 -1  1  0  0
SecondOffset:      1  1  0 -1  0  1  0  0
ThirdOffset:       0 -1 -1  0  0  0  0 -1
FirstOffsetClip:   0  1  0  0 -1  1  0  0
SecondOffsetClip:  1  1  0 -1  0  1  0  0
ThirdOffsetClip:   0 -1 -1  0  0  0  0 -1

Block 124:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:26 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:36 S11:37 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:18 S01:12 S11:21 S02:24 S12:26 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:0 S01:60 S11:65 S02:36 S12:24 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:68 S01:12 S11:18 S02:48 S12:42 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:13 S01:0 S11:65 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:44 S01:36 S11:34 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:24 S01:12 S11:21 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  0  0  2
# Filtered pixels: 2  2  2  2  2  4  2  2
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       0  0  0  0  2  0  0 -1
SecondOffset:      1 -1  0 -1  1  0 -1 -1
ThirdOffset:       1  1  1  1  0  0  0  0
FirstOffsetClip:   0  0  0  0  1  0  0 -1
SecondOffsetClip:  1 -1  0 -1  1  0 -1 -1
ThirdOffsetClip:   1  1  1  1  0  0  0  0

Block 125:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:42 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:48 S11:32 S02:24 S12:42 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:0 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:47 S01:48 S11:42 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:36 S11:29 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:24 S11:36 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:12 S11:34 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:26 S01:48 S11:32 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  3  2  2  1  4  2  0
Diff_de:          -1 -1 -1 -1  0 -1 -1  0
Diff_c:           -1  0  0  0  0 -1  0  0
Diff_f:            0  1  0  0  1 -1  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  0  2  3  0
# Filtered pixels: 3  2  4  2  2  2  4  2
# Filtered P pix:  0  0  1  0  0  0  1  0
# Filtered Q pix:  1  0  1  0  0  0  1  0
FirstOffset:       0  0 -1 -1  0 -1 -1  0
SecondOffset:     -1  1 -1  1 -1 -1  0  1
ThirdOffset:       0  1  0  2  1  0  1 -1
FirstOffsetClip:   0  0 -1 -1  0 -1 -1  0
SecondOffsetClip: -1  1 -1  1 -1 -1  0  1
ThirdOffsetClip:   0  1  0  1  1  0  1 -1

Block 126:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:21 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:18 S01:72 S11:58 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:16 S01:24 S11:16 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:24 S11:21 S02:24 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:47 S01:60 S11:60 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:26 S01:24 S11:31 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:13 S01:0 S11:39 S02:12 S12:18 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:57 S01:36 S11:44 S02:48 S12:52 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  0  2  0  0  0
Diff_de:          -1  0  1  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  2  2  0  0  2
# Filtered pixels: 3  2  2  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:      -1  0  1  1 -1  0  0  1
SecondOffset:      0 -2  1  0  1  1  0  0
ThirdOffset:       1  0  0 -1  0  1  0 -2
FirstOffsetClip:  -1  0  1  1 -1  0  0  1
SecondOffsetClip:  0 -1  1  0  1  1  0  0
ThirdOffsetClip:   1  0  0 -1  0  1  0 -1

Block 127:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:16 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:37 S01:36 S11:39 S02:24 S12:42 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:48 S11:37 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:36 S01:48 S11:37 S02:24 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:31 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:8 S01:60 S11:60 S02:60 S12:65 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:8 S01:24 S11:16 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:0 S01:36 S11:29 S02:0 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  2  1  1  0  1  0
Diff_de:           0 -1 -1  0  0  0  0  0
Diff_c:            1  0  0  0 -1  0  1  0
Diff_f:            0  1  0  1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  0  0  0  0
# Filtered pixels: 3  2  2  2  2  2  3  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  0  1  1
FirstOffset:       0 -1 -1  0  0  0  0  0
SecondOffset:      1  0 -2  1 -1  1  1 -1
ThirdOffset:       0  1  0  1 -1 -1  0  0
FirstOffsetClip:   0 -1 -1  0  0  0  0  0
SecondOffsetClip:  1  0 -1  1 -1  1  1 -1
ThirdOffsetClip:   0  1  0  1 -1 -1  0  0

Block 128:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
```

```
Row:1 S0:31 S01:12 S11:44 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:18 S01:0 S11:26 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:34 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:24 S11:36 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:12 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:36 S11:39 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:16 S01:0 S11:26 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:0 S11:52 S02:24 S12:49 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  1  1  2  3  4  3  3
Diff_de:           0  0  0  0  1 -1  1  1
Diff_c:            1  0  0 -1  0 -1  1  0
Diff_f:           -1  1 -1  1 -1  1  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  0  2  3  4  3  4
# Filtered pixels: 4  4  3  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:       0  0  0  0  1 -1  1  1
SecondOffset:      0  0  0 -1  0 -1  1  1
ThirdOffset:       0  1 -1  1 -1  1  0 -1
FirstOffsetClip:   0  0  0  0  1 -1  1  1
SecondOffsetClip:  0  0  0 -1  0 -1  1  1
ThirdOffsetClip:   0  1 -1  1 -1  1  0 -1

Block 129:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:29 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:52 S01:24 S11:16 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:16 S01:12 S11:21 S02:24 S12:42 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:48 S11:37 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:0 S11:13 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:0 S11:13 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:24 S11:42 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:57 S01:60 S11:50 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  4  4  3  0  2  3  1
Diff_de:          -1 -1 -1 -1  0  1 -1  0
Diff_c:            1 -1 -1  0  0  0  1  0
Diff_f:            0 -1  1 -1  0  0  0 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  4  2  0  3  3  2
# Filtered pixels: 4  3  4  3  3  4  4  2
# Filtered P pix:  1  1  1  0  1  1  1  0
# Filtered Q pix:  1  0  1  1  0  1  1  0
FirstOffset:      -1 -1 -1 -1  0  1 -1  1
SecondOffset:      0 -1 -1 -2  0  1  0 -1
ThirdOffset:       0  0  1  0  1  0  1 -1
FirstOffsetClip:  -1 -1 -1 -1  0  1 -1  1
SecondOffsetClip:  0 -1 -1 -1  0  1  0 -1
ThirdOffsetClip:   0  0  1  0  1  0  1 -1

Block 130:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:60 S01:48 S11:37 S02:12 S12:18 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:18 S01:36 S11:50 S02:48 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:52 S01:12 S11:34 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:65 S01:36 S11:44 S02:36 S12:29 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:49 S01:12 S11:31 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:52 S01:36 S11:24 S02:12 S12:60 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:24 S01:24 S11:16 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:34 S01:12 S11:21 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  2  0  2
Diff_de:           0  0  1  0  0 -1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  0  2  2  2
# Filtered pixels: 2  2  3  2  3  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  1  0  0  0
FirstOffset:      -1  0  1  1  0 -1 -1 -1
SecondOffset:     -2  1  1  0  0  0  0  0
ThirdOffset:       0  1 -1 -1  0  0  0  0
FirstOffsetClip:  -1  0  1  1  0 -1 -1 -1
```

```
SecondOffsetClip: -1  1  1  0  0  0  0  0
ThirdOffsetClip:   0  1 -1 -1  0  0  0  0

Block 131:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:36 S11:29 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:36 S11:50 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:37 S01:36 S11:29 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:12 S11:47 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:31 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:12 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:0 S01:36 S11:29 S02:12 S12:60 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  0  3  3  2  2  1
Diff_de:           0 -1  0 -1  1  0 -1  0
Diff_c:            0  1  0  1  0  1  0 -1
Diff_f:            1  0  0  0 -1 -1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  0  2  4  0  2  0
# Filtered pixels: 4  2  3  3  4  3  3  3
# Filtered P pix:  1  0  0  0  1  1  1  0
# Filtered Q pix:  1  0  1  1  1  0  0  1
FirstOffset:       0 -1  0 -1  1  0 -1  0
SecondOffset:      0  0  1  0  1  0  0 -1
ThirdOffset:       1  0  0  0 -1 -1  1  0
FirstOffsetClip:   0 -1  0 -1  1  0 -1  0
SecondOffsetClip:  0  0  1  0  1  0  0 -1
ThirdOffsetClip:   1  0  0  0 -1 -1  1  0

Block 132:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:37 S01:48 S11:37 S02:0 S12:65 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:72 S11:63 S02:12 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:0 S11:0 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:24 S11:62 S02:36 S12:37 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:12 S11:21 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:42 S01:24 S11:29 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:55 S01:12 S11:44 S02:24 S12:42 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:70 S01:48 S11:62 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  0  2  0  4  3  1
Diff_de:          -2 -1  0  0  0 -1 -1  0
Diff_c:            1  0  0  1  0 -1  0  0
Diff_f:            0  0  0 -1  0 -1  1  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  1  0  3  3  2
# Filtered pixels: 3  3  4  3  3  3  4  3
# Filtered P pix:  0  0  1  1  1  1  1  0
# Filtered Q pix:  1  1  1  0  0  0  1  1
FirstOffset:      -1 -1  0  0  0 -1 -1  1
SecondOffset:      1  1  0  1  0 -1  0  2
ThirdOffset:       1  1  0 -1  1  0  1  0
FirstOffsetClip:  -1 -1  0  0  0 -1 -1  1
SecondOffsetClip:  1  1  0  1  0 -1  0  1
ThirdOffsetClip:   1  1  0 -1  1  0  1  0

Block 133:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:55 S01:12 S11:34 S02:24 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:8 S01:12 S11:13 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:36 S11:34 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:12 S11:31 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:36 S11:29 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:18 S01:24 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:36 S11:34 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  1  2  1  0  2  2
Diff_de:           0  1  0  1  0  0  0 -1
Diff_c:            0  0 -1  0  0  0 -1  0
Diff_f:            1  0  0  0 -1  0  1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  0  3  0  2
# Filtered pixels: 2  3  3  2  3  3  2  3
# Filtered P pix:  0  1  1  0  1  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       0  1  0  1  0 -1  0 -1
SecondOffset:     -1  0  0  0  0 -1 -1  0
ThirdOffset:       1  0  1 -2 -1  1  1  0
FirstOffsetClip:   0  1  0  1  0 -1  0 -1
SecondOffsetClip: -1  0  0  0  0 -1 -1  0
ThirdOffsetClip:   1  0  1 -1 -1  1  1  0

Block 134:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:24 S01:36 S11:37 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:12 S11:13 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:78 S01:60 S11:65 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:32 S01:48 S11:42 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:36 S11:49 S02:60 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:60 S01:36 S11:29 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:0 S01:12 S11:18 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  2  4  1  3  2
Diff_de:           1  1  0  1  1  0  1  0
Diff_c:            0  0 -1  0 -1 -1  1 -1
Diff_f:           -1  0  1  0  1  0  0  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  2  0  2  0
# Filtered pixels: 4  3  4  3  2  2  3  3
# Filtered P pix:  1  0  1  0  0  0  0  1
# Filtered Q pix:  1  1  1  1  0  0  1  0
FirstOffset:       1  1  0  1  2  0  1  0
SecondOffset:      0  0  0  2  0 -1  1  0
ThirdOffset:      -1  0  0  0  0  1  0  1
FirstOffsetClip:   1  1  0  1  2  0  1  0
SecondOffsetClip:  0  0  0  1  0 -1  1  0
ThirdOffsetClip:  -1  0  0  0  0  1  0  1

Block 135:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:63 S01:24 S11:42 S02:72 S12:58 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:62 S01:12 S11:18 S02:24 S12:62 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:37 S01:12 S11:8 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:0 S11:26 S02:36 S12:63 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:0 S01:24 S11:29 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:0 S11:52 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:16 S01:24 S11:21 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:24 S11:16 S02:48 S12:37 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  3  3  2  3  3  4
Diff_de:           2  1  1 -1  0  1  1  1
Diff_c:            1  0  1  0  1  0 -1  1
Diff_f:            0 -1  0  1 -1  1  0 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  3  1  3  3  1
# Filtered pixels: 3  4  4  3  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  0  1  1  1  0
FirstOffset:       2  0  1 -1  0  1  1  0
SecondOffset:      2  0  1 -1  1  1  0  1
ThirdOffset:       1 -1  0  1  0  0 -1 -1
FirstOffsetClip:   2  0  1 -1  0  1  1  0
SecondOffsetClip:  1  0  1 -1  1  1  0  1
ThirdOffsetClip:   1 -1  0  1  0  0 -1 -1

Block 136:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:13 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:29 S01:24 S11:29 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:12 S11:31 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:42 S01:48 S11:45 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:42 S01:12 S11:8 S02:48 S12:32 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:0 S11:39 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:8 S01:36 S11:24 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:60 S11:65 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  2  0  0  0
Diff_de:           0  0  0  1  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  2  0  0  0
# Filtered pixels: 3  2  2  3  2  3  2  2
# Filtered P pix:  1  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0 -1  0  1  1  0  0  0
SecondOffset:      0 -1  0 -1  1  0  1  1
ThirdOffset:      -1 -1  1 -1  1  1 -1  1
FirstOffsetClip:   0 -1  0  1  1  0  0  0
SecondOffsetClip:  0 -1  0 -1  1  0  1  1
ThirdOffsetClip:  -1 -1  1 -1  1  1 -1  1

Block 137:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:32 S01:24 S11:26 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:40 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:0 S11:0 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:12 S11:18 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:36 S11:34 S02:12 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:21 S02:12 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:0 S11:0 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:24 S11:16 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  3  0  1  0  4  4
Diff_de:          -1 -2 -1  0  0  0 -1  1
Diff_c:            0 -1  0  0  1  0 -1  1
Diff_f:            0 -1  1  0  0  0  1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  1  0  1  0  4  3
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -2 -2  0  0  0  0 -1  1
SecondOffset:     -1 -1  0  0  1  0 -1  1
ThirdOffset:       0  1  1  0  0  0  1  0
FirstOffsetClip:  -2 -2  0  0  0  0 -1  1
SecondOffsetClip: -1 -1  0  0  1  0 -1  1
ThirdOffsetClip:   0  1  1  0  0  0  1  0

Block 138:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:60 S01:24 S11:55 S02:36 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:57 S01:12 S11:60 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:48 S11:45 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:48 S11:47 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:24 S11:31 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:36 S01:0 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:12 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:18 S01:60 S11:60 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  0  0  3  1  0  4  0
Diff_de:          -1  0  0  1  0  0  1  0
Diff_c:            1  0  0  0  1  0  1  0
Diff_f:           -1  0  0 -1  0  0 -1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  1  0  0  0
# Filtered pixels: 3  4  3  3  4  4  4  3
# Filtered P pix:  1  1  0  0  1  1  1  0
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:      -1 -1  0  1  0  0  0  0
SecondOffset:      0  0 -1 -1  1  0  0 -1
ThirdOffset:       0  0  0 -1  0  0  0  0
FirstOffsetClip:  -1 -1  0  1  0  0  0  0
SecondOffsetClip:  0  0 -1 -1  1  0  0 -1
ThirdOffsetClip:   0  0  0 -1  0  0  0  0

Block 139:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:31 S02:60 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:0 S01:12 S11:47 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:12 S11:34 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:36 S11:24 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:62 S01:60 S11:55 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:57 S01:12 S11:31 S02:36 S12:24 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:37 S01:48 S11:52 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 1  0  1  1  4  2  2  2
Diff_de:           0  0  0  0 -1 -1 -1 -1
Diff_c:            1  0  0  0  1  0  0  0
Diff_f:            0  0  1  1  1  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  0  2  2
# Filtered pixels: 4  3  3  4  2  3  3  2
# Filtered P pix:  1  1  1  1  0  0  1  0
# Filtered Q pix:  1  0  0  1  0  1  0  0
FirstOffset:       0  0  0  0 -1  0 -1 -1
SecondOffset:      0  0  0  0  0 -1  0  1
ThirdOffset:       0  1  1  0  1  0  1  0
FirstOffsetClip:   0  0  0  0 -1  0 -1 -1
SecondOffsetClip:  0  0  0  0  0 -1  0  1
ThirdOffsetClip:   0  1  1  0  1  0  1  0

Block 140:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:21 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:0 S11:13 S02:36 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:42 S01:12 S11:18 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:48 S11:42 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:36 S11:39 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:72 S11:68 S02:24 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:0 S11:39 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:47 S01:0 S11:13 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  3  3  2  2  3  2  0
Diff_de:           1  1 -1  0  0  2 -1  0
Diff_c:            0  0  0 -1 -1  0  0  0
Diff_f:            0 -1  1 -1  1  1  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  0  2  2  3  4
# Filtered pixels: 3  3  4  2  3  3  3  4
# Filtered P pix:  1  1  1  0  0  0  1  1
# Filtered Q pix:  0  0  1  0  1  1  0  1
FirstOffset:       1  1 -1  0  1  1 -1 -1
SecondOffset:      0  1  0 -1  0 -1 -1 -1
ThirdOffset:       1 -1  1 -1  0  0 -1  1
FirstOffsetClip:   1  1 -1  0  1  1 -1 -1
```

```
SecondOffsetClip:  0  1  0 -1  0 -1 -1 -1
ThirdOffsetClip:   1 -1  1 -1  0  0 -1  1

Block 141:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:57 S01:12 S11:44 S02:48 S12:57 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:24 S11:42 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:48 S11:45 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:24 S11:16 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:12 S11:8 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:60 S01:36 S11:24 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:12 S11:18 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  0  4  3  2  1  3  2
Diff_de:           1  0  1  1 -1  0  1  0
Diff_c:            0  0 -1  0  0  1  0  1
Diff_f:           -1  0 -1 -1  0  0 -1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  2  3  0  3  0
# Filtered pixels: 3  4  3  3  4  4  4  3
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  0  1  1  0  1  1  1  0
FirstOffset:       1 -1  1  1 -1  0  1  0
SecondOffset:      0  0 -1  0  0  0  0  0
ThirdOffset:      -2  0 -1 -2  1  0 -1  1
FirstOffsetClip:   1 -1  1  1 -1  0  1  0
SecondOffsetClip:  0  0 -1  0  0  0  0  0
ThirdOffsetClip:  -2  0 -1 -2  1  0 -1  1

Block 142:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:31 S01:48 S11:52 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:24 S11:31 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:60 S11:65 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:8 S01:12 S11:13 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:0 S11:13 S02:48 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:57 S01:0 S11:0 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:58 S01:36 S11:34 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:24 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  3  1  4  3  3  2
Diff_de:           0  1 -1  0 -1 -1  2  1
Diff_c:            1  1  0  0 -1  0 -1  0
Diff_f:            1  0  1 -1  1 -1  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  2  0  0  3  3  3
# Filtered pixels: 3  4  3  4  3  4  4  4
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:       0  0 -1  0  0 -1  2  1
SecondOffset:      1  1 -2  0  0 -1  0  1
ThirdOffset:       1  0  0  0  1  0 -1  0
FirstOffsetClip:   0  0 -1  0  0 -1  2  1
SecondOffsetClip:  1  1 -1  0  0 -1  0  1
ThirdOffsetClip:   1  0  0  0  1  0 -1  0

Block 143:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:13 S01:60 S11:55 S02:0 S12:65 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:37 S01:24 S11:31 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:0 S11:39 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:65 S01:36 S11:24 S02:36 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:31 S01:24 S11:36 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:48 S11:57 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:24 S11:16 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:13 S01:24 S11:36 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  4  4  2  2  3  2
Diff_de:           0 -1 -1  1  0  1  1  0
Diff_c:            0  1 -1  1 -1  0 -1 -1
Diff_f:            0  0  1  1 -1  0  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  1  2  2  2
# Filtered pixels: 3  4  3  2  3  3  3  4
# Filtered P pix:  0  1  1  0  1  0  1  1
```

```
# Filtered Q pix:  1  1  0  0  0  1  0  1
FirstOffset:       0 -1  0  1  0  1  1  0
SecondOffset:     -1  0  0  1 -1 -1  0 -1
ThirdOffset:       0  0  1  0 -1  0 -2  1
FirstOffsetClip:   0 -1  0  1  0  1  1  0
SecondOffsetClip: -1  0  0  1 -1 -1  0 -1
ThirdOffsetClip:   0  0  1  0 -1  0 -1  1

Block 144:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:13 S02:24 S12:16 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:42 S01:24 S11:29 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:47 S01:12 S11:34 S02:12 S12:73 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:18 S01:12 S11:18 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:39 S01:12 S11:34 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:12 S11:47 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:36 S11:29 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:57 S01:36 S11:44 S02:36 S12:39 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  0  2  2  3  2
# Filtered pixels: 3  2  2  2  2  2  3  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:       1 -1  1  0  1  1  1 -1
SecondOffset:      1  0  1  0  0  1  1  0
ThirdOffset:      -1 -1 -1  1 -1  1 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 145:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:8 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:2 S0:68 S01:12 S11:13 S02:24 S12:21 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:42 S01:60 S11:55 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:36 S01:12 S11:8 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:12 S11:18 S02:24 S12:31 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:26 S01:60 S11:40 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:24 S11:36 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:8 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  0  0  0  0
Diff_de:          -1  1  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  0  0  0  0  0
# Filtered pixels: 4  3  3  3  3  2  2  4
# Filtered P pix:  1  1  0  1  1  0  0  1
# Filtered Q pix:  1  0  1  0  0  0  0  1
FirstOffset:      -1  2  1  0  0  0  0  0
SecondOffset:     -1  1 -1  0  0  1 -1  0
ThirdOffset:       0 -2 -1 -1  1  1  1  0
FirstOffsetClip:  -1  1  1  0  0  0  0  0
SecondOffsetClip: -1  1 -1  0  0  1 -1  0
ThirdOffsetClip:   0 -1 -1 -1  1  1  1  0

Block 146:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:68 S01:36 S11:24 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:16 S01:12 S11:34 S02:36 S12:24 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:12 S11:13 S02:60 S12:40 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:12 S11:31 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:47 S01:36 S11:39 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:16 S01:24 S11:16 S02:24 S12:42 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:18 S02:48 S12:57 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  1  3  2  3  1  4
Diff_de:          -1 -1  0  1 -1 -1  0  1
Diff_c:            0  0 -1  0  0  0 -1  1
Diff_f:            0 -1  0 -1  0  1  0 -1
```

```
'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  3  3  2  0  0
# Filtered pixels: 3  3  3  3  3  2  3  4
# Filtered P pix:  0  1  1  1  0  0  1  1
# Filtered Q pix:  1  0  0  0  1  0  0  1
FirstOffset:      -2 -1  0  1 -1 -1  0  0
SecondOffset:     -2  0  0  1 -1  0  0  0
ThirdOffset:       1  0 -1 -1  1  1  1  0
FirstOffsetClip:  -1 -1  0  1 -1 -1  0  0
SecondOffsetClip: -1  0  0  1 -1  0  0  0
ThirdOffsetClip:   1  0 -1 -1  1  1  1  0

Block 147:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:29 S01:48 S11:52 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:72 S11:48 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:18 S01:12 S11:8 S02:36 S12:34 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:0 S11:0 S02:24 S12:31 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:12 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:62 S01:36 S11:39 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:55 S01:36 S11:29 S02:24 S12:16 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:29 S01:12 S11:31 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  2  1  0  0  0  2  2
Diff_de:           0  1  0  0  0  0  2  1
Diff_c:            0  0  1  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  0  0  2  4
# Filtered pixels: 3  2  3  3  3  2  2  4
# Filtered P pix:  0  0  1  1  1  0  0  1
# Filtered Q pix:  1  0  0  0  0  0  0  1
FirstOffset:      -1  1  0  0  0  0  1  1
SecondOffset:     -2 -1  0  0  0 -1  0  1
ThirdOffset:       1  1  1  1 -1 -1  0 -1
FirstOffsetClip:  -1  1  0  0  0  0  1  1
SecondOffsetClip: -1 -1  0  0  0 -1  0  1
ThirdOffsetClip:   1  1  1  1 -1 -1  0 -1

Block 148:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
```

```
Row:1 S0:52 S01:36 S11:34 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:48 S11:45 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:8 S01:0 S11:0 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:12 S11:44 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:32 S01:0 S11:26 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:31 S01:12 S11:18 S02:36 S12:54 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:12 S11:31 S02:60 S12:65 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:45 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  0  1  2  0  2  2
Diff_de:           1  0  0  0 -1  0  1  2
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  1  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  3  3  0  2  4
# Filtered pixels: 3  3  4  4  3  3  3  4
# Filtered P pix:  0  0  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  0  0  1
FirstOffset:       1  0  0 -1 -2  0  1  2
SecondOffset:      0  1  0  0 -1  0  0  1
ThirdOffset:      -1  0  0  1  0 -1  1 -1
FirstOffsetClip:   1  0  0 -1 -1  0  1  1
SecondOffsetClip:  0  1  0  0 -1  0  0  1
ThirdOffsetClip:  -1  0  0  1  0 -1  1 -1

Block 149:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:26 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:65 S01:48 S11:32 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:47 S01:48 S11:42 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:0 S11:26 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:36 S11:44 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:73 S01:48 S11:37 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:49 S01:36 S11:39 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:8 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  4  2  4  3  2  4
Diff_de:           0 -1  1  0  1  1  0 -1
Diff_c:           -1 -1 -1 -1 -1  1 -1 -1
Diff_f:           -1  0 -1  1  1  0 -1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  3  1  2  2  2  0
# Filtered pixels: 3  3  3  4  4  3  4  3
# Filtered P pix:  1  0  0  1  1  0  1  1
# Filtered Q pix:  0  1  1  1  1  1  1  0
FirstOffset:       0 -1  1  0  2  1  0  0
SecondOffset:     -1 -2 -1  0  0  2 -1  0
ThirdOffset:      -1  1 -1  1  0  0 -1  1
FirstOffsetClip:   0 -1  1  0  2  1  0  0
SecondOffsetClip: -1 -1 -1  0  0  1 -1  0
ThirdOffsetClip:  -1  1 -1  1  0  0 -1  1

Block 150:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:70 S01:36 S11:34 S02:60 S12:45 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:60 S01:12 S11:18 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:0 S11:0 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:24 S11:29 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:0 S11:0 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:12 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:50 S01:24 S11:16 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  3  1  1  1  0  4
Diff_de:           0 -1  1  0  0  0  0  2
Diff_c:            1  1  0  0 -1  0  0  1
Diff_f:            1 -1  1  1  0  1  0 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  1  1  0  0  4
# Filtered pixels: 3  3  3  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  0  0  1  1  0  1  1
FirstOffset:       1 -1  1  0  0  0  0  2
SecondOffset:      1  0  1 -1 -1  0  0  2
ThirdOffset:       1 -1  1  0  0  1  0 -1
FirstOffsetClip:   1 -1  1  0  0  0  0  2
```

```
SecondOffsetClip:  1  0  1 -1 -1  0  0  2
ThirdOffsetClip:   1 -1  1  0  0  1  0 -1

Block 151:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:31 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:40 S01:24 S11:49 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:55 S01:36 S11:50 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:50 S01:48 S11:32 S02:36 S12:24 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:58 S01:24 S11:16 S02:48 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:16 S01:36 S11:54 S02:24 S12:62 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:12 S11:13 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:0 S11:52 S02:36 S12:24 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  3  4  4  4  0  3
Diff_de:           0  2  1 -1 -2 -1  0  1
Diff_c:            1 -1  1  1  1  1  0  0
Diff_f:            0  0  0 -1 -1 -1  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  3  2  1  3
# Filtered pixels: 4  3  2  2  3  3  4  3
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  1  0  0  0  0  1  1  0
FirstOffset:       0  2  1 -2 -2 -1  0  1
SecondOffset:      0  1  1  0 -1  0  0  1
ThirdOffset:       0  0  1  0  0  0 -1  0
FirstOffsetClip:   0  2  1 -2 -2 -1  0  1
SecondOffsetClip:  0  1  1  0 -1  0  0  1
ThirdOffsetClip:   0  0  1  0  0  0 -1  0

Block 152:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:49 S01:24 S11:26 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:24 S11:31 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:24 S11:26 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:24 S11:21 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:0 S01:12 S11:47 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:31 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:55 S01:12 S11:47 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  2  3  1  1  4  3
Diff_de:           0  1  0  1  0  0 -1 -1
Diff_c:           -1  1 -1  0  0  0  1 -1
Diff_f:           -1  1  1  1 -1  1  1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  1  2  0  0  3  2
# Filtered pixels: 3  4  3  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  1  0  1  1  0  1  1
FirstOffset:       0  1  0  1  0  0 -1 -1
SecondOffset:     -1  1 -1  0  0  0  0  0
ThirdOffset:      -1  0  1  0  0  1  1  0
FirstOffsetClip:   0  1  0  1  0  0 -1 -1
SecondOffsetClip: -1  1 -1  0  0  0  0  0
ThirdOffsetClip:  -1  0  1  0  0  1  1  0

Block 153:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:42 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:31 S01:24 S11:29 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:48 S11:45 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:55 S01:24 S11:31 S02:0 S12:65 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:29 S01:0 S11:39 S02:60 S12:65 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:21 S01:24 S11:49 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:24 S01:12 S11:21 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:36 S11:37 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  2  0  2  0
Diff_de:           0  0  0  1  1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  3  3  2  3  0
# Filtered pixels: 2  3  3  3  3  2  3  2
# Filtered P pix:  0  0  0  0  1  0  0  0
```

```
# Filtered Q pix:  0  1  1  1  0  0  1  0
FirstOffset:       0  0  1  1  1 -1 -1  0
SecondOffset:     -1  1  2  1  1  0  0  1
ThirdOffset:       0  0 -1 -1  1  0  1  1
FirstOffsetClip:   0  0  1  1  1 -1 -1  0
SecondOffsetClip: -1  1  1  1  1  0  0  1
ThirdOffsetClip:   0  0 -1 -1  1  0  1  1

Block 154:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:13 S02:12 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:13 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:37 S01:0 S11:0 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:42 S01:0 S11:39 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:32 S01:12 S11:31 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:47 S01:12 S11:18 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:47 S01:0 S11:0 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:0 S11:26 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  1  2  2  2  2  2  2
Diff_de:           0  0 -1 -1 -1 -1 -1 -1
Diff_c:           -1  1  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  4  4  4  3  4
# Filtered pixels: 4  3  3  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  0  0  1  1  1  0  1
FirstOffset:       0  0 -1 -1 -2 -1 -1 -1
SecondOffset:      0  0 -1 -1 -1 -1 -1 -1
ThirdOffset:       0 -1 -1  1  1  1  0  1
FirstOffsetClip:   0  0 -1 -1 -1 -1 -1 -1
SecondOffsetClip:  0  0 -1 -1 -1 -1 -1 -1
ThirdOffsetClip:   0 -1 -1  1  1  1  0  1

Block 155:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:0 S02:48 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:24 S11:26 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:29 S01:24 S11:26 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:47 S01:36 S11:24 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:48 S11:32 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:24 S11:16 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  3  1  3  4  3  4
Diff_de:           1  1  1  0 -1 -1  1  1
Diff_c:            0 -1  0  1  1  1 -1 -1
Diff_f:            0  0  1  0  0  1  0  1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  1  2  3  2  2
# Filtered pixels: 3  4  4  3  4  3  2  4
# Filtered P pix:  1  1  1  1  1  0  0  1
# Filtered Q pix:  0  1  1  0  1  1  0  1
FirstOffset:       1  1  1  0 -1 -1  1  1
SecondOffset:      1  0  0  1  0  0 -1  0
ThirdOffset:       1  0  0 -1  0  1  1  0
FirstOffsetClip:   1  1  1  0 -1 -1  1  1
SecondOffsetClip:  1  0  0  1  0  0 -1  0
ThirdOffsetClip:   1  0  0 -1  0  1  1  0

Block 156:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:39 S01:0 S11:26 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:32 S01:24 S11:31 S02:24 S12:36 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:0 S11:26 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:58 S01:12 S11:8 S02:48 S12:47 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:58 S01:36 S11:24 S02:72 S12:58 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:48 S01:0 S11:52 S02:48 S12:57 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:0 S11:0 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:0 S11:39 S02:12 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  0  2  2  0
Diff_de:           1  0  1 -1  0  1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  0  3  2  3  0  3
# Filtered pixels: 4  2  4  3  2  3  4  4
# Filtered P pix:  1  0  1  1  0  1  1  1
# Filtered Q pix:  1  0  1  0  0  0  1  1
FirstOffset:       1  2  0 -2  2  2  0 -1
SecondOffset:      1  1  0 -1  0  1  0 -1
ThirdOffset:      -1 -1  0  0  1  0  0  0
FirstOffsetClip:   1  1  0 -1  1  1  0 -1
SecondOffsetClip:  1  1  0 -1  0  1  0 -1
ThirdOffsetClip:  -1 -1  0  0  1  0  0  0

Block 157:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:39 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:72 S11:78 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:0 S01:24 S11:49 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:12 S11:47 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:48 S11:52 S02:36 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:65 S01:48 S11:52 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:32 S01:12 S11:57 S02:48 S12:37 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:18 S01:0 S11:65 S02:36 S12:24 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  0  1  2  4  3  3  1
Diff_de:           0  0  0  1  1  1  1  0
Diff_c:           -1  0  1  0 -1 -1  0  0
Diff_f:            0  0  0  0 -1  0  1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  1  4  2  2  3  0
# Filtered pixels: 3  3  4  4  2  3  3  3
# Filtered P pix:  0  0  1  1  0  0  1  1
# Filtered Q pix:  1  1  1  1  0  1  0  0
FirstOffset:       0  0  0  1  1  1  2  0
SecondOffset:     -1 -2  1  1 -1 -1  1  0
ThirdOffset:      -1  0  0 -1 -1  0  0 -1
FirstOffsetClip:   0  0  0  1  1  1  2  0
SecondOffsetClip: -1 -1  1  1 -1 -1  1  0
ThirdOffsetClip:  -1  0  0 -1 -1  0  0 -1

Block 158:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:52 S01:12 S11:8 S02:24 S12:21 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:32 S01:12 S11:47 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:49 S01:0 S11:52 S02:12 S12:57 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:8 S01:0 S11:26 S02:12 S12:47 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:16 S01:12 S11:31 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:37 S01:12 S11:18 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:39 S01:36 S11:29 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:47 S01:24 S11:49 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  2  2  2  2
Diff_de:           1  1  0  0 -1  1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  2  2  2  3
# Filtered pixels: 2  2  3  3  2  2  2  3
# Filtered P pix:  0  0  1  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       1  2  0  0 -1  1 -1 -1
SecondOffset:      0  1  0  0  0  0  0  0
ThirdOffset:       0  0  0  0  0  0  0  1
FirstOffsetClip:   1  1  0  0 -1  1 -1 -1
SecondOffsetClip:  0  1  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  1

Block 159:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:60 S01:36 S11:29 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:0 S11:0 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:24 S11:26 S02:72 S12:48 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:60 S11:50 S02:48 S12:47 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:32 S01:48 S11:42 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:73 S01:36 S11:39 S02:24 S12:62 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:18 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:12 S11:18 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  0  2  1  3  4  1  2
Diff_de:           1  0  0  0 -1 -1  0  0
Diff_c:           -1  0  1  0  1 -1  0  1
Diff_f:            0  0 -1 -1  0 -1  1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  2  3  2  1  0
# Filtered pixels: 3  4  3  2  3  3  4  3
# Filtered P pix:  0  1  1  0  0  0  1  1
# Filtered Q pix:  1  1  0  0  1  1  1  0
FirstOffset:       1  0 -1 -1 -2 -1  0  0
SecondOffset:      0  0  0 -2  0 -1  0  0
ThirdOffset:      -1  0 -1 -1  1  0  1 -1
FirstOffsetClip:   1  0 -1 -1 -2 -1  0  0
SecondOffsetClip:  0  0  0 -1  0 -1  0  0
ThirdOffsetClip:  -1  0 -1 -1  1  0  1 -1

Block 160:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:34 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:63 S01:0 S11:26 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:29 S01:0 S11:26 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:12 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:50 S01:72 S11:53 S02:36 S12:34 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:34 S01:12 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:48 S11:52 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:12 S11:34 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  3  3  3  2  3
Diff_de:           0  2 -1  1 -1 -1  0 -1
Diff_c:           -1  0  0  0  0 -1  1 -1
Diff_f:            1  0  0  1 -1  0  1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  4  4  3  2  4  3  3
# Filtered pixels: 3  4  4  4  2  4  3  4
# Filtered P pix:  0  1  1  1  0  1  0  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:       0  2 -1  1 -2 -1 -1 -1
SecondOffset:     -1  1 -1  1  1 -1  1  0
ThirdOffset:       1 -1  1  0  0  1  1  1
FirstOffsetClip:   0  2 -1  1 -2 -1 -1 -1
```

```
SecondOffsetClip: -1  1 -1  1  1 -1  1  0
ThirdOffsetClip:   1 -1  1  0  0  1  1  1

Block 161:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:49 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:0 S11:0 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:12 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:36 S11:24 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:50 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:45 S01:48 S11:32 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:36 S11:37 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:29 S02:12 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  2  2  2  4  3  0
Diff_de:           1  0  0  0 -1 -1  1  0
Diff_c:            1  0  1  1  0  1  0  0
Diff_f:           -1  0 -1 -1  0 -1  1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  1  1  4  2  2  1
# Filtered pixels: 4  4  4  4  4  3  3  4
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:       0  1  0  0 -2 -2  1  0
SecondOffset:      1  1  0  1 -1  0  0 -1
ThirdOffset:      -1  0 -1  0  1  0  1  0
FirstOffsetClip:   0  1  0  0 -2 -2  1  0
SecondOffsetClip:  1  1  0  1 -1  0  0 -1
ThirdOffsetClip:  -1  0 -1  0  1  0  1  0

Block 162:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:42 S01:36 S11:44 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:12 S11:60 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:24 S11:49 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
```

```
Row:6 S0:47 S01:0 S11:13 S02:48 S12:52 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:12 S11:8 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:8 S0:37 S01:24 S11:16 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  0  2  0  2
Diff_de:          -1  0  0  0  0  1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  0  3  0  2
# Filtered pixels: 3  2  3  3  4  3  4  2
# Filtered P pix:  1  0  1  0  1  1  1  0
# Filtered Q pix:  0  0  0  1  1  0  1  0
FirstOffset:       0  1  1  0  0  1  0  1
SecondOffset:      0  0  1 -1  0  1  0  0
ThirdOffset:       1  0 -2  0  0 -2  0  0
FirstOffsetClip:   0  1  1  0  0  1  0  1
SecondOffsetClip:  0  0  1 -1  0  1  0  0
ThirdOffsetClip:   1  0 -1  0  0 -1  0  0

Block 163:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:36 S01:60 S11:40 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:13 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:0 S11:26 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:36 S11:29 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:12 S11:8 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:24 S11:31 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:60 S11:53 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:73 S01:48 S11:32 S02:72 S12:73 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  2  2  3  4  0  3
Diff_de:           0  0 -1  0  1  1  0 -1
Diff_c:            0  0  0  1  0 -1  0 -1
Diff_f:            1 -1  0 -1 -1  1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  3  0  2  2  2  2
# Filtered pixels: 3  3  4  2  3  3  3  2
# Filtered P pix:  0  1  1  0  1  1  0  0
```

```
# Filtered Q pix:  1  0  1  0  0  0  1  0
FirstOffset:       0  0 -1  0  1  1  1 -1
SecondOffset:      1  0 -1  1  0  0  2 -2
ThirdOffset:       1 -1  0 -1 -1  0  0 -1
FirstOffsetClip:   0  0 -1  0  1  1  1 -1
SecondOffsetClip:  1  0 -1  1  0  0  1 -1
ThirdOffsetClip:   1 -1  0 -1 -1  0  0 -1

Block 164:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:55 S01:48 S11:47 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:29 S01:72 S11:73 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:12 S11:18 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:44 S01:48 S11:52 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:48 S11:52 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:44 S01:12 S11:31 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:7 S0:42 S01:12 S11:8 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:24 S11:55 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  2  0  0  2  2
Diff_de:           1 -1  0  1  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  0  0  2  2
# Filtered pixels: 2  3  3  2  2  4  3  2
# Filtered P pix:  0  0  1  0  0  1  1  0
# Filtered Q pix:  0  1  0  0  0  1  0  0
FirstOffset:       1 -1 -1  0  0  0  1 -1
SecondOffset:     -1  1  0  1  1  0  0 -1
ThirdOffset:      -1  0  0  1 -1  0  1  0
FirstOffsetClip:   1 -1 -1  0  0  0  1 -1
SecondOffsetClip: -1  1  0  1  1  0  0 -1
ThirdOffsetClip:  -1  0  0  1 -1  0  1  0

Block 165:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:60 S01:48 S11:57 S02:36 S12:24 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:0 S11:52 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:36 S11:24 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:24 S11:31 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:12 S11:70 S02:12 S12:47 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:31 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:24 S11:42 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  4  4  0  3  4  0
Diff_de:          -1  0  1 -1  0  1 -1  0
Diff_c:           -1  0  1  1  0  1 -1  0
Diff_f:           -1  1 -1  1  0  0  1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  1  3  0  3  4  0
# Filtered pixels: 2  4  3  4  4  4  4  4
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:      -1  0  0 -1  0  1 -1  0
SecondOffset:     -2  0  1  0  0  1 -1  0
ThirdOffset:       0  1 -1  1  0  0  1  0
FirstOffsetClip:  -1  0  0 -1  0  1 -1  0
SecondOffsetClip: -1  0  1  0  0  1 -1  0
ThirdOffsetClip:   0  1 -1  1  0  0  1  0

Block 166:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:13 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:37 S01:24 S11:16 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:8 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:18 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:39 S01:12 S11:21 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:31 S01:0 S11:0 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:24 S11:16 S02:36 S12:24 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:47 S01:24 S11:16 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  0  2  0  0  2
Diff_de:          -1  1 -1  0 -1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  3  0  0  2
# Filtered pixels: 4  2  3  2  4  4  2  2
# Filtered P pix:  1  0  1  0  1  1  0  0
# Filtered Q pix:  1  0  0  0  1  1  0  0
FirstOffset:       0  1  0  0 -1  0  0  1
SecondOffset:      0  0  0 -1  0  0 -1  0
ThirdOffset:       0  0 -1  1  1  0 -1 -1
FirstOffsetClip:   0  1  0  0 -1  0  0  1
SecondOffsetClip:  0  0  0 -1  0  0 -1  0
ThirdOffsetClip:   0  0 -1  1  1  0 -1 -1

Block 167:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:0 S11:0 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:44 S01:48 S11:42 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:60 S11:60 S02:12 S12:34 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:31 S01:36 S11:24 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:57 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:48 S11:37 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  1  4  1  1  0  1
Diff_de:           0 -1  0  1  0  0  0  0
Diff_c:           -1  1  0  1  0 -1  0 -1
Diff_f:           -1  1  1  1  1  0  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  1  1  3  1  0  1
# Filtered pixels: 4  4  4  3  3  4  4  3
# Filtered P pix:  1  1  1  0  0  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0 -1  0  0 -1  0  0  0
SecondOffset:     -1  0  0  1 -2 -1  0 -1
ThirdOffset:       0  1  1  1  1  0  0  1
FirstOffsetClip:   0 -1  0  0 -1  0  0  0
SecondOffsetClip: -1  0  0  1 -1 -1  0 -1
ThirdOffsetClip:   0  1  1  1  1  0  0  1

Block 168:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
```

```
Row:1 S0:21 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:24 S11:29 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:55 S01:12 S11:18 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:16 S01:12 S11:21 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:50 S01:36 S11:37 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:0 S11:26 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:36 S11:24 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  2  0  2  2  2  3
Diff_de:          -1  0 -1  0  0 -1  1  1
Diff_c:            0 -1  0  0  1  0  0  1
Diff_f:            1  0  0  0  1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 4  4  2  2  2  3  3  3
# Filtered pixels: 4  4  3  3  4  3  3  3
# Filtered P pix:  1  1  1  1  1  0  1  0
# Filtered Q pix:  1  1  0  0  1  1  0  1
FirstOffset:      -1 -1 -1 -1  0 -2  1  1
SecondOffset:     -1 -1  0  0  1 -2  1  1
ThirdOffset:       1  1 -1  0  1  1  0 -1
FirstOffsetClip:  -1 -1 -1 -1  0 -1  1  1
SecondOffsetClip: -1 -1  0  0  1 -1  1  1
ThirdOffsetClip:   1  1 -1  0  1  1  0 -1

Block 169:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:8 S01:60 S11:50 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:37 S01:24 S11:26 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:36 S11:50 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:62 S01:60 S11:45 S02:24 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:24 S01:12 S11:34 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:60 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:24 S11:31 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:47 S01:48 S11:37 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  3  1  1  4  0  3  3
Diff_de:           0  1  0  0 -1  0 -1  1
Diff_c:            0 -1  1  0 -1  0 -1 -1
Diff_f:            0  0  0  1 -1  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  1  3  2  4  3
# Filtered pixels: 3  3  2  3  3  4  4  3
# Filtered P pix:  0  1  0  0  1  1  1  0
# Filtered Q pix:  1  0  0  1  0  1  1  1
FirstOffset:       0  1  0  0 -1 -1 -1  1
SecondOffset:     -1  0  1  1 -1  0 -1 -1
ThirdOffset:       0  1  1  1  0  0  1 -1
FirstOffsetClip:   0  1  0  0 -1 -1 -1  1
SecondOffsetClip: -1  0  1  1 -1  0 -1 -1
ThirdOffsetClip:   0  1  1  1  0  0  1 -1

Block 170:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:58 S01:12 S11:8 S02:36 S12:34 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:44 S01:12 S11:34 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:24 S01:0 S11:26 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:32 S01:0 S11:52 S02:36 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:65 S01:0 S11:39 S02:24 S12:16 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:34 S01:12 S11:31 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:12 S11:8 S02:24 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:24 S01:12 S11:13 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  2  0  0  2  0
Diff_de:           0  0  1  1  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  3  2  2  2
# Filtered pixels: 2  2  3  3  3  2  2  2
# Filtered P pix:  0  0  1  1  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -2  0  1  2 -1 -1  1 -1
SecondOffset:     -1  0  1  1 -1  0  1 -1
ThirdOffset:       0  1  0  0  1 -1 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 171:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:0 S01:36 S11:39 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:36 S11:50 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:60 S11:40 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:12 S11:60 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:12 S11:31 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:29 S01:0 S11:0 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:45 S01:48 S11:52 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:8 S01:0 S11:13 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  4  2  2  2  2  3  0
Diff_de:           0 -1 -1  1  1 -1 -2  0
Diff_c:            1 -1  0  0  0  0  0  0
Diff_f:            0  1  0  0  0  0 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  3  3  3  3  0
# Filtered pixels: 3  3  2  4  4  4  3  3
# Filtered P pix:  0  0  0  1  1  1  0  1
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:       0  0 -1  1  1 -1 -2  0
SecondOffset:      1 -1  1  1  0 -1  0  0
ThirdOffset:       0  0  2  0 -1  0  1 -1
FirstOffsetClip:   0  0 -1  1  1 -1 -2  0
SecondOffsetClip:  1 -1  1  1  0 -1  0  0
ThirdOffsetClip:   0  0  1  0 -1  0  1 -1

Block 172:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:0 S01:36 S11:34 S02:12 S12:18 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:45 S01:36 S11:24 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:36 S11:24 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:24 S01:12 S11:18 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:34 S01:48 S11:37 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:31 S01:24 S11:21 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:24 S11:26 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  0  0  0  0
Diff_de:           0  1  0 -1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  0  0  0
# Filtered pixels: 2  2  2  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       0  2  0 -1  1  0  0  0
SecondOffset:     -1  0 -1  0 -1 -1  0 -1
ThirdOffset:       0 -1  1  0  0  0 -1 -1
FirstOffsetClip:   0  1  0 -1  1  0  0  0
SecondOffsetClip: -1  0 -1  0 -1 -1  0 -1
ThirdOffsetClip:   0 -1  1  0  0  0 -1 -1

Block 173:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:21 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:0 S11:52 S02:0 S12:13 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:16 S01:12 S11:8 S02:12 S12:13 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:29 S01:12 S11:44 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:36 S11:39 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:47 S01:12 S11:8 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:0 S01:36 S11:29 S02:12 S12:8 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:0 S01:12 S11:31 S02:12 S12:31 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  0  0  2  0  0
Diff_de:           0  1 -1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  2  2  2  2  0  0
# Filtered pixels: 2  4  2  2  2  2  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:       1  1 -1  1 -1 -1  0  0
SecondOffset:      0  1 -1  0  0 -1 -1  0
ThirdOffset:       0 -1  0  0 -1  1  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 174:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:0 S01:60 S11:50 S02:60 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:31 S01:0 S11:65 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:48 S11:57 S02:0 S12:78 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:62 S01:12 S11:44 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:5 S0:29 S01:0 S11:26 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:39 S01:60 S11:65 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:12 S11:47 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:12 S11:8 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  0  2  2  3  1  2  1
Diff_de:           0  0  1  1  1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  1 -1  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  3  2  2  0
# Filtered pixels: 2  3  3  4  3  2  3  3
# Filtered P pix:  0  1  0  1  1  0  1  1
# Filtered Q pix:  0  0  1  1  0  0  0  0
FirstOffset:       0  0  1  0  1 -1 -1  0
SecondOffset:      1  0 -1  0  1  1  0  0
ThirdOffset:      -1 -1 -1  0  0  0 -1  1
FirstOffsetClip:   0  0  1  0  1 -1 -1  0
SecondOffsetClip:  1  0 -1  0  1  1  0  0
ThirdOffsetClip:  -1 -1 -1  0  0  0 -1  1

Block 175:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:63 S02:60 S12:50 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:32 S01:24 S11:49 S02:0 S12:65 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:57 S01:48 S11:52 S02:36 S12:37 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:34 S01:0 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:48 S11:42 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:36 S11:34 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:36 S11:39 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  3  2  4  3  3  1
Diff_de:          -1  1 -1  0 -1 -1  1  0
Diff_c:           -1  0  1  1 -1  1 -1 -1
Diff_f:            0 -1  0  1  1  0  0  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  4  2  3  2  2  0
# Filtered pixels: 2  4  4  2  3  3  3  3
# Filtered P pix:  0  1  1  0  1  0  0  0
# Filtered Q pix:  0  1  1  0  0  1  1  1
FirstOffset:      -1  1 -2  1 -1 -1  1  0
SecondOffset:     -1  1 -1  2 -1  1  0 -1
ThirdOffset:      -1 -1  1  0  1  0  0  0
FirstOffsetClip:  -1  1 -2  1 -1 -1  1  0
SecondOffsetClip: -1  1 -1  1 -1  1  0 -1
ThirdOffsetClip:  -1 -1  1  0  1  0  0  0

Block 176:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:16 S01:36 S11:39 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:60 S01:0 S11:0 S02:48 S12:32 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:21 S01:12 S11:13 S02:36 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:12 S11:57 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:12 S11:21 S02:24 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:0 S11:0 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:12 S11:31 S02:12 S12:21 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:57 S01:24 S11:16 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 3  2  2  0  0  1  2  0
Diff_de:           1 -1  1  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:           -1  0  0  0  0 -1  0  0
```

```
'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  0  0  0  3  2
# Filtered pixels: 3  3  3  4  3  4  4  3
# Filtered P pix:  0  1  1  1  1  1  1  0
# Filtered Q pix:  1  0  0  1  0  1  1  1
FirstOffset:       1 -1  1  0  0  0  1 -1
SecondOffset:      0 -1  0  0  0  0  1  0
ThirdOffset:      -1 -1  0  0  1  0  0  0
FirstOffsetClip:   1 -1  1  0  0  0  1 -1
SecondOffsetClip:  0 -1  0  0  0  0  1  0
ThirdOffsetClip:  -1 -1  0  0  1  0  0  0

Block 177:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:36 S11:39 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:0 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:0 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:48 S11:42 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:29 S01:36 S11:29 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:36 S11:34 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:12 S11:21 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  1  0  2  2  3
Diff_de:          -1  0 -1  0  0 -1  1  1
Diff_c:            0  0  0  0  0  0  0  1
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  4  0  0  3  3  3
# Filtered pixels: 3  3  4  4  3  3  3  3
# Filtered P pix:  1  0  1  1  0  0  0  1
# Filtered Q pix:  0  1  1  1  1  1  1  0
FirstOffset:      -1  0 -1  0  0 -1  1  1
SecondOffset:     -1 -1 -1  0  1  0  1  1
ThirdOffset:       0  0  1  0  0  1 -1 -1
FirstOffsetClip:  -1  0 -1  0  0 -1  1  1
SecondOffsetClip: -1 -1 -1  0  1  0  1  1
ThirdOffsetClip:   0  0  1  0  0  1 -1 -1

Block 178:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
```

```
Row:1 S0:26 S01:36 S11:34 S02:60 S12:65 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:24 S01:36 S11:39 S02:48 S12:32 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:31 S01:24 S11:26 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:52 S01:12 S11:8 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:13 S01:0 S11:39 S02:60 S12:40 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:58 S01:24 S11:31 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:34 S01:0 S11:39 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:44 S01:12 S11:44 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  1  2  2  2  2  0
Diff_de:           0 -1  0 -1 -1 -2 -1  0
Diff_c:            0  0 -1  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  0  2  3  0
# Filtered pixels: 2  2  3  4  3  2  4  4
# Filtered P pix:  0  0  0  1  1  0  1  1
# Filtered Q pix:  0  0  1  1  0  0  1  1
FirstOffset:       0 -1  0 -1  0 -2 -1  0
SecondOffset:     -1  0 -1 -1  0 -1 -1  0
ThirdOffset:      -1 -1  0  0 -1  0  0  0
FirstOffsetClip:   0 -1  0 -1  0 -1 -1  0
SecondOffsetClip: -1  0 -1 -1  0 -1 -1  0
ThirdOffsetClip:  -1 -1  0  0 -1  0  0  0

Block 179:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:24 S11:55 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:73 S01:12 S11:57 S02:12 S12:57 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:39 S01:24 S11:31 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:0 S11:39 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:0 S11:13 S02:36 S12:63 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:24 S11:16 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:24 S11:31 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  2  4  2  4  3  3
Diff_de:           0  0  1 -1  0 -1 -1  1
Diff_c:            1  0  0 -1 -1 -1  0 -1
Diff_f:            0  1  0 -1 -1  1 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  3  3  3  4  2  2
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  1 -1 -1 -1 -1  1
SecondOffset:      1 -1  1 -1 -1 -1  0  0
ThirdOffset:       0  0  0  0  0  1  0  0
FirstOffsetClip:   0  0  1 -1 -1 -1 -1  1
SecondOffsetClip:  1 -1  1 -1 -1 -1  0  0
ThirdOffsetClip:   0  0  0  0  0  1  0  0

Block 180:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:55 S01:12 S11:44 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:48 S11:42 S02:36 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:12 S11:47 S02:36 S12:44 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:50 S01:60 S11:45 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:57 S01:12 S11:73 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:48 S11:37 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  1  3  3  0  2  2  2
Diff_de:          -1  0 -1 -1  0  1 -1 -1
Diff_c:            0  0 -1 -1  0  0  0  0
Diff_f:            0  1  0  0  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  3  0  3  2  2
# Filtered pixels: 4  2  4  4  3  3  4  2
# Filtered P pix:  1  0  1  1  1  0  1  0
# Filtered Q pix:  1  0  1  1  0  1  1  0
FirstOffset:      -1  0  0 -1  0  2 -1 -1
SecondOffset:     -1 -1 -1 -1  0  0  0  1
ThirdOffset:       0  1  0  0  1 -1  0  2
FirstOffsetClip:  -1  0  0 -1  0  1 -1 -1
```

```
SecondOffsetClip: -1 -1 -1 -1  0  0  0  1
ThirdOffsetClip:   0  1  0  0  1 -1  0  1

Block 181:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:48 S11:45 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:62 S01:0 S11:52 S02:24 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:57 S01:36 S11:34 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:12 S11:44 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:32 S01:12 S11:21 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:50 S01:48 S11:47 S02:24 S12:55 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:36 S11:49 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 1  2  0  0  0  2  3  2
Diff_de:           0 -1  0  0  0 -1 -1 -1
Diff_c:            1  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0 -1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  0  3  2  2
# Filtered pixels: 4  2  3  2  3  3  2  2
# Filtered P pix:  1  0  1  0  1  1  0  0
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:       0 -1  0  1  0 -2 -2 -1
SecondOffset:      0  1  0  0  0 -1  0 -1
ThirdOffset:       0 -1 -1 -2  1  0  1 -1
FirstOffsetClip:   0 -1  0  1  0 -1 -1 -1
SecondOffsetClip:  0  1  0  0  0 -1  0 -1
ThirdOffsetClip:   0 -1 -1 -1  1  0  1 -1

Block 182:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:37 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:42 S01:48 S11:62 S02:36 S12:37 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:48 S11:47 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:12 S11:8 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:0 S01:36 S11:50 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:13 S01:12 S11:8 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:60 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:24 S11:16 S02:48 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  2  3  2  1  0  3
Diff_de:           0  1  0  1  0  0  0  1
Diff_c:            1 -1 -1  0  1  0  0  0
Diff_f:            1  1  1  1  1 -1  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  3  2  1  0  2
# Filtered pixels: 4  3  2  4  4  4  4  3
# Filtered P pix:  1  0  0  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:      -1  1  1  1  0  0  0  1
SecondOffset:      0 -1 -1  1  1  0  0  0
ThirdOffset:       1  0  1  0  1 -1  0 -2
FirstOffsetClip:  -1  1  1  1  0  0  0  1
SecondOffsetClip:  0 -1 -1  1  1  0  0  0
ThirdOffsetClip:   1  0  1  0  1 -1  0 -1

Block 183:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:24 S01:36 S11:24 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:52 S01:60 S11:60 S02:36 S12:39 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:12 S11:13 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:36 S11:29 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:26 S01:0 S11:13 S02:48 S12:58 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:60 S11:55 S02:36 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:0 S01:36 S11:34 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:48 S11:62 S02:60 S12:60 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  3  1  3  1  3  1  3
Diff_de:           1 -1  0  1  0 -1  0 -1
Diff_c:           -1  0  0 -1  0  0  1  1
Diff_f:            1  1  1  0  1  1  0  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  0  1  0
# Filtered pixels: 2  2  4  3  3  2  3  2
# Filtered P pix:  0  0  1  0  1  0  0  0
```

```
# Filtered Q pix:  0  0  1  1  0  0  1  0
FirstOffset:       1 -1  0  1  0  0  0  0
SecondOffset:      0  1  0  0  0 -1  1  1
ThirdOffset:       1  1  0  0  1  1 -1 -1
FirstOffsetClip:   1 -1  0  1  0  0  0  0
SecondOffsetClip:  0  1  0  0  0 -1  1  1
ThirdOffsetClip:   1  1  0  0  1  1 -1 -1

Block 184:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:29 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:0 S11:52 S02:24 S12:49 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:12 S11:21 S02:12 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:49 S01:60 S11:40 S02:48 S12:52 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:8 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:63 S01:12 S11:47 S02:60 S12:65 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:37 S01:24 S11:16 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:78 S01:60 S11:60 S02:12 S12:13 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  0
Diff_de:           0 -1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  0  0  2  2  2
# Filtered pixels: 2  3  2  2  2  2  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0 -1  0  0  0 -2 -1 -1
SecondOffset:      1 -1  0  1  0 -1  0 -2
ThirdOffset:      -1  0  0  1  0  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 185:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:34 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:24 S11:31 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:72 S11:73 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:16 S01:60 S11:40 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:26 S01:24 S11:29 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:42 S01:12 S11:18 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:21 S01:36 S11:50 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:37 S01:12 S11:13 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  2  0  2  0  2
Diff_de:           0  0  0  1  0 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  0  2  2  3
# Filtered pixels: 2  2  3  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  1
FirstOffset:       0  1  0  1  0 -1 -1  1
SecondOffset:      1  0 -2 -1  1  0 -1  1
ThirdOffset:       0 -2  0  0  1  1  1 -1
FirstOffsetClip:   0  1  0  1  0 -1 -1  1
SecondOffsetClip:  1  0 -1 -1  1  0 -1  1
ThirdOffsetClip:   0 -1  0  0  1  1  1 -1

Block 186:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:39 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:0 S11:52 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:12 S11:60 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:49 S01:24 S11:49 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:49 S01:36 S11:34 S02:72 S12:53 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:31 S01:48 S11:42 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:37 S01:12 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:65 S01:60 S11:45 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 1  0  0  2  0  0  2  2
Diff_de:           0  0  0  0  0  0 -1  1
Diff_c:            0  0  0  1  0  0  0  0
Diff_f:            1  0  0  1  0  0  0  0
```

```
'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  0  2  0  0  3  2
# Filtered pixels: 3  4  4  4  2  3  4  2
# Filtered P pix:  0  1  1  1  0  0  1  0
# Filtered Q pix:  1  1  1  1  0  1  1  0
FirstOffset:       0  0  0  0  0  0 -1  1
SecondOffset:     -1  0  0  1  1  1 -1  2
ThirdOffset:       1  0  0  1  2  0  0  0
FirstOffsetClip:   0  0  0  0  0  0 -1  1
SecondOffsetClip: -1  0  0  1  1  1 -1  1
ThirdOffsetClip:   1  0  0  1  1  0  0  0

Block 187:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:24 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:0 S11:52 S02:72 S12:58 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:24 S11:42 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:50 S01:12 S11:47 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:5 S0:39 S01:12 S11:57 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:0 S01:48 S11:52 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:34 S01:0 S11:26 S02:24 S12:49 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:36 S11:63 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  0  2  2  0  0  1  3
Diff_de:          -1  0  0  2  0  0  0 -1
Diff_c:           -1  0  1  0  0  0  0  0
Diff_f:            1  0 -1  0  0  0  1  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  4  3  0  3  2
# Filtered pixels: 3  3  2  4  4  2  3  2
# Filtered P pix:  0  1  0  1  1  0  1  0
# Filtered Q pix:  1  0  0  1  1  0  0  0
FirstOffset:      -1  0  0  2 -1  0 -1 -1
SecondOffset:     -1  0  1  1 -1  1 -1 -1
ThirdOffset:       1  2 -1 -1  0 -1  1  1
FirstOffsetClip:  -1  0  0  1 -1  0 -1 -1
SecondOffsetClip: -1  0  1  1 -1  1 -1 -1
ThirdOffsetClip:   1  1 -1 -1  0 -1  1  1

Block 188:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
```

```
Row:1 S0:26 S01:0 S11:39 S02:72 S12:73 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:34 S01:24 S11:26 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:21 S01:24 S11:21 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:36 S11:24 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:60 S01:24 S11:49 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:42 S01:12 S11:8 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:21 S01:0 S11:0 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:24 S01:12 S11:57 S02:72 S12:53 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  4  1  2  2  2  0  2
Diff_de:           0  1  0  0  1  1  0  1
Diff_c:            0 -1  1  1  0  0  0  0
Diff_f:            0 -1  0 -1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  2  4  3  2
# Filtered pixels: 3  2  2  2  2  4  3  3
# Filtered P pix:  1  0  0  0  0  1  1  1
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       0  1 -1 -1  1  1  1  1
SecondOffset:      0  0  0  0  0  1  1  0
ThirdOffset:       2 -1  2  0 -1 -1 -2  1
FirstOffsetClip:   0  1 -1 -1  1  1  1  1
SecondOffsetClip:  0  0  0  0  0  1  1  0
ThirdOffsetClip:   1 -1  1  0 -1 -1 -1  1

Block 189:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:34 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:29 S01:24 S11:26 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:8 S01:24 S11:29 S02:24 S12:55 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:44 S01:12 S11:18 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:73 S01:36 S11:37 S02:24 S12:62 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:68 S01:12 S11:70 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:13 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:55 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  4  2  2  2  2  3
Diff_de:          -1  1 -1 -1  1  1  0 -1
Diff_c:            0  1  1  0  0  0  1  1
Diff_f:            0  0  1  0  0  0 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  2  3  0  0
# Filtered pixels: 2  2  2  4  2  3  3  2
# Filtered P pix:  0  0  0  1  0  1  0  0
# Filtered Q pix:  0  0  0  1  0  0  1  0
FirstOffset:      -1  1  0  0  1  2  0  0
SecondOffset:     -1  1  1  0  1  1  1  1
ThirdOffset:       1  0  1  0  0 -2  0 -1
FirstOffsetClip:  -1  1  0  0  1  1  0  0
SecondOffsetClip: -1  1  1  0  1  1  1  1
ThirdOffsetClip:   1  0  1  0  0 -1  0 -1

Block 190:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:24 S01:24 S11:26 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:50 S01:24 S11:26 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:60 S11:65 S02:12 S12:34 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:12 S11:8 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:54 S01:48 S11:52 S02:36 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:45 S01:24 S11:26 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:65 S01:36 S11:34 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:34 S01:12 S11:47 S02:36 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  0  2  1  4  3  3
Diff_de:           1 -2  0  0  0 -2 -1  1
Diff_c:           -1  1  0 -1  0  1 -1  0
Diff_f:            1  0  0  1  1 -1  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  0  0  0  4  2  2
# Filtered pixels: 3  4  3  4  2  4  3  3
# Filtered P pix:  1  1  0  1  0  1  0  1
# Filtered Q pix:  0  1  1  1  0  1  1  0
FirstOffset:       1 -2  0  0  0 -2 -1  1
SecondOffset:      0 -1 -1  0  1 -1 -1  0
ThirdOffset:       0  1  0  0  1  1  0  0
FirstOffsetClip:   1 -2  0  0  0 -2 -1  1
```

```
SecondOffsetClip:  0 -1 -1  0  1 -1 -1  0
ThirdOffsetClip:   0  1  0  0  1  1  0  0

Block 191:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:60 S01:48 S11:37 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:55 S01:36 S11:34 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:8 S01:36 S11:54 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:12 S11:34 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:12 S11:8 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:47 S01:12 S11:44 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:62 S01:24 S11:49 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:0 S01:24 S11:42 S02:48 S12:58 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  1  2  2  1
Diff_de:           1  1  1  0  0  1  1  0
Diff_c:            0  0  0  0  1  0  0  1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  3  1  1
# Filtered pixels: 2  2  3  4  3  3  4  3
# Filtered P pix:  0  0  0  1  1  1  1  1
# Filtered Q pix:  0  0  1  1  0  0  1  0
FirstOffset:       1  1  0 -1  0  1  0  0
SecondOffset:     -1  1 -1  0  0  1  1  1
ThirdOffset:      -2  1  0  0 -1  1  0  1
FirstOffsetClip:   1  1  0 -1  0  1  0  0
SecondOffsetClip: -1  1 -1  0  0  1  1  1
ThirdOffsetClip:  -1  1  0  0 -1  1  0  1

Block 192:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:0 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:24 S11:26 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:29 S01:0 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:60 S01:24 S11:29 S02:12 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:34 S01:12 S11:8 S02:48 S12:37 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  3  1  2  2  3  4
Diff_de:          -1 -1  1  0  1  1 -1 -1
Diff_c:            0 -1  0 -1  0  0  1 -1
Diff_f:           -1  0 -1  0  0  0  0 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  4  1  3  4  2  3
# Filtered pixels: 3  3  4  4  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  0  1  1  1  1  1  0
FirstOffset:      -1 -1  1  0  1  1 -1 -1
SecondOffset:     -1 -1  1 -1  1  1  0 -1
ThirdOffset:       0  2 -1  0  0 -1  0 -1
FirstOffsetClip:  -1 -1  1  0  1  1 -1 -1
SecondOffsetClip: -1 -1  1 -1  1  1  0 -1
ThirdOffsetClip:   0  1 -1  0  0 -1  0 -1

Block 193:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:21 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:44 S01:12 S11:18 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:3 S0:0 S01:36 S11:37 S02:24 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:63 S01:24 S11:21 S02:72 S12:63 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:52 S01:12 S11:57 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:44 S01:60 S11:45 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:47 S01:24 S11:36 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  1  2  2  0  2
Diff_de:           0  0  0  0  2  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  3  0  3
# Filtered pixels: 4  4  2  3  2  3  2  3
# Filtered P pix:  1  1  0  1  0  1  0  0
```

```
# Filtered Q pix:  1  1  0  0  0  0  0  1
FirstOffset:       0  0  0  0  2  1  0 -1
SecondOffset:      0  0 -1  0  1  1 -1  0
ThirdOffset:       0  0 -1 -1  1  1 -1  1
FirstOffsetClip:   0  0  0  0  1  1  0 -1
SecondOffsetClip:  0  0 -1  0  1  1 -1  0
ThirdOffsetClip:   0  0 -1 -1  1  1 -1  1

Block 194:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:39 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:49 S01:24 S11:31 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:24 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:0 S11:39 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:24 S11:21 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:48 S11:57 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:12 S11:31 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:18 S01:24 S11:31 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  3  1  1  1  2  2
Diff_de:           0  0 -1  0  0  0  0  0
Diff_c:           -1 -1 -1  0  1 -1  1 -1
Diff_f:            0 -1  0  1  0  0 -1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  4  3  1  0  2  2
# Filtered pixels: 4  4  4  4  4  3  3  4
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:       0  0 -1  1  0  0 -1  0
SecondOffset:     -1 -1 -1  1  1 -1  0 -1
ThirdOffset:       0 -1  1  0  0  0 -1  1
FirstOffsetClip:   0  0 -1  1  0  0 -1  0
SecondOffsetClip: -1 -1 -1  1  1 -1  0 -1
ThirdOffsetClip:   0 -1  1  0  0  0 -1  1

Block 195:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:58 S01:12 S11:34 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:36 S11:29 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:0 S11:26 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:24 S11:16 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:55 S01:24 S11:68 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:31 S01:36 S11:24 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:0 S11:26 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  1  2  4  3  2  2
Diff_de:           2  0  0  0 -1  1  0  0
Diff_c:            0 -1  0 -1 -1 -1  1 -1
Diff_f:            0  0  1 -1  1  0  1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  1  1  2  4  3  1  3
# Filtered pixels: 4  4  4  4  4  4  3  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  0
FirstOffset:       2  0  0  0 -1  1  0 -1
SecondOffset:      1 -1  0 -1 -1  0  1 -1
ThirdOffset:      -1  0  1 -1  1 -1  1 -1
FirstOffsetClip:   2  0  0  0 -1  1  0 -1
SecondOffsetClip:  1 -1  0 -1 -1  0  1 -1
ThirdOffsetClip:  -1  0  1 -1  1 -1  1 -1

Block 196:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:34 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:0 S11:65 S02:12 S12:60 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:50 S01:24 S11:16 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:60 S01:36 S11:24 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:73 S01:0 S11:65 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:60 S11:55 S02:72 S12:78 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:24 S01:48 S11:58 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  4  2  3  3  2  2  2
Diff_de:          -1 -1  1  2 -1  1  1 -1
Diff_c:            1 -1  0 -1  1  0  0  0
Diff_f:            0  1  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  4  3  3  3  2  3
# Filtered pixels: 3  4  4  3  3  4  2  3
# Filtered P pix:  0  1  1  1  0  1  0  0
# Filtered Q pix:  1  1  1  0  1  1  0  1
FirstOffset:      -1 -1  1  2 -1  1  1 -1
SecondOffset:      0 -1  1  1  0  1 -1  1
ThirdOffset:       1  1 -1  0  1  0  1  1
FirstOffsetClip:  -1 -1  1  2 -1  1  1 -1
SecondOffsetClip:  0 -1  1  1  0  1 -1  1
ThirdOffsetClip:   1  1 -1  0  1  0  1  1

Block 197:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:24 S11:16 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:57 S01:36 S11:24 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:65 S01:24 S11:36 S02:48 S12:52 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:31 S01:0 S11:26 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:65 S01:24 S11:36 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:0 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:48 S11:52 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  3  2  1  3  3  4
Diff_de:           0  1 -1  0  0 -1  1  1
Diff_c:            1  0  1 -1  0 -1  1  1
Diff_f:            0  0  0 -1  1  0  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  2  2  0  4  3  3
# Filtered pixels: 4  4  4  3  3  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  0
# Filtered Q pix:  1  1  1  0  0  1  1  1
FirstOffset:       0  1 -1  1  0 -1  1  1
SecondOffset:      1  0  0  0  0 -1  1  2
ThirdOffset:       0 -1  0 -2  1  1  0 -1
FirstOffsetClip:   0  1 -1  1  0 -1  1  1
SecondOffsetClip:  1  0  0  0  0 -1  1  1
ThirdOffsetClip:   0 -1  0 -1  1  1  0 -1

Block 198:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
```

```
Row:1 S0:36 S01:36 S11:39 S02:24 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:42 S01:24 S11:26 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:57 S01:12 S11:13 S02:36 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:60 S01:36 S11:34 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:45 S01:0 S11:39 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:8 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:24 S11:26 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  0  3  1  4  2  2  4
Diff_de:           0  0 -1  0  1  2  0  1
Diff_c:            0  0  1  0 -1  0  1  1
Diff_f:            1  0  0  1 -1  0  1 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  3  2  2  4  0  4
# Filtered pixels: 3  4  4  3  2  4  3  4
# Filtered P pix:  0  1  1  1  0  1  0  1
# Filtered Q pix:  1  1  1  0  0  1  1  1
FirstOffset:       0  0 -1 -1  1  2  0  1
SecondOffset:      1  0  0  0  0  1  1  1
ThirdOffset:       1  0  1  1 -1 -1  0 -1
FirstOffsetClip:   0  0 -1 -1  1  1  0  1
SecondOffsetClip:  1  0  0  0  0  1  1  1
ThirdOffsetClip:   1  0  1  1 -1 -1  0 -1

Block 199:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:13 S02:48 S12:32 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:26 S01:24 S11:16 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:36 S11:44 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:37 S01:24 S11:36 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:37 S01:48 S11:37 S02:48 S12:32 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:47 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:60 S01:48 S11:37 S02:36 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:36 S11:49 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  2  3  3  2  3  3
Diff_de:          -1  0  1  1  1  1 -1  1
Diff_c:            0 -1  0 -1  0  0  0  0
Diff_f:           -1  0  0  0  1  0 -1 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  0  3  2  3  2  3
# Filtered pixels: 3  3  2  4  2  3  2  3
# Filtered P pix:  1  1  0  1  0  1  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  1
FirstOffset:      -1  0  0  1  1  1 -1  1
SecondOffset:      0 -1 -1  0 -1  1 -2  1
ThirdOffset:      -1  1  1 -1  1  0  0 -1
FirstOffsetClip:  -1  0  0  1  1  1 -1  1
SecondOffsetClip:  0 -1 -1  0 -1  1 -1  1
ThirdOffsetClip:  -1  1  1 -1  1  0  0 -1

Block 200:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:55 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:32 S01:36 S11:37 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:60 S11:50 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:24 S11:42 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:57 S01:60 S11:45 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:36 S11:44 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:24 S11:21 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  0  2  1  4  1  2
Diff_de:           1 -1  0  0  0 -1  0  1
Diff_c:            1  0  0  1  0  1  1  0
Diff_f:            1 -1  0 -1  1  1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  1  1  2  2  1  2
# Filtered pixels: 4  4  4  3  4  2  4  4
# Filtered P pix:  1  1  1  0  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       1 -2  0  0  0 -1  0  1
SecondOffset:      1  0  1  1  1  1  1  0
ThirdOffset:       0  0  0 -1  1  2  0  0
FirstOffsetClip:   1 -2  0  0  0 -1  0  1
```

```
SecondOffsetClip:  1  0  1  1  1  1  1  0
ThirdOffsetClip:   0  0  0 -1  1  2  0  0

Block 201:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:34 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:52 S01:36 S11:34 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:44 S01:24 S11:21 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:32 S01:24 S11:26 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:48 S11:57 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:12 S11:13 S02:48 S12:45 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:32 S01:36 S11:49 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:26 S01:0 S11:13 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  2  0  2  2  0
Diff_de:           0  1  0  1  0 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  0  2  2  0
# Filtered pixels: 3  3  2  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  1
# Filtered Q pix:  1  1  0  0  0  0  0  0
FirstOffset:       0  1  0  2  0 -1  2  0
SecondOffset:      0  0  1  1 -1  0  0  0
ThirdOffset:       0 -1  0 -1  1  2 -1  0
FirstOffsetClip:   0  1  0  1  0 -1  1  0
SecondOffsetClip:  0  0  1  1 -1  0  0  0
ThirdOffsetClip:   0 -1  0 -1  1  1 -1  0

Block 202:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:37 S01:12 S11:34 S02:48 S12:45 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:29 S01:24 S11:16 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:16 S01:24 S11:16 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:13 S01:36 S11:44 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:12 S11:21 S02:12 S12:21 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
```

```
Row:6 S0:0 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:24 S01:0 S11:0 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:36 S01:0 S11:52 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  0  2  2  2  0
Diff_de:          -1  0  0  0 -1 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  0  4  0  3  0
# Filtered pixels: 3  2  3  3  4  3  3  4
# Filtered P pix:  1  0  0  0  1  1  1  1
# Filtered Q pix:  0  0  1  1  1  0  0  1
FirstOffset:      -1  1  1  0 -1  0  1  0
SecondOffset:      0  1  1 -1 -1  0  1  0
ThirdOffset:      -1  0 -1  0  1 -1 -1  0
FirstOffsetClip:  -1  1  1  0 -1  0  1  0
SecondOffsetClip:  0  1  1 -1 -1  0  1  0
ThirdOffsetClip:  -1  0 -1  0  1 -1 -1  0

Block 203:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:47 S01:36 S11:50 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:24 S11:29 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:24 S11:21 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:37 S01:48 S11:37 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:36 S11:49 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:49 S01:12 S11:31 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:24 S11:42 S02:72 S12:58 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:24 S11:49 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  1  3  2  1  2  3
Diff_de:           1  0  0  1  0  0  1  1
Diff_c:            1  0 -1 -1 -1  0  0 -1
Diff_f:            1 -1  0  0  1 -1  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  1  2  1  0  2  3
# Filtered pixels: 3  4  3  3  4  3  3  4
# Filtered P pix:  1  1  1  0  1  1  1  1
```

```
# Filtered Q pix:  0  1  0  1  1  0  0  1
FirstOffset:       1  0  0  1  0  0  1  1
SecondOffset:      1  1 -1 -1 -1  0  0  0
ThirdOffset:       1  0  1  0  0 -1  1 -1
FirstOffsetClip:   1  0  0  1  0  0  1  1
SecondOffsetClip:  1  1 -1 -1 -1  0  0  0
ThirdOffsetClip:   1  0  1  0  0 -1  1 -1

Block 204:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:16 S01:36 S11:39 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:36 S11:44 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:12 S11:31 S02:24 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:47 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:63 S01:36 S11:44 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:42 S01:36 S11:24 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:0 S11:52 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:48 S11:37 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  4  1  4  2  2  1
Diff_de:           1 -1 -1  0  1  1  1  0
Diff_c:           -1 -1 -1  0 -1  0  0  1
Diff_f:            0  0  1 -1 -1  0  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  1  1  3  2  3  0
# Filtered pixels: 4  4  4  4  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1 -1  0  0  2  1  1  0
SecondOffset:      0 -1  0  0  0  0  1  1
ThirdOffset:       0  0  1 -1 -2  0  0  0
FirstOffsetClip:   1 -1  0  0  2  1  1  0
SecondOffsetClip:  0 -1  0  0  0  0  1  1
ThirdOffsetClip:   0  0  1 -1 -2  0  0  0

Block 205:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:44 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:24 S11:42 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:24 S11:16 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:0 S11:39 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:57 S01:36 S11:49 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:0 S11:52 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:0 S11:39 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  2  0  3  4  4  4
Diff_de:           0 -1  0  0  2 -1 -1  1
Diff_c:           -1 -1  1  0  0 -1 -1  1
Diff_f:           -1  1 -1  0 -1 -1  1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  2  0  4  3  4  4
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  0  0  1 -1 -1  1
SecondOffset:      0 -1  1  0  1 -1 -1  1
ThirdOffset:      -1  1 -1  0 -1  0  1 -1
FirstOffsetClip:   0  0  0  0  1 -1 -1  1
SecondOffsetClip:  0 -1  1  0  1 -1 -1  1
ThirdOffsetClip:  -1  1 -1  0 -1  0  1 -1

Block 206:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:44 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:57 S01:12 S11:18 S02:36 S12:29 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:18 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:24 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:60 S11:50 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:36 S11:39 S02:48 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:34 S01:0 S11:26 S02:24 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:24 S11:31 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  1  2  0  0  1  1
Diff_de:           1  0  0 -1  0  0  0  0
Diff_c:            0  0  1  0  0  0  0  1
Diff_f:            0  0  0  0  0  0 -1  0
```

```
'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  2  2  0  3  3
# Filtered pixels: 3  3  4  3  2  2  3  3
# Filtered P pix:  0  1  1  1  0  0  1  0
# Filtered Q pix:  1  0  1  0  0  0  0  1
FirstOffset:       1 -1  0 -1 -1  0 -1 -1
SecondOffset:      0 -1  0  0  1  1 -1  0
ThirdOffset:      -1  0  0  0  2 -1  0  1
FirstOffsetClip:   1 -1  0 -1 -1  0 -1 -1
SecondOffsetClip:  0 -1  0  0  1  1 -1  0
ThirdOffsetClip:  -1  0  0  0  1 -1  0  1

Block 207:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:18 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:32 S01:12 S11:13 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:21 S01:48 S11:32 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:45 S01:72 S11:53 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:44 S01:0 S11:26 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:49 S01:36 S11:44 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:16 S01:12 S11:31 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:24 S01:0 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  2  2  0  0  2  4
Diff_de:          -1 -1  1 -2  0  0  1  1
Diff_c:            0  0  0  0  0  0  0  1
Diff_f:            0 -1  0  0  0  0  0 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  3  0  0  3  4
# Filtered pixels: 3  3  2  3  3  2  3  4
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  0  0  0  1  0  0  0  1
FirstOffset:      -1 -2  1 -2  0  0  1  1
SecondOffset:     -1 -1 -1  1  0 -1  1  1
ThirdOffset:       0  0  0  1 -1 -1 -1 -1
FirstOffsetClip:  -1 -1  1 -1  0  0  1  1
SecondOffsetClip: -1 -1 -1  1  0 -1  1  1
ThirdOffsetClip:   0  0  0  1 -1 -1 -1 -1

Block 208:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:0 S01:12 S11:57 S02:36 S12:44 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:49 S01:0 S11:26 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:32 S01:60 S11:50 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:8 S01:0 S11:26 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:5 S0:57 S01:36 S11:24 S02:12 S12:18 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:26 S01:24 S11:42 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:34 S01:12 S11:21 S02:36 S12:54 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:39 S01:48 S11:47 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  2  0  2  3
# Filtered pixels: 2  3  2  4  2  2  2  3
# Filtered P pix:  0  1  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  1
FirstOffset:       0  0  2  0  1  0  1 -1
SecondOffset:      0  0  0  0  1  1  1 -2
ThirdOffset:       1  0  0  0  0  0  0  1
FirstOffsetClip:   0  0  1  0  1  0  1 -1
SecondOffsetClip:  0  0  0  0  1  1  1 -1
ThirdOffsetClip:   1  0  0  0  0  0  0  1

Block 209:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:57 S01:72 S11:68 S02:36 S12:29 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:40 S01:0 S11:39 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:12 S11:47 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:45 S01:48 S11:42 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:60 S11:40 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:24 S11:31 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:48 S11:32 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  3  2  4  1  4  4
Diff_de:          -1  0 -2 -1 -2  0  1  1
Diff_c:           -1  0  0  0  1  1 -1  1
Diff_f:           -1  1 -1  0  1  0  1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  3  3  0  2  1
# Filtered pixels: 3  2  3  3  3  3  4  3
# Filtered P pix:  1  0  1  1  0  0  1  0
# Filtered Q pix:  0  0  0  0  1  1  1  1
FirstOffset:      -1  1 -2 -1 -2  0  1  0
SecondOffset:     -1  2 -1 -1  0  1  0  1
ThirdOffset:       0  0  0 -1  1  0  0  1
FirstOffsetClip:  -1  1 -2 -1 -2  0  1  0
SecondOffsetClip: -1  1 -1 -1  0  1  0  1
ThirdOffsetClip:   0  0  0 -1  1  0  0  1

Block 210:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:39 S01:48 S11:52 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:24 S11:55 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:60 S11:40 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:24 S11:16 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:39 S01:36 S11:29 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:8 S01:12 S11:18 S02:36 S12:24 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:50 S01:12 S11:8 S02:36 S12:24 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:0 S11:13 S02:72 S12:73 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  2  0  2  0
# Filtered pixels: 2  2  2  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1  0  1  0  1  0  2  0
SecondOffset:      2 -1  2 -1  0  0  1  0
ThirdOffset:       0 -1 -1 -1  1  1  0 -2
FirstOffsetClip:   1  0  1  0  1  0  1  0
```

```
SecondOffsetClip:  1 -1  1 -1  0  0  1  0
ThirdOffsetClip:   0 -1 -1 -1  1  1  0 -1

Block 211:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:18 S01:48 S11:32 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:48 S11:32 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:36 S01:0 S11:39 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:36 S11:29 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:24 S11:36 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:36 S11:44 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:48 S11:32 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:12 S11:21 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  1  1  3  1  3  4
Diff_de:           0  0  0  0  1  0 -1  1
Diff_c:            1 -1  0  1 -1 -1  1  1
Diff_f:            0  1 -1  0  0  0  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  1  3  2  0  3  4
# Filtered pixels: 3  2  4  3  4  3  3  4
# Filtered P pix:  0  0  1  0  1  0  0  1
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:       0  1  0  1  1  0 -1  1
SecondOffset:      1 -1  0  1  0 -1  1  1
ThirdOffset:       0  1 -1 -1  0  0  1 -1
FirstOffsetClip:   0  1  0  1  1  0 -1  1
SecondOffsetClip:  1 -1  0  1  0 -1  1  1
ThirdOffsetClip:   0  1 -1 -1  0  0  1 -1

Block 212:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:13 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:42 S01:12 S11:60 S02:24 S12:55 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:60 S01:0 S11:52 S02:60 S12:53 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:39 S01:24 S11:26 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:0 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
```

```
Row:6 S0:50 S01:12 S11:34 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:29 S01:24 S11:42 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:24 S01:48 S11:47 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  2  0  2  2  0
Diff_de:           1  1 -1  1  0  2 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  3  0  4  2  2
# Filtered pixels: 3  3  3  3  4  4  3  2
# Filtered P pix:  1  1  1  0  1  1  0  0
# Filtered Q pix:  0  0  0  1  1  1  1  0
FirstOffset:       0  1 -1  1  0  2 -1  1
SecondOffset:      0  0 -1  1  0  1 -1 -1
ThirdOffset:       1 -1 -1 -1  0 -1  0  0
FirstOffsetClip:   0  1 -1  1  0  1 -1  1
SecondOffsetClip:  0  0 -1  1  0  1 -1 -1
ThirdOffsetClip:   1 -1 -1 -1  0 -1  0  0

Block 213:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:31 S02:24 S12:16 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:49 S01:12 S11:60 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:24 S11:36 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:48 S11:45 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:12 S11:47 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:45 S01:48 S11:32 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:36 S11:50 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:12 S11:34 S02:60 S12:65 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  4  2  2  0
# Filtered pixels: 2  3  3  2  4  2  2  3
# Filtered P pix:  0  1  0  0  1  0  0  1
```

```
# Filtered Q pix:  0  0  1  0  1  0  0  0
FirstOffset:       0  0  0  0 -1 -2  1  0
SecondOffset:     -1  0  1  1 -1  0  0  0
ThirdOffset:      -1  1  0  1  1  1  0  1
FirstOffsetClip:   0  0  0  0 -1 -1  1  0
SecondOffsetClip: -1  0  1  1 -1  0  0  0
ThirdOffsetClip:  -1  1  0  1  1  1  0  1

Block 214:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:8 S02:24 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:24 S11:42 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:44 S01:48 S11:57 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:16 S01:24 S11:16 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:36 S11:34 S02:12 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:12 S11:31 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:34 S01:12 S11:44 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:29 S01:36 S11:34 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:          -1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  2  2  0  2  2
# Filtered pixels: 2  3  2  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  0  1  0  0
FirstOffset:      -1  1  0  1 -1  0 -1 -1
SecondOffset:      0  1 -1  0 -1  0 -1  0
ThirdOffset:       1 -1 -1  0  1  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 215:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:31 S01:48 S11:52 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:48 S11:47 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:26 S01:24 S11:21 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:47 S01:36 S11:37 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:8 S01:0 S11:39 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:12 S11:60 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:7 S0:26 S01:0 S11:26 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:48 S11:52 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  0  0  0  2
# Filtered pixels: 2  3  3  2  3  3  3  2
# Filtered P pix:  0  0  0  0  1  0  1  0
# Filtered Q pix:  0  1  1  0  0  1  0  0
FirstOffset:       0 -1  0 -1  0  0  0 -1
SecondOffset:      1  1  1 -1  0  0  0 -2
ThirdOffset:       1  1  0  0 -1  0  0  1
FirstOffsetClip:   0 -1  0 -1  0  0  0 -1
SecondOffsetClip:  1  1  1 -1  0  0  0 -1
ThirdOffsetClip:   1  1  0  0 -1  0  0  1

Block 216:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:29 S01:48 S11:45 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:0 S11:13 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:26 S01:12 S11:8 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:0 S01:36 S11:49 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:37 S01:0 S11:39 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:37 S01:24 S11:21 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:13 S01:0 S11:0 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:58 S01:12 S11:13 S02:48 S12:32 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  0  2  0  0  0
Diff_de:           0  1 -1  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  4  2  0  2
# Filtered pixels: 2  3  2  2  4  2  3  2
# Filtered P pix:  0  1  0  0  1  0  1  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       1  1  0  0  1  1  0 -2
SecondOffset:     -1  1  0 -1  1  1  0 -1
ThirdOffset:       0 -1 -1  1 -1  0  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 217:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:8 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:24 S01:24 S11:31 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:29 S01:12 S11:60 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:52 S01:60 S11:45 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:12 S11:31 S02:12 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:36 S01:12 S11:31 S02:36 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:18 S01:24 S11:49 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:24 S01:24 S11:16 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  0  0  0  0  2
Diff_de:           1  1 -1  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  2  0  0  2
# Filtered pixels: 3  2  3  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  1  0  0  0  1  0
FirstOffset:       1  1 -1 -1 -1  0  0 -1
SecondOffset:      0  0 -1  1 -1  0  1  0
ThirdOffset:      -1 -1  1  1  1 -1  0  0
FirstOffsetClip:   1  1 -1 -1 -1  0  0 -1
SecondOffsetClip:  0  0 -1  1 -1  0  1  0
ThirdOffsetClip:  -1 -1  1  1  1 -1  0  0

Block 218:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:36 S01:24 S11:29 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:24 S11:21 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:8 S01:24 S11:16 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:78 S01:60 S11:60 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:39 S01:12 S11:21 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:0 S01:12 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:31 S01:24 S11:36 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:70 S01:60 S11:60 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  2  0  0  0  2
Diff_de:           0 -1  0 -1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  2  0  0  2
# Filtered pixels: 3  3  2  3  3  3  3  3
# Filtered P pix:  0  0  0  0  1  1  0  0
# Filtered Q pix:  1  1  0  1  0  0  1  1
FirstOffset:       0 -1  0 -1  1  0  0 -1
SecondOffset:      1 -1  1  1  0  0 -1 -2
ThirdOffset:       0  1 -1  1 -2  1  0  0
FirstOffsetClip:   0 -1  0 -1  1  0  0 -1
SecondOffsetClip:  1 -1  1  1  0  0 -1 -1
ThirdOffsetClip:   0  1 -1  1 -1  1  0  0

Block 219:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:18 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:12 S11:44 S02:12 S12:13 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:48 S11:32 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:12 S11:31 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:16 S01:48 S11:47 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:65 S01:48 S11:42 S02:60 S12:50 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:26 S01:24 S11:16 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:60 S11:50 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  2  2  0  0
# Filtered pixels: 2  2  2  2  2  2  3  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  1
FirstOffset:       1  1 -1  0  1  1  0  0
SecondOffset:      0  0 -2  0  2 -1  1 -1
ThirdOffset:       0  0  1  1 -1 -2  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 220:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:16 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:24 S11:16 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:24 S01:24 S11:26 S02:60 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:16 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:65 S01:12 S11:21 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:24 S01:36 S11:44 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:12 S11:57 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:44 S01:48 S11:57 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  1  2  3  2  3  2  0
Diff_de:           1  0  1  1  1 -1 -1  0
Diff_c:           -1 -1  0  1  0  0  0  0
Diff_f:            0  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  3  3  2  4  0
# Filtered pixels: 3  2  2  4  3  2  4  2
# Filtered P pix:  0  0  0  1  1  0  1  0
# Filtered Q pix:  1  0  0  1  0  0  1  0
FirstOffset:       1  0  1  1  1 -1 -1  0
SecondOffset:      0 -1  0  1  1  0 -1  1
ThirdOffset:      -1 -1  1  0  0  0  1  1
FirstOffsetClip:   1  0  1  1  1 -1 -1  0
```

```
SecondOffsetClip:  0 -1  0  1  1  0 -1  1
ThirdOffsetClip:  -1 -1  1  0  0  0  1  1

Block 221:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:0 S01:36 S11:50 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:12 S11:34 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:70 S01:48 S11:42 S02:48 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:49 S01:48 S11:47 S02:12 S12:70 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:12 S11:8 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:57 S01:12 S11:34 S02:48 S12:57 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:24 S11:16 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:60 S11:40 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  1  0  3  2
Diff_de:           0  0  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0 -1  0
Diff_f:            0  0  0  0  1  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  0  3  3  2  3
# Filtered pixels: 2  4  2  3  4  3  3  3
# Filtered P pix:  0  1  0  0  1  1  1  0
# Filtered Q pix:  0  1  0  1  1  0  0  1
FirstOffset:       0 -1 -1  0 -1 -1  1 -1
SecondOffset:      1  0  1 -1  0 -1  0  1
ThirdOffset:      -1  1  2  0  1  2 -2  1
FirstOffsetClip:   0 -1 -1  0 -1 -1  1 -1
SecondOffsetClip:  1  0  1 -1  0 -1  0  1
ThirdOffsetClip:  -1  1  1  0  1  1 -1  1

Block 222:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:37 S01:48 S11:57 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:24 S11:42 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:12 S11:13 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:48 S11:42 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:31 S01:72 S11:78 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:50 S01:0 S11:0 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:32 S01:36 S11:34 S02:24 S12:42 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  1  2  0  0  2  3
Diff_de:          -1  1  0 -1  0  0  1 -2
Diff_c:            0 -1 -1  0  0  0  0  0
Diff_f:           -1  0  0  0  0  0  0 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  2  0  0  3  2
# Filtered pixels: 2  3  3  3  3  3  3  2
# Filtered P pix:  0  0  0  1  0  0  1  0
# Filtered Q pix:  0  1  1  0  1  1  0  0
FirstOffset:      -1  1  1 -1  0  0  2 -2
SecondOffset:      1  0  0  0 -1 -2  1  0
ThirdOffset:       0 -1 -1  0  0  0  0  1
FirstOffsetClip:  -1  1  1 -1  0  0  1 -1
SecondOffsetClip:  1  0  0  0 -1 -1  1  0
ThirdOffsetClip:   0 -1 -1  0  0  0  0  1

Block 223:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:60 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:39 S01:12 S11:44 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:36 S11:34 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:0 S11:0 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:36 S11:29 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:12 S11:34 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:24 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:12 S11:13 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  2  3  1  2  3  2  2
Diff_de:           0  0 -1  0  0 -1  0  0
Diff_c:            0  1 -1  0  1 -1 -1  1
Diff_f:            0  1  0  1  1  0 -1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  1  0  3  2  1
# Filtered pixels: 4  3  3  4  3  4  4  4
# Filtered P pix:  1  1  0  1  0  1  1  1
```

```
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:       0  1 -1  0  0 -1  0  0
SecondOffset:      0  1 -1  0  1 -1 -1  0
ThirdOffset:       0  1  0  1  0  0 -1  1
FirstOffsetClip:   0  1 -1  0  0 -1  0  0
SecondOffsetClip:  0  1 -1  0  1 -1 -1  0
ThirdOffsetClip:   0  1  0  1  0  0 -1  1

Block 224:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:16 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:48 S11:47 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:52 S01:12 S11:57 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:24 S11:42 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:42 S01:12 S11:34 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:42 S01:12 S11:21 S02:60 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:24 S11:29 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:0 S11:26 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  1  3  3  2  3  2
Diff_de:           0 -1  0 -1  1  1  1 -1
Diff_c:            0  0  0 -1  0  0  1  0
Diff_f:           -1  0  1  0 -1  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  3  3  3  2  4
# Filtered pixels: 3  2  3  3  3  3  3  4
# Filtered P pix:  0  0  1  0  1  1  0  1
# Filtered Q pix:  1  0  0  1  0  0  1  1
FirstOffset:      -1 -2 -1 -1  1  1  1 -1
SecondOffset:      0  0  0 -1  1  1  1 -1
ThirdOffset:       0  0  1  1 -1  1  0  1
FirstOffsetClip:  -1 -1 -1 -1  1  1  1 -1
SecondOffsetClip:  0  0  0 -1  1  1  1 -1
ThirdOffsetClip:   0  0  1  1 -1  1  0  1

Block 225:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:44 S01:12 S11:8 S02:72 S12:53 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:57 S01:60 S11:60 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:16 S01:0 S11:52 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:29 S01:12 S11:34 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:44 S01:60 S11:45 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:18 S01:24 S11:29 S02:48 S12:52 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:24 S01:12 S11:13 S02:24 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:31 S01:24 S11:21 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  2  0  0  2  0
Diff_de:           1  0  1  1  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  3  0  0  3  0
# Filtered pixels: 3  2  3  4  2  2  3  2
# Filtered P pix:  1  0  1  1  0  0  1  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0  1  1  1  0  0  1  0
SecondOffset:      0 -1  1  0  1  1  1  1
ThirdOffset:       2 -2  0 -1  1 -1  0  1
FirstOffsetClip:   0  1  1  1  0  0  1  0
SecondOffsetClip:  0 -1  1  0  1  1  1  1
ThirdOffsetClip:   1 -1  0 -1  1 -1  0  1

Block 226:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:37 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:60 S11:50 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:44 S01:60 S11:50 S02:48 S12:47 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:12 S11:18 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:60 S01:36 S11:39 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:16 S01:0 S11:13 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:36 S11:34 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:12 S11:21 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  4  2  2  3  4  2  3
Diff_de:           0  1  0 -1  1 -1  0 -1
Diff_c:           -1  1 -1  0 -1 -1  1 -1
Diff_f:            0  1 -1  0  0  1 -1  0
```

```
'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  0  2  2  4  1  2
# Filtered pixels: 4  3  2  4  4  4  4  3
# Filtered P pix:  1  0  0  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:       0  0  0 -1  1 -1  0 -1
SecondOffset:     -1  1 -1  0  0 -1  1  0
ThirdOffset:       0  1 -1  0  0  1  0  2
FirstOffsetClip:   0  0  0 -1  1 -1  0 -1
SecondOffsetClip: -1  1 -1  0  0 -1  1  0
ThirdOffsetClip:   0  1 -1  0  0  1  0  1

Block 227:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:47 S02:48 S12:52 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:0 S11:13 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:70 S01:48 S11:37 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:70 S01:24 S11:49 S02:60 S12:60 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:31 S01:12 S11:21 S02:72 S12:53 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:39 S01:0 S11:39 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:50 S01:36 S11:44 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:29 S01:12 S11:60 S02:48 S12:57 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  2
Diff_de:           0 -1  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  2  0  4  2  2
# Filtered pixels: 2  3  2  2  2  4  2  2
# Filtered P pix:  0  1  0  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       1 -1 -1 -1  0  1 -2  1
SecondOffset:      0 -1  1 -1  0  1  0  1
ThirdOffset:       1  1  1 -1  2 -1  0  1
FirstOffsetClip:   1 -1 -1 -1  0  1 -1  1
SecondOffsetClip:  0 -1  1 -1  0  1  0  1
ThirdOffsetClip:   1  1  1 -1  1 -1  0  1

Block 228:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:0 S11:13 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:0 S11:26 S02:60 S12:40 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:0 S11:26 S02:12 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:24 S11:29 S02:0 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:34 S01:48 S11:37 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:36 S01:48 S11:47 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:8 S01:60 S11:40 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  4  0  1  2  0  0
Diff_de:          -1  1  1  0  0  1  0  0
Diff_c:            0  0  1  0 -1  0  0  0
Diff_f:            0  0 -1  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  0  3  2  0  0
# Filtered pixels: 3  3  3  4  3  2  2  3
# Filtered P pix:  1  1  0  1  0  0  0  0
# Filtered Q pix:  0  0  1  1  1  0  0  1
FirstOffset:      -1  1  1  0  1  1  0  0
SecondOffset:     -1  1  1  0  0 -1 -1 -1
ThirdOffset:       2  1 -1  0 -1  0 -1  0
FirstOffsetClip:  -1  1  1  0  1  1  0  0
SecondOffsetClip: -1  1  1  0  0 -1 -1 -1
ThirdOffsetClip:   1  1 -1  0 -1  0 -1  0

Block 229:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:31 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:24 S01:12 S11:44 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:50 S01:24 S11:62 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:42 S01:60 S11:60 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:16 S01:36 S11:24 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:36 S11:24 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:60 S11:70 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:8 S01:24 S11:31 S02:36 S12:24 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  0  0  0  0  0
Diff_de:           1  1  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  2  2  0  0  0
# Filtered pixels: 2  2  3  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:       1  1  2  1 -1  0  0  0
SecondOffset:      0  0  1 -1 -1  1 -1  1
ThirdOffset:       1  0 -1  0  1 -1  0 -1
FirstOffsetClip:   1  1  1  1 -1  0  0  0
SecondOffsetClip:  0  0  1 -1 -1  1 -1  1
ThirdOffsetClip:   1  0 -1  0  1 -1  0 -1

Block 230:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:52 S01:48 S11:62 S02:24 S12:29 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:54 S01:24 S11:21 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:13 S01:24 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:0 S11:0 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:12 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:24 S11:16 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  2  1  0  1  2  1
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0 -1  1 -1  0 -1 -1  1
Diff_f:            1  0  1  0  0  0 -1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  1  0  1  2  0
# Filtered pixels: 3  4  4  4  3  4  4  4
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:      -1  0  0  0  0  0  0  0
SecondOffset:     -2  0  1 -1  0  0 -1  0
ThirdOffset:       1  0  1  0 -1 -1 -1  0
FirstOffsetClip:  -1  0  0  0  0  0  0  0
```

```
SecondOffsetClip: -1  0  1 -1  0  0 -1  0
ThirdOffsetClip:   1  0  1  0 -1 -1 -1  0

Block 231:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:40 S01:60 S11:65 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:39 S01:36 S11:44 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:48 S11:37 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:24 S11:16 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:48 S11:37 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:24 S01:0 S11:13 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:48 S11:42 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:24 S01:12 S11:60 S02:24 S12:49 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  1  3  1  4  1  3
Diff_de:           2 -1  0 -1  0 -1  0 -1
Diff_c:            0 -1  1  0 -1 -1 -1  0
Diff_f:           -1  0  0 -1  0 -1  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  0  3  0  3
# Filtered pixels: 3  3  3  3  3  3  3  4
# Filtered P pix:  0  0  0  1  0  1  0  1
# Filtered Q pix:  1  1  1  0  1  0  1  1
FirstOffset:       2 -1  0 -1  0 -1  0 -1
SecondOffset:      0 -1  1  0 -1 -1 -1 -1
ThirdOffset:      -1  0  0  0  0 -1  0  0
FirstOffsetClip:   2 -1  0 -1  0 -1  0 -1
SecondOffsetClip:  0 -1  1  0 -1 -1 -1 -1
ThirdOffsetClip:  -1  0  0  0  0 -1  0  0

Block 232:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:49 S01:36 S11:39 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:36 S11:39 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:31 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:24 S11:29 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:47 S01:24 S11:16 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
```

```
Row:6 S0:47 S01:0 S11:39 S02:60 S12:45 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:47 S01:36 S11:49 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:24 S11:21 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  2  2  2
Diff_de:           0  0  1  0  1 -1 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  3  3  2  2
# Filtered pixels: 2  2  4  2  3  3  3  3
# Filtered P pix:  0  0  1  0  0  1  0  0
# Filtered Q pix:  0  0  1  0  1  0  1  1
FirstOffset:       0  0  1  0  1 -1 -1  1
SecondOffset:      1  1  0 -1  0 -1  0  1
ThirdOffset:       1 -1 -1 -1 -1 -1  0  0
FirstOffsetClip:   0  0  1  0  1 -1 -1  1
SecondOffsetClip:  1  1  0 -1  0 -1  0  1
ThirdOffsetClip:   1 -1 -1 -1 -1 -1  0  0

Block 233:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:31 S01:0 S11:13 S02:24 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:57 S01:72 S11:73 S02:24 S12:16 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:24 S01:12 S11:8 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:0 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:6 S0:42 S01:24 S11:21 S02:24 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:8 S0:13 S01:36 S11:34 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0 -1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  0  2  0  0
# Filtered pixels: 3  2  2  2  3  2  3  2
# Filtered P pix:  1  0  0  0  0  0  1  0
```

```
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       0  1 -1  0  0 -1  0  0
SecondOffset:      0 -1  0  1  0  0  0 -1
ThirdOffset:       1 -1  1 -1  0  0  0  0
FirstOffsetClip:   0  1 -1  0  0 -1  0  0
SecondOffsetClip:  0 -1  0  1  0  0  0 -1
ThirdOffsetClip:   1 -1  1 -1  0  0  0  0

Block 234:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:44 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:29 S01:24 S11:16 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:48 S01:12 S11:31 S02:0 S12:65 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:18 S01:12 S11:44 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:8 S01:0 S11:52 S02:24 S12:16 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:65 S01:0 S11:39 S02:60 S12:50 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:52 S01:48 S11:42 S02:12 S12:13 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:26 S01:24 S11:31 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  0  3  2  0
# Filtered pixels: 3  2  3  2  3  3  2  2
# Filtered P pix:  0  0  0  0  1  1  0  0
# Filtered Q pix:  1  0  1  0  0  0  0  0
FirstOffset:       0 -1 -2  0  0 -1  1  0
SecondOffset:      0  0 -1  0  0 -1 -1 -1
ThirdOffset:       0  0  1  0  1 -1 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 235:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:31 S02:60 S12:53 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:49 S01:48 S11:47 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:36 S11:34 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:36 S01:36 S11:44 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:48 S11:32 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:0 S11:39 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:58 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:47 S01:24 S11:42 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  1  1  4  2  3  3
Diff_de:          -1  0  0  0 -1  0  2 -1
Diff_c:            0  1  1 -1 -1  1  0 -1
Diff_f:            1  1  0  0  1  1 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  1  1  2  1  3  4
# Filtered pixels: 3  3  4  4  2  4  4  4
# Filtered P pix:  1  0  1  1  0  1  1  1
# Filtered Q pix:  0  1  1  1  0  1  1  1
FirstOffset:      -1  0  0  0 -1  0  2 -1
SecondOffset:      0  1  1 -1 -2  0  0 -1
ThirdOffset:       2  1  0  0  2  1 -2  1
FirstOffsetClip:  -1  0  0  0 -1  0  2 -1
SecondOffsetClip:  0  1  1 -1 -2  0  0 -1
ThirdOffsetClip:   2  1  0  0  2  1 -2  1

Block 236:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:44 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:13 S01:48 S11:37 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:55 S01:24 S11:16 S02:24 S12:31 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:13 S01:36 S11:50 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:48 S11:47 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:37 S01:12 S11:21 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:13 S01:12 S11:8 S02:12 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:16 S01:48 S11:37 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  2  2  0  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  1  0  1  1  0 -1
SecondOffset:      0 -1  1 -1 -1  0  0  1
ThirdOffset:       0 -1  0  0 -1  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 237:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:0 S01:36 S11:50 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:52 S01:24 S11:36 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:26 S01:24 S11:29 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:47 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:8 S01:12 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:52 S01:0 S11:26 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:34 S01:24 S11:29 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:34 S01:36 S11:24 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 1  3  2  3  1  3  3  4
Diff_de:           0 -1  0  1  0  1 -1  1
Diff_c:           -1 -2 -1  0  0  0 -1  1
Diff_f:            0  0 -1 -1  1 -2  0 -2

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  2  3  1  3  4  4
# Filtered pixels: 4  4  4  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0 -1  0  1  0  1 -1  1
SecondOffset:     -1 -1 -1  0  0  1 -1  1
ThirdOffset:       0  0 -1 -1  1 -2  1 -1
FirstOffsetClip:   0 -1  0  1  0  1 -1  1
SecondOffsetClip: -1 -1 -1  0  0  1 -1  1
ThirdOffsetClip:   0  0 -1 -1  1 -2  1 -1

Block 238:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
```

```
Row:1 S0:52 S01:72 S11:78 S02:12 S12:18 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:0 S01:0 S11:52 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:65 S01:60 S11:65 S02:12 S12:31 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:16 S01:12 S11:31 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:16 S01:12 S11:13 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:37 S01:12 S11:31 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:48 S11:52 S02:12 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:37 S01:12 S11:60 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  2  2  2  2  2
# Filtered pixels: 2  3  2  2  2  2  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  0  1  1  1  1 -1  1
SecondOffset:     -2  0 -1  1  0  0 -2  1
ThirdOffset:       1 -1 -1 -2  0 -1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 239:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:13 S02:24 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:31 S01:60 S11:55 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:36 S11:29 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:36 S11:29 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:37 S01:24 S11:21 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:8 S01:24 S11:16 S02:36 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:18 S01:36 S11:29 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  0  2  0  0  0
Diff_de:           1  0 -1  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  2  0  0  0
# Filtered pixels: 3  2  3  3  2  3  2  3
# Filtered P pix:  1  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  1  1  0  0  0  1
FirstOffset:       0  0 -1  0 -1  0  0  0
SecondOffset:      0 -1 -1  1  0  0  1 -1
ThirdOffset:       1  1  0  0  0  1  1  0
FirstOffsetClip:   0  0 -1  0 -1  0  0  0
SecondOffsetClip:  0 -1 -1  1  0  0  1 -1
ThirdOffsetClip:   1  1  0  0  0  1  1  0

Block 240:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:55 S01:12 S11:34 S02:12 S12:60 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:8 S01:12 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:3 S0:45 S01:12 S11:8 S02:24 S12:31 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:48 S11:47 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:44 S01:36 S11:44 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:47 S01:0 S11:26 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:37 S01:36 S11:24 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:55 S01:24 S11:42 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  0  2  2  0  0
Diff_de:           1  0  1  0 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  3  0  4  2  2
# Filtered pixels: 4  4  3  3  3  4  2  2
# Filtered P pix:  1  1  1  0  0  1  0  0
# Filtered Q pix:  1  1  0  1  1  1  0  0
FirstOffset:       1  0  2  1  0 -1 -1  1
SecondOffset:      0  0  1 -1  1 -1  0  0
ThirdOffset:      -1  0 -1 -1  0  1  0  0
FirstOffsetClip:   1  0  1  1  0 -1 -1  1
```

```
SecondOffsetClip:  0  0  1 -1  1 -1  0  0
ThirdOffsetClip:  -1  0 -1 -1  0  1  0  0

Block 241:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:42 S01:60 S11:60 S02:12 S12:34 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:0 S11:65 S02:12 S12:60 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:60 S11:65 S02:24 S12:55 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:12 S11:44 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:36 S11:44 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:0 S11:13 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:42 S01:36 S11:39 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:0 S01:0 S11:39 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  1  1  0  2  2  0
Diff_de:           1  0  0  0  0 -1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  1 -1  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  2  0  4  2  0
# Filtered pixels: 3  4  3  4  3  4  2  3
# Filtered P pix:  0  1  0  1  0  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  0  0
FirstOffset:       1  0  0 -1  0 -1 -1  0
SecondOffset:     -1  0  1  0  1 -1  0  0
ThirdOffset:      -1  0  1  0  0  1  1 -1
FirstOffsetClip:   1  0  0 -1  0 -1 -1  0
SecondOffsetClip: -1  0  1  0  1 -1  0  0
ThirdOffsetClip:  -1  0  1  0  0  1  1 -1

Block 242:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:47 S01:36 S11:34 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:24 S01:24 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:60 S11:40 S02:36 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:36 S01:48 S11:37 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:60 S11:65 S02:24 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:49 S01:0 S11:52 S02:12 S12:31 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:24 S11:21 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:47 S01:24 S11:49 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  3  1  1  0  2  4
Diff_de:           1 -1  1  0  0  0  1  1
Diff_c:            1  0  0  1  0  0  0  1
Diff_f:            0  0 -1  0 -1  0  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  0  1  0  2  3
# Filtered pixels: 3  4  2  2  3  4  3  4
# Filtered P pix:  0  1  0  0  0  1  1  1
# Filtered Q pix:  1  1  0  0  1  1  0  1
FirstOffset:       1 -1  1  0  0  0  1  1
SecondOffset:      1  0 -1  1 -1  0  0  1
ThirdOffset:      -1  1 -1  1 -1  0  1  0
FirstOffsetClip:   1 -1  1  0  0  0  1  1
SecondOffsetClip:  1  0 -1  1 -1  0  0  1
ThirdOffsetClip:  -1  1 -1  1 -1  0  1  0

Block 243:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:18 S02:48 S12:57 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:12 S11:13 S02:24 S12:29 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:47 S01:60 S11:65 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:24 S11:16 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:78 S01:36 S11:39 S02:24 S12:49 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:70 S01:12 S11:18 S02:72 S12:48 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:37 S01:36 S11:37 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:12 S11:21 S02:24 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  0  0  0
Diff_de:           0  1  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  0  2  3  2  3
# Filtered pixels: 3  3  3  2  2  3  2  3
# Filtered P pix:  1  1  0  0  0  1  0  1
```

```
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:       0  1  1  0 -1  1  1  1
SecondOffset:      0  1 -1  1  0  1  1  1
ThirdOffset:       1  0 -1  1  1  1 -1  0
FirstOffsetClip:   0  1  1  0 -1  1  1  1
SecondOffsetClip:  0  1 -1  1  0  1  1  1
ThirdOffsetClip:   1  0 -1  1  1  1 -1  0

Block 244:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:60 S11:70 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:32 S01:12 S11:21 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:47 S01:12 S11:73 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:45 S01:0 S11:13 S02:12 S12:44 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:26 S01:12 S11:44 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:24 S01:12 S11:73 S02:12 S12:21 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:31 S01:48 S11:32 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:44 S01:72 S11:63 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  2  0  2  0  0
Diff_de:           0  1  1 -1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  4  4  0  3  0  0
# Filtered pixels: 3  3  4  4  4  4  2  3
# Filtered P pix:  0  1  1  1  1  1  0  0
# Filtered Q pix:  1  0  1  1  1  1  0  1
FirstOffset:       0  2  1 -2  0  1  0  0
SecondOffset:      1  1  1 -1  0  1 -1  2
ThirdOffset:       0  0 -1  1  0  0 -1  0
FirstOffsetClip:   0  1  1 -1  0  1  0  0
SecondOffsetClip:  1  1  1 -1  0  1 -1  1
ThirdOffsetClip:   0  0 -1  1  0  0 -1  0

Block 245:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:45 S01:12 S11:8 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:0 S11:26 S02:12 S12:73 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:36 S11:39 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:48 S11:32 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:48 S11:32 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:12 S11:18 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  2  2  4  2  1  2
Diff_de:          -1  1  0  0 -1  0  0 -1
Diff_c:           -1  1  1 -1 -1  1  1  0
Diff_f:           -1  0 -1  1  1 -1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  1  1  2  1  3
# Filtered pixels: 4  4  4  3  3  3  4  4
# Filtered P pix:  1  1  1  0  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:      -2  1  0  0  0 -1  0 -1
SecondOffset:     -1  1  1 -1 -1  0  1 -1
ThirdOffset:       0  0 -1  1  1 -1  0  0
FirstOffsetClip:  -2  1  0  0  0 -1  0 -1
SecondOffsetClip: -1  1  1 -1 -1  0  1 -1
ThirdOffsetClip:   0  0 -1  1  1 -1  0  0

Block 246:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:31 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:24 S11:29 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:0 S11:26 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:44 S01:72 S11:58 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:37 S01:48 S11:52 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:21 S01:0 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:50 S01:24 S11:21 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:8 S01:12 S11:34 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  3  1  2  1  4  0
Diff_de:           0  0  1  0 -1  0 -2  0
Diff_c:            0 -1  0  0  0  0  1  0
Diff_f:            1  0  1 -1  0  1 -1  0
```

```
'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  0  2  3  2  0
# Filtered pixels: 3  2  3  2  2  3  2  4
# Filtered P pix:  1  0  1  0  0  1  0  1
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       1  0  1  0 -1  1 -2  0
SecondOffset:      1 -1  1 -2  1  1 -1  0
ThirdOffset:       0  1  0 -1 -1  0  1  0
FirstOffsetClip:   1  0  1  0 -1  1 -1  0
SecondOffsetClip:  1 -1  1 -1  1  1 -1  0
ThirdOffsetClip:   0  1  0 -1 -1  0  1  0

Block 247:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:16 S01:36 S11:29 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:24 S11:31 S02:36 S12:63 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:31 S01:36 S11:24 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:0 S11:13 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:44 S01:36 S11:29 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:63 S01:24 S11:29 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:60 S01:36 S11:29 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:39 S01:12 S11:8 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  2  0  2  0  2  2  2
Diff_de:          -1 -1  0  1  0 -1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  0  2  3  3
# Filtered pixels: 2  2  3  3  3  2  3  4
# Filtered P pix:  0  0  0  1  0  0  0  1
# Filtered Q pix:  0  0  1  0  1  0  1  1
FirstOffset:      -1 -1  0  1  0 -2 -1 -1
SecondOffset:      0  0 -1  1  1 -2  0 -1
ThirdOffset:       0  1  0  0  0  1  1  0
FirstOffsetClip:  -1 -1  0  1  0 -1 -1 -1
SecondOffsetClip:  0  0 -1  1  1 -1  0 -1
ThirdOffsetClip:   0  1  0  0  0  1  1  0

Block 248:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
```

```
Row:1 S0:29 S01:60 S11:60 S02:12 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:18 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:44 S01:12 S11:18 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:13 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:12 S11:18 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:16 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:12 S11:18 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  0  2  1  3  2  3  1
Diff_de:           1  0  1  0  1 -1  1  0
Diff_c:            0  0  0 -1  0  0  0  1
Diff_f:            0  0  0  0 -1  0 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  3  3  3  0
# Filtered pixels: 3  4  4  4  4  4  3  4
# Filtered P pix:  0  1  1  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  0  0  0  1 -1  1  0
SecondOffset:     -1  0  0  0  0  0 -1  0
ThirdOffset:       0  0  0  0 -1  1 -1  0
FirstOffsetClip:   1  0  0  0  1 -1  1  0
SecondOffsetClip: -1  0  0  0  0  0 -1  0
ThirdOffsetClip:   0  0  0  0 -1  1 -1  0

Block 249:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:73 S01:24 S11:31 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:24 S01:12 S11:21 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:12 S11:8 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:12 S11:8 S02:24 S12:42 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:12 S11:18 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:47 S01:12 S11:47 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:37 S01:12 S11:13 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:39 S01:0 S11:0 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  3  3  2  3  0
Diff_de:          -1  1  0 -1 -1 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  1  1  0  1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  2  3  4  2  3
# Filtered pixels: 2  4  4  3  3  4  3  3
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  0  0  1  0  0
FirstOffset:      -1  1  0 -1 -1 -1  1  1
SecondOffset:     -1  0  0  0 -1 -1  0  1
ThirdOffset:      -1 -1  0  1  1  1  0  1
FirstOffsetClip:  -1  1  0 -1 -1 -1  1  1
SecondOffsetClip: -1  0  0  0 -1 -1  0  1
ThirdOffsetClip:  -1 -1  0  1  1  1  0  1

Block 250:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:13 S02:12 S12:18 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:42 S01:36 S11:29 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:47 S01:72 S11:68 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:21 S01:36 S11:29 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:36 S11:24 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:63 S01:24 S11:26 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:37 S01:0 S11:52 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:29 S01:12 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  0  0  0  2  2
Diff_de:          -1  0  0  0  0  0  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  2  2  2  4  3
# Filtered pixels: 4  2  2  2  2  2  4  4
# Filtered P pix:  1  0  0  0  0  0  1  1
# Filtered Q pix:  1  0  0  0  0  0  1  1
FirstOffset:      -1  1  1  1 -1  2  1  1
SecondOffset:     -1  0 -1  1  0  1  1  1
ThirdOffset:       0  0  0 -1  2  0 -1  0
FirstOffsetClip:  -1  1  1  1 -1  1  1  1
```

```
SecondOffsetClip: -1  0 -1  1  0  1  1  1
ThirdOffsetClip:   0  0  0 -1  1  0 -1  0

Block 251:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:18 S01:24 S11:29 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:60 S11:70 S02:12 S12:34 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:65 S01:60 S11:45 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:36 S11:37 S02:12 S12:34 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:26 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:24 S11:29 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:12 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:49 S01:0 S11:39 S02:12 S12:31 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  3  2  1  3  1  0
Diff_de:           0  0  1  1  0  1  0  0
Diff_c:           -1  0  0  0 -1 -1  0  0
Diff_f:            1  0 -1  0  0  0  1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  3  1  1  0  0
# Filtered pixels: 4  3  3  3  3  3  3  4
# Filtered P pix:  1  0  0  0  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  0  0  1
FirstOffset:       0 -1  1  1  0  0  0  0
SecondOffset:     -1 -2 -1  0 -1 -1  0  0
ThirdOffset:       1  0 -1 -1  1  1  1  0
FirstOffsetClip:   0 -1  1  1  0  0  0  0
SecondOffsetClip: -1 -1 -1  0 -1 -1  0  0
ThirdOffsetClip:   1  0 -1 -1  1  1  1  0

Block 252:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:39 S02:12 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:55 S01:0 S11:65 S02:12 S12:8 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:26 S01:12 S11:13 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:0 S11:13 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:36 S01:12 S11:13 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:45 S01:24 S11:16 S02:48 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:29 S01:12 S11:13 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:16 S01:72 S11:78 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  0  0  0  2
Diff_de:           1  0  1  1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  3  0  2  2  3
# Filtered pixels: 3  3  3  3  2  2  2  3
# Filtered P pix:  1  1  0  1  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  1
FirstOffset:       1 -1  0  1  0 -2 -1 -1
SecondOffset:      1 -1  0  1  0 -1  0  1
ThirdOffset:       0  1  0  0  1  0  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 253:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:37 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:55 S01:24 S11:29 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:24 S11:21 S02:24 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:12 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:18 S01:48 S11:57 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:31 S01:0 S11:0 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:36 S11:34 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:0 S11:13 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  2
Diff_de:           0  0  0 -1  0  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  0  0  3  4
# Filtered pixels: 3  2  2  4  3  4  3  4
# Filtered P pix:  0  0  0  1  0  1  0  1
```

```
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:       0  1  1 -1  0  0 -1 -1
SecondOffset:     -1  0  0  0 -1  0  0 -1
ThirdOffset:       0  0 -1  0  0  0  1  1
FirstOffsetClip:   0  1  1 -1  0  0 -1 -1
SecondOffsetClip: -1  0  0  0 -1  0  0 -1
ThirdOffsetClip:   0  0 -1  0  0  0  1  1

Block 254:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:18 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:0 S11:13 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:37 S01:48 S11:37 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:37 S01:24 S11:29 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:49 S01:60 S11:55 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:52 S01:36 S11:49 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:18 S01:36 S11:29 S02:24 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:53 S01:48 S11:37 S02:24 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  3  0  3  1  3
Diff_de:          -1  0  1  1  0  1  0  2
Diff_c:            0  0  0  1  0  0  0  0
Diff_f:            0  0  0  0  0 -1  1  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  0  2  0  2
# Filtered pixels: 3  4  3  2  2  2  2  2
# Filtered P pix:  1  1  0  0  0  0  0  0
# Filtered Q pix:  0  1  1  0  0  0  0  0
FirstOffset:      -1  0  1  1  0  1  0  2
SecondOffset:      0  0 -1  1  1  0 -1  0
ThirdOffset:       1  0 -1  1  1 -1  1 -1
FirstOffsetClip:  -1  0  1  1  0  1  0  1
SecondOffsetClip:  0  0 -1  1  1  0 -1  0
ThirdOffsetClip:   1  0 -1  1  1 -1  1 -1

Block 255:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:39 S02:24 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:24 S11:26 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:36 S11:24 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:60 S01:12 S11:34 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:39 S01:36 S11:44 S02:24 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:0 S01:12 S11:13 S02:24 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:32 S01:0 S11:52 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:12 S11:34 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  1  1  2  1  2  2  0
Diff_de:           0  0  0 -1  0  0  1  0
Diff_c:            0  1 -1  0  0  1  0  0
Diff_f:           -1  0  0  0  1 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  2  2  0  3  0
# Filtered pixels: 3  3  2  3  2  3  3  4
# Filtered P pix:  1  0  0  1  0  1  1  1
# Filtered Q pix:  0  1  0  0  0  0  0  1
FirstOffset:      -1  0  0 -1 -1  0  2  0
SecondOffset:     -1  1 -1  0  0  0  1  0
ThirdOffset:       0  0 -1 -1  1 -1  0  0
FirstOffsetClip:  -1  0  0 -1 -1  0  1  0
SecondOffsetClip: -1  1 -1  0  0  0  1  0
ThirdOffsetClip:   0  0 -1 -1  1 -1  0  0

Block 256:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:55 S01:0 S11:26 S02:36 S12:39 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:52 S01:36 S11:39 S02:0 S12:13 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:13 S01:24 S11:21 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:65 S01:0 S11:26 S02:0 S12:26 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:5 S0:40 S01:24 S11:16 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:34 S01:12 S11:21 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:24 S01:24 S11:29 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:44 S01:0 S11:13 S02:12 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  4  3  2  2  0
# Filtered pixels: 3  3  2  4  3  2  2  3
# Filtered P pix:  1  0  0  1  0  0  0  1
# Filtered Q pix:  0  1  0  1  1  0  0  0
FirstOffset:      -1 -1  0 -1 -2 -1 -1  0
SecondOffset:     -1  0 -1 -1 -1 -1 -1  0
ThirdOffset:       0  1  1  1  1  0  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 257:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:47 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:12 S11:70 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:12 S11:31 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:0 S11:39 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:36 S11:34 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:8 S01:36 S11:37 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:73 S01:12 S11:8 S02:60 S12:45 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  3  1  3  3  2  2  3
Diff_de:          -1 -1  0  1 -1  0  0 -1
Diff_c:            0  0 -1  0 -1 -1 -1  0
Diff_f:            0  1  0  1  0  1  1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  3  3  2  2  3
# Filtered pixels: 4  4  4  4  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:      -1 -1  0  1 -1  0  0 -1
SecondOffset:      0  0  0  1 -1 -1 -1 -1
ThirdOffset:       1  1  0  0  0  1  1 -1
FirstOffsetClip:  -1 -1  0  1 -1  0  0 -1
SecondOffsetClip:  0  0  0  1 -1 -1 -1 -1
ThirdOffsetClip:   1  1  0  0  0  1  1 -1

Block 258:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
```

```
Row:1 S0:26 S01:0 S11:65 S02:12 S12:13 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:31 S01:36 S11:29 S02:12 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:12 S11:18 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:0 S01:24 S11:21 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:0 S11:26 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:29 S01:24 S11:26 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:50 S01:24 S11:16 S02:48 S12:32 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:39 S01:36 S11:29 S02:12 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  4  2  2  2
# Filtered pixels: 3  2  2  3  4  2  2  2
# Filtered P pix:  1  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  1  1  0  0  0
FirstOffset:       0  0  0  0  1 -1 -2 -1
SecondOffset:      0 -1  0 -1  1 -1 -1 -1
ThirdOffset:       0  0  1  0 -1  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 259:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:8 S01:0 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:36 S11:29 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:65 S01:0 S11:39 S02:36 S12:24 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:0 S01:0 S11:65 S02:60 S12:53 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:24 S11:16 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:48 S11:37 S02:36 S12:50 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:12 S11:21 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:50 S01:72 S11:68 S02:0 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  3  0  1  4  0  2
Diff_de:           0  0 -1  0  0  1  0 -1
Diff_c:            0 -1  0  0 -1  1  0  0
Diff_f:           -1 -1 -1  0  0  1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  3  0  1  2  0  3
# Filtered pixels: 3  3  3  3  4  2  4  3
# Filtered P pix:  1  0  1  1  1  0  1  0
# Filtered Q pix:  0  1  0  0  1  0  1  1
FirstOffset:       0  0 -1  0  0  1  0 -2
SecondOffset:      0 -1 -1  0 -1  2  0  1
ThirdOffset:      -1 -1  0 -1  0  0  0  1
FirstOffsetClip:   0  0 -1  0  0  1  0 -2
SecondOffsetClip:  0 -1 -1  0 -1  1  0  1
ThirdOffsetClip:  -1 -1  0 -1  0  0  0  1

Block 260:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:34 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:52 S01:0 S11:52 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:73 S01:72 S11:53 S02:12 S12:31 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:47 S01:36 S11:24 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:24 S01:36 S11:39 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:70 S01:72 S11:68 S02:24 S12:31 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:44 S01:60 S11:60 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:44 S01:12 S11:73 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  2  0  2  2
Diff_de:           1  0  0  0 -1  0  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  3  2  0  0
# Filtered pixels: 3  3  2  2  3  2  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  1  0  0  0
FirstOffset:       1 -1  1 -1 -1 -1  0  0
SecondOffset:      1 -1 -1  0  0 -2  1  0
ThirdOffset:      -1  0 -1  0  1  0  0 -1
FirstOffsetClip:   1 -1  1 -1 -1 -1  0  0
```

```
SecondOffsetClip:  1 -1 -1  0  0 -1  1  0
ThirdOffsetClip:  -1  0 -1  0  1  0  0 -1

Block 261:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:60 S01:24 S11:62 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:8 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:36 S11:44 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:24 S11:36 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:36 S11:39 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:8 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:24 S11:21 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  1  1  2  3  1  1  4
Diff_de:          -1  0  0  0  1  0  0  1
Diff_c:            1  0 -1 -1  0 -1  0  1
Diff_f:            1  1  0  1 -1  0 -1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  0  1  3  0  0  3
# Filtered pixels: 4  4  3  4  4  3  4  3
# Filtered P pix:  1  1  0  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:      -1  0  0  0  1  0  0  1
SecondOffset:      0  0 -1 -1  0 -1  0  1
ThirdOffset:       1  1  0  0 -1  0  0  0
FirstOffsetClip:  -1  0  0  0  1  0  0  1
SecondOffsetClip:  0  0 -1 -1  0 -1  0  1
ThirdOffsetClip:   1  1  0  0 -1  0  0  0

Block 262:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:57 S01:12 S11:70 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:13 S01:36 S11:39 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:34 S01:0 S11:65 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:48 S11:45 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:24 S11:36 S02:36 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:34 S01:36 S11:44 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:21 S01:36 S11:39 S02:48 S12:58 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:12 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  2  0  2  0  2
Diff_de:          -1  0  1 -1  0 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  2  0  2  2  3
# Filtered pixels: 3  2  4  2  2  2  2  3
# Filtered P pix:  1  0  1  0  0  0  0  1
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:      -1  0  1 -1  0 -1  1  1
SecondOffset:     -1  1  1 -2  1  0  1  1
ThirdOffset:      -1 -1  0  1  1  2 -2 -2
FirstOffsetClip:  -1  0  1 -1  0 -1  1  1
SecondOffsetClip: -1  1  1 -1  1  0  1  1
ThirdOffsetClip:  -1 -1  0  1  1  1 -1 -1

Block 263:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:32 S01:60 S11:40 S02:60 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:47 S01:48 S11:52 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:54 S01:0 S11:39 S02:72 S12:73 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:60 S11:45 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:0 S11:26 S02:36 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:45 S01:12 S11:8 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:34 S01:48 S11:42 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:12 S11:44 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  2  0  2  1  2  3  2
Diff_de:          -1 -1  0  1  0 -2  1  1
Diff_c:            0  0  0  0  1  0  0  0
Diff_f:            0  0  0  0  0  0 -1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  2  3  4  3  3
# Filtered pixels: 2  3  3  3  3  4  3  4
# Filtered P pix:  0  0  1  0  1  1  0  1
```

```
# Filtered Q pix:  0  1  0  1  0  1  1  1
FirstOffset:      -2 -1  0  1  1 -2  1  1
SecondOffset:      0 -2  0 -1  1 -1  2  0
ThirdOffset:       0  1  2  0 -1  1 -1 -1
FirstOffsetClip:  -1 -1  0  1  1 -1  1  1
SecondOffsetClip:  0 -1  0 -1  1 -1  1  0
ThirdOffsetClip:   0  1  1  0 -1  1 -1 -1

Block 264:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:29 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:24 S01:24 S11:16 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:24 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:24 S11:16 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:24 S11:16 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:36 S11:44 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:48 S11:32 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:36 S11:29 S02:36 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  1  2  2  4  1  2
Diff_de:           0 -1  0  0  0  1  0  0
Diff_c:            1  0  1 -1  1  1  1 -1
Diff_f:            0 -1  0  1 -1 -1  0 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  1  1  1  1  3  0
# Filtered pixels: 4  4  4  4  4  3  3  2
# Filtered P pix:  1  1  1  1  1  0  0  0
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:       0 -1  0  0  0  0  1  0
SecondOffset:      1  0  1 -1  1  1  2 -1
ThirdOffset:       0  0  0  0  0 -1 -1 -1
FirstOffsetClip:   0 -1  0  0  0  0  1  0
SecondOffsetClip:  1  0  1 -1  1  1  1 -1
ThirdOffsetClip:   0  0  0  0  0 -1 -1 -1

Block 265:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:36 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:36 S11:24 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:24 S11:29 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:24 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:12 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:24 S11:29 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:36 S11:29 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:12 S11:21 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  3  1  3  1  1  1  3
Diff_de:           2  1  0 -1  0  0  0 -1
Diff_c:           -1  1  1 -1  1 -1  0  0
Diff_f:            0  0  0  0  0  0 -1 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  0  0  2
# Filtered pixels: 2  2  2  3  4  3  2  3
# Filtered P pix:  0  0  0  0  1  0  0  1
# Filtered Q pix:  0  0  0  1  1  1  0  0
FirstOffset:       1  1  0 -1  0  0  0 -1
SecondOffset:      0  1  1 -1  0 -1  1  0
ThirdOffset:       1  0 -1  0  0  0 -1  0
FirstOffsetClip:   1  1  0 -1  0  0  0 -1
SecondOffsetClip:  0  1  1 -1  0 -1  1  0
ThirdOffsetClip:   1  0 -1  0  0  0 -1  0

Block 266:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:55 S01:12 S11:18 S02:24 S12:16 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:13 S01:36 S11:34 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:32 S01:12 S11:18 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:45 S01:24 S11:31 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:36 S11:50 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:12 S11:31 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:32 S01:48 S11:57 S02:48 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:12 S11:13 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  2  0  2  2  0
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  0 -2 -2  0  1  2  0
SecondOffset:      0  1 -1 -1 -1  1  0  0
ThirdOffset:       1  1  1  0 -1  1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 267:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:44 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:49 S01:0 S11:26 S02:60 S12:55 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:24 S01:36 S11:29 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:65 S01:24 S11:26 S02:48 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:52 S01:12 S11:31 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:50 S01:12 S11:18 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:55 S01:60 S11:45 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:12 S11:18 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  2  0  0
Diff_de:           0  0 -1  0 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  3  3  2  3
# Filtered pixels: 2  3  3  2  4  3  2  3
# Filtered P pix:  0  1  0  0  1  1  0  1
# Filtered Q pix:  0  0  1  0  1  0  0  0
FirstOffset:       1  0 -1  1 -1 -2 -1  1
SecondOffset:      0  0  0  1  0 -1  1  1
ThirdOffset:       0  1  1  1  1  0  0  0
FirstOffsetClip:   1  0 -1  1 -1 -1 -1  1
SecondOffsetClip:  0  0  0  1  0 -1  1  1
ThirdOffsetClip:   0  1  1  1  1  0  0  0

Block 268:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:52 S01:48 S11:52 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:36 S11:29 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:0 S11:26 S02:12 S12:21 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:24 S01:24 S11:26 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:0 S01:12 S11:21 S02:0 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:32 S01:0 S11:13 S02:0 S12:26 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:26 S01:0 S11:39 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:36 S01:12 S11:34 S02:48 S12:57 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  2  2  0
Diff_de:           0  0  0 -1  0 -2 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  0  4  0  0
# Filtered pixels: 2  2  3  2  3  4  3  2
# Filtered P pix:  0  0  1  0  0  1  1  0
# Filtered Q pix:  0  0  0  0  1  1  0  0
FirstOffset:      -1  0  1 -1  0 -2  0  0
SecondOffset:     -2 -1  1 -1  0 -1  0  0
ThirdOffset:       0 -1  0  1  0  1 -1  1
FirstOffsetClip:  -1  0  1 -1  0 -1  0  0
SecondOffsetClip: -1 -1  1 -1  0 -1  0  0
ThirdOffsetClip:   0 -1  0  1  0  1 -1  1

Block 269:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:49 S02:12 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:54 S01:48 S11:47 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:36 S11:34 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:24 S11:29 S02:24 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:18 S01:24 S11:16 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:60 S01:36 S11:37 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:24 S11:42 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:8 S0:21 S01:12 S11:21 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0 -1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  0  2  0  3
# Filtered pixels: 3  2  3  2  2  2  3  4
# Filtered P pix:  0  0  0  0  0  0  0  1
# Filtered Q pix:  1  0  1  0  0  0  1  1
FirstOffset:       0  0 -1  0  0  1  0 -1
SecondOffset:      1  1 -1  1 -1  1  1 -1
ThirdOffset:       0  1  0 -1 -1  0  0  0
FirstOffsetClip:   0  0 -1  0  0  1  0 -1
SecondOffsetClip:  1  1 -1  1 -1  1  1 -1
ThirdOffsetClip:   0  1  0 -1 -1  0  0  0

Block 270:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:0 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:52 S01:24 S11:31 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:42 S01:48 S11:45 S02:36 S12:49 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:44 S01:24 S11:55 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:36 S01:12 S11:18 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:0 S11:0 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:65 S01:60 S11:45 S02:60 S12:53 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:44 S01:0 S11:65 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  3  3  1  0  1  2  0
Diff_de:           0  1 -1  0  0  0  1  0
Diff_c:            0  1  0  1  0  0  0  0
Diff_f:            0  0 -1  0  0 -1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  2  1  0  0  2  0
# Filtered pixels: 4  4  2  4  4  3  2  4
# Filtered P pix:  1  1  0  1  1  1  0  1
# Filtered Q pix:  1  1  0  1  1  0  0  1
FirstOffset:       0  1 -1  0  0  0  1  0
SecondOffset:      0  1  1  1  0  0 -1  0
ThirdOffset:       0 -1  0  0  0 -1 -2  0
FirstOffsetClip:   0  1 -1  0  0  0  1  0
```

```
SecondOffsetClip:  0  1  1  1  0  0 -1  0
ThirdOffsetClip:   0 -1  0  0  0 -1 -1  0

Block 271:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:24 S11:21 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:0 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:73 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:24 S11:26 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:48 S11:52 S02:24 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:0 S11:0 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  1  1  2  1  4  1
Diff_de:           0  1  0  0  0  0 -1  0
Diff_c:           -1  1  1  0  1  0 -1  0
Diff_f:            0  0  0  1 -1 -1  1 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  0  1  2  1  3  1
# Filtered pixels: 4  4  4  4  3  3  3  4
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  0  1  0  1
FirstOffset:       1  1  0  0 -1  0 -1  0
SecondOffset:      0  1  0  0  0  1 -1  0
ThirdOffset:       0 -1  0  1  0 -1  1 -1
FirstOffsetClip:   1  1  0  0 -1  0 -1  0
SecondOffsetClip:  0  1  0  0  0  1 -1  0
ThirdOffsetClip:   0 -1  0  1  0 -1  1 -1

Block 272:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:31 S01:0 S11:26 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:36 S01:24 S11:31 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:0 S11:13 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:13 S01:24 S11:26 S02:24 S12:31 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:24 S11:26 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:55 S01:48 S11:37 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:60 S11:55 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:16 S01:24 S11:36 S02:12 S12:18 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  2  0  2
Diff_de:           0  0 -1  0  0  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  2  3  2  2
# Filtered pixels: 3  2  3  2  2  3  2  3
# Filtered P pix:  1  0  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       0  0 -1  0  1  1 -1 -1
SecondOffset:      0 -1 -1  1  1 -1  1  0
ThirdOffset:      -1 -1 -1  1  0 -1  1  0
FirstOffsetClip:   0  0 -1  0  1  1 -1 -1
SecondOffsetClip:  0 -1 -1  1  1 -1  1  0
ThirdOffsetClip:  -1 -1 -1  1  0 -1  1  0

Block 273:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:34 S02:36 S12:54 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:29 S01:0 S11:26 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:60 S01:72 S11:48 S02:24 S12:31 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:47 S01:48 S11:37 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:32 S01:12 S11:21 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:12 S11:8 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:36 S01:24 S11:29 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:60 S01:12 S11:21 S02:12 S12:13 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  2  0  0  0
Diff_de:           0 -1  0  1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  3  3  0  0  2
# Filtered pixels: 2  3  2  3  3  2  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  1  1  0  0  0
FirstOffset:      -1 -1 -1  1 -2  0  0 -1
SecondOffset:     -1 -1  1 -1 -1  0 -1  0
ThirdOffset:       0  1  1 -1  1  1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 274:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:40 S01:72 S11:63 S02:72 S12:78 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:57 S01:12 S11:18 S02:24 S12:62 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:47 S01:36 S11:44 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:21 S01:36 S11:44 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:36 S11:39 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:65 S01:12 S11:13 S02:12 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:32 S01:72 S11:58 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:29 S01:12 S11:18 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  2  2  2
Diff_de:           0  1 -1  0  0 -1 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  2  0  3  3  3
# Filtered pixels: 2  3  3  2  3  4  3  3
# Filtered P pix:  0  1  0  0  0  1  0  1
# Filtered Q pix:  0  0  1  0  1  1  1  0
FirstOffset:      -2  1 -1 -1  0 -1 -2  1
SecondOffset:      1  0  0  0  1 -1  1  1
ThirdOffset:      -1 -1  0  0  0  0  1  1
FirstOffsetClip:  -1  1 -1 -1  0 -1 -1  1
SecondOffsetClip:  1  0  0  0  1 -1  1  1
ThirdOffsetClip:  -1 -1  0  0  0  0  1  1

Block 275:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:52 S01:0 S11:0 S02:12 S12:47 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:54 S01:48 S11:37 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:13 S01:36 S11:29 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:60 S11:65 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:55 S01:12 S11:18 S02:12 S12:8 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:6 S0:29 S01:36 S11:24 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:50 S01:24 S11:26 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:47 S01:48 S11:37 S02:36 S12:63 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  1  2  2
Diff_de:           0  0  0  0  1  0 -2  1
Diff_c:            0  0  0  0  0  1  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  0  3  2  3  2
# Filtered pixels: 4  3  2  3  4  2  3  2
# Filtered P pix:  1  0  0  0  1  0  0  0
# Filtered Q pix:  1  1  0  1  1  0  1  0
FirstOffset:       1  0  0  0  1  1 -2  1
SecondOffset:      1  1 -1  1  0  1 -1 -1
ThirdOffset:       0  0  1  0 -1  1  1 -1
FirstOffsetClip:   1  0  0  0  1  1 -1  1
SecondOffsetClip:  1  1 -1  1  0  1 -1 -1
ThirdOffsetClip:   0  0  1  0 -1  1  1 -1

Block 276:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:49 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:12 S11:34 S02:60 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:24 S11:16 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:48 S11:52 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:24 S11:42 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:36 S11:24 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:36 S11:39 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:57 S01:48 S11:57 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  3  4  0  2  3  2
Diff_de:           0  0  1  1  0  1 -1  0
Diff_c:            0  0  0  1  0  0 -1 -1
Diff_f:            1 -1 -1  1  0  0  0 -1
```

```
'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  3  2  1  3  1  3
# Filtered pixels: 4  3  4  3  4  4  4  3
# Filtered P pix:  1  1  1  0  1  1  1  0
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:       0 -1  1  1  0  1  0  1
SecondOffset:      0  0  0  2  1  0 -1 -1
ThirdOffset:       1 -1 -1  0  0 -1  0 -1
FirstOffsetClip:   0 -1  1  1  0  1  0  1
SecondOffsetClip:  0  0  0  2  1  0 -1 -1
ThirdOffsetClip:   1 -1 -1  0  0 -1  0 -1

Block 277:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:44 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:12 S11:13 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:21 S01:12 S11:31 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:44 S01:12 S11:47 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:13 S01:12 S11:47 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:0 S11:0 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:47 S01:24 S11:36 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:12 S11:8 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  2  2  0  2  4  3
Diff_de:           0  1  1  1  0  1  1 -1
Diff_c:            0  0  0  0  0  0 -1 -1
Diff_f:           -1  1  0  0  0  0 -1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  4  0  0  4  2  4
# Filtered pixels: 4  3  4  4  4  4  2  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  1  0  1  1  1  1  0  1
FirstOffset:       0  1  1  0  0  1  1 -1
SecondOffset:      0  1  1  0  0  1  0 -1
ThirdOffset:       0  0 -1  0  0 -1 -1  1
FirstOffsetClip:   0  1  1  0  0  1  1 -1
SecondOffsetClip:  0  1  1  0  0  1  0 -1
ThirdOffsetClip:   0  0 -1  0  0 -1 -1  1

Block 278:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
```

```
Row:1 S0:31 S01:36 S11:29 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:0 S11:26 S02:24 S12:16 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:24 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:16 S01:0 S11:39 S02:12 S12:60 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:37 S01:48 S11:37 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:18 S01:60 S11:45 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:21 S01:12 S11:44 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:24 S11:55 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  2  2  0  2  0
Diff_de:           0 -1 -1  1 -1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  4  3  0  2  3
# Filtered pixels: 3  3  3  4  3  3  3  3
# Filtered P pix:  0  1  1  1  0  0  1  0
# Filtered Q pix:  1  0  0  1  1  1  0  1
FirstOffset:       0 -1 -1  1 -1  0 -1 -1
SecondOffset:      1 -1  0  1  1  1  0 -1
ThirdOffset:       0  0  0 -1  1  0 -1  1
FirstOffsetClip:   0 -1 -1  1 -1  0 -1 -1
SecondOffsetClip:  1 -1  0  1  1  1  0 -1
ThirdOffsetClip:   0  0  0 -1  1  0 -1  1

Block 279:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:49 S01:72 S11:68 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:73 S01:24 S11:21 S02:48 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:47 S01:0 S11:13 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:24 S11:55 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:29 S01:36 S11:34 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:21 S01:36 S11:29 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:0 S11:13 S02:12 S12:57 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:12 S11:34 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  4  2  3  0  2
Diff_de:           0  1  1 -1  1 -1  0 -1
Diff_c:            0  0  0  1  0 -1  0  0
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  4  2  2  2  0  2
# Filtered pixels: 2  3  4  4  2  3  4  3
# Filtered P pix:  0  1  1  1  0  0  1  1
# Filtered Q pix:  0  0  1  1  0  1  1  0
FirstOffset:       0  1  1  0  1 -1  0 -1
SecondOffset:      2  0  1  1  0 -1  0  0
ThirdOffset:       1 -2 -1 -1  1  0  0  2
FirstOffsetClip:   0  1  1  0  1 -1  0 -1
SecondOffsetClip:  1  0  1  1  0 -1  0  0
ThirdOffsetClip:   1 -1 -1 -1  1  0  0  1

Block 280:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:42 S01:0 S11:26 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:26 S01:24 S11:29 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:31 S01:60 S11:40 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:36 S11:29 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:39 S01:60 S11:60 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:47 S01:24 S11:21 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:16 S01:36 S11:34 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:60 S01:48 S11:58 S02:60 S12:55 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  2  0  2  0
Diff_de:          -1  0  0  0 -1  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  0  0  2  2  2  2
# Filtered pixels: 4  3  2  2  2  2  2  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  1  1  0  0  0  0  0  0
FirstOffset:      -1  0  0  0 -1 -1  1 -1
SecondOffset:     -1  1  1 -1  1 -1  0 -2
ThirdOffset:       1  0  0  0  1  0 -1 -1
FirstOffsetClip:  -1  0  0  0 -1 -1  1 -1
```

```
SecondOffsetClip: -1  1  1 -1  1 -1  0 -1
ThirdOffsetClip:   1  0  0  0  1  0 -1 -1

Block 281:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:18 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:18 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:0 S11:26 S02:12 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:50 S01:36 S11:39 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:60 S01:24 S11:68 S02:0 S12:65 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:0 S01:0 S11:0 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:24 S11:36 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:24 S01:12 S11:44 S02:36 S12:24 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  2  2  0  3  3
Diff_de:           0  0  0 -1 -1  0  1 -1
Diff_c:            0 -1  0  0  0  0  1  0
Diff_f:            0 -1  0  0  0  0  0 -1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  3  3  0  2  2
# Filtered pixels: 3  3  4  3  3  4  2  3
# Filtered P pix:  1  0  1  0  0  1  0  1
# Filtered Q pix:  0  1  1  1  1  1  0  0
FirstOffset:      -1  0  0 -2 -1  0  1 -1
SecondOffset:     -1 -1  0  0  0  0  1  0
ThirdOffset:      -1  0  0  1  1  0  0  0
FirstOffsetClip:  -1  0  0 -1 -1  0  1 -1
SecondOffsetClip: -1 -1  0  0  0  0  1  0
ThirdOffsetClip:  -1  0  0  1  1  0  0  0

Block 282:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:29 S01:48 S11:52 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:16 S01:12 S11:34 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:24 S11:29 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:36 S11:37 S02:0 S12:65 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:40 S01:12 S11:21 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:57 S01:12 S11:57 S02:48 S12:57 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:37 S01:24 S11:21 S02:48 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:36 S11:49 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  0  2  2  3  2
Diff_de:           0  1  0  0 -1  1 -1  1
Diff_c:            0  0  0  0  0  0  1  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  3  3  2  2
# Filtered pixels: 2  4  3  3  3  3  2  3
# Filtered P pix:  0  1  0  0  1  1  0  0
# Filtered Q pix:  0  1  1  1  0  0  0  1
FirstOffset:      -1  1  0 -1 -2  1 -1  1
SecondOffset:     -2  0  1  0 -1  1  0  0
ThirdOffset:       0  0  0  1  0  1 -1  0
FirstOffsetClip:  -1  1  0 -1 -1  1 -1  1
SecondOffsetClip: -1  0  1  0 -1  1  0  0
ThirdOffsetClip:   0  0  0  1  0  1 -1  0

Block 283:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:44 S01:60 S11:60 S02:12 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:24 S11:21 S02:48 S12:57 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:24 S11:31 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:0 S11:39 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:16 S01:12 S11:34 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:36 S11:24 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:0 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  4  3  0  2  3  0
Diff_de:           0 -1 -1 -1  0  1 -1  0
Diff_c:            0  1 -1  0  0  0 -1  0
Diff_f:            0  0  1  1  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  4  2  0  3  0  3
# Filtered pixels: 3  3  4  3  3  3  2  4
# Filtered P pix:  0  1  1  1  1  1  0  1
```

```
# Filtered Q pix:  1  0  1  0  0  0  0  1
FirstOffset:       0 -1 -1 -1  0  1  0  1
SecondOffset:     -1  0 -1  0  0  1 -1  1
ThirdOffset:       0 -1  1  1  1  0 -1  0
FirstOffsetClip:   0 -1 -1 -1  0  1  0  1
SecondOffsetClip: -1  0 -1  0  0  1 -1  1
ThirdOffsetClip:   0 -1  1  1  1  0 -1  0

Block 284:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:45 S01:36 S11:24 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:36 S01:36 S11:24 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:60 S11:60 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:29 S01:48 S11:52 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:24 S11:49 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:60 S11:50 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  1  3  3  4  4  2
Diff_de:           1  0  0  1  1 -1 -1  0
Diff_c:            0  1 -1  1  0 -1 -1 -1
Diff_f:            0  0  0  0  1 -1  1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  1  3  2  2  1  2
# Filtered pixels: 4  3  4  4  3  3  4  3
# Filtered P pix:  1  0  1  1  0  0  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       2 -1  0  1  1 -1  0  1
SecondOffset:      0  1 -1  1 -1 -2 -1 -1
ThirdOffset:       0  1  0  0  0  0  0  0
FirstOffsetClip:   2 -1  0  1  1 -1  0  1
SecondOffsetClip:  0  1 -1  1 -1 -1 -1 -1
ThirdOffsetClip:   0  1  0  0  0  0  0  0

Block 285:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:24 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:44 S01:36 S11:34 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:8 S01:0 S11:0 S02:24 S12:21 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:52 S01:12 S11:31 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:31 S01:12 S11:18 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:7 S0:57 S01:12 S11:8 S02:36 S12:49 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:18 S01:0 S11:26 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  2  0  0  2  0
Diff_de:          -1  0  0  1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  3  0  0  2  0
# Filtered pixels: 3  2  3  4  3  4  3  3
# Filtered P pix:  0  0  1  1  1  1  1  1
# Filtered Q pix:  1  0  0  1  0  1  0  0
FirstOffset:      -1  0  0  1  0  0 -1  0
SecondOffset:      0 -1  0  0  0  0  0  0
ThirdOffset:       0 -1  1 -1 -1  0  0 -1
FirstOffsetClip:  -1  0  0  1  0  0 -1  0
SecondOffsetClip:  0 -1  0  0  0  0  0  0
ThirdOffsetClip:   0 -1  1 -1 -1  0  0 -1

Block 286:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:73 S01:12 S11:44 S02:72 S12:68 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:26 S01:36 S11:44 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:34 S01:24 S11:26 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:49 S01:24 S11:31 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:65 S01:0 S11:0 S02:12 S12:44 ActOverall:0 Act1:3 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
Row:6 S0:47 S01:24 S11:26 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:12 S11:13 S02:12 S12:44 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:13 S01:12 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 0  0  2  0  0  0  2  0
Diff_de:           0  0 -1  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  3  2  2  0
# Filtered pixels: 2  2  2  3  3  2  2  3
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  1
FirstOffset:      -1  0 -1  0  1 -1  1  0
SecondOffset:     -1 -1  0  1  1 -1  1  0
ThirdOffset:      -1  0  1  0  0  0 -1  0
FirstOffsetClip:  -1  0 -1  0  1 -1  1  0
SecondOffsetClip: -1 -1  0  1  1 -1  1  0
ThirdOffsetClip:  -1  0  1  0  0  0 -1  0

Block 287:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:53 S01:72 S11:73 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:8 S01:36 S11:24 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:60 S11:65 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:18 S01:24 S11:31 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:8 S01:12 S11:44 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:6 S0:21 S01:12 S11:60 S02:60 S12:55 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:13 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:12 S11:21 S02:0 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  0  0  0
Diff_de:          -1 -1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  0  0  2  0  0
# Filtered pixels: 3  2  2  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  0  0  1
FirstOffset:      -2  0  0  0  0  1  0  0
SecondOffset:      1 -1 -1  1  0  1 -1  0
ThirdOffset:       1  0  1  0  0  1 -1  0
FirstOffsetClip:  -1  0  0  0  0  1  0  0
SecondOffsetClip:  1 -1 -1  1  0  1 -1  0
ThirdOffsetClip:   1  0  1  0  0  1 -1  0

Block 288:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
```

```
Row:1 S0:44 S01:36 S11:44 S02:24 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:24 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:50 S01:12 S11:18 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:12 S11:8 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:24 S11:21 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:31 S01:0 S11:13 S02:36 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:24 S11:29 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:0 S11:39 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  1  2  0  4  0  1  3
Diff_de:           0  0 -2  0  1  0  0 -1
Diff_c:            0 -1  0  0 -1  0 -1  0
Diff_f:           -1  0  0  0  1  0  0  1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  3  4  2  0  2  4
# Filtered pixels: 3  4  3  4  4  3  3  4
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  0  1
FirstOffset:       0  0 -2  1  1  0  1 -1
SecondOffset:     -1 -1 -1  1  0  0  0 -1
ThirdOffset:      -1  0  0 -1  0 -1  0  1
FirstOffsetClip:   0  0 -1  1  1  0  1 -1
SecondOffsetClip: -1 -1 -1  1  0  0  0 -1
ThirdOffsetClip:  -1  0  0 -1  0 -1  0  1

Block 289:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:48 S11:37 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:42 S01:24 S11:31 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:36 S11:50 S02:0 S12:65 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:29 S01:12 S11:44 S02:36 S12:50 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:49 S01:12 S11:13 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:36 S11:37 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:24 S01:12 S11:13 S02:72 S12:73 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  4  3  3  0  1  2
Diff_de:           0  0 -1  1 -1  0  0  1
Diff_c:            0  1  1  1  0  0  0  0
Diff_f:            1  0 -1  0 -1  0  1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  2  3  3  0  2  2
# Filtered pixels: 4  3  4  3  3  3  2  3
# Filtered P pix:  1  0  1  0  1  1  0  1
# Filtered Q pix:  1  1  1  1  0  0  0  0
FirstOffset:       0  0 -1  1 -1  0  1  1
SecondOffset:      0  1  0  1 -1  0  0  0
ThirdOffset:       1  0  0 -1  0  1  0  1
FirstOffsetClip:   0  0 -1  1 -1  0  1  1
SecondOffsetClip:  0  1  0  1 -1  0  0  0
ThirdOffsetClip:   1  0  0 -1  0  1  0  1

Block 290:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:62 S01:72 S11:68 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:50 S01:0 S11:0 S02:0 S12:39 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:13 S01:0 S11:0 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:12 S11:13 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:32 S01:48 S11:47 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:18 S01:12 S11:34 S02:12 S12:21 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:52 S01:60 S11:65 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:0 S11:26 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  2
Diff_de:           0  1  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  0  0  2  0  3  3
# Filtered pixels: 2  4  3  4  2  4  3  4
# Filtered P pix:  0  1  1  1  0  1  0  1
# Filtered Q pix:  0  1  0  1  0  1  1  1
FirstOffset:       0  2  0  0 -2  0  1 -1
SecondOffset:      2  1  0  0  0  0  2 -1
ThirdOffset:       1 -1 -1  0  1  0 -1  0
FirstOffsetClip:   0  1  0  0 -1  0  1 -1
```

```
SecondOffsetClip:  1  1  0  0  0  0  1 -1
ThirdOffsetClip:   1 -1 -1  0  1  0 -1  0

Block 291:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:29 S02:48 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:42 S01:12 S11:31 S02:12 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:45 S01:12 S11:21 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:12 S11:18 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:34 S01:24 S11:42 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:34 S01:24 S11:26 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:65 S01:36 S11:49 S02:36 S12:29 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:21 S01:36 S11:50 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  2  0  0  0  0
Diff_de:           0 -1 -1 -1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  2  2  2  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0 -1 -2 -1 -1 -1 -1  1
SecondOffset:      1  0 -1  0  0  0 -1  0
ThirdOffset:      -1  0  0  1  0 -1  0 -1
FirstOffsetClip:   0 -1 -1 -1 -1 -1 -1  1
SecondOffsetClip:  1  0 -1  0  0  0 -1  0
ThirdOffsetClip:  -1  0  0  1  0 -1  0 -1

Block 292:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:36 S01:12 S11:34 S02:60 S12:40 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:0 S11:65 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:24 S11:31 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:34 S01:24 S11:42 S02:72 S12:73 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:65 S01:0 S11:26 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:21 S01:24 S11:26 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:13 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:60 S11:45 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  2  2  0  0
Diff_de:           0 -1  0  0 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  3  3  0  3
# Filtered pixels: 3  3  2  2  3  3  2  3
# Filtered P pix:  1  1  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       0 -1 -1  1 -1 -1  0  1
SecondOffset:      0 -1 -1  1 -1  0 -1 -1
ThirdOffset:       1  0  1  1  2  1  1 -1
FirstOffsetClip:   0 -1 -1  1 -1 -1  0  1
SecondOffsetClip:  0 -1 -1  1 -1  0 -1 -1
ThirdOffsetClip:   1  0  1  1  1  1  1 -1

Block 293:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:18 S01:60 S11:60 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:34 S01:24 S11:29 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:32 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:36 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:24 S11:42 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:54 S01:72 S11:58 S02:36 S12:49 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:24 S11:55 S02:0 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:12 S11:31 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  4  4  4  1  1  4
Diff_de:           0 -1 -1 -1 -2  0  0  1
Diff_c:            0  0 -1  1 -1  0  1  1
Diff_f:            0  1 -1  1  1  1  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  3  4  0  1  0
# Filtered pixels: 3  4  3  3  4  2  4  3
# Filtered P pix:  0  1  1  0  1  0  1  1
```

```
# Filtered Q pix:  1  1  0  1  1  0  1  0
FirstOffset:       0 -1 -2 -1 -1  0  0  0
SecondOffset:     -1  0 -1  0 -1  2  1  0
ThirdOffset:       0  1  0  1  1  1  0 -1
FirstOffsetClip:   0 -1 -2 -1 -1  0  0  0
SecondOffsetClip: -1  0 -1  0 -1  1  1  0
ThirdOffsetClip:   0  1  0  1  1  1  0 -1

Block 294:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:37 S01:12 S11:18 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:42 S01:12 S11:21 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:26 S01:0 S11:52 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:36 S11:44 S02:0 S12:65 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:44 S01:48 S11:42 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:57 S01:24 S11:26 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:39 S01:12 S11:18 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:42 S01:36 S11:24 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  3  0  3  0  1  3  3
Diff_de:           1  1  0 -1  0  0 -1 -1
Diff_c:            0  0  0  1  0  1  0  1
Diff_f:            0  1  0  0  0  0 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  3  0  3  3  3
# Filtered pixels: 4  4  4  3  3  4  4  3
# Filtered P pix:  1  1  1  0  0  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  1  0 -1  0  1 -1 -1
SecondOffset:      0  0  0  0  1  1 -1  0
ThirdOffset:      -1  0  0  1  0  0  0  1
FirstOffsetClip:   1  1  0 -1  0  1 -1 -1
SecondOffsetClip:  0  0  0  0  1  1 -1  0
ThirdOffsetClip:  -1  0  0  1  0  0  0  1

Block 295:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:24 S11:49 S02:24 S12:42 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:47 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:48 S11:32 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:65 S01:36 S11:24 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:18 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:0 S01:0 S11:39 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:21 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  2  0  2  3  1  1  0
Diff_de:           1  0  0  0 -1  0  0  0
Diff_c:            1  1  0  1 -1  1  0  0
Diff_f:           -1  1  0  1  0  0  1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  3  1  2
# Filtered pixels: 4  4  3  3  3  3  4  3
# Filtered P pix:  1  1  1  0  0  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  1  0
FirstOffset:       0  0  0  1 -1  1  0  1
SecondOffset:      0  1  0  2 -1  1  0  0
ThirdOffset:       0  1  1  0  0 -2  1  1
FirstOffsetClip:   0  0  0  1 -1  1  0  1
SecondOffsetClip:  0  1  0  1 -1  1  0  0
ThirdOffsetClip:   0  1  1  0  0 -1  1  1

Block 296:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:24 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:2 S0:47 S01:24 S11:42 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:0 S01:48 S11:37 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:36 S11:34 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:26 S01:36 S11:34 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:18 S01:0 S11:26 S02:12 S12:21 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:47 S01:24 S11:26 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:18 S01:24 S11:55 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  2  0
Diff_de:           0  0  0  0 -1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  0  0  3  0
# Filtered pixels: 3  2  2  3  3  4  3  3
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:       0  1  0  1  0  0 -1  0
SecondOffset:      1  0  1  1  1  0  0  1
ThirdOffset:       0 -1 -1 -1  0  0  1  0
FirstOffsetClip:   0  1  0  1  0  0 -1  0
SecondOffsetClip:  1  0  1  1  1  0  0  1
ThirdOffsetClip:   0 -1 -1 -1  0  0  1  0

Block 297:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:29 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:0 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:24 S11:49 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:24 S11:42 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:36 S11:39 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:36 S01:48 S11:37 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:12 S11:18 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  1  2  4  4  2  3
Diff_de:          -1  0  0 -1 -1 -1  0  1
Diff_c:           -1  0  1  0 -1 -1  1  0
Diff_f:           -1  0  0  0 -1  1  1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  3  3  2  0  2
# Filtered pixels: 3  4  4  4  3  4  2  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  1  1  1  0  1  0  1
FirstOffset:      -1  0 -1 -1 -1  0  0  1
SecondOffset:     -1  0  0  0 -1 -1  1  0
ThirdOffset:      -1  0  1  1 -1  1  1  0
FirstOffsetClip:  -1  0 -1 -1 -1  0  0  1
SecondOffsetClip: -1  0  0  0 -1 -1  1  0
ThirdOffsetClip:  -1  0  1  1 -1  1  1  0

Block 298:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
```

```
Row:1 S0:29 S01:0 S11:13 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:12 S11:18 S02:24 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:36 S01:12 S11:57 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:0 S11:0 S02:36 S12:54 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:29 S01:12 S11:21 S02:24 S12:42 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:12 S11:34 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:32 S01:36 S11:39 S02:36 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:60 S01:72 S11:73 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  3  0  3  4  2  4  2
Diff_de:           1  1  0 -1  1  1  1 -1
Diff_c:            1  0  0  0  1  0 -1  0
Diff_f:           -1  1  0 -1  1  0  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  3  3  4  2  2
# Filtered pixels: 3  4  4  3  4  4  2  3
# Filtered P pix:  1  1  1  1  1  1  0  0
# Filtered Q pix:  0  1  1  0  1  1  0  1
FirstOffset:       1  1  0 -1  1  1  2 -1
SecondOffset:      1  1  0 -1  1  1  0  1
ThirdOffset:      -1  0  0  0  0 -1  0  0
FirstOffsetClip:   1  1  0 -1  1  1  2 -1
SecondOffsetClip:  1  1  0 -1  1  1  0  1
ThirdOffsetClip:  -1  0  0  0  0 -1  0  0

Block 299:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:26 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:13 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:3 S0:13 S01:48 S11:47 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:4 S0:42 S01:24 S11:21 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:6 S0:31 S01:48 S11:37 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:47 S01:48 S11:37 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:24 S11:36 S02:60 S12:65 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  2  0  0  2  0
Diff_de:          -1  0  0 -1  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  2  0  0  3  2
# Filtered pixels: 3  4  3  3  4  2  3  2
# Filtered P pix:  1  1  0  0  1  0  0  0
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:      -1  0  0 -1  0  0  1  1
SecondOffset:     -1  0 -1  0  0 -1  2  0
ThirdOffset:      -1  0  0  0  0 -1 -1  1
FirstOffsetClip:  -1  0  0 -1  0  0  1  1
SecondOffsetClip: -1  0 -1  0  0 -1  1  0
ThirdOffsetClip:  -1  0  0  0  0 -1 -1  1

Block 300:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:49 S01:0 S11:52 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:0 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:12 S11:13 S02:24 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:42 S01:24 S11:16 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:0 S11:26 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:24 S11:21 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  3  3  3  3  0  1
Diff_de:           0  0  1 -1 -1  1  0  0
Diff_c:            0  0  0  0 -1  1  0 -1
Diff_f:            0  0 -1 -1  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  3  2  4  0  0
# Filtered pixels: 3  3  4  3  2  4  4  2
# Filtered P pix:  1  1  1  1  0  1  1  0
# Filtered Q pix:  0  0  1  0  0  1  1  0
FirstOffset:       0  0  1 -1 -1  1  0  0
SecondOffset:      0  0  0 -1 -1  1  0 -1
ThirdOffset:       1 -1 -1  0  0 -1  0 -1
FirstOffsetClip:   0  0  1 -1 -1  1  0  0
```

```
SecondOffsetClip:  0  0  0 -1 -1  1  0 -1
ThirdOffsetClip:   1 -1 -1  0  0 -1  0 -1

Block 301:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:21 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:37 S01:48 S11:47 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:36 S11:34 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:48 S11:32 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:8 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:21 S01:36 S11:49 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:39 S01:12 S11:31 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:36 S11:24 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  2  2  2
Diff_de:           0  0 -1  0  0 -1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  0  3  3  3
# Filtered pixels: 3  2  3  2  2  3  4  3
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  1  0  1  0  0  1  1  1
FirstOffset:       0 -1 -1  1  0 -1 -1 -1
SecondOffset:      1  1 -1 -1  1  0  0  0
ThirdOffset:       0 -1  1  1 -1  1  1  1
FirstOffsetClip:   0 -1 -1  1  0 -1 -1 -1
SecondOffsetClip:  1  1 -1 -1  1  0  0  0
ThirdOffsetClip:   0 -1  1  1 -1  1  1  1

Block 302:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:0 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:48 S11:52 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:48 S11:47 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:12 S11:8 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:18 S01:12 S11:13 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:26 S01:48 S11:32 S02:36 S12:50 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:36 S11:39 S02:24 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:0 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  0  2  1  1  3  1
Diff_de:           0  0  0  1  0  0  1  0
Diff_c:            0  0  0  0  1  1  0  0
Diff_f:            1  1  0  0  0  0 -1  1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  0  0  1  1
# Filtered pixels: 4  3  3  3  3  2  3  4
# Filtered P pix:  1  0  0  1  1  0  0  1
# Filtered Q pix:  1  1  1  0  0  0  1  1
FirstOffset:       0 -1  0  1  0  0  0  0
SecondOffset:      0 -2  1  0  0  1 -1  0
ThirdOffset:       0  1  0 -1 -1 -1 -1  1
FirstOffsetClip:   0 -1  0  1  0  0  0  0
SecondOffsetClip:  0 -1  1  0  0  1 -1  0
ThirdOffsetClip:   0  1  0 -1 -1 -1 -1  1

Block 303:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:31 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:12 S11:31 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:54 S01:60 S11:40 S02:72 S12:48 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:12 S11:18 S02:36 S12:39 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:36 S11:50 S02:36 S12:37 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:47 S01:12 S11:31 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  1  3  1  1  3  2
Diff_de:           0  0  0  1  0  0 -1  1
Diff_c:           -1  0 -1  0  1  0  1  0
Diff_f:            1  0  0 -1  0  1  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  3  0  0  2  2
# Filtered pixels: 4  4  2  4  4  3  2  3
# Filtered P pix:  1  1  0  1  1  1  0  1
```

```
# Filtered Q pix:  1  1  0  1  1  0  0  0
FirstOffset:       0  0  0  1  0  0 -1  1
SecondOffset:     -1  0 -1  0  0  0  0  0
ThirdOffset:       1  0 -2 -1  0  1  0 -2
FirstOffsetClip:   0  0  0  1  0  0 -1  1
SecondOffsetClip: -1  0 -1  0  0  0  0  0
ThirdOffsetClip:   1  0 -1 -1  0  1  0 -1

Block 304:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:26 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:0 S11:13 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:24 S11:26 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:72 S11:73 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:34 S01:36 S11:29 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:70 S01:60 S11:45 S02:24 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 1  2  1  0  2  0  2  2
Diff_de:           0 -1  0  0 -1  0 -1 -1
Diff_c:            1  0 -1  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  0  0  3  3  2
# Filtered pixels: 2  3  2  4  2  3  4  2
# Filtered P pix:  0  1  0  1  0  0  1  0
# Filtered Q pix:  0  0  0  1  0  1  1  0
FirstOffset:       0 -1  1  0  0  1 -1 -1
SecondOffset:      1 -1  0  0  2  1 -1  1
ThirdOffset:      -1  1 -1  0 -1 -1  0  1
FirstOffsetClip:   0 -1  1  0  0  1 -1 -1
SecondOffsetClip:  1 -1  0  0  1  1 -1  1
ThirdOffsetClip:  -1  1 -1  0 -1 -1  0  1

Block 305:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:31 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:44 S01:48 S11:32 S02:48 S12:58 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:48 S11:47 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:24 S11:31 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:8 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:6 S0:57 S01:48 S11:47 S02:60 S12:45 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:26 S01:24 S11:29 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:24 S01:24 S11:26 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  0  2  0  2
# Filtered pixels: 2  2  2  2  3  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:      -1  0  0  0  0  1  0  1
SecondOffset:      0 -1 -1 -1  0 -1  1  0
ThirdOffset:       0 -1  1  0  0 -2 -1  0
FirstOffsetClip:  -1  0  0  0  0  1  0  1
SecondOffsetClip:  0 -1 -1 -1  0 -1  1  0
ThirdOffsetClip:   0 -1  1  0  0 -1 -1  0

Block 306:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:32 S01:12 S11:13 S02:24 S12:16 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:55 S01:24 S11:21 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:24 S11:26 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:8 S01:0 S11:26 S02:12 S12:21 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:60 S01:48 S11:37 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:24 S11:16 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:48 S11:45 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:21 S01:12 S11:31 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  0  0  0
Diff_de:          -1 -1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  2  0  0  2
# Filtered pixels: 3  3  2  4  2  3  3  3
# Filtered P pix:  1  0  0  1  0  0  0  1
# Filtered Q pix:  0  1  0  1  0  1  1  0
FirstOffset:      -2 -1  0  0  1  0  0 -1
SecondOffset:     -1  0  1  0  2  1 -1  0
ThirdOffset:       1  0  1  0  0  0  0  0
FirstOffsetClip:  -1 -1  0  0  1  0  0 -1
SecondOffsetClip: -1  0  1  0  1  1 -1  0
ThirdOffsetClip:   1  0  1  0  0  0  0  0

Block 307:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:50 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:68 S01:24 S11:36 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:36 S11:34 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:24 S11:31 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:31 S01:12 S11:18 S02:24 S12:36 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:57 S01:12 S11:13 S02:24 S12:31 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:0 S11:39 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:24 S11:29 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  2
Diff_de:           0  0  0 -1  0  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  0  3  4  3
# Filtered pixels: 3  2  3  3  3  3  4  3
# Filtered P pix:  0  0  0  0  1  1  1  0
# Filtered Q pix:  1  0  1  1  0  0  1  1
FirstOffset:       0  2  0 -1  0 -1 -1 -1
SecondOffset:      1  1 -1  0  0 -1 -1 -1
ThirdOffset:       0 -2  0  1  1  0  1  1
FirstOffsetClip:   0  1  0 -1  0 -1 -1 -1
SecondOffsetClip:  1  1 -1  0  0 -1 -1 -1
ThirdOffsetClip:   0 -1  0  1  1  0  1  1

Block 308:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
```

```
Row:1 S0:29 S01:36 S11:34 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:18 S01:36 S11:37 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:48 S11:32 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:48 S11:42 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:0 S11:0 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:0 S11:39 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:55 S01:12 S11:44 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  4  1  3  1  3  2
Diff_de:          -1  0  1  0 -1  0 -1  2
Diff_c:            1 -1  1 -1  0  1  0  0
Diff_f:            0 -1  1  0  1  0  1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  3  0  4  4
# Filtered pixels: 3  3  2  3  3  4  4  4
# Filtered P pix:  0  0  0  0  1  1  1  1
# Filtered Q pix:  1  1  0  1  0  1  1  1
FirstOffset:      -1  0  1  0 -1  0 -1  1
SecondOffset:      0 -1  2 -1 -1  0 -1  1
ThirdOffset:       0  0  1  0  1  0  1 -1
FirstOffsetClip:  -1  0  1  0 -1  0 -1  1
SecondOffsetClip:  0 -1  1 -1 -1  0 -1  1
ThirdOffsetClip:   0  0  1  0  1  0  1 -1

Block 309:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:16 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:54 S01:24 S11:21 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:34 S01:0 S11:0 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:12 S11:60 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:36 S11:24 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:24 S11:31 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:24 S11:42 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  3  3  2  0  3  3
Diff_de:           0  0 -1  1  0  0 -1 -1
Diff_c:           -1 -1 -1  0  1  0  1  0
Diff_f:            0  0  0 -1 -1  0  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  3  3  0  0  3  2
# Filtered pixels: 4  4  4  4  2  4  4  3
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  1  1  1  1  0  1  1  0
FirstOffset:       0  0 -1  1  0  0 -1 -1
SecondOffset:     -1 -1 -1  0  1  0  0  0
ThirdOffset:       0  0  0 -1 -1  0  1  0
FirstOffsetClip:   0  0 -1  1  0  0 -1 -1
SecondOffsetClip: -1 -1 -1  0  1  0  0  0
ThirdOffsetClip:   0  0  0 -1 -1  0  1  0

Block 310:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:57 S01:24 S11:49 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:55 S01:12 S11:18 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:26 S01:12 S11:34 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:48 S11:47 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:57 S01:12 S11:8 S02:36 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:26 S01:48 S11:37 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:48 S11:47 S02:48 S12:45 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  2  1  1  3  1  4
Diff_de:           0  1 -1  0  0  1  0 -1
Diff_c:           -1  0  0 -1  0  1 -1 -1
Diff_f:            0  0  0  0 -1  0  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  1  2  0  2  2
# Filtered pixels: 4  4  3  3  3  3  4  2
# Filtered P pix:  1  1  1  0  1  0  1  0
# Filtered Q pix:  1  1  0  1  0  1  1  0
FirstOffset:       1  1  0  0  1  0  1 -1
SecondOffset:      0  0  0 -1  0  1  0 -2
ThirdOffset:      -1 -1 -1 -1 -1  0  0 -1
FirstOffsetClip:   1  1  0  0  1  0  1 -1
```

```
SecondOffsetClip:  0  0  0 -1  0  1  0 -1
ThirdOffsetClip:  -1 -1 -1 -1 -1  0  0 -1

Block 311:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:29 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:48 S11:52 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:55 S01:36 S11:34 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:31 S01:12 S11:18 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:24 S01:12 S11:60 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:60 S01:0 S11:13 S02:0 S12:0 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:73 S01:72 S11:58 S02:24 S12:49 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 1  2  2  0  2  3  2  2
Diff_de:           0 -1 -1  0  1 -1  1  1
Diff_c:           -1  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  4  2  4  2
# Filtered pixels: 2  3  3  3  4  2  4  2
# Filtered P pix:  0  0  0  1  1  0  1  0
# Filtered Q pix:  0  1  1  0  1  0  1  0
FirstOffset:       0 -1 -1  0  1 -1  1  1
SecondOffset:     -1  1  0  0  1  0  1 -1
ThirdOffset:      -1  0  0 -1 -1  0 -1 -1
FirstOffsetClip:   0 -1 -1  0  1 -1  1  1
SecondOffsetClip: -1  1  0  0  1  0  1 -1
ThirdOffsetClip:  -1  0  0 -1 -1  0 -1 -1

Block 312:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:18 S02:72 S12:53 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:29 S01:36 S11:24 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:24 S01:48 S11:52 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:55 S01:24 S11:16 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:42 S01:12 S11:18 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:26 S01:36 S11:29 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:24 S11:16 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  2  0  0  0
Diff_de:           1  1  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  2  2  0  2  0
# Filtered pixels: 3  3  2  2  3  2  2  3
# Filtered P pix:  1  0  0  0  1  0  0  1
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:       1  1  1 -1  1  0  1  0
SecondOffset:      0  0 -1 -1  0 -1  0  0
ThirdOffset:       1 -1  1 -1 -1 -1  0  1
FirstOffsetClip:   1  1  1 -1  1  0  1  0
SecondOffsetClip:  0  0 -1 -1  0 -1  0  0
ThirdOffsetClip:   1 -1  1 -1 -1 -1  0  1

Block 313:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:42 S01:24 S11:29 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:50 S01:36 S11:29 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:0 S11:13 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:8 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:12 S11:47 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:6 S0:47 S01:48 S11:47 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:36 S01:12 S11:73 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:24 S11:68 S02:36 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  2  0  0  0  0
Diff_de:          -1  0 -1 -1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  0  0  2  0  0
# Filtered pixels: 3  2  3  3  4  2  3  2
# Filtered P pix:  0  0  1  0  1  0  1  0
```

```
# Filtered Q pix:  1  0  0  1  1  0  0  0
FirstOffset:      -1 -2 -1  0  0 -1  0  0
SecondOffset:      0  0 -1  1  0 -2  0 -1
ThirdOffset:       1  0  0  0  0  0  1 -1
FirstOffsetClip:  -1 -1 -1  0  0 -1  0  0
SecondOffsetClip:  0  0 -1  1  0 -1  0 -1
ThirdOffsetClip:   1  0  0  0  0  0  1 -1

Block 314:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:18 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:49 S01:36 S11:44 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:48 S11:47 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:24 S11:36 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:48 S11:42 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:48 S11:47 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:24 S11:31 S02:72 S12:48 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  2  3  4  2  3  4
Diff_de:          -1  0  0  1 -1  0  1 -1
Diff_c:           -1  1 -1  1  1 -1 -1  1
Diff_f:           -1  1  1  0  1 -1  0  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  0  2  1  1  2  2
# Filtered pixels: 4  3  4  3  3  3  3  3
# Filtered P pix:  1  1  1  0  1  0  0  1
# Filtered Q pix:  1  0  1  1  0  1  1  0
FirstOffset:      -1  0  0  1  0  0  1 -1
SecondOffset:     -1  1  0  2  1 -1 -1  0
ThirdOffset:       0  1  0  0  1 -1  0  2
FirstOffsetClip:  -1  0  0  1  0  0  1 -1
SecondOffsetClip: -1  1  0  2  1 -1 -1  0
ThirdOffsetClip:   0  1  0  0  1 -1  0  2

Block 315:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:55 S01:24 S11:49 S02:24 S12:42 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:36 S11:24 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:12 S11:34 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:31 S01:0 S11:0 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:32 S01:0 S11:26 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:16 S01:0 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:0 S11:39 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  3  2  1  3  2  3  3
Diff_de:           1  1  1  0  2  0 -1  1
Diff_c:           -1 -1  0  0  1  1  0  0
Diff_f:            1  0  0  1  0  1  1 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  1  3  1  4  3
# Filtered pixels: 4  2  3  4  3  4  4  3
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  1  0  0  1  0  1  1  0
FirstOffset:       1  1  1  0  2  0 -1  1
SecondOffset:      0  0  1  0  1  1 -1  1
ThirdOffset:       0 -1 -2  1  0  0  1 -1
FirstOffsetClip:   1  1  1  0  1  0 -1  1
SecondOffsetClip:  0  0  1  0  1  1 -1  1
ThirdOffsetClip:   0 -1 -1  1  0  0  1 -1

Block 316:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:55 S01:12 S11:34 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:50 S01:12 S11:57 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:26 S01:48 S11:37 S02:36 S12:63 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:48 S11:42 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:36 S11:24 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:60 S11:50 S02:24 S12:55 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:24 S11:62 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:24 S11:29 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  3  3  3  4  4
Diff_de:          -1 -2  0  1 -1 -1 -1  1
Diff_c:            0  0  1 -1  1  0  1  1
Diff_f:           -1  0  1  0  0  1  1  1
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  0  2  2  3  3  3
# Filtered pixels: 3  4  2  3  3  3  4  3
# Filtered P pix:  1  1  0  0  0  0  1  1
# Filtered Q pix:  0  1  0  1  1  1  1  0
FirstOffset:      -1 -2  0  1 -1 -1 -1  1
SecondOffset:     -1 -1  1 -1  0 -2  0  1
ThirdOffset:       0  1  1  0  0  1  1  1
FirstOffsetClip:  -1 -2  0  1 -1 -1 -1  1
SecondOffsetClip: -1 -1  1 -1  0 -1  0  1
ThirdOffsetClip:   0  1  1  0  0  1  1  1

Block 317:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:34 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:24 S11:29 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:37 S01:24 S11:26 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:39 S01:48 S11:47 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:49 S01:60 S11:60 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:26 S01:0 S11:65 S02:24 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:24 S01:12 S11:21 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:21 S01:0 S11:13 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  0  2  2
Diff_de:           0  0 -1  0 -1  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  2  0  0  2  3
# Filtered pixels: 4  2  3  2  3  3  4  3
# Filtered P pix:  1  0  0  0  0  1  1  1
# Filtered Q pix:  1  0  1  0  1  0  1  0
FirstOffset:       1  0 -1  1  0  0 -1 -1
SecondOffset:      0 -1  0  2 -1  0  0 -1
ThirdOffset:       0  1  0 -1  0  1  0 -1
FirstOffsetClip:   1  0 -1  1  0  0 -1 -1
SecondOffsetClip:  0 -1  0  1 -1  0  0 -1
ThirdOffsetClip:   0  1  0 -1  0  1  0 -1

Block 318:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
```

```
Row:1 S0:47 S01:12 S11:18 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:18 S01:12 S11:47 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:57 S01:24 S11:36 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:42 S01:12 S11:8 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:55 S01:0 S11:13 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:65 S01:12 S11:8 S02:36 S12:49 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:32 S01:24 S11:31 S02:48 S12:62 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:0 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  0  3  3  2  2  3  3
Diff_de:           1  0  1 -1  1  1 -1  1
Diff_c:            0  0 -1  0  0  0  1  0
Diff_f:            0  0  0 -1  0  0  0 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  3  4  2  3  4
# Filtered pixels: 4  4  4  4  4  3  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  0  1
FirstOffset:       1  0  1 -1  1  1 -2  1
SecondOffset:      0  0  0 -1  1  0 -1  1
ThirdOffset:      -1  0 -1  0 -1 -1  0 -1
FirstOffsetClip:   1  0  1 -1  1  1 -1  1
SecondOffsetClip:  0  0  0 -1  1  0 -1  1
ThirdOffsetClip:  -1  0 -1  0 -1 -1  0 -1

Block 319:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:24 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:34 S01:60 S11:60 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:13 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:21 S01:24 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:8 S01:12 S11:60 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:50 S01:12 S11:47 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:21 S01:12 S11:44 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:0 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  4  1  1  1  3  2  1
Diff_de:           0  1  0  0  0 -1  0  0
Diff_c:           -1 -2  1 -1 -1 -1 -1  0
Diff_f:           -2 -1  0  0  0  0  2 -2

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  1  3  0  4  2  1
# Filtered pixels: 4  3  4  4  4  4  4  4
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  1  0  1  0 -2  1  0
SecondOffset:     -1 -1  1  0  0 -1  0  0
ThirdOffset:      -1 -1  0 -1  0  1  0 -1
FirstOffsetClip:   0  1  0  1  0 -2  1  0
SecondOffsetClip: -1 -1  1  0  0 -1  0  0
ThirdOffsetClip:  -1 -1  0 -1  0  1  0 -1

Block 320:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:52 S01:48 S11:52 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:8 S01:24 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:36 S11:29 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:0 S11:0 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:26 S01:12 S11:8 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:48 S11:52 S02:0 S12:65 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:24 S01:24 S11:31 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:36 S11:29 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  1  3  4  2  3  3
Diff_de:          -1  0  0 -2 -1 -1 -1 -1
Diff_c:            0  1  1  0 -1  0  1  1
Diff_f:            0  1  0 -1  1  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  0  0  2  0
# Filtered pixels: 2  4  3  4  4  3  4  2
# Filtered P pix:  0  1  0  1  1  0  1  0
# Filtered Q pix:  0  1  1  1  1  1  1  0
FirstOffset:      -1  0  0 -1  0  0 -1  0
SecondOffset:     -2  1  1 -1  0  1  0  1
ThirdOffset:      -1  1  0  0  0  0  0 -1
FirstOffsetClip:  -1  0  0 -1  0  0 -1  0
```

```
SecondOffsetClip: -1  1  1 -1  0  1  0  1
ThirdOffsetClip:  -1  1  0  0  0  0  0 -1

Block 321:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:16 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:36 S01:36 S11:39 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:37 S01:12 S11:18 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:0 S11:26 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:24 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:50 S01:36 S11:44 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:0 S11:39 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  3  3  1  2  3  3
Diff_de:           1  0  1 -1  0  0  1  1
Diff_c:            1  1  0  0  0  1 -1  0
Diff_f:            0  1 -1 -1 -1  1  0  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  3  1  2  2  3
# Filtered pixels: 4  4  4  3  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:       1  0  1 -1  0  0  2  1
SecondOffset:      1  1  0 -1  0  1  0  1
ThirdOffset:       0  0 -1 -1 -1  1  0  0
FirstOffsetClip:   1  0  1 -1  0  0  2  1
SecondOffsetClip:  1  1  0 -1  0  1  0  1
ThirdOffsetClip:   0  0 -1 -1 -1  1  0  0

Block 322:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:0 S01:24 S11:29 S02:0 S12:65 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:60 S01:0 S11:65 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:3 S0:34 S01:60 S11:60 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:45 S01:0 S11:26 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:53 S01:36 S11:29 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:21 S01:48 S11:37 S02:36 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:52 S01:0 S11:13 S02:12 S12:31 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:55 S01:12 S11:47 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 1  2  3  2  2  2  0  2
Diff_de:           0  1 -1 -1  1  1  0 -1
Diff_c:           -1  0  0  0  0  0  0  0
Diff_f:            0  0  1  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  2  3  2  2  3  3
# Filtered pixels: 3  4  2  3  2  2  4  4
# Filtered P pix:  0  1  0  1  0  0  1  1
# Filtered Q pix:  1  1  0  0  0  0  1  1
FirstOffset:       0  1 -1 -2  2  1 -1 -1
SecondOffset:     -1  1  1 -1  0 -1 -1  0
ThirdOffset:       0 -1  1  0  0  0  0  1
FirstOffsetClip:   0  1 -1 -1  1  1 -1 -1
SecondOffsetClip: -1  1  1 -1  0 -1 -1  0
ThirdOffsetClip:   0 -1  1  0  0  0  0  1

Block 323:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:49 S01:36 S11:24 S02:60 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:47 S01:12 S11:8 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:37 S01:0 S11:13 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:26 S01:36 S11:29 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:16 S01:36 S11:39 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:8 S01:36 S11:29 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:42 S01:12 S11:8 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:16 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  3  4  4  2  1  3  3
Diff_de:           0  1 -1  1  0  0 -1 -1
Diff_c:            1  0 -1  2 -1 -1 -1 -1
Diff_f:            2 -2 -1 -2  2  0  0  0

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  3  2  2  1  3  3
# Filtered pixels: 3  4  4  4  3  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
```

```
# Filtered Q pix:  0  1  1  1  0  1  1  1
FirstOffset:       0  1 -1  0  1  0 -1 -1
SecondOffset:      1  0 -1  1  0 -1 -1 -1
ThirdOffset:       1 -1  0 -1  1  0  0  0
FirstOffsetClip:   0  1 -1  0  1  0 -1 -1
SecondOffsetClip:  1  0 -1  1  0 -1 -1 -1
ThirdOffsetClip:   1 -1  0 -1  1  0  0  0

Block 324:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:24 S01:60 S11:50 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:24 S01:12 S11:8 S02:12 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:16 S01:36 S11:63 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:37 S01:36 S11:44 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:24 S11:55 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:34 S01:36 S11:37 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:48 S11:37 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:60 S11:45 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  0
Diff_de:           0 -1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  2  0  2  0  0
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1 -1  1  1  0 -1  0  0
SecondOffset:     -1 -1  1  0 -1  0 -1 -1
ThirdOffset:       0  0 -1 -1 -1  1  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 325:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:0 S01:0 S11:13 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:55 S01:60 S11:40 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:24 S11:42 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:36 S01:60 S11:45 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:31 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:12 S11:21 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  1  2  2  2  1  3
Diff_de:           0  1  0  0  1  0  0  1
Diff_c:            0 -1  0 -1  0 -1 -1  1
Diff_f:           -1 -1  1  1  0 -1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  1  2  4  1  1  4
# Filtered pixels: 4  3  4  4  4  3  4  4
# Filtered P pix:  1  0  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  1  0  0  1  0  0  1
SecondOffset:      0 -1  0 -1  1 -1  0  1
ThirdOffset:      -1 -1  1  1 -1 -1 -1 -1
FirstOffsetClip:   0  1  0  0  1  0  0  1
SecondOffsetClip:  0 -1  0 -1  1 -1  0  1
ThirdOffsetClip:  -1 -1  1  1 -1 -1 -1 -1

Block 326:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:49 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:54 S01:72 S11:63 S02:60 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:52 S01:36 S11:24 S02:12 S12:60 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:0 S01:12 S11:18 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:0 S11:0 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:29 S01:72 S11:58 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:36 S01:36 S11:29 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:40 S01:24 S11:31 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  3  1  2  3  0  3
Diff_de:           1  0  1  0 -1  1  0 -2
Diff_c:            0  0 -1  1  0  0  0  1
Diff_f:            0  0  0  0  0  1  0  0
```

```
'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  4  2  0  3
# Filtered pixels: 3  2  3  4  4  2  2  3
# Filtered P pix:  0  0  0  1  1  0  0  0
# Filtered Q pix:  1  0  1  1  1  0  0  1
FirstOffset:       1  0  1  0 -1  1  0 -2
SecondOffset:      0  2  0  0 -1 -1  1 -1
ThirdOffset:       0  1  0  0  1  0  1  1
FirstOffsetClip:   1  0  1  0 -1  1  0 -1
SecondOffsetClip:  0  1  0  0 -1 -1  1 -1
ThirdOffsetClip:   0  1  0  0  1  0  1  1

Block 327:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:36 S01:48 S11:52 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:37 S01:36 S11:39 S02:24 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:48 S11:57 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:16 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:36 S11:49 S02:24 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:34 S01:48 S11:52 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:24 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:24 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  0  2  3  0  3  2
Diff_de:           0 -1  0  1  1  0  1  0
Diff_c:            0  0  0  0  0  0  1  1
Diff_f:            0 -1  0  0  1  0  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  3  2  3  3  0
# Filtered pixels: 3  2  3  3  2  3  4  2
# Filtered P pix:  0  0  0  1  0  0  1  0
# Filtered Q pix:  1  0  1  0  0  1  1  0
FirstOffset:       0 -1 -1  1  1 -1  1  0
SecondOffset:     -1  0  1  1  0 -2  1  1
ThirdOffset:       0  0  0 -1  0  1  0  1
FirstOffsetClip:   0 -1 -1  1  1 -1  1  0
SecondOffsetClip: -1  0  1  1  0 -1  1  1
ThirdOffsetClip:   0  0  0 -1  0  1  0  1

Block 328:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:12 S11:18 S02:36 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:31 S01:12 S11:21 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:37 S01:48 S11:42 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:16 S01:60 S11:40 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:0 S01:48 S11:47 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:48 S11:42 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:0 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:13 S01:24 S11:42 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  2  0  0  2  0
Diff_de:           1  0 -1  1  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  2  0  2  0  0
# Filtered pixels: 3  4  3  2  2  2  4  2
# Filtered P pix:  1  1  0  0  0  0  1  0
# Filtered Q pix:  0  1  1  0  0  0  1  0
FirstOffset:       1  0 -1  1  0 -1  0  0
SecondOffset:      1  0  1 -1  1  1  0 -1
ThirdOffset:      -1  0  0  0 -1  0  0 -1
FirstOffsetClip:   1  0 -1  1  0 -1  0  0
SecondOffsetClip:  1  0  1 -1  1  1  0 -1
ThirdOffsetClip:  -1  0  0  0 -1  0  0 -1

Block 329:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:24 S11:21 S02:72 S12:58 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:24 S11:31 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:48 S11:37 S02:48 S12:57 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:12 S11:8 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:8 S01:48 S11:32 S02:24 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:55 S01:24 S11:62 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:54 S01:24 S11:21 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  1  3  0  0  1  3  1
Diff_de:           0  0  1  0  0  0  2  0
Diff_c:            0  1  1  0  0  0 -1 -1
Diff_f:            0  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  3  2  0  1  3  1
# Filtered pixels: 4  3  4  2  3  3  4  4
# Filtered P pix:  1  1  1  0  1  0  1  1
# Filtered Q pix:  1  0  1  0  0  1  1  1
FirstOffset:       0  0  1 -1  0  0  1  0
SecondOffset:      0  1  1  1  0  1  0 -1
ThirdOffset:       0  2  0 -1 -1 -1 -1  0
FirstOffsetClip:   0  0  1 -1  0  0  1  0
SecondOffsetClip:  0  1  1  1  0  1  0 -1
ThirdOffsetClip:   0  1  0 -1 -1 -1 -1  0

Block 330:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:21 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:57 S01:24 S11:36 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:31 S01:12 S11:21 S02:48 S12:57 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:12 S11:8 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:24 S01:0 S11:0 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:24 S11:16 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:48 S11:45 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:24 S11:26 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  0  0  2  3  3  3  3
Diff_de:           0  0  0 -1 -1  1 -1  1
Diff_c:           -1  0  0  0 -1  1  0 -1
Diff_f:            0  0  0  0  0  0 -1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  3  2  0  3
# Filtered pixels: 3  2  3  4  4  2  2  3
# Filtered P pix:  0  0  1  1  1  0  0  0
# Filtered Q pix:  1  0  0  1  1  0  0  1
FirstOffset:       0  1  0 -1 -1  1  0  1
SecondOffset:     -1  0  0  0 -1  1  1  0
ThirdOffset:       0 -2  1  0  0  0 -1 -1
FirstOffsetClip:   0  1  0 -1 -1  1  0  1
```

```
SecondOffsetClip: -1  0  0  0 -1  1  1  0
ThirdOffsetClip:   0 -1  1  0  0  0 -1 -1

Block 331:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:12 S11:18 S02:12 S12:57 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:40 S01:36 S11:44 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:65 S01:12 S11:18 S02:48 S12:47 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:8 S01:0 S11:26 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:24 S11:16 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:12 S11:34 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  3  3  3  3  2  4
Diff_de:           0  0 -2 -1 -1 -1  0  1
Diff_c:            1  1  1  0  0  0  1  1
Diff_f:            0 -1  0  1  1  1  1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  3  2  1  4  2  4
# Filtered pixels: 4  4  4  3  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:       0  0 -2 -1  0 -1  0  1
SecondOffset:      1  0  0  0  0 -1  1  1
ThirdOffset:       0  0  1  2  1  1  1 -1
FirstOffsetClip:   0  0 -2 -1  0 -1  0  1
SecondOffsetClip:  1  0  0  0  0 -1  1  1
ThirdOffsetClip:   0  0  1  2  1  1  1 -1

Block 332:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:52 S01:0 S11:52 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:12 S11:57 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:48 S11:52 S02:60 S12:40 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:60 S11:45 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:60 S01:36 S11:24 S02:12 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:55 S01:36 S11:34 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:21 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:24 S11:31 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  2  3  3  4  3  3
Diff_de:          -1 -1  0 -1  1  1  1 -1
Diff_c:            0  1  1  1  1 -1 -1  0
Diff_f:            0 -1 -1  0  0  1  0  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  2  2  3  2  3  3
# Filtered pixels: 4  4  2  3  4  3  4  4
# Filtered P pix:  1  1  0  0  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  1  1
FirstOffset:      -1 -2 -1 -1  1  1  1 -1
SecondOffset:     -1 -1  1  1  1  0  0  0
ThirdOffset:       1  0 -1  0  0  1 -1  1
FirstOffsetClip:  -1 -2 -1 -1  1  1  1 -1
SecondOffsetClip: -1 -1  1  1  1  0  0  0
ThirdOffsetClip:   1  0 -1  0  0  1 -1  1

Block 333:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:21 S02:48 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:57 S01:0 S11:0 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:24 S11:31 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:48 S11:32 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:0 S11:39 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:60 S11:53 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:8 S01:24 S11:26 S02:36 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:24 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  1  0  0  2  2  1
Diff_de:           1  0  0  0  0  1  0  0
Diff_c:            0  0 -1  0  0  0 -1  1
Diff_f:            0 -1  0  0  0  0  1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  1  3  0  0  1  2
# Filtered pixels: 3  3  4  3  4  3  3  4
# Filtered P pix:  1  1  1  0  1  0  1  1
```

```
# Filtered Q pix:  0  0  1  1  1  1  0  1
FirstOffset:       0 -1  0 -1  0  0  0  0
SecondOffset:      0 -1 -1 -2  0  1 -1  1
ThirdOffset:       1  0  0  1  0  0  1 -1
FirstOffsetClip:   0 -1  0 -1  0  0  0  0
SecondOffsetClip:  0 -1 -1 -1  0  1 -1  1
ThirdOffsetClip:   1  0  0  1  0  0  1 -1

Block 334:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:32 S01:0 S11:39 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:24 S01:36 S11:50 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:24 S01:12 S11:47 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:24 S01:36 S11:49 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:55 S01:12 S11:8 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:0 S01:60 S11:60 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:60 S11:45 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:53 S01:48 S11:42 S02:72 S12:73 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  0  2  0  0  0
Diff_de:          -1 -1 -1  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  2  2  2  0  2  2
# Filtered pixels: 4  3  3  2  3  2  2  2
# Filtered P pix:  1  0  1  0  1  0  0  0
# Filtered Q pix:  1  1  0  0  0  0  0  0
FirstOffset:      -2 -1 -1 -1  1  0  1 -2
SecondOffset:     -1  0  0  0  0 -1 -1  0
ThirdOffset:       1  1  0  0 -1  1  0 -1
FirstOffsetClip:  -1 -1 -1 -1  1  0  1 -1
SecondOffsetClip: -1  0  0  0  0 -1 -1  0
ThirdOffsetClip:   1  1  0  0 -1  1  0 -1

Block 335:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:18 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:36 S11:39 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:12 S11:13 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:24 S11:16 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:57 S01:72 S11:63 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:39 S01:36 S11:24 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:49 S01:12 S11:31 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  2  3  4  1  4  0
Diff_de:          -1  1  0 -1 -1  0  1  0
Diff_c:            0  0 -1  0 -1  0  1  0
Diff_f:            0 -1  1 -1 -1  1 -1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  1  2  3  2  3  0
# Filtered pixels: 4  3  3  4  4  3  3  3
# Filtered P pix:  1  1  0  1  1  0  0  1
# Filtered Q pix:  1  0  1  1  1  1  1  0
FirstOffset:      -1  1  0 -1 -1  1  1  0
SecondOffset:      0  0 -1  0 -1  2  1  0
ThirdOffset:       0 -1  1  0  0  0 -1 -1
FirstOffsetClip:  -1  1  0 -1 -1  1  1  0
SecondOffsetClip:  0  0 -1  0 -1  1  1  0
ThirdOffsetClip:   0 -1  1  0  0  0 -1 -1

Block 336:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:42 S02:12 S12:47 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:60 S01:48 S11:42 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:47 S01:48 S11:42 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:47 S01:24 S11:16 S02:24 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:13 S01:48 S11:37 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:8 S01:24 S11:36 S02:12 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:0 S11:13 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  2  2  4  1  1  0
Diff_de:           0 -1  1 -1  1  0  0  0
Diff_c:            1  0  0  0  1  0 -1  0
Diff_f:            0  0  0  0  1  1  0  0
```

```
'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  2  0  0  0
# Filtered pixels: 3  4  2  2  2  2  3  4
# Filtered P pix:  0  1  0  0  0  0  0  1
# Filtered Q pix:  1  1  0  0  0  0  1  1
FirstOffset:       0 -1  1 -1  1  0  0  0
SecondOffset:      1 -1 -1  1  1 -1 -1  0
ThirdOffset:       0  0 -2  1  0  1  0  0
FirstOffsetClip:   0 -1  1 -1  1  0  0  0
SecondOffsetClip:  1 -1 -1  1  1 -1 -1  0
ThirdOffsetClip:   0  0 -1  1  0  1  0  0

Block 337:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:21 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:24 S11:31 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:29 S01:24 S11:26 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:12 S11:34 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:18 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:36 S11:50 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:48 S11:45 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:36 S11:34 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  4  4  1  1  3  1
Diff_de:           0  1 -1 -1  0  0 -1  0
Diff_c:            0  1  1 -1  1 -1  1  1
Diff_f:            1  0  1  1  0  0  0  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  4  0  0  3  0
# Filtered pixels: 3  3  4  4  4  3  3  3
# Filtered P pix:  1  1  1  1  1  0  0  0
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:       0  1 -1 -1  0  0 -1  0
SecondOffset:      0  1  0 -1  0 -1  1  1
ThirdOffset:       1  0  1  1  0  0  1  0
FirstOffsetClip:   0  1 -1 -1  0  0 -1  0
SecondOffsetClip:  0  1  0 -1  0 -1  1  1
ThirdOffsetClip:   1  0  1  1  0  0  1  0

Block 338:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:49 S01:0 S11:39 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:18 S01:36 S11:24 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:48 S11:45 S02:60 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:12 S11:21 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:52 S01:60 S11:60 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:0 S01:24 S11:16 S02:24 S12:16 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:18 S01:48 S11:32 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:12 S11:8 S02:60 S12:70 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  2  0  0  2
# Filtered pixels: 3  3  2  2  2  2  3  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  0  0  1  0
FirstOffset:       0  0  1  0 -1  0  0  1
SecondOffset:      0  1 -1  0  1  1 -1  1
ThirdOffset:      -1  0  1  0  1 -1  0  1
FirstOffsetClip:   0  0  1  0 -1  0  0  1
SecondOffsetClip:  0  1 -1  0  1  1 -1  1
ThirdOffsetClip:  -1  0  1  0  1 -1  0  1

Block 339:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:73 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:54 S01:12 S11:70 S02:48 S12:62 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:0 S11:0 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:16 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:48 S11:37 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:0 S11:13 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:0 S11:26 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:47 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  1  4  1  4  2  2
Diff_de:           1  0  0 -1  0 -1  1  1
Diff_c:            0  0  0 -1  0 -1  0  0
Diff_f:            0  0  1  1 -1  1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  4  2  1  4  4
# Filtered pixels: 3  3  4  4  3  4  4  4
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:       1  0  0 -1 -1  0  1  1
SecondOffset:      1  0  0 -1 -2  0  1  1
ThirdOffset:      -1  1  1  1  0  1 -1 -1
FirstOffsetClip:   1  0  0 -1 -1  0  1  1
SecondOffsetClip:  1  0  0 -1 -1  0  1  1
ThirdOffsetClip:  -1  1  1  1  0  1 -1 -1

Block 340:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:36 S11:29 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:58 S01:24 S11:36 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:16 S01:24 S11:21 S02:24 S12:36 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:36 S11:29 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:42 S01:12 S11:18 S02:36 S12:34 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:0 S01:0 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:16 S01:12 S11:21 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  0  0  2  0  2
Diff_de:          -1  0 -1  0  0  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  2  0  3  0  3
# Filtered pixels: 4  2  3  2  3  3  3  4
# Filtered P pix:  1  0  0  0  0  1  1  1
# Filtered Q pix:  1  0  1  0  1  0  0  1
FirstOffset:      -1  0 -2  1  0  1  0 -1
SecondOffset:     -1 -1 -1  0 -1  1  0  0
ThirdOffset:       1  1  1  0  0  0 -1  1
FirstOffsetClip:  -1  0 -1  1  0  1  0 -1
```

```
SecondOffsetClip: -1 -1 -1  0 -1  1  0  0
ThirdOffsetClip:   1  1  1  0  0  0 -1  1

Block 341:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:13 S01:60 S11:65 S02:48 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:44 S01:36 S11:44 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:48 S11:42 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:44 S01:24 S11:36 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:55 S01:12 S11:47 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:55 S01:0 S11:13 S02:0 S12:52 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:21 S01:12 S11:31 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  2  2
Diff_de:           0  0  0  0 -1  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  2  0  4  2
# Filtered pixels: 2  3  2  3  3  3  4  3
# Filtered P pix:  0  0  0  0  1  1  1  1
# Filtered Q pix:  0  1  0  1  0  0  1  0
FirstOffset:       0  0 -1  0 -1  0 -1 -1
SecondOffset:     -1  1  1  1  0  0 -1  0
ThirdOffset:       1  0  0  0  0  1  1 -1
FirstOffsetClip:   0  0 -1  0 -1  0 -1 -1
SecondOffsetClip: -1  1  1  1  0  0 -1  0
ThirdOffsetClip:   1  0  0  0  0  1  1 -1

Block 342:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:47 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:47 S01:36 S11:44 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:31 S01:36 S11:49 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:37 S01:36 S11:24 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:39 S01:36 S11:24 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:13 S01:48 S11:37 S02:12 S12:13 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:36 S11:34 S02:12 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:18 S01:12 S11:60 S02:12 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  2  0  0  0
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  1  0  1 -1  0  0  0
SecondOffset:      0  0 -1  0 -1 -1 -1  0
ThirdOffset:       0 -2  1  0  0  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 343:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:65 S01:0 S11:65 S02:0 S12:39 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:65 S01:36 S11:39 S02:12 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:31 S01:12 S11:57 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:36 S11:37 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:18 S01:36 S11:34 S02:12 S12:13 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:54 S01:0 S11:78 S02:24 S12:21 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:21 S01:12 S11:31 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:34 S01:12 S11:18 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  0  0  0  0  2  2
# Filtered pixels: 4  2  2  2  2  3  2  2
# Filtered P pix:  1  0  0  0  0  1  0  0
```

```
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:      -1  1  0  0  0  0  1 -1
SecondOffset:     -1  0  0  1 -1  0  0 -1
ThirdOffset:       1 -1  0 -1  0  1 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 344:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:18 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:24 S01:36 S11:44 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:12 S11:31 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:37 S01:60 S11:45 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:60 S01:48 S11:37 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:57 S01:48 S11:42 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:0 S01:48 S11:47 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:8 S0:0 S01:36 S11:44 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  0  2  0  0  0
Diff_de:           1 -1  1  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  2  2  0  0
# Filtered pixels: 4  3  4  2  3  2  3  2
# Filtered P pix:  1  0  1  0  0  0  0  0
# Filtered Q pix:  1  1  1  0  1  0  1  0
FirstOffset:       0 -1  1 -1 -1  1  0  0
SecondOffset:      0  0  1  1  1  2  1 -1
ThirdOffset:       0  0  0 -1  0  1  0  1
FirstOffsetClip:   0 -1  1 -1 -1  1  0  0
SecondOffsetClip:  0  0  1  1  1  1  1 -1
ThirdOffsetClip:   0  0  0 -1  0  1  0  1

Block 345:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:44 S01:12 S11:31 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:44 S01:0 S11:52 S02:36 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:42 S01:24 S11:42 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:12 S11:8 S02:48 S12:45 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:68 S01:36 S11:39 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:12 S11:31 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:55 S01:12 S11:57 S02:12 S12:21 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:47 S01:12 S11:18 S02:0 S12:52 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
# Pixels with non-zero Diff : 0  0  2  2  2  0  2  2
Diff_de:           0  0 -1 -1  1  0  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  2  0  3  4
# Filtered pixels: 3  3  3  3  2  3  4  4
# Filtered P pix:  1  1  0  1  0  1  1  1
# Filtered Q pix:  0  0  1  0  0  0  1  1
FirstOffset:       0  0 -1 -1  2  0  1  1
SecondOffset:      0  0  0  0  2  0  0  1
ThirdOffset:       1  1  0 -1  0  1 -1 -1
FirstOffsetClip:   0  0 -1 -1  1  0  1  1
SecondOffsetClip:  0  0  0  0  1  0  0  1
ThirdOffsetClip:   1  1  0 -1  0  1 -1 -1

Block 346:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:42 S01:48 S11:62 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:48 S11:47 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:0 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:44 S01:0 S11:39 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:52 S01:48 S11:32 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:24 S11:36 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:0 S11:0 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:50 S01:48 S11:62 S02:24 S12:29 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  0  1  2  0  3
Diff_de:           1 -1  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  1  0  0
Diff_f:            0  0  0  0  1  1  0  1
```

```
'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  2  2  3  3
# Filtered pixels: 3  3  3  4  2  4  3  3
# Filtered P pix:  0  0  1  1  0  1  1  0
# Filtered Q pix:  1  1  0  1  0  1  0  1
FirstOffset:       1 -1  0  0 -1  0 -1 -2
SecondOffset:     -1  1  0  0  1  1 -1  0
ThirdOffset:       0  1 -1  0  1  1  2  2
FirstOffsetClip:   1 -1  0  0 -1  0 -1 -1
SecondOffsetClip: -1  1  0  0  1  1 -1  0
ThirdOffsetClip:   0  1 -1  0  1  1  1  1

Block 347:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:50 S01:24 S11:21 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:36 S11:39 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:49 S01:60 S11:45 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:45 S01:24 S11:21 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:24 S01:48 S11:42 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:48 S11:45 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:16 S01:36 S11:24 S02:24 S12:68 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:36 S11:44 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  2  0  0  2
Diff_de:           0  0  0  1  1  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  2  0  2  0
# Filtered pixels: 2  2  3  3  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  1  0  0  0  1
FirstOffset:      -2  1  0  2  1  0  1  0
SecondOffset:     -2  0 -1  1 -1 -1  0 -1
ThirdOffset:       0  0  0 -1 -1  1 -1  0
FirstOffsetClip:  -1  1  0  1  1  0  1  0
SecondOffsetClip: -1  0 -1  1 -1 -1  0 -1
ThirdOffsetClip:   0  0  0 -1 -1  1 -1  0

Block 348:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
```

```
Row:1 S0:16 S01:24 S11:16 S02:24 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:50 S01:12 S11:18 S02:24 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:52 S01:48 S11:52 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:53 S01:36 S11:29 S02:72 S12:78 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:44 S01:36 S11:24 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:8 S01:24 S11:31 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:16 S01:12 S11:13 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:44 S01:12 S11:8 S02:12 S12:18 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  0  0  0  0
Diff_de:           1  1  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  2  0  0  2  0
# Filtered pixels: 2  3  3  2  3  3  3  4
# Filtered P pix:  0  1  0  0  0  0  1  1
# Filtered Q pix:  0  0  1  0  1  1  0  1
FirstOffset:       1  2  1  2  0  0 -1  0
SecondOffset:      0  1  2  0 -1  1  0  0
ThirdOffset:       0 -1  0  1  0  0  2  0
FirstOffsetClip:   1  1  1  1  0  0 -1  0
SecondOffsetClip:  0  1  1  0 -1  1  0  0
ThirdOffsetClip:   0 -1  0  1  0  0  1  0

Block 349:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:24 S02:12 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:36 S01:48 S11:37 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:0 S11:39 S02:60 S12:40 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:73 S01:48 S11:52 S02:36 S12:44 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:16 S01:36 S11:24 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:13 S01:12 S11:18 S02:60 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:24 S11:42 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:29 S01:12 S11:8 S02:36 S12:24 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  2  0  3  2
# Filtered pixels: 3  2  3  2  2  3  3  3
# Filtered P pix:  0  0  1  0  0  1  0  1
# Filtered Q pix:  1  0  0  0  0  0  1  0
FirstOffset:       0  0 -1  1 -1  0  1 -1
SecondOffset:      1  1 -1 -1  0  0  0  0
ThirdOffset:       0  1  2 -1  0 -1 -1  1
FirstOffsetClip:   0  0 -1  1 -1  0  1 -1
SecondOffsetClip:  1  1 -1 -1  0  0  0  0
ThirdOffsetClip:   0  1  1 -1  0 -1 -1  1

Block 350:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:37 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:0 S11:26 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:48 S11:47 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:73 S01:24 S11:36 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:44 S01:48 S11:45 S02:48 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:63 S01:24 S11:26 S02:36 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:39 S01:24 S11:21 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:12 S11:31 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  0  2  2  2  3  3
Diff_de:           0 -1  0 -1 -1  1 -1 -1
Diff_c:            0  0  0  0  0  0 -1  0
Diff_f:            1  0  0  0  0  0  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  2  2  4
# Filtered pixels: 2  3  3  2  2  2  3  4
# Filtered P pix:  0  1  0  0  0  0  0  1
# Filtered Q pix:  0  0  1  0  0  0  1  1
FirstOffset:       0  0  0 -1  0  2 -1 -1
SecondOffset:      1  0  1 -1  1  1 -1 -1
ThirdOffset:       1  1  0  0  1  0  0  1
FirstOffsetClip:   0  0  0 -1  0  1 -1 -1
```

```
SecondOffsetClip:  1  0  1 -1  1  1 -1 -1
ThirdOffsetClip:   1  1  0  0  1  0  0  1

Block 351:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:39 S01:60 S11:60 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:0 S11:13 S02:12 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:24 S01:48 S11:37 S02:12 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:31 S01:24 S11:36 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:42 S01:12 S11:8 S02:12 S12:8 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:26 S01:12 S11:13 S02:12 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:42 S01:48 S11:52 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  2  0  2  0
Diff_de:           0  0  0  0  1  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  2  0  0  2
# Filtered pixels: 2  3  2  2  2  2  3  2
# Filtered P pix:  0  1  0  0  0  0  1  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1  0 -1  0  1  0  0 -1
SecondOffset:      2  0  1  1  1  0  0  1
ThirdOffset:       0  0  0  0 -1  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 352:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:52 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:31 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:34 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:8 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:24 S11:21 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:37 S01:36 S11:50 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:36 S01:0 S11:0 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:13 S01:24 S11:29 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  1  1  4  3  0  1
Diff_de:           1  0  0  0  1  1  0  0
Diff_c:            0  1  0  0 -1  0  0 -1
Diff_f:            1  1 -1 -1 -1  1  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  0  0  3  2  0  1
# Filtered pixels: 4  4  3  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  0  1
FirstOffset:       1  0  0  0  1  1  0  0
SecondOffset:      1  0  0  0  0  0  0 -1
ThirdOffset:       0  1 -1  0 -1  0  1  0
FirstOffsetClip:   1  0  0  0  1  1  0  0
SecondOffsetClip:  1  0  0  0  0  0  0 -1
ThirdOffsetClip:   0  1 -1  0 -1  0  1  0

Block 353:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:32 S01:12 S11:31 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:37 S01:0 S11:26 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:21 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:0 S11:13 S02:36 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:32 S01:0 S11:13 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:34 S01:48 S11:47 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:0 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:60 S11:50 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  4  2  2  2  0  2
Diff_de:           1  1 -1 -1 -2 -1  0 -1
Diff_c:            0  0  1  0  0  0  0  0
Diff_f:            0  0  1  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  2  0  4  2  0  2
# Filtered pixels: 4  4  2  3  4  2  3  3
# Filtered P pix:  1  1  0  1  1  0  1  0
```

```
# Filtered Q pix:  1  1  0  0  1  0  0  1
FirstOffset:       2  1 -1  0 -2 -1  0 -1
SecondOffset:      1  1  0  0 -1  1  0  1
ThirdOffset:      -1  0  1 -1  1  1  1  0
FirstOffsetClip:   1  1 -1  0 -1 -1  0 -1
SecondOffsetClip:  1  1  0  0 -1  1  0  1
ThirdOffsetClip:  -1  0  1 -1  1  1  1  0

Block 354:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:39 S01:36 S11:29 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:0 S11:13 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:48 S11:52 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:31 S01:24 S11:16 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:24 S11:16 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:57 S01:48 S11:52 S02:72 S12:73 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:78 S01:60 S11:60 S02:0 S12:78 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:65 S01:48 S11:32 S02:72 S12:68 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  2  2  2  0  2  3
Diff_de:           0  0 -1  0  1  0 -1 -1
Diff_c:            1  0  0  1  0  0  0 -1
Diff_f:           -1  1  0 -1  0  0  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  2  3  2  3  2
# Filtered pixels: 2  3  3  4  4  2  3  2
# Filtered P pix:  0  1  0  1  1  0  0  0
# Filtered Q pix:  0  0  1  1  1  0  1  0
FirstOffset:      -1  0 -1  0  1  1 -1 -1
SecondOffset:      0  0 -2  1  0  2  1 -2
ThirdOffset:       0  1  0 -1 -1  1  1 -1
FirstOffsetClip:  -1  0 -1  0  1  1 -1 -1
SecondOffsetClip:  0  0 -1  1  0  1  1 -1
ThirdOffsetClip:   0  1  0 -1 -1  1  1 -1

Block 355:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:8 S02:12 S12:57 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:29 S01:0 S11:26 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:0 S11:26 S02:24 S12:26 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:0 S11:26 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:0 S11:0 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:12 S11:13 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:31 S01:24 S11:16 S02:24 S12:36 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:31 S01:60 S11:40 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  2  2  0  0
Diff_de:          -1 -1  0  0 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  4  3  0  3  4  0  0
# Filtered pixels: 4  4  3  4  4  4  2  3
# Filtered P pix:  1  1  1  1  1  1  0  0
# Filtered Q pix:  1  1  0  1  1  1  0  1
FirstOffset:      -1 -1  1  0 -1 -1  0  0
SecondOffset:     -1 -1  1  0 -1 -1 -1  1
ThirdOffset:       1  1  0  0  0  1 -1  0
FirstOffsetClip:  -1 -1  1  0 -1 -1  0  0
SecondOffsetClip: -1 -1  1  0 -1 -1 -1  1
ThirdOffsetClip:   1  1  0  0  0  1 -1  0

Block 356:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:65 S01:12 S11:18 S02:24 S12:62 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:34 S01:48 S11:32 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:24 S11:42 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:42 S01:12 S11:44 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:0 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:60 S11:65 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:0 S11:39 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:60 S11:50 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  3  2  3  1  0  1
Diff_de:          -1 -1 -1  1  1  0  0  0
Diff_c:            0  0 -1  0  0  0  0  0
Diff_f:            0 -1  0  0 -1 -1  0  1
```

```
'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  2  4  0  0  2
# Filtered pixels: 3  2  2  3  4  2  4  3
# Filtered P pix:  1  0  0  1  1  0  1  0
# Filtered Q pix:  0  0  0  0  1  0  1  1
FirstOffset:      -1 -1 -1  1  1  0  0  1
SecondOffset:     -1 -2 -1  0  1 -1  0 -1
ThirdOffset:       0  0  1  1 -1 -1  0  0
FirstOffsetClip:  -1 -1 -1  1  1  0  0  1
SecondOffsetClip: -1 -1 -1  0  1 -1  0 -1
ThirdOffsetClip:   0  0  1  1 -1 -1  0  0

Block 357:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:8 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:49 S01:60 S11:45 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:72 S11:68 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:0 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:12 S11:31 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:24 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:36 S11:24 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  0  2  2  3  2  2  2
Diff_de:           0  0  0  1 -1  0  0 -1
Diff_c:            0  0 -1  0  0  1 -1  0
Diff_f:            0  0  1  0  1 -1  1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  1  3  4  0  1  2
# Filtered pixels: 4  3  3  3  4  4  4  3
# Filtered P pix:  1  0  1  0  1  1  1  0
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:       0  0  0  1 -1  0  0 -1
SecondOffset:      0  1 -1 -1 -1  0 -1  0
ThirdOffset:       0  0  1 -1  1  0  0  0
FirstOffsetClip:   0  0  0  1 -1  0  0 -1
SecondOffsetClip:  0  1 -1 -1 -1  0 -1  0
ThirdOffsetClip:   0  0  1 -1  1  0  0  0

Block 358:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
```

```
Row:1 S0:16 S01:24 S11:31 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:36 S11:39 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:44 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:49 S01:60 S11:53 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:18 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:36 S11:37 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:24 S11:36 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:24 S11:21 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  1  0  1  3  4  2
Diff_de:           1 -1  0  0  0 -1  1  0
Diff_c:           -1 -1  0  0  0  1 -1  1
Diff_f:           -1  1  1  0  1  0  1  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  0  0  2  2  1
# Filtered pixels: 4  3  4  3  4  3  3  3
# Filtered P pix:  1  0  1  0  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  0
FirstOffset:       1 -1  0  0  0 -1  1  0
SecondOffset:      0 -1  0  1  0  0  0  1
ThirdOffset:      -1  1  1  0  0  0  0  1
FirstOffsetClip:   1 -1  0  0  0 -1  1  0
SecondOffsetClip:  0 -1  0  1  0  0  0  1
ThirdOffsetClip:  -1  1  1  0  0  0  0  1

Block 359:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:0 S11:0 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:0 S11:26 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:48 S11:45 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:0 S11:39 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:24 S01:48 S11:47 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  3  1  0  4  3  4
Diff_de:           0  1  1  0  0 -1 -1  1
Diff_c:           -1  0  0  0  0  1  0 -1
Diff_f:            0  1 -1 -1  0  1  1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  1  3  0  3  4  3
# Filtered pixels: 4  3  4  4  4  3  4  3
# Filtered P pix:  1  1  1  1  1  0  1  0
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:       0  1  0 -1  0 -1 -1  1
SecondOffset:      0  1  0 -1  0  1 -1 -1
ThirdOffset:       0  1 -1  0  0  1  1 -1
FirstOffsetClip:   0  1  0 -1  0 -1 -1  1
SecondOffsetClip:  0  1  0 -1  0  1 -1 -1
ThirdOffsetClip:   0  1 -1  0  0  1  1 -1

Block 360:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:24 S01:48 S11:45 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:39 S01:24 S11:21 S02:24 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:37 S01:36 S11:29 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:60 S01:12 S11:13 S02:12 S12:8 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:5 S0:47 S01:0 S11:26 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:26 S01:0 S11:26 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:55 S01:12 S11:13 S02:24 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:26 S01:48 S11:42 S02:24 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  4  2  2  3  1  3  1
Diff_de:          -1  1 -1 -1  1  0 -1  0
Diff_c:            0 -1  0  0  0  0  0  0
Diff_f:            0 -1  0  0  1  1 -1  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  3  3  0  2  0
# Filtered pixels: 2  2  3  4  3  4  3  2
# Filtered P pix:  0  0  0  1  1  1  1  0
# Filtered Q pix:  0  0  1  1  0  1  0  0
FirstOffset:      -1  1 -1 -1  1  0 -1  0
SecondOffset:      1  0  0  0  1  0  0  1
ThirdOffset:      -1 -1  1  1  0  0  0  1
FirstOffsetClip:  -1  1 -1 -1  1  0 -1  0
```

```
SecondOffsetClip:  1  0  0  0  1  0  0  1
ThirdOffsetClip:  -1 -1  1  1  0  0  0  1

Block 361:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:18 S01:24 S11:26 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:65 S01:0 S11:65 S02:36 S12:44 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:18 S01:12 S11:31 S02:36 S12:24 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:36 S11:37 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:0 S11:26 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:34 S01:12 S11:13 S02:0 S12:26 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:44 S01:24 S11:31 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:24 S11:26 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  2  2  0
Diff_de:           0  0  0  0 -1 -1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  3  3  0  3
# Filtered pixels: 2  3  2  3  3  3  2  3
# Filtered P pix:  0  1  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  1  0  1  0  1
FirstOffset:       0  1  0  1 -1 -1  0  1
SecondOffset:     -1  1  0  0 -1 -1 -1  1
ThirdOffset:      -1 -1 -1 -1  1  1  0 -1
FirstOffsetClip:   0  1  0  1 -1 -1  0  1
SecondOffsetClip: -1  1  0  0 -1 -1 -1  1
ThirdOffsetClip:  -1 -1 -1 -1  1  1  0 -1

Block 362:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:65 S01:60 S11:70 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:39 S01:24 S11:31 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:49 S01:48 S11:45 S02:72 S12:48 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:39 S01:0 S11:26 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:36 S11:44 S02:48 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:34 S01:12 S11:31 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:42 S01:24 S11:31 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:0 S01:12 S11:47 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  2  2  3  0
# Filtered pixels: 2  2  2  3  2  2  3  3
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  1
FirstOffset:      -1 -1  0  1 -1 -1 -1  0
SecondOffset:      1 -1  1  1  0 -1  0  0
ThirdOffset:       2  0  2  1 -1  2  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 363:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:50 S01:0 S11:26 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:21 S01:0 S11:0 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:32 S01:24 S11:36 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:60 S11:60 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:60 S01:60 S11:50 S02:48 S12:52 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:34 S01:24 S11:42 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:18 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:48 S11:45 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  0  0  2  0  0
Diff_de:          -1  1 -1  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 4  4  2  0  2  3  0  2
# Filtered pixels: 4  4  2  2  2  3  2  2
# Filtered P pix:  1  1  0  0  0  0  0  0
```

```
# Filtered Q pix:  1  1  0  0  0  1  0  0
FirstOffset:      -2  1 -2  0  1  1  0  1
SecondOffset:     -1  1 -1  1 -1  1  0 -1
ThirdOffset:       1 -1  1 -1 -2 -1  0 -1
FirstOffsetClip:  -1  1 -1  0  1  1  0  1
SecondOffsetClip: -1  1 -1  1 -1  1  0 -1
ThirdOffsetClip:   1 -1  1 -1 -1 -1  0 -1

Block 364:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:18 S02:48 S12:58 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:50 S01:36 S11:39 S02:12 S12:21 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:37 S01:36 S11:39 S02:36 S12:63 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:42 S01:24 S11:31 S02:24 S12:42 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:48 S11:42 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:47 S01:24 S11:31 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:49 S01:0 S11:78 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:70 S01:48 S11:32 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  4  0  3  1  0
Diff_de:           1 -1  1 -1  0  1  0  0
Diff_c:            0  0  0  1  0 -1  0  0
Diff_f:            0  0  0  1  0  0 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  2  2  0  2
# Filtered pixels: 3  3  2  2  3  3  3  3
# Filtered P pix:  1  0  0  0  0  0  1  0
# Filtered Q pix:  0  1  0  0  1  1  0  1
FirstOffset:       0 -2  1 -1 -1  1  0 -1
SecondOffset:      0  0  0  0  1  0  0 -2
ThirdOffset:      -1  1 -1  1  0  0 -1  0
FirstOffsetClip:   0 -1  1 -1 -1  1  0 -1
SecondOffsetClip:  0  0  0  0  1  0  0 -1
ThirdOffsetClip:  -1  1 -1  1  0  0 -1  0

Block 365:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:34 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:12 S11:44 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:0 S11:26 S02:12 S12:57 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:12 S11:18 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:36 S11:29 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:24 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:55 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:45 S01:60 S11:45 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  3  2  1  2  3
Diff_de:           0  0 -1  1  0  0  1  1
Diff_c:            1  1 -1  0  1  1  0 -1
Diff_f:           -1  0  0  1 -1  0  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  1  1  3  3
# Filtered pixels: 4  4  4  3  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  0
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:      -1  0 -1  1  0  0  1  2
SecondOffset:      0  0 -1  0  1  1  1  0
ThirdOffset:       0  0  0  1  0  0  0 -1
FirstOffsetClip:  -1  0 -1  1  0  0  1  2
SecondOffsetClip:  0  0 -1  0  1  1  1  0
ThirdOffsetClip:   0  0  0  1  0  0  0 -1

Block 366:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:34 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:47 S01:60 S11:45 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:60 S01:60 S11:45 S02:24 S12:36 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:50 S01:60 S11:50 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:31 S01:12 S11:21 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:44 S01:48 S11:52 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:37 S01:36 S11:29 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:48 S11:47 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  2  2
Diff_de:           0  1  0  0  0  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  0  0  2  2
# Filtered pixels: 2  3  2  2  3  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  1  0  0  0
FirstOffset:       0  1 -1 -2  0  0 -1 -1
SecondOffset:     -1 -1 -2  0  0  1  0  1
ThirdOffset:       1 -1  0  1  0  1  0  0
FirstOffsetClip:   0  1 -1 -1  0  0 -1 -1
SecondOffsetClip: -1 -1 -1  0  0  1  0  1
ThirdOffsetClip:   1 -1  0  1  0  1  0  0

Block 367:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:60 S01:48 S11:57 S02:24 S12:21 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:0 S01:0 S11:39 S02:36 S12:24 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:16 S01:36 S11:24 S02:48 S12:58 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:24 S11:31 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:47 S01:60 S11:40 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:21 S01:0 S11:26 S02:12 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:0 S01:0 S11:65 S02:60 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:44 S01:24 S11:16 S02:72 S12:73 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  0  2  0  0
Diff_de:           0  0  0  1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  2  3  0  0
# Filtered pixels: 2  3  2  3  2  3  3  2
# Filtered P pix:  0  1  0  0  0  1  1  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       1  0  1  1  1  1  0  0
SecondOffset:      2  0  0  1 -1  1  0  1
ThirdOffset:       0  1  1 -1 -1 -1  1  2
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 368:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
```

```
Row:1 S0:21 S01:36 S11:24 S02:60 S12:70 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:39 S01:48 S11:52 S02:24 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:48 S11:45 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:12 S11:8 S02:24 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:70 S01:48 S11:62 S02:24 S12:62 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:31 S01:48 S11:45 S02:24 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:37 S01:24 S11:42 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:60 S01:12 S11:57 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 1  1  0  1  0  1  3  2
Diff_de:           0  0  0  0  0  0  1  1
Diff_c:           -1  0  0  0  0  0 -1  0
Diff_f:            0 -1  0 -1  0 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  2  0  3  2
# Filtered pixels: 2  2  2  3  2  2  3  3
# Filtered P pix:  0  0  0  1  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:       1  1  0  0  1  0  1  1
SecondOffset:      0 -1  1  0  2 -1  0  0
ThirdOffset:       1 -1 -1 -1  0 -1 -1 -1
FirstOffsetClip:   1  1  0  0  1  0  1  1
SecondOffsetClip:  0 -1  1  0  1 -1  0  0
ThirdOffsetClip:   1 -1 -1 -1  0 -1 -1 -1

Block 369:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:47 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:50 S01:0 S11:0 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:12 S11:31 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:60 S01:60 S11:55 S02:24 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:48 S11:42 S02:12 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:12 S11:13 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:13 S01:48 S11:37 S02:36 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:0 S11:26 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  3  1  2  1  3
Diff_de:           1 -1 -1 -1  0  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0 -1  1  0  1 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  2  0  3  0  3
# Filtered pixels: 4  3  3  3  3  4  2  4
# Filtered P pix:  1  1  1  0  0  1  0  1
# Filtered Q pix:  1  0  0  1  1  1  0  1
FirstOffset:       1 -2 -1 -1  0  1  0 -1
SecondOffset:      1 -1 -1 -2  1  0 -1 -1
ThirdOffset:       0  0 -1  0  0 -1  1  0
FirstOffsetClip:   1 -1 -1 -1  0  1  0 -1
SecondOffsetClip:  1 -1 -1 -1  1  0 -1 -1
ThirdOffsetClip:   0  0 -1  0  0 -1  1  0

Block 370:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:45 S02:24 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:12 S11:34 S02:12 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:60 S11:45 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:21 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:12 S11:18 S02:24 S12:16 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:8 S01:0 S11:13 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:42 S01:48 S11:42 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:57 S01:24 S11:36 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  0  0  3  3  2  2  0
Diff_de:          -1  0  0 -1 -1 -1 -1  0
Diff_c:            0  0  0 -1  0  0  0  0
Diff_f:            1  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  3  3  0  2  2
# Filtered pixels: 2  4  2  3  3  3  2  2
# Filtered P pix:  0  1  0  0  1  1  0  0
# Filtered Q pix:  0  1  0  1  0  0  0  0
FirstOffset:       0  0  0 -1 -1  0 -1  1
SecondOffset:     -1  0  1 -1 -1  0  1  0
ThirdOffset:       1  0  1  1  0 -1 -1 -1
FirstOffsetClip:   0  0  0 -1 -1  0 -1  1
```

```
SecondOffsetClip: -1  0  1 -1 -1  0  1  0
ThirdOffsetClip:   1  0  1  1  0 -1 -1 -1

Block 371:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:49 S01:12 S11:47 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:18 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:24 S01:24 S11:36 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:60 S11:65 S02:24 S12:29 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:48 S11:37 S02:36 S12:50 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:34 S01:0 S11:39 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:58 S01:24 S11:26 S02:48 S12:58 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:12 S11:31 S02:24 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  2  3  3  4  3  3  3
Diff_de:           0  0 -1  1  1 -1  2  1
Diff_c:            0  1  1  0 -1  0 -1  0
Diff_f:            0 -1  0  1  1  1  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  2  2  2  4  3  2
# Filtered pixels: 3  4  4  3  2  4  3  4
# Filtered P pix:  1  1  1  0  0  1  1  1
# Filtered Q pix:  0  1  1  1  0  1  0  1
FirstOffset:       0  0 -1  1  1 -1  2  1
SecondOffset:      0  0  0  2 -1 -1  1  0
ThirdOffset:       1 -1  0  0  0  1  0  0
FirstOffsetClip:   0  0 -1  1  1 -1  2  1
SecondOffsetClip:  0  0  0  1 -1 -1  1  0
ThirdOffsetClip:   1 -1  0  0  0  1  0  0

Block 372:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:65 S01:24 S11:62 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:24 S01:0 S11:0 S02:24 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:36 S11:29 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:12 S11:18 S02:24 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:50 S01:24 S11:36 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:37 S01:12 S11:47 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:55 S01:24 S11:16 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:47 S01:36 S11:39 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  2  2  2  0
Diff_de:           0 -1  0  0  1  1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  3  3  4  3  2
# Filtered pixels: 2  3  3  3  3  4  3  2
# Filtered P pix:  0  1  0  1  0  1  0  0
# Filtered Q pix:  0  0  1  0  1  1  1  0
FirstOffset:      -1 -1  1  1  2  1 -1 -1
SecondOffset:      0 -1  1  1  1  1 -1 -1
ThirdOffset:       1  0 -1 -1 -1 -1  1 -1
FirstOffsetClip:  -1 -1  1  1  1  1 -1 -1
SecondOffsetClip:  0 -1  1  1  1  1 -1 -1
ThirdOffsetClip:   1  0 -1 -1 -1 -1  1 -1

Block 373:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:16 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:0 S11:13 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:36 S11:24 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:57 S01:0 S11:39 S02:48 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:0 S11:13 S02:36 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:68 S01:0 S11:39 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:36 S11:39 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  2  4  0  3  2  2
Diff_de:          -1 -1 -1  1  0 -1 -2  0
Diff_c:            0  0  0  1  0  0  0 -1
Diff_f:           -1 -1  0 -1  0 -1  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  0  3  3  3  2
# Filtered pixels: 4  4  3  2  3  3  3  3
# Filtered P pix:  1  1  1  0  1  1  1  0
```

```
# Filtered Q pix:  1  1  0  0  0  0  0  1
FirstOffset:      -1 -1 -1  0  1 -1 -2  1
SecondOffset:      0  0 -1  1  1 -1 -1  0
ThirdOffset:       0  0  2 -1  1  0  0  0
FirstOffsetClip:  -1 -1 -1  0  1 -1 -2  1
SecondOffsetClip:  0  0 -1  1  1 -1 -1  0
ThirdOffsetClip:   0  0  1 -1  1  0  0  0

Block 374:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:65 S01:0 S11:13 S02:12 S12:44 ActOverall:0 Act1:3 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
Row:2 S0:29 S01:12 S11:34 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:24 S01:0 S11:13 S02:24 S12:31 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:49 S01:72 S11:58 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:0 S01:12 S11:47 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:6 S0:50 S01:12 S11:21 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:31 S01:0 S11:26 S02:60 S12:53 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:31 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  0  0  2  0  2
Diff_de:           0  1  1  0  0  1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  0  0  2  0  2
# Filtered pixels: 3  2  3  2  2  2  3  2
# Filtered P pix:  1  0  1  0  0  0  1  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  1  1  0  0  2  0  1
SecondOffset:     -1  1  1 -2  0  1  0  0
ThirdOffset:       1  0  0 -1  0  0 -1 -1
FirstOffsetClip:  -1  1  1  0  0  1  0  1
SecondOffsetClip: -1  1  1 -1  0  1  0  0
ThirdOffsetClip:   1  0  0 -1  0  0 -1 -1

Block 375:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:62 S01:36 S11:49 S02:36 S12:49 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:18 S01:24 S11:55 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:16 S01:12 S11:34 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:12 S11:18 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:8 S01:24 S11:42 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:6 S0:62 S01:48 S11:37 S02:12 S12:44 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:8 S01:0 S11:39 S02:24 S12:31 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:12 S11:13 S02:36 S12:49 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  0  0  0  0
# Filtered pixels: 2  2  4  4  3  3  3  3
# Filtered P pix:  0  0  1  1  0  0  1  1
# Filtered Q pix:  0  0  1  1  1  1  0  0
FirstOffset:       0  0  1  0  0  0  0  0
SecondOffset:      1  1  0  0 -1 -1  0  0
ThirdOffset:       1  1 -1  0  0  0 -1 -1
FirstOffsetClip:   0  0  1  0  0  0  0  0
SecondOffsetClip:  1  1  0  0 -1 -1  0  0
ThirdOffsetClip:   1  1 -1  0  0  0 -1 -1

Block 376:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:29 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:32 S01:60 S11:55 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:29 S01:24 S11:42 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:36 S11:29 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:29 S01:24 S11:16 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:0 S11:26 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:72 S11:48 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  1  2  1  0  2
Diff_de:          -1  1  0  0 -1  0  0  1
Diff_c:            0  0  0  0  0  1  0  0
Diff_f:            0  0  0 -1  0  0  0  0
```

```
'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  0  2  2  0  2
# Filtered pixels: 2  2  3  3  2  2  3  3
# Filtered P pix:  0  0  0  1  0  0  1  0
# Filtered Q pix:  0  0  1  0  0  0  0  1
FirstOffset:      -1  2  1  0 -2  1  0  1
SecondOffset:      0  0  1  0  0  1  0 -1
ThirdOffset:       0 -1 -1 -1  1 -1  1  0
FirstOffsetClip:  -1  1  1  0 -1  1  0  1
SecondOffsetClip:  0  0  1  0  0  1  0 -1
ThirdOffsetClip:   0 -1 -1 -1  1 -1  1  0

Block 377:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:34 S02:24 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:24 S11:21 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:18 S01:12 S11:31 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:24 S11:29 S02:72 S12:53 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:52 S01:12 S11:21 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:70 S01:12 S11:18 S02:24 S12:36 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:57 S01:60 S11:50 S02:48 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:34 S01:12 S11:21 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  2
Diff_de:          -1  0  0  0  1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  2  2  2  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  1  0 -1  1  1  1  1
SecondOffset:     -1  1  0  0  1  1 -1  0
ThirdOffset:       0 -1 -1 -1  0  0 -2 -1
FirstOffsetClip:  -1  1  0 -1  1  1  1  1
SecondOffsetClip: -1  1  0  0  1  1 -1  0
ThirdOffsetClip:   0 -1 -1 -1  0  0 -1 -1

Block 378:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
```

```
Row:1 S0:57 S01:0 S11:26 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:29 S01:12 S11:8 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:44 S01:48 S11:45 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:12 S11:31 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:0 S11:26 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:12 S11:21 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:52 S01:24 S11:21 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  2  0  1  2  0  2  1
Diff_de:           0 -1  0  0 -1  0  1  0
Diff_c:            0  0  0  1  0  0  0 -1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  0  0  4  0  3  4
# Filtered pixels: 4  4  3  4  4  4  4  4
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1 -1  0  0 -1  0  1 -1
SecondOffset:     -1  0 -1  0 -1  0  0 -1
ThirdOffset:       1  0  0  0  1  0 -1  1
FirstOffsetClip:  -1 -1  0  0 -1  0  1 -1
SecondOffsetClip: -1  0 -1  0 -1  0  0 -1
ThirdOffsetClip:   1  0  0  0  1  0 -1  1

Block 379:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:47 S01:48 S11:47 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:42 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:60 S01:0 S11:52 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:0 S11:26 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:58 S01:24 S11:16 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:18 S01:36 S11:37 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:60 S01:12 S11:47 S02:72 S12:63 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:24 S11:36 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  2  3  3  2  2  2
Diff_de:           1 -1 -1  1 -2  0 -1  0
Diff_c:           -1 -1  0  0  1 -1  0  1
Diff_f:            1  0  0 -1  0  1  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  4  4  3  1  2  2
# Filtered pixels: 3  4  4  4  3  3  3  3
# Filtered P pix:  0  1  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  0  1  0  0
FirstOffset:       1 -1 -1  1 -2  0 -1 -1
SecondOffset:     -1 -1 -1  1 -1 -1  0  0
ThirdOffset:       0  0  1 -1  0  1 -1  0
FirstOffsetClip:   1 -1 -1  1 -2  0 -1 -1
SecondOffsetClip: -1 -1 -1  1 -1 -1  0  0
ThirdOffsetClip:   0  0  1 -1  0  1 -1  0

Block 380:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:36 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:16 S01:12 S11:8 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:36 S11:54 S02:12 S12:57 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:12 S11:31 S02:12 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:34 S01:24 S11:36 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:12 S11:18 S02:24 S12:68 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:31 S01:60 S11:53 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:24 S11:42 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  2
Diff_de:           0 -1  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  4  3  0  0  3
# Filtered pixels: 2  4  3  4  3  3  3  3
# Filtered P pix:  0  1  0  1  0  1  0  0
# Filtered Q pix:  0  1  1  1  1  0  1  1
FirstOffset:       1 -1  0  1  1  0  0  1
SecondOffset:      0  0  1  1  0  0  1  0
ThirdOffset:       1  1  0 -1 -1  1  0 -1
FirstOffsetClip:   1 -1  0  1  1  0  0  1
```

```
SecondOffsetClip:  0  0  1  1  0  0  1  0
ThirdOffsetClip:   1  1  0 -1 -1  1  0 -1

Block 381:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:48 S11:32 S02:60 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:55 S01:12 S11:13 S02:36 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:0 S01:24 S11:21 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:18 S01:12 S11:18 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:0 S01:36 S11:29 S02:24 S12:55 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  2  1  2  2  0  2
Diff_de:          -1  1  1  0  0  0  0  0
Diff_c:            1  0  0  1  1  1  0  1
Diff_f:            0  0  0  0 -1 -1  0 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  1  1  1  0  1
# Filtered pixels: 4  2  3  4  4  4  4  3
# Filtered P pix:  1  0  1  1  1  1  1  0
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:      -1  0  1  0  0  0  0  0
SecondOffset:      0 -1  0  1  0  1  0  1
ThirdOffset:       1  1  0  0 -1  0  0 -1
FirstOffsetClip:  -1  0  1  0  0  0  0  0
SecondOffsetClip:  0 -1  0  1  0  1  0  1
ThirdOffsetClip:   1  1  0  0 -1  0  0 -1

Block 382:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:31 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:12 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:8 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:24 S11:26 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:36 S11:39 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:0 S01:48 S11:58 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  2  3  2  0  0  3
Diff_de:           0  0  0 -1  0  0  0 -1
Diff_c:           -1  0  1  1  1  0  0  0
Diff_f:            0 -1 -1  0 -1  0  0 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  1  3  1  0  0  2
# Filtered pixels: 4  4  4  4  3  3  4  4
# Filtered P pix:  1  1  1  1  0  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  0  0 -1  0  0  0 -1
SecondOffset:      0  0  0  0  1  1  0  0
ThirdOffset:       0  0 -1  1 -1  0  0  0
FirstOffsetClip:   1  0  0 -1  0  0  0 -1
SecondOffsetClip:  0  0  0  0  1  1  0  0
ThirdOffsetClip:   0  0 -1  1 -1  0  0  0

Block 383:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:53 S01:12 S11:31 S02:48 S12:52 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:21 S01:48 S11:45 S02:0 S12:65 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:73 S01:24 S11:36 S02:36 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:21 S01:24 S11:55 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:36 S11:34 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:12 S11:8 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:24 S11:21 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:0 S11:13 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  2  2  0  1  2
Diff_de:           2  0  1  0  1  0  0 -1
Diff_c:            0  0  0  1  0  0 -1  0
Diff_f:            0  0  0  1  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  3  0  0  3
# Filtered pixels: 3  3  2  2  3  3  2  3
# Filtered P pix:  1  0  0  0  0  1  0  1
```

```
# Filtered Q pix:  0  1  0  0  1  0  0  0
FirstOffset:       2 -1  1 -1  1  0  0 -1
SecondOffset:      1  1  0  0  0  0 -1 -1
ThirdOffset:       0  1 -1  1 -1 -1 -1  1
FirstOffsetClip:   1 -1  1 -1  1  0  0 -1
SecondOffsetClip:  1  1  0  0  0  0 -1 -1
ThirdOffsetClip:   0  1 -1  1 -1 -1 -1  1

Block 384:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:8 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:12 S11:18 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:36 S11:34 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:36 S11:39 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:36 S11:34 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:60 S01:0 S11:13 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:55 S01:36 S11:39 S02:48 S12:57 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:18 S01:36 S11:37 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  4  4  3  2  4  2
Diff_de:           1  0  1 -1 -1 -1 -1  0
Diff_c:            1  0  1 -1  1  0 -1 -1
Diff_f:           -1  0 -1  1  0  0 -1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  0  1  0  4  2  1
# Filtered pixels: 4  4  3  3  2  4  2  3
# Filtered P pix:  1  1  0  0  0  1  0  0
# Filtered Q pix:  1  1  1  1  0  1  0  1
FirstOffset:       1  0  0  0  0 -1 -1  0
SecondOffset:      1  0  1 -1  1 -1 -1 -1
ThirdOffset:      -1  0  0  1 -1  1 -1 -1
FirstOffsetClip:   1  0  0  0  0 -1 -1  0
SecondOffsetClip:  1  0  1 -1  1 -1 -1 -1
ThirdOffsetClip:  -1  0  0  1 -1  1 -1 -1

Block 385:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:36 S01:60 S11:50 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:29 S01:0 S11:52 S02:12 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:24 S01:36 S11:24 S02:72 S12:53 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:70 S01:60 S11:65 S02:36 S12:39 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:16 S01:0 S11:13 S02:12 S12:8 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:12 S11:47 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:26 S01:72 S11:58 S02:12 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:55 S01:48 S11:42 S02:36 S12:29 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  2  0  0  0
Diff_de:           0  1  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  2  3  0  0  2
# Filtered pixels: 2  3  2  2  3  2  2  2
# Filtered P pix:  0  1  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  1 -1  1  1  0  0 -1
SecondOffset:      1  1  0 -1  1  0 -2  1
ThirdOffset:       1  0 -1 -1  0  1  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 386:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:18 S01:48 S11:42 S02:24 S12:36 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:73 S01:12 S11:18 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:34 S01:48 S11:32 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:48 S11:42 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:48 S11:57 S02:60 S12:70 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:39 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:36 S11:37 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:12 S11:31 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  4  4  2  2  2  4
Diff_de:           0  1 -1  1  1  0  0  1
Diff_c:           -1  0  1 -1  0  1 -1  1
Diff_f:            1  1  1 -1  0 -1  1 -1
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  3  3  2  2  0  0
# Filtered pixels: 3  4  3  3  2  3  3  3
# Filtered P pix:  0  1  0  0  0  1  0  1
# Filtered Q pix:  1  1  1  1  0  0  1  0
FirstOffset:       0  1 -1  1  2 -1  0  0
SecondOffset:     -1  1  1 -1  0  0 -1  0
ThirdOffset:       1  0  1 -1  0  0  0 -1
FirstOffsetClip:   0  1 -1  1  2 -1  0  0
SecondOffsetClip: -1  1  1 -1  0  0 -1  0
ThirdOffsetClip:   1  0  1 -1  0  0  0 -1

Block 387:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:68 S01:12 S11:31 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:34 S01:48 S11:42 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:48 S11:45 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:18 S01:0 S11:0 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:48 S11:47 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:8 S01:0 S11:13 S02:24 S12:36 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:8 S02:36 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:36 S11:29 S02:24 S12:36 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  2  1  2  1  2  2
Diff_de:          -1  0  1  0  1  0  1  0
Diff_c:            0  0  0  0  0  0  0  1
Diff_f:            0  1  0 -1  0  1  0  1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  3  1  3  1  0  3
# Filtered pixels: 4  2  3  4  3  4  3  3
# Filtered P pix:  1  0  0  1  0  1  1  0
# Filtered Q pix:  1  0  1  1  1  1  0  1
FirstOffset:      -2 -1  1  0  1  0  0 -1
SecondOffset:     -1 -2 -1  0 -1  0  0  0
ThirdOffset:       1  1 -1 -1 -1  1 -1  1
FirstOffsetClip:  -1 -1  1  0  1  0  0 -1
SecondOffsetClip: -1 -1 -1  0 -1  0  0  0
ThirdOffsetClip:   1  1 -1 -1 -1  1 -1  1

Block 388:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:29 S01:0 S11:13 S02:36 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:13 S01:36 S11:24 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:8 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:24 S11:68 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:12 S11:8 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:24 S11:31 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:21 S01:0 S11:13 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:24 S11:16 S02:24 S12:16 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  2
Diff_de:          -1  0  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  2  4  3  4  2
# Filtered pixels: 3  3  3  2  4  3  4  2
# Filtered P pix:  1  0  0  0  1  0  1  0
# Filtered Q pix:  0  1  1  0  1  1  1  0
FirstOffset:      -1  0  0 -1  1  1  1 -1
SecondOffset:     -1  1  1  0  1  0  1 -1
ThirdOffset:       0  0  0  2 -1 -1 -1  1
FirstOffsetClip:  -1  0  0 -1  1  1  1 -1
SecondOffsetClip: -1  1  1  0  1  0  1 -1
ThirdOffsetClip:   0  0  0  1 -1 -1 -1  1

Block 389:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:18 S01:48 S11:42 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:0 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:3 S0:68 S01:36 S11:29 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:24 S01:12 S11:21 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:50 S01:12 S11:21 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:65 S01:36 S11:34 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:24 S11:21 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:36 S11:50 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  2  0  0  0
Diff_de:           0  0  0  1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  3  3  2  0  3
# Filtered pixels: 2  3  2  4  3  2  3  3
# Filtered P pix:  0  0  0  1  1  0  0  0
# Filtered Q pix:  0  1  0  1  0  0  1  1
FirstOffset:       0  0  2  1 -2  1  0 -1
SecondOffset:     -1 -1  2  0 -1  1  1 -1
ThirdOffset:       1  0 -1 -1  0  1  0  1
FirstOffsetClip:   0  0  1  1 -1  1  0 -1
SecondOffsetClip: -1 -1  1  0 -1  1  1 -1
ThirdOffsetClip:   1  0 -1 -1  0  1  0  1

Block 390:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:45 S01:36 S11:29 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:36 S11:34 S02:60 S12:70 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:32 S01:12 S11:60 S02:48 S12:45 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:12 S11:8 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:32 S01:60 S11:40 S02:24 S12:36 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:24 S11:49 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:0 S11:39 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  3  1  4  4  2  0
Diff_de:           1  0  1  0 -1 -1  0  0
Diff_c:           -1  1  0  0 -1  1  1  0
Diff_f:            1  0  1  1 -1 -1 -1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  3  1  3  3  2  1
# Filtered pixels: 3  3  3  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  0  0  0  1  1  1  1  1
FirstOffset:       2  0  2  0 -1 -2  0  0
SecondOffset:      0  1  1  0 -1  0  1  0
ThirdOffset:       0  1  0  1  0  1 -1  1
FirstOffsetClip:   2  0  2  0 -1 -2  0  0
```

```
SecondOffsetClip:  0  1  1  0 -1  0  1  0
ThirdOffsetClip:   0  1  0  1  0  1 -1  1

Block 391:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:31 S02:12 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:12 S11:21 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:36 S11:39 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:13 S01:12 S11:34 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:36 S11:39 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:24 S11:68 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:16 S01:0 S11:39 S02:12 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:52 S01:0 S11:26 S02:48 S12:42 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  2  3  3
# Filtered pixels: 2  2  3  2  2  2  3  3
# Filtered P pix:  0  0  0  0  0  0  1  1
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:       0  0  0  0  1 -1 -1 -1
SecondOffset:      0  0 -1  0  0 -1 -1 -1
ThirdOffset:       0  1  0 -1  1  1  1  2
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 392:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:24 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:48 S11:52 S02:24 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:49 S01:72 S11:68 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:18 S01:12 S11:13 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:60 S01:12 S11:44 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
```

```
Row:6 S0:8 S01:0 S11:26 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:0 S11:26 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:24 S01:48 S11:52 S02:60 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  3  0  1  2  0  0  2
Diff_de:          -1 -1  0  0  1  0  0  1
Diff_c:            0  0  0  1  0  0  0  0
Diff_f:            0 -1  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  3  0  3  2
# Filtered pixels: 3  2  3  3  4  4  3  2
# Filtered P pix:  1  0  0  1  1  1  1  0
# Filtered Q pix:  0  0  1  0  1  1  0  0
FirstOffset:      -1 -1  0  0  1  0 -1  1
SecondOffset:     -1 -2  2  0  0  0 -1 -1
ThirdOffset:       0  0  0 -1 -1  0  2  1
FirstOffsetClip:  -1 -1  0  0  1  0 -1  1
SecondOffsetClip: -1 -1  1  0  0  0 -1 -1
ThirdOffsetClip:   0  0  0 -1 -1  0  1  1

Block 393:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:49 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:12 S11:13 S02:72 S12:48 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:34 S01:12 S11:34 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:21 S01:24 S11:26 S02:60 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:31 S01:36 S11:50 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:0 S11:13 S02:24 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:12 S11:34 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:34 S01:24 S11:26 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  2  2  0
Diff_de:           0  1  0  0  0  1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  0  3  3  3
# Filtered pixels: 3  3  4  2  2  3  3  3
# Filtered P pix:  0  1  1  0  0  1  1  0
```

```
# Filtered Q pix:  1  0  1  0  0  0  0  1
FirstOffset:       1  1  1  1  0  1 -1  1
SecondOffset:      0  0  1  0  1  1 -1  1
ThirdOffset:      -1  1  0  1 -1  0 -1 -1
FirstOffsetClip:   1  1  1  1  0  1 -1  1
SecondOffsetClip:  0  0  1  0  1  1 -1  1
ThirdOffsetClip:  -1  1  0  1 -1  0 -1 -1

Block 394:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:55 S01:24 S11:21 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:60 S11:50 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:24 S11:62 S02:36 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:32 S01:12 S11:44 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:78 S01:24 S11:21 S02:60 S12:65 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:57 S01:0 S11:26 S02:0 S12:52 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:18 S01:24 S11:68 S02:48 S12:32 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  1  2  3  2  2  0  1
Diff_de:          -1  0  1  1  2 -1  0  0
Diff_c:            1 -1  0 -1  0  0  0 -1
Diff_f:            1  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  3  2  4  0
# Filtered pixels: 2  4  3  2  3  2  4  2
# Filtered P pix:  0  1  0  0  1  0  1  0
# Filtered Q pix:  0  1  1  0  0  0  1  0
FirstOffset:      -1  0  1  0  2 -1 -1  0
SecondOffset:      0  0 -1 -1  1  0 -1 -1
ThirdOffset:       1  0 -1  1  0  2  1  1
FirstOffsetClip:  -1  0  1  0  1 -1 -1  0
SecondOffsetClip:  0  0 -1 -1  1  0 -1 -1
ThirdOffsetClip:   1  0 -1  1  0  1  1  1

Block 395:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:13 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:0 S11:13 S02:24 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:39 S01:36 S11:39 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:29 S01:12 S11:18 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:8 S01:12 S11:18 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:8 S01:12 S11:31 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:44 S01:0 S11:52 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  3  3  1  2  1  2  2
Diff_de:           0  1 -1  0  1  0  1  1
Diff_c:            0  1  0  0  0  1  0  0
Diff_f:            0  0 -1  1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  2  0  0  0
# Filtered pixels: 4  3  3  2  4  3  3  4
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  1  0  0  0  1  0  0  1
FirstOffset:       0  0 -1 -1  1  0  0  0
SecondOffset:      0  0 -1  0  0  0  0  0
ThirdOffset:       0  1  0  1  0 -1  1  0
FirstOffsetClip:   0  0 -1 -1  1  0  0  0
SecondOffsetClip:  0  0 -1  0  0  0  0  0
ThirdOffsetClip:   0  1  0  1  0 -1  1  0

Block 396:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:44 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:18 S01:60 S11:50 S02:24 S12:36 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:45 S01:36 S11:29 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:12 S11:18 S02:12 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:47 S01:12 S11:44 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:8 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:16 S01:48 S11:45 S02:36 S12:24 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  2  0  2  0  0
Diff_de:           0  0 -1 -1  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  4  0  3  0  2
# Filtered pixels: 4  2  3  4  2  3  3  2
# Filtered P pix:  1  0  0  1  0  1  1  0
# Filtered Q pix:  1  0  1  1  0  0  0  0
FirstOffset:       1  0 -2 -1  0 -1  0 -1
SecondOffset:      1  1  0 -1  1 -1  0  1
ThirdOffset:      -1 -1  1  1  1  0 -1  0
FirstOffsetClip:   1  0 -1 -1  0 -1  0 -1
SecondOffsetClip:  1  1  0 -1  1 -1  0  1
ThirdOffsetClip:  -1 -1  1  1  1  0 -1  0

Block 397:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:24 S01:36 S11:37 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:12 S11:18 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:42 S01:12 S11:21 S02:12 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:21 S01:0 S11:26 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:47 S01:12 S11:21 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:39 S01:0 S11:26 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:12 S11:8 S02:24 S12:36 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:42 S01:48 S11:52 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  0  2  2
Diff_de:           0  0 -1  0 -1  0 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  3  4  2  2
# Filtered pixels: 2  4  4  3  3  4  3  3
# Filtered P pix:  0  1  1  1  1  1  1  0
# Filtered Q pix:  0  1  1  0  0  1  0  1
FirstOffset:       1  0 -1 -1 -1 -1 -1  1
SecondOffset:      1  0  0 -1 -1 -1  0 -1
ThirdOffset:       0  0  0  0  0  1  1  0
FirstOffsetClip:   1  0 -1 -1 -1 -1 -1  1
SecondOffsetClip:  1  0  0 -1 -1 -1  0 -1
ThirdOffsetClip:   0  0  0  0  0  1  1  0

Block 398:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:58 S01:24 S11:49 S02:48 S12:42 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:60 S11:53 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:42 S01:36 S11:34 S02:60 S12:40 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:44 S01:12 S11:13 S02:0 S12:39 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:31 S01:0 S11:39 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:24 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:8 S01:0 S11:26 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:60 S11:60 S02:24 S12:42 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  2  4  0  1  4  0  3
Diff_de:           2  1 -1  0  0  1  0  1
Diff_c:           -1  0  1  0  0  1  0  0
Diff_f:            1  0 -1  0  1 -1  0 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  0  0  4  0  3
# Filtered pixels: 3  3  2  4  4  4  4  3
# Filtered P pix:  1  0  0  1  1  1  1  0
# Filtered Q pix:  0  1  0  1  1  1  1  1
FirstOffset:       2  1 -1  0  0  1  0  1
SecondOffset:      1 -1  0  0  0  1  0 -1
ThirdOffset:       0 -1 -1  0  0 -1  0 -1
FirstOffsetClip:   2  1 -1  0  0  1  0  1
SecondOffsetClip:  1 -1  0  0  0  1  0 -1
ThirdOffsetClip:   0 -1 -1  0  0 -1  0 -1

Block 399:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:57 S01:12 S11:57 S02:12 S12:73 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:39 S01:36 S11:24 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:47 S01:60 S11:45 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:29 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:32 S01:12 S11:60 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:36 S11:39 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:16 S01:36 S11:34 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:24 S11:21 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  3  2  0  2  3
Diff_de:           1  1  1 -1 -1  0  1  1
Diff_c:            0  0  0  0  0  0  0  1
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  3  2  3  0  2  2
# Filtered pixels: 4  2  3  3  3  2  2  3
# Filtered P pix:  1  0  0  1  1  0  0  0
# Filtered Q pix:  1  0  1  0  0  0  0  1
FirstOffset:       1  1  1 -1 -2  0  1  1
SecondOffset:      1  1 -1  0 -1 -1  0  1
ThirdOffset:      -1  0 -1  0  0  1  1  0
FirstOffsetClip:   1  1  1 -1 -1  0  1  1
SecondOffsetClip:  1  1 -1  0 -1 -1  0  1
ThirdOffsetClip:  -1  0 -1  0  0  1  1  0

Block 400:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:24 S01:60 S11:60 S02:24 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:53 S01:60 S11:65 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:0 S11:0 S02:48 S12:57 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:48 S11:47 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:0 S11:52 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:62 S01:24 S11:31 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:12 S11:13 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:0 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  0  1  0  1  4  3
Diff_de:          -1 -2  0  0  0  0 -1  1
Diff_c:            0  0  0  0  0  1 -1  0
Diff_f:           -1  0  0 -1  0  0  1 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  3  0  1  3  4
# Filtered pixels: 3  3  3  3  3  4  3  4
# Filtered P pix:  0  0  1  0  1  1  1  1
# Filtered Q pix:  1  1  0  1  0  1  0  1
FirstOffset:      -1 -2  0  1  0  0 -1  1
SecondOffset:      1  0  0  2  0  1 -1  1
ThirdOffset:       0  1  1 -1  1  0  1 -1
FirstOffsetClip:  -1 -2  0  1  0  0 -1  1
```

```
SecondOffsetClip:  1  0  0  1  0  1 -1  1
ThirdOffsetClip:   0  1  1 -1  1  0  1 -1

Block 401:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:24 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:36 S11:50 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:12 S11:34 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:0 S11:39 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:12 S11:44 S02:24 S12:36 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:60 S11:40 S02:60 S12:50 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:37 S01:12 S11:18 S02:36 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:12 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  3  3  1  1  3  3
Diff_de:           1  0  1  1  0  0  1 -1
Diff_c:            1  1  0  0  0 -1  0  0
Diff_f:            0  0 -1  1  1  0  1 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  1  0  2  2
# Filtered pixels: 3  3  4  4  4  2  3  4
# Filtered P pix:  0  0  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  0  0  1
FirstOffset:       1  0  1  1  0  0  1 -1
SecondOffset:      1  1  0  1  0 -1  0  0
ThirdOffset:       0  0 -1  0  1  1  0  0
FirstOffsetClip:   1  0  1  1  0  0  1 -1
SecondOffsetClip:  1  1  0  1  0 -1  0  0
ThirdOffsetClip:   0  0 -1  0  1  1  0  0

Block 402:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:26 S02:48 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:12 S11:44 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:31 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:49 S01:36 S11:39 S02:24 S12:21 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:52 S01:0 S11:52 S02:0 S12:39 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
```

```
Row:6 S0:68 S01:12 S11:18 S02:48 S12:52 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:0 S01:12 S11:18 S02:24 S12:16 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:52 S01:12 S11:44 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  4  2  0  2
# Filtered pixels: 2  2  2  2  4  2  2  2
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       1  0 -1  0 -1 -2  0  1
SecondOffset:      1  0  0  1 -1 -1  0  0
ThirdOffset:       1 -1  1  1  1  0  1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 403:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:18 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:13 S01:24 S11:21 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:47 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:48 S11:52 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:12 S11:31 S02:24 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:26 S01:24 S11:26 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:0 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:0 S11:26 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  0  0  3  3
# Filtered pixels: 3  2  3  2  3  3  4  3
# Filtered P pix:  1  0  1  0  1  0  1  1
```

```
# Filtered Q pix:  0  0  0  0  0  1  1  0
FirstOffset:       0  0  1  0  0  0 -1  1
SecondOffset:      0 -1  0  1  0 -1 -1  1
ThirdOffset:      -1  1  0  1 -1  0  0 -1
FirstOffsetClip:   0  0  1  0  0  0 -1  1
SecondOffsetClip:  0 -1  0  1  0 -1 -1  1
ThirdOffsetClip:  -1  1  0  1 -1  0  0 -1

Block 404:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:24 S01:36 S11:63 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:0 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:12 S11:47 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:36 S11:37 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:12 S11:60 S02:36 S12:63 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:47 S01:12 S11:44 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:26 S01:48 S11:42 S02:60 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:18 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  1  3  3  2  2  2
Diff_de:          -1  0  0 -1 -1 -1 -1  0
Diff_c:           -1  0  0  0  0  0  0 -1
Diff_f:            1  0 -1 -1  1  0  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  2  0  3  0  0
# Filtered pixels: 3  4  4  2  3  4  2  3
# Filtered P pix:  0  1  1  0  1  1  0  0
# Filtered Q pix:  1  1  1  0  0  1  0  1
FirstOffset:      -1  0  0 -2  0 -1  0  0
SecondOffset:     -1  0  0  0  0  0  1 -1
ThirdOffset:       1  0  0  0  1  1 -1  0
FirstOffsetClip:  -1  0  0 -2  0 -1  0  0
SecondOffsetClip: -1  0  0  0  0  0  1 -1
ThirdOffsetClip:   1  0  0  0  1  1 -1  0

Block 405:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:24 S01:36 S11:39 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:24 S11:42 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:34 S01:36 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:24 S01:48 S11:42 S02:48 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:12 S11:18 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:49 S01:12 S11:44 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:13 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:65 S01:48 S11:32 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  4  2  2  0  1  3
Diff_de:          -1 -1  1 -1  0  0  0 -1
Diff_c:            1  1  1  0  1  0  0  1
Diff_f:            0  0  1  0  1  0 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  0  0  1  3
# Filtered pixels: 3  4  2  2  3  4  4  3
# Filtered P pix:  0  1  0  0  1  1  1  0
# Filtered Q pix:  1  1  0  0  0  1  1  1
FirstOffset:      -1 -1  1 -1  0  0  0 -1
SecondOffset:      0  0  1  1  0  0  0  1
ThirdOffset:       1  1  0 -1  1  0 -1  1
FirstOffsetClip:  -1 -1  1 -1  0  0  0 -1
SecondOffsetClip:  0  0  1  1  0  0  0  1
ThirdOffsetClip:   1  1  0 -1  1  0 -1  1

Block 406:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:47 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:24 S11:16 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:48 S11:37 S02:24 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:0 S11:0 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:24 S11:16 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:0 S11:0 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:0 S11:52 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  0  3  3  1  2  0  2
Diff_de:          -1  0  1 -1  0  0  0  0
Diff_c:            0  0  0  1  0  1  0 -1
Diff_f:           -1  0 -1  0  1  1  0  1
```

```
'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  4  2  0  2  0  0
# Filtered pixels: 4  4  4  3  4  4  4  4
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1  0  1 -1  0  0  0  0
SecondOffset:     -1  1  1  1  0  1  0  0
ThirdOffset:       0  1 -1  0  0  1  0  0
FirstOffsetClip:  -1  0  1 -1  0  0  0  0
SecondOffsetClip: -1  1  1  1  0  1  0  0
ThirdOffsetClip:   0  1 -1  0  0  1  0  0

Block 407:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:47 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:24 S11:21 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:37 S01:36 S11:34 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:65 S01:48 S11:37 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:12 S11:18 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:24 S11:16 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:24 S11:21 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:24 S11:68 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  3  4  0  2  4  4
Diff_de:           1  0  1  1  0  0  1 -1
Diff_c:            0 -1 -1 -1  0 -1  1 -1
Diff_f:            1  0  0 -1  0 -1  1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  3  2  2  3  1
# Filtered pixels: 4  4  4  3  4  4  4  4
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  1  1  1  1  0  1  0
SecondOffset:      1  0  0 -1  0 -1  1 -1
ThirdOffset:       0 -1  0 -1  0 -1  0  0
FirstOffsetClip:   1  1  1  1  1  0  1  0
SecondOffsetClip:  1  0  0 -1  0 -1  1 -1
ThirdOffsetClip:   0 -1  0 -1  0 -1  0  0

Block 408:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
```

```
Row:1 S0:65 S01:36 S11:39 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:29 S01:12 S11:18 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:44 S01:48 S11:37 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:12 S11:60 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:24 S11:16 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:8 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:72 S11:78 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:24 S11:31 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  2  2  0  1  1  1  4
Diff_de:           0  1 -1  0  0  0  0 -1
Diff_c:            0  0  0  0  1  0  0 -1
Diff_f:            0  0  0  0  0  1 -1  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  0  0  0  3
# Filtered pixels: 2  4  2  4  2  4  2  3
# Filtered P pix:  0  1  0  1  0  1  0  0
# Filtered Q pix:  0  1  0  1  0  1  0  1
FirstOffset:       1  1  0  0  0  0  0 -1
SecondOffset:      1  0  1  0  1  0 -2 -1
ThirdOffset:       0  0  1  0 -1  0 -1  1
FirstOffsetClip:   1  1  0  0  0  0  0 -1
SecondOffsetClip:  1  0  1  0  1  0 -1 -1
ThirdOffsetClip:   0  0  1  0 -1  0 -1  1

Block 409:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:36 S01:12 S11:8 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:57 S01:12 S11:70 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:39 S01:12 S11:18 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:0 S01:0 S11:39 S02:24 S12:16 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:36 S01:12 S11:8 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:57 S01:24 S11:49 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:24 S11:16 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:36 S11:44 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  0  0  0
Diff_de:           0  1  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  4  0  0  2  3  2
# Filtered pixels: 4  4  4  3  3  2  3  3
# Filtered P pix:  1  1  1  1  1  0  0  0
# Filtered Q pix:  1  1  1  0  0  0  1  1
FirstOffset:       0  1  1  0  0 -1 -1 -1
SecondOffset:      0  0  1  0  0 -1  0  0
ThirdOffset:       0 -1 -1  1 -1 -1  1  0
FirstOffsetClip:   0  1  1  0  0 -1 -1 -1
SecondOffsetClip:  0  0  1  0  0 -1  0  0
ThirdOffsetClip:   0 -1 -1  1 -1 -1  1  0

Block 410:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:50 S01:48 S11:52 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:36 S01:60 S11:45 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:57 S01:48 S11:42 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:12 S11:31 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:12 S11:18 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:34 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:48 S11:57 S02:60 S12:40 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  2  1  1  4  1  1  4
Diff_de:           1  0  0  0  1  0  0 -1
Diff_c:           -1  1  1 -1  1  0  0  1
Diff_f:            1  1  0  0  1 -1 -1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  0  3  1  1  2
# Filtered pixels: 3  3  3  4  4  4  4  2
# Filtered P pix:  0  0  0  1  1  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:       2  0  1  0  1  0  0 -1
SecondOffset:      0  1  2  0  1  0  0  1
ThirdOffset:      -1  1 -1  0  0 -1 -1 -1
FirstOffsetClip:   2  0  1  0  1  0  0 -1
```

```
SecondOffsetClip:  0  1  1  0  1  0  0  1
ThirdOffsetClip:  -1  1 -1  0  0 -1 -1 -1

Block 411:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:48 S11:37 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:72 S11:58 S02:0 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:57 S01:24 S11:21 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:18 S01:0 S11:0 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:49 S01:24 S11:36 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:32 S01:12 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:60 S11:60 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  4  1  2  1  1  2  1
Diff_de:          -1  1  0  0  0  0  1  0
Diff_c:            0  1  0  1  0 -1  0  0
Diff_f:            1 -1  1  1  1  0  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  3  1  1  4  0
# Filtered pixels: 4  3  3  4  4  4  4  3
# Filtered P pix:  1  0  0  1  1  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1  1  0 -1  0  0  2  0
SecondOffset:      0  2 -2  0  0 -1  1  1
ThirdOffset:       1 -1  0  1  1  0 -1  0
FirstOffsetClip:  -1  1  0 -1  0  0  2  0
SecondOffsetClip:  0  1 -1  0  0 -1  1  1
ThirdOffsetClip:   1 -1  0  1  1  0 -1  0

Block 412:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:31 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:24 S11:31 S02:60 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:36 S11:24 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:24 S11:16 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:24 S11:26 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:42 S01:24 S11:42 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:36 S11:44 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  2  4  3  1  2
Diff_de:          -1  0  0  0 -1 -1  0  0
Diff_c:            0 -1 -1  1  1  0  0  1
Diff_f:            0 -1 -1 -1 -1 -1  1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  2  2  2  2  1  1
# Filtered pixels: 4  3  4  4  3  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  0  1  1  0  1  1  0
FirstOffset:      -1  0  0 -1 -1 -1  0  0
SecondOffset:      0 -1 -1  0  0  0  0  1
ThirdOffset:       0 -1 -1  0 -1  0  1  1
FirstOffsetClip:  -1  0  0 -1 -1 -1  0  0
SecondOffsetClip:  0 -1 -1  0  0  0  0  1
ThirdOffsetClip:   0 -1 -1  0 -1  0  1  1

Block 413:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:21 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:60 S01:12 S11:13 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:36 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:12 S11:34 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:48 S11:47 S02:72 S12:73 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:39 S01:0 S11:26 S02:24 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:8 S01:24 S11:55 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:13 S01:48 S11:57 S02:0 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  2  3  2  3  3  1
Diff_de:           1  1  0 -1 -1  1  1  0
Diff_c:            0  0 -1  0  0  0 -1  0
Diff_f:           -1  0 -1  1  0 -1  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  0  2  4  1  0
# Filtered pixels: 4  3  2  4  2  4  4  3
# Filtered P pix:  1  1  0  1  0  1  1  0
```

```
# Filtered Q pix:  1  0  0  1  0  1  1  1
FirstOffset:       1  1  0  0 -1  1  0  0
SecondOffset:      0  1 -1  0  1  1 -1 -1
ThirdOffset:      -1  1 -1  0 -1 -1  0  0
FirstOffsetClip:   1  1  0  0 -1  1  0  0
SecondOffsetClip:  0  1 -1  0  1  1 -1 -1
ThirdOffsetClip:  -1  1 -1  0 -1 -1  0  0

Block 414:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:49 S02:0 S12:52 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:16 S01:0 S11:39 S02:12 S12:18 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:55 S01:0 S11:39 S02:24 S12:21 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:18 S01:36 S11:34 S02:12 S12:13 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:24 S11:31 S02:12 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:44 S01:60 S11:45 S02:12 S12:13 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:37 S01:0 S11:39 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:8 S02:48 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  0  2  0  3  2
# Filtered pixels: 3  3  3  2  2  2  3  2
# Filtered P pix:  0  1  1  0  0  0  1  0
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:      -1  1  1  0  1  0  1  1
SecondOffset:     -1  1  1 -1  1  1  1  1
ThirdOffset:       1  0  0  0 -1  0  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 415:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:44 S02:24 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:60 S01:12 S11:57 S02:36 S12:34 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:8 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:49 S01:48 S11:57 S02:24 S12:21 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:37 S01:24 S11:29 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:13 S01:12 S11:60 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:18 S01:24 S11:29 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:29 S01:0 S11:0 S02:0 S12:26 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  2  0  0  4
# Filtered pixels: 2  2  2  2  2  3  2  4
# Filtered P pix:  0  0  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       0 -1  0  0 -1  0  0  1
SecondOffset:      1  0  1  1  0  0 -1  1
ThirdOffset:      -1  1  0  1  1  0  1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 416:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:37 S01:12 S11:47 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:48 S11:37 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:52 S01:0 S11:52 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:4 S0:18 S01:36 S11:34 S02:60 S12:60 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:8 S01:24 S11:26 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:48 S11:32 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:63 S01:0 S11:26 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:45 S01:36 S11:44 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  0  3  0  2  2
Diff_de:           1 -1  1  0  1  0  2  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0 -1  0  0  0
```

```
'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  0  0  2  4  2
# Filtered pixels: 3  2  4  2  3  2  4  2
# Filtered P pix:  1  0  1  0  0  0  1  0
# Filtered Q pix:  0  0  1  0  1  0  1  0
FirstOffset:       1 -1  1  0  0 -1  2  2
SecondOffset:      1  1  1 -1 -1 -2  1  0
ThirdOffset:       1  0  0  1  0  0 -1  0
FirstOffsetClip:   1 -1  1  0  0 -1  1  1
SecondOffsetClip:  1  1  1 -1 -1 -1  1  0
ThirdOffsetClip:   1  0  0  1  0  0 -1  0

Block 417:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:21 S01:60 S11:45 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:24 S11:29 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:49 S01:24 S11:36 S02:24 S12:21 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:21 S01:0 S11:0 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:47 S01:12 S11:60 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:34 S01:24 S11:21 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:36 S11:29 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:0 S11:0 S02:60 S12:60 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  2  0  0  0  0
Diff_de:           1  0  0  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  4  2  2  0  0
# Filtered pixels: 2  2  2  4  2  2  2  3
# Filtered P pix:  0  0  0  1  0  0  0  1
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       1  0  0  1  1 -1  0  0
SecondOffset:     -1  1  1  1  0 -1  1  0
ThirdOffset:      -1 -1  1 -1  0  1 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 418:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:63 S01:36 S11:24 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:62 S01:60 S11:65 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:26 S01:0 S11:26 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:65 S01:12 S11:31 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:39 S01:12 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:24 S11:21 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:0 S11:13 S02:0 S12:0 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:45 S01:36 S11:37 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  2  2  2  0
Diff_de:           0 -1  0 -1 -1  1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  3  3  3  4  2
# Filtered pixels: 2  3  3  4  4  3  4  2
# Filtered P pix:  0  0  1  1  1  0  1  0
# Filtered Q pix:  0  1  0  1  1  1  1  0
FirstOffset:      -2  0  0 -1 -1  1 -1 -2
SecondOffset:      0  1  0  0  0  1 -1  0
ThirdOffset:       0  0  1  1  1 -1  1  0
FirstOffsetClip:  -1  0  0 -1 -1  1 -1 -1
SecondOffsetClip:  0  1  0  0  0  1 -1  0
ThirdOffsetClip:   0  0  1  1  1 -1  1  0

Block 419:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:37 S01:48 S11:37 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:39 S01:12 S11:18 S02:48 S12:57 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:29 S01:12 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:44 S01:24 S11:29 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:12 S11:47 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:18 S01:12 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:7 S0:44 S01:48 S11:42 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:39 S01:12 S11:18 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  2  0  0  0  2
Diff_de:           1  0  1  1  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  0  0  0  0  2
# Filtered pixels: 3  3  4  3  3  4  2  4
# Filtered P pix:  0  1  1  0  1  1  0  1
# Filtered Q pix:  1  0  1  1  0  1  0  1
FirstOffset:       1 -1  1  0  0  0  0  1
SecondOffset:     -1  0  1  1  0  0  1  0
ThirdOffset:      -1 -1  0  0 -1  0  1  0
FirstOffsetClip:   1 -1  1  0  0  0  0  1
SecondOffsetClip: -1  0  1  1  0  0  1  0
ThirdOffsetClip:  -1 -1  0  0 -1  0  1  0

Block 420:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:42 S01:24 S11:31 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:55 S01:48 S11:52 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:36 S01:48 S11:32 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:44 S01:0 S11:13 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:36 S01:0 S11:78 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:31 S01:36 S11:37 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:34 S01:12 S11:21 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:37 S01:12 S11:57 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  0  2  2
Diff_de:          -1 -1  0  0  0  0  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  0  0  0  4  3
# Filtered pixels: 3  3  2  3  3  3  4  4
# Filtered P pix:  0  0  0  1  1  0  1  1
# Filtered Q pix:  1  1  0  0  0  1  1  1
FirstOffset:      -1 -1  0  0  0  0  1  1
SecondOffset:     -1  1  1  0  0 -1  1  0
ThirdOffset:       1  1  1 -1 -1  0 -1 -1
FirstOffsetClip:  -1 -1  0  0  0  0  1  1
```

```
SecondOffsetClip: -1  1  1  0  0 -1  1  0
ThirdOffsetClip:   1  1  1 -1 -1  0 -1 -1

Block 421:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:24 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:0 S11:26 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:60 S01:24 S11:42 S02:24 S12:62 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:12 S11:57 S02:24 S12:36 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:12 S11:57 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:36 S01:24 S11:31 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:24 S11:31 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  4  3  4  3  0  2  3
Diff_de:           1 -1  1 -1 -1  0  0 -1
Diff_c:            1 -1  1 -1  0  0 -1  1
Diff_f:           -1 -1  0 -1 -1  0 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  3  3  2  0  2  2
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1 -1  1 -1 -1  0  0 -1
SecondOffset:      1 -1  1 -1  0  0 -1  0
ThirdOffset:      -1  0  0  0  0  0 -1  0
FirstOffsetClip:   1 -1  1 -1 -1  0  0 -1
SecondOffsetClip:  1 -1  1 -1  0  0 -1  0
ThirdOffsetClip:  -1  0  0  0  0  0 -1  0

Block 422:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:0 S11:13 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:42 S01:48 S11:45 S02:72 S12:58 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:31 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:31 S01:24 S11:31 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:18 S01:24 S11:55 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:37 S01:0 S11:26 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:0 S11:26 S02:48 S12:52 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  0  0  3  3
# Filtered pixels: 3  3  2  3  2  2  4  3
# Filtered P pix:  0  1  0  1  0  0  1  1
# Filtered Q pix:  1  0  0  0  0  0  1  0
FirstOffset:       0  0  1  0  0  0  1 -1
SecondOffset:      1  0 -1  0 -1  1  1 -1
ThirdOffset:       0 -1  1 -1 -1 -1  0 -1
FirstOffsetClip:   0  0  1  0  0  0  1 -1
SecondOffsetClip:  1  0 -1  0 -1  1  1 -1
ThirdOffsetClip:   0 -1  1 -1 -1 -1  0 -1

Block 423:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:26 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:48 S11:45 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:12 S11:18 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:18 S01:36 S11:24 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:50 S01:0 S11:26 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:42 S01:24 S11:29 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:26 S01:12 S11:18 S02:36 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:31 S01:12 S11:47 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  0  2  2
Diff_de:           0  0 -1  0 -1  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  3  2  0  0
# Filtered pixels: 2  2  3  3  3  2  3  3
# Filtered P pix:  0  0  1  0  1  0  1  1
```

```
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0 -1 -1  0 -2  1  0  0
SecondOffset:     -1  1  0  1 -1  0  0  0
ThirdOffset:       1  0 -1  0  2  0 -1 -1
FirstOffsetClip:   0 -1 -1  0 -1  1  0  0
SecondOffsetClip: -1  1  0  1 -1  0  0  0
ThirdOffsetClip:   1  0 -1  0  1  0 -1 -1

Block 424:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:36 S01:24 S11:31 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:48 S11:57 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:48 S11:47 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:73 S01:12 S11:18 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:39 S01:48 S11:47 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:55 S01:36 S11:24 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  4  2  4  1  2  3
Diff_de:           0  0  1  1  1  0 -1 -1
Diff_c:           -1 -1  1  0  1  1  0 -1
Diff_f:            0 -1 -1  0 -1  0  0  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  1  3  3  1  3  2
# Filtered pixels: 4  3  3  4  3  4  4  3
# Filtered P pix:  1  0  0  1  0  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  0  1  1  0 -1 -1
SecondOffset:     -1 -1  1  0  2  1 -1 -1
ThirdOffset:       0 -1 -1 -1 -1  0  0  0
FirstOffsetClip:   0  0  0  1  1  0 -1 -1
SecondOffsetClip: -1 -1  1  0  1  1 -1 -1
ThirdOffsetClip:   0 -1 -1 -1 -1  0  0  0

Block 425:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:21 S02:48 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:0 S11:39 S02:36 S12:24 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:24 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:24 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:24 S11:42 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:60 S01:24 S11:49 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:36 S11:34 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:32 S01:12 S11:60 S02:48 S12:37 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  2  3  3  3  3  3
Diff_de:           0 -1  0  1 -2  1 -1 -2
Diff_c:           -1  0 -1  0  1  1 -1  0
Diff_f:            0 -1 -1 -1  0  0  0 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  2  3  4  4  3  3
# Filtered pixels: 3  3  4  4  4  4  3  3
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  0  1  1  1  1  1  0
FirstOffset:       0 -1  0  1 -2  1 -1 -2
SecondOffset:     -1 -1 -1  0 -1  1 -1 -1
ThirdOffset:       1  0 -1 -1  1 -1  1  0
FirstOffsetClip:   0 -1  0  1 -2  1 -1 -2
SecondOffsetClip: -1 -1 -1  0 -1  1 -1 -1
ThirdOffsetClip:   1  0 -1 -1  1 -1  1  0

Block 426:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:26 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:21 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:54 S01:36 S11:39 S02:60 S12:70 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:55 S01:36 S11:24 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:18 S01:24 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:0 S11:52 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:12 S11:8 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  4  1  3  2  3  1
Diff_de:          -1  0 -1  0 -1  0  1  0
Diff_c:           -1  0 -1 -1  1 -1  0  0
Diff_f:           -1  1  1  0  0 -1 -1 -1
```

```
'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  4  1  2  2  4  3
# Filtered pixels: 3  3  4  3  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  0  1  0  1  1  1  0
FirstOffset:      -1  0 -1  0 -1  0  1 -1
SecondOffset:     -1  0 -1 -1  0 -1  1 -1
ThirdOffset:      -1  1  1 -1  0 -1 -1 -1
FirstOffsetClip:  -1  0 -1  0 -1  0  1 -1
SecondOffsetClip: -1  0 -1 -1  0 -1  1 -1
ThirdOffsetClip:  -1  1  1 -1  0 -1 -1 -1

Block 427:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:36 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:24 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:12 S11:44 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:0 S11:0 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:60 S11:53 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:48 S11:32 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:37 S01:24 S11:16 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  3  1  1  2  2  3
Diff_de:           0  1 -1  0  0  0  0  1
Diff_c:           -1 -1 -1 -1  0  1 -1  0
Diff_f:            0 -1  0  0  1 -1 -1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  3  0  3  3  1  3
# Filtered pixels: 4  4  4  4  3  3  3  4
# Filtered P pix:  1  1  1  1  1  0  0  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:       0  1 -1  0  1 -1  0  1
SecondOffset:     -1  0 -1  0  1  1 -1  0
ThirdOffset:       0 -1  0  0  1  1 -1 -1
FirstOffsetClip:   0  1 -1  0  1 -1  0  1
SecondOffsetClip: -1  0 -1  0  1  1 -1  0
ThirdOffsetClip:   0 -1  0  0  1  1 -1 -1

Block 428:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
```

```
Row:1 S0:42 S01:36 S11:39 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:48 S11:32 S02:48 S12:58 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:24 S11:26 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:36 S11:44 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:24 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:48 S11:42 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:0 S11:26 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  2  3  2  2  4  2  3
Diff_de:           1  0 -1  0  0  1  0 -1
Diff_c:            1 -1  0  1  1 -1 -1  0
Diff_f:           -1  1  1 -1  1  1 -1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  4  2  0  2  3  3
# Filtered pixels: 3  2  4  3  2  3  3  3
# Filtered P pix:  0  0  1  1  0  1  0  1
# Filtered Q pix:  1  0  1  0  0  0  1  0
FirstOffset:       1  1 -1 -1  0  1  1 -1
SecondOffset:      1 -1 -1  0  1  0 -1 -1
ThirdOffset:      -1  1  1 -1  1  1 -1  0
FirstOffsetClip:   1  1 -1 -1  0  1  1 -1
SecondOffsetClip:  1 -1 -1  0  1  0 -1 -1
ThirdOffsetClip:  -1  1  1 -1  1  1 -1  0

Block 429:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:44 S02:36 S12:54 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:13 S01:0 S11:39 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:36 S11:50 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:12 S11:21 S02:12 S12:44 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:5 S0:37 S01:0 S11:13 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:60 S01:36 S11:44 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:16 S01:24 S11:26 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  2  2  0  0
Diff_de:          -1  0 -1  1  1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  4  4  2  0  2
# Filtered pixels: 2  4  3  4  4  2  4  2
# Filtered P pix:  0  1  0  1  1  0  1  0
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:      -1  0 -1  1  1 -1  0  1
SecondOffset:      0  0  0  1  1  0  0  0
ThirdOffset:       0  0  1 -1 -1  1  0  0
FirstOffsetClip:  -1  0 -1  1  1 -1  0  1
SecondOffsetClip:  0  0  0  1  1  0  0  0
ThirdOffsetClip:   0  0  1 -1 -1  1  0  0

Block 430:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:55 S01:24 S11:36 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:44 S01:12 S11:57 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:36 S11:44 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:21 S01:24 S11:42 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:8 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:7 S0:37 S01:12 S11:21 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:24 S11:26 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  2  0  2  0
Diff_de:           0  1  0 -1 -1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  3  0  3  2
# Filtered pixels: 2  3  2  3  3  2  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  1  1  0  1  0
FirstOffset:       1  1  0  0 -1  0 -1 -1
SecondOffset:      1  0  0  1  0  0  0 -1
ThirdOffset:       0 -1 -1  0  1  0  1  1
FirstOffsetClip:   1  1  0  0 -1  0 -1 -1
```

```
SecondOffsetClip:  1  0  0  1  0  0  0 -1
ThirdOffsetClip:   0 -1 -1  0  1  0  1  1

Block 431:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:42 S01:48 S11:37 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:0 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:60 S01:36 S11:39 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:24 S11:29 S02:60 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:12 S11:34 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:0 S11:65 S02:12 S12:47 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:49 S01:48 S11:57 S02:60 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:36 S11:24 S02:60 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  4  4  2  4  0  2  4
Diff_de:           1  1 -1  0 -1  0  0  1
Diff_c:           -1  1  1  1 -1  0 -1  1
Diff_f:            0 -1  1  1  1  0 -1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  2  3  3  0  0  3
# Filtered pixels: 3  4  3  3  3  4  2  3
# Filtered P pix:  0  1  1  1  1  1  0  1
# Filtered Q pix:  1  1  0  0  0  1  0  0
FirstOffset:       1  1 -1  1 -1  0  0  1
SecondOffset:     -1  1  0  1 -1  0 -1  1
ThirdOffset:       0 -1  2  1  2  0 -1  1
FirstOffsetClip:   1  1 -1  1 -1  0  0  1
SecondOffsetClip: -1  1  0  1 -1  0 -1  1
ThirdOffsetClip:   0 -1  2  1  2  0 -1  1

Block 432:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:55 S01:48 S11:32 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:39 S01:72 S11:68 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:60 S11:45 S02:48 S12:52 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:12 S11:18 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:31 S01:48 S11:32 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:36 S11:50 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:24 S01:36 S11:29 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  4  3  4  3  4  3
Diff_de:          -1 -1  1 -1 -1  1 -1  1
Diff_c:            1  0  1 -1 -1  1 -1 -1
Diff_f:            0  0  1  0  1  0 -1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  4  4  0  3  2
# Filtered pixels: 3  3  2  4  4  3  4  4
# Filtered P pix:  0  0  0  1  1  0  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:      -1 -1  1 -1 -1  0 -1  1
SecondOffset:      1  1  2 -1 -1  1 -1  0
ThirdOffset:       1  1  1  1  1  0  0  0
FirstOffsetClip:  -1 -1  1 -1 -1  0 -1  1
SecondOffsetClip:  1  1  1 -1 -1  1 -1  0
ThirdOffsetClip:   1  1  1  1  1  0  0  0

Block 433:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:44 S01:36 S11:29 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:36 S11:44 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:48 S11:37 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:36 S11:29 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:0 S11:0 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:13 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:53 S01:24 S11:31 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  2  1  1  1  3
Diff_de:           0 -1  0  1  0  0  0  2
Diff_c:            0  0  0  0  0  0  0 -1
Diff_f:            0  0  0  0  1  1 -1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  0  0  0  2
# Filtered pixels: 2  3  3  2  3  3  3  2
# Filtered P pix:  0  0  0  0  1  1  1  0
```

```
# Filtered Q pix:  0  1  1  0  0  0  0  0
FirstOffset:       0 -1  0  1  0  0  0  2
SecondOffset:      1  0  1  0  0  0  0  1
ThirdOffset:       1  0  0 -1  1  1 -1  0
FirstOffsetClip:   0 -1  0  1  0  0  0  1
SecondOffsetClip:  1  0  1  0  0  0  0  1
ThirdOffsetClip:   1  0  0 -1  1  1 -1  0

Block 434:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:45 S01:48 S11:42 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:13 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:12 S11:18 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:37 S01:24 S11:21 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:50 S01:72 S11:73 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:49 S01:48 S11:37 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:39 S01:36 S11:34 S02:60 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:60 S11:55 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  1  2  3  2  0  2  0
Diff_de:          -2  0  1  1 -1  0  1  0
Diff_c:            0 -1  0 -1  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  2  2  0  2  0
# Filtered pixels: 3  3  4  3  2  3  2  2
# Filtered P pix:  0  1  1  0  0  0  0  0
# Filtered Q pix:  1  0  1  1  0  1  0  0
FirstOffset:      -2  0  1  1 -2  0  1  0
SecondOffset:      0  0  0  0  1 -1  1 -1
ThirdOffset:       1  1  0  0  0  0  1 -1
FirstOffsetClip:  -1  0  1  1 -1  0  1  0
SecondOffsetClip:  0  0  0  0  1 -1  1 -1
ThirdOffsetClip:   1  1  0  0  0  0  1 -1

Block 435:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:65 S01:24 S11:16 S02:60 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:39 S01:12 S11:8 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:70 S01:0 S11:13 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:47 S01:0 S11:13 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:12 S11:8 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:45 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:58 S01:24 S11:26 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  2  3  3  4  4  3
Diff_de:           1 -1  1 -1 -1  1 -2  2
Diff_c:            1  0  0  0  0  1  1  0
Diff_f:            1  1  0 -1 -1 -1  1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  3  2  0  3  4
# Filtered pixels: 3  4  4  3  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  1  1  0  1  1  1  1
FirstOffset:       1 -1  1 -1 -1  0 -2  2
SecondOffset:      1  0  1 -1  0  0  0  1
ThirdOffset:       1  1  0 -1  0  0  1 -1
FirstOffsetClip:   1 -1  1 -1 -1  0 -2  2
SecondOffsetClip:  1  0  1 -1  0  0  0  1
ThirdOffsetClip:   1  1  0 -1  0  0  1 -1

Block 436:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:18 S02:24 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:55 S01:12 S11:47 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:42 S01:24 S11:42 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:36 S11:34 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:24 S11:42 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:44 S01:24 S11:36 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:50 S01:12 S11:44 S02:12 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:12 S11:13 S02:12 S12:60 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  2  0  2  2
Diff_de:          -1 -1 -1  0 -1  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  0  2  0  4  4
# Filtered pixels: 3  3  3  2  3  2  4  4
# Filtered P pix:  1  1  0  0  0  0  1  1
# Filtered Q pix:  0  0  1  0  1  0  1  1
FirstOffset:      -1 -1 -1  0 -1  0  2 -1
SecondOffset:      0  0 -1  1  0  1  1 -1
ThirdOffset:       0  0  1  1  0  1 -1  1
FirstOffsetClip:  -1 -1 -1  0 -1  0  1 -1
SecondOffsetClip:  0  0 -1  1  0  1  1 -1
ThirdOffsetClip:   0  0  1  1  0  1 -1  1

Block 437:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:60 S01:48 S11:42 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:48 S11:45 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:24 S11:31 S02:36 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:36 S11:44 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:32 S01:36 S11:29 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:60 S01:48 S11:47 S02:24 S12:42 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:0 S11:26 S02:36 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:36 S11:50 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  2  1  0  3  3  2  0
Diff_de:           1 -1  0  0 -2 -1 -1  0
Diff_c:            0  0 -1  0  1  0  0  0
Diff_f:           -1  0  0  0  0  1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  0  2  3  3  2
# Filtered pixels: 3  3  3  3  2  3  3  2
# Filtered P pix:  0  0  1  0  0  0  1  0
# Filtered Q pix:  1  1  0  1  0  1  0  0
FirstOffset:       1  0  0  0 -2 -1 -1  1
SecondOffset:     -1 -1 -1 -1  0  1 -1  1
ThirdOffset:      -1  0  1  0  0  1  1  1
FirstOffsetClip:   1  0  0  0 -1 -1 -1  1
SecondOffsetClip: -1 -1 -1 -1  0  1 -1  1
ThirdOffsetClip:  -1  0  1  0  0  1  1  1

Block 438:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
```

```
Row:1 S0:8 S01:0 S11:0 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:2 S0:29 S01:24 S11:21 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:40 S01:48 S11:37 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:47 S01:24 S11:29 S02:48 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:12 S11:8 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:52 S01:60 S11:50 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:18 S01:0 S11:26 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:18 S01:12 S11:21 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  0  0  2  0  0
Diff_de:           0  1  1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  0  3  0  0
# Filtered pixels: 4  3  3  2  4  3  3  4
# Filtered P pix:  1  0  0  0  1  0  1  1
# Filtered Q pix:  1  1  1  0  1  1  0  1
FirstOffset:       0  1  2  1  0 -1  0  0
SecondOffset:      0  0  0  1  0 -2  0  0
ThirdOffset:       0 -1 -1  1  0  1 -1  0
FirstOffsetClip:   0  1  1  1  0 -1  0  0
SecondOffsetClip:  0  0  0  1  0 -1  0  0
ThirdOffsetClip:   0 -1 -1  1  0  1 -1  0

Block 439:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:60 S01:36 S11:24 S02:36 S12:49 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:0 S11:52 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:0 S11:39 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:60 S11:55 S02:0 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:18 S01:12 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:36 S11:24 S02:48 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:24 S11:21 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  0  0  2  1  3  1
Diff_de:           0  1  0  0 -1  0  1  0
Diff_c:            0  1  0  0  0  0  1 -1
Diff_f:            1  0  0  0  0  1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  3  0  2  1
# Filtered pixels: 4  2  3  4  3  4  2  3
# Filtered P pix:  1  0  1  1  0  1  0  1
# Filtered Q pix:  1  0  0  1  1  1  0  0
FirstOffset:       0  1  0  1 -1  0  1  0
SecondOffset:      0  1  0  1  1  0  1 -1
ThirdOffset:       0  0  1  0  1  0  1 -1
FirstOffsetClip:   0  1  0  1 -1  0  1  0
SecondOffsetClip:  0  1  0  1  1  0  1 -1
ThirdOffsetClip:   0  0  1  0  1  0  1 -1

Block 440:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:29 S01:24 S11:26 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:37 S01:24 S11:16 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:0 S11:13 S02:24 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:36 S11:37 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:12 S11:18 S02:72 S12:73 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:13 S01:0 S11:65 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:8 S0:34 S01:24 S11:29 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  2  0  0
Diff_de:           0  0  0 -1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  3  2  2  0  3
# Filtered pixels: 3  2  2  3  2  3  4  3
# Filtered P pix:  0  0  0  1  0  1  1  0
# Filtered Q pix:  1  0  0  0  0  0  1  1
FirstOffset:       0 -1 -1 -1 -1  1  0  1
SecondOffset:     -1 -1  0 -1 -1  0  0  1
ThirdOffset:       0  0  0  0  1  1  0 -1
FirstOffsetClip:   0 -1 -1 -1 -1  1  0  1
```

```
SecondOffsetClip: -1 -1  0 -1 -1  0  0  1
ThirdOffsetClip:   0  0  0  0  1  1  0 -1

Block 441:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:39 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:47 S01:12 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:13 S01:36 S11:50 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:39 S01:36 S11:24 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:49 S01:12 S11:57 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:26 S01:0 S11:65 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:21 S01:24 S11:31 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:50 S01:12 S11:8 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  3  1  3  2  2  4  4
Diff_de:           0  1  0 -1  0  0 -1 -2
Diff_c:           -2  0  1 -1 -1 -1 -2 -1
Diff_f:            1  1  0  0 -2  1  1  1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  1  3  1  0  4  4
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  1  0 -1  0  0 -1 -2
SecondOffset:     -1  0  1 -1  0  0 -1 -1
ThirdOffset:       0  0  0  0 -1  0  1  2
FirstOffsetClip:   0  1  0 -1  0  0 -1 -2
SecondOffsetClip: -1  0  1 -1  0  0 -1 -1
ThirdOffsetClip:   0  0  0  0 -1  0  1  2

Block 442:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:16 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:18 S01:36 S11:50 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:48 S11:45 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:26 S01:36 S11:29 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:24 S11:21 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:21 S01:0 S11:52 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:48 S11:32 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:16 S01:36 S11:29 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  1  2  2  2
Diff_de:           0  0 -1  0  0  1 -1  1
Diff_c:            0  0  0  0 -1  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  0  3  2  2
# Filtered pixels: 2  3  3  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  1  1  0  0  0  0  0
FirstOffset:       0  0 -1  0  0  1 -1  1
SecondOffset:      1 -1  1  1 -1  1  1  0
ThirdOffset:       1  0  1 -1 -1  1  1  0
FirstOffsetClip:   0  0 -1  0  0  1 -1  1
SecondOffsetClip:  1 -1  1  1 -1  1  1  0
ThirdOffsetClip:   1  0  1 -1 -1  1  1  0

Block 443:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:16 S02:12 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:0 S11:13 S02:48 S12:57 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:24 S11:55 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:36 S11:24 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:0 S11:0 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:0 S01:24 S11:16 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:0 S01:36 S11:44 S02:12 S12:57 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:55 S01:12 S11:31 S02:24 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  3  2  1  3  3
Diff_de:          -1  0 -1  1  1  0  1 -1
Diff_c:            0 -1  1 -1  0 -1 -1  0
Diff_f:            0  0  0  0  0  0  0 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  2  3  1  0  3
# Filtered pixels: 4  3  4  2  4  3  3  4
# Filtered P pix:  1  1  1  0  1  1  0  1
```

```
# Filtered Q pix:  1  0  1  0  1  0  1  1
FirstOffset:      -1  0 -1  1  1  0  0 -1
SecondOffset:      0  0  0  0  1 -1 -1 -1
ThirdOffset:       1  1  0 -2  0  1  0  0
FirstOffsetClip:  -1  0 -1  1  1  0  0 -1
SecondOffsetClip:  0  0  0  0  1 -1 -1 -1
ThirdOffsetClip:   1  1  0 -1  0  1  0  0

Block 444:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:21 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:31 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:12 S11:21 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:24 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  0  2  2  3  1  1  4
Diff_de:           0  0  0 -1  1  0  0 -1
Diff_c:            1  0  1  0  0  0  0  1
Diff_f:            0  0  1  0  1  1 -1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  0  2  2  0  0  3
# Filtered pixels: 4  4  3  4  4  3  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  0  1
FirstOffset:       0  0  0 -1  1  0  0 -1
SecondOffset:      1  0  0  0  0  0  0  0
ThirdOffset:       0  0  1  0  0  1 -1  1
FirstOffsetClip:   0  0  0 -1  1  0  0 -1
SecondOffsetClip:  1  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  1  0  0  1 -1  1

Block 445:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:60 S01:72 S11:68 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:48 S11:57 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:58 S01:0 S11:39 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:0 S11:26 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:36 S11:29 S02:12 S12:57 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:12 S11:34 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:50 S01:60 S11:45 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:0 S11:39 S02:12 S12:47 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  3  1  3  1  3  0
Diff_de:           1  1 -1  0  1  0  2  0
Diff_c:            0  0  0  1 -1  0  0  0
Diff_f:            0  0 -1  0  0 -1  1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  0  0  1  2  4
# Filtered pixels: 3  3  3  4  3  4  2  4
# Filtered P pix:  0  0  1  1  0  1  0  1
# Filtered Q pix:  1  1  0  1  1  1  0  1
FirstOffset:       1  0 -2  0  0  0  2 -1
SecondOffset:     -1 -1 -1  0 -1  0  0 -1
ThirdOffset:      -1  0  0  0  0 -1  0  1
FirstOffsetClip:   1  0 -1  0  0  0  1 -1
SecondOffsetClip: -1 -1 -1  0 -1  0  0 -1
ThirdOffsetClip:  -1  0  0  0  0 -1  0  1

Block 446:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:29 S01:48 S11:42 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:65 S01:24 S11:21 S02:48 S12:57 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:48 S11:47 S02:24 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:50 S01:12 S11:8 S02:36 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:47 S01:48 S11:47 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:24 S01:24 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:48 S11:62 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:24 S01:36 S11:37 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  1  3  2  3  1  2
Diff_de:           1  1  0  1 -1  1  0  1
Diff_c:           -1  1  0  0  0  1  0  0
Diff_f:           -1  0 -1  1  0  0 -1  0
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  3  3  3  3  2
# Filtered pixels: 3  3  3  3  3  4  3  3
# Filtered P pix:  0  1  0  1  0  1  0  0
# Filtered Q pix:  1  0  1  0  1  1  1  1
FirstOffset:       1  1  0  2 -1  1  1  1
SecondOffset:     -1  1  1  1  1  1  2  0
ThirdOffset:      -1  1 -1  0  1  0 -1  0
FirstOffsetClip:   1  1  0  2 -1  1  1  1
SecondOffsetClip: -1  1  1  1  1  1  1  0
ThirdOffsetClip:  -1  1 -1  0  1  0 -1  0

Block 447:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:21 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:12 S11:8 S02:24 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:52 S01:36 S11:44 S02:24 S12:16 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:48 S11:52 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:55 S01:0 S11:65 S02:12 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:55 S01:0 S11:26 S02:24 S12:55 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:0 S01:36 S11:44 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:32 S01:24 S11:31 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  2  2  2  2  0
Diff_de:          -1  0  0 -1 -1  1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  4  3  0  2
# Filtered pixels: 3  3  2  3  4  3  3  2
# Filtered P pix:  0  1  0  0  1  1  0  0
# Filtered Q pix:  1  0  0  1  1  0  1  0
FirstOffset:      -1  1  1  0 -1  1  0  2
SecondOffset:      0  0  0 -1 -1  1  1  1
ThirdOffset:       0 -1 -1  0  1  0  0 -2
FirstOffsetClip:  -1  1  1  0 -1  1  0  1
SecondOffsetClip:  0  0  0 -1 -1  1  1  1
ThirdOffsetClip:   0 -1 -1  0  1  0  0 -1

Block 448:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
```

```
Row:1 S0:57 S01:48 S11:52 S02:72 S12:58 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:26 S01:24 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:29 S01:36 S11:39 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:12 S11:47 S02:12 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:24 S11:31 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:39 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:55 S01:0 S11:0 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  4  2  0  2  3  0  2
Diff_de:           0  1  1  0  0  1  0 -1
Diff_c:            0  1  0  0  1 -1  0  0
Diff_f:            0 -1  0  0  1  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  0  2  3  4  4
# Filtered pixels: 2  4  3  4  4  4  4  4
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:       1  0  1  0  0  1  1 -1
SecondOffset:      2  1  0  0  1  0  1 -1
ThirdOffset:       1 -1 -1  0  1 -1 -1  1
FirstOffsetClip:   1  0  1  0  0  1  1 -1
SecondOffsetClip:  1  1  0  0  1  0  1 -1
ThirdOffsetClip:   1 -1 -1  0  1 -1 -1  1

Block 449:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:21 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:45 S01:24 S11:68 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:60 S11:65 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:18 S01:24 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:36 S11:63 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:0 S11:0 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:50 S01:24 S11:42 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  3  0  3  1  0  0  3
Diff_de:           0 -2  0  1  0  0  0  1
Diff_c:            0 -1  0  0  1  0  0  1
Diff_f:            1  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  0  3  1  2  0  4
# Filtered pixels: 4  3  3  4  4  2  3  4
# Filtered P pix:  1  1  0  1  1  0  1  1
# Filtered Q pix:  1  0  1  1  1  0  0  1
FirstOffset:       0 -2  0  1  0  1  0  2
SecondOffset:      0 -2 -1  0  1  1  0  2
ThirdOffset:       1  0  0 -1  0  0  1 -1
FirstOffsetClip:   0 -1  0  1  0  1  0  1
SecondOffsetClip:  0 -1 -1  0  1  1  0  1
ThirdOffsetClip:   1  0  0 -1  0  0  1 -1

Block 450:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:57 S01:24 S11:36 S02:36 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:8 S01:0 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:12 S11:31 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:0 S11:26 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:0 S11:39 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:12 S11:18 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:12 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:24 S11:42 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  0  3  3  4  3  3
Diff_de:           0  0  0  1 -1  1 -1  1
Diff_c:            1  0  0  0  0 -1  0  1
Diff_f:            1  1  0 -1 -1  1  1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  4  3  2  3  3
# Filtered pixels: 3  3  3  4  3  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  0  0  1  0  0  1  1
FirstOffset:       1  0  1  1 -1  1 -1  1
SecondOffset:      1  0  1  1 -1  0  0  1
ThirdOffset:       0  1  1 -1  0  0  1  0
FirstOffsetClip:   1  0  1  1 -1  1 -1  1
```

```
SecondOffsetClip:  1  0  1  1 -1  0  0  1
ThirdOffsetClip:   0  1  1 -1  0  0  1  0

Block 451:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:34 S02:36 S12:63 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:24 S11:29 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:24 S11:26 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:12 S11:60 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:24 S11:62 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:24 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:36 S11:24 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:0 S11:13 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  2  2  1  3  2  3
Diff_de:           0 -1  0 -2  0 -1  0 -1
Diff_c:            1  0  1  0 -1 -1  1  0
Diff_f:            1  1  1  0  0  0  1  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  4  1  3  0  4
# Filtered pixels: 2  4  3  4  4  4  2  4
# Filtered P pix:  0  1  1  1  1  1  0  1
# Filtered Q pix:  0  1  0  1  1  1  0  1
FirstOffset:       0 -1  1 -2  0 -1  0 -1
SecondOffset:      1  0  1 -1 -1 -1  1 -1
ThirdOffset:       1  1  1  1  0  0  1  1
FirstOffsetClip:   0 -1  1 -2  0 -1  0 -1
SecondOffsetClip:  1  0  1 -1 -1 -1  1 -1
ThirdOffsetClip:   1  1  1  1  0  0  1  1

Block 452:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:24 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:24 S11:16 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:42 S01:48 S11:57 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:12 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:48 S11:52 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:18 S01:36 S11:50 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:24 S11:26 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  4  4  4  3  2  3  3
Diff_de:           1  1  1  1  1  0 -1  1
Diff_c:           -1  1 -1  1 -1  1 -1  0
Diff_f:            0 -1 -1 -1  0  1  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  3  4  2  2  4  3
# Filtered pixels: 4  4  3  4  3  4  4  4
# Filtered P pix:  1  1  0  1  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  1  1  1  1  0 -1  1
SecondOffset:      0  1 -1  1 -1  1 -1  0
ThirdOffset:      -1 -1 -1 -1  0  1  1 -1
FirstOffsetClip:   1  1  1  1  1  0 -1  1
SecondOffsetClip:  0  1 -1  1 -1  1 -1  0
ThirdOffsetClip:  -1 -1 -1 -1  0  1  1 -1

Block 453:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:36 S01:48 S11:42 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:47 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:24 S01:60 S11:53 S02:60 S12:65 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:24 S11:36 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:32 S01:12 S11:44 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:50 S01:60 S11:45 S02:24 S12:68 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:36 S11:34 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:53 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  3  1  3  4  2  3
Diff_de:           0  0  1  0  1 -2  0  2
Diff_c:            1  0 -1 -1  0  1 -1  1
Diff_f:            0 -1  0  0  1  1  1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  3  3  2  3
# Filtered pixels: 3  4  2  4  3  3  4  4
# Filtered P pix:  0  1  0  1  1  0  1  1
```

```
# Filtered Q pix:  1  1  0  1  0  1  1  1
FirstOffset:       0  0  1  1  2 -2  0  2
SecondOffset:      1  0 -1  0  1  0 -1  1
ThirdOffset:       0  0  1  0  0  2  1  0
FirstOffsetClip:   0  0  1  1  2 -2  0  2
SecondOffsetClip:  1  0 -1  0  1  0 -1  1
ThirdOffsetClip:   0  0  1  0  0  1  1  0

Block 454:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:60 S01:24 S11:29 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:45 S01:0 S11:26 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:0 S11:26 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:0 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:24 S11:42 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:34 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:12 S11:34 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:12 S11:21 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  3  0  1  0  0  2
Diff_de:           1  1  1  0  0  0  0 -1
Diff_c:            1  0  1  0 -1  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  4  0  1  0  0  4
# Filtered pixels: 4  3  4  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  0  1  1  1  1  0  1
FirstOffset:       1  2  1  0  0  0  0 -1
SecondOffset:      1  1  1  0 -1  0  0 -1
ThirdOffset:      -1  0 -1  0  0  0 -1  1
FirstOffsetClip:   1  2  1  0  0  0  0 -1
SecondOffsetClip:  1  1  1  0 -1  0  0 -1
ThirdOffsetClip:  -1  0 -1  0  0  0 -1  1

Block 455:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:34 S01:48 S11:52 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:55 S01:60 S11:70 S02:24 S12:16 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:45 S01:24 S11:29 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:55 S01:0 S11:13 S02:36 S12:37 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:26 S01:12 S11:34 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:26 S01:24 S11:16 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:52 S01:36 S11:37 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:34 S01:36 S11:50 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  3  2  0  2  2  2
Diff_de:           1 -1 -1  1  0  0 -1  1
Diff_c:            0  0 -1  0  0  1  0  0
Diff_f:            0  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  3  0  0  3  3
# Filtered pixels: 2  2  2  3  4  2  3  3
# Filtered P pix:  0  0  0  1  1  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  1  1
FirstOffset:       1 -1 -2  1  0  0 -1  1
SecondOffset:     -1  1 -2  1  0  1  0  1
ThirdOffset:       0  1  0 -1  0 -1  1 -1
FirstOffsetClip:   1 -1 -1  1  0  0 -1  1
SecondOffsetClip: -1  1 -1  1  0  1  0  1
ThirdOffsetClip:   0  1  0 -1  0 -1  1 -1

Block 456:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:13 S02:0 S12:26 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:13 S01:36 S11:29 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:0 S11:0 S02:12 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:60 S01:0 S11:0 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:24 S11:16 S02:36 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:42 S01:48 S11:37 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:48 S11:52 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:12 S11:21 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  2  0  0  2  2
Diff_de:           0  0 -1  1  0  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  3  2  2  2  2
# Filtered pixels: 4  3  4  3  2  2  2  3
# Filtered P pix:  1  0  1  1  0  0  0  1
# Filtered Q pix:  1  1  1  0  0  0  0  0
FirstOffset:       1  0 -1  1  1  1 -1 -1
SecondOffset:      1  1 -1  1  0 -1  1  0
ThirdOffset:      -1  0  0 -1  0  0  0 -1
FirstOffsetClip:   1  0 -1  1  1  1 -1 -1
SecondOffsetClip:  1  1 -1  1  0 -1  1  0
ThirdOffsetClip:  -1  0  0 -1  0  0  0 -1

Block 457:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:50 S01:36 S11:24 S02:72 S12:78 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:60 S01:48 S11:52 S02:60 S12:50 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:47 S01:48 S11:37 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:24 S11:42 S02:24 S12:31 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:0 S11:13 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:0 S11:0 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:34 S01:12 S11:8 S02:12 S12:8 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:44 S01:24 S11:21 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  0  0  0
Diff_de:           0  0  1  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  0  0  0  3  0
# Filtered pixels: 2  2  3  2  3  3  4  3
# Filtered P pix:  0  0  0  0  1  1  1  0
# Filtered Q pix:  0  0  1  0  0  0  1  1
FirstOffset:      -2  1  1  0  0  0 -1  0
SecondOffset:      0 -1 -1 -1  0  0  0  1
ThirdOffset:      -1 -2 -1 -1  1  1  1  0
FirstOffsetClip:  -1  1  1  0  0  0 -1  0
SecondOffsetClip:  0 -1 -1 -1  0  0  0  1
ThirdOffsetClip:  -1 -1 -1 -1  1  1  1  0

Block 458:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
```

```
Row:1 S0:18 S01:0 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:60 S01:12 S11:8 S02:48 S12:32 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:48 S11:32 S02:72 S12:53 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:24 S01:24 S11:21 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:12 S11:8 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:65 S01:48 S11:37 S02:24 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:13 S01:24 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  1  0  3  0  4  2
Diff_de:           0 -1  0  0  1  0  1  0
Diff_c:            0  0  1  0  0  0  1 -1
Diff_f:            0 -1  0  0 -1  0  1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  0  0  3  0  2  1
# Filtered pixels: 4  3  2  4  4  4  3  4
# Filtered P pix:  1  1  0  1  1  1  0  1
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:       0 -1  0  0  1  0  1  0
SecondOffset:      0 -1  1  0  0  0  2 -1
ThirdOffset:      -1 -1 -2  0 -1  0  0  0
FirstOffsetClip:   0 -1  0  0  1  0  1  0
SecondOffsetClip:  0 -1  1  0  0  0  1 -1
ThirdOffsetClip:  -1 -1 -1  0 -1  0  0  0

Block 459:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:13 S01:60 S11:70 S02:48 S12:32 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:8 S01:0 S11:0 S02:24 S12:31 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:12 S11:8 S02:24 S12:31 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:13 S01:48 S11:32 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:24 S11:42 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:18 S01:0 S11:52 S02:72 S12:78 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:12 S11:34 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  2  3  2  0  2
Diff_de:           0 -1  0 -1 -1 -1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  0  0  2
# Filtered pixels: 2  3  3  3  2  2  3  4
# Filtered P pix:  0  1  1  1  0  0  1  1
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0  0  0 -1  0  0  0 -1
SecondOffset:      1  0  0  0  1 -1  0  0
ThirdOffset:      -1 -1  1  0 -1 -1  2  0
FirstOffsetClip:   0  0  0 -1  0  0  0 -1
SecondOffsetClip:  1  0  0  0  1 -1  0  0
ThirdOffsetClip:  -1 -1  1  0 -1 -1  1  0

Block 460:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:31 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:36 S11:29 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:12 S11:57 S02:0 S12:52 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:12 S11:57 S02:36 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:12 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:48 S11:42 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:36 S11:50 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  1  2  1  3  3  2
Diff_de:           1  1  0  1  0  1 -1  0
Diff_c:            1 -1  1  0  0  0  1  1
Diff_f:           -1 -1  0  0 -1 -1  0  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  4  1  3  3  1
# Filtered pixels: 4  4  4  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  1  0  2  0  1 -1  0
SecondOffset:      1  0  0  1  0  0  1  1
ThirdOffset:      -1 -1  0 -1 -1 -1  1  0
FirstOffsetClip:   1  1  0  2  0  1 -1  0
```

```
SecondOffsetClip:  1  0  0  1  0  0  1  1
ThirdOffsetClip:  -1 -1  0 -1 -1 -1  1  0

Block 461:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:21 S02:24 S12:31 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:34 S01:12 S11:21 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:36 S01:36 S11:29 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:36 S11:50 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:24 S11:31 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:29 S01:12 S11:13 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:34 S01:36 S11:24 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:0 S11:26 S02:36 S12:24 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  0  1  2  2  2  2  2
Diff_de:           1  0  0  1  1  1  1  2
Diff_c:           -1  0  0  0  0  0  0  0
Diff_f:            0  0 -1  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  2  4  2  3
# Filtered pixels: 2  4  2  3  3  4  3  3
# Filtered P pix:  0  1  0  0  0  1  0  1
# Filtered Q pix:  0  1  0  1  1  1  1  0
FirstOffset:       0 -1  0  1  1  1  1  1
SecondOffset:     -1 -1 -1  0  0  1  0  1
ThirdOffset:       1  0 -1  0  0 -1  0  0
FirstOffsetClip:   0 -1  0  1  1  1  1  1
SecondOffsetClip: -1 -1 -1  0  0  1  0  1
ThirdOffsetClip:   1  0 -1  0  0 -1  0  0

Block 462:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:65 S01:60 S11:65 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:36 S01:24 S11:21 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:24 S11:16 S02:24 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:36 S01:12 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:26 S01:48 S11:52 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:13 S01:48 S11:57 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:32 S01:48 S11:37 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:42 S01:48 S11:47 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  4  0  0  0  2  2
Diff_de:          -1  0  1  0  0  0 -1 -1
Diff_c:            0 -1 -1  0  0  0  0  0
Diff_f:            0  0  1  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  0  0  0  2  2
# Filtered pixels: 3  2  2  4  2  3  2  3
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  1  0  0  1  0  1  0  1
FirstOffset:      -1  0  1  0  0  0 -2 -1
SecondOffset:      1 -1  0  0 -1  1  0  1
ThirdOffset:       1 -1  0  0 -1  0  0  0
FirstOffsetClip:  -1  0  1  0  0  0 -1 -1
SecondOffsetClip:  1 -1  0  0 -1  1  0  1
ThirdOffsetClip:   1 -1  0  0 -1  0  0  0

Block 463:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:49 S01:60 S11:55 S02:36 S12:29 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:36 S11:24 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:24 S11:49 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:26 S01:12 S11:13 S02:48 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:12 S11:31 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:24 S11:55 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:47 S01:12 S11:13 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  3  4  4  0  4  2
Diff_de:           0 -1  1 -1 -1  0  1  1
Diff_c:            0 -1 -1 -1 -1  0  1  0
Diff_f:           -1  1  0  1  1  0 -1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  4  2  1  3
# Filtered pixels: 2  3  4  3  4  4  3  4
# Filtered P pix:  0  0  1  1  1  1  1  1
```

```
# Filtered Q pix:  0  1  1  0  1  1  0  1
FirstOffset:       0  0  1  0 -1  1  0  1
SecondOffset:     -1 -1  0  0 -1  0  1  0
ThirdOffset:      -1  0  0  1  1  0 -1 -1
FirstOffsetClip:   0  0  1  0 -1  1  0  1
SecondOffsetClip: -1 -1  0  0 -1  0  1  0
ThirdOffsetClip:  -1  0  0  1  1  0 -1 -1

Block 464:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:68 S01:72 S11:53 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:36 S11:37 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:48 S11:42 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:31 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:24 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:50 S01:36 S11:39 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:55 S01:24 S11:29 S02:72 S12:78 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  3  2  1  2  4  3  3
Diff_de:           1 -1  0  0  0  1  1 -1
Diff_c:            1  0  1  0  1  1 -1 -1
Diff_f:            1  1  1  1 -1  1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  1  1  3  3  3
# Filtered pixels: 3  3  3  3  3  3  3  3
# Filtered P pix:  1  0  0  0  1  1  0  1
# Filtered Q pix:  0  1  1  1  0  0  1  0
FirstOffset:       1 -2  0  0  0  1  2 -1
SecondOffset:      1  1  1 -1  1  1  0 -1
ThirdOffset:       0  2  0  1 -1  1 -1 -1
FirstOffsetClip:   1 -2  0  0  0  1  2 -1
SecondOffsetClip:  1  1  1 -1  1  1  0 -1
ThirdOffsetClip:   0  1  0  1 -1  1 -1 -1

Block 465:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:60 S01:60 S11:65 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:12 S11:34 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:57 S01:48 S11:37 S02:48 S12:62 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:52 S01:36 S11:39 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:12 S11:60 S02:36 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:49 S01:36 S11:49 S02:48 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:0 S11:26 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:24 S11:21 S02:72 S12:53 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  2  4  3  2  3  3
Diff_de:           1  0  0 -1  1  0  1  1
Diff_c:            0  0  1  1  0  1  0  0
Diff_f:            0 -1  1  1 -1  1  1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  4  1  3  2
# Filtered pixels: 3  4  2  4  4  3  4  3
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  1  0
FirstOffset:       1  0  1 -1  1  0  1  1
SecondOffset:      2  0  2  0  1  1  1  0
ThirdOffset:       0  0  1  1 -1  1  0 -2
FirstOffsetClip:   1  0  1 -1  1  0  1  1
SecondOffsetClip:  1  0  1  0  1  1  1  0
ThirdOffsetClip:   0  0  1  1 -1  1  0 -1

Block 466:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:45 S01:0 S11:65 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:47 S01:36 S11:29 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:18 S01:12 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:48 S11:42 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:0 S11:52 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:29 S01:24 S11:21 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:24 S11:31 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:36 S11:37 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  1  3  0  3  3  1
Diff_de:          -2  1  0  1  0 -1 -1  0
Diff_c:            0  0  0  0  0  1  1  0
Diff_f:            0  0  1  1  0  0  0  1
```

```
'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  0  2  0  2  2  0
# Filtered pixels: 4  2  3  2  4  2  2  2
# Filtered P pix:  1  0  1  0  1  0  0  0
# Filtered Q pix:  1  0  0  0  1  0  0  0
FirstOffset:      -2  1  0  1  0 -1 -1  0
SecondOffset:     -1  1  0 -1  0  0  0  1
ThirdOffset:       1  0  1  0  0  0  1  1
FirstOffsetClip:  -1  1  0  1  0 -1 -1  0
SecondOffsetClip: -1  1  0 -1  0  0  0  1
ThirdOffsetClip:   1  0  1  0  0  0  1  1

Block 467:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:50 S01:48 S11:42 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:29 S01:24 S11:16 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:0 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:0 S11:39 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:13 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:12 S11:13 S02:60 S12:40 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:16 S01:36 S11:50 S02:36 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  1  1  0  0  3  2
Diff_de:           2 -1  0  0  0  0  1  0
Diff_c:           -1 -1  0  1  0  0  0  1
Diff_f:           -1  0 -1  0  0  0 -1 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  1  0  0  2  3  2
# Filtered pixels: 3  4  4  3  4  4  3  2
# Filtered P pix:  0  1  1  0  1  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  0  0
FirstOffset:       2 -1  0  0  0  1  1 -1
SecondOffset:      0 -1  0  1  0  0  1  0
ThirdOffset:      -2  1 -1  0  0  0 -2  0
FirstOffsetClip:   2 -1  0  0  0  1  1 -1
SecondOffsetClip:  0 -1  0  1  0  0  1  0
ThirdOffsetClip:  -1  1 -1  0  0  0 -1  0

Block 468:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:52 S01:12 S11:57 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:39 S01:0 S11:13 S02:24 S12:49 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:24 S01:24 S11:42 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:36 S01:48 S11:57 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:34 S01:36 S11:37 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:29 S01:36 S11:34 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:12 S11:21 S02:60 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:34 S01:48 S11:42 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  2  0  2
Diff_de:           0  0  1  0  0  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  0  3  2  0  2
# Filtered pixels: 2  3  2  2  3  2  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       1  1  1  0  1  1  0 -1
SecondOffset:      1  1  1  1  0  0  0  1
ThirdOffset:      -1  0  0  0 -1  0  1  1
FirstOffsetClip:   1  1  1  0  1  1  0 -1
SecondOffsetClip:  1  1  1  1  0  0  0  1
ThirdOffsetClip:  -1  0  0  0 -1  0  1  1

Block 469:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:36 S01:36 S11:39 S02:72 S12:63 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:0 S11:0 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:49 S01:12 S11:34 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:32 S01:48 S11:45 S02:12 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:0 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:12 S11:47 S02:48 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  0  2  4  4  2  3
Diff_de:           0 -1  0  1  1  1 -1  1
Diff_c:            1  0  0  0  1  1  0 -1
Diff_f:            0 -1  0  0 -1 -1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  1  4  3  2
# Filtered pixels: 2  4  3  3  4  4  3  4
# Filtered P pix:  0  1  1  0  1  1  1  1
# Filtered Q pix:  0  1  0  1  1  1  0  1
FirstOffset:       0 -1  0  2  0  1 -1  1
SecondOffset:      1 -1  0  0  1  1 -1  0
ThirdOffset:       2  0  1 -1  0 -1  2  0
FirstOffsetClip:   0 -1  0  2  0  1 -1  1
SecondOffsetClip:  1 -1  0  0  1  1 -1  0
ThirdOffsetClip:   1  0  1 -1  0 -1  1  0

Block 470:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:13 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:39 S01:12 S11:21 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:36 S01:48 S11:47 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:24 S11:55 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:24 S11:29 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:31 S01:48 S11:45 S02:48 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:37 S01:36 S11:39 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:48 S11:42 S02:24 S12:68 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  2  0  0  0
Diff_de:           0 -1  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  2  0  2  0
# Filtered pixels: 3  3  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  1  0  0  0  0  0  0
FirstOffset:       0 -1  0  1  1  0 -1  0
SecondOffset:      0 -1  1  1  0  1  0  1
ThirdOffset:       0  1  1  0 -1  1  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 471:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:21 S01:60 S11:45 S02:36 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:36 S11:34 S02:36 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:12 S11:47 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:31 S01:48 S11:47 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:0 S11:39 S02:36 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:16 S01:24 S11:26 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:0 S11:0 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:42 S01:0 S11:26 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  1  1  0  1  3  3  2
Diff_de:          -1  0  0  0  0 -1 -1  1
Diff_c:            0  0  0  0  0  1  0  0
Diff_f:           -1 -1  1  0  1  0  1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  0  2  4  4
# Filtered pixels: 2  2  3  3  3  3  4  4
# Filtered P pix:  0  0  1  0  1  1  1  1
# Filtered Q pix:  0  0  0  1  0  0  1  1
FirstOffset:      -1  0 -1  0  0 -1 -1  1
SecondOffset:      1 -1 -1 -1  0  0 -1  1
ThirdOffset:       0 -1  1  0  1  0  1 -1
FirstOffsetClip:  -1  0 -1  0  0 -1 -1  1
SecondOffsetClip:  1 -1 -1 -1  0  0 -1  1
ThirdOffsetClip:   0 -1  1  0  1  0  1 -1

Block 472:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:8 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:36 S01:60 S11:50 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:16 S01:36 S11:37 S02:48 S12:32 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:0 S11:13 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:12 S11:13 S02:48 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:13 S01:36 S11:39 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:0 S01:12 S11:73 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:12 S11:31 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  0  3  2  2  1  0  2
Diff_de:          -1  0 -1  1  1  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:           -1  0 -1  0  0  1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  3  2  0  0  2
# Filtered pixels: 3  3  2  3  3  3  4  3
# Filtered P pix:  1  0  0  1  1  0  1  1
# Filtered Q pix:  0  1  0  0  0  1  1  0
FirstOffset:      -1  0 -1  1  1  0  0 -1
SecondOffset:     -1  1  0  1  0 -1  0  0
ThirdOffset:       0  0 -1  1  1  0  0  2
FirstOffsetClip:  -1  0 -1  1  1  0  0 -1
SecondOffsetClip: -1  1  0  1  0 -1  0  0
ThirdOffsetClip:   0  0 -1  1  1  0  0  1

Block 473:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:63 S01:24 S11:42 S02:60 S12:50 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:52 S01:12 S11:13 S02:36 S12:49 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:0 S01:12 S11:21 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:8 S01:24 S11:21 S02:12 S12:31 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:63 S01:12 S11:13 S02:24 S12:31 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:31 S01:48 S11:37 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:44 S01:48 S11:45 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:32 S01:12 S11:44 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  2  0  0  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -2  1  0  0 -2  0  0 -2
SecondOffset:     -2  1  0 -1 -1 -1  1 -1
ThirdOffset:       0 -1  1  0  1 -1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 474:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:37 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:45 S01:12 S11:13 S02:36 S12:24 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:44 S01:36 S11:44 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:0 S11:52 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:34 S01:24 S11:16 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:18 S01:0 S11:0 S02:36 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:57 S01:12 S11:21 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:47 S01:36 S11:24 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  2  0  2  2
Diff_de:          -1  1  0  0 -1  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  3  0  4  3
# Filtered pixels: 3  3  2  3  3  3  4  3
# Filtered P pix:  0  1  0  1  0  1  1  0
# Filtered Q pix:  1  0  0  0  1  0  1  1
FirstOffset:      -1  2  0  0 -1  0  1 -1
SecondOffset:      0  1  1  0  0  0  1  0
ThirdOffset:       0  0  1  1  1 -1 -1  1
FirstOffsetClip:  -1  1  0  0 -1  0  1 -1
SecondOffsetClip:  0  1  1  0  0  0  1  0
ThirdOffsetClip:   0  0  1  1  1 -1 -1  1

Block 475:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:29 S01:60 S11:50 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:72 S11:78 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:60 S01:0 S11:52 S02:36 S12:34 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
```

```
ActEdge:0 ClipEdge:1
Row:4 S0:13 S01:36 S11:49 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:29 S01:36 S11:37 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:24 S01:0 S11:26 S02:0 S12:65 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:21 S01:12 S11:34 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:12 S11:8 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  2  4  2  0
# Filtered pixels: 2  2  3  2  2  4  2  2
# Filtered P pix:  0  0  1  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       1  0  1  0 -1 -1  1  0
SecondOffset:     -1 -2  1 -1 -1 -1  0  0
ThirdOffset:      -1  1  0  1  1  1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 476:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:44 S01:0 S11:26 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:8 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:48 S11:37 S02:0 S12:65 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:12 S11:18 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:73 S01:0 S11:39 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:13 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:36 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:45 S01:12 S11:60 S02:36 S12:29 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  1  1  3  3  1  1  3
Diff_de:           0  0  0  1 -1  0  0 -1
Diff_c:            0  0 -1  0  0 -1 -1  0
Diff_f:            0  1  0 -1 -1  0  0 -1
```

```
'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  0  0  3  0  2  3
# Filtered pixels: 3  4  3  3  4  3  4  3
# Filtered P pix:  1  1  0  1  1  0  1  1
# Filtered Q pix:  0  1  1  0  1  1  1  0
FirstOffset:       0  0  0  0 -1  0  1 -2
SecondOffset:      0  0 -1  0 -1 -1  0 -1
ThirdOffset:      -1  1  0 -1  0  0  0  0
FirstOffsetClip:   0  0  0  0 -1  0  1 -2
SecondOffsetClip:  0  0 -1  0 -1 -1  0 -1
ThirdOffsetClip:  -1  1  0 -1  0  0  0  0

Block 477:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:48 S11:37 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:31 S01:0 S11:26 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:45 S01:12 S11:34 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:36 S01:0 S11:26 S02:60 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:36 S11:24 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:44 S01:24 S11:21 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:52 S01:0 S11:13 S02:0 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:26 S01:12 S11:34 S02:48 S12:57 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  0  0  0  2  0
Diff_de:          -1  0 -1  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  0  0  4  0
# Filtered pixels: 3  3  3  3  2  2  4  3
# Filtered P pix:  0  1  1  1  0  0  1  1
# Filtered Q pix:  1  0  0  0  0  0  1  0
FirstOffset:      -1  0 -2  0  0  0  1  0
SecondOffset:      1  0 -1  0 -1  1  1  0
ThirdOffset:       0 -1  0 -1 -1  1 -1  1
FirstOffsetClip:  -1  0 -1  0  0  0  1  0
SecondOffsetClip:  1  0 -1  0 -1  1  1  0
ThirdOffsetClip:   0 -1  0 -1 -1  1 -1  1

Block 478:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:36 S11:24 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:0 S11:13 S02:60 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:49 S01:36 S11:39 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:24 S11:29 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:42 S01:12 S11:60 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:48 S11:42 S02:24 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:68 S01:60 S11:60 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:57 S01:24 S11:36 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  1  4  3  4  3  1
Diff_de:           0  0  0  2 -1 -1 -1  0
Diff_c:           -1  0  1  1  0  1  1  1
Diff_f:            0 -1  0 -1 -1  1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  4  3  3  3  3
# Filtered pixels: 4  3  4  4  3  3  3  4
# Filtered P pix:  1  1  1  1  1  0  0  1
# Filtered Q pix:  1  0  1  1  0  1  1  1
FirstOffset:       0  0  0  1 -1 -1 -2 -1
SecondOffset:     -1  0  1  1 -1  1  0  0
ThirdOffset:      -1 -1  1 -1 -1  1  1  1
FirstOffsetClip:   0  0  0  1 -1 -1 -2 -1
SecondOffsetClip: -1  0  1  1 -1  1  0  0
ThirdOffsetClip:  -1 -1  1 -1 -1  1  1  1

Block 479:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:29 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:0 S11:39 S02:12 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:18 S01:24 S11:26 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:8 S01:48 S11:42 S02:24 S12:36 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:45 S01:12 S11:8 S02:24 S12:29 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:8 S01:60 S11:45 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:44 S01:0 S11:13 S02:12 S12:13 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:42 S01:24 S11:42 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  0  0  2
# Filtered pixels: 2  3  2  2  2  2  3  2
# Filtered P pix:  0  1  0  0  0  0  1  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  0  0  2  0  0  1
SecondOffset:      1  0  1 -1  1 -1  0  0
ThirdOffset:       0  0 -1  1 -1  1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 480:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:62 S01:24 S11:31 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:26 S01:24 S11:42 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:24 S11:55 S02:0 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:36 S11:39 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:60 S02:12 S12:57 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:0 S01:0 S11:39 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:8 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:57 S01:60 S11:45 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  1  3  2  2  1  3
Diff_de:           0  0  0 -1 -1  0  0 -1
Diff_c:            1  0  1 -1  0  1 -1  1
Diff_f:            1  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  1  2  3  0  1  3
# Filtered pixels: 3  4  4  3  4  3  4  3
# Filtered P pix:  1  1  1  0  1  1  1  0
# Filtered Q pix:  0  1  1  1  1  0  1  1
FirstOffset:       0  0  0 -1 -1  0  0 -1
SecondOffset:      1 -1  1 -1 -1  0  0  1
ThirdOffset:       1  0  0  0  0 -1  1  1
FirstOffsetClip:   0  0  0 -1 -1  0  0 -1
```

```
SecondOffsetClip:  1 -1  1 -1 -1  0  0  1
ThirdOffsetClip:   1  0  0  0  0 -1  1  1

Block 481:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:18 S01:24 S11:29 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:36 S11:44 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:0 S11:52 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:48 S11:32 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:37 S01:48 S11:52 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:21 S01:24 S11:31 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:16 S01:12 S11:34 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:50 S01:48 S11:45 S02:48 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  2  0  0  0
Diff_de:           0  0 -1  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  3  2  2  2
# Filtered pixels: 2  2  3  2  3  2  2  2
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       0  0  0  0  1  1  1 -2
SecondOffset:      1  1  0 -1 -1  0  1  0
ThirdOffset:       1 -1  1  0 -1 -1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 482:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:52 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:48 S11:37 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:12 S11:21 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:57 S01:48 S11:47 S02:12 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
```

```
Row:6 S0:57 S01:48 S11:42 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:18 S01:12 S11:8 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:62 S01:24 S11:31 S02:60 S12:70 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  0  2  4  3  2  0  1
Diff_de:           0  0  0  1 -1  0  0  0
Diff_c:            0  0 -1  1 -1  1  0  1
Diff_f:            1  0  1  1  0  1  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  0  3  2  2  0  1
# Filtered pixels: 4  4  3  3  3  3  4  3
# Filtered P pix:  1  1  0  1  0  0  1  1
# Filtered Q pix:  1  1  1  0  1  1  1  0
FirstOffset:       0  0  0  1 -1  1  0  0
SecondOffset:      0  0 -1  1 -2  2  0  1
ThirdOffset:       1  0  0  1  0  0  0  1
FirstOffsetClip:   0  0  0  1 -1  1  0  0
SecondOffsetClip:  0  0 -1  1 -1  1  0  1
ThirdOffsetClip:   1  0  0  1  0  0  0  1

Block 483:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:48 S11:37 S02:36 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:16 S02:48 S12:57 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:36 S11:29 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:36 S01:12 S11:44 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:8 S01:12 S11:18 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:36 S01:0 S11:52 S02:60 S12:55 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:48 S11:52 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  1  3  0  4  0  2
Diff_de:          -1 -1  0 -1  0 -1  0  1
Diff_c:            1  0 -1  1  0  1  0  0
Diff_f:            0  1  0  0  0  1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  0  0  0  3
# Filtered pixels: 3  2  3  3  4  3  3  3
# Filtered P pix:  1  0  1  0  1  1  1  0
```

```
# Filtered Q pix:  0  0  0  1  1  0  0  1
FirstOffset:      -1 -1  1  0  0  0  0  1
SecondOffset:      0  1  0  1  0  0  0  2
ThirdOffset:       1  1  1  0  0  1 -1 -1
FirstOffsetClip:  -1 -1  1  0  0  0  0  1
SecondOffsetClip:  0  1  0  1  0  0  0  1
ThirdOffsetClip:   1  1  1  0  0  1 -1 -1

Block 484:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:21 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:32 S01:12 S11:31 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:47 S01:12 S11:21 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:0 S01:12 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:24 S11:26 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:18 S01:12 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:24 S11:31 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:24 S11:26 S02:24 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  3  2  2  1  0  3  4
Diff_de:           0 -1 -1  0  0  0  1  1
Diff_c:            0  0  0 -1  1  0 -1 -1
Diff_f:            0 -1  0  1  0  0  0 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  0  0  0  2  2
# Filtered pixels: 4  3  4  3  3  4  2  2
# Filtered P pix:  1  1  1  1  0  1  0  0
# Filtered Q pix:  1  0  1  0  1  1  0  0
FirstOffset:       0 -2 -1  0  0  0  1  1
SecondOffset:      0 -1  0  0  1  0  0  0
ThirdOffset:       0  1  1  1  0  0 -2 -1
FirstOffsetClip:   0 -1 -1  0  0  0  1  1
SecondOffsetClip:  0 -1  0  0  1  0  0  0
ThirdOffsetClip:   0  1  1  1  0  0 -1 -1

Block 485:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:54 S01:60 S11:60 S02:60 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:36 S11:24 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:0 S11:0 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:60 S11:55 S02:36 S12:34 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:45 S01:12 S11:13 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:0 S11:39 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:24 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:36 S01:12 S11:21 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  4  3  3  3  1  0
Diff_de:           0 -1 -1 -1 -2  1  0  0
Diff_c:            0  1 -1  0 -1  0 -1  0
Diff_f:            0  0  1 -1  0 -1  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  4  2  4  3  1  0
# Filtered pixels: 2  3  4  3  4  4  4  4
# Filtered P pix:  0  1  1  0  1  1  1  1
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:       0 -1 -1 -2 -2  1  0  0
SecondOffset:     -1  0 -1  0 -1  1 -1  0
ThirdOffset:      -1 -1  1  0  1  0  0  0
FirstOffsetClip:   0 -1 -1 -2 -2  1  0  0
SecondOffsetClip: -1  0 -1  0 -1  1 -1  0
ThirdOffsetClip:  -1 -1  1  0  1  0  0  0

Block 486:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:42 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:36 S11:29 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:50 S01:60 S11:45 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:12 S11:21 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:37 S01:12 S11:47 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:21 S01:60 S11:70 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:39 S01:12 S11:47 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:0 S11:39 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  3  2  2  2  2  0  2
Diff_de:           1  1  1 -1 -1  1  0 -1
Diff_c:           -1 -1  0  0  0  0  0  0
Diff_f:            1  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  4  2  3  3  3
# Filtered pixels: 4  3  3  4  4  3  4  3
# Filtered P pix:  1  0  0  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:       1  1  2 -1 -1  1 -1 -1
SecondOffset:      0  0  0 -1  0 -1  0 -1
ThirdOffset:       0 -1 -1  1  0 -1  1 -1
FirstOffsetClip:   1  1  1 -1 -1  1 -1 -1
SecondOffsetClip:  0  0  0 -1  0 -1  0 -1
ThirdOffsetClip:   0 -1 -1  1  0 -1  1 -1

Block 487:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:18 S02:72 S12:73 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:36 S11:37 S02:48 S12:57 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:47 S01:36 S11:24 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:37 S01:36 S11:37 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:16 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:50 S01:24 S11:29 S02:24 S12:16 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:55 S01:36 S11:39 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:24 S11:42 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  0  2  2  4  2  2  2
Diff_de:          -1  0  1 -1 -1  1  1  1
Diff_c:            1  0  0  0  1  0  0  0
Diff_f:            0  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  0  2  2  2
# Filtered pixels: 3  2  2  3  2  2  2  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0  0  1 -1  0  2  1  1
SecondOffset:      0 -1  0  0  1  1  0  0
ThirdOffset:      -2  1 -2  0 -1 -1 -1  0
FirstOffsetClip:   0  0  1 -1  0  1  1  1
SecondOffsetClip:  0 -1  0  0  1  1  0  0
ThirdOffsetClip:  -1  1 -1  0 -1 -1 -1  0

Block 488:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
```

```
Row:1 S0:60 S01:48 S11:37 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:31 S01:12 S11:21 S02:60 S12:40 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:48 S11:37 S02:60 S12:53 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:12 S11:34 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:36 S11:49 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:55 S01:12 S11:8 S02:12 S12:8 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:7 S0:57 S01:24 S11:49 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:18 S01:24 S11:26 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  0  0  2  0  1
Diff_de:          -1  0  1  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  3  3  2  0
# Filtered pixels: 2  3  2  3  3  4  2  3
# Filtered P pix:  0  1  0  1  0  1  0  0
# Filtered Q pix:  0  0  0  0  1  1  0  1
FirstOffset:      -1  0  0  0 -1  1 -1  0
SecondOffset:      1  0  1  0 -1  0 -1  1
ThirdOffset:       2  1  1 -1  1 -1  0  0
FirstOffsetClip:  -1  0  0  0 -1  1 -1  0
SecondOffsetClip:  1  0  1  0 -1  0 -1  1
ThirdOffsetClip:   1  1  1 -1  1 -1  0  0

Block 489:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:26 S01:0 S11:0 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:21 S01:24 S11:42 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:34 S01:12 S11:8 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:55 S01:24 S11:29 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:47 S01:0 S11:52 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:8 S01:24 S11:29 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:13 S01:12 S11:34 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  0  1  3  4  4  0  1
Diff_de:          -1  0  0 -1  1  1  0  0
Diff_c:            0  0  0 -1  1  1  0  0
Diff_f:            0  0 -1  0  1 -1  0 -1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  2  4  3  4  1  1
# Filtered pixels: 4  4  3  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:      -1  0 -1 -1  1  1  0  0
SecondOffset:     -1  0  0 -1  1  1  1  0
ThirdOffset:       1  0 -1  1  0 -1  0 -1
FirstOffsetClip:  -1  0 -1 -1  1  1  0  0
SecondOffsetClip: -1  0  0 -1  1  1  1  0
ThirdOffsetClip:   1  0 -1  1  0 -1  0 -1

Block 490:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:21 S02:48 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:36 S11:50 S02:36 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:49 S01:0 S11:52 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:48 S11:47 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:24 S11:21 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:36 S11:24 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:48 S11:57 S02:24 S12:42 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:24 S11:29 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  2  1  1  1  3  3
Diff_de:          -1 -1  1  0  0  0  1 -1
Diff_c:           -1  0  0  0  1  1  0  1
Diff_f:            0 -1  0 -1  0  0 -1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  1  0  1  2
# Filtered pixels: 3  2  4  2  3  2  3  3
# Filtered P pix:  1  0  1  0  1  0  0  1
# Filtered Q pix:  0  0  1  0  0  0  1  0
FirstOffset:      -1 -1  0  0  0  0  0 -1
SecondOffset:     -1 -1  0 -1  1  1  1  0
ThirdOffset:      -1  0  0 -1  1 -1 -1  0
FirstOffsetClip:  -1 -1  0  0  0  0  0 -1
```

```
SecondOffsetClip: -1 -1  0 -1  1  1  1  0
ThirdOffsetClip:  -1  0  0 -1  1 -1 -1  0

Block 491:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:24 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:8 S01:24 S11:36 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:12 S11:21 S02:12 S12:57 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:36 S11:37 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:8 S01:24 S11:21 S02:24 S12:16 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:57 S01:60 S11:45 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:44 S01:48 S11:45 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:48 S11:52 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  2  0  4  2  0  0
Diff_de:           1  1  1  0  1  1  0  0
Diff_c:            0  0  0  0 -1  0  0  0
Diff_f:            0  1  0  0  1  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  4  0  0  2  0  0
# Filtered pixels: 2  2  4  2  2  2  2  3
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  1
FirstOffset:       0  0  1  0  0  1  0  0
SecondOffset:      1 -1  1 -1 -1 -1  1  1
ThirdOffset:       1  1 -1 -1  1 -1  1  0
FirstOffsetClip:   0  0  1  0  0  1  0  0
SecondOffsetClip:  1 -1  1 -1 -1 -1  1  1
ThirdOffsetClip:   1  1 -1 -1  1 -1  1  0

Block 492:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:26 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:60 S01:48 S11:42 S02:24 S12:21 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:37 S01:36 S11:24 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:47 S01:12 S11:18 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:44 S01:48 S11:57 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:8 S01:48 S11:47 S02:24 S12:36 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:0 S11:26 S02:36 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:32 S01:0 S11:65 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  3  2  0  3  2  2
Diff_de:           0 -1 -1 -1  0 -1 -1  1
Diff_c:           -1  0  1  0  0  0  0  0
Diff_f:            0  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  0  0  3  3
# Filtered pixels: 3  2  3  3  2  2  3  3
# Filtered P pix:  0  0  0  1  0  0  1  1
# Filtered Q pix:  1  0  1  0  0  0  0  0
FirstOffset:       0 -1 -1 -1  0  0 -1  2
SecondOffset:     -1  1  0  0  1  1 -1  1
ThirdOffset:       0  1  0  0  1 -1  0  0
FirstOffsetClip:   0 -1 -1 -1  0  0 -1  1
SecondOffsetClip: -1  1  0  0  1  1 -1  1
ThirdOffsetClip:   0  1  0  0  1 -1  0  0

Block 493:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:26 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:24 S11:16 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:44 S01:24 S11:26 S02:24 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:48 S11:47 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:60 S11:60 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:65 S01:48 S11:52 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:45 S01:0 S11:39 S02:60 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  0  4  4  3  4  3
Diff_de:           -1 -1  0 -1 -1 -1 -1 -1
Diff_c:            -1  0  0 -1  1  1 -1  0
Diff_f:            -1  1  0  1 -1  0 -1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  2  2  2  2  3
# Filtered pixels: 4  4  4  4  3  3  3  3
# Filtered P pix:  1  1  1  1  0  0  0  1
```

```
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:      -1 -1  0  0 -1 -1 -1 -2
SecondOffset:     -1  0  0 -1  1  1 -2 -1
ThirdOffset:       0  1  0  1  0  0  0  0
FirstOffsetClip:  -1 -1  0  0 -1 -1 -1 -2
SecondOffsetClip: -1  0  0 -1  1  1 -2 -1
ThirdOffsetClip:   0  1  0  1  0  0  0  0

Block 494:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:21 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:68 S01:12 S11:44 S02:24 S12:49 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:45 S01:60 S11:50 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:45 S01:12 S11:13 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:16 S01:24 S11:16 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:24 S01:0 S11:26 S02:12 S12:13 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:12 S11:34 S02:12 S12:60 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:42 S01:48 S11:57 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  2  3  3  0  2
# Filtered pixels: 2  2  2  2  3  3  2  2
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       1 -2 -2 -2  1 -1  0 -1
SecondOffset:      1 -1  0 -1  0 -1  0  1
ThirdOffset:      -1  1  0  0 -1  0  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 495:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:31 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:0 S11:39 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:12 S11:8 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:12 S11:60 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:39 S01:24 S11:16 S02:12 S12:60 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:26 S01:12 S11:31 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:42 S01:12 S11:21 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:42 S01:0 S11:39 S02:24 S12:55 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  2  0  2  2  2
Diff_de:          -1  1 -1  1  0 -1 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  3  3  2  0  3  3
# Filtered pixels: 3  4  4  4  3  4  4  3
# Filtered P pix:  0  1  1  1  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:      -1  1 -1  1  1  0 -1  1
SecondOffset:      0  1 -1  1  0  0 -1  1
ThirdOffset:       1 -1  0  0  0  0  0  0
FirstOffsetClip:  -1  1 -1  1  1  0 -1  1
SecondOffsetClip:  0  1 -1  1  0  0 -1  1
ThirdOffsetClip:   1 -1  0  0  0  0  0  0

Block 496:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:21 S02:12 S12:8 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:13 S01:48 S11:42 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:31 S01:48 S11:52 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:0 S11:26 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:0 S11:26 S02:48 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:26 S01:24 S11:16 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:53 S01:12 S11:13 S02:48 S12:32 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:8 S01:0 S11:52 S02:12 S12:18 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  2  0  0  0  2
Diff_de:          -1  0  0  1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  3  0  0  2  0
# Filtered pixels: 2  2  2  3  3  2  2  3
# Filtered P pix:  0  0  0  1  1  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  0  1  0  0 -2  0
SecondOffset:      0  1 -1  1  0 -1 -1  0
ThirdOffset:       0  0  1  0  1 -1  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 497:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:57 S01:24 S11:29 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:18 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:57 S01:0 S11:65 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:36 S11:34 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:24 S11:26 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:24 S11:29 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:0 S11:39 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  3  4  3  3  1  2
Diff_de:          -1  0 -1  1 -1 -1  0  0
Diff_c:            0 -1  0  1 -1  1  0  1
Diff_f:            1  1  1 -1  0  0 -1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  4  4  4  2  1  1
# Filtered pixels: 4  4  4  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:      -1  0 -1  1 -1 -1  0  0
SecondOffset:      0 -1 -1  1 -1  0 -1  0
ThirdOffset:       1  0  1 -1  1  0 -1 -1
FirstOffsetClip:  -1  0 -1  1 -1 -1  0  0
SecondOffsetClip:  0 -1 -1  1 -1  0 -1  0
ThirdOffsetClip:   1  0  1 -1  1  0 -1 -1

Block 498:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:48 S11:37 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:2 S0:50 S01:48 S11:47 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:37 S01:24 S11:26 S02:72 S12:48 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:12 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:55 S01:36 S11:39 S02:48 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:12 S11:31 S02:36 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:31 S01:48 S11:52 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:24 S01:0 S11:39 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  2
Diff_de:           0  0  0  0  0 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  2  3  0  4
# Filtered pixels: 3  2  2  3  2  3  3  4
# Filtered P pix:  0  0  0  1  0  1  0  1
# Filtered Q pix:  1  0  0  0  0  0  1  1
FirstOffset:       0 -2 -1  0 -1 -1  0  1
SecondOffset:     -1  0  0  0 -1 -1  1  1
ThirdOffset:       0  2 -1 -1 -1  0  0 -1
FirstOffsetClip:   0 -1 -1  0 -1 -1  0  1
SecondOffsetClip: -1  0  0  0 -1 -1  1  1
ThirdOffsetClip:   0  1 -1 -1 -1  0  0 -1

Block 499:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:44 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:24 S11:62 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:0 S11:26 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:24 S11:16 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:24 S11:26 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:24 S11:68 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:48 S11:45 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  1  4  4  3  3  4
Diff_de:           1  0  0  1 -1 -1  1  1
Diff_c:            0  1  0  1  1 -1  0  1
Diff_f:           -1 -1 -1 -1 -1  0 -1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  1  2  4  2  2
# Filtered pixels: 4  4  3  3  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  0
# Filtered Q pix:  1  1  0  0  1  1  1  1
FirstOffset:       1  0 -1  0 -1 -1  1  1
SecondOffset:      0  1 -1  1  0 -1  0  2
ThirdOffset:      -1  0 -1 -1  0  1  0  0
FirstOffsetClip:   1  0 -1  0 -1 -1  1  1
SecondOffsetClip:  0  1 -1  1  0 -1  0  2
ThirdOffsetClip:  -1  0 -1 -1  0  1  0  0

Block 500:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:18 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:16 S01:12 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:18 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:36 S01:12 S11:57 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:36 S11:39 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:24 S11:42 S02:36 S12:24 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:60 S01:36 S11:34 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:37 S01:12 S11:44 S02:24 S12:49 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  2  0  2  2  3  3
Diff_de:           0  1  0  0  0  0 -1 -1
Diff_c:            1  1  1  0  1 -1 -1  0
Diff_f:            0  0  1  0  1  1  0 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  1  1  1  2  2  2
# Filtered pixels: 4  4  4  4  3  3  3  4
# Filtered P pix:  1  1  1  1  0  1  0  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0  1  0  0  0  1 -1 -1
SecondOffset:      0  1  0  0  1  0 -1  0
ThirdOffset:       0 -1  1  1  1  0  0  0
FirstOffsetClip:   0  1  0  0  0  1 -1 -1
```

```
SecondOffsetClip:  0  1  0  0  1  0 -1  0
ThirdOffsetClip:   0 -1  1  1  1  0  0  0

Block 501:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:18 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:0 S11:0 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:26 S01:24 S11:29 S02:72 S12:73 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:16 S01:12 S11:21 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:32 S01:24 S11:16 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:36 S11:24 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:45 S01:48 S11:52 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  2  0  2  0  0
Diff_de:           0  0  0  1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  3  2  3  2  0
# Filtered pixels: 4  3  2  4  2  3  2  4
# Filtered P pix:  1  1  0  1  0  0  0  1
# Filtered Q pix:  1  0  0  1  0  1  0  1
FirstOffset:      -1 -1  0  1  2  1 -2  0
SecondOffset:     -1 -1  1  0  1  1  0  0
ThirdOffset:       1 -1 -2 -1  0 -1  0  0
FirstOffsetClip:  -1 -1  0  1  1  1 -1  0
SecondOffsetClip: -1 -1  1  0  1  1  0  0
ThirdOffsetClip:   1 -1 -1 -1  0 -1  0  0

Block 502:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:34 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:48 S11:45 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:0 S11:39 S02:24 S12:36 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:24 S01:36 S11:34 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:24 S01:24 S11:21 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:34 S01:12 S11:31 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:24 S11:31 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:12 S11:44 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  2  2  2  0
# Filtered pixels: 2  2  3  2  2  2  2  2
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  0 -1  1  1  1  0
SecondOffset:      1  1  0  0  0  1  0  0
ThirdOffset:      -1  0 -1  0  0  0  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 503:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:26 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:32 S01:48 S11:57 S02:12 S12:73 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:8 S01:12 S11:34 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:48 S11:45 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:31 S01:0 S11:0 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:21 S01:36 S11:44 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:54 S01:60 S11:55 S02:12 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:32 S01:0 S11:52 S02:12 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  2  0  3
# Filtered pixels: 2  2  2  2  3  2  2  3
# Filtered P pix:  0  0  0  0  1  0  0  1
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  2  0  1  0 -1  0  2
SecondOffset:     -1  0  0 -1  0  0 -1  1
ThirdOffset:       1 -1  1  1 -1  0  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 504:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:16 S01:24 S11:26 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:0 S11:39 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:12 S11:18 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:18 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:42 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:12 S11:8 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:55 S01:24 S11:16 S02:36 S12:39 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:42 S01:0 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  1  2  4  1  4  2
Diff_de:           0 -1  0  0  1  0  1 -1
Diff_c:            1  0  1 -1 -1  0 -1  0
Diff_f:           -1  1  0 -1 -1  1 -1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  1  3  0  2  4
# Filtered pixels: 3  3  4  4  4  3  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  0  1  1  1  0  0  1
FirstOffset:      -1 -1  0  0  1  0  1 -1
SecondOffset:      0 -1  0  0  0  0  0 -1
ThirdOffset:       0  1  0 -1 -1  1 -1  1
FirstOffsetClip:  -1 -1  0  0  1  0  1 -1
SecondOffsetClip:  0 -1  0  0  0  0  0 -1
ThirdOffsetClip:   0  1  0 -1 -1  1 -1  1

Block 505:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:78 S01:12 S11:18 S02:24 S12:62 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:21 S01:24 S11:36 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:0 S11:0 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:36 S01:48 S11:52 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:0 S11:39 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:50 S01:24 S11:16 S02:72 S12:63 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:72 S11:63 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:55 S01:36 S11:54 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  1  0  2  2  3  2  3
Diff_de:          -1  0  0  0  0 -1 -1  1
Diff_c:            0 -1  0 -1  1 -1  0 -1
Diff_f:           -1  0  0 -1 -1  0  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  1  1  3  2  3
# Filtered pixels: 4  4  4  3  4  3  3  4
# Filtered P pix:  1  1  1  0  1  1  0  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:      -1  1  0  0  0 -2 -1  1
SecondOffset:     -1  0  0 -1  0 -2  1  0
ThirdOffset:       0  0  0 -1 -1 -1  0 -1
FirstOffsetClip:  -1  1  0  0  0 -2 -1  1
SecondOffsetClip: -1  0  0 -1  0 -1  1  0
ThirdOffsetClip:   0  0  0 -1 -1 -1  0 -1

Block 506:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:57 S01:36 S11:44 S02:60 S12:53 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:26 S01:36 S11:24 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:0 S11:0 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:24 S11:21 S02:48 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:24 S11:29 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:60 S11:60 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:8 S01:24 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  1  1  3  2  1  2
Diff_de:           1  1  0  0 -1  0  0  0
Diff_c:           -1  1  0 -1  0 -1  0  1
Diff_f:           -1 -1  1  0 -1  1  1 -1
```

```
'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  0  0  2  2  1  2
# Filtered pixels: 3  4  4  4  3  4  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  1  1  1  0  1  1  1
FirstOffset:       1  0  0  0 -1  0  0  0
SecondOffset:      0  1  0  0  0 -1  1  1
ThirdOffset:      -2  0  0  0 -1  1  1 -1
FirstOffsetClip:   1  0  0  0 -1  0  0  0
SecondOffsetClip:  0  1  0  0  0 -1  1  1
ThirdOffsetClip:  -1  0  0  0 -1  1  1 -1

Block 507:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:13 S02:12 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:24 S11:31 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:45 S01:36 S11:34 S02:0 S12:13 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:29 S01:48 S11:45 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:29 S01:36 S11:39 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:24 S01:12 S11:8 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:12 S11:13 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:16 S01:36 S11:44 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  2  2  2  2  2
# Filtered pixels: 2  2  3  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:       1  1 -2  1  1 -1 -1 -1
SecondOffset:      0  0  0 -1  0 -1  0 -1
ThirdOffset:       0  0  1  0  1  0  0  2
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 508:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:24 S11:42 S02:72 S12:73 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:36 S11:44 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:39 S01:36 S11:34 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:36 S11:24 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:0 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:6 S0:50 S01:24 S11:29 S02:72 S12:58 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:12 S11:31 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:44 S01:36 S11:34 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  0  2  0  0
# Filtered pixels: 2  3  3  2  3  2  4  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  0  1  1  0  1  0  1  0
FirstOffset:       1  0  1 -1  0  2  0  0
SecondOffset:      0 -1  0 -1  1  1  0 -1
ThirdOffset:       1  0 -1  1  0  1  0  1
FirstOffsetClip:   1  0  1 -1  0  1  0  0
SecondOffsetClip:  0 -1  0 -1  1  1  0 -1
ThirdOffsetClip:   1  0 -1  1  0  1  0  1

Block 509:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:50 S01:0 S11:0 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:36 S11:37 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:24 S11:36 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:12 S11:47 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:0 S11:0 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:40 S01:24 S11:36 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:55 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  2  3  3  3  3  0
Diff_de:          -2 -1  0 -1 -1  2 -1  0
Diff_c:            0 -1 -1  0  0 -1 -1  0
Diff_f:            0  1  1  1  1  0  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  3  3  4  3  0
# Filtered pixels: 3  3  4  4  3  4  3  4
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  0  1  0  1
FirstOffset:      -2  0  0 -1 -1  2 -1  0
SecondOffset:     -1 -1 -1  0 -1  1 -1  0
ThirdOffset:       0  0  1  1  1 -1 -1  0
FirstOffsetClip:  -2  0  0 -1 -1  2 -1  0
SecondOffsetClip: -1 -1 -1  0 -1  1 -1  0
ThirdOffsetClip:   0  0  1  1  1 -1 -1  0

Block 510:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:24 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:36 S01:0 S11:39 S02:24 S12:36 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:0 S11:39 S02:36 S12:29 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:44 S01:0 S11:0 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:36 S11:29 S02:36 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:57 S01:24 S11:36 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:24 S11:16 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:24 S11:29 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  3  2  2  3  3  1
Diff_de:           0  0  1  1  0  1 -1  0
Diff_c:           -1  0  0  0  1  1  0 -1
Diff_f:            0 -1  1  0 -1  0  1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  3  0  0  4  3  1
# Filtered pixels: 2  4  3  3  2  4  4  3
# Filtered P pix:  0  1  1  1  0  1  1  1
# Filtered Q pix:  0  1  0  0  0  1  1  0
FirstOffset:      -1  0  1  0  0  1 -1  0
SecondOffset:     -1  0  1  0  1  1  0 -1
ThirdOffset:      -1 -1  0 -1 -1 -1  1  1
FirstOffsetClip:  -1  0  1  0  0  1 -1  0
```

```
SecondOffsetClip: -1  0  1  0  1  1  0 -1
ThirdOffsetClip:  -1 -1  0 -1 -1 -1  1  1

Block 511:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:57 S01:36 S11:34 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:52 S01:12 S11:34 S02:72 S12:53 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:60 S11:45 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:55 S01:36 S11:44 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:12 S11:13 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:37 S01:36 S11:50 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:0 S01:36 S11:49 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:34 S01:0 S11:26 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  0  2  0  0  2
Diff_de:           0 -1  0  0  1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  2  3  2  0  4
# Filtered pixels: 2  3  3  2  3  2  3  4
# Filtered P pix:  0  1  0  0  1  0  0  1
# Filtered Q pix:  0  0  1  0  0  0  1  1
FirstOffset:      -1 -1 -1  1  1 -1  0  1
SecondOffset:     -1  0 -2  0  1 -1 -1  1
ThirdOffset:       0 -1  0 -1  0  0  0 -1
FirstOffsetClip:  -1 -1 -1  1  1 -1  0  1
SecondOffsetClip: -1  0 -1  0  1 -1 -1  1
ThirdOffsetClip:   0 -1  0 -1  0  0  0 -1

Block 512:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:18 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:48 S11:45 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:24 S11:26 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:37 S01:12 S11:13 S02:60 S12:65 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:12 S11:13 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:13 S01:36 S11:24 S02:12 S12:18 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:63 S01:24 S11:16 S02:36 S12:54 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:16 S01:36 S11:39 S02:0 S12:65 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  2
Diff_de:           0  0  0 -1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  2  0  2  3
# Filtered pixels: 2  2  2  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0 -1  1 -1 -1  0 -2 -1
SecondOffset:      0  1  1  0  0  1 -2  0
ThirdOffset:       1 -1 -1 -1  0  0  0  1
FirstOffsetClip:   0 -1  1 -1 -1  0 -1 -1
SecondOffsetClip:  0  1  1  0  0  1 -1  0
ThirdOffsetClip:   1 -1 -1 -1  0  0  0  1

Block 513:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:29 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:24 S11:21 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:18 S01:72 S11:63 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:47 S01:12 S11:18 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:37 S01:12 S11:18 S02:0 S12:65 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:16 S01:36 S11:29 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:12 S11:47 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  2  0  2
Diff_de:           0  0  0  0 -1 -1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  2  3  2  0
# Filtered pixels: 2  2  2  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:      -1  1  1  0 -1 -1  1  0
SecondOffset:      0  0  1 -2 -1  0  0  0
ThirdOffset:       0  0  0  0  0  1  1 -1
FirstOffsetClip:  -1  1  1  0 -1 -1  1  0
SecondOffsetClip:  0  0  1 -1 -1  0  0  0
ThirdOffsetClip:   0  0  0  0  0  1  1 -1

Block 514:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:31 S01:48 S11:57 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:24 S01:24 S11:31 S02:12 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:60 S11:60 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:0 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:31 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:57 S01:0 S11:65 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:7 S0:13 S01:60 S11:55 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:12 S11:44 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  0  2  0  2  0  2
Diff_de:           0 -1  0  1  0  1  0 -1
Diff_c:            0  1  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  0  4  0  3
# Filtered pixels: 2  3  3  4  4  4  2  4
# Filtered P pix:  0  0  0  1  1  1  0  1
# Filtered Q pix:  0  1  1  1  1  1  0  1
FirstOffset:       0 -1  0  1  0  1  0 -1
SecondOffset:      1  0 -1  1  0  1  1  0
ThirdOffset:       1  0  0  0  0 -1 -1  1
FirstOffsetClip:   0 -1  0  1  0  1  0 -1
SecondOffsetClip:  1  0 -1  1  0  1  1  0
ThirdOffsetClip:   1  0  0  0  0 -1 -1  1

Block 515:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:31 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:21 S02:12 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:49 S01:0 S11:0 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:37 S01:36 S11:24 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:24 S01:0 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:65 S01:12 S11:57 S02:36 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:60 S01:24 S11:36 S02:24 S12:26 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:44 S01:0 S11:39 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  1  3  3  2  2  0
Diff_de:           0  0  0  1 -1  1  1  0
Diff_c:            0  0  0 -1 -1  0  0  0
Diff_f:            0  0  1  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  3  2  2  0
# Filtered pixels: 3  4  3  3  4  3  2  3
# Filtered P pix:  1  1  1  0  1  1  0  1
# Filtered Q pix:  0  1  0  1  1  0  0  0
FirstOffset:       0  0  0  1 -1  1  1  0
SecondOffset:      0  0  0  0 -1  0  1  0
ThirdOffset:      -1  0  1  0  0 -1  0  1
FirstOffsetClip:   0  0  0  1 -1  1  1  0
SecondOffsetClip:  0  0  0  0 -1  0  1  0
ThirdOffsetClip:  -1  0  1  0  0 -1  0  1

Block 516:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:26 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:24 S11:29 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:24 S11:21 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:12 S11:34 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:18 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:49 S01:48 S11:57 S02:12 S12:44 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:39 S01:36 S11:34 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:12 S11:8 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  1  3  1  1  4  4
Diff_de:          -1  0  0 -1  0  0 -1  1
Diff_c:           -1  0 -1 -1  1  1 -1  1
Diff_f:            1  0  0  0  0  0 -1 -1
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  1  4  2  0  2  3
# Filtered pixels: 3  4  4  4  3  3  2  3
# Filtered P pix:  1  1  1  1  1  0  0  1
# Filtered Q pix:  0  1  1  1  0  1  0  0
FirstOffset:       0  1  0 -2 -1  0 -1  1
SecondOffset:     -1  0 -1 -1  0  1 -1  1
ThirdOffset:       1  0  0  1 -1  0  0 -1
FirstOffsetClip:   0  1  0 -2 -1  0 -1  1
SecondOffsetClip: -1  0 -1 -1  0  1 -1  1
ThirdOffsetClip:   1  0  0  1 -1  0  0 -1

Block 517:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:0 S02:24 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:36 S01:0 S11:52 S02:24 S12:26 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:31 S02:24 S12:31 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:8 S01:36 S11:24 S02:36 S12:63 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:50 S01:24 S11:49 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:70 S01:24 S11:36 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:39 S01:48 S11:57 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:24 S11:42 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  2  2  2  2
Diff_de:           0  0  0  0  1  1 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  2  2  3
# Filtered pixels: 3  3  3  2  2  2  3  3
# Filtered P pix:  1  1  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  1
FirstOffset:       0  0  0  0  2  1 -1  1
SecondOffset:      0  0  0  1  1  1  1  1
ThirdOffset:       1 -1  1 -1 -1  1  0 -1
FirstOffsetClip:   0  0  0  0  1  1 -1  1
SecondOffsetClip:  0  0  0  1  1  1  1  1
ThirdOffsetClip:   1 -1  1 -1 -1  1  0 -1

Block 518:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
```

```
Row:1 S0:21 S01:48 S11:32 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:55 S01:12 S11:21 S02:36 S12:44 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:31 S01:24 S11:26 S02:36 S12:63 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:47 S01:36 S11:24 S02:48 S12:52 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:29 S01:12 S11:21 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:44 S01:24 S11:21 S02:12 S12:44 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:21 S01:12 S11:21 S02:12 S12:13 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:12 S11:8 S02:0 S12:65 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  2  0  2  0
# Filtered pixels: 2  2  2  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:      -1 -1  0 -1 -1  0  1  0
SecondOffset:     -2 -1 -1 -1  0 -1  0  0
ThirdOffset:       0  0  1 -1  0  0 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 519:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:49 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:29 S01:24 S11:29 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:12 S11:44 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:48 S11:37 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:8 S01:48 S11:45 S02:12 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:40 S01:24 S11:21 S02:60 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  3  2  2  1  1  3  2
Diff_de:           1 -1 -1  1  0  0 -1  1
Diff_c:           -1  0  0  0  0  0  1  0
Diff_f:            0 -1  0  0  1 -1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  3  2  0  0  3  3
# Filtered pixels: 3  4  4  3  2  3  3  4
# Filtered P pix:  1  1  1  1  0  0  1  1
# Filtered Q pix:  0  1  1  0  0  1  0  1
FirstOffset:       0 -1 -1  1  0  0 -2  1
SecondOffset:     -1 -1  0  0 -1  1 -1  0
ThirdOffset:       1  0  1  0  1  0  0 -1
FirstOffsetClip:   0 -1 -1  1  0  0 -1  1
SecondOffsetClip: -1 -1  0  0 -1  1 -1  0
ThirdOffsetClip:   1  0  1  0  1  0  0 -1

Block 520:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:36 S02:0 S12:65 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:0 S01:0 S11:39 S02:36 S12:44 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:36 S11:29 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:36 S11:37 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:12 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:36 S01:12 S11:44 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:36 S01:0 S11:52 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:26 S01:36 S11:39 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  2  0  1  1  0  2
Diff_de:           1  1  1  0  0  0  0  1
Diff_c:           -1  0  0  0  1  0  0  0
Diff_f:            0  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  2  0  0  0  0
# Filtered pixels: 3  3  3  3  3  3  4  3
# Filtered P pix:  0  1  0  0  1  1  1  0
# Filtered Q pix:  1  0  1  1  0  0  1  1
FirstOffset:       1  0  1 -1  0  0  0  0
SecondOffset:      0  0  0  0  0  0  0  1
ThirdOffset:      -1  1 -1  0 -1 -1  0  0
FirstOffsetClip:   1  0  1 -1  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  1
ThirdOffsetClip:  -1  1 -1  0 -1 -1  0  0

Block 521:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:36 S11:24 S02:36 S12:54 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:45 S01:48 S11:47 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:24 S11:29 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:24 S11:36 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:52 S01:12 S11:73 S02:36 S12:37 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:37 S01:12 S11:47 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:44 S01:72 S11:63 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  4  2  3  3  3  2  2
Diff_de:          -1 -1 -1  1  1 -1  1 -1
Diff_c:            0  1  0  1 -1  0  0  0
Diff_f:            1 -1  0  0  0  1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  3  4  3  4  0
# Filtered pixels: 4  2  2  4  4  3  4  3
# Filtered P pix:  1  0  0  1  1  1  1  0
# Filtered Q pix:  1  0  0  1  1  0  1  1
FirstOffset:      -1 -1 -2  1  2 -1  1  0
SecondOffset:      0  0  0  1  1 -1  1  2
ThirdOffset:       1  0  0  0 -1  1 -1  0
FirstOffsetClip:  -1 -1 -2  1  2 -1  1  0
SecondOffsetClip:  0  0  0  1  1 -1  1  1
ThirdOffsetClip:   1  0  0  0 -1  1 -1  0

Block 522:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:18 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:12 S11:8 S02:24 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:37 S01:48 S11:52 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:72 S11:58 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:21 S01:36 S11:24 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:8 S01:60 S11:53 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:24 S01:24 S11:42 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:26 S01:24 S11:21 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  2  2  0  0  2  0
Diff_de:           1  1 -1 -1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  2  2  0  2  0
# Filtered pixels: 3  3  3  3  2  2  3  2
# Filtered P pix:  1  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  1  0  0  1  0
FirstOffset:       1  1 -1 -1  1  0 -1  0
SecondOffset:      1  0  1  1  0 -1  0 -1
ThirdOffset:       0  0  0  0  0  1  0 -1
FirstOffsetClip:   1  1 -1 -1  1  0 -1  0
SecondOffsetClip:  1  0  1  1  0 -1  0 -1
ThirdOffsetClip:   0  0  0  0  0  1  0 -1

Block 523:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:13 S01:60 S11:50 S02:12 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:60 S01:12 S11:70 S02:12 S12:18 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:44 S01:48 S11:45 S02:60 S12:70 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:0 S01:24 S11:31 S02:12 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:47 S01:24 S11:31 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:50 S01:48 S11:47 S02:36 S12:34 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:8 S01:24 S11:29 S02:48 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:34 S01:12 S11:18 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  2  2  0  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  1  0  0 -1 -2  0  1
SecondOffset:     -1  0  1 -1  0  0  1  0
ThirdOffset:       0 -1  1  0  1  0 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 524:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:0 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:24 S11:21 S02:24 S12:36 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:39 S01:24 S11:55 S02:12 S12:73 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:57 S01:0 S11:39 S02:60 S12:53 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:63 S01:48 S11:37 S02:12 S12:34 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:65 S01:0 S11:65 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:48 S11:42 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:36 S11:49 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  4  1  2  2  2  1  1
Diff_de:           0 -1  0  1  2  1  0  0
Diff_c:            0  1  1  0  0  0  0  0
Diff_f:            0 -1  0  0  0  0  1 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  3  3  3  3  3  2
# Filtered pixels: 3  4  4  3  3  3  3  3
# Filtered P pix:  1  1  1  1  0  1  0  0
# Filtered Q pix:  0  1  1  0  1  0  1  1
FirstOffset:       0 -2 -1  1  2  1 -1 -1
SecondOffset:      0 -1  0  1  0  1 -2 -1
ThirdOffset:      -1  1  1 -2 -1 -1  1  0
FirstOffsetClip:   0 -1 -1  1  1  1 -1 -1
SecondOffsetClip:  0 -1  0  1  0  1 -1 -1
ThirdOffsetClip:  -1  1  1 -1 -1 -1  1  0

Block 525:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:52 S01:0 S11:26 S02:48 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:36 S11:29 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:36 S11:39 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:26 S01:36 S11:50 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:65 S01:12 S11:8 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  3  0  3  2  1  2  2
Diff_de:          -1 -1  0 -1  0  0  0  1
Diff_c:           -1  0  0  0 -1 -1 -1  0
Diff_f:            1  1  0 -1  1  0 -1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  3  1  3  1  3
# Filtered pixels: 4  3  4  3  3  3  3  3
# Filtered P pix:  1  1  1  1  0  0  0  1
# Filtered Q pix:  1  0  1  0  1  1  1  0
FirstOffset:      -1 -1  0 -1  0  1  0  1
SecondOffset:      0 -1  0 -1 -1  0 -1  1
ThirdOffset:       1  2  0  0  1 -1 -1  1
FirstOffsetClip:  -1 -1  0 -1  0  1  0  1
SecondOffsetClip:  0 -1  0 -1 -1  0 -1  1
ThirdOffsetClip:   1  1  0  0  1 -1 -1  1

Block 526:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:24 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:12 S11:21 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:12 S11:34 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:24 S11:29 S02:12 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:8 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:58 S01:0 S11:26 S02:36 S12:44 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:53 S01:0 S11:0 S02:24 S12:21 ActOverall:0 Act1:3 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:31 S01:60 S11:50 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  0
Diff_de:           0  1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  0  3  3  0
# Filtered pixels: 2  3  3  2  3  3  3  3
# Filtered P pix:  0  0  0  0  1  1  1  0
# Filtered Q pix:  0  1  1  0  0  0  0  1
FirstOffset:       0  0  0  0  0 -2 -2  0
SecondOffset:     -1  0  0 -1  0 -1 -1 -1
ThirdOffset:      -1  0  0  0  1  0  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 527:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:49 S02:0 S12:65 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:26 S01:12 S11:8 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:44 S01:24 S11:36 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:47 S01:24 S11:26 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:63 S01:24 S11:16 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:39 S01:36 S11:34 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:34 S01:24 S11:62 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:37 S01:36 S11:24 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 4  1  1  3  3  2  2  3
Diff_de:          -1  0  0  1  2  0  0  1
Diff_c:            1  0 -1  0  1 -1  1 -1
Diff_f:            1  1  0 -2  0 -1 -1  0

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  1  2  4  3  2  2
# Filtered pixels: 4  4  4  3  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:      -1  0  0  1  2  1 -1  1
SecondOffset:      0  0 -1  0  2  0  0  0
ThirdOffset:       1  1  0 -2 -1 -1  0  0
FirstOffsetClip:  -1  0  0  1  2  1 -1  1
SecondOffsetClip:  0  0 -1  0  2  0  0  0
ThirdOffsetClip:   1  1  0 -2 -1 -1  0  0

Block 528:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:36 S01:24 S11:49 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:37 S01:12 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:36 S11:37 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:24 S11:26 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:49 S01:48 S11:52 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:39 S01:48 S11:37 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:24 S11:42 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:26 S01:60 S11:60 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  0  2  2  0
Diff_de:           0 -1  0 -1  0 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  2  3  0  2  3  0
# Filtered pixels: 3  4  2  3  3  3  3  2
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:       0 -1 -1 -1  0 -1  1  0
SecondOffset:      1 -1 -1 -1  1  1  0 -1
ThirdOffset:       0  1  0  1  0  0 -1 -1
FirstOffsetClip:   0 -1 -1 -1  0 -1  1  0
SecondOffsetClip:  1 -1 -1 -1  1  1  0 -1
ThirdOffsetClip:   0  1  0  1  0  0 -1 -1

Block 529:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:47 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:60 S11:40 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:24 S01:0 S11:26 S02:24 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:37 S01:12 S11:18 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:16 S01:36 S11:39 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:12 S11:34 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:36 S01:12 S11:8 S02:60 S12:45 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:32 S01:24 S11:16 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  2  2  0  2  0  2
Diff_de:           0  0 -1 -1  0 -1  0 -2
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  2  2  0  3
# Filtered pixels: 2  3  3  3  2  3  3  3
# Filtered P pix:  0  0  1  1  0  1  1  0
# Filtered Q pix:  0  1  0  0  0  0  0  1
FirstOffset:       0  1 -1 -1  1 -1  0 -2
SecondOffset:      1 -1 -1  0  0  0  0 -1
ThirdOffset:      -1  0  0  0  0  0  1  1
FirstOffsetClip:   0  1 -1 -1  1 -1  0 -1
SecondOffsetClip:  1 -1 -1  0  0  0  0 -1
ThirdOffsetClip:  -1  0  0  0  0  0  1  1

Block 530:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:26 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:24 S11:26 S02:48 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:12 S11:8 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:0 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:32 S01:24 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:72 S11:73 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:45 S01:12 S11:8 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  3  0  1  2  3  4
Diff_de:           0  1  1  0  0  1  1 -2
Diff_c:            1 -1  0  0  0  0  0 -1
Diff_f:            1 -1  1  0  1  0 -1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  0  0  4  3  4
# Filtered pixels: 3  3  4  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:       1  0  1  0  0  2  1 -2
SecondOffset:      1 -1  1  0  0  1  2 -1
ThirdOffset:       1 -1  0  0  0 -1 -1  1
FirstOffsetClip:   1  0  1  0  0  2  1 -2
```

```
SecondOffsetClip:  1 -1  1  0  0  1  1 -1
ThirdOffsetClip:   1 -1  0  0  0 -1 -1  1

Block 531:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:0 S01:24 S11:55 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:36 S11:34 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:24 S11:31 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:24 S11:26 S02:72 S12:68 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:37 S01:36 S11:24 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:0 S11:26 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:36 S11:29 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:65 S01:48 S11:37 S02:36 S12:34 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  2  3  4  1  3  2
Diff_de:           0  0  0 -1  1  0 -1  0
Diff_c:            1  1 -1  1 -1  0  1 -1
Diff_f:            0  1 -1  0  1  1  0 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  2  2  2  0  3  2
# Filtered pixels: 4  3  4  3  2  3  3  2
# Filtered P pix:  1  0  1  1  0  1  0  0
# Filtered Q pix:  1  1  1  0  0  0  1  0
FirstOffset:       0  0  0 -1  1  0 -1  1
SecondOffset:      1  1 -1  0  0  0  0 -1
ThirdOffset:       0  1 -1  2  0  1  1 -1
FirstOffsetClip:   0  0  0 -1  1  0 -1  1
SecondOffsetClip:  1  1 -1  0  0  0  0 -1
ThirdOffsetClip:   0  1 -1  1  0  1  1 -1

Block 532:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:32 S01:36 S11:39 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:37 S01:24 S11:21 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:18 S01:0 S11:13 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:12 S11:31 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:26 S01:0 S11:39 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:24 S11:21 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  3  0  2  0  2  3
Diff_de:           1  1 -1  0 -1  0  0 -1
Diff_c:            0  0 -1  0  0  0 -1  1
Diff_f:            0  0  0  0  0  0  1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  0  2  0  0  2
# Filtered pixels: 3  3  2  3  3  4  4  2
# Filtered P pix:  1  0  0  1  1  1  1  0
# Filtered Q pix:  0  1  0  0  0  1  1  0
FirstOffset:       1  2 -1  0 -1  0  0 -1
SecondOffset:      1  0 -1  0  0  0  0  0
ThirdOffset:       0 -1  0  1  0  0  0  0
FirstOffsetClip:   1  1 -1  0 -1  0  0 -1
SecondOffsetClip:  1  0 -1  0  0  0  0  0
ThirdOffsetClip:   0 -1  0  1  0  0  0  0

Block 533:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:18 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:60 S01:48 S11:37 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:36 S11:29 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:12 S11:31 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:24 S11:55 S02:24 S12:36 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:70 S01:36 S11:54 S02:48 S12:52 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:13 S01:24 S11:31 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  3  4  2  2  4  2
Diff_de:          -1  1  1  1  0  0 -1  0
Diff_c:           -1  1 -1 -1 -1  1  1 -1
Diff_f:            1 -1  0 -1 -1  1  1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  1  2  3  0  2  2  2
# Filtered pixels: 4  4  2  4  4  4  3  4
# Filtered P pix:  1  1  0  1  1  1  1  1
```

```
# Filtered Q pix:  1  1  0  1  1  1  0  1
FirstOffset:      -1  0  1  1  0  0 -1  0
SecondOffset:     -1  0 -1  0  0  1  0 -1
ThirdOffset:       1 -1 -2 -1  0  1  2  1
FirstOffsetClip:  -1  0  1  1  0  0 -1  0
SecondOffsetClip: -1  0 -1  0  0  1  0 -1
ThirdOffsetClip:   1 -1 -1 -1  0  1  1  1

Block 534:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:8 S01:48 S11:32 S02:60 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:60 S11:45 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:24 S01:12 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:13 S01:48 S11:32 S02:12 S12:18 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:63 S01:36 S11:54 S02:24 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:8 S01:12 S11:8 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:7 S0:13 S01:24 S11:26 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:37 S01:12 S11:18 S02:24 S12:16 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  2  0  2
Diff_de:           0 -1 -1  0  0 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  0  2  0  0  3
# Filtered pixels: 2  3  3  3  2  4  2  3
# Filtered P pix:  0  0  1  0  0  1  0  1
# Filtered Q pix:  0  1  0  1  0  1  0  0
FirstOffset:       0 -1 -1  0  2  0  0  1
SecondOffset:      1 -2  0  1  0  0 -1  1
ThirdOffset:      -1  1  0  0 -1  0 -1  0
FirstOffsetClip:   0 -1 -1  0  1  0  0  1
SecondOffsetClip:  1 -1  0  1  0  0 -1  1
ThirdOffsetClip:  -1  1  0  0 -1  0 -1  0

Block 535:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:18 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:24 S11:26 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:18 S01:12 S11:21 S02:12 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:12 S11:21 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:8 S01:36 S11:50 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:44 S01:24 S11:36 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:8 S01:0 S11:0 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  4  0  0  0
# Filtered pixels: 3  2  4  3  4  2  2  4
# Filtered P pix:  1  0  1  1  1  0  0  1
# Filtered Q pix:  0  0  1  0  1  0  0  1
FirstOffset:       0  0  0  0 -1  0  0  0
SecondOffset:      0  1  0  0 -1  1  1  0
ThirdOffset:      -1  1  0 -1  1 -1  1  0
FirstOffsetClip:   0  0  0  0 -1  0  0  0
SecondOffsetClip:  0  1  0  0 -1  1  1  0
ThirdOffsetClip:  -1  1  0 -1  1 -1  1  0

Block 536:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:55 S02:24 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:12 S11:57 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:24 S11:16 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:37 S01:24 S11:31 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:39 S01:60 S11:60 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:16 S01:0 S11:52 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:26 S01:36 S11:24 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:42 S01:24 S11:16 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  2  3  0  2
# Filtered pixels: 2  2  2  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0 -1  1 -1 -1  1  0  1
SecondOffset:      1 -1  1  0  1  1  1  0
ThirdOffset:      -1  1  0  0  1  0  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 537:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:26 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:24 S11:29 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:60 S11:45 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:48 S11:42 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:48 S11:45 S02:24 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:48 S11:47 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:12 S11:8 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  1  2  0  2  1  2  2
Diff_de:          -1  0 -1  0 -1  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0 -1  0  0  0  1  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  0  2  2  3  3
# Filtered pixels: 2  3  4  3  3  2  3  4
# Filtered P pix:  0  0  1  0  0  0  0  1
# Filtered Q pix:  0  1  1  1  1  0  1  1
FirstOffset:      -1  1 -1  0 -1  1  1 -1
SecondOffset:      0  1  0  1 -2  2 -1  0
ThirdOffset:       0 -1  0  0  0  0 -1  1
FirstOffsetClip:  -1  1 -1  0 -1  1  1 -1
SecondOffsetClip:  0  1  0  1 -1  1 -1  0
ThirdOffsetClip:   0 -1  0  0  0  0 -1  1

Block 538:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
```

```
Row:1 S0:42 S01:12 S11:18 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:0 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:24 S11:26 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:24 S11:36 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:60 S01:12 S11:8 S02:36 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:0 S01:12 S11:8 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:12 S11:31 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  2  3  1  3  0  2
Diff_de:           1  1  0 -1  0 -1  0  0
Diff_c:            0  0  1  0 -1  0  0 -1
Diff_f:            0 -1 -1  1  0  1  0  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  4  2  2  0  0
# Filtered pixels: 4  3  4  4  4  3  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  0  1  1  1  0  1  0
FirstOffset:       1  0  0 -1  1 -1  0  0
SecondOffset:      0  0  1 -1  0  0  0  0
ThirdOffset:      -1 -1  0  1  0  1  0  1
FirstOffsetClip:   1  0  0 -1  1 -1  0  0
SecondOffsetClip:  0  0  1 -1  0  0  0  0
ThirdOffsetClip:  -1 -1  0  1  0  1  0  1

Block 539:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:24 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:0 S11:52 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:8 S01:36 S11:29 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:4 S0:37 S01:36 S11:34 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:34 S01:36 S11:29 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:26 S01:12 S11:70 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:18 S01:12 S11:8 S02:36 S12:63 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:60 S01:0 S11:26 S02:36 S12:37 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
```

```
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  2  2  2  0  0
Diff_de:           0  1  0  1  1  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  2  0  0  3
# Filtered pixels: 2  3  3  2  2  2  2  3
# Filtered P pix:  0  1  0  0  0  0  0  1
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:       0  1  0  1  1  0  0  1
SecondOffset:     -1  1 -1  0  0  0  0  1
ThirdOffset:      -1 -1  0  0  0  0 -1 -1
FirstOffsetClip:   0  1  0  1  1  0  0  1
SecondOffsetClip: -1  1 -1  0  0  0  0  1
ThirdOffsetClip:  -1 -1  0  0  0  0 -1 -1

Block 540:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:45 S01:48 S11:37 S02:60 S12:40 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:37 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:24 S11:16 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:36 S11:24 S02:36 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:36 S01:12 S11:8 S02:36 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:18 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  1  2  1  2  1  3
Diff_de:          -1  1  0  0  0  0  0 -1
Diff_c:            1  0  1  1  0 -1 -1  0
Diff_f:            0  1  0  1 -1  1  0 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  1  2  3  0  0  3
# Filtered pixels: 2  4  4  2  3  3  4  3
# Filtered P pix:  0  1  1  0  1  1  1  1
# Filtered Q pix:  0  1  1  0  0  0  1  0
FirstOffset:      -2  1  0 -1 -1  0  0 -1
SecondOffset:      0  0  1  0 -1  0  0 -1
ThirdOffset:       0  0  0  1  0  1  0  0
FirstOffsetClip:  -2  1  0 -1 -1  0  0 -1
```

```
SecondOffsetClip:  0  0  1  0 -1  0  0 -1
ThirdOffsetClip:   0  0  0  1  0  1  0  0

Block 541:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:21 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:36 S11:37 S02:0 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:45 S01:36 S11:37 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:16 S01:0 S11:26 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:12 S11:73 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:31 S01:48 S11:42 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:48 S11:52 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:60 S01:24 S11:26 S02:24 S12:36 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  3  2  0  0  2
Diff_de:          -1  1  1  1  1  0  0  1
Diff_c:            0  0  0  1  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  4  4  0  0  2
# Filtered pixels: 3  3  2  4  4  2  3  2
# Filtered P pix:  1  0  0  1  1  0  0  0
# Filtered Q pix:  0  1  0  1  1  0  1  0
FirstOffset:      -1  1  2  1  1  0  0  1
SecondOffset:      0  0  0  1  1 -1 -1  1
ThirdOffset:      -1 -1  0 -1 -1 -1  0  0
FirstOffsetClip:  -1  1  1  1  1  0  0  1
SecondOffsetClip:  0  0  0  1  1 -1 -1  1
ThirdOffsetClip:  -1 -1  0 -1 -1 -1  0  0

Block 542:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:16 S01:24 S11:16 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:36 S11:37 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:36 S11:34 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:0 S11:26 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:0 S11:0 S02:36 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
```

```
Row:6 S0:24 S01:36 S11:37 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:24 S11:42 S02:60 S12:60 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:36 S11:37 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  3  3  0  3
# Filtered pixels: 2  2  2  3  3  3  2  3
# Filtered P pix:  0  0  0  1  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       1 -1  1  0  1  1  0 -1
SecondOffset:      1 -1  0  0  1  0  1 -1
ThirdOffset:      -1  0 -1  1 -1 -1 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 543:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:57 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:57 S01:12 S11:8 S02:72 S12:48 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:4
Row:3 S0:31 S01:0 S11:13 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:26 S01:12 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:13 S01:12 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:21 S01:12 S11:18 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:26 S01:12 S11:60 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:16 S01:48 S11:45 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 4  3  1  2  1  4  1  2
Diff_de:          -1  1  0  0  0 -1  0  0
Diff_c:            1  0  0  1  0 -1  0 -1
Diff_f:            1 -2 -2  1  2  2  1  1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  1  1  4  1  2
# Filtered pixels: 4  3  3  4  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  0
```

```
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:      -1  1  0  0  0 -1  0  1
SecondOffset:      0  0  0  0  0 -1  0 -1
ThirdOffset:       1 -2 -1  1  1  1  1  0
FirstOffsetClip:  -1  1  0  0  0 -1  0  1
SecondOffsetClip:  0  0  0  0  0 -1  0 -1
ThirdOffsetClip:   1 -2 -1  1  1  1  1  0

Block 544:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:0 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:0 S11:39 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:36 S02:0 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:70 S01:72 S11:68 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:37 S01:24 S11:21 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:32 S01:48 S11:47 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:36 S01:12 S11:47 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:29 S01:36 S11:44 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  1  3  2  3  3  0  2
Diff_de:           1  0  1 -1 -1  1  0  1
Diff_c:            0  0 -1  0  1  0  0  0
Diff_f:            0  1  0  0  0  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  2  3  2  0  2
# Filtered pixels: 4  3  3  2  3  2  4  2
# Filtered P pix:  1  1  0  0  0  0  1  0
# Filtered Q pix:  1  0  1  0  1  0  1  0
FirstOffset:       1  0  1 -1 -1  2  0  1
SecondOffset:      1  0  0 -2  0  0  0  0
ThirdOffset:      -1  1 -1 -1  1  0  0  0
FirstOffsetClip:   1  0  1 -1 -1  1  0  1
SecondOffsetClip:  1  0  0 -1  0  0  0  0
ThirdOffsetClip:  -1  1 -1 -1  1  0  0  0

Block 545:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:34 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:70 S01:36 S11:39 S02:60 S12:70 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:13 S01:48 S11:52 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:44 S01:0 S11:39 S02:12 S12:13 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:36 S01:72 S11:48 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:31 S01:24 S11:26 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:12 S11:18 S02:48 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:44 S01:12 S11:13 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  0  0  2  0
# Filtered pixels: 2  2  2  3  3  2  2  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:      -1 -1  0  0  0  0  1  0
SecondOffset:      0  0  1  0  2 -1  0  0
ThirdOffset:       0  2  0  0  0 -1  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 546:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:16 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:36 S11:39 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:12 S11:21 S02:12 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:34 S01:12 S11:18 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:34 S01:24 S11:36 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:12 S11:8 S02:48 S12:52 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:24 S11:21 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:55 S01:12 S11:8 S02:24 S12:26 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  3  2  2  2  2
# Filtered pixels: 2  2  2  3  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0  0  1  1 -1  1  1 -1
SecondOffset:     -1 -1  0  0 -1  0  0  0
ThirdOffset:      -1  1  0 -1  1 -2  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 547:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:48 S11:37 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:24 S01:24 S11:42 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:36 S11:29 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:12 S11:57 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:48 S11:32 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:31 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  4  3  1  2  2  2  4
Diff_de:           1 -1  1  0 -1  0  0 -1
Diff_c:            0 -1  0  1  0  1  1 -1
Diff_f:           -1  1 -1  0  0 -1 -1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  1  3  2  1  3
# Filtered pixels: 4  2  4  4  4  3  4  4
# Filtered P pix:  1  0  1  1  1  0  1  1
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:       1  0  1  0 -1 -1  0 -1
SecondOffset:      0 -1  0  1  0  1  0 -1
ThirdOffset:      -1  1 -1  0  1  0 -1  0
FirstOffsetClip:   1  0  1  0 -1 -1  0 -1
SecondOffsetClip:  0 -1  0  1  0  1  0 -1
ThirdOffsetClip:  -1  1 -1  0  1  0 -1  0

Block 548:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
```

```
Row:1 S0:37 S01:12 S11:8 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:26 S01:36 S11:24 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:29 S01:0 S11:26 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:0 S11:39 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:0 S11:13 S02:12 S12:21 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:6 S0:13 S01:60 S11:60 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:24 S01:12 S11:31 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:48 S11:42 S02:48 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  3  2  2  2  0  3  2
Diff_de:           1 -1  1 -1 -1  0  1  1
Diff_c:            0  1  0  0  0  0  0  0
Diff_f:           -1  0  0  0  0  0 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  4  4  0  3  2
# Filtered pixels: 3  3  4  4  4  3  4  2
# Filtered P pix:  1  0  1  1  1  0  1  0
# Filtered Q pix:  0  1  1  1  1  1  1  0
FirstOffset:       1  0  1 -1 -1  0  1  1
SecondOffset:      0  1  1 -1 -1 -1  0 -1
ThirdOffset:      -1  0 -1  1  1  0 -1  1
FirstOffsetClip:   1  0  1 -1 -1  0  1  1
SecondOffsetClip:  0  1  1 -1 -1 -1  0 -1
ThirdOffsetClip:  -1  0 -1  1  1  0 -1  1

Block 549:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:52 S01:48 S11:52 S02:12 S12:31 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:50 S01:48 S11:47 S02:12 S12:34 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:47 S01:12 S11:34 S02:48 S12:62 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:36 S01:12 S11:31 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:57 S01:48 S11:47 S02:60 S12:50 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:40 S01:60 S11:50 S02:12 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:57 S01:60 S11:60 S02:0 S12:65 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:8 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  2  2  3  0
# Filtered pixels: 2  2  2  2  2  2  3  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  1
FirstOffset:      -1 -2  1  0 -1 -2 -1  0
SecondOffset:     -2  0  0  0 -2  0 -2 -1
ThirdOffset:       0  1  1 -1 -1  1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 550:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:44 S01:12 S11:47 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:44 S01:12 S11:47 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:49 S01:24 S11:49 S02:72 S12:53 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:36 S11:39 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:0 S11:78 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:57 S01:12 S11:13 S02:60 S12:40 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:26 S01:36 S11:24 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:60 S01:0 S11:13 S02:60 S12:65 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  2  0  2  2
Diff_de:           0  0  0  0  1  0  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  0  3  0  3
# Filtered pixels: 4  4  2  3  4  3  2  3
# Filtered P pix:  1  1  0  0  1  1  0  1
# Filtered Q pix:  1  1  0  1  1  0  0  0
FirstOffset:       0  0  0  0  0 -1  0  1
SecondOffset:      0  0  1  1  0 -1 -1  1
ThirdOffset:       0  0  2  0  0 -1 -1  1
FirstOffsetClip:   0  0  0  0  0 -1  0  1
```

```
SecondOffsetClip:  0  0  1  1  0 -1 -1  1
ThirdOffsetClip:   0  0  1  0  0 -1 -1  1

Block 551:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:52 S01:36 S11:44 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:24 S11:29 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:24 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:48 S11:45 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:24 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:48 S11:37 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  3  4  1  0  1
Diff_de:           1  0  1 -1  1  0  0  0
Diff_c:            0  0  1  0  1 -1  0 -1
Diff_f:            0 -1  0 -1 -1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  4  2  0  1  0  1
# Filtered pixels: 3  4  4  3  3  4  3  4
# Filtered P pix:  0  1  1  0  0  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  0  1 -1  0  0  0  0
SecondOffset:      0 -1  1 -2  1 -1  1 -1
ThirdOffset:      -1 -1 -1  0  0  0  0  0
FirstOffsetClip:   1  0  1 -1  0  0  0  0
SecondOffsetClip:  0 -1  1 -1  1 -1  1 -1
ThirdOffsetClip:  -1 -1 -1  0  0  0  0  0

Block 552:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:36 S02:12 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:29 S01:24 S11:21 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:8 S01:36 S11:24 S02:48 S12:52 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:24 S01:0 S11:52 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:37 S01:24 S11:42 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:29 S01:12 S11:13 S02:12 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:37 S01:60 S11:60 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:0 S11:13 S02:12 S12:13 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  2
Diff_de:           0  0  0  1  0  0 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  2  2  3  3
# Filtered pixels: 2  2  2  3  2  2  3  3
# Filtered P pix:  0  0  0  1  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:      -1 -1  0  1  1  1 -1  1
SecondOffset:      0  0 -1  1  1  1  1  1
ThirdOffset:       0  0  1  0 -1 -1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 553:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:55 S01:36 S11:39 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:31 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:24 S11:42 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:24 S11:16 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:60 S11:53 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:47 S01:60 S11:65 S02:36 S12:50 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:24 S01:48 S11:42 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:36 S11:37 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  0  1  2  3  3  4  3
Diff_de:           1  0  0  1  1 -1  1  1
Diff_c:           -1  0 -1  0  1  0 -1 -1
Diff_f:            0  0  0  0  0  1  1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  2  0  3  2  2
# Filtered pixels: 4  4  3  4  3  3  3  4
# Filtered P pix:  1  1  1  1  0  0  0  1
```

```
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:       1  0  0  1  0 -1  1  1
SecondOffset:      0  0 -1  0  1  1 -1  0
ThirdOffset:      -1  0  1  0  0  1  0  0
FirstOffsetClip:   1  0  0  1  0 -1  1  1
SecondOffsetClip:  0  0 -1  0  1  1 -1  0
ThirdOffsetClip:  -1  0  1  0  0  1  0  0

Block 554:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:32 S01:12 S11:31 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:31 S01:24 S11:36 S02:48 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:24 S11:55 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:60 S11:40 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:0 S01:12 S11:13 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:12 S11:34 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:0 S11:26 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:29 S01:24 S11:31 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  2  2  2  0  2  1
Diff_de:           2  0  0 -1  0  0  1  0
Diff_c:            0  1  1  0 -1  0  0 -1
Diff_f:            0  0 -1  0 -1  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  0  3  0  0  4  3
# Filtered pixels: 4  2  2  3  3  4  4  3
# Filtered P pix:  1  0  0  0  1  1  1  0
# Filtered Q pix:  1  0  0  1  0  1  1  1
FirstOffset:       2  0  0 -1  0  0  1 -1
SecondOffset:      1  1  1  1  0  0  1 -1
ThirdOffset:      -1  1 -1  1 -1  0 -1  1
FirstOffsetClip:   1  0  0 -1  0  0  1 -1
SecondOffsetClip:  1  1  1  1  0  0  1 -1
ThirdOffsetClip:  -1  1 -1  1 -1  0 -1  1

Block 555:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:42 S01:60 S11:55 S02:12 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:44 S01:12 S11:47 S02:36 S12:49 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:8 S01:24 S11:16 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:24 S01:24 S11:31 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:12 S11:34 S02:36 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:13 S01:12 S11:8 S02:36 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:40 S01:72 S11:48 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  2  4  3  3  1  2
Diff_de:          -1  0  0  1  1 -1  0  1
Diff_c:            0  0 -1 -1  1  0  0  0
Diff_f:            0  1 -1 -1  0 -1  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  3  0  0  3
# Filtered pixels: 3  3  4  4  3  3  3  3
# Filtered P pix:  0  1  1  1  0  1  1  0
# Filtered Q pix:  1  0  1  1  1  0  0  1
FirstOffset:      -1  0  0  1  1  0  0  2
SecondOffset:      1  0 -1  0  1  0  0 -1
ThirdOffset:       0  1 -1 -1 -1 -1  1 -1
FirstOffsetClip:  -1  0  0  1  1  0  0  2
SecondOffsetClip:  1  0 -1  0  1  0  0 -1
ThirdOffsetClip:   0  1 -1 -1 -1 -1  1 -1

Block 556:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:16 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:48 S11:32 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:42 S01:0 S11:39 S02:12 S12:73 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:36 S11:34 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:29 S01:12 S11:34 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:24 S11:62 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:48 S11:57 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  2  2  1  4  1  4
Diff_de:          -1 -1 -1 -1  0 -1  0 -1
Diff_c:           -1 -1  0  0 -1 -1 -1  1
Diff_f:            1  0  0  0  0 -1  0  1
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  4  2  0  3  1  2
# Filtered pixels: 4  3  4  4  3  4  4  2
# Filtered P pix:  1  0  1  1  0  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:       0 -1 -1 -1  0 -1  0 -1
SecondOffset:     -1 -2 -1  0 -1 -1 -1  1
ThirdOffset:       1  1  1  0  0  0  0  1
FirstOffsetClip:   0 -1 -1 -1  0 -1  0 -1
SecondOffsetClip: -1 -1 -1  0 -1 -1 -1  1
ThirdOffsetClip:   1  1  1  0  0  0  0  1

Block 557:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:44 S02:60 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:36 S01:12 S11:34 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:0 S11:39 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:0 S11:52 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:48 S11:57 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:21 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:63 S01:12 S11:21 S02:72 S12:73 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  1  1  1  1  2  0  2
Diff_de:          -1  0  0  0  0  0  0 -1
Diff_c:           -1  0  1  1  0  1  0  0
Diff_f:            1  1  0  0 -1 -1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  0  0  1  0  0  3
# Filtered pixels: 3  4  4  4  4  2  4  3
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:       0  0  0  0  0  0  0 -2
SecondOffset:     -1  0  0  0  0  1  0 -1
ThirdOffset:       1  1  0  0 -1 -1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0 -2
SecondOffsetClip: -1  0  0  0  0  1  0 -1
ThirdOffsetClip:   1  1  0  0 -1 -1  0 -1

Block 558:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:0 S11:52 S02:24 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:8 S01:24 S11:42 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:55 S01:12 S11:18 S02:36 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:39 S01:24 S11:21 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:36 S11:29 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:6 S0:70 S01:0 S11:26 S02:72 S12:48 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:57 S01:0 S11:0 S02:0 S12:39 ActOverall:0 Act1:3 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
Row:8 S0:32 S01:24 S11:36 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  2  0  0  0
Diff_de:           0  0  1  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  0  3  4  2
# Filtered pixels: 3  3  2  2  2  3  4  2
# Filtered P pix:  1  0  0  0  0  1  1  0
# Filtered Q pix:  0  1  0  0  0  0  1  0
FirstOffset:       0  0  1  1  0 -1 -1 -2
SecondOffset:      0 -1  0  0  1 -1 -1 -1
ThirdOffset:       1  0  0 -2  0 -1  1  1
FirstOffsetClip:   0  0  1  1  0 -1 -1 -1
SecondOffsetClip:  0 -1  0  0  1 -1 -1 -1
ThirdOffsetClip:   1  0  0 -1  0 -1  1  1

Block 559:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:48 S11:45 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:55 S01:24 S11:16 S02:12 S12:57 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:39 S01:12 S11:34 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:57 S01:24 S11:26 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:31 S01:12 S11:21 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:21 S01:36 S11:44 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:39 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:65 S01:12 S11:47 S02:24 S12:49 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  3  1  1  0  3  0  2
Diff_de:           0  1  0  0  0 -1  0 -1
Diff_c:            0  1  0  1  0  0  0  0
Diff_f:            0  0  1  0  0  1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  4  0  3  3  2
# Filtered pixels: 2  4  4  4  4  3  3  4
# Filtered P pix:  0  1  1  1  1  0  1  1
# Filtered Q pix:  0  1  1  1  1  1  0  1
FirstOffset:       0  1  1  1  0 -1  1 -1
SecondOffset:     -1  1  0  1  0  0  1  0
ThirdOffset:       1  0  0 -1  0  1  0  0
FirstOffsetClip:   0  1  1  1  0 -1  1 -1
SecondOffsetClip: -1  1  0  1  0  0  1  0
ThirdOffsetClip:   1  0  0 -1  0  1  0  0

Block 560:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:29 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:36 S01:12 S11:13 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:44 S01:24 S11:26 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:24 S11:21 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:12 S11:31 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:24 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:24 S01:48 S11:32 S02:60 S12:40 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  1  3  1  2  3  4
Diff_de:           1  0  0  1  0  0 -1 -1
Diff_c:            1 -1 -1 -1  1  1  0  1
Diff_f:           -1  1  0  0  0 -1  1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  2  2  2  3  2
# Filtered pixels: 3  3  4  4  4  4  4  2
# Filtered P pix:  0  1  1  1  1  1  1  0
# Filtered Q pix:  1  0  1  1  1  1  1  0
FirstOffset:       1  0  0  1 -1  0 -1 -1
SecondOffset:      1  0 -1  0  0  1  0  1
ThirdOffset:      -1  1  0  0  0 -1  1 -1
FirstOffsetClip:   1  0  0  1 -1  0 -1 -1
```

```
SecondOffsetClip:  1  0 -1  0  0  1  0  1
ThirdOffsetClip:  -1  1  0  0  0 -1  1 -1

Block 561:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:18 S01:60 S11:50 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:12 S11:18 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:24 S11:42 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:36 S01:12 S11:8 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:0 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:0 S11:26 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  1  1  3  2  0  0
Diff_de:           0  0  0  0  1  0  0  0
Diff_c:            1 -1  0  0  1 -1  0  0
Diff_f:            0 -1  1 -1  0  1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  1  2  4  1  0  0
# Filtered pixels: 3  4  4  4  4  4  4  4
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  0  0  1  0  0  0
SecondOffset:      1 -1  0  1  1  0  0  0
ThirdOffset:       0 -1  1 -1 -1  1  0  0
FirstOffsetClip:   0  0  0  0  1  0  0  0
SecondOffsetClip:  1 -1  0  1  1  0  0  0
ThirdOffsetClip:   0 -1  1 -1 -1  1  0  0

Block 562:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:45 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:29 S01:24 S11:16 S02:12 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:36 S11:34 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:60 S01:0 S11:52 S02:36 S12:24 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:5 S0:29 S01:12 S11:13 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:39 S01:12 S11:8 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:36 S11:37 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:36 S11:50 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  2  0  0
Diff_de:           0  0  0  0 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  3  3  2  0  0
# Filtered pixels: 2  2  2  3  3  2  2  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       0  1 -1 -1 -1 -1  0  0
SecondOffset:     -1  0  0 -1  0  0 -1  1
ThirdOffset:       0  0  0  0  1  0 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 563:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:21 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:36 S01:12 S11:13 S02:72 S12:63 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:48 S11:32 S02:48 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:24 S11:16 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:0 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:48 S11:37 S02:36 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:24 S11:29 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:18 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  0  2  2  1  2  2  4
Diff_de:           0  0  0  0  0  0  0  1
Diff_c:            1  0 -1  1  0 -1  1  1
Diff_f:           -1  0 -1  1  1  1  1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  1  1  2  1  0
# Filtered pixels: 3  3  2  4  4  2  3  3
# Filtered P pix:  1  1  0  1  1  0  1  1
```

```
# Filtered Q pix:  0  0  0  1  1  0  0  0
FirstOffset:      -1  0  0  0  0  1  0  0
SecondOffset:      0  0 -1  1  0 -1  1  0
ThirdOffset:      -1  2 -1  0  1  0  1 -1
FirstOffsetClip:  -1  0  0  0  0  1  0  0
SecondOffsetClip:  0  0 -1  1  0 -1  1  0
ThirdOffsetClip:  -1  1 -1  0  1  0  1 -1

Block 564:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:24 S02:60 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:24 S11:49 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:54 S01:36 S11:49 S02:72 S12:73 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:12 S11:18 S02:24 S12:31 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:47 S01:0 S11:39 S02:12 S12:60 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:57 S01:0 S11:65 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:21 S01:12 S11:60 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:36 S11:34 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  2  2  0  0
Diff_de:           0  0  0 -1 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  3  3  2  0
# Filtered pixels: 2  3  2  3  4  4  4  2
# Filtered P pix:  0  0  0  1  1  1  1  0
# Filtered Q pix:  0  1  0  0  1  1  1  0
FirstOffset:       0  1  0 -1 -1 -1  1  0
SecondOffset:     -1  0  1 -1 -1 -1  0  1
ThirdOffset:       1 -1  2  0  0  0  0 -1
FirstOffsetClip:   0  1  0 -1 -1 -1  1  0
SecondOffsetClip: -1  0  1 -1 -1 -1  0  1
ThirdOffsetClip:   1 -1  1  0  0  0  0 -1

Block 565:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:0 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:0 S11:26 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:42 S01:12 S11:13 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:29 S01:12 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:12 S11:8 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:12 S11:18 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:47 S01:12 S11:34 S02:36 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  3  3  2  3  2  1  3
Diff_de:           0 -1  1  1 -1  1  0  1
Diff_c:           -1  0  0  0 -1  0  1  0
Diff_f:            0  1  1  0  0  0  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 1  4  3  3  3  3  0  2
# Filtered pixels: 4  4  3  4  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:       0 -1  1  1 -1  1  0  1
SecondOffset:     -1 -1  1  0 -1  0  0  0
ThirdOffset:       0  1  0 -1  0 -1  0  0
FirstOffsetClip:   0 -1  1  1 -1  1  0  1
SecondOffsetClip: -1 -1  1  0 -1  0  0  0
ThirdOffsetClip:   0  1  0 -1  0 -1  0  0

Block 566:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:8 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:36 S11:29 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:12 S11:31 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:0 S11:65 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:60 S11:55 S02:12 S12:34 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:24 S01:24 S11:31 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:60 S11:50 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:48 S11:42 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  4  1  1  0  3  3  1
Diff_de:           0 -1  0  0  0  1  1  0
Diff_c:            0 -1  1  0  0 -1  0  0
Diff_f:            0  1  0  1  0  0  1 -1
```

```
'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  0  1  3  2  2  1
# Filtered pixels: 4  3  3  4  3  3  3  3
# Filtered P pix:  1  0  1  1  0  1  0  0
# Filtered Q pix:  1  1  0  1  1  0  1  1
FirstOffset:       0  0  0  0  1  1  1  0
SecondOffset:      0 -1  0  0 -1  0 -1  1
ThirdOffset:      -1  1 -1  1 -1  1  0 -1
FirstOffsetClip:   0  0  0  0  1  1  1  0
SecondOffsetClip:  0 -1  0  0 -1  0 -1  1
ThirdOffsetClip:  -1  1 -1  1 -1  1  0 -1

Block 567:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:37 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:2 S0:60 S01:36 S11:34 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:12 S11:44 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:44 S01:60 S11:50 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:36 S11:39 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:39 S01:24 S11:29 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:0 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:34 S01:12 S11:18 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:          -1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  0  2  0  2
# Filtered pixels: 3  2  3  3  3  2  3  3
# Filtered P pix:  0  0  1  0  0  0  1  1
# Filtered Q pix:  1  0  0  1  1  0  0  0
FirstOffset:       0 -1  0  0  0 -1  0  1
SecondOffset:      1  0  0  1  1  0  0  0
ThirdOffset:       0  1  1  0  0  2  1  0
FirstOffsetClip:   0 -1  0  0  0 -1  0  1
SecondOffsetClip:  1  0  0  1  1  0  0  0
ThirdOffsetClip:   0  1  1  0  0  1  1  0

Block 568:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:29 S01:0 S11:39 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:57 S01:24 S11:49 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:0 S11:39 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:0 S01:48 S11:42 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:6 S0:21 S01:12 S11:44 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:26 S01:48 S11:45 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:24 S01:12 S11:13 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  0  0  2  0  2
Diff_de:           1  0  0  0  0  1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  0  0  0  2  0  4
# Filtered pixels: 4  2  4  2  4  3  2  4
# Filtered P pix:  1  0  1  0  1  1  0  1
# Filtered Q pix:  1  0  1  0  1  0  0  1
FirstOffset:       1  1  0  0  0  1  0  1
SecondOffset:      1  1  0 -1  0  0  1  1
ThirdOffset:      -1  0  0  1  0  1 -1 -1
FirstOffsetClip:   1  1  0  0  0  1  0  1
SecondOffsetClip:  1  1  0 -1  0  0  1  1
ThirdOffsetClip:  -1  0  0  1  0  1 -1 -1

Block 569:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:34 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:0 S11:26 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:0 S11:39 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:24 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:60 S01:24 S11:16 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:0 S01:12 S11:13 S02:48 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:24 S11:26 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:47 S01:36 S11:54 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  4  2  4  3  2  2  4
Diff_de:          -1 -1 -1  1 -1  0  0 -1
Diff_c:            0 -1  0  1 -1 -1 -1  1
Diff_f:           -1 -1  0  1  0 -1 -1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  3  3  0  2  2
# Filtered pixels: 3  4  3  4  3  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  1  0  1  0  0  1  1
FirstOffset:      -1 -1 -1  1 -1  0  0 -1
SecondOffset:      0 -1 -1  1 -1  0 -1  0
ThirdOffset:      -1  0 -1  0 -1 -1 -1  0
FirstOffsetClip:  -1 -1 -1  1 -1  0  0 -1
SecondOffsetClip:  0 -1 -1  1 -1  0 -1  0
ThirdOffsetClip:  -1  0 -1  0 -1 -1 -1  0

Block 570:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:34 S02:24 S12:49 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:12 S11:47 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:58 S01:36 S11:49 S02:48 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:12 S11:31 S02:60 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:12 S11:13 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:24 S11:16 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:52 S01:0 S11:52 S02:24 S12:62 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 3  3  2  0  0  2  3  0
Diff_de:           1  1  1  0  0  0  1  0
Diff_c:            0  0  0  0  0 -1 -1  0
Diff_f:            1  1  0  0  0  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  4  2  0  2  3
# Filtered pixels: 3  3  2  4  3  3  3  3
# Filtered P pix:  1  1  0  1  1  1  0  1
# Filtered Q pix:  0  0  0  1  0  0  1  0
FirstOffset:       1  2  2  1  1  0  1  1
SecondOffset:      1  1  0  1  0  0  0  1
ThirdOffset:       0 -1  0 -1  1  1  0 -1
FirstOffsetClip:   1  1  1  1  1  0  1  1
```

```
SecondOffsetClip:  1  1  0  1  0  0  0  1
ThirdOffsetClip:   0 -1  0 -1  1  1  0 -1

Block 571:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:49 S01:48 S11:32 S02:48 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:37 S01:12 S11:18 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:0 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:4 S0:45 S01:48 S11:32 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:24 S11:16 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:24 S11:42 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:70 S01:36 S11:24 S02:72 S12:68 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:24 S01:24 S11:26 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  0
Diff_de:           0  1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  2  0  2  2
# Filtered pixels: 2  4  3  2  3  3  2  2
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  0  1  1  0  1  1  0  0
FirstOffset:       0  1  0  2  1  0  1 -1
SecondOffset:     -1  0 -1  0  1 -1  0  0
ThirdOffset:      -1 -1  0  0  0  0 -2  0
FirstOffsetClip:   0  1  0  1  1  0  1 -1
SecondOffsetClip: -1  0 -1  0  1 -1  0  0
ThirdOffsetClip:  -1 -1  0  0  0  0 -1  0

Block 572:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:36 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:44 S01:12 S11:21 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:36 S01:60 S11:50 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:42 S01:0 S11:26 S02:24 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:52 S01:48 S11:52 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:37 S01:36 S11:29 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:24 S11:26 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:24 S11:29 S02:24 S12:36 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  0  0  3  2  2  1  4
Diff_de:           1  0  0 -1  1  1  0 -1
Diff_c:           -1  0  0  0  0  0 -1  1
Diff_f:            0  0  0  1  0  0  0  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  3  3  2  0  2
# Filtered pixels: 2  3  2  3  3  3  2  2
# Filtered P pix:  0  1  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  1  0  0
FirstOffset:       1  0  0 -1  1  1  0 -1
SecondOffset:      0  0 -1 -1 -1  0 -1  0
ThirdOffset:       1 -1 -1  1 -1  0 -1  1
FirstOffsetClip:   1  0  0 -1  1  1  0 -1
SecondOffsetClip:  0  0 -1 -1 -1  0 -1  0
ThirdOffsetClip:   1 -1 -1  1 -1  0 -1  1

Block 573:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:16 S01:36 S11:37 S02:24 S12:55 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:24 S11:16 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:39 S01:12 S11:8 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:39 S01:36 S11:24 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:24 S11:26 S02:36 S12:34 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:0 S11:13 S02:60 S12:40 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:55 S01:36 S11:34 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:53 S01:72 S11:53 S02:0 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  3  3  1  2  3  2
Diff_de:          -1  1  1  1  0 -1  1  2
Diff_c:            0 -1  0 -1 -1  0  0  0
Diff_f:            1  0  1  0  0  0  1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  2  0  3  2  3
# Filtered pixels: 2  3  3  2  2  3  2  3
# Filtered P pix:  0  0  1  0  0  1  0  0
```

```
# Filtered Q pix:  0  1  0  0  0  0  0  1
FirstOffset:      -1  1  1  1  0 -1  1  2
SecondOffset:      0  0  1  0 -1 -1  1 -1
ThirdOffset:       1 -1  0 -1  1 -1  0 -1
FirstOffsetClip:  -1  1  1  1  0 -1  1  1
SecondOffsetClip:  0  0  1  0 -1 -1  1 -1
ThirdOffsetClip:   1 -1  0 -1  1 -1  0 -1

Block 574:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:21 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:24 S01:12 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:0 S11:52 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:12 S11:31 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:36 S11:29 S02:36 S12:29 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:16 S01:12 S11:31 S02:36 S12:49 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:60 S11:65 S02:24 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:0 S01:36 S11:29 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  2  1  4  2  1  2
Diff_de:           1 -1  1  0 -1  1  0  0
Diff_c:            1  0  0  0  1  0  0  1
Diff_f:            0  1  0 -1 -1  0 -1 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  1  2  2  1  0
# Filtered pixels: 4  4  3  4  2  3  3  3
# Filtered P pix:  1  1  1  1  0  1  0  0
# Filtered Q pix:  1  1  0  1  0  0  1  1
FirstOffset:       1 -1  1  0 -1  1  0  0
SecondOffset:      1  0  1  0  0  0  1  1
ThirdOffset:       0  1 -1 -1  0  0 -1  0
FirstOffsetClip:   1 -1  1  0 -1  1  0  0
SecondOffsetClip:  1  0  1  0  0  0  1  1
ThirdOffsetClip:   0  1 -1 -1  0  0 -1  0

Block 575:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:16 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:68 S01:36 S11:29 S02:24 S12:42 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:36 S11:24 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:24 S11:55 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:12 S11:18 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:0 S01:72 S11:63 S02:72 S12:68 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:24 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:12 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  4  2  3  3  2  1  0
Diff_de:          -1 -1  0  1  1  1  0  0
Diff_c:           -1  1 -1  1  0  0 -1  0
Diff_f:            0  1 -1  0 -1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  4  3  0  1  0
# Filtered pixels: 4  3  3  4  4  2  4  4
# Filtered P pix:  1  0  0  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:      -1 -2  0  1  1  0  0  0
SecondOffset:     -1  0 -1  1  0 -2 -1  0
ThirdOffset:       0  2 -1 -1 -1  2  0  0
FirstOffsetClip:  -1 -1  0  1  1  0  0  0
SecondOffsetClip: -1  0 -1  1  0 -1 -1  0
ThirdOffsetClip:   0  1 -1 -1 -1  1  0  0

Block 576:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:29 S01:0 S11:0 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:0 S11:39 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:12 S11:13 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:39 S01:48 S11:52 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:37 S01:24 S11:42 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:21 S01:48 S11:42 S02:48 S12:52 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:60 S11:65 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:36 S11:24 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  2  3  3  0  0  3
Diff_de:           1  0 -1 -1  1  0  0  1
Diff_c:            1  0  0  0  1  0  0  1
Diff_f:            0  1  0 -1  0  0  0  0
```

```
'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  2  4  2  1  0
# Filtered pixels: 4  4  4  2  4  2  3  3
# Filtered P pix:  1  1  1  0  1  0  0  0
# Filtered Q pix:  1  1  1  0  1  0  1  1
FirstOffset:       1  0 -1 -1  1  1  0  0
SecondOffset:      1  0  0 -2  1 -1  1  1
ThirdOffset:      -1  0  1  0 -1  1  1  0
FirstOffsetClip:   1  0 -1 -1  1  1  0  0
SecondOffsetClip:  1  0  0 -1  1 -1  1  1
ThirdOffsetClip:  -1  0  1  0 -1  1  1  0

Block 577:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:0 S01:24 S11:26 S02:12 S12:73 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:36 S11:44 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:36 S11:39 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:57 S01:24 S11:49 S02:36 S12:54 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:50 S01:24 S11:49 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  4  3  2  4  4  3
Diff_de:           0  0 -1 -1  0 -1  1  2
Diff_c:            1  1  1  0  1 -1 -1 -1
Diff_f:            0  0  1  1  1  1 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  3  4  1  1  2  4
# Filtered pixels: 4  3  4  4  3  4  3  4
# Filtered P pix:  1  0  1  1  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:       0  0 -1 -1  0  0  1  2
SecondOffset:      1  1  0 -1  1  0  0  1
ThirdOffset:       0  0  1  1  1  1 -1 -1
FirstOffsetClip:   0  0 -1 -1  0  0  1  2
SecondOffsetClip:  1  1  0 -1  1  0  0  1
ThirdOffsetClip:   0  0  1  1  1  1 -1 -1

Block 578:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
```

```
Row:1 S0:31 S01:12 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:0 S11:65 S02:36 S12:24 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:8 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:12 S11:31 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:36 S11:29 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:36 S11:49 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:0 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:47 S01:24 S11:21 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  2  2  2  2  2  3
Diff_de:           0  2  0  0  0  0 -1  1
Diff_c:            0  0 -1 -1 -1  1  0  0
Diff_f:            1  0  1 -1 -1 -1  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  1  1  2  2  4  3
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  2  0  0  0  0 -1  1
SecondOffset:      0  1  0  0 -1  1 -1  0
ThirdOffset:       1  0  1 -1 -1 -1  1 -1
FirstOffsetClip:   0  2  0  0  0  0 -1  1
SecondOffsetClip:  0  1  0  0 -1  1 -1  0
ThirdOffsetClip:   1  0  1 -1 -1 -1  1 -1

Block 579:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:29 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:18 S01:0 S11:26 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:0 S01:36 S11:34 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:36 S11:34 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:36 S11:34 S02:12 S12:70 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:44 S01:48 S11:57 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:36 S01:36 S11:39 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:13 S02:24 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  3
Diff_de:           0  0  0  1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  0  0  3
# Filtered pixels: 2  3  3  2  3  3  2  3
# Filtered P pix:  0  1  0  0  0  0  0  1
# Filtered Q pix:  0  0  1  0  1  1  0  0
FirstOffset:       0  0  0  1  0  0  0 -1
SecondOffset:     -1  0  1  0  1  1 -1 -1
ThirdOffset:       1  1  0  0  0  0 -1  1
FirstOffsetClip:   0  0  0  1  0  0  0 -1
SecondOffsetClip: -1  0  1  0  1  1 -1 -1
ThirdOffsetClip:   1  1  0  0  0  0 -1  1

Block 580:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:8 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:36 S01:12 S11:47 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:36 S11:49 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:24 S01:36 S11:24 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:24 S11:16 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:36 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:12 S11:31 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:26 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  1  3  3  2  1  2  4
Diff_de:           0  0  1 -1  0  0  0 -1
Diff_c:            0  0 -1  1  1 -1  1 -1
Diff_f:            0 -1  0  0 -1  0 -1  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  3  1  0  0  1
# Filtered pixels: 4  3  2  3  3  3  3  3
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  1  0  0  1  0  1  0  0
FirstOffset:       0  0  0 -1  0  0  0  0
SecondOffset:      0  0 -1  0  1 -1  0 -1
ThirdOffset:       0 -1  1  1 -1  0 -1  1
FirstOffsetClip:   0  0  0 -1  0  0  0  0
```

```
SecondOffsetClip:  0  0 -1  0  1 -1  0 -1
ThirdOffsetClip:   0 -1  1  1 -1  0 -1  1

Block 581:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:29 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:48 S11:32 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:57 S01:60 S11:55 S02:12 S12:57 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:57 S01:0 S11:0 S02:24 S12:31 ActOverall:0 Act1:3 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:5 S0:34 S01:24 S11:55 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:8 S01:48 S11:47 S02:24 S12:31 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:48 S11:37 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:60 S01:24 S11:16 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  3  0  0  2
# Filtered pixels: 2  3  2  3  3  2  2  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  1  0  0  1  0  0  0
FirstOffset:       1  0 -1  1 -1  0  0  1
SecondOffset:      0 -1  1  1  0  1 -1  1
ThirdOffset:      -1  0  1 -1  1 -1 -1  1
FirstOffsetClip:   1  0 -1  1 -1  0  0  1
SecondOffsetClip:  0 -1  1  1  0  1 -1  1
ThirdOffsetClip:  -1  0  1 -1  1 -1 -1  1

Block 582:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:60 S01:24 S11:31 S02:72 S12:53 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:78 S01:60 S11:65 S02:72 S12:58 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:36 S01:24 S11:31 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:48 S11:62 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:47 S01:48 S11:57 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:12 S11:18 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:34 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  2  2  4  4  3  3
Diff_de:          -1 -1  1  0  1 -1  1 -1
Diff_c:           -1 -1  0  1  1  1  1  0
Diff_f:           -1 -1  0  1 -1  1  0  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  3  3  3  3
# Filtered pixels: 4  3  2  4  3  3  4  4
# Filtered P pix:  1  1  0  1  0  0  1  1
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:      -1 -1  1  0  1 -1  1 -1
SecondOffset:     -1 -1 -1  1  2  1  1  0
ThirdOffset:       0 -1 -2  1 -1  1  0  1
FirstOffsetClip:  -1 -1  1  0  1 -1  1 -1
SecondOffsetClip: -1 -1 -1  1  1  1  1  0
ThirdOffsetClip:   0 -1 -1  1 -1  1  0  1

Block 583:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:39 S02:36 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:24 S11:21 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:42 S01:24 S11:49 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:12 S11:8 S02:36 S12:29 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:36 S01:36 S11:29 S02:48 S12:62 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:55 S01:12 S11:13 S02:24 S12:31 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:34 S01:12 S11:8 S02:12 S12:60 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:16 S01:0 S11:39 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  2  0  2  2  0
Diff_de:           0  0 -1 -1  0 -1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  0  2  2  4
# Filtered pixels: 3  2  2  2  2  2  2  4
# Filtered P pix:  1  0  0  0  0  0  0  1
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0 -1 -1 -1  0 -1 -1  1
SecondOffset:      0 -1  0  0  1  0 -1  1
ThirdOffset:       1  1  0  0  1  0  1 -1
FirstOffsetClip:   0 -1 -1 -1  0 -1 -1  1
SecondOffsetClip:  0 -1  0  0  1  0 -1  1
ThirdOffsetClip:   1  1  0  0  1  0  1 -1

Block 584:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:21 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:24 S11:31 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:55 S01:0 S11:65 S02:24 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:13 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:24 S01:12 S11:8 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:29 S01:12 S11:70 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:47 S01:12 S11:31 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:45 S01:36 S11:44 S02:24 S12:68 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  2  2  1  2  2  2  2
Diff_de:           1  1  2  0  1  1  1 -1
Diff_c:           -1  0  0 -1  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  3  3  3  2
# Filtered pixels: 2  3  3  3  3  4  3  2
# Filtered P pix:  0  0  1  0  1  1  1  0
# Filtered Q pix:  0  1  0  1  0  1  0  0
FirstOffset:       0  1  1  0  1  1  1 -2
SecondOffset:     -1  0  1 -1  1  0  1  0
ThirdOffset:       1  0 -1  0  0 -1  1  2
FirstOffsetClip:   0  1  1  0  1  1  1 -1
SecondOffsetClip: -1  0  1 -1  1  0  1  0
ThirdOffsetClip:   1  0 -1  0  0 -1  1  1

Block 585:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:36 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:42 S01:0 S11:52 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:36 S11:24 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:39 S01:24 S11:16 S02:24 S12:26 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:24 S11:55 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:52 S01:48 S11:52 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:45 S01:36 S11:34 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:24 S11:49 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  0  0  2
Diff_de:           0 -1 -1  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  2  2  2  0
# Filtered pixels: 2  3  3  2  2  2  2  3
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  1
FirstOffset:       0 -1 -1  1  1  1 -2  0
SecondOffset:     -1 -1 -1  0  0 -1  0  1
ThirdOffset:      -1  1  1  0  0 -1  0  0
FirstOffsetClip:   0 -1 -1  1  1  1 -1  0
SecondOffsetClip: -1 -1 -1  0  0 -1  0  1
ThirdOffsetClip:  -1  1  1  0  0 -1  0  0

Block 586:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:48 S11:45 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:12 S11:47 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:12 S11:21 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:47 S01:24 S11:21 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:21 S01:24 S11:16 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:8 S0:21 S01:0 S11:13 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  0  0  0
Diff_de:           0  0  1  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  2  2  2  0  3
# Filtered pixels: 4  2  3  3  3  2  3  3
# Filtered P pix:  1  0  1  1  0  0  0  1
# Filtered Q pix:  1  0  0  0  1  0  1  0
FirstOffset:      -1  0  1 -1 -1 -1  0 -1
SecondOffset:     -1 -1  1  0  0 -1 -1 -1
ThirdOffset:       1 -1 -1 -1  0  0  0  2
FirstOffsetClip:  -1  0  1 -1 -1 -1  0 -1
SecondOffsetClip: -1 -1  1  0  0 -1 -1 -1
ThirdOffsetClip:   1 -1 -1 -1  0  0  0  1

Block 587:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:26 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:34 S01:36 S11:37 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:60 S01:0 S11:52 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:5 S0:18 S01:12 S11:34 S02:24 S12:36 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:0 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:36 S11:39 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:65 S01:12 S11:8 S02:60 S12:65 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  1  2  1  0  0  2
Diff_de:           1 -1  0  1  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0 -1  0 -1  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  4  0  0  0  2
# Filtered pixels: 3  3  3  4  3  3  3  3
# Filtered P pix:  1  0  1  1  1  1  0  1
# Filtered Q pix:  0  1  0  1  0  0  1  0
FirstOffset:       1 -1  0  1  0  0  0  1
SecondOffset:      1 -1  0  1  0  0 -1  0
ThirdOffset:       1  0 -1 -1 -1  1  0 -2
FirstOffsetClip:   1 -1  0  1  0  0  0  1
SecondOffsetClip:  1 -1  0  1  0  0 -1  0
ThirdOffsetClip:   1  0 -1 -1 -1  1  0 -1

Block 588:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
```

```
Row:1 S0:8 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:2 S0:47 S01:36 S11:39 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:44 S01:12 S11:8 S02:12 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:18 S01:0 S11:13 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:36 S11:39 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:34 S01:12 S11:18 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:45 S01:36 S11:44 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  2  2
Diff_de:           0  1  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  0  0  0  2  3
# Filtered pixels: 3  3  4  4  3  3  4  3
# Filtered P pix:  0  0  1  1  0  1  1  0
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0  1  0  0  0  0  1 -2
SecondOffset:     -1  0  0  0 -1  0  0  0
ThirdOffset:       0 -1  0  0  0  1  0  1
FirstOffsetClip:   0  1  0  0  0  0  1 -1
SecondOffsetClip: -1  0  0  0 -1  0  0  0
ThirdOffsetClip:   0 -1  0  0  0  1  0  1

Block 589:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:34 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:12 S11:13 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:0 S11:26 S02:24 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:29 S01:12 S11:8 S02:12 S12:21 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:21 S01:12 S11:8 S02:48 S12:58 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:60 S11:53 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:12 S11:18 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:0 S11:13 S02:24 S12:21 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  2
Diff_de:           0  0  0  1  0  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  2  0  2  3
# Filtered pixels: 2  2  3  2  2  2  2  3
# Filtered P pix:  0  0  1  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  0  1  1  0 -1 -1
SecondOffset:     -1  0  0  1  0  1  0 -1
ThirdOffset:      -1 -1 -1 -1 -2 -1  1  1
FirstOffsetClip:   0  0  0  1  1  0 -1 -1
SecondOffsetClip: -1  0  0  1  0  1  0 -1
ThirdOffsetClip:  -1 -1 -1 -1 -1 -1  1  1

Block 590:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:26 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:37 S01:12 S11:34 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:24 S11:16 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:65 S01:24 S11:26 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:8 S01:24 S11:31 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:48 S11:37 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:18 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:36 S11:29 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  1  4  1  3  2  2
Diff_de:           0  1  0 -1  0  1  0  0
Diff_c:            1  1 -1  1 -1  1 -1  1
Diff_f:           -1 -1  0  1  0  0  1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  1  2  1  2  0  0
# Filtered pixels: 3  4  4  3  4  3  3  2
# Filtered P pix:  1  1  1  1  1  0  1  0
# Filtered Q pix:  0  1  1  0  1  1  0  0
FirstOffset:      -1  1  0 -1  0  1  0  0
SecondOffset:      0  1 -1  0 -1  2  0  1
ThirdOffset:       0 -1  0  1  0  0  1  1
FirstOffsetClip:  -1  1  0 -1  0  1  0  0
```

```
SecondOffsetClip:  0  1 -1  0 -1  1  0  1
ThirdOffsetClip:   0 -1  0  1  0  0  1  1

Block 591:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:8 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:12 S11:21 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:39 S01:24 S11:26 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:13 S01:36 S11:29 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:42 S01:0 S11:52 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:32 S01:0 S11:0 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:31 S01:0 S11:0 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:24 S11:49 S02:36 S12:29 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  2  2  2  0  4
Diff_de:           0  1  0  0 -1 -1  0  1
Diff_c:            0  0  1  1  0  0  0  1
Diff_f:            0  0  1  1  0  0  0 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  1  3  4  0  3
# Filtered pixels: 4  4  4  3  4  4  3  3
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  0
FirstOffset:       0  1 -1  0 -1 -2  0  1
SecondOffset:      0  0  0  1 -1 -1  0  1
ThirdOffset:       0 -1  1  1  0  1  1 -1
FirstOffsetClip:   0  1 -1  0 -1 -1  0  1
SecondOffsetClip:  0  0  0  1 -1 -1  0  1
ThirdOffsetClip:   0 -1  1  1  0  1  1 -1

Block 592:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:21 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:12 S11:8 S02:36 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:42 S01:0 S11:26 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:32 S01:0 S11:13 S02:48 S12:47 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:36 S01:36 S11:49 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:26 S01:0 S11:13 S02:24 S12:16 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:36 S11:24 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:0 S11:65 S02:24 S12:26 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  2  0  0  2  0
Diff_de:           0  0  1 -1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  0  0  2  0
# Filtered pixels: 2  2  3  3  2  3  2  3
# Filtered P pix:  0  0  1  1  0  1  0  1
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1  0  1 -2  0  0 -1  0
SecondOffset:      0  0  1 -1  1  0  0  0
ThirdOffset:      -2  1 -1  0  0 -1  1  1
FirstOffsetClip:   1  0  1 -1  0  0 -1  0
SecondOffsetClip:  0  0  1 -1  1  0  0  0
ThirdOffsetClip:  -1  1 -1  0  0 -1  1  1

Block 593:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:50 S01:36 S11:29 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:50 S01:48 S11:45 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:42 S01:36 S11:44 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:36 S01:60 S11:45 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:29 S01:12 S11:18 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:42 S01:12 S11:18 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:18 S01:12 S11:21 S02:72 S12:53 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:31 S01:60 S11:40 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  2  2  0  0
Diff_de:           0  0 -1  0  1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  3  2  0  0
# Filtered pixels: 2  2  2  2  3  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       2  2 -1  0  1 -1  0  0
SecondOffset:      0  0  0  1  1  0  0  1
ThirdOffset:      -2  0  0  1 -1  0 -2  1
FirstOffsetClip:   1  1 -1  0  1 -1  0  0
SecondOffsetClip:  0  0  0  1  1  0  0  1
ThirdOffsetClip:  -1  0  0  1 -1  0 -1  1

Block 594:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:21 S02:24 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:36 S11:34 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:39 S01:24 S11:29 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:34 S01:12 S11:18 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:24 S11:16 S02:24 S12:26 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:70 S01:48 S11:57 S02:36 S12:24 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:13 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:8 S0:52 S01:36 S11:34 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  2
Diff_de:           0  0  0  1  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  2  0  2  0  2
# Filtered pixels: 3  3  2  3  2  2  3  3
# Filtered P pix:  1  0  0  1  0  0  0  0
# Filtered Q pix:  0  1  0  0  0  0  1  1
FirstOffset:      -1  0 -1  1  0 -1  0  1
SecondOffset:      0  1 -1  0  1 -2 -1  1
ThirdOffset:       0  0  0  0 -1  0  0  0
FirstOffsetClip:  -1  0 -1  1  0 -1  0  1
SecondOffsetClip:  0  1 -1  0  1 -1 -1  1
ThirdOffsetClip:   0  0  0  0 -1  0  0  0

Block 595:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:45 S01:12 S11:18 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:31 S01:12 S11:8 S02:24 S12:36 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:42 S01:24 S11:55 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:12 S11:44 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:12 S11:8 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:55 S01:24 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:0 S11:0 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  1  3  3  3  3  2  0
Diff_de:           1  0  1 -1  1 -1 -1  0
Diff_c:            0  0  1  0  0 -1  0  0
Diff_f:            1 -1  0 -1 -1  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  3  3  2  3  0
# Filtered pixels: 3  3  3  3  4  2  3  4
# Filtered P pix:  1  1  0  1  1  0  1  1
# Filtered Q pix:  0  0  1  0  1  0  0  1
FirstOffset:       2  0  1 -1  1 -1 -1  0
SecondOffset:      1  0  1 -1  0 -1 -1  0
ThirdOffset:      -1 -1 -1  0 -1 -1  1  0
FirstOffsetClip:   1  0  1 -1  1 -1 -1  0
SecondOffsetClip:  1  0  1 -1  0 -1 -1  0
ThirdOffsetClip:  -1 -1 -1  0 -1 -1  1  0

Block 596:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:47 S02:12 S12:18 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:31 S01:36 S11:44 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:44 S01:12 S11:21 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:13 S01:48 S11:45 S02:12 S12:73 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:45 S01:24 S11:29 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:24 S11:26 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:42 S01:36 S11:34 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:60 S01:12 S11:57 S02:0 S12:13 ActOverall:0 Act1:2 Act2:3 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  0  2  3
# Filtered pixels: 2  2  3  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  1
FirstOffset:       0  0  0  0 -2  0  1 -1
SecondOffset:      0 -1  0  1 -2  1  1  0
ThirdOffset:       0  1  0  0  1 -1  0  1
FirstOffsetClip:   0  0  0  0 -1  0  1 -1
SecondOffsetClip:  0 -1  0  1 -1  1  1  0
ThirdOffsetClip:   0  1  0  0  1 -1  0  1

Block 597:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:24 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:58 S01:12 S11:21 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:45 S01:72 S11:73 S02:12 S12:34 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:24 S01:48 S11:32 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:24 S11:36 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:36 S11:34 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:44 S01:36 S11:44 S02:36 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:0 S01:24 S11:16 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  4  3  4  2  2
Diff_de:          -1 -2 -2  1  1 -1  0  0
Diff_c:            0  0  0 -1 -1  1 -1  1
Diff_f:           -1  0  0  1  0 -1 -1 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  2  3  2  0  2
# Filtered pixels: 4  3  3  3  4  2  2  4
# Filtered P pix:  1  1  0  0  1  0  0  1
# Filtered Q pix:  1  0  1  1  1  0  0  1
FirstOffset:      -1 -2 -2  1  1 -1  0  0
SecondOffset:     -1 -1  1 -1  0  0 -1  1
ThirdOffset:       0  0  1  0 -1  0 -1 -1
FirstOffsetClip:  -1 -2 -2  1  1 -1  0  0
SecondOffsetClip: -1 -1  1 -1  0  0 -1  1
ThirdOffsetClip:   0  0  1  0 -1  0 -1 -1

Block 598:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
```

```
Row:1 S0:68 S01:36 S11:34 S02:60 S12:40 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:50 S01:48 S11:57 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:16 S01:24 S11:16 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:0 S11:0 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:16 S01:12 S11:8 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:12 S11:18 S02:48 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:24 S11:29 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:36 S01:36 S11:37 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  4  1  3  4  4  1
Diff_de:          -2  1  1  0 -1 -1 -1  0
Diff_c:           -1 -1  1  0  0 -1 -1 -1
Diff_f:           -1  0 -1 -1 -1 -1  1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  4  4  2  3  3  0
# Filtered pixels: 2  3  4  4  3  3  3  3
# Filtered P pix:  0  0  1  1  1  1  1  0
# Filtered Q pix:  0  1  1  1  0  0  0  1
FirstOffset:      -2  2  1  1 -1 -1 -1  0
SecondOffset:     -2  0  1  1  0 -1 -1 -1
ThirdOffset:       0 -1 -1 -1  0 -1  1  0
FirstOffsetClip:  -2  2  1  1 -1 -1 -1  0
SecondOffsetClip: -1  0  1  1  0 -1 -1 -1
ThirdOffsetClip:   0 -1 -1 -1  0 -1  1  0

Block 599:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:26 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:12 S11:34 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:29 S01:12 S11:31 S02:12 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:49 S01:24 S11:31 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:60 S01:12 S11:18 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:21 S01:36 S11:39 S02:36 S12:37 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:55 S01:60 S11:40 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:8 S01:12 S11:47 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  2  1  3  4  3  1
Diff_de:           1  0  1  0 -1  1  1  0
Diff_c:            1  0  0  1  0  1  0  0
Diff_f:           -1  0  0  0  1  1 -1  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  2  1  3  2  3  0
# Filtered pixels: 4  4  4  4  4  2  3  4
# Filtered P pix:  1  1  1  1  1  0  0  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       1  0  1  0 -1  1  1  0
SecondOffset:      1  0  0  1  0  1 -1  0
ThirdOffset:      -1  0  0  0  1  0 -1  0
FirstOffsetClip:   1  0  1  0 -1  1  1  0
SecondOffsetClip:  1  0  0  1  0  1 -1  0
ThirdOffsetClip:  -1  0  0  0  1  0 -1  0

Block 600:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:57 S01:48 S11:47 S02:12 S12:18 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:62 S01:72 S11:53 S02:0 S12:78 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:49 S01:48 S11:37 S02:24 S12:29 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:18 S01:12 S11:18 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:12 S11:8 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:29 S01:0 S11:0 S02:12 S12:34 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:60 S11:60 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:24 S11:16 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  0  3  0  2
# Filtered pixels: 2  3  2  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:      -1  0  0  0  0 -1  0  1
SecondOffset:      1 -2  1  0  0 -1  1  0
ThirdOffset:       1  0  1  1  1  0  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 601:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:48 S11:47 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:29 S01:24 S11:31 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:12 S11:21 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:44 S01:24 S11:36 S02:0 S12:65 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:36 S11:34 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:37 S01:48 S11:47 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:42 S01:12 S11:18 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:24 S01:0 S11:39 S02:60 S12:40 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  0  2  2
Diff_de:           0  0 -1  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  0  2  2  3
# Filtered pixels: 2  2  2  3  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:      -1  1 -1  0  0  1  1 -1
SecondOffset:      1  0 -1 -1 -1 -1  1 -1
ThirdOffset:       0  1  0  0 -1  0 -1 -1
FirstOffsetClip:  -1  1 -1  0  0  1  1 -1
SecondOffsetClip:  1  0 -1 -1 -1 -1  1 -1
ThirdOffsetClip:   0  1  0  0 -1  0 -1 -1

Block 602:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:32 S01:0 S11:0 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:44 S01:24 S11:26 S02:36 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:57 S01:0 S11:65 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:4 S0:13 S01:12 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:42 S01:24 S11:21 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
```

```
Row:6 S0:8 S01:60 S11:55 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:36 S11:39 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:48 S11:42 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  1  2  2  3  0  2  2
Diff_de:          -1  0  1  0  1  0  1  1
Diff_c:            0 -1  0 -1 -1  0  0  0
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  4  0  3  0  3  2
# Filtered pixels: 3  2  4  3  3  2  3  2
# Filtered P pix:  1  0  1  1  0  0  0  0
# Filtered Q pix:  0  0  1  0  1  0  1  0
FirstOffset:      -2  0  1  0  1  0  1  1
SecondOffset:     -1 -1  1  0  0  1  0 -1
ThirdOffset:       0 -1 -1 -1 -1 -1 -1  0
FirstOffsetClip:  -1  0  1  0  1  0  1  1
SecondOffsetClip: -1 -1  1  0  0  1  0 -1
ThirdOffsetClip:   0 -1 -1 -1 -1 -1 -1  0

Block 603:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:39 S01:0 S11:13 S02:12 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:48 S11:47 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:57 S01:0 S11:13 S02:36 S12:29 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:57 S01:36 S11:29 S02:12 S12:18 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:21 S01:24 S11:26 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:12 S11:34 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:18 S01:0 S11:39 S02:24 S12:16 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:47 S01:24 S11:16 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:           1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  2  0  0  2
# Filtered pixels: 3  2  3  2  2  2  3  2
# Filtered P pix:  1  0  1  0  0  0  1  0
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1  1 -1  1  1  0  0 -1
SecondOffset:      1 -1 -1  1  1  0  0  0
ThirdOffset:       0 -1  1  0 -1 -1 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 604:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:44 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:13 S01:36 S11:44 S02:0 S12:65 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:8 S01:48 S11:37 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:12 S11:57 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:63 S01:24 S11:16 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:31 S01:12 S11:18 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:24 S11:55 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:8 S0:47 S01:36 S11:24 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  0
Diff_de:           1  0  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  0  2  0  0  2
# Filtered pixels: 3  3  3  4  2  4  3  2
# Filtered P pix:  1  0  0  1  0  1  0  0
# Filtered Q pix:  0  1  1  1  0  1  1  0
FirstOffset:       1  0  0  0  2  0  0  1
SecondOffset:      1 -1  1  0  1  0 -1  1
ThirdOffset:       0  0  0  0 -1  0  0  0
FirstOffsetClip:   1  0  0  0  1  0  0  1
SecondOffsetClip:  1 -1  1  0  1  0 -1  1
ThirdOffsetClip:   0  0  0  0 -1  0  0  0

Block 605:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:26 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:13 S01:24 S11:26 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:8 S01:36 S11:34 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:57 S01:48 S11:57 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:0 S01:24 S11:26 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:34 S01:24 S11:42 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:55 S01:72 S11:68 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:21 S01:24 S11:26 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  1  2  2  0
Diff_de:           0  0  0  1  0 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  3  0  2  3  2
# Filtered pixels: 3  3  2  3  2  3  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  1  0  1  0  1  1  0
FirstOffset:       0  0  0  1  0 -1  1  1
SecondOffset:      1 -1 -1 -1  1  0 -1  1
ThirdOffset:       0  0  1 -1 -1  0 -1 -2
FirstOffsetClip:   0  0  0  1  0 -1  1  1
SecondOffsetClip:  1 -1 -1 -1  1  0 -1  1
ThirdOffsetClip:   0  0  1 -1 -1  0 -1 -1

Block 606:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:70 S01:24 S11:21 S02:12 S12:44 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:26 S01:12 S11:21 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:52 S01:60 S11:55 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:5 S0:32 S01:48 S11:52 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:36 S01:48 S11:32 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:62 S01:48 S11:37 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:12 S11:21 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  2  0  0  3
# Filtered pixels: 3  4  3  4  2  3  2  4
# Filtered P pix:  0  1  0  1  0  0  0  1
# Filtered Q pix:  1  1  1  1  0  1  0  1
FirstOffset:       1  0  1  0  2  0  0  1
SecondOffset:      1  0  2  0  0  1 -1  0
ThirdOffset:       0  0  0  0  0  0 -1 -1
FirstOffsetClip:   1  0  1  0  1  0  0  1
SecondOffsetClip:  1  0  1  0  0  1 -1  0
ThirdOffsetClip:   0  0  0  0  0  0 -1 -1

Block 607:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:57 S01:12 S11:13 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:36 S11:29 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:24 S11:29 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:24 S11:49 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:12 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:60 S11:50 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:12 S11:44 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:0 S11:0 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  4  2  3  2  4  0
Diff_de:           0 -1  1  0  1  0 -1  0
Diff_c:            0  0  1 -1  0  1  1  0
Diff_f:           -1 -1  1  1 -1 -1  1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  3  2  2  0
# Filtered pixels: 3  4  4  4  4  3  3  4
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  0  1  1  1  1  1  0  1
FirstOffset:      -1 -2  1  1  1 -1 -1  0
SecondOffset:     -1  0  1  0  0  1  0  0
ThirdOffset:      -1  0  0  0 -1  0  2  0
FirstOffsetClip:  -1 -2  1  1  1 -1 -1  0
SecondOffsetClip: -1  0  1  0  0  1  0  0
ThirdOffsetClip:  -1  0  0  0 -1  0  2  0

Block 608:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
```

```
Row:1 S0:70 S01:24 S11:36 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:44 S01:24 S11:26 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:36 S11:44 S02:12 S12:47 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:32 S01:60 S11:40 S02:60 S12:65 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:12 S11:34 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:12 S11:21 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:50 S01:0 S11:0 S02:36 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:32 S01:48 S11:47 S02:0 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  1  2  0  3  3  2
Diff_de:           1  0  0  1  0  1 -1 -1
Diff_c:           -1  1  1  0  0  0  0  0
Diff_f:            0  0  0  0  0 -1 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  0  2  0  4  3  3
# Filtered pixels: 4  3  3  2  4  4  3  3
# Filtered P pix:  1  1  0  0  1  1  1  0
# Filtered Q pix:  1  0  1  0  1  1  0  1
FirstOffset:       1  0  0  2  0  1 -2 -2
SecondOffset:      0  1  1  0  0  1 -1  0
ThirdOffset:      -1  1  0  0  0 -1  0  1
FirstOffsetClip:   1  0  0  2  0  1 -2 -2
SecondOffsetClip:  0  1  1  0  0  1 -1  0
ThirdOffsetClip:  -1  1  0  0  0 -1  0  1

Block 609:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:37 S01:72 S11:58 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:12 S11:47 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:12 S11:44 S02:36 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:0 S01:12 S11:34 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:60 S11:55 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:36 S11:24 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  1  1  1  3  1
Diff_de:          -1  0  1  0  0  0  1  0
Diff_c:            0 -1  0  0  0  0  0  1
Diff_f:            1 -1  0  1 -1  1 -1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  1  0  0  3  0
# Filtered pixels: 4  4  2  4  3  3  3  3
# Filtered P pix:  1  1  0  1  1  1  0  0
# Filtered Q pix:  1  1  0  1  0  0  1  1
FirstOffset:      -1 -1  1  0  0  0  1  0
SecondOffset:      0 -1 -1  0  0  0 -1  1
ThirdOffset:       1  0  1  1 -1  1 -1  0
FirstOffsetClip:  -1 -1  1  0  0  0  1  0
SecondOffsetClip:  0 -1 -1  0  0  0 -1  1
ThirdOffsetClip:   1  0  1  1 -1  1 -1  0

Block 610:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:31 S01:0 S11:13 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:36 S11:37 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:31 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:42 S01:12 S11:13 S02:36 S12:34 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:36 S11:34 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:29 S01:12 S11:8 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:24 S11:26 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:12 S11:60 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  2  2  2  2  0
Diff_de:           0  0  1  1  1  1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  3  3  2  0
# Filtered pixels: 4  2  4  3  3  4  3  3
# Filtered P pix:  1  0  1  1  0  1  0  1
# Filtered Q pix:  1  0  1  0  1  1  1  0
FirstOffset:       0  0  1  1  1  1 -1  0
SecondOffset:      0  1  0  0  0  0  0  0
ThirdOffset:       0 -1 -1  0 -1 -1  0  1
FirstOffsetClip:   0  0  1  1  1  1 -1  0
```

```
SecondOffsetClip:  0  1  0  0  0  0  0  0
ThirdOffsetClip:   0 -1 -1  0 -1 -1  0  1

Block 611:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:47 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:31 S01:0 S11:52 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:26 S01:12 S11:21 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:47 S01:36 S11:50 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:31 S01:36 S11:29 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:31 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:36 S01:36 S11:29 S02:24 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:48 S11:45 S02:60 S12:65 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  0  0  0
# Filtered pixels: 3  3  3  2  3  4  2  2
# Filtered P pix:  1  1  1  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  1  1  0  0
FirstOffset:       0  0  0  1  0  0  0  0
SecondOffset:      0  0  0  0 -1  0 -1 -1
ThirdOffset:      -1  1  1 -2  0  0 -1  1
FirstOffsetClip:   0  0  0  1  0  0  0  0
SecondOffsetClip:  0  0  0  0 -1  0 -1 -1
ThirdOffsetClip:  -1  1  1 -1  0  0 -1  1

Block 612:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:45 S01:12 S11:31 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:58 S01:60 S11:65 S02:24 S12:16 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:8 S01:36 S11:44 S02:60 S12:65 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:24 S01:12 S11:8 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:18 S01:0 S11:0 S02:48 S12:57 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
```

```
Row:6 S0:37 S01:24 S11:21 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:63 S01:24 S11:16 S02:24 S12:16 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:18 S01:24 S11:21 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  2  0  2  0  0
Diff_de:           1  0  0 -1  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  2  2  0
# Filtered pixels: 2  2  2  2  3  2  2  2
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       2 -2  0 -1  0 -1 -2  0
SecondOffset:      1  0 -1  0  0 -1 -1  1
ThirdOffset:       0  1  1  0 -1  0  1  1
FirstOffsetClip:   1 -1  0 -1  0 -1 -1  0
SecondOffsetClip:  1  0 -1  0  0 -1 -1  1
ThirdOffsetClip:   0  1  1  0 -1  0  1  1

Block 613:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:26 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:12 S11:34 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:24 S11:16 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:36 S11:37 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:48 S11:52 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:45 S01:0 S11:0 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:57 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:0 S11:0 S02:24 S12:62 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  2  1  2  4  1  3
Diff_de:           1  1  1  0  0 -2  0 -1
Diff_c:            1  0  0 -1  1 -1  0  0
Diff_f:            0 -1  0  0 -1 -1 -1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  0  1  3  1  3
# Filtered pixels: 3  4  4  3  3  3  4  4
# Filtered P pix:  1  1  1  0  0  1  1  1
```

```
# Filtered Q pix:  0  1  1  1  1  0  1  1
FirstOffset:       1  1  1  0  0 -2  0 -1
SecondOffset:      1  0  0 -1  1 -1  0 -1
ThirdOffset:       0 -1  0  0 -1  0 -1  0
FirstOffsetClip:   1  1  1  0  0 -2  0 -1
SecondOffsetClip:  1  0  0 -1  1 -1  0 -1
ThirdOffsetClip:   0 -1  0  0 -1  0 -1  0

Block 614:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:16 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:49 S01:12 S11:57 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:50 S01:36 S11:29 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:13 S01:48 S11:42 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:60 S01:0 S11:65 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:39 S01:48 S11:47 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:65 S01:12 S11:18 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:0 S11:39 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  1  2  4  2  3
Diff_de:          -1  0 -1  0 -1  1  1  1
Diff_c:            0  0  1  1  0 -1  0  0
Diff_f:            0  1  0  0  0 -1  0  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  0  3  2  2  3
# Filtered pixels: 4  4  3  3  4  2  3  3
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  0  0  0
FirstOffset:      -1  0 -2  0 -1  1  1  1
SecondOffset:      0  0  0  1 -1 -1  0  1
ThirdOffset:       1  1  1  0  0 -1 -2  0
FirstOffsetClip:  -1  0 -2  0 -1  1  1  1
SecondOffsetClip:  0  0  0  1 -1 -1  0  1
ThirdOffsetClip:   1  1  1  0  0 -1 -1  0

Block 615:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:24 S02:12 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:36 S11:24 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:12 S11:18 S02:72 S12:68 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:12 S11:44 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:55 S01:0 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:70 S01:12 S11:18 S02:60 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:13 S01:0 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:29 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  3  2  3  1  0  3
Diff_de:           1 -1  1  1  1  0  0 -1
Diff_c:            1 -1 -1  0  1  0  0 -1
Diff_f:           -1  1  0  0  0 -1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  4  0  3  3  3  0  4
# Filtered pixels: 4  4  3  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  1  1
FirstOffset:       0 -1  0  1  1 -1  0 -1
SecondOffset:      1 -1  0  0  1 -1  0 -1
ThirdOffset:       0  1  2 -1  0 -1  0  1
FirstOffsetClip:   0 -1  0  1  1 -1  0 -1
SecondOffsetClip:  1 -1  0  0  1 -1  0 -1
ThirdOffsetClip:   0  1  2 -1  0 -1  0  1

Block 616:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:52 S01:60 S11:55 S02:36 S12:37 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:0 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:57 S01:36 S11:29 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:12 S11:13 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:65 S01:12 S11:44 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:63 S01:48 S11:42 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:57 S01:12 S11:44 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:62 S01:60 S11:45 S02:36 S12:54 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  4  0  2  3  0  1
Diff_de:           1  1  1  0  1 -1  0  0
Diff_c:            0  1 -1  0  0  1  0  0
Diff_f:            1  0 -1  0  0  0  0  1
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  0  2  3  3  0
# Filtered pixels: 2  4  3  3  4  3  4  2
# Filtered P pix:  0  1  0  1  1  0  1  0
# Filtered Q pix:  0  1  1  0  1  1  1  0
FirstOffset:       1  1  1  0  1 -2 -1  0
SecondOffset:      2  1  0  0  0  0 -1  1
ThirdOffset:       0  0 -1 -1  0  1  0  1
FirstOffsetClip:   1  1  1  0  1 -2 -1  0
SecondOffsetClip:  1  1  0  0  0  0 -1  1
ThirdOffsetClip:   0  0 -1 -1  0  1  0  1

Block 617:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:44 S01:48 S11:52 S02:24 S12:36 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:0 S11:26 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:36 S11:49 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:12 S11:47 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:12 S11:34 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:68 S01:24 S11:29 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:42 S01:12 S11:73 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:24 S11:31 S02:72 S12:78 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  0  1  3  2  3  3  3
Diff_de:           0  0  0 -1 -1 -1  1 -1
Diff_c:            0  0 -1  0  0  1  0  1
Diff_f:           -1  0  0  1  0  0  1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  0  3  2  3  3  2
# Filtered pixels: 3  3  3  4  3  3  4  3
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  1  0  1  1  0  0  1  0
FirstOffset:       0  0  0 -1 -1 -2  1 -1
SecondOffset:     -1  0 -1  0  0 -1  1  0
ThirdOffset:      -1 -1  0  1 -1  0  0 -1
FirstOffsetClip:   0  0  0 -1 -1 -2  1 -1
SecondOffsetClip: -1  0 -1  0  0 -1  1  0
ThirdOffsetClip:  -1 -1  0  1 -1  0  0 -1

Block 618:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
```

```
Row:1 S0:21 S01:60 S11:50 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:60 S01:48 S11:37 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:45 S01:12 S11:21 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:0 S01:36 S11:24 S02:12 S12:60 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:47 S01:24 S11:16 S02:48 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:36 S11:29 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:57 S01:60 S11:65 S02:0 S12:65 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:13 S01:12 S11:21 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:          -1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  0  2  0  3  0
# Filtered pixels: 3  2  2  2  2  2  3  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  0  1  1
FirstOffset:      -1  1 -2  0 -1  0  1  0
SecondOffset:      1 -1 -1 -1 -1 -1  2  0
ThirdOffset:       1 -2  0  0  2  1 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 619:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:50 S01:12 S11:13 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:26 S01:0 S11:13 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:36 S11:50 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:47 S01:12 S11:8 S02:24 S12:21 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:52 S01:24 S11:36 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:37 S01:24 S11:16 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:52 S01:36 S11:44 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:70 S01:12 S11:13 S02:12 S12:8 ActOverall:0 Act1:3 Act2:3 Act11:0 Act22:0
```

```
ActEdge:0 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  2  0  2  0  0
Diff_de:          -1  0  0 -1  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  2  2  3  2  3
# Filtered pixels: 3  3  3  3  2  3  2  4
# Filtered P pix:  1  1  0  1  0  0  0  1
# Filtered Q pix:  0  0  1  0  0  1  0  1
FirstOffset:      -2  0 -1 -1  1 -1  1  1
SecondOffset:     -1  0  0  0  0  0  1  1
ThirdOffset:       2  1  0  0 -1  1  1  0
FirstOffsetClip:  -1  0 -1 -1  1 -1  1  1
SecondOffsetClip: -1  0  0  0  0  0  1  1
ThirdOffsetClip:   1  1  0  0 -1  1  1  0

Block 620:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:32 S01:36 S11:39 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:57 S01:60 S11:40 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:34 S01:12 S11:34 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:24 S11:36 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:48 S11:52 S02:48 S12:47 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:60 S11:50 S02:60 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 3  3  3  3  2  1  1  0
Diff_de:           1  1 -1  1  0  0  0  0
Diff_c:           -1 -1  0  1 -1  0  0  0
Diff_f:            0  0 -1  0  1  1 -1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  3  0  2  0  2
# Filtered pixels: 2  3  4  4  2  3  3  2
# Filtered P pix:  0  0  1  1  0  1  1  0
# Filtered Q pix:  0  1  1  1  0  0  0  0
FirstOffset:       2  1 -1  1  0  1  0 -1
SecondOffset:      0 -1 -1  1 -1  0  0  1
ThirdOffset:       0 -1  0  0  1  0 -1 -1
FirstOffsetClip:   2  1 -1  1  0  1  0 -1
```

```
SecondOffsetClip:  0 -1 -1  1 -1  0  0  1
ThirdOffsetClip:   0 -1  0  0  1  0 -1 -1

Block 621:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:29 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:12 S11:47 S02:24 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:24 S01:12 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:40 S01:24 S11:26 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:0 S01:24 S11:26 S02:24 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:12 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:12 S11:13 S02:48 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:36 S11:39 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  2  0  0  0  0
Diff_de:           0 -1  1  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  3  0  0  0  0
# Filtered pixels: 3  3  4  3  2  4  3  2
# Filtered P pix:  0  1  1  0  0  1  1  0
# Filtered Q pix:  1  0  1  1  0  1  0  0
FirstOffset:       1 -1  1  2  0  0  0  0
SecondOffset:      1 -1  0  1  1  0  0 -1
ThirdOffset:       0  0 -1 -1  1  0  1 -1
FirstOffsetClip:   1 -1  1  1  0  0  0  0
SecondOffsetClip:  1 -1  0  1  1  0  0 -1
ThirdOffsetClip:   0  0 -1 -1  1  0  1 -1

Block 622:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:0 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:55 S01:24 S11:26 S02:60 S12:55 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:36 S11:29 S02:12 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:60 S11:60 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:58 S01:24 S11:26 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
```

```
Row:6 S0:58 S01:60 S11:50 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:48 S11:47 S02:36 S12:50 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:44 S01:24 S11:31 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  3  2  4  3  1  1
Diff_de:           0 -1 -1  1 -1 -1  0  0
Diff_c:           -1  1 -1  0  1  0  0 -1
Diff_f:            1  0  0  0 -1  1  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  2  4  3  2  1
# Filtered pixels: 4  3  3  3  4  3  2  3
# Filtered P pix:  1  1  0  0  1  0  0  1
# Filtered Q pix:  1  0  1  1  1  1  0  0
FirstOffset:       0 -1 -1  1 -2 -2 -1  0
SecondOffset:     -1  0 -1 -1 -1  0  1 -1
ThirdOffset:       1 -1  1  0  1  2  1 -1
FirstOffsetClip:   0 -1 -1  1 -2 -2 -1  0
SecondOffsetClip: -1  0 -1 -1 -1  0  1 -1
ThirdOffsetClip:   1 -1  1  0  1  1  1 -1

Block 623:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:65 S01:0 S11:13 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:0 S11:26 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:48 S11:37 S02:36 S12:63 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:24 S11:29 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:8 S01:12 S11:57 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:0 S11:13 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:47 S01:36 S11:34 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:12 S11:47 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  4  3  2  2  3  2
Diff_de:          -1  0 -1  1  1  1 -1 -1
Diff_c:            0  0  1  1  0  0 -1  0
Diff_f:            0  1 -1  0  0  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  2  4  0  3  2  3
# Filtered pixels: 3  4  2  4  3  4  2  4
# Filtered P pix:  1  1  0  1  1  1  0  1
```

```
# Filtered Q pix:  0  1  0  1  0  1  0  1
FirstOffset:      -1  0 -1  1  0  1 -1 -1
SecondOffset:     -1  0  1  1  0  1 -1 -1
ThirdOffset:       2  1  0 -1  1  0 -1  0
FirstOffsetClip:  -1  0 -1  1  0  1 -1 -1
SecondOffsetClip: -1  0  1  1  0  1 -1 -1
ThirdOffsetClip:   1  1  0 -1  1  0 -1  0

Block 624:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:34 S01:36 S11:29 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:12 S11:8 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:24 S01:36 S11:37 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:68 S01:24 S11:31 S02:60 S12:50 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:26 S01:12 S11:44 S02:12 S12:21 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:31 S01:12 S11:21 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:57 S01:24 S11:21 S02:12 S12:44 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:45 S01:0 S11:0 S02:12 S12:44 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  2  0  0  2  3
# Filtered pixels: 2  3  2  2  2  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  1
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:       1  0 -1 -2  0  0 -1 -2
SecondOffset:      0  0  0 -2  0  0  0 -1
ThirdOffset:      -1  0 -1  0  0  1  1  1
FirstOffsetClip:   1  0 -1 -1  0  0 -1 -1
SecondOffsetClip:  0  0  0 -1  0  0  0 -1
ThirdOffsetClip:  -1  0 -1  0  0  1  1  1

Block 625:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:21 S02:24 S12:31 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:13 S01:12 S11:8 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:3 S0:50 S01:12 S11:13 S02:12 S12:18 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:2
Row:4 S0:29 S01:36 S11:49 S02:24 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:12 S11:44 S02:36 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:73 S01:36 S11:54 S02:12 S12:44 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:50 S01:24 S11:42 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:24 S11:36 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  2  0  0  2
Diff_de:           0  0  2  0  1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  2  3  3  2  3
# Filtered pixels: 3  4  4  2  3  3  2  3
# Filtered P pix:  1  1  1  0  1  0  0  0
# Filtered Q pix:  0  1  1  0  0  1  0  1
FirstOffset:      -1  0  2  1  1  1  2  1
SecondOffset:      0  0  1  0  1  0  1  1
ThirdOffset:       1  0 -1  0 -1 -1 -1 -1
FirstOffsetClip:  -1  0  1  1  1  1  1  1
SecondOffsetClip:  0  0  1  0  1  0  1  1
ThirdOffsetClip:   1  0 -1  0 -1 -1 -1 -1

Block 626:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:8 S02:60 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:39 S01:24 S11:21 S02:12 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:44 S01:36 S11:29 S02:36 S12:34 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:21 S01:12 S11:18 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:44 S01:12 S11:8 S02:24 S12:21 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:13 S01:24 S11:26 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:32 S01:24 S11:31 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:36 S11:44 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:           1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  0  2  0
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1 -1  0  1  0  0  2  0
SecondOffset:      0  0 -1  0  0  1  1  1
ThirdOffset:       1  1 -1  0  1 -1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 627:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:50 S01:24 S11:29 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:24 S11:29 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:36 S11:24 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:52 S01:0 S11:13 S02:24 S12:21 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:16 S01:24 S11:26 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:36 S11:34 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:55 S01:48 S11:52 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:0 S11:0 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  0  2  2
Diff_de:          -1 -1  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  3  2  2  3  3
# Filtered pixels: 3  3  3  3  2  2  3  3
# Filtered P pix:  0  0  0  1  0  0  0  1
# Filtered Q pix:  1  1  1  0  0  0  1  0
FirstOffset:      -2 -1  1  1  1 -1  1 -1
SecondOffset:     -1  0  0  1  0  0 -1 -1
ThirdOffset:       1  0 -1 -1  0  1 -1  0
FirstOffsetClip:  -1 -1  1  1  1 -1  1 -1
SecondOffsetClip: -1  0  0  1  0  0 -1 -1
ThirdOffsetClip:   1  0 -1 -1  0  1 -1  0

Block 628:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
```

```
Row:1 S0:52 S01:24 S11:36 S02:12 S12:13 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:21 S01:12 S11:34 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:50 S01:0 S11:0 S02:12 S12:13 ActOverall:0 Act1:3 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:13 S01:0 S11:13 S02:24 S12:55 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:60 S01:36 S11:34 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:47 S01:48 S11:62 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:44 S01:0 S11:52 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:52 S01:36 S11:34 S02:0 S12:52 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  0  2  2  0  3
# Filtered pixels: 2  3  3  3  2  2  3  3
# Filtered P pix:  0  0  1  1  0  0  1  0
# Filtered Q pix:  0  1  0  0  0  0  0  1
FirstOffset:       1 -1  2  0 -1 -1  0 -1
SecondOffset:      0 -1  1  0 -1  1  0  0
ThirdOffset:       0  1 -1 -1 -1  1 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 629:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:42 S01:48 S11:42 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:12 S11:18 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:60 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:0 S11:0 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:0 S11:39 S02:24 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:24 S11:26 S02:60 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:45 S01:0 S11:39 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:12 S11:34 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  3  1  1  4  3  4
Diff_de:           1 -1  1  0  0 -1 -1  1
Diff_c:           -1  1  1  0 -1 -1  0  1
Diff_f:           -1 -1  0 -1  0 -1 -1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  1  1  3  3  3
# Filtered pixels: 3  4  4  4  4  3  3  3
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  0  0
FirstOffset:       1 -1  1  0  0 -1 -2  1
SecondOffset:     -1  0  1  0  0 -1 -1  1
ThirdOffset:      -1  0  0 -1 -1 -1  0 -2
FirstOffsetClip:   1 -1  1  0  0 -1 -2  1
SecondOffsetClip: -1  0  1  0  0 -1 -1  1
ThirdOffsetClip:  -1  0  0 -1 -1 -1  0 -2

Block 630:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:8 S02:12 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:42 S01:12 S11:60 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:0 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:8 S01:72 S11:53 S02:60 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:0 S11:13 S02:24 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:37 S01:24 S11:29 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:36 S11:44 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:24 S11:26 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  0
Diff_de:          -1  0  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  3  2  2  0
# Filtered pixels: 2  2  3  2  3  2  2  2
# Filtered P pix:  0  0  1  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1 -1  0  0  1 -1 -1  0
SecondOffset:     -1  0  0 -2  1  0  0  1
ThirdOffset:       0 -1  0  1 -1  0  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 631:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:29 S02:36 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:0 S11:13 S02:36 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:0 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:12 S11:57 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:72 S11:63 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:47 S02:36 S12:24 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:24 S11:42 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:0 S11:0 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  3  2  1  1  4  0
Diff_de:          -1  0 -1  1  0  0 -1  0
Diff_c:           -1  0  0  0  0  0 -1  0
Diff_f:            1  0  1  0 -1  1  1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  0  3  0  2  4  0
# Filtered pixels: 3  3  3  3  3  3  4  4
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  0  0  0  0  1  0  1  1
FirstOffset:       0  0  0  2  0 -1 -1  0
SecondOffset:     -1  0  0  1  2  0 -1  0
ThirdOffset:       1 -1  1  0  0  1  1  0
FirstOffsetClip:   0  0  0  1  0 -1 -1  0
SecondOffsetClip: -1  0  0  1  1  0 -1  0
ThirdOffsetClip:   1 -1  1  0  0  1  1  0

Block 632:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:18 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:24 S11:68 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:45 S01:12 S11:31 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:0 S11:0 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:21 S01:24 S11:21 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:57 S01:36 S11:29 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:44 S01:0 S11:52 S02:48 S12:42 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  3  1  3  2  3  1
Diff_de:          -1 -1  2  0  1  0 -1  0
Diff_c:            0 -1  0  0  1  1 -1  0
Diff_f:           -1  0  1 -1  0 -1  0  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  4  1  3  2  3  0
# Filtered pixels: 3  4  4  4  4  3  3  3
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:      -1 -1  2  0  1 -1 -1  0
SecondOffset:      0 -1  1  0  1  0 -1  0
ThirdOffset:       0  0 -1 -1  0  0  1  1
FirstOffsetClip:  -1 -1  2  0  1 -1 -1  0
SecondOffsetClip:  0 -1  1  0  1  0 -1  0
ThirdOffsetClip:   0  0 -1 -1  0  0  1  1

Block 633:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:32 S01:36 S11:29 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:12 S11:21 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:18 S01:0 S11:26 S02:36 S12:24 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:24 S11:31 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:32 S01:12 S11:34 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:24 S01:0 S11:26 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:39 S01:0 S11:13 S02:48 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:45 S01:12 S11:21 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  2  2  0  2
Diff_de:           1 -1  0  0  1  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  4  3  3  3
# Filtered pixels: 3  3  3  3  4  3  3  3
# Filtered P pix:  0  1  1  0  1  1  1  1
```

```
# Filtered Q pix:  1  0  0  1  1  0  0  0
FirstOffset:       2 -1  0 -1  2  1 -1 -2
SecondOffset:      0  0  0 -1  1  1 -1 -1
ThirdOffset:      -1  0 -1  0 -1  0 -1  0
FirstOffsetClip:   1 -1  0 -1  1  1 -1 -1
SecondOffsetClip:  0  0  0 -1  1  1 -1 -1
ThirdOffsetClip:  -1  0 -1  0 -1  0 -1  0

Block 634:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:55 S01:48 S11:57 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:16 S01:0 S11:13 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:48 S11:42 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:24 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:48 S11:45 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:68 S01:0 S11:0 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:60 S11:50 S02:36 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:72 S11:53 S02:24 S12:55 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  4  3  1  2  2  4
Diff_de:           1  1 -1  1  0 -1  0  1
Diff_c:           -1  0 -1 -1  1  0 -1 -1
Diff_f:            0  0 -1  0  0  0 -1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  2  0  3  1  2
# Filtered pixels: 3  3  3  4  3  3  3  3
# Filtered P pix:  0  1  0  1  0  1  0  0
# Filtered Q pix:  1  0  1  1  1  0  1  1
FirstOffset:       1  1  0  1  0 -2  0  1
SecondOffset:     -1  1 -1  0  1 -1 -1 -1
ThirdOffset:       0  1  0  0  0  0 -1  0
FirstOffsetClip:   1  1  0  1  0 -2  0  1
SecondOffsetClip: -1  1 -1  0  1 -1 -1 -1
ThirdOffsetClip:   0  1  0  0  0  0 -1  0

Block 635:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:57 S01:36 S11:34 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:47 S01:0 S11:39 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:24 S01:36 S11:44 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:70 S01:0 S11:0 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:24 S01:48 S11:47 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:50 S01:24 S11:16 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:65 S01:48 S11:42 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:16 S01:12 S11:18 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  3  2  4  3  4  2
Diff_de:           0  1  1  1 -1  1  1 -1
Diff_c:            1  0 -1  0  1  0  1  0
Diff_f:            0  0  0  0  1  1  1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  2  3  3  3  2  2
# Filtered pixels: 4  4  4  4  3  3  3  3
# Filtered P pix:  1  1  1  1  0  1  0  1
# Filtered Q pix:  1  1  1  1  1  0  1  0
FirstOffset:      -1  1  1  1 -1  2  1 -1
SecondOffset:      0  1  0  1  1  1  2  0
ThirdOffset:       1 -1  0  0  1  0  0 -1
FirstOffsetClip:  -1  1  1  1 -1  2  1 -1
SecondOffsetClip:  0  1  0  1  1  1  1  0
ThirdOffsetClip:   1 -1  0  0  1  0  0 -1

Block 636:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:21 S02:60 S12:65 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:55 S01:48 S11:42 S02:36 S12:24 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:13 S01:36 S11:50 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:49 S01:24 S11:21 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:44 S01:24 S11:21 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:47 S01:0 S11:0 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:57 S01:36 S11:29 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:49 S01:60 S11:55 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  0  1  1  2  0  2
Diff_de:           1 -1  0  0  0 -1  0 -1
Diff_c:            1  0  0 -1 -1  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  0  4  3  0
# Filtered pixels: 2  2  3  2  2  4  3  3
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  1  0  0  1  1  1
FirstOffset:       1 -1  0  0  0 -1  1  0
SecondOffset:      1 -2 -1 -1 -1 -1  0  1
ThirdOffset:       1  0  0 -1 -1  1 -1  0
FirstOffsetClip:   1 -1  0  0  0 -1  1  0
SecondOffsetClip:  1 -1 -1 -1 -1 -1  0  1
ThirdOffsetClip:   1  0  0 -1 -1  1 -1  0

Block 637:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:49 S01:48 S11:57 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:50 S01:36 S11:34 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:31 S01:36 S11:49 S02:24 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:68 S01:12 S11:44 S02:60 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:39 S01:60 S11:60 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:21 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:16 S01:36 S11:50 S02:48 S12:52 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  1  2  1  1  1  2
Diff_de:           0  1  0 -1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  1  0 -1  1 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  2  0  0  2
# Filtered pixels: 3  3  2  3  2  3  3  2
# Filtered P pix:  0  0  0  1  0  1  1  0
# Filtered Q pix:  1  1  0  0  0  0  0  0
FirstOffset:       0  2  0 -2 -1  0  0 -1
SecondOffset:      1  2 -1 -1 -2  0  0 -1
ThirdOffset:       0 -1  1  0  0  1 -1  2
FirstOffsetClip:   0  1  0 -1 -1  0  0 -1
SecondOffsetClip:  1  1 -1 -1 -1  0  0 -1
ThirdOffsetClip:   0 -1  1  0  0  1 -1  1

Block 638:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
```

```
Row:1 S0:26 S01:36 S11:50 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:42 S01:24 S11:31 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:24 S11:26 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:50 S01:60 S11:55 S02:24 S12:16 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:34 S01:12 S11:31 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:13 S01:48 S11:47 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:49 S01:0 S11:26 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:36 S11:50 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  3  2  2  3  1  0  2
Diff_de:           0  1  0 -1 -1  0  0  1
Diff_c:            0 -1  1  0  0  0  0  0
Diff_f:            0  0 -1  0  1  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  0  0  3
# Filtered pixels: 2  3  2  2  3  2  4  3
# Filtered P pix:  0  0  0  0  1  0  1  0
# Filtered Q pix:  0  1  0  0  0  0  1  1
FirstOffset:       0  1  0 -2 -1  0  0  1
SecondOffset:      1  0  1  0  0 -1  0  1
ThirdOffset:       1  0 -1  2  1  1  0 -1
FirstOffsetClip:   0  1  0 -1 -1  0  0  1
SecondOffsetClip:  1  0  1  0  0 -1  0  1
ThirdOffsetClip:   1  0 -1  1  1  1  0 -1

Block 639:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:0 S01:24 S11:31 S02:36 S12:50 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:32 S01:0 S11:0 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:45 S01:36 S11:24 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:0 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:12 S11:8 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:13 S01:48 S11:42 S02:24 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  1  3  0  0  0  1
Diff_de:           0 -2  0  1  0  0  0  0
Diff_c:           -1  0  1 -1  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  0  2  0  0  4  0
# Filtered pixels: 2  4  3  2  4  4  4  2
# Filtered P pix:  0  1  0  0  1  1  1  0
# Filtered Q pix:  0  1  1  0  1  1  1  0
FirstOffset:       0 -2  0  2  0  0  1  0
SecondOffset:     -1 -1  1  0  0  0  1 -1
ThirdOffset:      -1  1  0  0  0  0 -1  1
FirstOffsetClip:   0 -1  0  1  0  0  1  0
SecondOffsetClip: -1 -1  1  0  0  0  1 -1
ThirdOffsetClip:  -1  1  0  0  0  0 -1  1

Block 640:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:45 S02:24 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:24 S11:31 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:48 S11:37 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:34 S01:24 S11:26 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:39 S01:12 S11:8 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:44 S01:0 S11:39 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:12 S11:18 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:39 S01:60 S11:45 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  2  1  0  0  2  2
Diff_de:           0 -1 -1  0  0  0 -1 -1
Diff_c:            0  1  0  1  0  0  0  0
Diff_f:           -1  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  3  3  0  4  2
# Filtered pixels: 2  2  3  3  4  3  4  3
# Filtered P pix:  0  0  0  0  1  1  1  0
# Filtered Q pix:  0  0  1  1  1  0  1  1
FirstOffset:       0 -1 -1  1  1  0 -1 -1
SecondOffset:     -1  0 -2  1  0  0 -1 -2
ThirdOffset:      -1  2  0 -1 -1  1  1  0
FirstOffsetClip:   0 -1 -1  1  1  0 -1 -1
```

```
SecondOffsetClip: -1  0 -1  1  0  0 -1 -1
ThirdOffsetClip:  -1  1  0 -1 -1  1  1  0

Block 641:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:39 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:39 S01:60 S11:60 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:24 S01:24 S11:21 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:48 S11:42 S02:24 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:24 S11:29 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:63 S01:12 S11:13 S02:0 S12:39 ActOverall:0 Act1:3 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
Row:7 S0:39 S01:0 S11:0 S02:48 S12:57 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:0 S01:0 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  2  0  2  0
Diff_de:           1 -1  0  0 -1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  0  2  4  3  0
# Filtered pixels: 4  3  2  2  3  4  3  3
# Filtered P pix:  1  0  0  0  0  1  1  1
# Filtered Q pix:  1  1  0  0  1  1  0  0
FirstOffset:       1 -1  1  0 -1 -2 -1  0
SecondOffset:      1 -2  1 -1 -1 -1 -1  0
ThirdOffset:       0  0  0  1  0  1  2 -1
FirstOffsetClip:   1 -1  1  0 -1 -1 -1  0
SecondOffsetClip:  1 -1  1 -1 -1 -1 -1  0
ThirdOffsetClip:   0  0  0  1  0  1  1 -1

Block 642:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:36 S01:36 S11:34 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:60 S11:50 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:24 S11:42 S02:36 S12:24 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:48 S11:45 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:29 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:47 S01:24 S11:36 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:57 S01:60 S11:55 S02:60 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  3  2  2  2  3  3  0
Diff_de:           0  1  0  1 -1  1 -1  0
Diff_c:            0  0 -1  0  0 -1  0  0
Diff_f:            0 -1  1  0  0  0  1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  1  2  3  3  3  2
# Filtered pixels: 3  3  3  2  4  4  3  2
# Filtered P pix:  0  0  1  0  1  1  0  0
# Filtered Q pix:  1  1  0  0  1  1  1  0
FirstOffset:       0  1  0  1 -1  1 -1 -1
SecondOffset:     -1 -1 -1 -1  0  0  0 -2
ThirdOffset:       0 -1  1  0  1 -1  1 -1
FirstOffsetClip:   0  1  0  1 -1  1 -1 -1
SecondOffsetClip: -1 -1 -1 -1  0  0  0 -1
ThirdOffsetClip:   0 -1  1  0  1 -1  1 -1

Block 643:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:44 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:18 S01:24 S11:21 S02:12 S12:73 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:36 S11:24 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:60 S01:24 S11:29 S02:48 S12:57 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:48 S11:42 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:21 S01:12 S11:8 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:36 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  4  3  0  4  4  2
Diff_de:           1  0 -1 -1  0 -1  1 -1
Diff_c:            0 -1  1  1  0 -1 -1  0
Diff_f:            0  0 -1  0  0 -1 -1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 4  1  2  2  0  3  3  1
# Filtered pixels: 4  4  3  3  2  4  4  3
# Filtered P pix:  1  1  0  1  0  1  1  0
```

```
# Filtered Q pix:  1  1  1  0  0  1  1  1
FirstOffset:       1  0 -1 -1  0 -1  1  0
SecondOffset:      1 -1  0  0  1 -1  0 -1
ThirdOffset:      -1  0  0  2 -1  0 -1 -1
FirstOffsetClip:   1  0 -1 -1  0 -1  1  0
SecondOffsetClip:  1 -1  0  0  1 -1  0 -1
ThirdOffsetClip:  -1  0  0  1 -1  0 -1 -1

Block 644:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:31 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:18 S01:24 S11:26 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:58 S01:48 S11:42 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:12 S11:21 S02:24 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:8 S01:36 S11:24 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:45 S01:0 S11:26 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:63 S01:36 S11:29 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  1  3  3  1  3  2
Diff_de:           1  0  0  2  1  0  2 -1
Diff_c:            0 -1  0  0  0  1  0  0
Diff_f:            0  1 -1  1  1  0  1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 4  1  1  3  2  0  4  2
# Filtered pixels: 4  4  4  3  4  3  4  2
# Filtered P pix:  1  1  1  0  1  0  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:       1  0  0  2  1  0  2 -2
SecondOffset:      1 -1  0  0  0  1  1  0
ThirdOffset:      -1  0 -1 -1  0  0 -1  2
FirstOffsetClip:   1  0  0  1  1  0  1 -1
SecondOffsetClip:  1 -1  0  0  0  1  1  0
ThirdOffsetClip:  -1  0 -1 -1  0  0 -1  1

Block 645:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:60 S11:55 S02:36 S12:44 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:12 S11:60 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:12 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:24 S11:31 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:32 S01:0 S11:13 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:40 S01:48 S11:42 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:24 S11:16 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  1  2  4  4  3  3  4
Diff_de:          -1  0  1  1 -1 -1  2 -1
Diff_c:            1  0  0  1  1 -1 -1 -1
Diff_f:            1 -1  0 -1 -1  0  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  4  2  3  3  3
# Filtered pixels: 4  2  4  4  4  3  3  3
# Filtered P pix:  1  0  1  1  1  1  0  1
# Filtered Q pix:  1  0  1  1  1  0  1  0
FirstOffset:      -1  0  1  1 -1 -2  2 -1
SecondOffset:      0 -1  0  1  0 -1  0 -1
ThirdOffset:       1 -1  0 -1  0  0 -1  0
FirstOffsetClip:  -1  0  1  1 -1 -2  2 -1
SecondOffsetClip:  0 -1  0  1  0 -1  0 -1
ThirdOffsetClip:   1 -1  0 -1  0  0 -1  0

Block 646:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:13 S01:48 S11:57 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:21 S01:24 S11:42 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:13 S01:48 S11:57 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:26 S01:48 S11:57 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:32 S01:36 S11:44 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:65 S01:48 S11:37 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:34 S01:0 S11:0 S02:60 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:31 S01:36 S11:44 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  4  4  4  3  4  1  2
Diff_de:           0 -1 -1  1 -1 -1  0  0
Diff_c:            2 -1 -2  2  1  1  0  2
Diff_f:            1 -1  2  1  0  1  2  1
```

```
'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  1  1  3  3  3  2
# Filtered pixels: 3  4  3  3  4  3  3  4
# Filtered P pix:  0  1  0  0  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:       0 -1  0  0 -2 -1  1  0
SecondOffset:      1 -1 -1  1  0  1  1  1
ThirdOffset:       1  0  1  1  1  1  1  1
FirstOffsetClip:   0 -1  0  0 -2 -1  1  0
SecondOffsetClip:  1 -1 -1  1  0  1  1  1
ThirdOffsetClip:   1  0  1  1  1  1  1  1

Block 647:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:49 S01:36 S11:49 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:24 S11:31 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:57 S02:36 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:70 S01:24 S11:26 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:13 S01:12 S11:34 S02:12 S12:57 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:31 S01:24 S11:21 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:44 S01:60 S11:65 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:60 S11:40 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  2  0  2  1  0
Diff_de:           0  0  0 -1  0  0  0  0
Diff_c:            0  1  0  0  0  1  0  0
Diff_f:            0 -1  0  0  0  1  1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  0  0  0  3
# Filtered pixels: 3  2  3  3  4  2  2  3
# Filtered P pix:  0  0  1  0  1  0  0  0
# Filtered Q pix:  1  0  0  1  1  0  0  1
FirstOffset:       0  1  0 -1  0  0  0 -1
SecondOffset:      1  1  0 -1  0  1  1 -2
ThirdOffset:       0 -1 -1  1  0  1  1  1
FirstOffsetClip:   0  1  0 -1  0  0  0 -1
SecondOffsetClip:  1  1  0 -1  0  1  1 -1
ThirdOffsetClip:   0 -1 -1  1  0  1  1  1

Block 648:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
```

```
Row:1 S0:37 S01:12 S11:21 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:48 S11:42 S02:24 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:24 S11:16 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:57 S01:0 S11:39 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:13 S01:12 S11:18 S02:48 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:40 S01:0 S11:26 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:36 S11:24 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:13 S01:36 S11:34 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  1  3  2  1  3  2  0
Diff_de:          -1  0 -1 -1  0  1 -1  0
Diff_c:            0  0  1  0  1  0  0  0
Diff_f:            0 -1  0  0  0  1  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  3  0  3  2  0
# Filtered pixels: 3  2  3  3  3  3  3  2
# Filtered P pix:  1  0  0  1  1  1  0  0
# Filtered Q pix:  0  0  1  0  0  0  1  0
FirstOffset:      -1  1 -1 -1  0  2 -1  0
SecondOffset:      0  2  0 -1  0  1  0  1
ThirdOffset:      -1 -1  1 -1 -1 -1  0 -1
FirstOffsetClip:  -1  1 -1 -1  0  1 -1  0
SecondOffsetClip:  0  1  0 -1  0  1  0  1
ThirdOffsetClip:  -1 -1  1 -1 -1 -1  0 -1

Block 649:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:29 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:47 S01:12 S11:8 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:29 S01:24 S11:26 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:31 S01:24 S11:16 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:0 S11:26 S02:36 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:16 S01:12 S11:18 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:40 S01:12 S11:60 S02:0 S12:65 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:36 S11:50 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  2  0
Diff_de:           0  1  0  0  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  0  3  2  3  2
# Filtered pixels: 2  3  2  3  3  2  3  2
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  1  0  1  0  0  1  0
FirstOffset:       1  1 -1  0 -1 -1  2 -1
SecondOffset:      0  1 -1  1 -1  0  1 -1
ThirdOffset:       0 -1 -1  0  0  0 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 650:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:13 S02:60 S12:45 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:49 S01:48 S11:57 S02:12 S12:44 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:48 S11:57 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:24 S11:36 S02:60 S12:40 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:48 S11:37 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:50 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:48 S11:37 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:47 S01:36 S11:50 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  4  4  2  3  4  3
Diff_de:          -1  0  1  1  0  1  1  1
Diff_c:           -1 -1  1 -1 -1  1 -1  0
Diff_f:            1 -1 -1  1  1  0  1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  2  4  2  2
# Filtered pixels: 3  3  3  3  2  4  2  3
# Filtered P pix:  1  0  0  1  0  1  0  1
# Filtered Q pix:  0  1  1  0  0  1  0  0
FirstOffset:       0  0  1  1  1  2  1  1
SecondOffset:      0 -1  2  0 -1  1 -1  0
ThirdOffset:       1  0 -1  1  1 -1  1 -2
FirstOffsetClip:   0  0  1  1  1  2  1  1
```

```
SecondOffsetClip:  0 -1  1  0 -1  1 -1  0
ThirdOffsetClip:   1  0 -1  1  1 -1  1 -1

Block 651:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:32 S01:36 S11:29 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:57 S01:48 S11:42 S02:48 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:16 S01:24 S11:21 S02:36 S12:24 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:36 S11:29 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:37 S01:36 S11:34 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:0 S11:0 S02:24 S12:31 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:31 S01:12 S11:8 S02:12 S12:21 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:50 S01:48 S11:47 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  2  0  0  2
# Filtered pixels: 2  2  2  2  2  3  4  2
# Filtered P pix:  0  0  0  0  0  1  1  0
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:      -2  1  1  0  1  0  0  2
SecondOffset:      0 -1  0  1  0  0  0  0
ThirdOffset:       0 -2  0 -1  0  1  0  0
FirstOffsetClip:  -1  1  1  0  1  0  0  1
SecondOffsetClip:  0 -1  0  1  0  0  0  0
ThirdOffsetClip:   0 -1  0 -1  0  1  0  0

Block 652:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:24 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:12 S11:18 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:36 S11:39 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:36 S11:54 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:48 S11:45 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:13 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:36 S11:29 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:24 S11:21 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  0  0  2  2  3
Diff_de:           0 -1  1  0  0  0 -1 -1
Diff_c:           -1  0  0  0  0  1  0 -1
Diff_f:            1  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  0  0  0  2  3
# Filtered pixels: 3  3  3  3  2  2  2  3
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  1  0  1  1  0  0  0  1
FirstOffset:       0 -1  1  0  0  0 -1 -1
SecondOffset:     -1 -1  1  1  1  1  0 -1
ThirdOffset:       0  0 -1  0  1 -1  1  1
FirstOffsetClip:   0 -1  1  0  0  0 -1 -1
SecondOffsetClip: -1 -1  1  1  1  1  0 -1
ThirdOffsetClip:   0  0 -1  0  1 -1  1  1

Block 653:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:12 S11:60 S02:36 S12:49 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:37 S01:0 S11:26 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:31 S01:48 S11:42 S02:24 S12:55 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:8 S01:48 S11:42 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:24 S11:26 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:24 S11:36 S02:48 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:8 S01:24 S11:36 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  1  3  3  3  1
Diff_de:           1  1 -1  0  1  1  1  0
Diff_c:            0  0  0  0  0 -1  1 -1
Diff_f:            0  0  0  1 -1  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  0  0  2  0
# Filtered pixels: 3  3  3  2  2  2  2  3
# Filtered P pix:  1  1  1  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0  1 -1  0  0  0  1  0
SecondOffset:      0  0 -1 -1  1 -1  1 -1
ThirdOffset:       1  0 -1  1 -1  1  1  0
FirstOffsetClip:   0  1 -1  0  0  0  1  0
SecondOffsetClip:  0  0 -1 -1  1 -1  1 -1
ThirdOffsetClip:   1  0 -1  1 -1  1  1  0

Block 654:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:0 S01:0 S11:0 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:18 S01:36 S11:37 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:52 S01:36 S11:39 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:44 S01:24 S11:16 S02:48 S12:32 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:16 S01:12 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:47 S01:12 S11:57 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:45 S01:12 S11:57 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:26 S01:24 S11:16 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  0  2  0  3  2  2  3
Diff_de:           0  0  1  0  1  1  2  1
Diff_c:            0  0  0  0  1  0  0 -1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  3  3  4  0
# Filtered pixels: 4  2  3  2  3  4  4  3
# Filtered P pix:  1  0  0  0  1  1  1  0
# Filtered Q pix:  1  0  1  0  0  1  1  1
FirstOffset:       0  0  1  0  1  1  2  0
SecondOffset:      0  1  1  1  1  0  1 -1
ThirdOffset:       0  1  0  1 -1 -1 -1  0
FirstOffsetClip:   0  0  1  0  1  1  1  0
SecondOffsetClip:  0  1  1  1  1  0  1 -1
ThirdOffsetClip:   0  1  0  1 -1 -1 -1  0

Block 655:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:57 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:49 S01:12 S11:21 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:49 S01:12 S11:73 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:65 S01:36 S11:34 S02:24 S12:21 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:42 S01:36 S11:37 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:18 S01:24 S11:31 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:18 S01:12 S11:44 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:50 S01:48 S11:37 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  0
Diff_de:          -1  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  3  0  0  2
# Filtered pixels: 4  3  3  2  3  2  4  2
# Filtered P pix:  1  1  1  0  0  0  1  0
# Filtered Q pix:  1  0  0  0  1  0  1  0
FirstOffset:       0  0  0  1 -1  0  0 -2
SecondOffset:      0  0  0  0 -1 -1  0  0
ThirdOffset:       0  1 -1 -1  1  1  0  1
FirstOffsetClip:   0  0  0  1 -1  0  0 -1
SecondOffsetClip:  0  0  0  0 -1 -1  0  0
ThirdOffsetClip:   0  1 -1 -1  1  1  0  1

Block 656:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:24 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:48 S11:42 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:31 S01:12 S11:44 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:45 S01:48 S11:57 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:24 S11:55 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:8 S01:60 S11:50 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:58 S01:12 S11:60 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:0 S01:48 S11:37 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  2  0  0  2  0
Diff_de:           0  1  0 -1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  0  0  4  0
# Filtered pixels: 2  3  4  3  2  3  4  2
# Filtered P pix:  0  0  1  0  0  0  1  0
# Filtered Q pix:  0  1  1  1  0  1  1  0
FirstOffset:       0  1  0 -2  0  0 -2  0
SecondOffset:     -1 -1  0  0  1  1 -1 -1
ThirdOffset:      -1 -1  0  1 -1  0  1  1
FirstOffsetClip:   0  1  0 -1  0  0 -1  0
SecondOffsetClip: -1 -1  0  0  1  1 -1 -1
ThirdOffsetClip:  -1 -1  0  1 -1  0  1  1

Block 657:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:37 S01:36 S11:24 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:29 S01:12 S11:60 S02:36 S12:24 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:60 S11:60 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:18 S01:12 S11:34 S02:60 S12:65 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:16 S01:24 S11:42 S02:36 S12:24 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:0 S01:36 S11:29 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:32 S01:24 S11:21 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:47 S01:12 S11:44 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  2  0  3  2
Diff_de:           1 -1  1  0  1  0 -1 -1
Diff_c:            0  0  0  0  0  0  1  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  2  0  3  2
# Filtered pixels: 2  3  3  3  2  3  3  3
# Filtered P pix:  0  1  0  1  0  0  0  1
# Filtered Q pix:  0  0  1  0  0  1  1  0
FirstOffset:       1 -1  0  0  1  0 -2 -1
SecondOffset:      0 -1 -1  0  0 -1 -1  0
ThirdOffset:       1  0  0 -1  0  0  1  1
FirstOffsetClip:   1 -1  0  0  1  0 -1 -1
SecondOffsetClip:  0 -1 -1  0  0 -1 -1  0
ThirdOffsetClip:   1  0  0 -1  0  0  1  1

Block 658:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
```

```
Row:1 S0:24 S01:36 S11:49 S02:36 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:36 S11:44 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:34 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:24 S11:29 S02:36 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:21 S01:24 S11:16 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:24 S11:31 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:24 S11:42 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  0  1  2  0  4  4
Diff_de:          -1  0  0  0  0  0 -1  1
Diff_c:            1  1  0  0  1  0  1  1
Diff_f:           -1  1  0 -1  1  0 -1 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  1  1  3  2  4
# Filtered pixels: 2  3  4  4  3  4  4  4
# Filtered P pix:  0  0  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  0  1  1  1
FirstOffset:      -1  0  0  0  0  1 -1  1
SecondOffset:      0  1  0  0  1  0  0  1
ThirdOffset:       0  0  0 -1  1 -1  0 -1
FirstOffsetClip:  -1  0  0  0  0  1 -1  1
SecondOffsetClip:  0  1  0  0  1  0  0  1
ThirdOffsetClip:   0  0  0 -1  1 -1  0 -1

Block 659:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:29 S02:24 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:21 S01:12 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:12 S11:13 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:37 S01:0 S11:39 S02:60 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:16 S01:36 S11:39 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:50 S01:24 S11:31 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:36 S11:44 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:12 S11:47 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  2  2  3  3  2  0
Diff_de:           0  0  1  1  1  1  1  0
Diff_c:            1  0  0  0  0 -1  0  0
Diff_f:           -1  1  0  0 -1  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  4  3  3  4  2  0
# Filtered pixels: 4  3  4  3  3  4  2  4
# Filtered P pix:  1  1  1  1  0  1  0  1
# Filtered Q pix:  1  0  1  0  1  1  0  1
FirstOffset:       0  1  1  1  1  2  1  0
SecondOffset:      1  0  1  1  0  1  0  0
ThirdOffset:      -1  0 -1  1 -1 -1  0  0
FirstOffsetClip:   0  1  1  1  1  1  1  0
SecondOffsetClip:  1  0  1  1  0  1  0  0
ThirdOffsetClip:  -1  0 -1  1 -1 -1  0  0

Block 660:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:13 S02:36 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:36 S11:39 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:0 S11:0 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:42 S01:12 S11:18 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:36 S01:12 S11:31 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:24 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:45 S01:0 S11:13 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:24 S11:21 S02:72 S12:68 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  2  2  2  4  2  1
Diff_de:          -1  0  2  1  0  1  2  0
Diff_c:            0 -1  0  0  1  1  0  1
Diff_f:           -1  1  0  0  1  1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  4  1  3  3  2
# Filtered pixels: 3  3  3  4  4  3  3  3
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  0  1  0  1  1  0  0  0
FirstOffset:      -1  0  1  1  0  1  2 -1
SecondOffset:     -1 -1  1  1  0  1  1  0
ThirdOffset:       0  0  1 -1  1  1  0  2
FirstOffsetClip:  -1  0  1  1  0  1  2 -1
```

```
SecondOffsetClip: -1 -1  1  1  0  1  1  0
ThirdOffsetClip:   0  0  1 -1  1  1  0  1

Block 661:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:18 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:36 S11:37 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:16 S01:36 S11:34 S02:24 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:31 S01:24 S11:16 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:26 S01:24 S11:21 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:70 S01:24 S11:49 S02:36 S12:54 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:36 S11:24 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  2
Diff_de:           0 -1  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  0  0  2  0
# Filtered pixels: 4  2  2  2  2  3  2  3
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  1  0  1
FirstOffset:       0  0 -1  0  0  0  1  0
SecondOffset:      0  1 -1  1  1 -1  1  1
ThirdOffset:       0  1  1 -1  1  0  0  0
FirstOffsetClip:   0  0 -1  0  0  0  1  0
SecondOffsetClip:  0  1 -1  1  1 -1  1  1
ThirdOffsetClip:   0  1  1 -1  1  0  0  0

Block 662:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:8 S02:12 S12:73 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:0 S11:13 S02:12 S12:8 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:24 S11:26 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:60 S11:45 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:37 S01:36 S11:39 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:8 S01:0 S11:13 S02:12 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:42 S01:36 S11:24 S02:0 S12:65 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:24 S11:26 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  2  0  0  2  0
Diff_de:          -1 -1  0  1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  2  2  0  3  0
# Filtered pixels: 2  3  2  2  2  3  3  2
# Filtered P pix:  0  1  0  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:      -1 -1 -1  1  1  0 -1  0
SecondOffset:     -1 -1  0 -1  0  0  0 -1
ThirdOffset:       1  0  0 -1  0  0  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 663:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:8 S02:36 S12:34 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:36 S11:24 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:24 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:12 S11:73 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:29 S01:24 S11:21 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:18 S01:24 S11:26 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:12 S11:13 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:12 S11:34 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  4  1  2  3  1  2  1
Diff_de:           0  1  0 -1  1  0  1  0
Diff_c:            0  1 -1  0 -1  1  0  0
Diff_f:            0 -1  0  0  0  0  0 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  3  0  3  3
# Filtered pixels: 3  3  2  4  3  3  4  3
# Filtered P pix:  1  0  0  1  0  0  1  1
```

```
# Filtered Q pix:  0  1  0  1  1  1  1  0
FirstOffset:       0  1  0 -1  1  0  1  1
SecondOffset:      0  1 -1 -1  0  1  0  1
ThirdOffset:      -1 -1 -1  0 -1  0 -1 -1
FirstOffsetClip:   0  1  0 -1  1  0  1  1
SecondOffsetClip:  0  1 -1 -1  0  1  0  1
ThirdOffsetClip:  -1 -1 -1  0 -1  0 -1 -1

Block 664:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:31 S01:48 S11:57 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:18 S01:48 S11:37 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:21 S02:12 S12:60 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:70 S01:24 S11:36 S02:72 S12:68 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:16 S01:12 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:42 S01:0 S11:65 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:47 S01:24 S11:21 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:0 S01:12 S11:44 S02:60 S12:65 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  3  4  2  0
# Filtered pixels: 3  2  4  2  3  4  2  3
# Filtered P pix:  0  0  1  0  1  1  0  1
# Filtered Q pix:  1  0  1  0  0  1  0  0
FirstOffset:       0  0 -1 -1 -1 -1 -1  0
SecondOffset:      1 -1  0 -1 -1 -1  0  0
ThirdOffset:       0  1  1 -1  0  1  1  1
FirstOffsetClip:   0  0 -1 -1 -1 -1 -1  0
SecondOffsetClip:  1 -1  0 -1 -1 -1  0  0
ThirdOffsetClip:   0  1  1 -1  0  1  1  1

Block 665:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:13 S02:12 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:31 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:12 S11:18 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:42 S01:12 S11:8 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:32 S01:24 S11:29 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:34 S01:12 S11:34 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:42 S01:12 S11:18 S02:24 S12:36 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:60 S01:24 S11:26 S02:72 S12:73 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  2  4  0  3  3
Diff_de:           0  1  1 -1  2  0  1  1
Diff_c:            0  0  0  0 -1  0  0  1
Diff_f:            0  0  0  0 -1  0  1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  3  4  4  3  3
# Filtered pixels: 4  4  4  3  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  0  1  1  1  0
FirstOffset:       0  0  1 -1  2 -1  1  1
SecondOffset:      0  0  0 -1  1 -1  1  1
ThirdOffset:       0  0 -1  0 -2  1  0  1
FirstOffsetClip:   0  0  1 -1  1 -1  1  1
SecondOffsetClip:  0  0  0 -1  1 -1  1  1
ThirdOffsetClip:   0  0 -1  0 -1  1  0  1

Block 666:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:68 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:50 S01:24 S11:29 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:47 S01:24 S11:42 S02:12 S12:34 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:8 S01:36 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:57 S01:60 S11:55 S02:36 S12:29 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:12 S11:18 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:36 S11:39 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:12 S11:47 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  3  2  3  4  2  0
Diff_de:          -1  1 -1  0 -1  1  0  0
Diff_c:            1 -1 -1  1  0  1  1  0
Diff_f:            1  0  0 -1  1 -1 -1  0
```

```
'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  4  1  2  1  1  0
# Filtered pixels: 4  4  4  3  2  4  3  4
# Filtered P pix:  1  1  1  0  0  1  0  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:      -1  2 -1  0 -1  0  0  0
SecondOffset:      0  1 -1  1  1  0  1  0
ThirdOffset:       1 -1  1 -1  1 -1 -1  0
FirstOffsetClip:  -1  2 -1  0 -1  0  0  0
SecondOffsetClip:  0  1 -1  1  1  0  1  0
ThirdOffsetClip:   1 -1  1 -1  1 -1 -1  0

Block 667:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:8 S01:0 S11:39 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:57 S01:24 S11:21 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:26 S01:24 S11:16 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:12 S11:47 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:36 S11:29 S02:0 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:24 S11:26 S02:36 S12:49 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:63 S01:36 S11:24 S02:24 S12:36 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:13 S01:36 S11:39 S02:60 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 1  0  1  3  2  3  2  0
Diff_de:           0  0  0  1 -1  1 -2  0
Diff_c:            0  0 -1  0  0 -1  0  0
Diff_f:            1  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  3  2  2  0
# Filtered pixels: 3  2  3  3  3  2  2  2
# Filtered P pix:  1  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  1  0  1  0  0  0
FirstOffset:       0  1  0  0 -1  1 -2  0
SecondOffset:      0  1 -1  0  0  0 -2  1
ThirdOffset:       1  0  0 -1  1  0  1 -1
FirstOffsetClip:   0  1  0  0 -1  1 -1  0
SecondOffsetClip:  0  1 -1  0  0  0 -1  1
ThirdOffsetClip:   1  0  0 -1  1  0  1 -1

Block 668:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:0 S11:26 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:36 S11:29 S02:48 S12:57 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:24 S11:26 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:48 S11:32 S02:48 S12:37 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:12 S11:13 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:60 S11:45 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:18 S01:24 S11:29 S02:48 S12:57 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:0 S11:26 S02:36 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  1  2  4  3  3  1  1
Diff_de:           0  0  0  1  1 -1  0  0
Diff_c:            0  1 -1 -1  0  0 -1  0
Diff_f:            0  0  1  1 -1  1  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  0  0  3  1  3
# Filtered pixels: 3  2  4  2  3  3  3  3
# Filtered P pix:  1  0  1  0  1  0  1  1
# Filtered Q pix:  0  0  1  0  0  1  0  0
FirstOffset:      -1  0  0  0  0 -1  0  1
SecondOffset:     -1  1 -1 -1  0  1 -1  1
ThirdOffset:       2 -1  1  1 -1  1  1  0
FirstOffsetClip:  -1  0  0  0  0 -1  0  1
SecondOffsetClip: -1  1 -1 -1  0  1 -1  1
ThirdOffsetClip:   1 -1  1  1 -1  1  1  0

Block 669:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:0 S11:26 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:42 S01:36 S11:24 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:34 S01:24 S11:49 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:55 S01:48 S11:57 S02:36 S12:63 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:12 S11:34 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:49 S01:36 S11:44 S02:72 S12:58 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:12 S11:13 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  3  3  2  0  0  1
Diff_de:           0  0  1  1 -1  0  0  0
Diff_c:            1  0 -1 -1  0  0  0  0
Diff_f:            1  0  0  0  0  0  0  1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  2  0  0  1
# Filtered pixels: 4  4  3  3  2  3  2  4
# Filtered P pix:  1  1  0  1  0  1  0  1
# Filtered Q pix:  1  1  1  0  0  0  0  1
FirstOffset:       0  0  1  1 -1  0  0  0
SecondOffset:      0  0  0  0  1  0  1  0
ThirdOffset:       0  0 -1  1  1 -1  2  1
FirstOffsetClip:   0  0  1  1 -1  0  0  0
SecondOffsetClip:  0  0  0  0  1  0  1  0
ThirdOffsetClip:   0  0 -1  1  1 -1  1  1

Block 670:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:13 S02:24 S12:36 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:44 S01:0 S11:26 S02:12 S12:8 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:50 S01:48 S11:37 S02:12 S12:18 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:37 S01:12 S11:8 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:39 S01:12 S11:8 S02:24 S12:36 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:54 S01:24 S11:21 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:70 S01:12 S11:18 S02:48 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:44 S01:36 S11:29 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  2  0  0  0  2
Diff_de:           0  1  0  1  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  2  0  2  0
# Filtered pixels: 3  3  2  2  2  2  2  3
# Filtered P pix:  1  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0  0 -2  1 -1  0 -1  0
SecondOffset:      0  0  0  0 -1  1  0 -1
ThirdOffset:       1  0  1  0  0  1  2  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 671:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:39 S01:0 S11:0 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:24 S11:42 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:31 S01:24 S11:49 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:48 S11:37 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:36 S11:34 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:24 S11:31 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:48 S11:37 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  2  2  2  4  1  4
Diff_de:           1  1  0  0  0  1  0 -1
Diff_c:            1  1  1  1  1 -1  1 -1
Diff_f:           -1  0 -1 -1 -1 -1  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 4  4  1  2  1  3  0  4
# Filtered pixels: 4  4  4  3  3  4  3  4
# Filtered P pix:  1  1  1  0  0  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  2  0 -1  0  1  0 -1
SecondOffset:      1  2  1  1  1  0  1 -1
ThirdOffset:      -1 -1  0  0 -1 -1  0  1
FirstOffsetClip:   1  2  0 -1  0  1  0 -1
SecondOffsetClip:  1  1  1  1  1  0  1 -1
ThirdOffsetClip:  -1 -1  0  0 -1 -1  0  1

Block 672:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:52 S01:36 S11:49 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:12 S11:13 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:24 S11:42 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:0 S11:52 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
```

```
Row:6 S0:31 S01:0 S11:26 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:36 S11:39 S02:0 S12:39 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:24 S11:21 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  1  3  0  2  1  1
Diff_de:          -1  0  0 -1  0  0  0  0
Diff_c:            1  0  0  1  0  1  1  1
Diff_f:            0  1  1  0  0 -1  0  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  1  2  0  0  3  3
# Filtered pixels: 3  4  4  3  4  3  3  3
# Filtered P pix:  0  1  1  0  1  1  0  1
# Filtered Q pix:  1  1  1  1  1  0  1  0
FirstOffset:      -1  1  0 -1  0  0  1  1
SecondOffset:      0  0 -1  0  0  0  1  1
ThirdOffset:       1  0  0  0  0 -1 -1 -2
FirstOffsetClip:  -1  1  0 -1  0  0  1  1
SecondOffsetClip:  0  0 -1  0  0  0  1  1
ThirdOffsetClip:   1  0  0  0  0 -1 -1 -1

Block 673:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:24 S01:24 S11:36 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:36 S11:39 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:12 S11:47 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:29 S01:12 S11:18 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:36 S11:39 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:12 S11:8 S02:24 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:16 S01:12 S11:21 S02:24 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:48 S11:52 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  0  0  0  0
Diff_de:           1  0 -1  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  0  0  3  2
# Filtered pixels: 3  2  3  3  2  3  3  3
# Filtered P pix:  0  0  1  1  0  1  1  0
```

```
# Filtered Q pix:  1  0  0  0  0  0  0  1
FirstOffset:       1  0 -1  1  0  0 -1 -1
SecondOffset:      0 -1 -1  0  1  0 -1  1
ThirdOffset:       0  1  0  1 -1 -1  1  0
FirstOffsetClip:   1  0 -1  1  0  0 -1 -1
SecondOffsetClip:  0 -1 -1  0  1  0 -1  1
ThirdOffsetClip:   0  1  0  1 -1 -1  1  0

Block 674:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:18 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:24 S01:60 S11:40 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:57 S01:0 S11:78 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:24 S11:26 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:36 S11:29 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:24 S11:21 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:31 S01:72 S11:73 S02:36 S12:63 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:29 S01:0 S11:13 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  0  0  2
Diff_de:           0 -1 -1  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  4  0  2  0  0  3
# Filtered pixels: 3  3  4  3  2  3  2  3
# Filtered P pix:  1  0  1  0  0  0  0  1
# Filtered Q pix:  0  1  1  1  0  1  0  0
FirstOffset:      -1 -1 -1  0 -1  0  0  1
SecondOffset:     -1  1 -1 -1  0  1 -2  1
ThirdOffset:       2  1  1  0  0  0 -1  1
FirstOffsetClip:  -1 -1 -1  0 -1  0  0  1
SecondOffsetClip: -1  1 -1 -1  0  1 -1  1
ThirdOffsetClip:   1  1  1  0  0  0 -1  1

Block 675:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:63 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:12 S11:73 S02:48 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:36 S11:37 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:42 S01:12 S11:8 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:29 S01:36 S11:29 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:0 S11:52 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:26 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:12 S11:8 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  3  2  2  1  2
Diff_de:          -1 -2 -1 -1 -1 -1  0  1
Diff_c:            0  0  0  0  0  0 -1  0
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  3  3  2  2
# Filtered pixels: 3  3  2  3  3  4  2  4
# Filtered P pix:  0  1  0  1  0  1  0  1
# Filtered Q pix:  1  0  0  0  1  1  0  1
FirstOffset:      -1 -2 -1 -1 -1 -1  1  1
SecondOffset:     -1 -1  0  0  0 -1  0  0
ThirdOffset:       1  0 -1  0  1  0  1  0
FirstOffsetClip:  -1 -1 -1 -1 -1 -1  1  1
SecondOffsetClip: -1 -1  0  0  0 -1  0  0
ThirdOffsetClip:   1  0 -1  0  1  0  1  0

Block 676:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:26 S01:12 S11:34 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:47 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:26 S01:36 S11:44 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:39 S01:0 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:26 S01:12 S11:18 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:8 S01:12 S11:47 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:29 S01:24 S11:16 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 3  1  4  1  2  4  0  2
Diff_de:          -1  0  1  0  1  1  0  1
Diff_c:           -1  0 -1  2  0  1  0  0
Diff_f:            0 -1 -1  0  0 -2  0  0
```

```
'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  1  4  1  0  2
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1  0  1  0  1  0  0  1
SecondOffset:     -1  0  0  1  1  0  0  0
ThirdOffset:       0  0 -1  0 -1 -1  0  0
FirstOffsetClip:  -1  0  1  0  1  0  0  1
SecondOffsetClip: -1  0  0  1  1  0  0  0
ThirdOffsetClip:   0  0 -1  0 -1 -1  0  0

Block 677:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:47 S01:0 S11:13 S02:24 S12:31 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:0 S11:13 S02:0 S12:26 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:21 S01:48 S11:52 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:8 S01:12 S11:31 S02:24 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:36 S11:63 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:36 S11:34 S02:24 S12:36 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:47 S01:12 S11:60 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:0 S11:26 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  2  0  0  2  0
Diff_de:           1 -1  0  1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  3  0  0  0  3  0
# Filtered pixels: 3  4  3  3  3  2  3  4
# Filtered P pix:  1  1  0  1  0  0  1  1
# Filtered Q pix:  0  1  1  0  1  0  0  1
FirstOffset:       1 -1 -1  0  0  0 -1  0
SecondOffset:      1 -1 -2  0  1 -1 -1  0
ThirdOffset:       0  1  1  1  0  1  1  0
FirstOffsetClip:   1 -1 -1  0  0  0 -1  0
SecondOffsetClip:  1 -1 -1  0  1 -1 -1  0
ThirdOffsetClip:   0  1  1  1  0  1  1  0

Block 678:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:60 S11:55 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:36 S11:29 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:0 S11:65 S02:24 S12:29 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:42 S01:12 S11:8 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:18 S01:24 S11:31 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:60 S11:50 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  0  3  2  2  3  0  3
Diff_de:           0  0 -1 -1  0  1  0 -1
Diff_c:            0  0  0  0  1  1  0  0
Diff_f:            0  0 -1  0 -1  0  0  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  4  0  0  0  2
# Filtered pixels: 3  2  3  4  3  4  2  3
# Filtered P pix:  0  0  1  1  0  1  0  1
# Filtered Q pix:  1  0  0  1  1  1  0  0
FirstOffset:       1  0 -1 -1  0  0  0 -1
SecondOffset:      2  1 -1 -1  1  0 -1  0
ThirdOffset:       0  1  0  1  0  0  1  1
FirstOffsetClip:   1  0 -1 -1  0  0  0 -1
SecondOffsetClip:  1  1 -1 -1  1  0 -1  0
ThirdOffsetClip:   0  1  0  1  0  0  1  1

Block 679:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:31 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:36 S01:60 S11:65 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:26 S01:12 S11:21 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:31 S01:24 S11:36 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:18 S01:24 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:60 S01:0 S11:13 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:16 S01:12 S11:31 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:39 S01:0 S11:39 S02:60 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 1  2  1  2  1  3  3  3
Diff_de:           0  0  0  0  0 -1  1  1
Diff_c:            1 -2  0 -1 -1  0 -1  0
Diff_f:            0  1  1 -2  0 -2  0 -2

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  0  1  1  3  3  3
# Filtered pixels: 4  3  3  3  4  3  4  3
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  0  1  0  1  0
FirstOffset:       0  0  0  0  0 -1  1  1
SecondOffset:      1 -1  0 -1 -1 -1  0  1
ThirdOffset:       0  1  1 -1  0 -1 -1 -2
FirstOffsetClip:   0  0  0  0  0 -1  1  1
SecondOffsetClip:  1 -1  0 -1 -1 -1  0  1
ThirdOffsetClip:   0  1  1 -1  0 -1 -1 -2

Block 680:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:57 S01:12 S11:13 S02:60 S12:50 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:45 S01:24 S11:31 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:8 S01:12 S11:21 S02:12 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:72 S11:53 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:29 S01:12 S11:8 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:63 S01:12 S11:34 S02:24 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:29 S01:12 S11:73 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:12 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  3  0  2  3  2  2  3
Diff_de:           0 -1  0 -1  1  2  1  1
Diff_c:            0  1  0  0  0  0  0  0
Diff_f:            0  0  0  0  1  0  0 -1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  2  2  3  3  2
# Filtered pixels: 3  3  4  2  3  3  3  3
# Filtered P pix:  1  0  1  0  1  1  1  1
# Filtered Q pix:  0  1  1  0  0  0  0  0
FirstOffset:      -1 -2  0 -1  1  2  1  1
SecondOffset:     -1 -1  0  1  0  1  1  0
ThirdOffset:      -1  1  0 -1  0 -1  0 -1
FirstOffsetClip:  -1 -1  0 -1  1  1  1  1
```

```
SecondOffsetClip: -1 -1  0  1  0  1  1  0
ThirdOffsetClip:  -1  1  0 -1  0 -1  0 -1

Block 681:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:31 S01:48 S11:37 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:47 S01:24 S11:42 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:34 S01:12 S11:44 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:21 S01:0 S11:52 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:52 S01:24 S11:31 S02:48 S12:62 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:73 S01:36 S11:29 S02:0 S12:39 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:47 S01:12 S11:8 S02:48 S12:47 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:36 S01:48 S11:45 S02:72 S12:58 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  0  0  0  2  0
Diff_de:           0 -1 -1  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  3  2  3  2  0
# Filtered pixels: 2  2  2  3  2  3  2  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       0 -1 -1  1  1  1 -1  0
SecondOffset:      1  0  0  1  1  0 -1  1
ThirdOffset:       0  0  1 -1  1 -1 -1  2
FirstOffsetClip:   0 -1 -1  1  1  1 -1  0
SecondOffsetClip:  1  0  0  1  1  0 -1  1
ThirdOffsetClip:   0  0  1 -1  1 -1 -1  1

Block 682:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:70 S01:48 S11:42 S02:24 S12:21 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:8 S01:36 S11:34 S02:48 S12:47 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:29 S01:24 S11:36 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:49 S01:48 S11:32 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:36 S11:29 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:68 S01:48 S11:47 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:65 S01:12 S11:8 S02:60 S12:55 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:8 S01:0 S11:39 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  0  3  0  1  2  2  1
Diff_de:           1  0 -1  0  0 -1  1  0
Diff_c:            0  0  1  0  0  0  0  0
Diff_f:            0  0  0  0  1  0  0 -1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  0  2  3  0
# Filtered pixels: 2  2  3  2  3  2  3  4
# Filtered P pix:  0  0  0  0  0  0  1  1
# Filtered Q pix:  0  0  1  0  1  0  0  1
FirstOffset:       1  0 -1  0  0 -2  1  0
SecondOffset:      2  1  0 -1 -1  0  1  0
ThirdOffset:       0 -1  1 -1  0  2 -2  0
FirstOffsetClip:   1  0 -1  0  0 -1  1  0
SecondOffsetClip:  1  1  0 -1 -1  0  1  0
ThirdOffsetClip:   0 -1  1 -1  0  1 -1  0

Block 683:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:73 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:36 S11:63 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:26 S01:12 S11:13 S02:24 S12:36 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:57 S01:24 S11:49 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:45 S01:36 S11:34 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:24 S11:31 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:57 S01:24 S11:49 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:24 S11:36 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  2  0  2
Diff_de:           1 -1  0  0  0 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  2  2  3  3  3
# Filtered pixels: 4  3  3  2  2  3  3  3
# Filtered P pix:  1  0  1  0  0  0  0  0
```

```
# Filtered Q pix:  1  1  0  0  0  1  1  1
FirstOffset:       1 -1  0 -1 -2 -1 -1  1
SecondOffset:      1 -1  0  0  0  0 -1  0
ThirdOffset:      -1  1 -1  2  1  1  1 -1
FirstOffsetClip:   1 -1  0 -1 -1 -1 -1  1
SecondOffsetClip:  1 -1  0  0  0  0 -1  0
ThirdOffsetClip:  -1  1 -1  1  1  1  1 -1

Block 684:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:31 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:65 S01:24 S11:16 S02:48 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:13 S01:24 S11:29 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:24 S11:29 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:42 S01:12 S11:18 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:12 S11:47 S02:36 S12:49 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:60 S11:60 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:36 S11:50 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  2  3  2  1  2  3
Diff_de:           0 -1  0  1  1  0 -1  1
Diff_c:           -1  1 -1  1  0  0  0 -1
Diff_f:            1  1  1  0  0 -1  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  3  2  2  3  2
# Filtered pixels: 4  3  4  3  4  3  3  3
# Filtered P pix:  1  1  1  1  1  1  0  0
# Filtered Q pix:  1  0  1  0  1  0  1  1
FirstOffset:       0 -1  0  1  1 -1 -1  1
SecondOffset:     -1  0 -1  1  0  0  1  0
ThirdOffset:       1  2  1 -2  0  0  1  0
FirstOffsetClip:   0 -1  0  1  1 -1 -1  1
SecondOffsetClip: -1  0 -1  1  0  0  1  0
ThirdOffsetClip:   1  1  1 -1  0  0  1  0

Block 685:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:52 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:39 S01:12 S11:47 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:24 S11:16 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:8 S01:24 S11:29 S02:24 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:24 S11:26 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:37 S01:24 S11:29 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:42 S01:36 S11:24 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:55 S01:36 S11:24 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  3  1  3  4  3  3
Diff_de:           0  0  1  0  2  1  1 -1
Diff_c:            0  0  1  0 -1  1 -1  1
Diff_f:            0  0  0  1  0  1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  3  3  2  2
# Filtered pixels: 3  4  3  4  3  4  2  2
# Filtered P pix:  1  1  1  1  1  1  0  0
# Filtered Q pix:  0  1  0  1  0  1  0  0
FirstOffset:      -1 -1  1  0  2  1  1 -1
SecondOffset:     -1  0  1 -1  1  1  0  0
ThirdOffset:       1  0  1  1  0  0  1  0
FirstOffsetClip:  -1 -1  1  0  1  1  1 -1
SecondOffsetClip: -1  0  1 -1  1  1  0  0
ThirdOffsetClip:   1  0  1  1  0  0  1  0

Block 686:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:44 S01:36 S11:29 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:36 S11:34 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:37 S01:12 S11:13 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:24 S11:21 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:18 S01:12 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:6 S0:13 S01:12 S11:31 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:16 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:8 S0:55 S01:36 S11:39 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  2  0  0  2  0
Diff_de:           0  0  1  1  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  0  0  4  2
# Filtered pixels: 2  3  3  3  4  4  4  2
# Filtered P pix:  0  0  1  0  1  1  1  0
# Filtered Q pix:  0  1  0  1  1  1  1  0
FirstOffset:       0 -1  1  1  0  0  1 -1
SecondOffset:      1  0  1  0  0  0  1  0
ThirdOffset:      -1  1  0  0  0  0 -1  0
FirstOffsetClip:   0 -1  1  1  0  0  1 -1
SecondOffsetClip:  1  0  1  0  0  0  1  0
ThirdOffsetClip:  -1  1  0  0  0  0 -1  0

Block 687:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:36 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:60 S11:50 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:12 S11:44 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:12 S11:8 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:50 S01:12 S11:31 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:34 S01:24 S11:42 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:26 S01:12 S11:8 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:36 S11:34 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  2
Diff_de:           0  0  0  0  2  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  2  0  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  0  0  2 -1  0  1
SecondOffset:     -1  1  0  0  1  0  0  0
ThirdOffset:      -1 -1 -1  1 -1  2  0  0
FirstOffsetClip:   0  0  0  0  1 -1  0  1
SecondOffsetClip: -1  1  0  0  1  0  0  0
ThirdOffsetClip:  -1 -1 -1  1 -1  1  0  0

Block 688:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:48 S11:52 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:24 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:60 S11:50 S02:24 S12:16 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:16 S01:12 S11:8 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:24 S11:16 S02:60 S12:40 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:24 S11:31 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:18 S01:24 S11:26 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  1  3  4  1  0  4  1
Diff_de:           0  0 -1 -1  0  0  1  0
Diff_c:            0 -1  0 -1  1  0  1  1
Diff_f:            0  0 -1  1  0  0  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  2  3  2  2  3  1
# Filtered pixels: 3  3  3  3  3  4  3  4
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  1  0  1  0  0  1  0  1
FirstOffset:       0  0 -1 -1 -1  1  1  0
SecondOffset:      1 -1  1 -1  0  0  1  1
ThirdOffset:       0 -1  0  1 -1  0  0  0
FirstOffsetClip:   0  0 -1 -1 -1  1  1  0
SecondOffsetClip:  1 -1  1 -1  0  0  1  1
ThirdOffsetClip:   0 -1  0  1 -1  0  0  0

Block 689:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:65 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:36 S11:34 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:24 S01:12 S11:18 S02:12 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:48 S11:58 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:0 S01:24 S11:21 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:8 S01:24 S11:49 S02:60 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:60 S01:0 S11:0 S02:48 S12:45 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:18 S01:12 S11:13 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  0  0  2  0
Diff_de:           1  1 -1  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  0  0  3  0
# Filtered pixels: 3  3  4  2  3  2  3  4
# Filtered P pix:  1  0  1  0  0  0  1  1
# Filtered Q pix:  0  1  1  0  1  0  0  1
FirstOffset:       1  1 -1  1  0  0 -1  0
SecondOffset:      1  0  0  2  1 -1 -1  0
ThirdOffset:       0  0  1  0  0  1 -1  0
FirstOffsetClip:   1  1 -1  1  0  0 -1  0
SecondOffsetClip:  1  0  0  1  1 -1 -1  0
ThirdOffsetClip:   0  0  1  0  0  1 -1  0

Block 690:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:39 S01:48 S11:45 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:12 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:0 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:24 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:24 S01:0 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:0 S11:39 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  0  4  2  0  2  2
Diff_de:          -1  0  0  1 -1  0  1 -1
Diff_c:            0  1  0  1  0  0  0  0
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  4  3  0  3  3
# Filtered pixels: 3  4  3  4  4  4  4  4
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:      -1  0  0  1 -1  0  1 -1
SecondOffset:     -2  0  0  1 -1  0  1 -1
ThirdOffset:       1  0 -1 -1  0  0  0  0
FirstOffsetClip:  -1  0  0  1 -1  0  1 -1
```

```
SecondOffsetClip: -1  0  0  1 -1  0  1 -1
ThirdOffsetClip:   1  0 -1 -1  0  0  0  0

Block 691:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:24 S01:36 S11:63 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:0 S01:36 S11:37 S02:48 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:0 S11:13 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:8 S01:24 S11:16 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:8 S01:12 S11:8 S02:36 S12:24 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:55 S01:60 S11:45 S02:36 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:44 S01:12 S11:21 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:52 S01:0 S11:13 S02:24 S12:36 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  0  2  0  3
# Filtered pixels: 2  2  3  2  2  2  3  3
# Filtered P pix:  0  0  1  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:      -1  0  0  0  0  1  0  1
SecondOffset:     -1 -1  0  1  0 -1  0  1
ThirdOffset:       0  1 -1 -1 -1 -1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 692:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:45 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:36 S11:37 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:36 S11:39 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:31 S01:12 S11:70 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:12 S11:18 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:31 S01:48 S11:52 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:8 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:24 S11:42 S02:48 S12:62 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  0  0  2  0
Diff_de:          -1  0  0  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  2  0  0  2
# Filtered pixels: 3  2  2  2  2  3  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  1  1  0
FirstOffset:       0 -1 -1  0 -1  0  0 -1
SecondOffset:      1 -1  0  0  0 -1  0  0
ThirdOffset:       0  1  1  1  1  0  0  2
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 693:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:45 S01:60 S11:45 S02:48 S12:57 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:12 S11:31 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:42 S01:12 S11:21 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:62 S01:36 S11:39 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:57 S01:0 S11:13 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:8 S01:48 S11:47 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:12 S11:13 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  4  3  4  3  2  3
Diff_de:           1  0  1  1 -1 -1  0  1
Diff_c:           -1  1  1  1 -1  0  1  1
Diff_f:            1  0  1  0 -1  1 -1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  2  4  0  3
# Filtered pixels: 2  3  4  4  4  4  2  4
# Filtered P pix:  0  1  1  1  1  1  0  1
```

```
# Filtered Q pix:  0  0  1  1  1  1  0  1
FirstOffset:       2  0  1  1  0 -1  0  1
SecondOffset:      0  0  1  1 -1 -1  1  1
ThirdOffset:       0 -1  0  0 -1  1 -1  0
FirstOffsetClip:   2  0  1  1  0 -1  0  1
SecondOffsetClip:  0  0  1  1 -1 -1  1  1
ThirdOffsetClip:   0 -1  0  0 -1  1 -1  0

Block 694:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:49 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:42 S01:36 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:0 S11:13 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:24 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:0 S01:0 S11:39 S02:12 S12:60 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:24 S11:29 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  1  2  2  1  1  0
Diff_de:           0 -1  0  0  0  0  0  0
Diff_c:           -1 -1  0 -1  1  1  0  0
Diff_f:           -1  0  1 -1 -1  0 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  1  2  0  2  0
# Filtered pixels: 4  4  3  4  3  4  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  0  1  0  1
FirstOffset:       0 -1  0  0 -1  0 -1  0
SecondOffset:     -1 -1  0  0  0  0  0  0
ThirdOffset:      -1  0  1 -1 -1  0 -1  0
FirstOffsetClip:   0 -1  0  0 -1  0 -1  0
SecondOffsetClip: -1 -1  0  0  0  0  0  0
ThirdOffsetClip:  -1  0  1 -1 -1  0 -1  0

Block 695:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:55 S01:12 S11:18 S02:48 S12:62 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:60 S11:40 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:55 S01:0 S11:26 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:24 S11:21 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:0 S11:39 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:12 S11:13 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:12 S11:44 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:0 S11:52 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  2  2  0  1  3  0
Diff_de:          -1 -1  1  0  0  0  1  0
Diff_c:            0  1  0  1  0  0  0  0
Diff_f:            0  0  0 -1  0 -1  1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  4  2  0  0  2  0
# Filtered pixels: 3  3  4  3  4  3  4  4
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  0  1  0  1  1
FirstOffset:      -1  0  1 -1  0  0  1  0
SecondOffset:     -1  1  1  0  0  0  0  0
ThirdOffset:      -1  0 -1  0  0 -1  0  0
FirstOffsetClip:  -1  0  1 -1  0  0  1  0
SecondOffsetClip: -1  1  1  0  0  0  0  0
ThirdOffsetClip:  -1  0 -1  0  0 -1  0  0

Block 696:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:16 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:36 S01:0 S11:26 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:48 S11:52 S02:36 S12:44 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:24 S11:21 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:24 S11:55 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:24 S11:36 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:12 S11:8 S02:24 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  4  1  2  3  4  3
Diff_de:          -1  0 -1  0  0  1 -1 -1
Diff_c:            0 -1 -1  1 -1  1 -1  0
Diff_f:           -1  1 -1  0 -1  0  1  1
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  1  1  3  4  3
# Filtered pixels: 4  4  2  3  4  4  4  4
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  0  0  1  1  1  1
FirstOffset:      -1  0 -1  0  0  1 -1 -1
SecondOffset:      0  0 -2  1 -1  1 -1  0
ThirdOffset:       0  0  0 -1  0  0  1  1
FirstOffsetClip:  -1  0 -1  0  0  1 -1 -1
SecondOffsetClip:  0  0 -1  1 -1  1 -1  0
ThirdOffsetClip:   0  0  0 -1  0  0  1  1

Block 697:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:18 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:60 S01:0 S11:52 S02:0 S12:26 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:31 S01:24 S11:16 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:57 S01:36 S11:29 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:48 S11:58 S02:24 S12:16 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:0 S01:12 S11:8 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:7 S0:57 S01:36 S11:44 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:24 S11:21 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:          -1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  0  2  0  0  2  0
# Filtered pixels: 4  4  2  2  2  4  2  2
# Filtered P pix:  1  1  0  0  0  1  0  0
# Filtered Q pix:  1  1  0  0  0  1  0  0
FirstOffset:      -1  1  0 -1  0  0  1  0
SecondOffset:      0  1  1  0 -1  0  1  1
ThirdOffset:       0 -1  1  2 -1  0  0 -1
FirstOffsetClip:  -1  1  0 -1  0  0  1  0
SecondOffsetClip:  0  1  1  0 -1  0  1  1
ThirdOffsetClip:   0 -1  1  1 -1  0  0 -1

Block 698:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:12 S11:8 S02:24 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:55 S01:0 S11:0 S02:60 S12:50 ActOverall:0 Act1:3 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:50 S01:36 S11:44 S02:0 S12:26 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:39 S01:24 S11:29 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:47 S01:24 S11:26 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:47 S01:0 S11:26 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:32 S01:48 S11:45 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:24 S11:36 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  0  2  0  0
Diff_de:           0  0  0 -1  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  2  3  2  0
# Filtered pixels: 2  3  3  2  2  3  2  2
# Filtered P pix:  0  1  0  0  0  1  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:       0 -1 -2 -1  1 -1 -2  0
SecondOffset:      0 -1  0  0  0 -1  0 -1
ThirdOffset:      -1 -1  1  1  1  1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 699:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:42 S01:36 S11:54 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:44 S01:24 S11:16 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:32 S01:24 S11:16 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:50 S01:48 S11:32 S02:36 S12:49 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:55 S01:24 S11:16 S02:24 S12:49 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:16 S01:12 S11:13 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:16 S01:0 S11:39 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:21 S01:24 S11:36 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  2  2  0
Diff_de:           0  0 -1  0  0 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  2  3  3  2
# Filtered pixels: 2  2  3  2  2  3  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  0  0  1  0  0  1  0  0
FirstOffset:       1  0 -2 -2  1 -1  1 -1
SecondOffset:      0  1 -1  0  1 -1  1  0
ThirdOffset:      -1  1  1  0  0  1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 700:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:16 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:44 S01:12 S11:31 S02:12 S12:18 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:34 S01:0 S11:26 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:21 S01:12 S11:57 S02:12 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:34 S01:24 S11:16 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:54 S01:36 S11:54 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:48 S11:42 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:44 S01:0 S11:26 S02:60 S12:65 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  3  2  0  0  0
# Filtered pixels: 3  4  4  4  2  2  3  3
# Filtered P pix:  0  1  1  1  0  0  0  1
# Filtered Q pix:  1  1  1  1  0  0  1  0
FirstOffset:      -1  0 -1 -1  1  0  0  0
SecondOffset:     -1  0 -1  0  0  1  1  0
ThirdOffset:       0  0  1  1  0  1  0 -1
FirstOffsetClip:  -1  0 -1 -1  1  0  0  0
```

```
SecondOffsetClip: -1  0 -1  0  0  1  1  0
ThirdOffsetClip:   0  0  1  1  0  1  0 -1

Block 701:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:29 S02:12 S12:18 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:73 S01:72 S11:53 S02:12 S12:57 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:42 S01:12 S11:21 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:39 S01:24 S11:16 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:39 S01:48 S11:37 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:29 S01:12 S11:18 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:24 S01:60 S11:45 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:37 S01:60 S11:50 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  2  2  0
Diff_de:           0  0 -1  0  0 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  2  2  3  2
# Filtered pixels: 2  2  2  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:       0 -1 -1  1 -1 -1  1 -1
SecondOffset:     -1  1  0  0 -2  0 -1  1
ThirdOffset:       0  1  1  0  1  0 -1  0
FirstOffsetClip:   0 -1 -1  1 -1 -1  1 -1
SecondOffsetClip: -1  1  0  0 -1  0 -1  1
ThirdOffsetClip:   0  1  1  0  1  0 -1  0

Block 702:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:65 S01:48 S11:32 S02:0 S12:13 ActOverall:0 Act1:1 Act2:3 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:26 S01:60 S11:60 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:31 S01:60 S11:60 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:0 S11:13 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:34 S01:12 S11:8 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:52 S01:12 S11:21 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:36 S11:39 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:8 S01:12 S11:34 S02:48 S12:42 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  2  2  2  2
Diff_de:           0  0  0  1 -1  1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  3  2  2  2  0
# Filtered pixels: 3  2  2  3  2  2  2  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:      -1  0  0  1 -1  1 -1  0
SecondOffset:     -2 -1 -1  1 -1  0 -1  0
ThirdOffset:       1  0 -1  0  1  0  0 -1
FirstOffsetClip:  -1  0  0  1 -1  1 -1  0
SecondOffsetClip: -1 -1 -1  1 -1  0 -1  0
ThirdOffsetClip:   1  0 -1  0  1  0  0 -1

Block 703:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:16 S01:72 S11:63 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:49 S01:48 S11:32 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:0 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:24 S01:24 S11:55 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:0 S11:52 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:36 S11:24 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:60 S11:60 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  2  4  3  4  3  2
Diff_de:          -1  0 -1  1  1  1 -1  1
Diff_c:            0 -1  0  1  0  1  1  0
Diff_f:            0  0  0  1 -1 -1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  3  1  2  2  3
# Filtered pixels: 3  3  4  4  4  4  3  4
# Filtered P pix:  0  0  1  1  1  1  0  1
```

```
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1  0 -1  1  0  0 -1  1
SecondOffset:      1 -1 -1  1  0  1  1  1
ThirdOffset:       0  0  1  0 -1 -1  0  0
FirstOffsetClip:  -1  0 -1  1  0  0 -1  1
SecondOffsetClip:  1 -1 -1  1  0  1  1  1
ThirdOffsetClip:   0  0  1  0 -1 -1  0  0

Block 704:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:34 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:32 S01:36 S11:34 S02:60 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:31 S01:60 S11:50 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:60 S01:48 S11:45 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:34 S01:24 S11:21 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:21 S01:12 S11:13 S02:12 S12:73 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:8 S01:24 S11:49 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:48 S11:42 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  0  2  0  0
Diff_de:           0  0  0 -1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  0  2  2  3  0  0
# Filtered pixels: 4  2  3  3  2  4  2  2
# Filtered P pix:  1  0  0  0  0  1  0  0
# Filtered Q pix:  1  0  1  1  0  1  0  0
FirstOffset:      -1 -2  0 -1 -1  1  0  0
SecondOffset:     -1  0 -1 -2 -1  1  1 -1
ThirdOffset:       1  0  0  0  0  0 -1 -1
FirstOffsetClip:  -1 -1  0 -1 -1  1  0  0
SecondOffsetClip: -1  0 -1 -1 -1  1  1 -1
ThirdOffsetClip:   1  0  0  0  0  0 -1 -1

Block 705:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:29 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:0 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:48 S11:52 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:31 S01:24 S11:26 S02:36 S12:54 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:36 S11:50 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:44 S01:0 S11:13 S02:60 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:24 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:36 S11:24 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  3  1  3  0  3  1
Diff_de:           0 -1  1  0  1  0  1  0
Diff_c:           -1  0  0 -1  0  0 -1 -1
Diff_f:            0 -1 -1  0 -1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  1  2  0  2  3
# Filtered pixels: 3  4  3  3  2  3  4  3
# Filtered P pix:  0  1  0  1  0  1  1  0
# Filtered Q pix:  1  1  1  0  0  0  1  1
FirstOffset:       0 -1  1  0  1  0  1  1
SecondOffset:     -1 -1 -1 -1  0  0  0  0
ThirdOffset:       0  0 -1  1 -1 -1  0 -1
FirstOffsetClip:   0 -1  1  0  1  0  1  1
SecondOffsetClip: -1 -1 -1 -1  0  0  0  0
ThirdOffsetClip:   0  0 -1  1 -1 -1  0 -1

Block 706:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:44 S01:0 S11:0 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:44 S01:24 S11:26 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:18 S02:36 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:57 S01:36 S11:39 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:29 S01:0 S11:13 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:62 S01:48 S11:47 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:36 S01:12 S11:18 S02:36 S12:49 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  3  1  2  2  0  2  0
Diff_de:           0 -1  0 -1 -1  0  0  0
Diff_c:            0  1 -1  0  0  0  1  0
Diff_f:            0  0  0  0  0  0  1  0
```

```
'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  3  0  0  0
# Filtered pixels: 3  2  3  2  4  2  4  3
# Filtered P pix:  1  0  1  0  1  0  1  1
# Filtered Q pix:  0  0  0  0  1  0  1  0
FirstOffset:       0  0  0 -1 -1  0  0  0
SecondOffset:      0  1  0 -1 -1 -1  0  0
ThirdOffset:      -1  1 -1 -1  0 -1  0 -1
FirstOffsetClip:   0  0  0 -1 -1  0  0  0
SecondOffsetClip:  0  1  0 -1 -1 -1  0  0
ThirdOffsetClip:  -1  1 -1 -1  0 -1  0 -1

Block 707:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:57 S01:60 S11:60 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:52 S01:12 S11:18 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:12 S11:31 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:13 S01:48 S11:52 S02:24 S12:36 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:37 S01:48 S11:32 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:21 S01:12 S11:21 S02:24 S12:26 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:21 S01:24 S11:55 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:24 S11:26 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  2
Diff_de:           0  1  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  2  2  2  0
# Filtered pixels: 2  3  3  2  2  3  2  3
# Filtered P pix:  0  1  1  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       1  1 -1  0  1 -1 -1  0
SecondOffset:      2  0  0  1 -1  0  0  1
ThirdOffset:       1 -1 -1 -1  0  1  0  0
FirstOffsetClip:   1  1 -1  0  1 -1 -1  0
SecondOffsetClip:  1  0  0  1 -1  0  0  1
ThirdOffsetClip:   1 -1 -1 -1  0  1  0  0

Block 708:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
```

```
Row:1 S0:42 S01:24 S11:42 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:44 S01:48 S11:42 S02:60 S12:53 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:37 S01:36 S11:34 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:36 S11:29 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:42 S01:12 S11:18 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:36 S11:34 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:24 S11:16 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:37 S01:24 S11:26 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  2  0  0  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:      -1  0 -1  0 -1  0  0  1
SecondOffset:     -1  1  0 -1  0 -1  1  0
ThirdOffset:      -1  1 -1  0 -1  0  1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 709:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:39 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:18 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:60 S11:60 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:21 S01:24 S11:26 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:48 S11:52 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:8 S01:12 S11:44 S02:36 S12:49 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:0 S11:39 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  2  4  2  3  1  1
Diff_de:           1  0 -1 -1 -2 -1  0  0
Diff_c:            1  1  0 -1  0  0  0  1
Diff_f:            1  0  0 -1  0  1  1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  3  2  3  0  0
# Filtered pixels: 4  4  3  4  3  4  3  4
# Filtered P pix:  1  1  0  1  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:       1  0 -1 -1 -1 -1  0  0
SecondOffset:      1  0  1 -1  1  0  0  0
ThirdOffset:       0  0  0  0  0  1  1  0
FirstOffsetClip:   1  0 -1 -1 -1 -1  0  0
SecondOffsetClip:  1  0  1 -1  1  0  0  0
ThirdOffsetClip:   0  0  0  0  0  1  1  0

Block 710:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:39 S01:0 S11:13 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:55 S01:36 S11:24 S02:12 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:42 S01:12 S11:13 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:24 S11:36 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:12 S11:8 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:48 S11:47 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:12 S11:8 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  3  4  0  4  3  1
Diff_de:           1  1 -1 -1  0 -1  1  0
Diff_c:            1  1  0 -1  0  1  1  0
Diff_f:           -1  0  1  1  0  1  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  4  2  1  0  3  1  0
# Filtered pixels: 4  4  3  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:       1  1 -1  0  0 -1  0  0
SecondOffset:      1  1  0 -1  0  1  1  0
ThirdOffset:      -1 -1  2  0  0  1  0  0
FirstOffsetClip:   1  1 -1  0  0 -1  0  0
```

```
SecondOffsetClip:  1  1  0 -1  0  1  1  0
ThirdOffsetClip:  -1 -1  1  0  0  1  0  0

Block 711:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:48 S11:47 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:42 S01:24 S11:26 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:39 S01:0 S11:13 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:13 S01:12 S11:13 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:12 S11:21 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:39 S01:24 S11:31 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:26 S01:0 S11:39 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  0  2  2  4  0
Diff_de:           0  0  1  0  0 -1  1  0
Diff_c:           -1  0 -1  0 -1  0 -1  0
Diff_f:            1 -1  0  0 -1  0 -1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  1  3  3  1
# Filtered pixels: 4  3  4  4  4  4  4  4
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  1 -1  0 -1  1  0
SecondOffset:     -1  1  0 -1  0 -1  0  0
ThirdOffset:       1  0 -1  0 -1  0 -1 -1
FirstOffsetClip:   0  0  1 -1  0 -1  1  0
SecondOffsetClip: -1  1  0 -1  0 -1  0  0
ThirdOffsetClip:   1  0 -1  0 -1  0 -1 -1

Block 712:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:70 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:26 S01:60 S11:40 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:36 S11:34 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:36 S11:24 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:45 S01:36 S11:37 S02:48 S12:37 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:36 S01:36 S11:24 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:36 S11:24 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  0  1  2  1  4  2  4
Diff_de:          -1  0  0  0  0 -2  0  1
Diff_c:            0  0  0  1  1  1 -1 -1
Diff_f:            0  0  1 -1  0 -1 -1 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  1  0  0  2  1  3
# Filtered pixels: 4  3  4  2  3  2  3  3
# Filtered P pix:  1  0  1  0  0  0  0  0
# Filtered Q pix:  1  1  1  0  1  0  1  1
FirstOffset:      -1  0  0  0  0 -2  0  1
SecondOffset:      0 -1  0  1  1  0 -1  0
ThirdOffset:       0  0  1 -1  0  0 -1 -1
FirstOffsetClip:  -1  0  0  0  0 -2  0  1
SecondOffsetClip:  0 -1  0  1  1  0 -1  0
ThirdOffsetClip:   0  0  1 -1  0  0 -1 -1

Block 713:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:16 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:52 S01:36 S11:44 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:34 S01:24 S11:42 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:31 S01:24 S11:21 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:37 S01:0 S11:65 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:47 S01:36 S11:37 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:0 S01:24 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:21 S01:24 S11:42 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 3  4  4  2  2  4  2  4
Diff_de:           1  1  1  0 -1 -1  0 -1
Diff_c:            1 -1  1 -1  0 -1  1 -1
Diff_f:            0 -2  1 -2  0  1 -1  1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  3  4  1  4
# Filtered pixels: 4  3  3  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
```

```
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:       1  1  1  0 -1 -1  0 -1
SecondOffset:      1  0  1 -1 -1 -1  1 -1
ThirdOffset:       0 -2  1 -1  0  1  0  1
FirstOffsetClip:   1  1  1  0 -1 -1  0 -1
SecondOffsetClip:  1  0  1 -1 -1 -1  1 -1
ThirdOffsetClip:   0 -2  1 -1  0  1  0  1

Block 714:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:34 S02:12 S12:73 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:12 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:0 S11:0 S02:24 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:24 S11:21 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:24 S11:36 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:24 S11:16 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:18 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:13 S01:24 S11:36 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  1  1  2  1  0  2
Diff_de:           1 -1  0  0  0  0  0  0
Diff_c:            0  0  0 -1  1 -1  0  1
Diff_f:            0  0  1  0 -1  0  0 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  0  0  0  0  0
# Filtered pixels: 4  4  3  3  2  3  4  2
# Filtered P pix:  1  1  1  0  0  0  1  0
# Filtered Q pix:  1  1  0  1  0  1  1  0
FirstOffset:       1 -1  1  0  0  0  0  0
SecondOffset:      0  0  1 -1  1 -1  0  1
ThirdOffset:      -1  1  0  0 -1  0  0 -1
FirstOffsetClip:   1 -1  1  0  0  0  0  0
SecondOffsetClip:  0  0  1 -1  1 -1  0  1
ThirdOffsetClip:  -1  1  0  0 -1  0  0 -1

Block 715:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:13 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:34 S01:24 S11:26 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:12 S11:13 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:52 S01:24 S11:36 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:50 S01:12 S11:18 S02:36 S12:49 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:13 S01:0 S11:52 S02:12 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  2  2  0  1  0
Diff_de:          -1  1  0  1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  1  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  2  3  0  0  0
# Filtered pixels: 4  3  4  2  3  4  4  3
# Filtered P pix:  1  0  1  0  1  1  1  1
# Filtered Q pix:  1  1  1  0  0  1  1  0
FirstOffset:      -1  1  0  1 -2  0  0  0
SecondOffset:     -1  0  0  1 -1  0  0  0
ThirdOffset:       1 -1  0  0  0  0  0  1
FirstOffsetClip:  -1  1  0  1 -1  0  0  0
SecondOffsetClip: -1  0  0  1 -1  0  0  0
ThirdOffsetClip:   1 -1  0  0  0  0  0  1

Block 716:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:57 S01:24 S11:21 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:50 S01:36 S11:54 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:13 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:36 S11:34 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:36 S01:12 S11:8 S02:72 S12:68 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:34 S01:24 S11:42 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:8 S01:12 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:24 S11:16 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  2  0  2  0  3
Diff_de:           0  1  0  1  0  1  0 -1
Diff_c:            0  0 -1  0  0  0  0  1
Diff_f:            0  0 -1  0  0  0  0  0
```

```
'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  3  0  2  0  2
# Filtered pixels: 3  3  3  3  3  2  4  3
# Filtered P pix:  0  0  0  0  1  0  1  0
# Filtered Q pix:  1  1  1  1  0  0  1  1
FirstOffset:       1  2  0  1  0  1  0 -1
SecondOffset:      0  0 -1  1  0  1  0  0
ThirdOffset:      -1 -1  0 -1 -2  0  0  0
FirstOffsetClip:   1  1  0  1  0  1  0 -1
SecondOffsetClip:  0  0 -1  1  0  1  0  0
ThirdOffsetClip:  -1 -1  0 -1 -1  0  0  0

Block 717:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:16 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:24 S11:29 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:0 S11:39 S02:36 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:16 S01:12 S11:44 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:48 S11:32 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:32 S01:12 S11:8 S02:36 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:57 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:24 S11:31 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  3  3  3  3  2  2
Diff_de:           1  1 -1  1 -1 -1  1  0
Diff_c:           -1  0  0  0  1  0  0  1
Diff_f:           -1 -1 -1  1  0 -1  0 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  2  3  3  2
# Filtered pixels: 4  4  3  4  3  3  4  4
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  1  1
FirstOffset:       1  1 -1  1 -1 -2  1 -1
SecondOffset:      0  0 -1  0  1 -1  0  0
ThirdOffset:      -1  0  0  0  0  0 -1  0
FirstOffsetClip:   1  1 -1  1 -1 -1  1 -1
SecondOffsetClip:  0  0 -1  0  1 -1  0  0
ThirdOffsetClip:  -1  0  0  0  0  0 -1  0

Block 718:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:29 S01:36 S11:34 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:13 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:3 S0:39 S01:24 S11:16 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:60 S01:36 S11:37 S02:0 S12:13 ActOverall:0 Act1:1 Act2:3 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:5 S0:13 S01:36 S11:29 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:18 S01:24 S11:29 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:16 S01:24 S11:29 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:65 S01:36 S11:39 S02:0 S12:13 ActOverall:0 Act1:1 Act2:3 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  0  0  2  3
# Filtered pixels: 2  3  2  3  3  2  2  3
# Filtered P pix:  0  1  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  1  0  0  1
FirstOffset:      -1  0 -1 -1  0  0 -1  1
SecondOffset:     -1  0 -1 -1  1 -1  0  0
ThirdOffset:       1  0  0  1  0  1  1 -1
FirstOffsetClip:  -1  0 -1 -1  0  0 -1  1
SecondOffsetClip: -1  0 -1 -1  1 -1  0  0
ThirdOffsetClip:   1  0  0  1  0  1  1 -1

Block 719:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:31 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:48 S11:57 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:24 S11:29 S02:48 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:54 S01:36 S11:24 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:68 S01:60 S11:45 S02:36 S12:34 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:60 S01:12 S11:18 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:32 S01:0 S11:65 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:13 S01:12 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  2  1  3  3  2  1
Diff_de:           1  0 -1  0 -1  1 -1  0
Diff_c:           -1  0  0 -1  0  0  0  0
Diff_f:            0  1  0  0  1 -1  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  2  2  3  1
# Filtered pixels: 3  3  3  2  2  3  3  4
# Filtered P pix:  1  0  1  0  0  1  1  1
# Filtered Q pix:  0  1  0  0  0  0  0  1
FirstOffset:       1  0 -1  0 -2  1 -2  0
SecondOffset:      0  1  0 -1  0  0 -1  0
ThirdOffset:       1  0 -1 -1  2 -1  0  1
FirstOffsetClip:   1  0 -1  0 -2  1 -2  0
SecondOffsetClip:  0  1  0 -1  0  0 -1  0
ThirdOffsetClip:   1  0 -1 -1  1 -1  0  1

Block 720:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:21 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:12 S11:18 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:32 S01:60 S11:40 S02:60 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:40 S01:12 S11:60 S02:60 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:0 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:68 S01:72 S11:63 S02:36 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:57 S01:24 S11:26 S02:12 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:29 S01:0 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  2  2  1  3  1  3
Diff_de:           1  1 -1  2  0 -1  0 -1
Diff_c:           -1  0  0  0  0  0  1 -1
Diff_f:            0  1  0  0 -1  1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  3  1  2  2  4
# Filtered pixels: 3  4  2  3  4  2  4  4
# Filtered P pix:  1  1  0  1  1  0  1  1
# Filtered Q pix:  0  1  0  0  1  0  1  1
FirstOffset:       1  1 -2  2  0 -2 -1 -1
SecondOffset:      0  0  0  1  0  1  0 -1
ThirdOffset:       1  0  0  0 -1  2  0  1
FirstOffsetClip:   1  1 -1  1  0 -1 -1 -1
```

```
SecondOffsetClip:  0  0  0  1  0  1  0 -1
ThirdOffsetClip:   1  0  0  0 -1  1  0  1

Block 721:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:39 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:42 S01:12 S11:21 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:13 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:0 S01:48 S11:32 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:48 S11:32 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:24 S11:31 S02:12 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:0 S11:26 S02:12 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:8 S01:36 S11:50 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  2  0  0  0
# Filtered pixels: 2  2  2  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  1 -1  0  1  0  0  0
SecondOffset:      1  0  0 -1  2  1  0 -1
ThirdOffset:      -1  0 -1  1  0  0  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 722:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:26 S02:48 S12:58 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:12 S11:8 S02:24 S12:16 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:36 S01:36 S11:39 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:55 S01:36 S11:29 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:12 S11:8 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
```

```
Row:6 S0:29 S01:0 S11:26 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:0 S11:39 S02:24 S12:55 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:36 S11:50 S02:72 S12:68 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  2  2  2  0
Diff_de:           0  0  0 -1 -1 -1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  3  0  3  3  0
# Filtered pixels: 2  2  2  3  2  3  3  2
# Filtered P pix:  0  0  0  0  0  1  1  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       1  0  0 -1  0 -1 -1  0
SecondOffset:      0  0 -1  0  0 -1 -1 -1
ThirdOffset:       1  1 -1  1 -1  0  1  2
FirstOffsetClip:   1  0  0 -1  0 -1 -1  0
SecondOffsetClip:  0  0 -1  0  0 -1 -1 -1
ThirdOffsetClip:   1  1 -1  1 -1  0  1  1

Block 723:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:42 S01:48 S11:32 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:44 S01:36 S11:37 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:16 S01:0 S11:39 S02:24 S12:21 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:37 S01:36 S11:24 S02:36 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:24 S11:55 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:36 S11:39 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:34 S01:48 S11:57 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:12 S11:34 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  2  2  2
Diff_de:           0  0 -1  0  0  1  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  2  2  2  2
# Filtered pixels: 2  2  3  2  2  3  3  3
# Filtered P pix:  0  0  1  0  0  0  0  1
```

```
# Filtered Q pix:  0  0  0  0  0  1  1  0
FirstOffset:      -1  0 -1  1  1  1  1 -1
SecondOffset:      1  1 -1  0  0  0 -1  0
ThirdOffset:       1  1  0  0  0  0  0  0
FirstOffsetClip:  -1  0 -1  1  1  1  1 -1
SecondOffsetClip:  1  1 -1  0  0  0 -1  0
ThirdOffsetClip:   1  1  0  0  0  0  0  0

Block 724:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:31 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:39 S01:12 S11:8 S02:60 S12:45 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:48 S11:42 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:36 S11:29 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:24 S11:49 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:16 S01:12 S11:34 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:24 S11:26 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:0 S11:52 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  2  1  3  3  2  2
Diff_de:          -1  0  0  0  1  1  1  0
Diff_c:            1  0 -1  1 -1  0  0 -1
Diff_f:            0 -1 -1  0  0 -1  0  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  1  2  3  3  2  0
# Filtered pixels: 3  3  3  4  4  4  4  4
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:      -1 -1  0 -1  1  1  1  0
SecondOffset:      0  0 -1  0  0  0  0  0
ThirdOffset:      -1 -1 -1  0 -1 -1  0  0
FirstOffsetClip:  -1 -1  0 -1  1  1  1  0
SecondOffsetClip:  0  0 -1  0  0  0  0  0
ThirdOffsetClip:  -1 -1 -1  0 -1 -1  0  0

Block 725:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:31 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:36 S11:39 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:12 S11:60 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:36 S11:34 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:47 S01:48 S11:32 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:12 S11:21 S02:24 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:34 S01:12 S11:34 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:0 S11:0 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  0  2  2  2  3  2  2
Diff_de:           0  0 -1  1 -1 -1  1 -1
Diff_c:            1  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  1  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  3  2  2  3
# Filtered pixels: 3  3  3  2  3  3  3  3
# Filtered P pix:  0  0  1  0  0  1  1  1
# Filtered Q pix:  1  1  0  0  1  0  0  0
FirstOffset:       0  1 -1  1 -1 -1  1 -1
SecondOffset:      1  0  0  0 -2  0  0 -1
ThirdOffset:       0  0  0  0  1  1  0  2
FirstOffsetClip:   0  1 -1  1 -1 -1  1 -1
SecondOffsetClip:  1  0  0  0 -1  0  0 -1
ThirdOffsetClip:   0  0  0  0  1  1  0  1

Block 726:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:44 S01:36 S11:24 S02:72 S12:58 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:78 S01:48 S11:52 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:42 S01:12 S11:34 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:24 S11:16 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:12 S11:8 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:47 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:48 S11:42 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:0 S11:39 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  4  3  0  3  1  3
Diff_de:           0 -1  1  1  0  1  0  1
Diff_c:           -1  0  1  1  0  0  1  1
Diff_f:            0  0  1  0  0  1  0  0
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  3  0  3  0  4
# Filtered pixels: 2  3  3  3  4  4  3  4
# Filtered P pix:  0  0  1  1  1  1  0  1
# Filtered Q pix:  0  1  0  0  1  1  1  1
FirstOffset:       0 -1  1  1  0  1  0  1
SecondOffset:     -1 -2  1  1  0  1  1  1
ThirdOffset:      -2  1  0  0  0  0  0 -1
FirstOffsetClip:   0 -1  1  1  0  1  0  1
SecondOffsetClip: -1 -1  1  1  0  1  1  1
ThirdOffsetClip:  -1  1  0  0  0  0  0 -1

Block 727:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:21 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:13 S01:60 S11:40 S02:12 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:52 S01:24 S11:31 S02:0 S12:26 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:18 S01:0 S11:39 S02:12 S12:13 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:24 S11:21 S02:0 S12:65 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:18 S01:48 S11:42 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:65 S01:0 S11:13 S02:24 S12:31 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:44 S01:36 S11:24 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  0
Diff_de:          -1  0  0  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  0  3  0  3  0
# Filtered pixels: 3  2  3  3  3  2  3  2
# Filtered P pix:  0  0  0  1  0  0  1  0
# Filtered Q pix:  1  0  1  0  1  0  0  0
FirstOffset:      -1  0 -1  0  1  0  1  0
SecondOffset:      0 -1 -1  0  0  1  1 -1
ThirdOffset:       1  0  1  0 -1  0 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 728:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
```

```
Row:1 S0:36 S01:24 S11:31 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:37 S01:36 S11:49 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:52 S01:12 S11:18 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:26 S01:0 S11:26 S02:48 S12:45 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:24 S11:16 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:18 S01:24 S11:26 S02:72 S12:48 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:26 S01:24 S11:55 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:60 S11:55 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  0
Diff_de:           0  0  0  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  0  0  0  0
# Filtered pixels: 2  2  2  3  2  2  2  3
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0 -1 -1  0  0  0  0  0
SecondOffset:     -1  0  0  0  1  1 -1 -1
ThirdOffset:      -1  0  1  1  1 -2  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 729:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:16 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:12 S11:21 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:12 S11:21 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:24 S11:16 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:0 S11:0 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:49 S01:36 S11:49 S02:60 S12:65 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:44 S01:36 S11:29 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:29 S01:24 S11:21 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  2
Diff_de:           0  0  0  0  1  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  2  4  0  0  3
# Filtered pixels: 2  2  2  2  4  2  2  3
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  1
FirstOffset:       1  1  1  1  1  0  0 -1
SecondOffset:      1  1  1  0  1  1  1  0
ThirdOffset:       0 -1  0 -1 -1  1  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 730:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:8 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:0 S11:39 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:0 S11:26 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:73 S01:12 S11:13 S02:72 S12:58 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:0 S11:0 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:54 S01:36 S11:29 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:18 S01:24 S11:42 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:49 S01:36 S11:44 S02:72 S12:53 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  2  0  0  0
Diff_de:           0  0  0  1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  3  3  0  0  0
# Filtered pixels: 4  4  3  3  4  2  2  2
# Filtered P pix:  1  1  1  1  1  0  0  0
# Filtered Q pix:  1  1  0  0  1  0  0  0
FirstOffset:       0  0  0  1 -1  0  0  0
SecondOffset:      0  0  0  1 -1  1  1 -1
ThirdOffset:       0  0 -1  1  0  1  1 -2
FirstOffsetClip:   0  0  0  1 -1  0  0  0
```

```
SecondOffsetClip:  0  0  0  1 -1  1  1 -1
ThirdOffsetClip:   0  0 -1  1  0  1  1 -1

Block 731:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:8 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:36 S11:37 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:49 S01:0 S11:26 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:12 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:13 S01:12 S11:47 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:0 S11:13 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:0 S11:39 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0 -1
Diff_c:            0  1  0  0  0  0  0  0
Diff_f:            1  0  0  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  0  0  0  3
# Filtered pixels: 3  4  3  3  4  4  3  3
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  0  1  1  0  1  1  0  0
FirstOffset:       0  0  0  0  0  0  0 -1
SecondOffset:      0  0  1  0  0  0  0 -1
ThirdOffset:       1  0  0 -1  0  0 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0 -1
SecondOffsetClip:  0  0  1  0  0  0  0 -1
ThirdOffsetClip:   1  0  0 -1  0  0 -1  0

Block 732:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:36 S01:48 S11:52 S02:12 S12:73 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:12 S11:8 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:12 S11:34 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:50 S01:36 S11:29 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:65 S01:60 S11:45 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
```

```
Row:6 S0:44 S01:36 S11:34 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:21 S02:72 S12:68 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:36 S11:34 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  0  2  4  3  1  3
Diff_de:           0 -1  0  1 -1 -1  0  1
Diff_c:           -1  0  0  0 -1 -1 -1 -1
Diff_f:            0  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  3  2  1  0  3
# Filtered pixels: 3  4  4  4  3  4  3  4
# Filtered P pix:  0  1  1  1  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:       0 -1  1  2 -1  0  0  1
SecondOffset:     -1  0  0  0 -2 -1  0  0
ThirdOffset:       0  1  0 -1  0  0  2 -1
FirstOffsetClip:   0 -1  1  2 -1  0  0  1
SecondOffsetClip: -1  0  0  0 -2 -1  0  0
ThirdOffsetClip:   0  1  0 -1  0  0  2 -1

Block 733:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:55 S01:24 S11:55 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:21 S01:24 S11:16 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:48 S11:42 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:48 S11:47 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:48 S11:32 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:36 S01:0 S11:13 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:12 S11:47 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:12 S11:31 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  2  1  1  2  1  3
Diff_de:           1 -1  0  0  0  0  0 -1
Diff_c:           -1  1 -1 -1 -1 -1  0  1
Diff_f:            0  0  1  0  0  1  1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  0  0  1  3  2
# Filtered pixels: 4  4  2  3  3  4  3  4
# Filtered P pix:  1  1  0  0  0  1  1  1
```

```
# Filtered Q pix:  1  1  0  1  1  1  0  1
FirstOffset:       1 -1  0  0  0  0  1 -1
SecondOffset:      0  0 -1 -1 -1  0  1  0
ThirdOffset:      -1  1  1  0  0  1  0  0
FirstOffsetClip:   1 -1  0  0  0  0  1 -1
SecondOffsetClip:  0  0 -1 -1 -1  0  1  0
ThirdOffsetClip:  -1  1  1  0  0  1  0  0

Block 734:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:8 S01:48 S11:52 S02:48 S12:42 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:37 S01:48 S11:62 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:0 S11:65 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:24 S11:55 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:36 S11:24 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:65 S01:0 S11:39 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:21 S01:12 S11:34 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:24 S11:21 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  0  4  2  2  1  4
Diff_de:           0 -1  0  1  0  1  0 -1
Diff_c:           -1  1  0  1 -1  0  0 -1
Diff_f:            1  0  0 -1 -1  0 -1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  4  0  3  2  3
# Filtered pixels: 2  3  4  4  3  4  3  3
# Filtered P pix:  0  0  1  1  0  1  1  1
# Filtered Q pix:  0  1  1  1  1  1  0  0
FirstOffset:       0 -1  0  1  0  1 -1 -1
SecondOffset:     -1  1  0  1 -1  1  0 -1
ThirdOffset:       1  1  0 -1  0  0  0 -1
FirstOffsetClip:   0 -1  0  1  0  1 -1 -1
SecondOffsetClip: -1  1  0  1 -1  1  0 -1
ThirdOffsetClip:   1  1  0 -1  0  0  0 -1

Block 735:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:29 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:8 S01:12 S11:47 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:0 S11:39 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:36 S11:39 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:13 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:45 S01:36 S11:29 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  1  0  2  3  3  0
Diff_de:           0  1  0  0  0 -1  1  0
Diff_c:           -1  0  0  0  1 -1 -1  0
Diff_f:            0  0 -1  0 -1  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  1  0  0  4  2  0
# Filtered pixels: 2  4  4  4  2  4  2  4
# Filtered P pix:  0  1  1  1  0  1  0  1
# Filtered Q pix:  0  1  1  1  0  1  0  1
FirstOffset:       0  1  0  0  0 -1  2  0
SecondOffset:     -1  1  0  0  1 -1  0  0
ThirdOffset:      -1 -1 -1  0 -1  1  0  0
FirstOffsetClip:   0  1  0  0  0 -1  2  0
SecondOffsetClip: -1  1  0  0  1 -1  0  0
ThirdOffsetClip:  -1 -1 -1  0 -1  1  0  0

Block 736:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:65 S01:0 S11:26 S02:24 S12:21 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:45 S01:24 S11:36 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:32 S01:24 S11:16 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:12 S11:34 S02:36 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:24 S11:16 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:32 S01:36 S11:29 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:8 S01:24 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  4  0  1  2  2  1
Diff_de:           1  2 -1  0  0  1  0  0
Diff_c:            0 -1  1  0 -1  0  1  0
Diff_f:            0  0 -1  0  0  0  1 -1
```

```
'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  0  2  0  0
# Filtered pixels: 3  3  2  3  3  2  3  3
# Filtered P pix:  1  0  0  1  0  0  0  1
# Filtered Q pix:  0  1  0  0  1  0  1  0
FirstOffset:       1  2 -2 -1  0  2  0  0
SecondOffset:      1  1 -1  0 -1  0  1  0
ThirdOffset:       0 -1  1  0  0  0  0 -1
FirstOffsetClip:   1  1 -1 -1  0  1  0  0
SecondOffsetClip:  1  1 -1  0 -1  0  1  0
ThirdOffsetClip:   0 -1  1  0  0  0  0 -1

Block 737:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:55 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:29 S01:12 S11:13 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:0 S11:26 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:72 S11:73 S02:48 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:24 S11:21 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:13 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:39 S01:0 S11:0 S02:24 S12:21 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:60 S11:55 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  2  0
Diff_de:           0  1  0  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  0  0  3  0
# Filtered pixels: 2  4  4  2  2  3  3  3
# Filtered P pix:  0  1  1  0  0  0  1  0
# Filtered Q pix:  0  1  1  0  0  1  0  1
FirstOffset:      -1  1  0  0  0  0 -1  0
SecondOffset:     -1  0  0 -2 -1 -1 -1 -1
ThirdOffset:       1 -1  0  1 -1  0  0  0
FirstOffsetClip:  -1  1  0  0  0  0 -1  0
SecondOffsetClip: -1  0  0 -1 -1 -1 -1 -1
ThirdOffsetClip:   1 -1  0  1 -1  0  0  0

Block 738:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:36 S11:24 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:78 S01:60 S11:55 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:42 S01:12 S11:34 S02:36 S12:49 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:37 S01:12 S11:13 S02:24 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:45 S01:36 S11:24 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:34 S01:24 S11:31 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:37 S01:36 S11:39 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:24 S11:42 S02:24 S12:36 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  2  2  0  2  0
Diff_de:           0 -1  1  1 -1  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  2  3  2  0
# Filtered pixels: 3  2  3  3  2  3  2  2
# Filtered P pix:  0  0  1  1  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  1  0  0
FirstOffset:       0 -1  1  1 -2 -1  1  0
SecondOffset:     -1 -2  1  0  0 -1  0  1
ThirdOffset:       0 -1  0 -1  0  1  0 -1
FirstOffsetClip:   0 -1  1  1 -1 -1  1  0
SecondOffsetClip: -1 -1  1  0  0 -1  0  1
ThirdOffsetClip:   0 -1  0 -1  0  1  0 -1

Block 739:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:44 S01:48 S11:42 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:36 S11:24 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:12 S11:44 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:24 S11:36 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:0 S11:39 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:45 S01:12 S11:18 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:12 S11:8 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:18 S01:24 S11:42 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  2  1  4  4  2  0
Diff_de:           0  1  0  0  1  2  1  0
Diff_c:            1  1 -1  1  1  1  0  0
Diff_f:            1 -1  1  0 -1  1  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  0  3  4  3  2  1
# Filtered pixels: 3  4  3  4  4  3  4  4
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  0  1  1
FirstOffset:       0  0  0 -1  1  2  1  0
SecondOffset:      1  1  0  0  1  1  0 -1
ThirdOffset:       1  0  1  1 -1  0  0  0
FirstOffsetClip:   0  0  0 -1  1  2  1  0
SecondOffsetClip:  1  1  0  0  1  1  0 -1
ThirdOffsetClip:   1  0  1  1 -1  0  0  0

Block 740:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:8 S02:24 S12:42 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:73 S01:48 S11:47 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:16 S01:0 S11:52 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:12 S11:18 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:16 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:44 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:18 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:12 S11:34 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  2  2  3  1  2  0
Diff_de:           0  1  1 -1  1  0  0  0
Diff_c:            0  0  0  0  0  0 -1  0
Diff_f:           -1  0  0  0  1  1  1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  3  2  2  2  1  3
# Filtered pixels: 4  2  4  3  4  4  4  4
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  1  0  1  0  1  1  1  1
FirstOffset:       1  1  1 -1  1  1  0  1
SecondOffset:      1 -1  1  0  0  0  0  0
ThirdOffset:      -1 -1  0  2  0  0  1 -1
FirstOffsetClip:   1  1  1 -1  1  1  0  1
```

```
SecondOffsetClip:  1 -1  1  0  0  0  0  0
ThirdOffsetClip:  -1 -1  0  1  0  0  1 -1

Block 741:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:8 S01:48 S11:37 S02:60 S12:60 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:16 S01:24 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:24 S11:42 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:36 S11:24 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:24 S11:62 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:12 S11:21 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:18 S01:24 S11:29 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:24 S11:26 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  4  3  1  2  1  0  1
Diff_de:           1  1  1  0  0  0  0  0
Diff_c:            0  1  1  1 -1  0  0 -1
Diff_f:            0 -1  0  0 -1 -1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  1  3  2  2  1  1
# Filtered pixels: 2  4  4  3  4  3  4  3
# Filtered P pix:  0  1  1  0  1  1  1  1
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:       0  1  0 -1  0  1  0  0
SecondOffset:     -1  1  1  0 -1  0  1 -1
ThirdOffset:       1 -1  0  1 -1 -1  0 -1
FirstOffsetClip:   0  1  0 -1  0  1  0  0
SecondOffsetClip: -1  1  1  0 -1  0  1 -1
ThirdOffsetClip:   1 -1  0  1 -1 -1  0 -1

Block 742:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:13 S02:12 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:16 S01:36 S11:37 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:54 S01:36 S11:39 S02:60 S12:45 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:31 S01:12 S11:18 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:50 S01:0 S11:26 S02:0 S12:13 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
```

```
Row:6 S0:34 S01:24 S11:21 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:53 S01:12 S11:31 S02:60 S12:45 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:49 S01:12 S11:18 S02:36 S12:39 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  4  2  2  0
# Filtered pixels: 2  2  2  2  4  2  2  2
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:      -1 -1  0  0 -2  1 -2  0
SecondOffset:     -1  0  1  0 -1  0 -1  0
ThirdOffset:       0  0  1 -1  1  0  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 743:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:21 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:12 S11:31 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:45 S01:24 S11:29 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:12 S11:34 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:36 S11:50 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:78 S01:24 S11:21 S02:36 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  4  4  0  2  2  4
Diff_de:          -1  0  2  1  0  1  0  1
Diff_c:            0  1  1  1  0  0 -1 -1
Diff_f:            1 -1  1  1  0  0 -1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  3  2  3  3  2
# Filtered pixels: 3  3  3  3  4  4  3  3
# Filtered P pix:  1  1  1  1  1  1  0  1
```

```
# Filtered Q pix:  0  0  0  0  1  1  1  0
FirstOffset:       0 -1  2  1 -1  1  1  1
SecondOffset:      0  0  2  1  0  0  0  0
ThirdOffset:       1  0  0  1  0 -1 -1 -1
FirstOffsetClip:   0 -1  2  1 -1  1  1  1
SecondOffsetClip:  0  0  1  1  0  0  0  0
ThirdOffsetClip:   1  0  0  1  0 -1 -1 -1

Block 744:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:13 S01:48 S11:37 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:8 S01:48 S11:37 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:3 S0:16 S01:24 S11:26 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:49 S01:48 S11:42 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:36 S11:34 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:34 S01:24 S11:16 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:24 S01:48 S11:32 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:45 S01:36 S11:37 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  0  2  2  2
# Filtered pixels: 2  3  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:       0  0 -1  0  0 -1 -1  2
SecondOffset:     -1  1 -1  1 -1  0  1  0
ThirdOffset:       1  0  0  1 -1  1  0  0
FirstOffsetClip:   0  0 -1  0  0 -1 -1  1
SecondOffsetClip: -1  1 -1  1 -1  0  1  0
ThirdOffsetClip:   1  0  0  1 -1  1  0  0

Block 745:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:31 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:48 S11:52 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:48 S11:47 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:12 S11:18 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:12 S11:47 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:0 S11:52 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  1  2  0  2  0
Diff_de:           1  0  0  0 -1  0  0  0
Diff_c:            0  1  1  1  0  0 -1  0
Diff_f:            0 -1  1  0  0  0 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  1  0  3  0  1  2
# Filtered pixels: 4  3  3  4  4  4  4  4
# Filtered P pix:  1  0  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  0  0  0 -1  0  0  1
SecondOffset:      0  1  1  0  0  0  0  0
ThirdOffset:      -1 -1  1  0  1  0 -1  0
FirstOffsetClip:   1  0  0  0 -1  0  0  1
SecondOffsetClip:  0  1  1  0  0  0  0  0
ThirdOffsetClip:  -1 -1  1  0  1  0 -1  0

Block 746:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:8 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:36 S11:24 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:48 S11:52 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:36 S11:29 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:0 S11:39 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:36 S11:44 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  2  3  4  4  4  4
Diff_de:           1  0  0  1  1 -1 -1 -1
Diff_c:            0  0 -1 -1 -1 -1 -1 -1
Diff_f:           -1  1 -1  0  1  1  1 -1
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  1  3  2  4  4  2
# Filtered pixels: 4  4  3  3  2  4  4  2
# Filtered P pix:  1  1  0  0  0  1  1  0
# Filtered Q pix:  1  1  1  1  0  1  1  0
FirstOffset:       1  0  0  1  1 -1 -1 -1
SecondOffset:      0  0 -1 -1  0 -1 -1 -1
ThirdOffset:      -1  0 -1 -1  1  1  1 -1
FirstOffsetClip:   1  0  0  1  1 -1 -1 -1
SecondOffsetClip:  0  0 -1 -1  0 -1 -1 -1
ThirdOffsetClip:  -1  0 -1 -1  1  1  1 -1

Block 747:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:8 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:37 S01:36 S11:50 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:29 S01:12 S11:31 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:57 S01:36 S11:44 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:0 S11:26 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:63 S01:24 S11:16 S02:24 S12:55 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:7 S0:0 S01:24 S11:16 S02:48 S12:58 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:12 S11:21 S02:24 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  2  2  2  1  2  1  3
Diff_de:           0  1 -1  1  0 -1  0  1
Diff_c:            0  0  0  0  0  0  1  0
Diff_f:            0  0  0  0 -1  0  0 -1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  4  2  3  2  0  2
# Filtered pixels: 4  2  4  2  3  2  2  3
# Filtered P pix:  1  0  1  0  1  0  0  1
# Filtered Q pix:  1  0  1  0  0  0  0  0
FirstOffset:       0  1 -1  1 -1 -2  0  1
SecondOffset:      0  0 -1  1 -1 -1  1  0
ThirdOffset:       0  1  1  1  0  1  1 -1
FirstOffsetClip:   0  1 -1  1 -1 -1  0  1
SecondOffsetClip:  0  0 -1  1 -1 -1  1  0
ThirdOffsetClip:   0  1  1  1  0  1  1 -1

Block 748:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
```

```
Row:1 S0:31 S01:48 S11:45 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:24 S11:26 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:36 S11:39 S02:48 S12:57 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:24 S11:36 S02:60 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:36 S11:24 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:36 S11:49 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:48 S11:47 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:36 S11:50 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  4  4  3  2  2  4
Diff_de:           0  1  1  1 -1  0  0  1
Diff_c:           -1 -1  1 -1 -1  1  1  1
Diff_f:            0 -1 -1 -1  0 -1 -1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  1  2  4  1  2  1
# Filtered pixels: 3  3  3  3  4  4  3  4
# Filtered P pix:  0  1  1  1  1  1  0  1
# Filtered Q pix:  1  0  0  0  1  1  1  1
FirstOffset:       0  1  0  1 -1  0 -1  0
SecondOffset:     -1  0  1  0 -1  1  1  1
ThirdOffset:       0 -2 -1 -2  1  0  0  0
FirstOffsetClip:   0  1  0  1 -1  0 -1  0
SecondOffsetClip: -1  0  1  0 -1  1  1  1
ThirdOffsetClip:   0 -2 -1 -2  1  0  0  0

Block 749:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:37 S01:36 S11:39 S02:48 S12:37 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:0 S11:52 S02:24 S12:42 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:36 S11:29 S02:48 S12:42 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:55 S01:12 S11:31 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:29 S01:0 S11:0 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:24 S11:29 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:36 S11:29 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:47 S01:12 S11:34 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  3  2  2  4  3  3  2
Diff_de:           1  1  0 -1 -1 -1  1 -1
Diff_c:           -1  0  1  0 -1 -1  1  0
Diff_f:            1 -1 -1  0  1  0  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  4  2  3  4  3  2  2
# Filtered pixels: 2  4  2  4  4  4  3  4
# Filtered P pix:  0  1  0  1  1  1  0  1
# Filtered Q pix:  0  1  0  1  1  1  1  1
FirstOffset:       1  1 -1 -1 -1 -1  1 -1
SecondOffset:      0  1  0 -1 -1 -1  1  0
ThirdOffset:       1 -1 -1  0  1  0  0  0
FirstOffsetClip:   1  1 -1 -1 -1 -1  1 -1
SecondOffsetClip:  0  1  0 -1 -1 -1  1  0
ThirdOffsetClip:   1 -1 -1  0  1  0  0  0

Block 750:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:62 S01:36 S11:34 S02:24 S12:36 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:65 S01:36 S11:39 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:0 S01:36 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:24 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:36 S11:44 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:49 S01:24 S11:16 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:48 S11:57 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:36 S11:34 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  2  2  4  1  4  4
Diff_de:           0  1  0  0  1  0  1 -1
Diff_c:            1 -1  1  1  1  0  1  1
Diff_f:            1  0  1 -1 -1  1  1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  1  1  4  2  1  2
# Filtered pixels: 4  4  4  4  4  4  3  3
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:       0  1  0  0  1  0  0 -1
SecondOffset:      1  0  1  1  1  1  1  0
ThirdOffset:       1 -1  0  0 -1  1  1  2
FirstOffsetClip:   0  1  0  0  1  0  0 -1
```

```
SecondOffsetClip:  1  0  1  1  1  1  1  0
ThirdOffsetClip:   1 -1  0  0 -1  1  1  2

Block 751:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:16 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:39 S01:12 S11:21 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:12 S11:31 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:0 S11:26 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:44 S01:60 S11:65 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:58 S01:48 S11:42 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:72 S11:68 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:0 S01:12 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  0  0  2  2  0
Diff_de:          -1  0 -1  0  0 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  2  0  0  3  3  0
# Filtered pixels: 2  4  3  3  2  3  3  4
# Filtered P pix:  0  1  1  1  0  0  0  1
# Filtered Q pix:  0  1  0  0  0  1  1  1
FirstOffset:       0  1 -1  0  0 -2  1  0
SecondOffset:      1  1  0  0  1  0 -1  0
ThirdOffset:      -1 -1  1 -1 -1  1 -1  0
FirstOffsetClip:   0  1 -1  0  0 -1  1  0
SecondOffsetClip:  1  1  0  0  1  0 -1  0
ThirdOffsetClip:  -1 -1  1 -1 -1  1 -1  0

Block 752:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:57 S01:24 S11:62 S02:0 S12:13 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:29 S01:24 S11:49 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:37 S01:60 S11:45 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:58 S01:48 S11:47 S02:36 S12:44 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:31 S01:24 S11:31 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:21 S01:12 S11:34 S02:12 S12:60 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:47 S01:48 S11:32 S02:12 S12:47 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:13 S01:24 S11:29 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  2  0  2  2  0
# Filtered pixels: 3  2  2  2  3  2  2  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  1  0  0  1
FirstOffset:       1 -1 -1 -2  0  1 -1  0
SecondOffset:      1  0  1  0  1  0  1 -1
ThirdOffset:      -1  0  0  0  0  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 753:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:36 S01:0 S11:39 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:48 S11:47 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:39 S01:12 S11:31 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:18 S01:12 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:5 S0:29 S01:24 S11:31 S02:60 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:13 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:57 S01:60 S11:50 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:18 S01:36 S11:24 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0 -1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  2  0  3  0
# Filtered pixels: 3  2  3  4  2  3  3  2
# Filtered P pix:  1  0  1  1  0  1  0  0
```

```
# Filtered Q pix:  0  0  0  1  0  0  1  0
FirstOffset:       0  1 -1  0 -1  0  1  0
SecondOffset:      0  2 -1  0  0  0 -1  1
ThirdOffset:      -1 -1  1  0 -1  1 -1 -1
FirstOffsetClip:   0  1 -1  0 -1  0  1  0
SecondOffsetClip:  0  1 -1  0  0  0 -1  1
ThirdOffsetClip:  -1 -1  1  0 -1  1 -1 -1

Block 754:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:24 S11:16 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:0 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:0 S11:26 S02:36 S12:37 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:18 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:60 S11:40 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:73 S01:12 S11:13 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  3  3  0  3  1  1  2
Diff_de:           0  1  1  0 -1  0  0 -1
Diff_c:            0 -1  1  0  0  0  0  0
Diff_f:           -1  0  0  0  1  1  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  4  0  3  0  2  2
# Filtered pixels: 4  3  4  4  3  3  3  3
# Filtered P pix:  1  0  1  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  0  0  1  0
FirstOffset:       0  1  1  0 -1  0  1 -1
SecondOffset:      0  0  1  0 -1  0  2  0
ThirdOffset:       0 -1 -1  0  1  1  0  2
FirstOffsetClip:   0  1  1  0 -1  0  1 -1
SecondOffsetClip:  0  0  1  0 -1  0  1  0
ThirdOffsetClip:   0 -1 -1  0  1  1  0  1

Block 755:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:72 S11:68 S02:36 S12:24 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:12 S11:34 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:36 S11:34 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:0 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:24 S01:0 S11:39 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:36 S01:12 S11:13 S02:60 S12:70 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:62 S01:48 S11:32 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:49 S01:0 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  1  0  3  1  1  0
Diff_de:           0  1  0  0  1  0  0  0
Diff_c:            0  0  1  0  0  1  1  0
Diff_f:           -1 -1  0  0 -1  0  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  2  0  4  0  0  0
# Filtered pixels: 3  3  4  4  4  3  3  4
# Filtered P pix:  0  1  1  1  1  1  0  1
# Filtered Q pix:  1  0  1  1  1  0  1  1
FirstOffset:       0  0 -1  0  1  0  0  0
SecondOffset:      2  0  0  0  1  0  1  0
ThirdOffset:      -1 -1  0  0 -1 -1  0  0
FirstOffsetClip:   0  0 -1  0  1  0  0  0
SecondOffsetClip:  1  0  0  0  1  0  1  0
ThirdOffsetClip:  -1 -1  0  0 -1 -1  0  0

Block 756:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:26 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:24 S01:12 S11:60 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:49 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:29 S01:24 S11:68 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:42 S01:24 S11:29 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:18 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:52 S01:24 S11:21 S02:72 S12:63 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:4
Row:8 S0:36 S01:0 S11:13 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 1  3  1  4  2  1  3  1
Diff_de:           0  1  0 -1 -1  0 -1  0
Diff_c:            0  0  0 -1  0  0  0  0
Diff_f:           -2  1 -1  1  0 -1  2 -2
```

```
'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  4  2  0  2  0
# Filtered pixels: 3  4  4  4  4  4  3  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  1  1  0  0
FirstOffset:      -1  1  0 -1 -1  0 -1  0
SecondOffset:     -1  1 -1 -1  0  0  0  0
ThirdOffset:      -1  0 -1  1  0  0  2 -1
FirstOffsetClip:  -1  1  0 -1 -1  0 -1  0
SecondOffsetClip: -1  1 -1 -1  0  0  0  0
ThirdOffsetClip:  -1  0 -1  1  0  0  2 -1

Block 757:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:31 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:12 S11:13 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:24 S11:16 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:72 S11:68 S02:48 S12:37 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:12 S11:31 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:0 S11:26 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:36 S11:44 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:12 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  4  1  4  2  1  3
Diff_de:           0  0 -1  0 -1  1  0  1
Diff_c:            1 -1 -1  0 -1  0  1  0
Diff_f:            0  1  1  1  1  0  0 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  3  0  4  4  1  3
# Filtered pixels: 4  4  3  2  4  4  4  4
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  1  1  0  0  1  1  1  1
FirstOffset:       0  0 -1  0 -1  1  0  1
SecondOffset:      1  0 -1 -2 -1  1  1  0
ThirdOffset:       0  1  2  1  1 -1  0 -1
FirstOffsetClip:   0  0 -1  0 -1  1  0  1
SecondOffsetClip:  1  0 -1 -2 -1  1  1  0
ThirdOffsetClip:   0  1  2  1  1 -1  0 -1

Block 758:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:32 S01:48 S11:37 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:73 S01:24 S11:36 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:55 S01:12 S11:13 S02:48 S12:32 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:24 S01:12 S11:8 S02:60 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:34 S01:12 S11:13 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:39 S01:36 S11:24 S02:24 S12:36 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:36 S11:34 S02:12 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:24 S01:24 S11:31 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  2  2  0  0  0
Diff_de:           0  1 -1  1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  3  2  2  2  0  2
# Filtered pixels: 2  3  3  3  3  2  3  2
# Filtered P pix:  0  0  1  1  1  0  0  0
# Filtered Q pix:  0  1  0  0  0  0  1  0
FirstOffset:       2  1 -1  1 -1  1  0 -1
SecondOffset:      0  1 -1  0  0  0  1  0
ThirdOffset:       0  0 -1  1 -1 -1  0 -1
FirstOffsetClip:   1  1 -1  1 -1  1  0 -1
SecondOffsetClip:  0  1 -1  0  0  0  1  0
ThirdOffsetClip:   0  0 -1  1 -1 -1  0 -1

Block 759:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:16 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:0 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:0 S11:26 S02:24 S12:36 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:12 S11:18 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:32 S01:24 S11:21 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:36 S11:50 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:52 S01:24 S11:16 S02:0 S12:65 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:55 S01:48 S11:47 S02:12 S12:21 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 3  1  3  2  3  0  2  2
Diff_de:           1  0  1  1 -2  0  1 -1
Diff_c:           -1  0  0  0  1  0  0  0
Diff_f:            0 -1  1  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  2  2  3  2
# Filtered pixels: 2  3  3  4  2  2  3  3
# Filtered P pix:  0  1  1  1  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  1  1
FirstOffset:       1  0  1  1 -2  1  1 -1
SecondOffset:      0  0  1  0 -1  1  1 -2
ThirdOffset:      -2 -1  0 -1  0 -1 -1  0
FirstOffsetClip:   1  0  1  1 -1  1  1 -1
SecondOffsetClip:  0  0  1  0 -1  1  1 -1
ThirdOffsetClip:  -1 -1  0 -1  0 -1 -1  0

Block 760:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:55 S01:48 S11:42 S02:12 S12:60 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:68 S01:48 S11:47 S02:24 S12:16 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:50 S01:24 S11:26 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:0 S11:0 S02:12 S12:18 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:29 S01:24 S11:26 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:29 S01:24 S11:31 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:8 S01:0 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:49 S01:48 S11:42 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  2  2  2  0  0
Diff_de:           1  0  0  1  1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  3  2  3  0  0
# Filtered pixels: 2  2  2  3  2  3  3  3
# Filtered P pix:  0  0  0  1  0  0  1  0
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       1 -2  2  1  1 -1  0  0
SecondOffset:     -1  0  1  1  0  0  0  1
ThirdOffset:       0  2 -1 -1  0  1 -1  0
FirstOffsetClip:   1 -1  1  1  1 -1  0  0
```

```
SecondOffsetClip: -1  0  1  1  0  0  0  1
ThirdOffsetClip:   0  1 -1 -1  0  1 -1  0

Block 761:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:47 S01:48 S11:32 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:18 S01:12 S11:44 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:12 S11:21 S02:12 S12:8 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:26 S01:24 S11:16 S02:48 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:36 S11:29 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:12 S11:34 S02:60 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:49 S01:12 S11:60 S02:36 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:24 S11:42 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  0  0  2  0  0
Diff_de:           1  0 -1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  0  2  3  0  3
# Filtered pixels: 3  4  4  2  2  3  3  3
# Filtered P pix:  0  1  1  0  0  1  1  0
# Filtered Q pix:  1  1  1  0  0  0  0  1
FirstOffset:       1  0 -1  0  1 -1  0  1
SecondOffset:     -1  0 -1  1  1 -1  0  1
ThirdOffset:      -1  0  0  1  0 -1  1 -1
FirstOffsetClip:   1  0 -1  0  1 -1  0  1
SecondOffsetClip: -1  0 -1  1  1 -1  0  1
ThirdOffsetClip:  -1  0  0  1  0 -1  1 -1

Block 762:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:0 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:24 S11:29 S02:60 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:24 S11:31 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:24 S11:42 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:8 S01:12 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:24 S11:31 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:36 S11:29 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  1  1  1  0  1  4
Diff_de:          -1  0  0  0  0  0  0  1
Diff_c:            0  1  1  0  1  0 -1 -1
Diff_f:            1  0  0 -1  0  0  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  1  0  1  0  1  2
# Filtered pixels: 3  3  4  4  4  4  3  3
# Filtered P pix:  1  1  1  1  1  1  1  0
# Filtered Q pix:  0  0  1  1  1  1  0  1
FirstOffset:      -1  0  0  0  0  0  0  1
SecondOffset:     -1  1  1  0  1  0 -1  0
ThirdOffset:       1 -1  0  0  0  0 -1  0
FirstOffsetClip:  -1  0  0  0  0  0  0  1
SecondOffsetClip: -1  1  1  0  1  0 -1  0
ThirdOffsetClip:   1 -1  0  0  0  0 -1  0

Block 763:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:8 S02:12 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:36 S11:63 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:53 S01:0 S11:39 S02:60 S12:65 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:4 S0:13 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:21 S01:12 S11:8 S02:12 S12:8 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:58 S01:36 S11:37 S02:72 S12:63 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:42 S01:48 S11:42 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:12 S11:13 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  2  2  2  0
# Filtered pixels: 2  2  3  2  2  2  2  2
# Filtered P pix:  0  0  1  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  2  0 -1  2  1  0
SecondOffset:      0  1  1  0 -1  0 -1  0
ThirdOffset:       0 -1  0  0  1  1  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 764:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:73 S01:48 S11:37 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:44 S01:48 S11:37 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:40 S01:48 S11:37 S02:60 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:8 S01:36 S11:24 S02:24 S12:36 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:24 S11:29 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:44 S01:0 S11:39 S02:72 S12:78 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:39 S01:24 S11:26 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:24 S11:26 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  2  4  0  2  3
Diff_de:           1 -1 -1  0 -1  0  0 -1
Diff_c:            0  0  0  1 -1  0 -1 -1
Diff_f:            0  0  0 -1  1  0 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  0  2  0  2  0
# Filtered pixels: 3  2  2  2  2  3  2  3
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  1  0  0  0  0  0  0  1
FirstOffset:       1  0 -2  0 -1  0  1  0
SecondOffset:     -1  1  0  1 -1  0  0 -1
ThirdOffset:      -1  1  0 -1  1  2 -1  0
FirstOffsetClip:   1  0 -1  0 -1  0  1  0
SecondOffsetClip: -1  1  0  1 -1  0  0 -1
ThirdOffsetClip:  -1  1  0 -1  1  1 -1  0

Block 765:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:47 S01:0 S11:26 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:65 S01:48 S11:37 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:13 S01:24 S11:16 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:12 S11:31 S02:36 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:12 S11:60 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:36 S11:39 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:0 S11:0 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:36 S11:24 S02:60 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  1  0  2  0  2  3
Diff_de:           1  1  0  0  1  0 -1  1
Diff_c:            0  0  1  0  0  0  0  1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  4  0  3  2
# Filtered pixels: 3  3  3  3  4  3  3  2
# Filtered P pix:  1  0  0  1  1  0  1  0
# Filtered Q pix:  0  1  1  0  1  1  0  0
FirstOffset:       1  1  0  0  1  0 -1  1
SecondOffset:      1 -1  1  0  1 -1 -1  1
ThirdOffset:       1  0  0 -1 -1  0  0  1
FirstOffsetClip:   1  1  0  0  1  0 -1  1
SecondOffsetClip:  1 -1  1  0  1 -1 -1  1
ThirdOffsetClip:   1  0  0 -1 -1  0  0  1

Block 766:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:42 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:48 S11:52 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:24 S11:21 S02:12 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:47 S01:24 S11:16 S02:60 S12:40 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:24 S11:16 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:49 S01:36 S11:44 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  3  3  1  4  2  0
Diff_de:           1  1 -1  1  0  1  0  0
Diff_c:           -1  0  1 -1 -1  1  1  0
Diff_f:            0 -1  0  0  0 -1  1  0
```

```
'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  2  1  0  2  0
# Filtered pixels: 3  3  4  3  4  4  4  3
# Filtered P pix:  1  0  1  1  1  1  1  0
# Filtered Q pix:  0  1  1  0  1  1  1  1
FirstOffset:       1  1 -1  1  0  0  0  0
SecondOffset:      0 -1  0  0 -1  0  1  1
ThirdOffset:      -2 -1  0 -2  0  0  1  0
FirstOffsetClip:   1  1 -1  1  0  0  0  0
SecondOffsetClip:  0 -1  0  0 -1  0  1  1
ThirdOffsetClip:  -1 -1  0 -1  0  0  1  0

Block 767:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:36 S01:0 S11:26 S02:60 S12:55 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:48 S11:37 S02:12 S12:13 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:45 S01:36 S11:34 S02:36 S12:34 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:52 S01:12 S11:44 S02:48 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:26 S01:12 S11:44 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:39 S01:48 S11:57 S02:12 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:36 S11:34 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:0 S11:26 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  0  2  2  0
# Filtered pixels: 3  2  2  2  3  2  2  3
# Filtered P pix:  1  0  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:       0 -1 -2 -1  0  1 -1  0
SecondOffset:      0 -2  0 -1  0  2  0  0
ThirdOffset:       1  1  0 -1  0 -1  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 768:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
```

```
Row:1 S0:24 S01:24 S11:29 S02:60 S12:53 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:26 S01:12 S11:18 S02:60 S12:40 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:48 S11:42 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:32 S01:0 S11:0 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:12 S11:47 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:12 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:13 S01:12 S11:47 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:60 S11:40 S02:24 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  2  3  1  2  2  1
Diff_de:           1  0  1  1  0  1  1  0
Diff_c:            0 -1  0  1  0  0  0  0
Diff_f:            0  0  0  0  1  0  0 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  4  1  3  0  1
# Filtered pixels: 3  3  3  4  4  4  3  3
# Filtered P pix:  1  1  0  1  1  1  1  0
# Filtered Q pix:  0  0  1  1  1  1  0  1
FirstOffset:       1  0  1  2  0  1  0  0
SecondOffset:      0  0 -1  1  0  1  0  1
ThirdOffset:       1 -1 -1 -1  1  0  1 -1
FirstOffsetClip:   1  0  1  1  0  1  0  0
SecondOffsetClip:  0  0 -1  1  0  1  0  1
ThirdOffsetClip:   1 -1 -1 -1  1  0  1 -1

Block 769:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:34 S02:36 S12:50 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:18 S01:12 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:60 S11:50 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:36 S11:37 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:39 S01:60 S11:40 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:42 S01:36 S11:37 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:12 S11:18 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:8 S01:0 S11:0 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 0  0  2  0  2  0  0  0
Diff_de:           0  0  1  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  2  3  0
# Filtered pixels: 3  4  3  3  3  2  4  4
# Filtered P pix:  1  1  0  0  0  0  1  1
# Filtered Q pix:  0  1  1  1  1  0  1  1
FirstOffset:       0  0  0  0  1 -1 -1  0
SecondOffset:      0  0 -1 -1  2  0 -1  0
ThirdOffset:      -1  0  0  0  0  0  0  0
FirstOffsetClip:   0  0  0  0  1 -1 -1  0
SecondOffsetClip:  0  0 -1 -1  1  0 -1  0
ThirdOffsetClip:  -1  0  0  0  0  0  0  0

Block 770:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:24 S01:24 S11:36 S02:72 S12:63 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:31 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:40 S01:48 S11:47 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:12 S11:31 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:68 S01:12 S11:13 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:55 S01:48 S11:42 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:36 S11:49 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  1  2  1  2  2  2
Diff_de:          -1  1  0 -2  0  1 -1 -2
Diff_c:            0 -1  1  0  1  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  3  0  4  2  2
# Filtered pixels: 4  3  4  3  4  4  2  3
# Filtered P pix:  1  1  1  0  1  1  0  0
# Filtered Q pix:  1  0  1  1  1  1  0  1
FirstOffset:      -1  1 -1 -2  0  2 -1 -1
SecondOffset:      0  0  0  0  0  1  1  0
ThirdOffset:       1  1  0  1  0 -1  0  0
FirstOffsetClip:  -1  1 -1 -1  0  1 -1 -1
```

```
SecondOffsetClip:  0  0  0  0  0  1  1  0
ThirdOffsetClip:   1  1  0  1  0 -1  0  0

Block 771:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:47 S01:60 S11:40 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:21 S01:24 S11:29 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:32 S01:12 S11:21 S02:36 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:18 S01:48 S11:52 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:36 S11:39 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:12 S11:34 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:31 S01:48 S11:42 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:13 S01:12 S11:31 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  0  0  0  0  0
Diff_de:          -1  0 -1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  0  0  0  0  0
# Filtered pixels: 3  3  3  3  3  4  3  3
# Filtered P pix:  0  0  1  0  0  1  0  1
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:      -1  1 -2  0  0  0  0  0
SecondOffset:      1  0 -1  1 -1  0 -1  0
ThirdOffset:       1 -1  0  0  0  0  0  1
FirstOffsetClip:  -1  1 -1  0  0  0  0  0
SecondOffsetClip:  1  0 -1  1 -1  0 -1  0
ThirdOffsetClip:   1 -1  0  0  0  0  0  1

Block 772:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:26 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:47 S01:12 S11:13 S02:24 S12:16 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:39 S01:0 S11:39 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:12 S11:34 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:13 S01:12 S11:13 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
```

```
Row:6 S0:21 S01:24 S11:16 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:21 S01:24 S11:21 S02:36 S12:24 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:63 S01:12 S11:34 S02:24 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  0  0  2
Diff_de:           0 -1 -1  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  4  0  0  2  2  3
# Filtered pixels: 3  3  4  3  3  2  2  3
# Filtered P pix:  0  1  1  1  1  0  0  1
# Filtered Q pix:  1  0  1  0  0  0  0  0
FirstOffset:       0 -1 -1  0  0  1 -1 -2
SecondOffset:      1  0 -1  0  0  0 -1 -1
ThirdOffset:       0  1  1  1  1 -1  1  1
FirstOffsetClip:   0 -1 -1  0  0  1 -1 -1
SecondOffsetClip:  1  0 -1  0  0  0 -1 -1
ThirdOffsetClip:   0  1  1  1  1 -1  1  1

Block 773:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:0 S11:13 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:12 S11:34 S02:12 S12:73 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:0 S11:0 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:55 S01:48 S11:37 S02:24 S12:42 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:21 S01:24 S11:29 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:57 S01:12 S11:13 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:50 S01:24 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  0  1  4  3  0  2
Diff_de:           0 -2  0  0 -1  1  0  1
Diff_c:            1 -1  0  0  1  1  0  0
Diff_f:            0 -1  0  1 -1  0  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  1  2  3  4  4
# Filtered pixels: 4  4  4  4  3  4  4  4
# Filtered P pix:  1  1  1  1  0  1  1  1
```

```
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0 -2  0  0 -1  1  1  2
SecondOffset:      0 -1  0  0  1  1  1  1
ThirdOffset:       0  0  0  1  0  0 -1 -1
FirstOffsetClip:   0 -2  0  0 -1  1  1  2
SecondOffsetClip:  0 -1  0  0  1  1  1  1
ThirdOffsetClip:   0  0  0  1  0  0 -1 -1

Block 774:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:52 S01:0 S11:26 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:57 S01:36 S11:29 S02:0 S12:52 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:31 S01:48 S11:37 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:12 S11:34 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:36 S11:37 S02:60 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:0 S11:52 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:24 S11:55 S02:60 S12:53 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  1  4  4  2  1  2
Diff_de:          -1  0  0  1 -1  1  0  0
Diff_c:            0 -1  1  1 -1  0  0 -1
Diff_f:            1  0  0 -1  1  0 -1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  4  3  3  0  1
# Filtered pixels: 4  4  3  4  3  4  4  3
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  1  1  0
FirstOffset:      -1  1  0  1 -1  1  0  0
SecondOffset:     -1  0  1  1 -1  1  0 -1
ThirdOffset:       1 -1  0 -1  2  0  0  1
FirstOffsetClip:  -1  1  0  1 -1  1  0  0
SecondOffsetClip: -1  0  1  1 -1  1  0 -1
ThirdOffsetClip:   1 -1  0 -1  1  0  0  1

Block 775:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:24 S01:12 S11:60 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:44 S01:24 S11:29 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:34 S01:36 S11:63 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:21 S01:24 S11:42 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:47 S01:36 S11:29 S02:24 S12:16 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:29 S01:24 S11:31 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:36 S11:44 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:31 S01:36 S11:24 S02:72 S12:73 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  2  2  2  0
Diff_de:          -1  0 -1  1 -1 -1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  2  2  2  3  2  0
# Filtered pixels: 4  3  2  2  2  3  2  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  1  1  0  0  0  1  0  0
FirstOffset:      -1  0 -1  1 -1 -1  1  0
SecondOffset:     -1 -1 -1  1  0 -1  1  1
ThirdOffset:       1  0  0  0  0  1  0 -2
FirstOffsetClip:  -1  0 -1  1 -1 -1  1  0
SecondOffsetClip: -1 -1 -1  1  0 -1  1  1
ThirdOffsetClip:   1  0  0  0  0  1  0 -1

Block 776:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:55 S01:36 S11:37 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:8 S01:12 S11:18 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:62 S01:72 S11:68 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:47 S01:60 S11:60 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:8 S01:48 S11:45 S02:24 S12:49 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:45 S01:12 S11:73 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:50 S01:12 S11:57 S02:12 S12:34 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:44 S01:12 S11:60 S02:36 S12:29 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  1  3  3  1  2  2  3
Diff_de:          -1  0 -1  1  0 -2 -2 -1
Diff_c:           -1 -1  0  0  0  0  0  0
Diff_f:           -1  0 -1 -1  1  0  0 -1
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  1  3  1  4  4  0
# Filtered pixels: 3  4  3  3  3  4  4  3
# Filtered P pix:  0  1  0  0  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:      -1  0  0  1  0 -2 -2  0
SecondOffset:     -1  0 -2 -1 -1 -1 -1  0
ThirdOffset:       0  0 -1 -1  1  1  1 -1
FirstOffsetClip:  -1  0  0  1  0 -2 -2  0
SecondOffsetClip: -1  0 -1 -1 -1 -1 -1  0
ThirdOffsetClip:   0  0 -1 -1  1  1  1 -1

Block 777:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:21 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:26 S01:48 S11:42 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:34 S01:12 S11:13 S02:12 S12:8 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:26 S01:48 S11:32 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:47 S01:0 S11:26 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:0 S01:24 S11:42 S02:24 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:12 S11:13 S02:48 S12:45 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:8 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  2  0  0  0
Diff_de:           0  0  0  1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  3  0  2  2
# Filtered pixels: 2  2  2  2  3  2  2  2
# Filtered P pix:  0  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1  0 -1  0 -1  0 -1 -1
SecondOffset:      0  1  0 -1 -1  1  0  0
ThirdOffset:       0  0  1  0  1  1  2  1
FirstOffsetClip:   1  0 -1  0 -1  0 -1 -1
SecondOffsetClip:  0  1  0 -1 -1  1  0  0
ThirdOffsetClip:   0  0  1  0  1  1  1  1

Block 778:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
```

```
Row:1 S0:44 S01:12 S11:31 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:18 S01:36 S11:37 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:32 S01:24 S11:16 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:16 S01:12 S11:21 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:0 S11:0 S02:60 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:36 S11:24 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  1  1  1  2  4
Diff_de:           1  0  1  0  0  0  0  1
Diff_c:            0 -1  0 -1  0  0  1  1
Diff_f:           -1 -1  0  0  1 -1  1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  3  1  2  3  1  4
# Filtered pixels: 4  4  4  4  3  3  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  0  0  1
FirstOffset:       0  0  2  0  1 -1  0  1
SecondOffset:      0 -1  1 -1  0 -1  1  1
ThirdOffset:      -1 -1  0  0  1 -1  1 -1
FirstOffsetClip:   0  0  2  0  1 -1  0  1
SecondOffsetClip:  0 -1  1 -1  0 -1  1  1
ThirdOffsetClip:  -1 -1  0  0  1 -1  1 -1

Block 779:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:68 S01:36 S11:29 S02:24 S12:16 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:2 S0:44 S01:24 S11:16 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:21 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:24 S01:24 S11:21 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:47 S01:24 S11:42 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:57 S01:12 S11:18 S02:72 S12:53 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:36 S11:34 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:36 S11:29 S02:0 S12:39 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  2  0  2  0  2
Diff_de:           0  0 -1 -1  0 -1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  3  2  2  2  0
# Filtered pixels: 2  2  4  3  2  3  2  3
# Filtered P pix:  0  0  1  0  0  1  0  0
# Filtered Q pix:  0  0  1  1  0  0  0  1
FirstOffset:      -2  0 -1 -1 -1 -1 -1  0
SecondOffset:      0  1  0 -1 -1  0 -1  1
ThirdOffset:       2  1  1  1  0  2  1  0
FirstOffsetClip:  -1  0 -1 -1 -1 -1 -1  0
SecondOffsetClip:  0  1  0 -1 -1  0 -1  1
ThirdOffsetClip:   1  1  1  1  0  1  1  0

Block 780:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:58 S01:12 S11:70 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:16 S01:48 S11:32 S02:60 S12:53 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:37 S01:24 S11:29 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:24 S11:36 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:57 S01:12 S11:18 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:0 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:42 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  2  0  3  0  0  1
Diff_de:           2  1 -1  0  1  0  0  0
Diff_c:            0 -1  0  0 -1  0  0  0
Diff_f:            0  0  0  0  0  0  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  2  0  3  3  0  1
# Filtered pixels: 4  2  4  4  4  4  4  3
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  1  0  1  1  1  1  1  0
FirstOffset:       2  1 -1  0  1 -1  0  0
SecondOffset:      1 -1  0  0  0  0  0  1
ThirdOffset:      -1  1  0  0 -1  1  0  1
FirstOffsetClip:   2  1 -1  0  1 -1  0  0
```

```
SecondOffsetClip:  1 -1  0  0  0  0  0  1
ThirdOffsetClip:  -1  1  0  0 -1  1  0  1

Block 781:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:50 S01:72 S11:58 S02:24 S12:42 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:36 S11:50 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:60 S11:50 S02:48 S12:37 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:57 S01:0 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:12 S11:31 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:36 S11:29 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:55 S01:0 S11:13 S02:36 S12:37 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:13 S01:12 S11:18 S02:12 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  3  0  3  4  3  1
Diff_de:           1  1 -1  0 -1 -1 -1  0
Diff_c:            0 -1  0  0  1  1  0 -1
Diff_f:            1  0 -1  0  0 -1  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  4  2  2  3  0
# Filtered pixels: 3  3  2  4  3  3  3  4
# Filtered P pix:  0  0  0  1  1  0  1  1
# Filtered Q pix:  1  1  0  1  0  1  0  1
FirstOffset:       2  1 -1  1 -1 -1 -1  0
SecondOffset:     -1  0  1  1  0  0 -1  0
ThirdOffset:      -1  0 -1 -1 -1  0  1  0
FirstOffsetClip:   2  1 -1  1 -1 -1 -1  0
SecondOffsetClip: -1  0  1  1  0  0 -1  0
ThirdOffsetClip:  -1  0 -1 -1 -1  0  1  0

Block 782:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:13 S01:60 S11:50 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:12 S11:8 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:36 S11:29 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:0 S11:39 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:48 S11:32 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:21 S01:12 S11:18 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  4  2  2  3  1  4
Diff_de:          -1  1  1  1  0  1  0 -1
Diff_c:           -1  1  1  0 -1  1  1 -1
Diff_f:            1 -1 -1  0  1  0  0  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  4  4  0  3  2  4
# Filtered pixels: 3  4  4  4  3  4  3  4
# Filtered P pix:  0  1  1  1  0  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  1  1  1  0  1 -1 -1
SecondOffset:     -1  1  1  1 -1  1  1 -1
ThirdOffset:       0 -1 -1 -1  0  0  0  1
FirstOffsetClip:   0  1  1  1  0  1 -1 -1
SecondOffsetClip: -1  1  1  1 -1  1  1 -1
ThirdOffsetClip:   0 -1 -1 -1  0  0  0  1

Block 783:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:31 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:18 S01:12 S11:34 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:24 S11:21 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:24 S11:55 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:12 S11:31 S02:72 S12:58 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:36 S11:39 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 1  2  1  2  4  3  2  0
Diff_de:           0  0  0  0 -1 -1 -1  0
Diff_c:            0  1  0  1  1 -1  0  0
Diff_f:            1 -1 -1  1 -1  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  0  2  2
# Filtered pixels: 3  4  4  2  2  2  3  2
# Filtered P pix:  1  1  1  0  0  0  1  0
```

```
# Filtered Q pix:  0  1  1  0  0  0  0  0
FirstOffset:       0  0  0  0 -1  0 -1  1
SecondOffset:      0  0  0  1  0 -1  0  1
ThirdOffset:       1  0  0  1  0 -1 -1 -1
FirstOffsetClip:   0  0  0  0 -1  0 -1  1
SecondOffsetClip:  0  0  0  1  0 -1  0  1
ThirdOffsetClip:   1  0  0  1  0 -1 -1 -1

Block 784:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:47 S01:48 S11:47 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:55 S01:72 S11:63 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:13 S01:36 S11:29 S02:60 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:24 S11:49 S02:24 S12:42 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:47 S01:24 S11:21 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:26 S01:12 S11:21 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:36 S11:24 S02:36 S12:24 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:65 S01:12 S11:57 S02:60 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  2  3  0  0  2
Diff_de:           1 -1  0  0  1  0  0 -1
Diff_c:            0  0  0  1 -1  0  0  0
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  3  0  2  3
# Filtered pixels: 2  3  2  2  3  3  2  3
# Filtered P pix:  0  0  0  0  0  1  0  1
# Filtered Q pix:  0  1  0  0  1  0  0  0
FirstOffset:       1 -1  0  0  1  0 -1 -1
SecondOffset:     -1  1 -1  1  0  0 -1 -1
ThirdOffset:      -2  1  1 -1 -1 -1  0 -1
FirstOffsetClip:   1 -1  0  0  1  0 -1 -1
SecondOffsetClip: -1  1 -1  1  0  0 -1 -1
ThirdOffsetClip:  -1  1  1 -1 -1 -1  0 -1

Block 785:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:60 S11:50 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:29 S01:12 S11:60 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:12 S11:8 S02:12 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:60 S01:12 S11:44 S02:12 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:31 S01:36 S11:24 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:68 S01:12 S11:34 S02:60 S12:40 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:21 S01:48 S11:47 S02:12 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  2  0  2  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  1  1  0  1  0  2  1
SecondOffset:      0 -1  1  0  1  1  1  2
ThirdOffset:       0 -1  0  0  0  0  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 786:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:55 S02:36 S12:39 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:8 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:37 S01:24 S11:26 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:48 S11:32 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:8 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:0 S11:65 S02:36 S12:34 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:34 S01:12 S11:8 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:18 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  4  2  3  1  4  2
Diff_de:          -1  0 -2  0 -1  0  1  0
Diff_c:            1  0 -1  1 -1  0  1 -1
Diff_f:           -1  0  1  1  0 -1 -1 -1
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  1  3  3  4  1
# Filtered pixels: 3  4  3  3  4  3  4  4
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  0  1  0  1  1  0  1  1
FirstOffset:      -1  0 -1  0 -1  1  1  0
SecondOffset:      0  0 -1  1 -1  1  1  0
ThirdOffset:       0  0  1  1  0 -1 -1 -1
FirstOffsetClip:  -1  0 -1  0 -1  1  1  0
SecondOffsetClip:  0  0 -1  1 -1  1  1  0
ThirdOffsetClip:   0  0  1  1  0 -1 -1 -1

Block 787:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:29 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:36 S11:29 S02:0 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:36 S11:34 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:24 S11:31 S02:36 S12:39 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:48 S11:52 S02:36 S12:24 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:36 S11:39 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:39 S01:48 S11:52 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:0 S11:26 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  1  3  1  2  2  3
Diff_de:           0  0  0 -1  0 -1 -1 -1
Diff_c:            1  1 -1  1  0  0  0 -1
Diff_f:            0  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  1  0  3  3  4
# Filtered pixels: 2  3  2  3  2  3  3  4
# Filtered P pix:  0  0  0  1  0  0  0  1
# Filtered Q pix:  0  1  0  0  0  1  1  1
FirstOffset:       0  0  1  0  0 -1 -1 -1
SecondOffset:      1  1  0  1 -1 -1 -2 -1
ThirdOffset:      -1  0  1  1 -1  1  1  1
FirstOffsetClip:   0  0  1  0  0 -1 -1 -1
SecondOffsetClip:  1  1  0  1 -1 -1 -1 -1
ThirdOffsetClip:  -1  0  1  1 -1  1  1  1

Block 788:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
```

```
Row:1 S0:45 S01:0 S11:52 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:13 S01:12 S11:8 S02:36 S12:54 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:29 S01:24 S11:31 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:21 S01:12 S11:21 S02:24 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:52 S01:36 S11:39 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:24 S01:24 S11:31 S02:36 S12:49 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:52 S01:48 S11:32 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:52 S01:24 S11:36 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  0  0  0  2
Diff_de:          -1  0 -1 -1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  2  3  2  3  2
# Filtered pixels: 3  3  3  3  3  2  3  3
# Filtered P pix:  1  1  0  1  0  0  0  0
# Filtered Q pix:  0  0  1  0  1  0  1  1
FirstOffset:      -2  0 -1 -1  1  1  1 -1
SecondOffset:     -1  0  0  0  1  0 -1  0
ThirdOffset:       0  1  0  0 -1  0 -1  0
FirstOffsetClip:  -1  0 -1 -1  1  1  1 -1
SecondOffsetClip: -1  0  0  0  1  0 -1  0
ThirdOffsetClip:   0  1  0  0 -1  0 -1  0

Block 789:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:13 S01:60 S11:70 S02:24 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:24 S11:16 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:24 S11:29 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:52 S01:0 S11:26 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:12 S11:47 S02:12 S12:21 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:42 S01:24 S11:21 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:55 S01:36 S11:44 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:44 S01:24 S11:36 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  2  0  0
Diff_de:           0  0  0 -1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  4  2  3  2  0
# Filtered pixels: 2  3  3  4  4  3  2  3
# Filtered P pix:  0  0  0  1  1  0  0  0
# Filtered Q pix:  0  1  1  1  1  1  0  1
FirstOffset:       0  1  0 -1  1  1  1  0
SecondOffset:     -1  1 -1 -1  0  0  0 -1
ThirdOffset:       1 -1  0  1  0 -1  0  0
FirstOffsetClip:   0  1  0 -1  1  1  1  0
SecondOffsetClip: -1  1 -1 -1  0  0  0 -1
ThirdOffsetClip:   1 -1  0  1  0 -1  0  0

Block 790:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:39 S01:48 S11:57 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:0 S11:0 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:40 S01:36 S11:29 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:40 S01:36 S11:24 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:42 S01:24 S11:36 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:24 S01:12 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:24 S01:12 S11:31 S02:24 S12:31 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:8 S01:12 S11:47 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  3  3  3  2  3  1
Diff_de:          -1 -1  2 -2  1 -1  1  0
Diff_c:            0  0 -1  1 -1  0  0  0
Diff_f:            0  0  0  0  0  0  1 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  3  2  3  2  0
# Filtered pixels: 3  3  2  3  4  4  4  4
# Filtered P pix:  0  1  0  0  1  1  1  1
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:      -1 -1  2 -2  1 -1  1  0
SecondOffset:      1 -1  0  0  0  0  0  0
ThirdOffset:       1  1  0  1  0  1  0  0
FirstOffsetClip:  -1 -1  1 -1  1 -1  1  0
```

```
SecondOffsetClip:  1 -1  0  0  0  0  0  0
ThirdOffsetClip:   1  1  0  1  0  1  0  0

Block 791:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:47 S01:36 S11:39 S02:36 S12:50 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:47 S02:48 S12:57 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:12 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:34 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:12 S11:57 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:60 S11:50 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:12 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:65 S01:0 S11:39 S02:48 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  0  0  1  2  0  4  2
Diff_de:          -1  0  0  0  1  0  1  1
Diff_c:            1  0  0  0  0  0  1  0
Diff_f:            1  0  0  1  0  0 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  2  1  0  3
# Filtered pixels: 2  3  4  3  4  3  3  3
# Filtered P pix:  0  1  1  1  1  0  1  1
# Filtered Q pix:  0  0  1  0  1  1  0  0
FirstOffset:      -1  0  0  0  1  0  0  1
SecondOffset:      0  0  0  0  0 -1  0  1
ThirdOffset:       1  1  0  1  0 -1 -1 -2
FirstOffsetClip:  -1  0  0  0  1  0  0  1
SecondOffsetClip:  0  0  0  0  0 -1  0  1
ThirdOffsetClip:   1  1  0  1  0 -1 -1 -1

Block 792:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:26 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:0 S01:12 S11:18 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:49 S01:24 S11:16 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:8 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:39 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:36 S11:39 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  1  0  2  2  3  1
Diff_de:           0  0  0  0 -1 -1 -1  0
Diff_c:           -1 -1  0  0  0  0  1 -1
Diff_f:           -1  1  1  0  0  0  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  2  0  3  3  2  1
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  0  0 -1 -1 -1  0
SecondOffset:     -1  0  1  0  0 -1  0 -1
ThirdOffset:       0  1  1  0  1  0  0  0
FirstOffsetClip:   0  0  0  0 -1 -1 -1  0
SecondOffsetClip: -1  0  1  0  0 -1  0 -1
ThirdOffsetClip:   0  1  1  0  1  0  0  0

Block 793:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:31 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:48 S11:52 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:0 S11:0 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:48 S11:37 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:24 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:16 S01:12 S11:34 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:0 S11:65 S02:48 S12:37 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  4  1  3  1  2  1
Diff_de:          -1  0 -1  0  1  0  1  0
Diff_c:            1  1 -1 -1  1  1  0  0
Diff_f:           -1 -1  1  0  0  0  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  3  2  4  1  4  0
# Filtered pixels: 4  3  3  3  4  4  4  3
# Filtered P pix:  1  0  1  0  1  1  1  1
```

```
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:      -1  0 -1  1  1  0  1  0
SecondOffset:      0  1 -1 -1  1  1  1  0
ThirdOffset:       0 -1  2  0 -1  0 -1 -1
FirstOffsetClip:  -1  0 -1  1  1  0  1  0
SecondOffsetClip:  0  1 -1 -1  1  1  1  0
ThirdOffsetClip:   0 -1  1  0 -1  0 -1 -1

Block 794:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:36 S01:36 S11:44 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:24 S11:29 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:49 S01:0 S11:65 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:31 S01:12 S11:18 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:48 S11:47 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:52 S01:12 S11:31 S02:24 S12:36 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:55 S01:12 S11:57 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:26 S01:12 S11:21 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  0  2  2  3  2  3
Diff_de:           0 -2  0  0  0  1  1  1
Diff_c:           -1  0  0 -1  1  0  0  0
Diff_f:            0  0  0 -1 -1 -1  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  0  1  3  3  0
# Filtered pixels: 3  3  3  3  3  4  4  3
# Filtered P pix:  0  1  1  1  0  1  1  1
# Filtered Q pix:  1  0  0  0  1  1  1  0
FirstOffset:       0 -2  0  0  0  1  1  0
SecondOffset:     -1 -1  0  0  1  0  0  0
ThirdOffset:       0  0 -1 -1 -1 -1 -1 -1
FirstOffsetClip:   0 -2  0  0  0  1  1  0
SecondOffsetClip: -1 -1  0  0  1  0  0  0
ThirdOffsetClip:   0  0 -1 -1 -1 -1 -1 -1

Block 795:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:49 S01:0 S11:39 S02:60 S12:45 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:37 S01:24 S11:29 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:48 S11:52 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:24 S11:21 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:36 S11:44 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:24 S11:21 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:12 S11:60 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  3  4  4  2  4  2
Diff_de:          -1 -1 -1 -1  1  0  1  1
Diff_c:           -1  0 -1 -1  1  1  1  0
Diff_f:            1  1  0  1 -1 -1 -1  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  0  1  2  4  4
# Filtered pixels: 4  3  4  3  3  4  4  4
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  1  0  1  1  0  1  1  1
FirstOffset:      -1  0 -1  0  0 -1  1  1
SecondOffset:     -1  0 -1 -1  1  0  1  1
ThirdOffset:       1  1  0  0 -1  0 -1 -1
FirstOffsetClip:  -1  0 -1  0  0 -1  1  1
SecondOffsetClip: -1  0 -1 -1  1  0  1  1
ThirdOffsetClip:   1  1  0  0 -1  0 -1 -1

Block 796:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:44 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:0 S11:0 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:49 S01:12 S11:8 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:44 S01:12 S11:13 S02:48 S12:32 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:24 S11:26 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:37 S01:60 S11:60 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:36 S11:39 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:36 S11:39 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  2  0
Diff_de:           0 -1  0  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  0  0  2  2  0
# Filtered pixels: 3  4  3  3  2  2  2  2
# Filtered P pix:  0  1  1  1  0  0  0  0
# Filtered Q pix:  1  1  0  0  0  0  0  0
FirstOffset:       0 -1  0  0  0  1 -1  0
SecondOffset:     -1 -1  0  0 -1 -1  0 -1
ThirdOffset:       0  0 -1 -1  1  1  0  1
FirstOffsetClip:   0 -1  0  0  0  1 -1  0
SecondOffsetClip: -1 -1  0  0 -1 -1  0 -1
ThirdOffsetClip:   0  0 -1 -1  1  1  0  1

Block 797:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:50 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:60 S11:45 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:50 S01:36 S11:49 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:42 S01:12 S11:8 S02:12 S12:34 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:49 S01:48 S11:52 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:0 S01:12 S11:34 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:36 S11:44 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:63 S01:60 S11:45 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  2
Diff_de:           0  0  0  1  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  3  0  0  2  3
# Filtered pixels: 2  2  2  4  3  4  2  3
# Filtered P pix:  0  0  0  1  0  1  0  0
# Filtered Q pix:  0  0  0  1  1  1  0  1
FirstOffset:       1  1 -2  1  0  0 -1  2
SecondOffset:      0  2  0  0 -1  0  0  0
ThirdOffset:       0  0  0 -1  0  0  0 -1
FirstOffsetClip:   1  1 -1  1  0  0 -1  1
SecondOffsetClip:  0  1  0  0 -1  0  0  0
ThirdOffsetClip:   0  0  0 -1  0  0  0 -1

Block 798:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
```

```
Row:1 S0:8 S01:0 S11:0 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:48 S11:37 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:48 S11:45 S02:24 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:45 S01:48 S11:52 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:36 S11:44 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:36 S11:39 S02:36 S12:34 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:36 S11:39 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:39 S01:12 S11:8 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  1  3  2  1  4  4  2
Diff_de:           0  0 -1 -1  0  1  1  1
Diff_c:            0  1  0  0  1 -1 -1  0
Diff_f:            0  0 -1  0  0 -1 -1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  3  0  2  3  3
# Filtered pixels: 4  3  3  3  3  2  3  4
# Filtered P pix:  1  0  0  0  0  0  0  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0 -1 -1 -2  0  1  1  1
SecondOffset:      0  1  1  0  1  0  0  0
ThirdOffset:       0  1  0  1  0 -1 -1 -1
FirstOffsetClip:   0 -1 -1 -2  0  1  1  1
SecondOffsetClip:  0  1  1  0  1  0  0  0
ThirdOffsetClip:   0  1  0  1  0 -1 -1 -1

Block 799:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:50 S01:0 S11:52 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:52 S01:48 S11:37 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:26 S01:48 S11:32 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:39 S01:12 S11:18 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:34 S01:60 S11:50 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:37 S01:36 S11:39 S02:72 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:4
Row:7 S0:39 S01:60 S11:53 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:44 S01:24 S11:21 S02:60 S12:53 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 3  4  1  2  4  4  1  2
Diff_de:           2 -1  0  0 -1  1  0  0
Diff_c:            0  1  1 -1 -2 -1  1 -1
Diff_f:           -2  1  0  1 -1  2  0 -1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  2  2  2  3  1
# Filtered pixels: 4  3  3  4  3  3  3  3
# Filtered P pix:  1  0  0  1  0  1  0  1
# Filtered Q pix:  1  1  1  1  1  0  1  0
FirstOffset:       2 -1  0  1 -1  1 -1  0
SecondOffset:      1  1  1  0 -2  0  1 -1
ThirdOffset:      -2  1  0  0  0  1  1 -1
FirstOffsetClip:   2 -1  0  1 -1  1 -1  0
SecondOffsetClip:  1  1  1  0 -2  0  1 -1
ThirdOffsetClip:  -2  1  0  0  0  1  1 -1

Block 800:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:29 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:47 S01:0 S11:39 S02:24 S12:49 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:16 S01:12 S11:34 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:0 S01:12 S11:47 S02:48 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:24 S11:31 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:50 S01:0 S11:0 S02:12 S12:44 ActOverall:0 Act1:3 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:37 S01:48 S11:57 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:36 S11:29 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  0
Diff_de:           0  1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  0  2  3  2  0
# Filtered pixels: 2  3  3  2  2  3  2  2
# Filtered P pix:  0  1  0  0  0  1  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:      -1  1 -1  0  1  2  1  0
SecondOffset:     -1  1  0  0  0  1 -1 -1
ThirdOffset:       0  0  1 -1  0 -1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 801:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:21 S02:72 S12:53 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:62 S01:0 S11:78 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:3 S0:26 S01:12 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:36 S01:0 S11:13 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:21 S01:36 S11:34 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:0 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:18 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:24 S11:36 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  0  3  0  1  2  1  2
Diff_de:           0  0  1  0  0  0  0  0
Diff_c:           -1  0  1  0  0 -1 -1 -1
Diff_f:            0  0  0  0  1 -1  0  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  3  0  0
# Filtered pixels: 2  4  4  4  2  3  3  2
# Filtered P pix:  0  1  1  1  0  1  1  0
# Filtered Q pix:  0  1  1  1  0  0  0  0
FirstOffset:       0  0  0  0  1 -1  0  0
SecondOffset:     -1  0  0  0  1 -1  0 -1
ThirdOffset:      -2  0  0  0  0  0  1  1
FirstOffsetClip:   0  0  0  0  1 -1  0  0
SecondOffsetClip: -1  0  0  0  1 -1  0 -1
ThirdOffsetClip:  -1  0  0  0  0  0  1  1

Block 802:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:44 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:70 S01:48 S11:32 S02:24 S12:36 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:37 S01:12 S11:57 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:12 S11:34 S02:12 S12:47 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:16 S01:0 S11:0 S02:36 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:60 S01:0 S11:26 S02:0 S12:52 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:7 S0:13 S01:48 S11:52 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:55 S01:12 S11:18 S02:24 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  0  2  2  2  2  0  3
Diff_de:           0  0 -1 -1 -1  1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            1  0  0  0  0  0  0  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  3  4  0  3
# Filtered pixels: 4  2  4  4  3  4  3  3
# Filtered P pix:  1  0  1  1  1  1  0  1
# Filtered Q pix:  1  0  1  1  0  1  1  0
FirstOffset:       0  1 -1 -1 -1  1  0  1
SecondOffset:      0 -1  0  0 -1  1 -1  1
ThirdOffset:       0 -1  0  0  0 -1  0  0
FirstOffsetClip:   0  1 -1 -1 -1  1  0  1
SecondOffsetClip:  0 -1  0  0 -1  1 -1  1
ThirdOffsetClip:   0 -1  0  0  0 -1  0  0

Block 803:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:29 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:36 S01:0 S11:39 S02:0 S12:0 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:39 S01:60 S11:70 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:0 S11:13 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:24 S11:29 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:37 S01:24 S11:31 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:12 S11:8 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:55 S01:0 S11:39 S02:60 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  3  2  3  3
# Filtered pixels: 2  4  3  4  3  2  4  3
# Filtered P pix:  0  1  0  1  0  0  1  1
```

```
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:       1  0  1  0  1 -1  1 -1
SecondOffset:      1  0 -1  0  1  0  1 -1
ThirdOffset:      -1  0 -1  0 -1  0  0 -1
FirstOffsetClip:   1  0  1  0  1 -1  1 -1
SecondOffsetClip:  1  0 -1  0  1  0  1 -1
ThirdOffsetClip:  -1  0 -1  0 -1  0  0 -1

Block 804:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:26 S02:36 S12:24 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:36 S11:50 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:44 S01:36 S11:44 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:16 S01:24 S11:29 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:47 S01:12 S11:13 S02:36 S12:24 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:29 S01:24 S11:16 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:34 S01:24 S11:36 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:18 S01:24 S11:21 S02:12 S12:18 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  2  0  0
Diff_de:           0  0  0  0 -1  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  2  2  0
# Filtered pixels: 3  2  2  2  3  3  2  3
# Filtered P pix:  1  0  0  0  1  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       0  1  0  1 -1  1  1  0
SecondOffset:      0  0 -1  0  0  1  0  1
ThirdOffset:       1 -2 -1 -1  1  0  0  0
FirstOffsetClip:   0  1  0  1 -1  1  1  0
SecondOffsetClip:  0  0 -1  0  0  1  0  1
ThirdOffsetClip:   1 -1 -1 -1  1  0  0  0

Block 805:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:18 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:44 S01:12 S11:8 S02:24 S12:36 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:37 S01:48 S11:57 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:21 S01:24 S11:29 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:26 S01:0 S11:26 S02:12 S12:18 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:18 S01:0 S11:13 S02:12 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:39 S01:72 S11:68 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:78 S01:12 S11:70 S02:60 S12:60 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  0
Diff_de:           0  0  0  1  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  0  0  3  2
# Filtered pixels: 2  2  2  3  3  3  3  2
# Filtered P pix:  0  0  0  0  1  1  0  0
# Filtered Q pix:  0  0  0  1  0  0  1  0
FirstOffset:       1  0 -1  1  0  0 -1  1
SecondOffset:      0  0  1  1  0  0  1  0
ThirdOffset:       0  1  1 -1  0  0  1 -2
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 806:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:73 S01:48 S11:37 S02:0 S12:65 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:26 S01:24 S11:49 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:29 S01:36 S11:37 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:24 S11:42 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:39 S01:12 S11:13 S02:60 S12:60 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:68 S01:48 S11:47 S02:36 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:55 S01:0 S11:0 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  0  2  0  2  0
Diff_de:           0  1 -1  0  1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  0  3  2  3  0
# Filtered pixels: 3  3  3  3  3  2  3  4
# Filtered P pix:  0  0  0  0  1  0  1  1
# Filtered Q pix:  1  1  1  1  0  0  0  1
FirstOffset:      -1  0 -1  0  1  2 -1  0
SecondOffset:      1  1  0 -1  1  0 -1  0
ThirdOffset:       1  0  1  0  1 -2  0  0
FirstOffsetClip:  -1  0 -1  0  1  1 -1  0
SecondOffsetClip:  1  1  0 -1  1  0 -1  0
ThirdOffsetClip:   1  0  1  0  1 -1  0  0

Block 807:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:60 S11:45 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:49 S01:0 S11:65 S02:36 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:12 S11:31 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:47 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:0 S01:12 S11:13 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:34 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:36 S11:37 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  1  4  2  2  1  2
Diff_de:           0  0  0  1  1  0  0  0
Diff_c:           -1  0  0  1  0  1  0 -1
Diff_f:            1  1 -1 -1  0  1 -1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  1  1  3  1  1  2
# Filtered pixels: 3  4  4  4  4  4  4  4
# Filtered P pix:  0  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  1  0  0  1  0  0  0
SecondOffset:     -1  1  0  0  1  0  0 -1
ThirdOffset:       1  0 -1 -1  0  1 -1 -1
FirstOffsetClip:   0  1  0  0  1  0  0  0
SecondOffsetClip: -1  1  0  0  1  0  0 -1
ThirdOffsetClip:   1  0 -1 -1  0  1 -1 -1

Block 808:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
```

```
Row:1 S0:29 S01:0 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:29 S01:48 S11:47 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:0 S11:13 S02:12 S12:57 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:48 S11:42 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:12 S11:18 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:36 S11:24 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:12 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:36 S11:34 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  4  3  3  0  4  2  3
Diff_de:          -1 -1 -1  1  0 -1 -1  1
Diff_c:           -1  1  0  1  0 -1  0  1
Diff_f:            0 -1 -1  0  0  1  0  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  0  2  3  3
# Filtered pixels: 4  3  4  3  4  4  4  4
# Filtered P pix:  1  0  1  0  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1 -1 -1  1  0  0 -1  1
SecondOffset:     -1  1 -1  2  0 -1  0  1
ThirdOffset:       0  0  0  0  0  1  1  0
FirstOffsetClip:  -1 -1 -1  1  0  0 -1  1
SecondOffsetClip: -1  1 -1  2  0 -1  0  1
ThirdOffsetClip:   0  0  0  0  0  1  1  0

Block 809:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:24 S01:0 S11:39 S02:12 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:12 S11:8 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:31 S01:60 S11:60 S02:12 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:24 S11:16 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:36 S11:29 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:16 S01:12 S11:57 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:50 S01:12 S11:21 S02:0 S12:52 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:55 S01:12 S11:8 S02:24 S12:31 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
```

```
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  2  0  0
Diff_de:           1  1  0  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  0  3  3  2
# Filtered pixels: 3  2  2  2  3  3  3  2
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  1  1  0
FirstOffset:       1  1  0  0  0  1 -2  1
SecondOffset:      1  1  1 -1  1  0 -1  0
ThirdOffset:      -1  0  0  0  0 -1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 810:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:47 S01:12 S11:44 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:68 S01:12 S11:13 S02:72 S12:58 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:3 S0:18 S01:0 S11:26 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:60 S11:40 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:24 S01:48 S11:42 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:34 S01:24 S11:31 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:24 S11:16 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:53 S01:0 S11:0 S02:60 S12:55 ActOverall:0 Act1:3 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  2  2  2  3
# Filtered pixels: 2  2  3  2  2  2  2  3
# Filtered P pix:  0  0  1  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1 -2  0  0 -1 -1 -1  2
SecondOffset:      1 -1  0  1  1  0 -1  1
ThirdOffset:       0 -1  1  1  0  1  1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 811:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:57 S01:72 S11:73 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:0 S11:0 S02:48 S12:42 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:60 S11:65 S02:48 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:21 S01:24 S11:26 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:57 S01:24 S11:26 S02:36 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:34 S01:12 S11:13 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:26 S01:0 S11:65 S02:24 S12:42 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:0 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  0  2  3  2  2  1  2
Diff_de:          -1  0 -1  1  0 -1  0 -1
Diff_c:            0  0  0  1  1  0  0  0
Diff_f:            1  0  0  0  1  0 -1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  4  3  4  1  4
# Filtered pixels: 3  3  2  4  3  4  4  4
# Filtered P pix:  0  1  0  1  1  1  1  1
# Filtered Q pix:  1  0  0  1  0  1  1  1
FirstOffset:      -1  0 -1  1  1 -1  0 -1
SecondOffset:      1  0  1  1  1 -1  0 -1
ThirdOffset:       1 -1 -1 -1  0  1 -1  1
FirstOffsetClip:  -1  0 -1  1  1 -1  0 -1
SecondOffsetClip:  1  0  1  1  1 -1  0 -1
ThirdOffsetClip:   1 -1 -1 -1  0  1 -1  1

Block 812:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:65 S01:12 S11:31 S02:24 S12:21 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:13 S01:0 S11:52 S02:24 S12:55 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:62 S01:24 S11:62 S02:24 S12:26 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:4 S0:31 S01:12 S11:21 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:36 S11:34 S02:12 S12:47 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:21 S01:24 S11:29 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:24 S01:24 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:0 S11:0 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  1  0  0  0  4  3  2
Diff_de:           1  0  0  0  0  1 -1  1
Diff_c:            0  0  0  0  0  1  1  0
Diff_f:            0  1  0  0  0 -1  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  0  2  3  4
# Filtered pixels: 3  3  2  3  3  2  3  4
# Filtered P pix:  1  1  0  1  0  0  0  1
# Filtered Q pix:  0  0  0  0  1  0  1  1
FirstOffset:       1  0  0  0  0  1 -1  1
SecondOffset:      0  0 -1  0 -1  1  0  1
ThirdOffset:      -1  1 -1 -1  0 -1  1 -1
FirstOffsetClip:   1  0  0  0  0  1 -1  1
SecondOffsetClip:  0  0 -1  0 -1  1  0  1
ThirdOffsetClip:  -1  1 -1 -1  0 -1  1 -1

Block 813:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:21 S02:60 S12:40 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:21 S01:12 S11:34 S02:24 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:44 S01:12 S11:31 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:26 S01:12 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:13 S01:24 S11:21 S02:60 S12:65 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:24 S01:12 S11:34 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:26 S01:24 S11:26 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:57 S01:48 S11:32 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 4  3  2  2  2  4  2  2
Diff_de:          -1  1  0  0  0  1  0  0
Diff_c:           -1  0  1 -1 -1  1  1  1
Diff_f:            2 -1  1 -1  2  2  1  1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  0  1  1  3  1  3
# Filtered pixels: 3  4  3  4  3  4  3  3
# Filtered P pix:  1  1  1  1  1  1  1  0
```

```
# Filtered Q pix:  0  1  0  1  0  1  0  1
FirstOffset:       0  1  0  0  0  1  0 -1
SecondOffset:     -1  0  0  0 -1  1  1  1
ThirdOffset:       1 -1  1 -1  1  0  1  1
FirstOffsetClip:   0  1  0  0  0  1  0 -1
SecondOffsetClip: -1  0  0  0 -1  1  1  1
ThirdOffsetClip:   1 -1  1 -1  1  0  1  1

Block 814:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:8 S01:60 S11:50 S02:48 S12:42 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:24 S11:29 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:24 S01:36 S11:39 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:16 S01:24 S11:42 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:36 S11:44 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:21 S01:36 S11:29 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:13 S01:12 S11:8 S02:24 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:42 S01:24 S11:26 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  2  0  0
Diff_de:           0  0  1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  0  2  0  2
# Filtered pixels: 2  2  3  2  2  3  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  0  0  1  0  0  1  0  0
FirstOffset:       0  0  1  1  0 -1  0 -1
SecondOffset:      1 -1  0  0 -1 -1  0  0
ThirdOffset:      -1  1 -1 -1  1  0  1  0
FirstOffsetClip:   0  0  1  1  0 -1  0 -1
SecondOffsetClip:  1 -1  0  0 -1 -1  0  0
ThirdOffsetClip:  -1  1 -1 -1  1  0  1  0

Block 815:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:24 S01:36 S11:39 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:12 S11:70 S02:0 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:24 S11:26 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:36 S11:29 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:36 S11:49 S02:0 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:29 S01:0 S11:39 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:36 S11:44 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:60 S11:45 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  3  4  4  1  3  2  3
Diff_de:          -1  1  1  1  0 -1  0 -1
Diff_c:            1  0  1 -1  1  0  1  1
Diff_f:           -1  1 -1 -1  0  1  1  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  1  3  0  4  1  3
# Filtered pixels: 2  4  4  3  3  4  3  3
# Filtered P pix:  0  1  1  0  0  1  0  0
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:      -1  1  0  1  0 -1  0 -1
SecondOffset:      0  0  1  0  1 -1  1  1
ThirdOffset:      -1 -1  0 -1  0  1  1  1
FirstOffsetClip:  -1  1  0  1  0 -1  0 -1
SecondOffsetClip:  0  0  1  0  1 -1  1  1
ThirdOffsetClip:  -1 -1  0 -1  0  1  1  1

Block 816:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:29 S01:36 S11:44 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:0 S11:39 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:29 S01:12 S11:21 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:24 S11:42 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:73 S01:72 S11:53 S02:12 S12:31 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:47 S01:24 S11:21 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:32 S01:48 S11:37 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:50 S01:36 S11:37 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  0  0  0  2  0
Diff_de:           0 -1  1  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  0  3  2  3  2
# Filtered pixels: 2  4  3  2  3  2  3  2
# Filtered P pix:  0  1  1  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  1  0  1  0
FirstOffset:      -1 -1  1  0 -1  1 -2 -2
SecondOffset:     -1 -1  0 -1  1  0  0  0
ThirdOffset:       0  0  0  1  1 -1  1  2
FirstOffsetClip:  -1 -1  1  0 -1  1 -1 -1
SecondOffsetClip: -1 -1  0 -1  1  0  0  0
ThirdOffsetClip:   0  0  0  1  1 -1  1  1

Block 817:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:0 S02:36 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:8 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:36 S01:24 S11:31 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:36 S01:12 S11:31 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:60 S01:36 S11:50 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:57 S01:48 S11:57 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:40 S01:12 S11:13 S02:48 S12:62 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:24 S11:26 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  1  0  2  2  2  3
Diff_de:           0  0  0  0 -1  1  2  1
Diff_c:            0  0  1  0  0  0  0 -1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  0  2  2  3  2
# Filtered pixels: 3  4  3  3  2  2  3  2
# Filtered P pix:  1  1  0  1  0  0  1  0
# Filtered Q pix:  0  1  1  0  0  0  0  0
FirstOffset:      -1  0  0  0 -1  1  2  1
SecondOffset:     -1  0  1  0 -1 -1  1  0
ThirdOffset:       0  0  0 -1  0 -1  0  1
FirstOffsetClip:  -1  0  0  0 -1  1  1  1
SecondOffsetClip: -1  0  1  0 -1 -1  1  0
ThirdOffsetClip:   0  0  0 -1  0 -1  0  1

Block 818:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
```

```
Row:1 S0:31 S01:12 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:48 S11:42 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:31 S01:48 S11:62 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:60 S11:55 S02:48 S12:52 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:24 S01:24 S11:31 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:36 S11:24 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:12 S11:31 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:0 S11:65 S02:36 S12:24 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  1  3  4  1  2  1
Diff_de:           0  0  0 -1  1  0  0  0
Diff_c:            0 -1 -1  0 -1 -1 -1  0
Diff_f:            1  0  0 -1  1  0  1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  1  2  2  1  0  1
# Filtered pixels: 4  3  3  2  3  4  4  4
# Filtered P pix:  1  0  0  0  1  1  1  1
# Filtered Q pix:  1  1  1  0  0  1  1  1
FirstOffset:       0  0  0 -1  1  0  0  0
SecondOffset:      0 -1 -1  1  0 -1  0  0
ThirdOffset:       1  0 -1 -1  1  0  0  1
FirstOffsetClip:   0  0  0 -1  1  0  0  0
SecondOffsetClip:  0 -1 -1  1  0 -1  0  0
ThirdOffsetClip:   1  0 -1 -1  1  0  0  1

Block 819:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:16 S01:24 S11:29 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:36 S11:34 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:12 S11:34 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:4 S0:8 S01:36 S11:50 S02:36 S12:24 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:8 S01:12 S11:31 S02:48 S12:37 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:13 S01:12 S11:8 S02:36 S12:24 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:26 S01:12 S11:13 S02:24 S12:16 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:60 S11:45 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:           1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  0  0  0  0
# Filtered pixels: 3  2  4  2  3  3  3  3
# Filtered P pix:  0  0  1  0  1  1  1  0
# Filtered Q pix:  1  0  1  0  0  0  0  1
FirstOffset:       1 -1  0  0  0  0  0  0
SecondOffset:      0  0  0  1  0  0  0 -1
ThirdOffset:      -1  0  0 -1 -1  1  1  0
FirstOffsetClip:   1 -1  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  1  0  0  0 -1
ThirdOffsetClip:  -1  0  0 -1 -1  1  1  0

Block 820:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:39 S01:0 S11:13 S02:60 S12:60 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:39 S01:12 S11:47 S02:0 S12:52 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:34 S01:12 S11:18 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:26 S01:24 S11:68 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:60 S01:0 S11:0 S02:0 S12:52 ActOverall:0 Act1:3 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
Row:6 S0:29 S01:36 S11:50 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:0 S11:0 S02:0 S12:13 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:36 S11:39 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  0  0  2  0  0
Diff_de:           1  0 -1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  0  4  3  0  0
# Filtered pixels: 3  3  3  2  4  3  4  2
# Filtered P pix:  1  0  0  0  1  0  1  0
# Filtered Q pix:  0  1  1  0  1  1  1  0
FirstOffset:       1 -1 -1  0 -1 -1  0  0
SecondOffset:      1 -1  0 -1 -1  0  0  1
ThirdOffset:       1  1  1  0  1  1  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 821:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:21 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:31 S01:12 S11:18 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:36 S11:50 S02:24 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:72 S11:73 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:24 S11:42 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:31 S02:36 S12:24 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:12 S11:31 S02:24 S12:36 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:12 S11:73 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  1  2  1  1  1  1
Diff_de:           0  0  0 -1  0  0  0  0
Diff_c:           -1  0  0  0 -1  0  0  0
Diff_f:           -1  0 -1  0  0 -1 -1 -1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  3  0  2
# Filtered pixels: 2  3  2  3  2  3  3  3
# Filtered P pix:  0  1  0  0  0  1  1  1
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0  0  0 -1  0  1  0  1
SecondOffset:     -1  0 -1  1 -1  1  0  0
ThirdOffset:      -1 -1 -1  0  1 -1 -1 -1
FirstOffsetClip:   0  0  0 -1  0  1  0  1
SecondOffsetClip: -1  0 -1  1 -1  1  0  0
ThirdOffsetClip:  -1 -1 -1  0  1 -1 -1 -1

Block 822:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:57 S01:12 S11:8 S02:72 S12:58 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:26 S01:0 S11:13 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:55 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:39 S01:60 S11:50 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:16 S01:12 S11:31 S02:24 S12:36 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
```

```
Row:6 S0:26 S01:24 S11:26 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:32 S01:24 S11:55 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:44 S01:36 S11:34 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  0  2  0  0  0
Diff_de:          -1  0 -1  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  2  2  0  2  0
# Filtered pixels: 3  4  3  2  3  3  2  2
# Filtered P pix:  1  1  0  0  1  0  0  0
# Filtered Q pix:  0  1  1  0  0  1  0  0
FirstOffset:      -1  0 -1  1 -1  0  2  0
SecondOffset:     -1  0  0 -1  0  1  2 -1
ThirdOffset:       2  0  1 -1  0  0 -1 -1
FirstOffsetClip:  -1  0 -1  1 -1  0  1  0
SecondOffsetClip: -1  0  0 -1  0  1  1 -1
ThirdOffsetClip:   1  0  1 -1  0  0 -1 -1

Block 823:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:42 S01:60 S11:55 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:12 S11:8 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:31 S01:24 S11:29 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:24 S11:31 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:45 S01:12 S11:13 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:32 S01:12 S11:8 S02:12 S12:18 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:37 S01:12 S11:18 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:39 S01:36 S11:34 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  0  2  0  0
Diff_de:          -1  0  0  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  2  2  2  2
# Filtered pixels: 3  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:      -1  1  0  1  2 -2  1  1
SecondOffset:      1  1 -1  0  1 -1  1  1
ThirdOffset:       1 -1 -1 -1 -1  1  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 824:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:53 S01:24 S11:36 S02:24 S12:36 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:13 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:0 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:36 S11:29 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:50 S01:12 S11:18 S02:24 S12:29 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:6 S0:21 S01:48 S11:42 S02:24 S12:42 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:12 S11:18 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:24 S11:49 S02:24 S12:36 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  1  2  1  1  4
Diff_de:           2  0  0  0  1  0  0 -1
Diff_c:            0  0  0  0  0  0 -1  1
Diff_f:            0  0  0  1  0 -1  0 -1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  3  2  0  2
# Filtered pixels: 2  4  4  3  3  2  3  2
# Filtered P pix:  0  1  1  0  1  0  1  0
# Filtered Q pix:  0  1  1  1  0  0  0  0
FirstOffset:       2  0  0  0  2  1  0 -1
SecondOffset:      1  0  0 -1  1  2  0  0
ThirdOffset:      -1  0  0  0 -1 -1  1  0
FirstOffsetClip:   1  0  0  0  1  1  0 -1
SecondOffsetClip:  1  0  0 -1  1  1  0  0
ThirdOffsetClip:  -1  0  0  0 -1 -1  1  0

Block 825:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:18 S01:24 S11:16 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:60 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:40 S01:36 S11:34 S02:48 S12:45 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:42 S01:24 S11:26 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:36 S11:39 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:24 S11:36 S02:12 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:12 S11:31 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:63 S01:12 S11:18 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  0  3  4  1  1  1  3
Diff_de:           0  0  2 -1  0  0  0  1
Diff_c:            1  0 -1 -1 -1  1  1  0
Diff_f:            1  0  0 -1  0  0  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  0  1  0  4
# Filtered pixels: 4  4  2  3  3  4  4  4
# Filtered P pix:  1  1  0  1  0  1  1  1
# Filtered Q pix:  1  1  0  0  1  1  1  1
FirstOffset:       0  0  2 -1  0  0  0  2
SecondOffset:      1  0  0 -1 -1  1  0  1
ThirdOffset:       1  0  0 -1  0  0  0 -1
FirstOffsetClip:   0  0  2 -1  0  0  0  2
SecondOffsetClip:  1  0  0 -1 -1  1  0  1
ThirdOffsetClip:   1  0  0 -1  0  0  0 -1

Block 826:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:39 S01:24 S11:42 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:31 S01:48 S11:47 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:18 S01:12 S11:57 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:44 S01:36 S11:44 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:16 S01:48 S11:32 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:57 S01:36 S11:39 S02:72 S12:73 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:3
Row:7 S0:45 S01:48 S11:32 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:0 S01:12 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 4  2  1  2  3  3  3  1
Diff_de:           1  0  0  0 -1  1  1  0
Diff_c:            1 -2 -1 -2  1 -1 -1  0
Diff_f:           -2 -1  0 -1  0  0  0  1
```

```
'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  0  2  3  2  3  1
# Filtered pixels: 3  3  4  4  3  3  3  4
# Filtered P pix:  1  0  1  1  0  1  0  1
# Filtered Q pix:  0  1  1  1  1  0  1  1
FirstOffset:       1  0  0  0 -1  1  2  0
SecondOffset:      1 -1  0 -1  1  0  0  0
ThirdOffset:      -2 -1  0 -1  1 -2 -1  1
FirstOffsetClip:   1  0  0  0 -1  1  2  0
SecondOffsetClip:  1 -1  0 -1  1  0  0  0
ThirdOffsetClip:  -2 -1  0 -1  1 -2 -1  1

Block 827:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:29 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:44 S01:48 S11:42 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:12 S11:8 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:36 S01:24 S11:29 S02:48 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:37 S01:36 S11:44 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:44 S01:36 S11:39 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:13 S01:36 S11:29 S02:36 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:39 S01:48 S11:32 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  2  0  0  0  0  0  0
Diff_de:          -1 -1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  0  2  0  0  2
# Filtered pixels: 2  3  4  2  2  2  2  2
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  0  1  1  0  0  0  0  0
FirstOffset:      -1  0  1  0 -1  0  0 -1
SecondOffset:      0  1  0 -1  0  1 -1 -2
ThirdOffset:       0  0 -1  1  1  1 -1  0
FirstOffsetClip:  -1  0  1  0 -1  0  0 -1
SecondOffsetClip:  0  1  0 -1  0  1 -1 -1
ThirdOffsetClip:   0  0 -1  1  1  1 -1  0

Block 828:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
```

```
Row:1 S0:18 S01:12 S11:21 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:32 S01:48 S11:52 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:13 S01:12 S11:47 S02:48 S12:52 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:52 S01:24 S11:21 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:24 S11:29 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:29 S01:0 S11:39 S02:48 S12:47 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:12 S11:8 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:65 S01:0 S11:39 S02:24 S12:16 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
# Pixels with non-zero Diff : 0  2  0  1  4  2  0  2
Diff_de:           0  1  0  0  1 -1  0 -1
Diff_c:            0  0  0  1 -1  0  0  0
Diff_f:            0  0  0  0  1  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  3  4  4
# Filtered pixels: 4  2  3  3  4  3  4  4
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  1  0  0  0  1  0  1  1
FirstOffset:       0  2  0 -1  1 -1 -1 -1
SecondOffset:      0  0  0  0  0 -1 -1 -1
ThirdOffset:       0  0 -1  2  0 -1  1  1
FirstOffsetClip:   0  1  0 -1  1 -1 -1 -1
SecondOffsetClip:  0  0  0  0  0 -1 -1 -1
ThirdOffsetClip:   0  0 -1  1  0 -1  1  1

Block 829:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:31 S02:12 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:0 S11:39 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:42 S01:0 S11:13 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:12 S11:13 S02:24 S12:68 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:48 S11:47 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:48 S11:57 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:12 S11:21 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:39 S01:24 S11:16 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  0  0  0  2  2
Diff_de:           0  1 -1  0  0  0 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  0  0  3  2
# Filtered pixels: 2  3  3  2  2  2  3  2
# Filtered P pix:  0  1  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:       0  1 -1 -1  0  0 -1  1
SecondOffset:      0  1 -1  0 -1  1 -1  0
ThirdOffset:       0 -2  0  1 -1  0  1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 830:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:0 S11:26 S02:36 S12:63 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:48 S11:52 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:8 S01:12 S11:8 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:36 S11:50 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:39 S01:60 S11:45 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:44 S01:48 S11:52 S02:24 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:34 S01:36 S11:24 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:60 S01:0 S11:52 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  0  1  2  3  1  3  2
Diff_de:          -1  0  0  1 -1  0  1 -1
Diff_c:            0  0  1  0  0  0  1  0
Diff_f:            0  0  0  0 -1 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  2  2  0  3  3
# Filtered pixels: 3  3  4  2  2  2  3  3
# Filtered P pix:  1  0  1  0  0  0  0  1
# Filtered Q pix:  0  1  1  0  0  0  1  0
FirstOffset:      -1  0  0  1 -1  0  1 -1
SecondOffset:     -1  1  0  1 -2 -1  1 -1
ThirdOffset:       0  0  0  1  0 -1 -1 -1
FirstOffsetClip:  -1  0  0  1 -1  0  1 -1
```

```
SecondOffsetClip: -1  1  0  1 -1 -1  1 -1
ThirdOffsetClip:   0  0  0  1  0 -1 -1 -1

Block 831:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:0 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:16 S01:12 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:42 S01:48 S11:47 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:26 S01:0 S11:0 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:31 S01:12 S11:47 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:44 S01:0 S11:0 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:18 S01:60 S11:40 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:0 S01:24 S11:36 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 3  2  4  1  0  4  1  2
Diff_de:          -1  1  1  0  0  1  0  0
Diff_c:            0  0 -1  0  0  1 -2  2
Diff_f:           -1  0 -2  1  0 -1  0 -1

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  0  0  1  1  1
# Filtered pixels: 4  4  3  4  4  4  3  4
# Filtered P pix:  1  1  0  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1  1  1  0  0  0  0  0
SecondOffset:     -1  0 -1  0  0  0 -1  1
ThirdOffset:       0 -1 -1  0  0 -1 -1  0
FirstOffsetClip:  -1  1  1  0  0  0  0  0
SecondOffsetClip: -1  0 -1  0  0  0 -1  1
ThirdOffsetClip:   0 -1 -1  0  0 -1 -1  0

Block 832:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:52 S01:12 S11:34 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:16 S01:0 S11:0 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:45 S01:24 S11:16 S02:60 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:13 S01:24 S11:21 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:16 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:60 S01:36 S11:44 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  3  1  3  2  2  4
Diff_de:          -1  1  1  0 -1  0  1  1
Diff_c:            0  0  0  0  0  1  0  1
Diff_f:            0  1  1  1 -1 -1  0  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  1  3  2  3  3
# Filtered pixels: 4  4  4  4  3  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:      -1  1  1  0 -2  0  1  1
SecondOffset:      0  0  1  0 -1  1  0  1
ThirdOffset:       1  0  0  1  0 -1 -1  0
FirstOffsetClip:  -1  1  1  0 -2  0  1  1
SecondOffsetClip:  0  0  1  0 -1  1  0  1
ThirdOffsetClip:   1  0  0  1  0 -1 -1  0

Block 833:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:26 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:34 S01:36 S11:24 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:49 S01:24 S11:36 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:29 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:24 S11:31 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:24 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:49 S01:12 S11:44 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:31 S01:24 S11:31 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  1  4  4  1  0  2
Diff_de:           0 -1  0 -1 -1  0  0  0
Diff_c:           -1 -1  1 -1 -1  0  0 -1
Diff_f:            0  1  0 -1  1 -1  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  1  3  2  2  0  2
# Filtered pixels: 3  3  4  4  4  4  4  4
# Filtered P pix:  1  0  1  1  1  1  1  1
```

```
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:       1 -1  0 -1  0  0  0  0
SecondOffset:      0 -1  1 -1 -1 -1  0 -1
ThirdOffset:       1  0  0  0  1 -1  0 -1
FirstOffsetClip:   1 -1  0 -1  0  0  0  0
SecondOffsetClip:  0 -1  1 -1 -1 -1  0 -1
ThirdOffsetClip:   1  0  0  0  1 -1  0 -1

Block 834:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:34 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:42 S01:24 S11:31 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:50 S01:12 S11:18 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:44 S01:36 S11:24 S02:36 S12:29 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:12 S11:44 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:21 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  3  2  2  2  3  0
Diff_de:          -1  1 -1  1  0 -1  1  0
Diff_c:           -1  1  1  0 -1  0  1  0
Diff_f:           -1 -1  0  0 -1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  3  4  0  2  3  1
# Filtered pixels: 3  4  4  4  2  3  4  4
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  0  1  1  1  0  0  1  1
FirstOffset:      -1  1 -1  2  0 -1  1  0
SecondOffset:     -1  1  0  1 -1  0  1  1
ThirdOffset:       0 -1  1 -1 -1  1  0  0
FirstOffsetClip:  -1  1 -1  1  0 -1  1  0
SecondOffsetClip: -1  1  0  1 -1  0  1  1
ThirdOffsetClip:   0 -1  1 -1 -1  1  0  0

Block 835:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:21 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:36 S01:0 S11:26 S02:12 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:49 S01:0 S11:65 S02:12 S12:18 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
```

```
ActEdge:0 ClipEdge:1
Row:4 S0:37 S01:36 S11:24 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:47 S01:36 S11:39 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:21 S01:12 S11:13 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:37 S01:48 S11:45 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:24 S11:29 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  2  0  0  0  0
Diff_de:          -1  0  0 -1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  2  2  2  2  0
# Filtered pixels: 3  3  3  2  2  2  2  2
# Filtered P pix:  0  1  1  0  0  0  0  0
# Filtered Q pix:  1  0  0  0  0  0  0  0
FirstOffset:      -1  0  0 -1 -1  1 -1  0
SecondOffset:      0  0  0  0  0  1  1  1
ThirdOffset:       1  0  0  0  0 -1  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 836:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:62 S01:24 S11:62 S02:72 S12:68 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:18 S01:12 S11:21 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:0 S11:52 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:12 S11:21 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:36 S11:50 S02:48 S12:62 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:12 S11:13 S02:60 S12:45 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:48 S11:37 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:32 S01:12 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  4  4  1  3  4  2
Diff_de:           1  0 -1  1  0 -1 -1 -1
Diff_c:           -1  0  1  1  0  0  1  0
Diff_f:            0 -1 -1  1 -1 -1  1  0
```

```
'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  3  3  1  2  2  4
# Filtered pixels: 3  4  4  4  3  3  2  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  1  1  1  0  0  0  1
FirstOffset:       0  0 -1  1  0 -1 -1 -2
SecondOffset:     -1  0 -1  1 -1  0  1 -1
ThirdOffset:      -2  0  0  0 -1 -1  2  1
FirstOffsetClip:   0  0 -1  1  0 -1 -1 -2
SecondOffsetClip: -1  0 -1  1 -1  0  1 -1
ThirdOffsetClip:  -1  0  0  0 -1 -1  1  1

Block 837:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:29 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:12 S11:44 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:12 S11:13 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:60 S11:70 S02:12 S12:60 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:0 S11:39 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:32 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  4  3  2  2  3  3
Diff_de:           0 -1 -1 -1 -1 -1 -1  1
Diff_c:            1  1 -1  0  0  0  0  0
Diff_f:           -1  0 -1  1  0  0  1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  3  3  3  1  4
# Filtered pixels: 4  4  4  4  4  3  4  4
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0 -1 -1 -1 -1 -1  0  2
SecondOffset:      1  0 -1  0 -1  1  0  1
ThirdOffset:      -1  1  0  1  0  1  1 -1
FirstOffsetClip:   0 -1 -1 -1 -1 -1  0  2
SecondOffsetClip:  1  0 -1  0 -1  1  0  1
ThirdOffsetClip:  -1  1  0  1  0  1  1 -1

Block 838:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
```

```
Row:1 S0:8 S01:12 S11:44 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:70 S01:12 S11:57 S02:36 S12:24 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:45 S01:12 S11:57 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:44 S01:36 S11:44 S02:0 S12:65 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:29 S01:36 S11:39 S02:12 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:24 S11:42 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:0 S11:26 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:47 S01:24 S11:29 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  3  2  3  1  0  3
Diff_de:           0  0  1 -1 -1  0  0  1
Diff_c:            0  0  0  0  0  1  0  1
Diff_f:            0  0  1  0 -1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  4  0  2  1  0  3
# Filtered pixels: 4  3  4  3  3  4  3  3
# Filtered P pix:  1  1  1  0  0  1  1  1
# Filtered Q pix:  1  0  1  1  1  1  0  0
FirstOffset:       0  1  2  0 -1  0  0  1
SecondOffset:      0  0  1 -1  0  1  0  1
ThirdOffset:       0 -1 -1  0  0  0 -1  1
FirstOffsetClip:   0  1  1  0 -1  0  0  1
SecondOffsetClip:  0  0  1 -1  0  1  0  1
ThirdOffsetClip:   0 -1 -1  0  0  0 -1  1

Block 839:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:13 S01:0 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:60 S11:45 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:63 S01:12 S11:18 S02:36 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:26 S01:36 S11:34 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:55 S01:48 S11:32 S02:36 S12:29 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:49 S01:0 S11:0 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:24 S11:36 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:31 S01:36 S11:44 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  3  2  4  0  3  1
Diff_de:           0 -1  1  0  1  0 -1  0
Diff_c:            0  0  0  1 -1  0  1  1
Diff_f:            1 -1  1  1  1  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  1  2  0  3  0
# Filtered pixels: 4  3  3  3  2  3  4  3
# Filtered P pix:  1  0  1  0  0  1  1  0
# Filtered Q pix:  1  1  0  1  0  0  1  1
FirstOffset:       0  0  2  0  1  0 -1  0
SecondOffset:      0  1  1  1 -1  0  0  1
ThirdOffset:       0  0  0  1  0  1  1  0
FirstOffsetClip:   0  0  2  0  1  0 -1  0
SecondOffsetClip:  0  1  1  1 -1  0  0  1
ThirdOffsetClip:   0  0  0  1  0  1  1  0

Block 840:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:26 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:60 S11:40 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:37 S01:48 S11:47 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:48 S11:32 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:12 S11:8 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:0 S11:0 S02:12 S12:31 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:24 S11:21 S02:24 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:36 S11:39 S02:24 S12:16 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  4  0  0  0
# Filtered pixels: 2  2  2  2  4  4  2  2
# Filtered P pix:  0  0  0  0  1  1  0  0
# Filtered Q pix:  0  0  0  0  1  1  0  0
FirstOffset:       0  1  1 -1 -1  0  0  0
SecondOffset:     -1  2 -1 -2 -1  0  1 -1
ThirdOffset:       1 -1  0  0  1  0  1 -1
FirstOffsetClip:   0  1  1 -1 -1  0  0  0
```

```
SecondOffsetClip: -1  1 -1 -1 -1  0  1 -1
ThirdOffsetClip:   1 -1  0  0  1  0  1 -1

Block 841:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:29 S01:0 S11:0 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:39 S01:48 S11:47 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:12 S11:44 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:0 S11:26 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:47 S01:12 S11:13 S02:24 S12:49 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:37 S01:24 S11:42 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:0 S11:52 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  1  0  1  4  3  3  0
Diff_de:          -1  0  0  0  1  1  1  0
Diff_c:            0  0  0  0  1  0 -1  0
Diff_f:            0  1  0 -1  1  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  3  3  2  3
# Filtered pixels: 4  2  4  3  3  3  2  3
# Filtered P pix:  1  0  1  1  1  1  0  1
# Filtered Q pix:  1  0  1  0  0  0  0  0
FirstOffset:      -1  1  0  0  1  1  1  1
SecondOffset:     -1  2  0  0  1  1  0  1
ThirdOffset:       0  0  0 -1  0  0  1 -1
FirstOffsetClip:  -1  1  0  0  1  1  1  1
SecondOffsetClip: -1  1  0  0  1  1  0  1
ThirdOffsetClip:   0  0  0 -1  0  0  1 -1

Block 842:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:26 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:24 S11:42 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:48 S11:57 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:44 S01:12 S11:47 S02:48 S12:57 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:12 S11:8 S02:48 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:24 S01:0 S11:26 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:0 S11:52 S02:48 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:60 S01:72 S11:53 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  2  2  0  2  0  2
Diff_de:           0  0 -1 -1  0  1  0  1
Diff_c:            1 -1  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  2  0  0  4  3  3
# Filtered pixels: 3  4  2  3  3  4  3  3
# Filtered P pix:  1  1  0  1  1  1  1  0
# Filtered Q pix:  0  1  0  0  0  1  0  1
FirstOffset:       0  0 -1  0  0  1  1  1
SecondOffset:      1 -1  1  0  0  1  1 -1
ThirdOffset:       1  0 -1 -1  1 -1  1 -1
FirstOffsetClip:   0  0 -1  0  0  1  1  1
SecondOffsetClip:  1 -1  1  0  0  1  1 -1
ThirdOffsetClip:   1  0 -1 -1  1 -1  1 -1

Block 843:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:34 S02:24 S12:68 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:60 S01:12 S11:57 S02:48 S12:45 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:31 S01:36 S11:37 S02:12 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:47 S01:48 S11:42 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:24 S01:24 S11:21 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:39 S01:48 S11:47 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:50 S01:12 S11:13 S02:12 S12:21 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:47 S01:24 S11:29 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  0  0  0  0  2  2
Diff_de:           0 -1  0  0  0  0 -2 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  3  4  3
# Filtered pixels: 3  3  3  2  2  3  4  3
# Filtered P pix:  1  1  0  0  0  0  1  0
```

```
# Filtered Q pix:  0  0  1  0  0  1  1  1
FirstOffset:       0 -1  0 -1  1  1 -2 -1
SecondOffset:      0  0 -1 -2  1  2 -1  0
ThirdOffset:       1  2  0  1  0 -1  1  1
FirstOffsetClip:   0 -1  0 -1  1  1 -1 -1
SecondOffsetClip:  0  0 -1 -1  1  1 -1  0
ThirdOffsetClip:   1  1  0  1  0 -1  1  1

Block 844:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:36 S01:48 S11:32 S02:0 S12:52 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:39 S01:0 S11:0 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:36 S11:44 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:36 S11:49 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:48 S11:37 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:32 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:49 S01:12 S11:13 S02:48 S12:37 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  0  1  2  4  3  4  1
Diff_de:           0  0  0  0 -1 -1  1  0
Diff_c:            1  0  1 -1 -1 -1 -1  0
Diff_f:            0  0  0  1 -1  0 -1 -1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  1  1  3  3  0
# Filtered pixels: 3  3  3  3  3  4  3  3
# Filtered P pix:  0  1  0  0  0  1  0  1
# Filtered Q pix:  1  0  1  1  1  1  1  0
FirstOffset:       0 -1  0  0  0 -1  2  0
SecondOffset:      1 -1  1 -1 -1 -1  0  0
ThirdOffset:       0  2  0  1 -1  0 -1 -1
FirstOffsetClip:   0 -1  0  0  0 -1  2  0
SecondOffsetClip:  1 -1  1 -1 -1 -1  0  0
ThirdOffsetClip:   0  1  0  1 -1  0 -1 -1

Block 845:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:8 S02:36 S12:34 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:50 S01:60 S11:50 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:24 S11:62 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:37 S01:24 S11:21 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:50 S01:36 S11:34 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:39 S01:12 S11:21 S02:36 S12:34 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:16 S01:0 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:8 S0:60 S01:36 S11:39 S02:72 S12:53 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  0  2  0  2  0
Diff_de:           1  0  0  0  1  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  3  3  3  2
# Filtered pixels: 3  2  2  2  3  3  4  2
# Filtered P pix:  1  0  0  0  0  1  1  0
# Filtered Q pix:  0  0  0  0  1  0  1  0
FirstOffset:       1  2  0  1  2 -1  1 -1
SecondOffset:      1  0  1  0  0 -1  1 -1
ThirdOffset:       0 -1 -1  0 -1  1  0 -1
FirstOffsetClip:   1  1  0  1  1 -1  1 -1
SecondOffsetClip:  1  0  1  0  0 -1  1 -1
ThirdOffsetClip:   0 -1 -1  0 -1  1  0 -1

Block 846:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:42 S01:36 S11:39 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:21 S01:36 S11:50 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:52 S01:12 S11:34 S02:36 S12:29 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:13 S01:12 S11:18 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:16 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:57 S01:36 S11:39 S02:36 S12:39 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:31 S01:48 S11:57 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:24 S11:21 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  2
Diff_de:           0  0  0  0  1  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  0  2  2  0  2
# Filtered pixels: 2  3  2  3  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  1  0  0  1  0
FirstOffset:       1  1  1  0  1 -1  0 -1
SecondOffset:      0  1  1  0  1 -1 -1  0
ThirdOffset:       0 -1 -1  0 -1  0  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 847:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:0 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:24 S11:36 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:12 S11:21 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:53 S01:60 S11:50 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:73 S01:48 S11:57 S02:12 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:18 S01:24 S11:36 S02:60 S12:40 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:24 S11:42 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  2  3  3  3  2  3
Diff_de:          -2  0  0  1 -2 -1  0 -1
Diff_c:           -1  0  1  0  1  1  1 -1
Diff_f:            1  0 -1 -1  0  0 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  2  3  2  3  1  3
# Filtered pixels: 4  4  3  4  3  3  3  4
# Filtered P pix:  1  1  1  1  0  0  1  1
# Filtered Q pix:  1  1  0  1  1  1  0  1
FirstOffset:      -1  0 -1  1 -2 -1  0 -1
SecondOffset:     -1  0  0  0  0  1  1 -1
ThirdOffset:       1  0 -1 -1  0  1 -1  0
FirstOffsetClip:  -1  0 -1  1 -2 -1  0 -1
SecondOffsetClip: -1  0  0  0  0  1  1 -1
ThirdOffsetClip:   1  0 -1 -1  0  1 -1  0

Block 848:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
```

```
Row:1 S0:52 S01:12 S11:18 S02:0 S12:52 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:45 S01:48 S11:42 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:45 S01:72 S11:48 S02:48 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:21 S01:12 S11:34 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:36 S11:49 S02:24 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:12 S11:47 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:36 S01:72 S11:73 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:58 S01:12 S11:57 S02:24 S12:55 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  0  3  2  0  2
Diff_de:           0  1  1  0 -1 -1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  2  2  0  2  0  3
# Filtered pixels: 4  3  2  4  2  3  3  3
# Filtered P pix:  1  0  0  1  0  1  0  1
# Filtered Q pix:  1  1  0  1  0  0  1  0
FirstOffset:       1  2  2 -1  0 -1  0  2
SecondOffset:      0  0 -1  0 -1  0 -2  1
ThirdOffset:      -1 -1  0  0 -1  1  0 -2
FirstOffsetClip:   1  1  1 -1  0 -1  0  1
SecondOffsetClip:  0  0 -1  0 -1  0 -1  1
ThirdOffsetClip:  -1 -1  0  0 -1  1  0 -1

Block 849:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:37 S02:36 S12:63 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:21 S01:36 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:49 S01:36 S11:39 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:32 S01:0 S11:0 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:13 S01:24 S11:29 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:37 S01:0 S11:0 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:26 S01:0 S11:39 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:39 S01:24 S11:42 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 4  2  2  4  2  4  1  1
Diff_de:          -1  0  0  1  0 -1  0  0
Diff_c:           -1 -1  1  1 -1 -1  0  0
Diff_f:            1 -1  1  1  1  1  1 -2

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  3  2  4  0  3
# Filtered pixels: 4  4  4  4  4  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  0
FirstOffset:       0  1  0  2  0 -1  0 -1
SecondOffset:     -1  0  1  1 -1 -1  0 -1
ThirdOffset:       1 -1  1  0  1  1  0 -1
FirstOffsetClip:   0  1  0  2  0 -1  0 -1
SecondOffsetClip: -1  0  1  1 -1 -1  0 -1
ThirdOffsetClip:   1 -1  1  0  1  1  0 -1

Block 850:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:13 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:18 S01:12 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:34 S01:0 S11:65 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:34 S01:24 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:16 S01:0 S11:26 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:29 S01:36 S11:44 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:37 S01:24 S11:26 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:13 S01:24 S11:29 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 0  1  3  4  3  4  4  1
Diff_de:           0  0  1 -1  1 -1  1  0
Diff_c:            0  0  1  1  1  1 -1 -1
Diff_f:            0 -1  0 -1  0  1  1  0

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  3  2  3  3  2  1
# Filtered pixels: 4  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  1 -1  1 -1  1  0
SecondOffset:      0  0  1  0  1  0  0 -1
ThirdOffset:       0 -1  0  0  0  1  0  0
FirstOffsetClip:   0  0  1 -1  1 -1  1  0
```

```
SecondOffsetClip:  0  0  1  0  1  0  0 -1
ThirdOffsetClip:   0 -1  0  0  0  1  0  0

Block 851:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:8 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:2 S0:47 S01:36 S11:39 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:47 S01:0 S11:65 S02:24 S12:16 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:16 S01:12 S11:70 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:5 S0:34 S01:0 S11:26 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:45 S01:24 S11:26 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:39 S01:36 S11:49 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:37 S01:48 S11:47 S02:72 S12:68 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  2  2  2  0  0
Diff_de:           0 -1  1  1  1  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  3  3  2  2
# Filtered pixels: 4  3  3  4  3  3  2  2
# Filtered P pix:  1  0  1  1  1  0  0  0
# Filtered Q pix:  1  1  0  1  0  1  0  0
FirstOffset:       0 -1  1  1  1  2  1  1
SecondOffset:      0 -1  1  0  1  1  0 -1
ThirdOffset:       0  0  0  0  1 -1 -2  1
FirstOffsetClip:   0 -1  1  1  1  1  1  1
SecondOffsetClip:  0 -1  1  0  1  1  0 -1
ThirdOffsetClip:   0  0  0  0  1 -1 -1  1

Block 852:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:13 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:26 S01:24 S11:16 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:31 S01:60 S11:50 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:0 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:5 S0:39 S01:0 S11:13 S02:0 S12:39 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
```

```
Row:6 S0:31 S01:24 S11:62 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:26 S01:48 S11:47 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:12 S11:13 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  2
Diff_de:          -1  0  0  0  1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  0  4  0  0  2
# Filtered pixels: 3  2  2  4  4  2  2  3
# Filtered P pix:  1  0  0  1  1  0  0  1
# Filtered Q pix:  0  0  0  1  1  0  0  0
FirstOffset:      -1  0  0  0  1  0  0  1
SecondOffset:     -1  1  1  0  1  1 -1  0
ThirdOffset:       0 -1 -1  0 -1 -1 -1  0
FirstOffsetClip:  -1  0  0  0  1  0  0  1
SecondOffsetClip: -1  1  1  0  1  1 -1  0
ThirdOffsetClip:   0 -1 -1  0 -1 -1 -1  0

Block 853:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:24 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:0 S11:52 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:48 S11:37 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:49 S01:48 S11:62 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:29 S01:36 S11:39 S02:0 S12:65 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:36 S11:29 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:39 S01:12 S11:8 S02:60 S12:40 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:12 S11:47 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  2  2  0  2  2  0  1
Diff_de:           0 -1 -1  0  1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0 -1

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  0  3  0  3  2
# Filtered pixels: 3  3  3  2  3  3  3  3
# Filtered P pix:  0  1  0  0  0  0  1  1
```

```
# Filtered Q pix:  1  0  1  0  1  1  0  0
FirstOffset:       0 -1 -1  0  1  0  1  1
SecondOffset:      1 -1 -2 -1  0 -1  1  0
ThirdOffset:       0  0  0 -1 -1  0  1 -1
FirstOffsetClip:   0 -1 -1  0  1  0  1  1
SecondOffsetClip:  1 -1 -1 -1  0 -1  1  0
ThirdOffsetClip:   0  0  0 -1 -1  0  1 -1

Block 854:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:31 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:48 S11:42 S02:60 S12:53 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:48 S11:42 S02:48 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:0 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:42 S01:12 S11:44 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:18 S01:24 S11:16 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:48 S11:47 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:24 S11:26 S02:24 S12:29 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  2  0  1  2  1  2  2
Diff_de:           1  1  0  0  1  0  1  0
Diff_c:            0  0  0  0  0  1  0  1
Diff_f:            0  0  0 -1  0  0  0  1

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  3  0  2  0
# Filtered pixels: 3  2  2  3  4  3  3  2
# Filtered P pix:  1  0  0  1  1  0  0  0
# Filtered Q pix:  0  0  0  0  1  1  1  0
FirstOffset:       1  0 -1  0  1  0  1  0
SecondOffset:      0 -1  1  0  0  1 -1  1
ThirdOffset:      -1  1 -1 -1 -1  0  0  1
FirstOffsetClip:   1  0 -1  0  1  0  1  0
SecondOffsetClip:  0 -1  1  0  0  1 -1  1
ThirdOffsetClip:  -1  1 -1 -1 -1  0  0  1

Block 855:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:8 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:8 S01:60 S11:40 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:65 S01:48 S11:52 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:55 S01:36 S11:39 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:12 S11:21 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:21 S01:12 S11:21 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:45 S01:36 S11:34 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:60 S01:60 S11:55 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  2  2  0  0  0
Diff_de:           0  0 -1 -1 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  3  0  3  2  2
# Filtered pixels: 3  2  3  3  4  4  2  2
# Filtered P pix:  1  0  0  0  1  1  0  0
# Filtered Q pix:  0  0  1  1  1  1  0  0
FirstOffset:       0  0 -1 -1  0  1 -2  1
SecondOffset:      0 -1 -2 -1  0  0  0 -1
ThirdOffset:      -1  1  0  1  0 -1  1 -1
FirstOffsetClip:   0  0 -1 -1  0  1 -1  1
SecondOffsetClip:  0 -1 -1 -1  0  0  0 -1
ThirdOffsetClip:  -1  1  0  1  0 -1  1 -1

Block 856:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:49 S01:36 S11:44 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:55 S01:0 S11:52 S02:48 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:47 S01:0 S11:13 S02:48 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:37 S01:48 S11:47 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:18 S01:0 S11:26 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:48 S11:52 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:60 S11:50 S02:24 S12:16 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:13 S01:36 S11:24 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  2  0  2  2  2
Diff_de:           0 -1 -1  1  0 -1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  2  0  2  2  0
# Filtered pixels: 3  3  3  3  4  3  2  2
# Filtered P pix:  0  1  1  0  1  0  0  0
# Filtered Q pix:  1  0  0  1  1  1  0  0
FirstOffset:       0 -1 -1  1  0 -1 -1  0
SecondOffset:     -1 -1 -1 -1  0  1  1  1
ThirdOffset:       0 -1  2  0  0  0  1 -1
FirstOffsetClip:   0 -1 -1  1  0 -1 -1  0
SecondOffsetClip: -1 -1 -1 -1  0  1  1  1
ThirdOffsetClip:   0 -1  1  0  0  0  1 -1

Block 857:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:0 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:12 S11:8 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:3 S0:50 S01:12 S11:34 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:16 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:42 S01:0 S11:0 S02:24 S12:16 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:50 S01:0 S11:13 S02:36 S12:44 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:37 S01:0 S11:13 S02:12 S12:31 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:31 S01:12 S11:18 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  2  2  2  2  2  0
Diff_de:           1  0  1  1  1 -1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  3  4  3  3  3  0
# Filtered pixels: 4  4  3  4  3  3  4  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  0  0  1  0
FirstOffset:       1  0  2  1  1 -2 -1  0
SecondOffset:      1  0  1  1  1 -1 -1  0
ThirdOffset:      -1  0 -1 -1  0  0  0 -1
FirstOffsetClip:   1  0  1  1  1 -1 -1  0
SecondOffsetClip:  1  0  1  1  1 -1 -1  0
ThirdOffsetClip:  -1  0 -1 -1  0  0  0 -1

Block 858:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
```

```
Row:1 S0:24 S01:0 S11:52 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:34 S01:0 S11:0 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:8 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:12 S11:8 S02:36 S12:29 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:49 S01:12 S11:18 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:12 S11:47 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:60 S11:55 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:50 S01:24 S11:31 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  2  0  0  0  3
Diff_de:          -1  1  0  1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  0  3  0  0  2  3
# Filtered pixels: 4  4  4  3  3  4  2  3
# Filtered P pix:  1  1  1  1  1  1  0  0
# Filtered Q pix:  1  1  1  0  0  1  0  1
FirstOffset:      -1  1  0  1  0  0 -1 -2
SecondOffset:     -1  1  0  1  0  0  1 -1
ThirdOffset:       0 -1  0  0 -1  0  0  1
FirstOffsetClip:  -1  1  0  1  0  0 -1 -1
SecondOffsetClip: -1  1  0  1  0  0  1 -1
ThirdOffsetClip:   0 -1  0  0 -1  0  0  1

Block 859:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:8 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:24 S01:12 S11:70 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:36 S11:29 S02:60 S12:53 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:31 S01:36 S11:24 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:26 S01:12 S11:8 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:21 S01:0 S11:0 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:47 S01:24 S11:16 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:13 S01:36 S11:39 S02:36 S12:29 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  2  2  0  0
Diff_de:           0 -1  0  0 -1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  2  0  0  4  2  0
# Filtered pixels: 4  3  2  2  3  4  2  2
# Filtered P pix:  1  1  0  0  1  1  0  0
# Filtered Q pix:  1  0  0  0  0  1  0  0
FirstOffset:       1 -1 -1  0  0 -1 -1  0
SecondOffset:      1  0 -1 -1  0 -1 -1  1
ThirdOffset:      -1 -1  2 -1  1  1 -1 -1
FirstOffsetClip:   1 -1 -1  0  0 -1 -1  0
SecondOffsetClip:  1  0 -1 -1  0 -1 -1  1
ThirdOffsetClip:  -1 -1  1 -1  1  1 -1 -1

Block 860:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:16 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:24 S11:31 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:0 S01:12 S11:47 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:62 S01:48 S11:47 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:32 S01:0 S11:0 S02:24 S12:31 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:37 S01:24 S11:21 S02:12 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:42 S01:24 S11:26 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:12 S11:57 S02:24 S12:26 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  2  2  3  2  0
Diff_de:           0  0  0 -1 -2  1  1  0
Diff_c:            1  0  0  0  0 -1  0  0
Diff_f:           -1  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  3  2  2  2
# Filtered pixels: 2  3  4  2  3  3  3  3
# Filtered P pix:  0  0  1  0  1  0  0  1
# Filtered Q pix:  0  1  1  0  0  1  1  0
FirstOffset:       0  0  0  0 -2  1  1  1
SecondOffset:      1 -1  0 -1 -1  0  0  0
ThirdOffset:      -1  0  0 -1  1  0  0 -1
FirstOffsetClip:   0  0  0  0 -1  1  1  1
```

```
SecondOffsetClip:  1 -1  0 -1 -1  0  0  0
ThirdOffsetClip:  -1  0  0 -1  1  0  0 -1

Block 861:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:13 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:50 S01:0 S11:13 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:21 S01:24 S11:36 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:12 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:12 S11:18 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:8 S01:12 S11:18 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:24 S01:12 S11:34 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:12 S11:34 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  1  2  4  3  4  4
Diff_de:           0  1  0 -1 -1  1  1  1
Diff_c:            0  0  1  0 -1  1  1  1
Diff_f:           -1  0  0  0  1  0  1 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  3  3  4  0  3  3
# Filtered pixels: 3  4  4  4  4  4  3  3
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  1  1  0  0
FirstOffset:       0  2 -1 -1 -1  0  1  1
SecondOffset:      0  1  0  0 -1  0  1  1
ThirdOffset:      -1 -1  1  1  1  0  0 -2
FirstOffsetClip:   0  2 -1 -1 -1  0  1  1
SecondOffsetClip:  0  1  0  0 -1  0  1  1
ThirdOffsetClip:  -1 -1  1  1  1  0  0 -1

Block 862:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:63 S01:36 S11:44 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:16 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:13 S01:36 S11:39 S02:60 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:32 S01:12 S11:8 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:21 S01:12 S11:31 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
```

```
Row:6 S0:16 S01:12 S11:21 S02:24 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:16 S01:24 S11:26 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:21 S01:36 S11:37 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 3  4  4  3  4  4  4  1
Diff_de:          -2  1  1  2  1 -1 -1  0
Diff_c:            1 -1  2  1  1 -1  1 -1
Diff_f:            0 -1 -2  0 -1  1 -1  0

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  4  4  4  2  2
# Filtered pixels: 4  4  3  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  1
FirstOffset:      -2  1  0  2  1 -1 -1  1
SecondOffset:      0  0  1  1  1 -1  0  0
ThirdOffset:       1 -1 -1 -1 -1  1  0  0
FirstOffsetClip:  -2  1  0  2  1 -1 -1  1
SecondOffsetClip:  0  0  1  1  1 -1  0  0
ThirdOffsetClip:   1 -1 -1 -1 -1  1  0  0

Block 863:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:18 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:47 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:36 S11:39 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:12 S11:60 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:44 S01:12 S11:21 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:39 S01:0 S11:52 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:12 S11:13 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:34 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  2  0  0  3  4  1
Diff_de:          -1  0  0  0  0 -1 -1  0
Diff_c:            1  0 -1  0  0  0 -1  0
Diff_f:           -1  0  1  0  0  1 -1  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  3  0  4  3  2
# Filtered pixels: 3  4  3  4  4  4  3  3
# Filtered P pix:  1  1  0  1  1  1  1  1
```

```
# Filtered Q pix:  0  1  1  1  1  1  0  0
FirstOffset:      -1  0  1  1  0 -1 -1  1
SecondOffset:      0  0  0  0  0 -1 -1  0
ThirdOffset:       0  0  0 -1  0  1  0  0
FirstOffsetClip:  -1  0  1  1  0 -1 -1  1
SecondOffsetClip:  0  0  0  0  0 -1 -1  0
ThirdOffsetClip:   0  0  0 -1  0  1  0  0

Block 864:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:47 S01:48 S11:52 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:24 S11:31 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:72 S11:68 S02:0 S12:26 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:0 S11:52 S02:24 S12:42 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:60 S11:40 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:44 S01:12 S11:31 S02:0 S12:0 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:29 S01:60 S11:65 S02:24 S12:49 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  4  2  3  4  0  0  3
Diff_de:          -1  1  1 -1  1  0  0  1
Diff_c:            0  1  0  0  1  0  0  0
Diff_f:            0 -1  0 -1 -1  0  0  1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  0  3  2  0  0  2
# Filtered pixels: 3  4  3  4  4  3  4  3
# Filtered P pix:  0  1  0  1  1  0  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:      -1  1  0 -1  0  0  0  1
SecondOffset:      1  1 -2 -1  1 -1  0 -1
ThirdOffset:       1 -1  0  0 -1  0  0  0
FirstOffsetClip:  -1  1  0 -1  0  0  0  1
SecondOffsetClip:  1  1 -1 -1  1 -1  0 -1
ThirdOffsetClip:   1 -1  0  0 -1  0  0  0

Block 865:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:2 S0:21 S01:12 S11:18 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:0 S11:13 S02:24 S12:31 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:1
Row:4 S0:60 S01:12 S11:44 S02:0 S12:65 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:5 S0:18 S01:12 S11:13 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:26 S01:12 S11:8 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:32 S01:60 S11:45 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:36 S01:60 S11:50 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  3  0  0  2  0
# Filtered pixels: 3  2  3  3  3  2  2  2
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  1  0  0  1  1  0  0  0
FirstOffset:       0  1  1  1  0  0  2  0
SecondOffset:      0  1  1  0  0  0  0  1
ThirdOffset:       0  0 -1 -1  0  1 -1  0
FirstOffsetClip:   0  1  1  1  0  0  1  0
SecondOffsetClip:  0  1  1  0  0  0  0  1
ThirdOffsetClip:   0  0 -1 -1  0  1 -1  0

Block 866:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:0 S02:60 S12:40 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:24 S11:16 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:29 S01:48 S11:52 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:40 S01:36 S11:29 S02:60 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:39 S01:36 S11:34 S02:12 S12:70 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:48 S11:37 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:16 S01:12 S11:21 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  2  2  2  2  2  2  3
Diff_de:           0  0  1  1  1  0  1 -1
Diff_c:            0  1  0  0  0  1  0 -1
Diff_f:            0 -1  0  0  0  1  0  0
```

```
'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  3  0  0  3
# Filtered pixels: 3  2  3  2  3  2  2  4
# Filtered P pix:  1  0  0  0  0  0  0  1
# Filtered Q pix:  0  0  1  0  1  0  0  1
FirstOffset:       0  0  1  2  1  0  0 -1
SecondOffset:      0  1 -1  0  0  1  1 -1
ThirdOffset:      -1 -1  0  0 -1  1  1  0
FirstOffsetClip:   0  0  1  1  1  0  0 -1
SecondOffsetClip:  0  1 -1  0  0  1  1 -1
ThirdOffsetClip:  -1 -1  0  0 -1  1  1  0

Block 867:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:26 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:55 S01:24 S11:31 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:47 S01:60 S11:50 S02:12 S12:21 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:24 S11:29 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:21 S01:12 S11:44 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:49 S01:60 S11:45 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:36 S11:24 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:12 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  0  2  0  0  0
Diff_de:          -1  0  1  0  1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  0  2  0  2  0
# Filtered pixels: 3  2  2  3  2  2  2  3
# Filtered P pix:  1  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  1
FirstOffset:      -1  1  1  0  1  0  1  0
SecondOffset:     -1  0 -1  1  0  1  1  0
ThirdOffset:       0  1  0  0  0  0  0  0
FirstOffsetClip:  -1  1  1  0  1  0  1  0
SecondOffsetClip: -1  0 -1  1  0  1  1  0
ThirdOffsetClip:   0  1  0  0  0  0  0  0

Block 868:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:12 S11:34 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:2 S0:47 S01:0 S11:39 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:50 S01:48 S11:45 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:12 S11:18 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:50 S01:24 S11:29 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:49 S01:60 S11:50 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:31 S01:0 S11:13 S02:24 S12:29 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:0 S01:12 S11:13 S02:24 S12:31 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  2  2  2  0  2  2  2
Diff_de:           0  1 -1  1  0  1  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  3  2  0  0  0
# Filtered pixels: 4  3  3  3  2  3  3  3
# Filtered P pix:  1  1  0  1  0  0  1  1
# Filtered Q pix:  1  0  1  0  0  1  0  0
FirstOffset:       0  1 -2  1 -2  0  0  0
SecondOffset:      0  1  0  1 -2 -1  0  0
ThirdOffset:       0  0  1  0  0  0 -1  1
FirstOffsetClip:   0  1 -1  1 -1  0  0  0
SecondOffsetClip:  0  1  0  1 -1 -1  0  0
ThirdOffsetClip:   0  0  1  0  0  0 -1  1

Block 869:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:21 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:47 S01:12 S11:21 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:16 S01:12 S11:8 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:42 S01:12 S11:18 S02:24 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:12 S11:18 S02:36 S12:24 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:34 S01:0 S11:13 S02:36 S12:50 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:31 S01:0 S11:13 S02:48 S12:32 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:8 S01:24 S11:55 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  2  2  2  0  0
Diff_de:           1 -1  1 -1  1 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  2  2  3  0  0
# Filtered pixels: 3  2  3  2  2  3  3  2
# Filtered P pix:  0  0  0  0  0  1  1  0
# Filtered Q pix:  1  0  1  0  0  0  0  0
FirstOffset:       1 -1  1 -1  1 -1  0  0
SecondOffset:      0 -1  0  0  1 -1  0 -1
ThirdOffset:      -1  1 -1  0  0  1 -1  0
FirstOffsetClip:   1 -1  1 -1  1 -1  0  0
SecondOffsetClip:  0 -1  0  0  1 -1  0 -1
ThirdOffsetClip:  -1  1 -1  0  0  1 -1  0

Block 870:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:40 S01:24 S11:16 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:12 S11:21 S02:36 S12:44 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:12 S11:8 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:36 S11:63 S02:0 S12:65 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:54 S01:36 S11:29 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:29 S01:0 S11:65 S02:48 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:26 S01:24 S11:49 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  3  0  2  0  2  3
Diff_de:           2  1  1  0  1  0 -1  1
Diff_c:           -1  0  1  0  0  0  0 -1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  0  0  0  3  0
# Filtered pixels: 2  3  4  3  3  2  3  3
# Filtered P pix:  0  1  1  0  0  0  1  0
# Filtered Q pix:  0  0  1  1  1  0  0  1
FirstOffset:       2  1  1  0  0  0 -1  0
SecondOffset:      1  1  1  1  1  1 -1 -1
ThirdOffset:       0 -1  0  0  0  1 -1  0
FirstOffsetClip:   1  1  1  0  0  0 -1  0
```

```
SecondOffsetClip:  1  1  1  1  1  1 -1 -1
ThirdOffsetClip:   0 -1  0  0  0  1 -1  0

Block 871:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:36 S01:60 S11:50 S02:24 S12:36 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:48 S11:32 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:24 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:12 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:36 S11:34 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:48 S11:42 S02:12 S12:18 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:12 S11:13 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:44 S01:12 S11:31 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  1  4  3  1  1  2  0
Diff_de:           0  0 -1  1  0  0 -1  0
Diff_c:            0  1 -1  0 -1  0  0  0
Diff_f:           -1  0  1 -1  0  1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  4  1  1  0  2  0
# Filtered pixels: 3  3  4  4  3  3  3  4
# Filtered P pix:  0  0  1  1  0  0  1  1
# Filtered Q pix:  1  1  1  1  1  1  0  1
FirstOffset:       0  0 -1  0  0  0 -1  0
SecondOffset:     -1  1 -1  0 -1 -1  0  0
ThirdOffset:      -1  0  1 -1 -1  0  0  0
FirstOffsetClip:   0  0 -1  0  0  0 -1  0
SecondOffsetClip: -1  1 -1  0 -1 -1  0  0
ThirdOffsetClip:  -1  0  1 -1 -1  0  0  0

Block 872:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:13 S02:12 S12:34 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:39 S01:48 S11:37 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:26 S01:48 S11:57 S02:24 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:34 S01:0 S11:39 S02:0 S12:65 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:39 S01:24 S11:16 S02:12 S12:57 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
```

```
Row:6 S0:21 S01:0 S11:26 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:18 S01:12 S11:47 S02:24 S12:26 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:18 S01:24 S11:26 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  2  2  2  0  0
Diff_de:          -1  0  0 -1  1  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  0  4  2  3  0  0
# Filtered pixels: 4  3  2  4  3  3  3  3
# Filtered P pix:  1  0  0  1  0  1  1  0
# Filtered Q pix:  1  1  0  1  1  0  0  1
FirstOffset:      -1  1  0 -1  1  1  0  0
SecondOffset:      0 -1 -1 -1  0  1  0 -1
ThirdOffset:       1 -1 -1  1  0  0 -1  0
FirstOffsetClip:  -1  1  0 -1  1  1  0  0
SecondOffsetClip:  0 -1 -1 -1  0  1  0 -1
ThirdOffsetClip:   1 -1 -1  1  0  0 -1  0

Block 873:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:16 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:26 S01:24 S11:26 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:36 S11:39 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:0 S01:48 S11:45 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:16 S01:36 S11:34 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:6 S0:44 S01:48 S11:37 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:12 S11:21 S02:48 S12:42 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 0  2  0  0  2  2  2  0
Diff_de:           0  1  0  0  1  1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  2  0  2  0
# Filtered pixels: 3  3  2  3  3  3  3  4
# Filtered P pix:  0  0  0  0  0  0  1  1
```

```
# Filtered Q pix:  1  1  0  1  1  1  0  1
FirstOffset:      -1  0  0  0  1  0  1  0
SecondOffset:     -1  1 -1 -1  0 -1  0  0
ThirdOffset:       0  0 -1  0  0  0  1  0
FirstOffsetClip:  -1  0  0  0  1  0  1  0
SecondOffsetClip: -1  1 -1 -1  0 -1  0  0
ThirdOffsetClip:   0  0 -1  0  0  0  1  0

Block 874:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:42 S01:12 S11:31 S02:60 S12:40 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:12 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:36 S11:49 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:57 S01:12 S11:47 S02:12 S12:57 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:36 S11:24 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:24 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:72 S11:63 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:47 S01:24 S11:36 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  3  1  4  3  3  3
Diff_de:           1  0 -1  0 -1  1  1  1
Diff_c:           -1  1  1  0  1  0  0 -1
Diff_f:            1  1  0 -1 -1 -1 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  2  2  4  3  3
# Filtered pixels: 3  4  4  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:       1  0 -1 -1 -1  1  1  1
SecondOffset:      0  0  0  0  0  1 -1  0
ThirdOffset:       1  0  0  0  0 -1 -1 -1
FirstOffsetClip:   1  0 -1 -1 -1  1  1  1
SecondOffsetClip:  0  0  0  0  0  1 -1  0
ThirdOffsetClip:   1  0  0  0  0 -1 -1 -1

Block 875:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:26 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:12 S11:18 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:37 S01:12 S11:13 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:18 S01:72 S11:68 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:36 S01:0 S11:13 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:62 S01:36 S11:29 S02:24 S12:36 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:0 S01:60 S11:55 S02:12 S12:57 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:36 S11:29 S02:12 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  0  0  0  3
Diff_de:          -1 -1  1  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0 -1
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  2  0  0  1  0  3
# Filtered pixels: 4  4  3  2  4  3  3  3
# Filtered P pix:  1  1  1  0  1  0  0  0
# Filtered Q pix:  1  1  0  0  1  1  1  1
FirstOffset:      -1 -1  1  0  0  0  0  1
SecondOffset:     -1  0  0  2  0  1 -1  0
ThirdOffset:       1  1  1 -1  0  1  0 -1
FirstOffsetClip:  -1 -1  1  0  0  0  0  1
SecondOffsetClip: -1  0  0  1  0  1 -1  0
ThirdOffsetClip:   1  1  1 -1  0  1  0 -1

Block 876:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:39 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:60 S01:24 S11:36 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:26 S01:12 S11:8 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:12 S11:44 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:36 S01:36 S11:34 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:0 S01:0 S11:52 S02:24 S12:36 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:24 S11:21 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:0 S11:13 S02:60 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  0  0  2  1  2  0
Diff_de:           1 -1  0  0  0  0  0  0
Diff_c:            0 -1  0  0 -1  0  1  0
Diff_f:            0  0  0  0 -1 -1  1  0
```

```
'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 4  4  0  0  1  1  2  0
# Filtered pixels: 4  4  3  4  3  4  4  3
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  1  1  0  1  1  1  1  0
FirstOffset:       1 -1  0  0  0  0  0  0
SecondOffset:      1 -1  0  0 -1  0  1  0
ThirdOffset:      -1  1  1  0 -1 -1  1 -1
FirstOffsetClip:   1 -1  0  0  0  0  0  0
SecondOffsetClip:  1 -1  0  0 -1  0  1  0
ThirdOffsetClip:  -1  1  1  0 -1 -1  1 -1

Block 877:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:39 S01:12 S11:60 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:45 S01:48 S11:57 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:0 S01:36 S11:63 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:8 S01:36 S11:29 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:31 S01:24 S11:31 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:60 S01:48 S11:45 S02:0 S12:39 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:31 S01:48 S11:62 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:0 S11:13 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  0  3  0  4
# Filtered pixels: 2  2  2  2  2  3  2  4
# Filtered P pix:  0  0  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       1 -2  0  0  0  1  0  1
SecondOffset:      0  0 -1 -1 -1  2 -1  1
ThirdOffset:       1  0  1  1 -1 -1 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 878:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:21 S01:12 S11:31 S02:36 S12:24 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:12 S11:8 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:29 S01:48 S11:37 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:31 S01:48 S11:42 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:29 S01:12 S11:13 S02:24 S12:26 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:36 S11:34 S02:48 S12:52 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:44 S01:24 S11:49 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:12 S11:44 S02:24 S12:31 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  2  0  0  0
Diff_de:           1  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  2  0  0  0
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1  0  1  0 -1  0  0  0
SecondOffset:      0  0 -1 -1  0 -1  1  0
ThirdOffset:       0  1  0 -1  0  1 -1 -1
FirstOffsetClip:   1  0  1  0 -1  0  0  0
SecondOffsetClip:  0  0 -1 -1  0 -1  1  0
ThirdOffsetClip:   0  1  0 -1  0  1 -1 -1

Block 879:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:26 S01:24 S11:29 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:48 S11:57 S02:12 S12:57 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:24 S11:31 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:57 S01:36 S11:49 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:26 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:13 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:12 S11:60 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:62 S01:0 S11:65 S02:24 S12:21 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:3
# Pixels with non-zero Diff : 1  2  4  2  0  1  1  2
Diff_de:           0 -1  1  1  0  0  0  1
Diff_c:            1  0  1  0  0  0  0  0
Diff_f:            0  0 -1  0  0  1  1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  2  0  0  0  0
# Filtered pixels: 2  3  2  2  4  3  3  3
# Filtered P pix:  0  0  0  0  1  1  1  1
# Filtered Q pix:  0  1  0  0  1  0  0  0
FirstOffset:       0 -2  0  1  0  0  0  0
SecondOffset:      1  0  1  0  0  0  0  0
ThirdOffset:       1  1 -1 -2  0  1  1  1
FirstOffsetClip:   0 -1  0  1  0  0  0  0
SecondOffsetClip:  1  0  1  0  0  0  0  0
ThirdOffsetClip:   1  1 -1 -1  0  1  1  1

Block 880:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:36 S01:24 S11:16 S02:12 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:32 S01:24 S11:36 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:47 S01:0 S11:39 S02:48 S12:47 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:44 S01:24 S11:16 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:24 S11:21 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:8 S01:12 S11:13 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:48 S11:52 S02:24 S12:16 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:8 S01:48 S11:47 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  0  0  0  0  0
Diff_de:           0  1 -1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  0  0  0  2  0
# Filtered pixels: 2  3  3  2  2  2  2  2
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:       0  2 -1  0  0  0 -1  0
SecondOffset:     -1  1 -1 -1 -1  0  1 -1
ThirdOffset:       0 -1 -1 -1 -1  1  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
```

```
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 881:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:21 S02:48 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:60 S11:45 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:0 S11:13 S02:24 S12:36 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:0 S11:26 S02:12 S12:44 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:50 S01:0 S11:39 S02:12 S12:31 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:8 S01:24 S11:26 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:16 S01:36 S11:24 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:29 S01:12 S11:13 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  1  0  2  1  3  3
Diff_de:           0  2  0  0  1  0  1  1
Diff_c:            1  0  0  0  0 -1 -1  0
Diff_f:            0  0 -1  0  0  0  0  1

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  4  0  2  2
# Filtered pixels: 2  3  3  4  4  3  3  3
# Filtered P pix:  0  0  1  1  1  0  0  1
# Filtered Q pix:  0  1  0  1  1  1  1  0
FirstOffset:       0  2  0 -1  2  0  1  1
SecondOffset:      1  0  0 -1  1 -1  0  0
ThirdOffset:       1 -1 -1  0 -1  0  0  0
FirstOffsetClip:   0  1  0 -1  1  0  1  1
SecondOffsetClip:  1  0  0 -1  1 -1  0  0
ThirdOffsetClip:   1 -1 -1  0 -1  0  0  0

Block 882:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:39 S01:36 S11:50 S02:36 S12:24 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:24 S11:26 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:47 S01:12 S11:44 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:50 S01:48 S11:32 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:16 S01:12 S11:34 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:57 S01:24 S11:36 S02:72 S12:53 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:60 S11:65 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:52 S01:24 S11:36 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  2  3  3  1  2  3
Diff_de:          -1  0 -1 -1  1  0  1  1
Diff_c:            0 -1  0  1  0  1  0  1
Diff_f:           -1  0  0  0 -1  0  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  4  3  3  2  2  3
# Filtered pixels: 2  4  4  3  4  3  3  3
# Filtered P pix:  0  1  1  0  1  1  0  1
# Filtered Q pix:  0  1  1  1  1  0  1  0
FirstOffset:      -1  0 -1 -2  1 -1  1  1
SecondOffset:     -1 -1 -1  0  0  0 -1  1
ThirdOffset:       0  0  1  1 -1  2  0  0
FirstOffsetClip:  -1  0 -1 -1  1 -1  1  1
SecondOffsetClip: -1 -1 -1  0  0  0 -1  1
ThirdOffsetClip:   0  0  1  1 -1  1  0  0

Block 883:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:65 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:47 S01:36 S11:49 S02:12 S12:47 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:60 S01:0 S11:13 S02:0 S12:52 ActOverall:0 Act1:3 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:2
Row:4 S0:13 S01:0 S11:26 S02:24 S12:31 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:32 S01:48 S11:32 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:55 S01:60 S11:45 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:12 S11:34 S02:72 S12:63 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:13 S01:36 S11:24 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  2  0  0  0
Diff_de:          -1  1  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  4  0  3  2  0  0
# Filtered pixels: 3  2  4  3  3  2  2  2
# Filtered P pix:  1  0  1  1  0  0  0  0
```

```
# Filtered Q pix:  0  0  1  0  1  0  0  0
FirstOffset:      -1  1 -1  0 -2 -1  0  0
SecondOffset:     -1  0 -1  0  0  1  0  1
ThirdOffset:       1  0  1 -1  1  1  2  0
FirstOffsetClip:  -1  1 -1  0 -1 -1  0  0
SecondOffsetClip: -1  0 -1  0  0  1  0  1
ThirdOffsetClip:   1  0  1 -1  1  1  1  0

Block 884:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:37 S01:0 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:57 S01:60 S11:60 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:0 S11:52 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:24 S11:21 S02:36 S12:24 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:47 S01:24 S11:16 S02:24 S12:36 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:34 S01:36 S11:39 S02:24 S12:55 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:26 S01:48 S11:42 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:0 S01:48 S11:58 S02:48 S12:45 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  4  2  3  0  0
Diff_de:           1 -1  0 -1  0 -1  0  0
Diff_c:            0  0  0  1 -1  0  0  0
Diff_f:            0  0  0 -1 -1  1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  2  3  3  0  0
# Filtered pixels: 4  3  3  3  4  3  3  2
# Filtered P pix:  1  0  1  1  1  0  0  0
# Filtered Q pix:  1  1  0  0  1  1  1  0
FirstOffset:       1 -1  1 -1  1 -1  0  0
SecondOffset:      1  1  1  0  0 -1 -1 -1
ThirdOffset:       0  1 -1  0 -1  1  0  1
FirstOffsetClip:   1 -1  1 -1  1 -1  0  0
SecondOffsetClip:  1  1  1  0  0 -1 -1 -1
ThirdOffsetClip:   0  1 -1  0 -1  1  0  1

Block 885:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:8 S01:36 S11:37 S02:12 S12:18 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:24 S11:42 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:18 S01:24 S11:42 S02:60 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
Row:4 S0:65 S01:48 S11:57 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:57 S01:72 S11:73 S02:24 S12:36 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:47 S01:0 S11:26 S02:12 S12:8 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:50 S01:12 S11:18 S02:36 S12:39 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:8 S0:21 S01:48 S11:32 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  2
Diff_de:           0  0  0  0  0  1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  3  2  3
# Filtered pixels: 2  2  2  2  2  3  2  3
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  1
FirstOffset:       0  1  0  1 -1  1  2  1
SecondOffset:     -1  0 -1 -1 -2  1  1  2
ThirdOffset:       0  0  1 -1  0 -1  0 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 886:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:18 S01:12 S11:34 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:18 S01:48 S11:32 S02:12 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:48 S11:42 S02:12 S12:47 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:12 S11:21 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:37 S01:24 S11:21 S02:24 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:26 S01:12 S11:8 S02:36 S12:63 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:18 S01:12 S11:47 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:52 S01:12 S11:60 S02:24 S12:36 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  2  0  0  2
# Filtered pixels: 2  2  2  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  0
FirstOffset:       0  0  1  1 -1  0  0 -1
SecondOffset:      0  1 -1  1 -1  0  0 -1
ThirdOffset:       0  0 -1 -1  1  1  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 887:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:39 S01:36 S11:24 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:24 S11:31 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:45 S01:36 S11:34 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:31 S01:48 S11:47 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:36 S11:24 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:32 S01:12 S11:8 S02:36 S12:34 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:12 S11:31 S02:24 S12:21 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:47 S01:12 S11:73 S02:24 S12:31 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  0  2  2  2  2
Diff_de:          -1  1 -1  0 -1  1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  2  0  3  2  0  2
# Filtered pixels: 2  2  2  2  3  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  1  0  0  0
FirstOffset:      -1  1 -2  0 -1  2  0 -1
SecondOffset:      0  0  0  1  0  1  0 -1
ThirdOffset:       1  0  1  1  1  0 -1  1
FirstOffsetClip:  -1  1 -1  0 -1  1  0 -1
SecondOffsetClip:  0  0  0  1  0  1  0 -1
ThirdOffsetClip:   1  0  1  1  1  0 -1  1

Block 888:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
```

```
Row:1 S0:49 S01:72 S11:63 S02:24 S12:36 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:16 S01:60 S11:65 S02:12 S12:31 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:0 S11:13 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:12 S11:13 S02:60 S12:60 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:48 S11:45 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:39 S01:24 S11:21 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:42 S01:36 S11:39 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:36 S11:29 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  4  2  1  3  3  3
Diff_de:           0 -1  1  1  0 -1  1  1
Diff_c:            0  0  1  0 -1  0 -1 -1
Diff_f:            1 -1 -1  0  0  1  0  0

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  0  2  0  2  3  3
# Filtered pixels: 3  3  3  3  3  3  4  4
# Filtered P pix:  0  0  1  1  0  1  1  1
# Filtered Q pix:  1  1  0  0  1  0  1  1
FirstOffset:       0 -1  0  1  0 -1  1  1
SecondOffset:      2  1  0  0 -1  0  0  0
ThirdOffset:       1  0 -1  1  0  2 -1 -1
FirstOffsetClip:   0 -1  0  1  0 -1  1  1
SecondOffsetClip:  1  1  0  0 -1  0  0  0
ThirdOffsetClip:   1  0 -1  1  0  1 -1 -1

Block 889:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:37 S01:12 S11:13 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:13 S01:0 S11:13 S02:36 S12:49 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:0 S11:39 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:24 S01:12 S11:60 S02:0 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:60 S11:45 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:55 S01:0 S11:39 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:13 S01:48 S11:58 S02:0 S12:0 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:57 S01:36 S11:34 S02:12 S12:57 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  0  2  2  0  2  0  2
Diff_de:           1  0  1  1  0 -1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  4  4  2  3  0  3
# Filtered pixels: 4  3  4  4  2  4  3  3
# Filtered P pix:  1  1  1  1  0  1  0  0
# Filtered Q pix:  1  0  1  1  0  1  1  1
FirstOffset:       1  0  1  1  1 -1  0 -1
SecondOffset:      1  0  1  1  2 -1  1  0
ThirdOffset:      -1  1 -1 -1  1  0  0  1
FirstOffsetClip:   1  0  1  1  1 -1  0 -1
SecondOffsetClip:  1  0  1  1  1 -1  1  0
ThirdOffsetClip:  -1  1 -1 -1  1  0  0  1

Block 890:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:34 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:0 S11:65 S02:0 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:16 S01:36 S11:24 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:24 S01:24 S11:21 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:0 S11:39 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:37 S01:24 S11:16 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:8 S01:0 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:36 S11:29 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  0  4  3  2  3  0  1
Diff_de:           0  0 -1 -1  1 -1  0  0
Diff_c:            0  0 -1  0  0  0  0  1
Diff_f:           -1  0  1 -1  0 -1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  4  2  0  3
# Filtered pixels: 4  4  3  3  4  3  4  3
# Filtered P pix:  1  1  0  1  1  1  1  0
# Filtered Q pix:  1  1  1  0  1  0  1  1
FirstOffset:       0  0 -1 -1  1 -1  0 -1
SecondOffset:      0  0 -1  0  1  0  0  0
ThirdOffset:       0  0  1  0 -1  0  0  1
FirstOffsetClip:   0  0 -1 -1  1 -1  0 -1
```

```
SecondOffsetClip:  0  0 -1  0  1  0  0  0
ThirdOffsetClip:   0  0  1  0 -1  0  0  1

Block 891:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:36 S11:63 S02:24 S12:36 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:36 S11:34 S02:36 S12:50 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:12 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:36 S11:29 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:49 S01:48 S11:42 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:31 S01:36 S11:34 S02:60 S12:40 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:13 S01:36 S11:39 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:8 S0:44 S01:0 S11:39 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  0  3  2  0  0  1  2
Diff_de:           0  0  1  1  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            1  0 -1  0  0  0 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  4  3  0  0  0  0
# Filtered pixels: 2  2  4  3  2  2  2  4
# Filtered P pix:  0  0  1  0  0  0  0  1
# Filtered Q pix:  0  0  1  1  0  0  0  1
FirstOffset:      -1  0  1  1  0  0  0  0
SecondOffset:      0  1  1  0  1  1  1  0
ThirdOffset:       1 -1 -1 -1  1  1 -1  0
FirstOffsetClip:  -1  0  1  1  0  0  0  0
SecondOffsetClip:  0  1  1  0  1  1  1  0
ThirdOffsetClip:   1 -1 -1 -1  1  1 -1  0

Block 892:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:34 S02:36 S12:63 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:0 S11:0 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:0 S11:13 S02:12 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:0 S11:0 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:36 S11:50 S02:48 S12:42 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:34 S01:24 S11:16 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:12 S11:44 S02:12 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:29 S01:0 S11:39 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  0  3  2  3  2  3
Diff_de:           0  0  0  1  0  1 -1 -1
Diff_c:            0  0  0  0  1  1  0  0
Diff_f:            1  1  0 -1 -1  0  0 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  3  0  4  3  3
# Filtered pixels: 3  3  4  3  2  4  4  4
# Filtered P pix:  1  1  1  1  0  1  1  1
# Filtered Q pix:  0  0  1  0  0  1  1  1
FirstOffset:       0  0  1  1  0  1 -1 -1
SecondOffset:      0  0  1  1  1  1 -1 -1
ThirdOffset:       1  1  0 -1 -1 -1  0  0
FirstOffsetClip:   0  0  1  1  0  1 -1 -1
SecondOffsetClip:  0  0  1  1  1  1 -1 -1
ThirdOffsetClip:   1  1  0 -1 -1 -1  0  0

Block 893:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:34 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:48 S11:47 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:36 S11:29 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:48 S11:37 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:48 S11:57 S02:36 S12:24 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:36 S11:34 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:39 S01:12 S11:8 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:0 S11:26 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  4  3  2  2  3  1  3
Diff_de:           0 -1  1  0  0  1  0  1
Diff_c:            1 -1  1 -1  1 -1  0  0
Diff_f:            0  1  0 -1 -1  0  1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  3  1  2  2  3  1
# Filtered pixels: 4  3  4  3  3  4  4  4
# Filtered P pix:  1  0  1  0  0  1  1  1
```

```
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  1  0 -1  1  1  0
SecondOffset:      1 -1  1 -1  1  0  1  0
ThirdOffset:       0  1  0 -1  0  0  0 -1
FirstOffsetClip:   0  0  1  0 -1  1  1  0
SecondOffsetClip:  1 -1  1 -1  1  0  1  0
ThirdOffsetClip:   0  1  0 -1  0  0  0 -1

Block 894:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:68 S01:24 S11:26 S02:48 S12:42 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:44 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:12 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:49 S01:24 S11:49 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:0 S11:52 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:12 S11:18 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:12 S11:13 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:8 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  2  1  3  2  1  1
Diff_de:           2  0 -1  0 -2  0  0  0
Diff_c:            1  0  0  1  0  1  0  0
Diff_f:            1  0  0  0  1  1 -1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  1  4  0  1  1
# Filtered pixels: 3  4  4  4  4  4  4  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  0  1  1  1  1  1  1  1
FirstOffset:       2  0 -1  0 -1  0  0  0
SecondOffset:      2  0  0  1 -1  0  0  0
ThirdOffset:       0  0  1  0  1  0 -1  1
FirstOffsetClip:   2  0 -1  0 -1  0  0  0
SecondOffsetClip:  2  0  0  1 -1  0  0  0
ThirdOffsetClip:   0  0  1  0  1  0 -1  1

Block 895:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:42 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:37 S01:48 S11:37 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:12 S11:8 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
Row:4 S0:21 S01:12 S11:13 S02:36 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:48 S11:42 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:52 S01:24 S11:36 S02:24 S12:49 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:36 S01:48 S11:62 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:57 S01:24 S11:16 S02:12 S12:47 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  2  0  3  0  2  0  1
Diff_de:           0 -1  0  1  0  0  0  0
Diff_c:            1  0  0  1  0 -1  0 -1
Diff_f:            0  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  0  3  0  3  0  4
# Filtered pixels: 4  3  4  3  3  4  3  4
# Filtered P pix:  1  0  1  1  0  1  0  1
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:       0 -1  0  1  0 -1  0 -1
SecondOffset:      1  1  0  1 -1 -1  1 -1
ThirdOffset:       0  0  0  0  0  0  0  1
FirstOffsetClip:   0 -1  0  1  0 -1  0 -1
SecondOffsetClip:  1  1  0  1 -1 -1  1 -1
ThirdOffsetClip:   0  0  0  0  0  0  0  1

Block 896:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:18 S01:0 S11:26 S02:12 S12:57 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:60 S01:12 S11:8 S02:12 S12:21 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:3 S0:13 S01:36 S11:29 S02:24 S12:49 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:68 S01:48 S11:62 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:50 S01:36 S11:54 S02:24 S12:16 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:6 S0:39 S01:12 S11:13 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:12 S11:8 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:21 S01:0 S11:26 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  2  1  2  2  0  2  3
Diff_de:           0  1  0  2  2  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0 -1  0  0  0  0  1
```

```
'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  3  2  3  3  4
# Filtered pixels: 4  4  2  3  2  3  4  4
# Filtered P pix:  1  1  0  0  0  1  1  1
# Filtered Q pix:  1  1  0  1  0  0  1  1
FirstOffset:       0  1  0  2  2 -1  1 -1
SecondOffset:      0  0  1  0  0 -1  0 -1
ThirdOffset:       0  0 -1 -1 -1  2 -1  1
FirstOffsetClip:   0  1  0  1  1 -1  1 -1
SecondOffsetClip:  0  0  1  0  0 -1  0 -1
ThirdOffsetClip:   0  0 -1 -1 -1  1 -1  1

Block 897:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:0 S02:36 S12:34 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:47 S01:12 S11:31 S02:24 S12:26 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:29 S01:0 S11:39 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:34 S01:48 S11:42 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:57 S01:12 S11:18 S02:60 S12:40 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:26 S01:24 S11:26 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:29 S01:24 S11:36 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:50 S01:12 S11:21 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  0  0  0  0  2
Diff_de:          -1 -1  1  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  2  2  0  2  4
# Filtered pixels: 3  3  3  2  3  3  2  4
# Filtered P pix:  1  1  1  0  1  0  0  1
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:      -1 -1  1 -1  1  0 -1 -2
SecondOffset:     -1 -1  1 -2  0 -1  0 -1
ThirdOffset:       0  0  0  0 -2  0  0  1
FirstOffsetClip:  -1 -1  1 -1  1  0 -1 -1
SecondOffsetClip: -1 -1  1 -1  0 -1  0 -1
ThirdOffsetClip:   0  0  0  0 -1  0  0  1

Block 898:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:39 S01:12 S11:18 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:50 S01:36 S11:44 S02:24 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:26 S01:36 S11:39 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:24 S11:31 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:65 S01:0 S11:26 S02:48 S12:57 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:24 S11:29 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:12 S11:73 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:70 S01:36 S11:39 S02:36 S12:54 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  4  1  3  2  3  1  4
Diff_de:           1  2  0  1 -1 -1  0  1
Diff_c:            1 -1 -1 -1  0  0  0  1
Diff_f:            1 -1  0  0  0  1 -1  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  2  3  3  1  2
# Filtered pixels: 4  3  3  4  3  4  4  2
# Filtered P pix:  1  0  0  1  1  1  1  0
# Filtered Q pix:  1  1  1  1  0  1  1  0
FirstOffset:       1  2  0  1 -1 -1  0  1
SecondOffset:      1  0 -1  0 -1  0  0  1
ThirdOffset:       0 -2 -1  0  2  1 -1  0
FirstOffsetClip:   1  2  0  1 -1 -1  0  1
SecondOffsetClip:  1  0 -1  0 -1  0  0  1
ThirdOffsetClip:   0 -1 -1  0  1  1 -1  0

Block 899:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:49 S01:60 S11:45 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:8 S01:12 S11:18 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:24 S01:12 S11:31 S02:24 S12:55 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:8 S01:36 S11:37 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:12 S11:31 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:47 S01:48 S11:32 S02:24 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:12 S11:70 S02:60 S12:40 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:18 S01:12 S11:60 S02:12 S12:8 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  2  3  0  1  3  2  0
Diff_de:           0  0  1  0  0  1 -1  0
Diff_c:            0 -1  0  0  0  0  0  0
Diff_f:            0 -1  1  0  1 -1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  0  2  2  0
# Filtered pixels: 2  4  3  3  3  2  3  4
# Filtered P pix:  0  1  1  0  1  0  1  1
# Filtered Q pix:  0  1  0  1  0  0  0  1
FirstOffset:       0  0  1  0  0  1 -1  0
SecondOffset:     -1  0  0  1  0 -1  0  0
ThirdOffset:      -1  0  0  0  1 -1 -1  0
FirstOffsetClip:   0  0  1  0  0  1 -1  0
SecondOffsetClip: -1  0  0  1  0 -1  0  0
ThirdOffsetClip:  -1  0  0  0  1 -1 -1  0

Block 900:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:24 S11:16 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:57 S01:24 S11:21 S02:72 S12:53 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:44 S01:48 S11:32 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:12 S11:8 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:12 S11:13 S02:12 S12:8 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:6 S0:26 S01:24 S11:31 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:0 S01:24 S11:36 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:0 S11:0 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  0  0  0  2  1  2
Diff_de:          -1 -1  0  0  0  0  0 -1
Diff_c:           -1  0  0  0  0 -1 -1  0
Diff_f:            0  0  0  0  0  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  2  0  0  4
# Filtered pixels: 3  2  3  3  4  2  2  4
# Filtered P pix:  0  0  0  1  1  0  0  1
# Filtered Q pix:  1  0  1  0  1  0  0  1
FirstOffset:      -1 -1  0  0  1  0  0 -1
SecondOffset:     -1 -1  1  0  0 -1 -1 -1
ThirdOffset:       1 -1  0 -1  0  1  1  1
FirstOffsetClip:  -1 -1  0  0  1  0  0 -1
```

```
SecondOffsetClip: -1 -1  1  0  0 -1 -1 -1
ThirdOffsetClip:   1 -1  0 -1  0  1  1  1

Block 901:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:44 S01:12 S11:8 S02:36 S12:37 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:31 S01:12 S11:31 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:0 S01:24 S11:26 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:12 S11:31 S02:48 S12:52 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:18 S01:48 S11:45 S02:48 S12:62 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:34 S01:24 S11:16 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:12 S11:44 S02:48 S12:37 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  1  3  2  3  0  4  1
Diff_de:           0  0  1  0  1  0 -1  0
Diff_c:            0 -1  0 -1  1  0 -1  0
Diff_f:            1  0 -1 -1  0  0 -1 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  0  3  0
# Filtered pixels: 3  4  3  4  3  2  3  3
# Filtered P pix:  1  1  1  1  1  0  1  1
# Filtered Q pix:  0  1  0  1  0  0  0  0
FirstOffset:       0  0  0  0  0  0 -1  0
SecondOffset:      0  0  0 -1  0 -1 -1  0
ThirdOffset:       1  0 -1 -1  1  1  0 -1
FirstOffsetClip:   0  0  0  0  0  0 -1  0
SecondOffsetClip:  0  0  0 -1  0 -1 -1  0
ThirdOffsetClip:   1  0 -1 -1  1  1  0 -1

Block 902:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:44 S01:12 S11:8 S02:60 S12:50 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:29 S01:12 S11:34 S02:12 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:36 S11:29 S02:12 S12:60 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:26 S01:12 S11:8 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:36 S11:39 S02:12 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:63 S01:60 S11:40 S02:36 S12:24 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:32 S01:0 S11:52 S02:12 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:24 S11:21 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  0
Diff_de:           0  0  0 -1  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  0  2  3  2
# Filtered pixels: 2  2  2  3  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0 -1 -1  0  0 -2  2 -1
SecondOffset:      0 -1 -1  0  1  0  1  0
ThirdOffset:       1  0  0  0  0  0 -1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 903:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:49 S02:36 S12:24 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:49 S01:36 S11:44 S02:60 S12:53 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:12 S11:44 S02:36 S12:49 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:29 S01:48 S11:42 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:0 S11:13 S02:24 S12:16 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:32 S01:0 S11:39 S02:36 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:12 S11:18 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:0 S11:13 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  3  3  3  1  3
Diff_de:           0  0 -1 -1  1 -1  0 -1
Diff_c:           -1  1  0  0  0  0 -1  0
Diff_f:           -1  0 -1  1  1 -1  0  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  2  3  3  3  0  4
# Filtered pixels: 3  2  3  3  4  3  4  4
# Filtered P pix:  1  0  1  0  1  1  1  1
```

```
# Filtered Q pix:  0  0  0  1  1  0  1  1
FirstOffset:       0  0 -1 -1  1 -2  0 -1
SecondOffset:     -1  1  0  1  1 -1  0 -1
ThirdOffset:      -1  1  0  1  0  0  0  1
FirstOffsetClip:   0  0 -1 -1  1 -2  0 -1
SecondOffsetClip: -1  1  0  1  1 -1  0 -1
ThirdOffsetClip:  -1  1  0  1  0  0  0  1

Block 904:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:39 S01:60 S11:55 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:24 S11:36 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:44 S01:0 S11:0 S02:36 S12:29 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:24 S11:31 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:24 S11:26 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:29 S01:24 S11:31 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:31 S01:24 S11:42 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:55 S01:36 S11:29 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  0  2  0  2
# Filtered pixels: 2  3  3  2  3  2  2  2
# Filtered P pix:  0  0  1  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  1  0  0  0
FirstOffset:       1  1  0  0  0  1  0 -1
SecondOffset:     -1  0  0  1  1  0  1 -1
ThirdOffset:       0 -1 -1  1  0  0  1 -1
FirstOffsetClip:   1  1  0  0  0  1  0 -1
SecondOffsetClip: -1  0  0  1  1  0  1 -1
ThirdOffsetClip:   0 -1 -1  1  0  0  1 -1

Block 905:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:47 S01:48 S11:42 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:37 S01:12 S11:13 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:49 S01:12 S11:70 S02:24 S12:36 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
```

```
ActEdge:0 ClipEdge:0
Row:4 S0:34 S01:24 S11:26 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:0 S11:13 S02:12 S12:8 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:31 S01:24 S11:26 S02:48 S12:52 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:0 S11:26 S02:12 S12:13 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:8 S0:47 S01:36 S11:24 S02:0 S12:13 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  2  0  0  2  2
Diff_de:          -1  0  0 -1  0  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  3  0  0  3  3
# Filtered pixels: 3  2  2  3  3  2  3  3
# Filtered P pix:  0  0  0  0  1  0  1  0
# Filtered Q pix:  1  0  0  1  0  0  0  1
FirstOffset:      -1 -1  0 -1  0  0 -1 -1
SecondOffset:     -2  0  0  0  0 -1 -1  0
ThirdOffset:       1  0  1  1  0 -1  0  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 906:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:32 S01:12 S11:21 S02:36 S12:29 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:50 S01:36 S11:24 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:24 S11:26 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:0 S11:26 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:24 S01:0 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:42 S01:36 S11:34 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:24 S11:29 S02:24 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:36 S11:39 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 4  3  4  3  2  3  3  2
Diff_de:          -1 -2 -1 -1  1 -1  1  1
Diff_c:           -1  1  1  0  0  1  0  0
Diff_f:           -1  0 -1 -1  0  0 -1  0
```

```
'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  3  3  2  3  2
# Filtered pixels: 3  2  4  4  4  3  4  3
# Filtered P pix:  1  0  1  1  1  0  1  0
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:      -2 -2 -1 -1  1 -1  1  1
SecondOffset:     -1  0  0 -1  1  0  0  0
ThirdOffset:       0  0  0  0  0  0 -1  0
FirstOffsetClip:  -1 -1 -1 -1  1 -1  1  1
SecondOffsetClip: -1  0  0 -1  1  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0 -1  0

Block 907:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:44 S01:60 S11:53 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:8 S01:0 S11:13 S02:24 S12:29 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:34 S01:48 S11:42 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:49 S01:0 S11:39 S02:12 S12:73 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:29 S01:36 S11:54 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:13 S01:24 S11:29 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:52 S01:36 S11:34 S02:60 S12:53 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:65 S01:48 S11:42 S02:48 S12:42 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  0  2  0  2  2
# Filtered pixels: 2  3  2  3  2  2  2  2
# Filtered P pix:  0  1  0  1  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0  0  1  0 -1  0 -1  1
SecondOffset:      1  0  2  0  0  1  0 -1
ThirdOffset:       1  1  0  0  0 -1  2 -2
FirstOffsetClip:   0  0  1  0 -1  0 -1  1
SecondOffsetClip:  1  0  1  0  0  1  0 -1
ThirdOffsetClip:   1  1  0  0  0 -1  1 -1

Block 908:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:48 S11:52 S02:24 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:0 S11:26 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:24 S11:49 S02:12 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:16 S01:12 S11:31 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
Row:5 S0:31 S01:60 S11:60 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:50 S01:24 S11:31 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:50 S01:12 S11:70 S02:12 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:29 S01:12 S11:34 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  2  2  2
Diff_de:           0  0  0 -1  0  1 -2  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  3  4  2
# Filtered pixels: 2  4  3  4  2  3  4  3
# Filtered P pix:  0  1  0  1  0  0  1  1
# Filtered Q pix:  0  1  1  1  0  1  1  0
FirstOffset:       0  0  0 -1  0  2 -2  1
SecondOffset:      1  0  1  0  1  1 -1  0
ThirdOffset:      -1  0  0  0  1 -1  1  0
FirstOffsetClip:   0  0  0 -1  0  1 -1  1
SecondOffsetClip:  1  0  1  0  1  1 -1  0
ThirdOffsetClip:  -1  0  0  0  1 -1  1  0

Block 909:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:49 S01:24 S11:36 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:0 S11:13 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:21 S01:12 S11:18 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:36 S01:48 S11:37 S02:48 S12:57 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:0 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:29 S01:12 S11:21 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:18 S01:24 S11:21 S02:36 S12:49 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  2  0  0  3  2  1
Diff_de:           0  1  0  0  0  1 -1  0
Diff_c:            1  0 -1  0  0  1  0  1
Diff_f:            0  0  1  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  2  0  0  4  4  0
# Filtered pixels: 2  4  3  2  4  4  4  2
# Filtered P pix:  0  1  1  0  1  1  1  0
# Filtered Q pix:  0  1  0  0  1  1  1  0
FirstOffset:       0  1  1  0  0  1 -1  0
SecondOffset:      1  1  0  1  0  1 -1  1
ThirdOffset:       1 -1  0  1  0 -1  1 -1
FirstOffsetClip:   0  1  1  0  0  1 -1  0
SecondOffsetClip:  1  1  0  1  0  1 -1  1
ThirdOffsetClip:   1 -1  0  1  0 -1  1 -1

Block 910:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:34 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:65 S01:12 S11:44 S02:12 S12:60 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:42 S01:12 S11:34 S02:36 S12:24 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:57 S01:24 S11:31 S02:60 S12:55 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:70 S01:24 S11:16 S02:48 S12:57 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:6 S0:26 S01:24 S11:21 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:37 S01:12 S11:13 S02:24 S12:29 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:37 S01:36 S11:44 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  2  2  0
Diff_de:           0  0  1  0  0  1  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  2  2  0  2  2
# Filtered pixels: 2  2  2  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       0 -1  1  1  1  0  1  1
SecondOffset:     -1 -1  0  1  1 -1  0  0
ThirdOffset:      -1  1  0  1  1  0  0  1
FirstOffsetClip:   0 -1  1  1  1  0  1  1
```

```
SecondOffsetClip: -1 -1  0  1  1 -1  0  0
ThirdOffsetClip:  -1  1  0  1  1  0  0  1

Block 911:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:26 S02:0 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:34 S01:12 S11:13 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:21 S01:60 S11:50 S02:24 S12:16 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:36 S11:24 S02:48 S12:52 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:13 S01:36 S11:39 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:78 S01:48 S11:62 S02:0 S12:26 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:7 S0:21 S01:36 S11:24 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:18 S01:36 S11:44 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  0  0  0  0  0  0
Diff_de:           0 -1  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  2  0  0  3  2  0
# Filtered pixels: 3  3  2  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  1  1  0  0  0  1  0  0
FirstOffset:       0 -1  1  0  0  1 -1  0
SecondOffset:      1  0 -1 -1 -1 -1 -1 -1
ThirdOffset:       0  1  0  1  1 -1  1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 912:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:42 S01:24 S11:16 S02:24 S12:31 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:24 S01:24 S11:21 S02:24 S12:55 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:36 S01:0 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:36 S11:39 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:36 S11:34 S02:48 S12:57 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:47 S01:24 S11:29 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:0 S11:13 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:8 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  3  0  4  1  3  2  3
Diff_de:          -1 -1  0 -1  0 -1  1 -1
Diff_c:            1  0  0 -1 -1  1  0 -1
Diff_f:           -1  1  0  1  0  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  1  0  3  4  4
# Filtered pixels: 4  4  4  3  2  4  4  4
# Filtered P pix:  1  1  1  0  0  1  1  1
# Filtered Q pix:  1  1  1  1  0  1  1  1
FirstOffset:      -1 -1  0  0  0 -1  1 -1
SecondOffset:      0  0  0 -1 -1  0  1 -1
ThirdOffset:       0  1  0  1 -1  1 -1  1
FirstOffsetClip:  -1 -1  0  0  0 -1  1 -1
SecondOffsetClip:  0  0  0 -1 -1  0  1 -1
ThirdOffsetClip:   0  1  0  1 -1  1 -1  1

Block 913:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:31 S01:48 S11:58 S02:48 S12:45 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:37 S01:48 S11:52 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:36 S11:29 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:13 S01:24 S11:29 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:0 S01:12 S11:21 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:24 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:60 S01:60 S11:60 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:44 S01:12 S11:44 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  1  1  0  4  2  2
Diff_de:           0 -2  0  0  0 -1 -1  0
Diff_c:           -1  1 -1 -1  0  1  0  1
Diff_f:           -1  0  0  0  0  1  0  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  1  1  0  3  3  0
# Filtered pixels: 2  2  4  4  4  4  3  3
# Filtered P pix:  0  0  1  1  1  1  0  1
```

```
# Filtered Q pix:  0  0  1  1  1  1  1  0
FirstOffset:       0 -1  0  0  0 -1 -1  0
SecondOffset:     -1  1 -1 -1  0  0 -2  0
ThirdOffset:      -1 -1  0  0  0  1  1  1
FirstOffsetClip:   0 -1  0  0  0 -1 -1  0
SecondOffsetClip: -1  1 -1 -1  0  0 -1  0
ThirdOffsetClip:  -1 -1  0  0  0  1  1  1

Block 914:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:16 S01:48 S11:52 S02:24 S12:36 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:24 S11:21 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:13 S01:60 S11:55 S02:12 S12:21 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:54 S01:12 S11:13 S02:36 S12:49 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:12 S11:18 S02:12 S12:21 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:6 S0:31 S01:36 S11:29 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:36 S11:24 S02:24 S12:16 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:24 S11:16 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  0
Diff_de:           0  0  0  0  0  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  0  0  2  0
# Filtered pixels: 2  2  3  3  4  2  2  3
# Filtered P pix:  0  0  0  1  1  0  0  0
# Filtered Q pix:  0  0  1  0  1  0  0  1
FirstOffset:      -1 -1  0  0  0  0 -1  0
SecondOffset:     -2 -1  1  0  0 -1  0  1
ThirdOffset:       1  0  0  1  0 -1  1  0
FirstOffsetClip:  -1 -1  0  0  0  0 -1  0
SecondOffsetClip: -1 -1  1  0  0 -1  0  1
ThirdOffsetClip:   1  0  0  1  0 -1  1  0

Block 915:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:73 S01:24 S11:31 S02:36 S12:39 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:34 S01:0 S11:0 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:12 S11:8 S02:12 S12:73 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:24 S11:16 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:39 S01:36 S11:24 S02:60 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:55 S01:12 S11:8 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:65 S01:24 S11:26 S02:60 S12:55 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:18 S01:36 S11:34 S02:24 S12:55 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  3  4  2  3  4  1
Diff_de:           1  1  1  1  0  1  1  0
Diff_c:           -1  1  1  1  1  0  1 -1
Diff_f:           -1 -1  0 -1 -1  1  1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  4  4  4  2  2  3  2
# Filtered pixels: 4  4  4  4  3  3  3  4
# Filtered P pix:  1  1  1  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  0  0  0  1
FirstOffset:       1  1  1  1 -1  1  1  0
SecondOffset:      0  1  1  1  0  0  1 -1
ThirdOffset:      -1 -1 -1 -1 -1  1  1  1
FirstOffsetClip:   1  1  1  1 -1  1  1  0
SecondOffsetClip:  0  1  1  1  0  0  1 -1
ThirdOffsetClip:  -1 -1 -1 -1 -1  1  1  1

Block 916:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:34 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:18 S01:0 S11:39 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:55 S01:24 S11:21 S02:24 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:13 S01:24 S11:16 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:12 S11:8 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:21 S01:36 S11:39 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:48 S11:37 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:18 S01:12 S11:8 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  0  4  2  4  4  2  0
Diff_de:          -1  0 -1  0 -1  1  0  0
Diff_c:           -1  0  1  1 -1  1 -1  0
Diff_f:            1  0 -1  1  1 -1 -1  0
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  2  1  0  3  0  0
# Filtered pixels: 3  4  4  4  3  3  2  4
# Filtered P pix:  1  1  1  1  1  0  0  1
# Filtered Q pix:  0  1  1  1  0  1  0  1
FirstOffset:      -1  0 -1  0  0  1  0  0
SecondOffset:     -1  0  0  1  0  1 -1  0
ThirdOffset:       1  0  0  0  1 -1 -1  0
FirstOffsetClip:  -1  0 -1  0  0  1  0  0
SecondOffsetClip: -1  0  0  1  0  1 -1  0
ThirdOffsetClip:   1  0  0  0  1 -1 -1  0

Block 917:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:16 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:31 S01:60 S11:50 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:48 S11:45 S02:36 S12:39 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:42 S01:36 S11:37 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:40 S01:48 S11:57 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:70 S01:72 S11:68 S02:36 S12:44 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:42 S01:60 S11:50 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:39 S01:36 S11:34 S02:12 S12:31 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0  1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  2  2  2  2  2
# Filtered pixels: 2  2  2  2  2  2  3  3
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  1  1
FirstOffset:      -1  0  0 -1  2 -1  1 -1
SecondOffset:      0  1  1  0  0  1 -1 -1
ThirdOffset:       0 -1  1  1  0  1  0  0
FirstOffsetClip:  -1  0  0 -1  1 -1  1 -1
SecondOffsetClip:  0  1  1  0  0  1 -1 -1
ThirdOffsetClip:   0 -1  1  1  0  1  0  0

Block 918:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:32 S01:36 S11:29 S02:72 S12:53 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:12 S11:31 S02:36 S12:39 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:42 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:12 S11:18 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:0 S11:78 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:48 S11:45 S02:60 S12:60 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:39 S01:0 S11:0 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:36 S11:37 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  3  3  3  1  0  3  1
Diff_de:          -2 -2  1 -1  0  0 -1  0
Diff_c:            1  0 -1  0  0  0 -1 -1
Diff_f:            0 -1  0  1  1  0  0  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  3  1  0  4  0
# Filtered pixels: 2  3  4  4  4  2  4  3
# Filtered P pix:  0  1  1  1  1  0  1  0
# Filtered Q pix:  0  0  1  1  1  0  1  1
FirstOffset:      -2 -2  1 -1  0  0 -1  0
SecondOffset:      0 -1  0  0  0 -1 -1 -1
ThirdOffset:      -1  0  0  1  1 -1  1  0
FirstOffsetClip:  -2 -2  1 -1  0  0 -1  0
SecondOffsetClip:  0 -1  0  0  0 -1 -1 -1
ThirdOffsetClip:  -1  0  0  1  1 -1  1  0

Block 919:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:52 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:18 S01:24 S11:21 S02:60 S12:40 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:37 S01:60 S11:50 S02:60 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:65 S01:60 S11:40 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:52 S01:12 S11:57 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:55 S01:36 S11:49 S02:36 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:34 S01:60 S11:55 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:8 S01:12 S11:18 S02:36 S12:63 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  2  0
Diff_de:           0  0  0  0 -1  0 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  2  4  2  3  0
# Filtered pixels: 3  2  2  2  4  2  3  3
# Filtered P pix:  0  0  0  0  1  0  0  1
# Filtered Q pix:  1  0  0  0  1  0  1  0
FirstOffset:       0  0  1 -1 -1  1 -1  0
SecondOffset:     -1  1 -1 -2 -1  0  1  0
ThirdOffset:       0  1  1  0  1 -1  1 -1
FirstOffsetClip:   0  0  1 -1 -1  1 -1  0
SecondOffsetClip: -1  1 -1 -1 -1  0  1  0
ThirdOffsetClip:   0  1  1  0  1 -1  1 -1

Block 920:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:47 S01:24 S11:26 S02:12 S12:34 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:44 S01:24 S11:31 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:55 S01:24 S11:49 S02:36 S12:29 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:47 S01:48 S11:47 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:36 S01:36 S11:39 S02:60 S12:45 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:24 S11:26 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:24 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:24 S11:16 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  4  2  1  2  2  4
Diff_de:          -1  0 -1  1  0  0  0 -1
Diff_c:            1  1  1  0 -1 -1 -1 -1
Diff_f:            0  0 -1  0  0  1 -1  1

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  2  3  0  1  2  1
# Filtered pixels: 4  3  3  3  2  3  4  3
# Filtered P pix:  1  1  1  0  0  1  1  1
# Filtered Q pix:  1  0  0  1  0  0  1  0
FirstOffset:      -1  0 -1  1  0  0  0  0
SecondOffset:      0  1  0  2 -1 -1 -1 -1
ThirdOffset:       0  1  0 -1 -1  1 -1  1
FirstOffsetClip:  -1  0 -1  1  0  0  0  0
```

```
SecondOffsetClip:  0  1  0  1 -1 -1 -1 -1
ThirdOffsetClip:   0  1  0 -1 -1  1 -1  1

Block 921:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:60 S01:12 S11:31 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:36 S11:29 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:8 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:48 S11:32 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:24 S11:29 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:44 S01:0 S11:26 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:8 S01:60 S11:45 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  1  2  0  1  2  4
Diff_de:           1  0  0  0  0  0  1 -1
Diff_c:            0 -1  0  1  0  0  0 -1
Diff_f:           -1  1 -1  1  0  1  0  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  0  3  1  1  2  1
# Filtered pixels: 4  4  4  3  4  4  4  3
# Filtered P pix:  1  1  1  0  1  1  1  0
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  0  0 -1  0  0  1  0
SecondOffset:      0 -1  0  1 -1  0  0 -1
ThirdOffset:      -1  0  0  1  0  1  0  1
FirstOffsetClip:   1  0  0 -1  0  0  1  0
SecondOffsetClip:  0 -1  0  1 -1  0  0 -1
ThirdOffsetClip:  -1  0  0  1  0  1  0  1

Block 922:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:34 S01:12 S11:18 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:16 S01:12 S11:73 S02:24 S12:21 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:45 S01:24 S11:16 S02:12 S12:18 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:4 S0:36 S01:24 S11:21 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:55 S01:12 S11:8 S02:24 S12:49 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
```

```
Row:6 S0:42 S01:60 S11:60 S02:24 S12:21 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:49 S01:60 S11:60 S02:12 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:32 S01:36 S11:24 S02:60 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  3  2  1  2  3  2  2
Diff_de:           0 -1  1  0  1 -1 -1  1
Diff_c:            0  0  0 -1  0  0  0  0
Diff_f:            0 -1  0  0  0 -1  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  3  0  2  2  0  2
# Filtered pixels: 4  3  3  2  3  2  3  2
# Filtered P pix:  1  1  0  0  1  0  0  0
# Filtered Q pix:  1  0  1  0  0  0  1  0
FirstOffset:       1 -1  2  0  1 -1  0  2
SecondOffset:      1 -1  2 -1  0  1 -1  0
ThirdOffset:      -1  0 -1 -1  0  0  0  0
FirstOffsetClip:   1 -1  1  0  1 -1  0  1
SecondOffsetClip:  1 -1  1 -1  0  1 -1  0
ThirdOffsetClip:  -1  0 -1 -1  0  0  0  0

Block 923:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:47 S01:0 S11:39 S02:36 S12:34 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:24 S11:31 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:24 S11:31 S02:24 S12:36 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:12 S11:8 S02:0 S12:65 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:44 S01:12 S11:60 S02:60 S12:40 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:31 S01:12 S11:18 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:70 S01:12 S11:31 S02:12 S12:13 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:8 S0:49 S01:36 S11:34 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  4  0  2  1  2  1
Diff_de:           1  0 -1  0  1  0  1  0
Diff_c:            0 -1  1  0  0  0  0  1
Diff_f:           -1  0 -1  0  0  1  0  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  2  3  0  0  3  0
# Filtered pixels: 3  3  4  4  3  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  0
```

```
# Filtered Q pix:  0  0  1  1  0  1  1  1
FirstOffset:       1  0 -1 -1  0  0  1  0
SecondOffset:      1 -1  0  0  0  0  0  1
ThirdOffset:      -1  1  0  1 -1  0 -1  0
FirstOffsetClip:   1  0 -1 -1  0  0  1  0
SecondOffsetClip:  1 -1  0  0  0  0  0  1
ThirdOffsetClip:  -1  1  0  1 -1  0 -1  0

Block 924:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:21 S01:48 S11:52 S02:24 S12:26 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:36 S11:29 S02:0 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:60 S11:60 S02:60 S12:65 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:37 S01:0 S11:39 S02:60 S12:45 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:48 S11:57 S02:24 S12:29 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:24 S11:26 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:34 S02:12 S12:34 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:34 S01:12 S11:34 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  0  2  1  2  0  2
Diff_de:          -1  1  0  1  0  0  0 -1
Diff_c:            0  0  0  0  0 -1  0  0
Diff_f:           -1  0  0  0 -1  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  3  0  2  0  3
# Filtered pixels: 2  3  2  3  2  2  4  3
# Filtered P pix:  0  0  0  1  0  0  1  1
# Filtered Q pix:  0  1  0  0  0  0  1  0
FirstOffset:      -1  1  1  1  0  1  0 -1
SecondOffset:      1  0 -1  1 -1  0  0 -1
ThirdOffset:       0 -1  1  1 -1  0  0 -1
FirstOffsetClip:  -1  1  1  1  0  1  0 -1
SecondOffsetClip:  1  0 -1  1 -1  0  0 -1
ThirdOffsetClip:   0 -1  1  1 -1  0  0 -1

Block 925:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:8 S01:24 S11:29 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:42 S01:36 S11:24 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:62 S01:60 S11:65 S02:24 S12:36 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:2
Row:4 S0:18 S01:12 S11:18 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:12 S11:73 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:72 S11:58 S02:48 S12:58 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:44 S01:48 S11:32 S02:36 S12:39 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  3  1  1  0  0  2  4
Diff_de:           1  1  0  0  0  0 -1 -1
Diff_c:            1 -1  0 -1  0  0  0  1
Diff_f:           -1  0 -1  0  0  0  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  2  1  0  0  0  2  0
# Filtered pixels: 3  3  3  3  3  4  2  2
# Filtered P pix:  1  0  0  1  0  1  0  0
# Filtered Q pix:  0  1  1  0  1  1  0  0
FirstOffset:       0  1  0  0  0  0 -1  0
SecondOffset:      1  0 -1  0  1  0  1  1
ThirdOffset:      -1  0 -1  1  0  0  2  1
FirstOffsetClip:   0  1  0  0  0  0 -1  0
SecondOffsetClip:  1  0 -1  0  1  0  1  1
ThirdOffsetClip:  -1  0 -1  1  0  0  1  1

Block 926:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:42 S02:24 S12:29 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:40 S01:0 S11:13 S02:48 S12:32 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:24 S11:29 S02:48 S12:52 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:26 S01:24 S11:21 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:24 S11:31 S02:24 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:21 S01:24 S11:16 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:65 S01:48 S11:37 S02:60 S12:40 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:0 S11:39 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  3  1  4  4  2  3
Diff_de:          -1 -2 -1  0  1 -1 -1 -1
Diff_c:            0  0 -1  1 -1 -1  0  0
Diff_f:            1  0  0  0 -1  1  0  1
```

```
'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  0  2  2  2  3
# Filtered pixels: 2  3  2  3  2  2  2  3
# Filtered P pix:  0  1  0  0  0  0  0  1
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0 -2  0  0  1 -1 -1 -1
SecondOffset:      1 -1 -1  1  0 -1 -2 -1
ThirdOffset:       1  0 -1  0 -1  1 -1  1
FirstOffsetClip:   0 -1  0  0  1 -1 -1 -1
SecondOffsetClip:  1 -1 -1  1  0 -1 -1 -1
ThirdOffsetClip:   1  0 -1  0 -1  1 -1  1

Block 927:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:42 S01:0 S11:13 S02:24 S12:29 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:21 S01:48 S11:42 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:49 S01:0 S11:65 S02:24 S12:49 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:31 S01:36 S11:37 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:29 S01:60 S11:55 S02:24 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:16 S01:0 S11:26 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:24 S11:42 S02:12 S12:57 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:31 S01:12 S11:44 S02:12 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  1  0  3  2  3  1
Diff_de:           1  1  0  0  1  1  1  0
Diff_c:            0  0  0  0  0  0  1  0
Diff_f:            1  0 -1  0  1  0  0  1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  0  2  4  3  0
# Filtered pixels: 4  3  4  3  3  4  4  4
# Filtered P pix:  1  0  1  0  0  1  1  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       1  1  0  0  1  1  1  0
SecondOffset:      1 -1  0 -1 -1  1  1  0
ThirdOffset:       0 -1 -1  0  0 -1  0  0
FirstOffsetClip:   1  1  0  0  1  1  1  0
SecondOffsetClip:  1 -1  0 -1 -1  1  1  0
ThirdOffsetClip:   0 -1 -1  0  0 -1  0  0

Block 928:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
```

```
Row:1 S0:34 S01:0 S11:52 S02:36 S12:24 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:0 S01:60 S11:50 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:60 S01:24 S11:21 S02:48 S12:52 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:39 S01:12 S11:21 S02:12 S12:44 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:40 S01:0 S11:65 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:37 S01:0 S11:52 S02:36 S12:29 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:37 S01:12 S11:8 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:36 S01:12 S11:18 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  2  3  2  2  3  2  0
Diff_de:           1  1  1  1  2 -1  2  0
Diff_c:            0  0  1  0  0  0  0  0
Diff_f:            1  0  0  0  0 -1  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  2  3  3  3  0
# Filtered pixels: 3  3  3  4  3  3  4  3
# Filtered P pix:  1  0  1  1  1  1  1  1
# Filtered Q pix:  0  1  0  1  0  0  1  0
FirstOffset:       1  0  1  1  2 -1  1  0
SecondOffset:      1 -1  1  0  1 -1  0  0
ThirdOffset:       0  0  1  0  0  0 -1 -1
FirstOffsetClip:   1  0  1  1  1 -1  1  0
SecondOffsetClip:  1 -1  1  0  1 -1  0  0
ThirdOffsetClip:   0  0  1  0  0  0 -1 -1

Block 929:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:52 S01:0 S11:52 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:29 S01:24 S11:26 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:50 S01:36 S11:24 S02:24 S12:21 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:18 S01:12 S11:8 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:24 S11:36 S02:24 S12:29 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:36 S11:39 S02:12 S12:21 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:18 S01:0 S11:52 S02:36 S12:34 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:29 S01:36 S11:34 S02:24 S12:55 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  4  1  1  2  2  3
Diff_de:          -1 -1  1  0  0 -1 -1 -1
Diff_c:            0  1 -1  0 -1  0  0  0
Diff_f:            0  0 -1 -1  0  0  0 -1

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  1  2  0  0  2
# Filtered pixels: 3  4  3  4  4  3  3  3
# Filtered P pix:  1  1  0  1  1  0  1  0
# Filtered Q pix:  0  1  1  1  1  1  0  1
FirstOffset:      -1 -1  2  0  0  0  0 -1
SecondOffset:     -1  0  0  0 -1 -1  0  0
ThirdOffset:      -1  0 -2 -1 -1  0 -1  0
FirstOffsetClip:  -1 -1  1  0  0  0  0 -1
SecondOffsetClip: -1  0  0  0 -1 -1  0  0
ThirdOffsetClip:  -1  0 -1 -1 -1  0 -1  0

Block 930:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:57 S01:24 S11:26 S02:12 S12:57 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:45 S01:48 S11:52 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:0 S11:0 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:34 S01:36 S11:50 S02:24 S12:31 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:24 S01:12 S11:8 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:78 S01:72 S11:68 S02:36 S12:54 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:26 S01:0 S11:39 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:65 S01:12 S11:18 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 1  2  3  4  3  2  3  2
Diff_de:           0 -2  1  1  1 -1 -1  1
Diff_c:           -1  0  0 -1  0  0  0  0
Diff_f:            0  0 -1 -1 -1  0  1  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  3  3  3  2  1  2
# Filtered pixels: 4  3  3  3  4  2  4  3
# Filtered P pix:  1  0  1  0  1  0  1  1
# Filtered Q pix:  1  1  0  1  1  0  1  0
FirstOffset:       1 -2  1  1  1 -1  0  1
SecondOffset:      0  0  1  0  0 -2  0  0
ThirdOffset:      -1  1 -1 -1 -1  0  1 -2
FirstOffsetClip:   1 -2  1  1  1 -1  0  1
```

```
SecondOffsetClip:  0  0  1  0  0 -1  0  0
ThirdOffsetClip:  -1  1 -1 -1 -1  0  1 -1

Block 931:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:21 S01:48 S11:45 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:12 S11:34 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:29 S01:24 S11:42 S02:36 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:45 S01:60 S11:55 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:31 S01:12 S11:44 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:55 S01:12 S11:44 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:60 S01:60 S11:60 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:21 S01:0 S11:65 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  4  3  2  2  2  3
Diff_de:           1  1 -1 -1  0 -1 -1  1
Diff_c:            1  0 -1  0  1  0  0  0
Diff_f:            0  0 -1  1  1  0  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  3  1  2  3  4
# Filtered pixels: 3  3  4  3  4  4  3  4
# Filtered P pix:  0  1  1  0  1  1  0  1
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:       1  0 -1 -2  0 -1 -1  1
SecondOffset:      2  0 -1  0  0  0 -2  1
ThirdOffset:      -1  1  0  1  1  0  1 -1
FirstOffsetClip:   1  0 -1 -2  0 -1 -1  1
SecondOffsetClip:  1  0 -1  0  0  0 -1  1
ThirdOffsetClip:  -1  1  0  1  1  0  1 -1

Block 932:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:21 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:49 S01:36 S11:44 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:0 S01:12 S11:34 S02:12 S12:60 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:55 S01:60 S11:65 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:13 S01:12 S11:31 S02:12 S12:47 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
```

```
Row:6 S0:21 S01:24 S11:21 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:44 S01:60 S11:45 S02:48 S12:45 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:68 S01:12 S11:47 S02:48 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 1  2  0  3  2  3  0  2
Diff_de:           0 -1  0  1 -1  1  0 -2
Diff_c:            1  0  0  0  0 -1  0  0
Diff_f:            0  0  0 -1  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  0  3  0  3
# Filtered pixels: 2  3  4  2  4  3  2  3
# Filtered P pix:  0  0  1  0  1  0  0  1
# Filtered Q pix:  0  1  1  0  1  1  0  0
FirstOffset:       0  0  0  1  0  1  0 -2
SecondOffset:      1  1  0 -1  0  0 -1 -1
ThirdOffset:       1  0  0 -1  0 -1 -1  0
FirstOffsetClip:   0  0  0  1  0  1  0 -1
SecondOffsetClip:  1  1  0 -1  0  0 -1 -1
ThirdOffsetClip:   1  0  0 -1  0 -1 -1  0

Block 933:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:47 S01:36 S11:37 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:39 S01:36 S11:49 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:12 S11:8 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:39 S01:12 S11:18 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:49 S01:36 S11:24 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:45 S01:0 S11:52 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:48 S11:37 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:52 S01:24 S11:29 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  3  1  2  4  3
Diff_de:          -1  0  0 -1  0  2  1  1
Diff_c:           -1  1  1  0 -1  0  1  0
Diff_f:            0  1 -1  1  0  0 -1 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  1  3  1  4  0  2
# Filtered pixels: 4  4  4  4  4  4  2  3
# Filtered P pix:  1  1  1  1  1  1  0  1
```

```
# Filtered Q pix:  1  1  1  1  1  1  0  0
FirstOffset:      -1 -1  0 -1  0  2  0  1
SecondOffset:     -1  0  0  0 -1  1  1  0
ThirdOffset:       0  1 -1  1  0 -1 -1 -2
FirstOffsetClip:  -1 -1  0 -1  0  2  0  1
SecondOffsetClip: -1  0  0  0 -1  1  1  0
ThirdOffsetClip:   0  1 -1  1  0 -1 -1 -1

Block 934:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:34 S01:60 S11:60 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:39 S01:12 S11:13 S02:0 S12:0 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:3 S0:31 S01:24 S11:21 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:12 S11:44 S02:72 S12:73 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:39 S01:72 S11:58 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:32 S01:60 S11:40 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:29 S01:48 S11:42 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:26 S01:12 S11:34 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  0  2  2  3  0
# Filtered pixels: 2  4  2  3  2  2  3  3
# Filtered P pix:  0  1  0  1  0  0  0  1
# Filtered Q pix:  0  1  0  0  0  0  1  0
FirstOffset:      -1  1  0  0 -1 -2 -1  0
SecondOffset:     -2  0 -1  0  1  0  1  0
ThirdOffset:       1 -1  1  2  0  0  1 -1
FirstOffsetClip:  -1  1  0  0 -1 -1 -1  0
SecondOffsetClip: -1  0 -1  0  1  0  1  0
ThirdOffsetClip:   1 -1  1  1  0  0  1 -1

Block 935:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:36 S01:24 S11:21 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:57 S01:48 S11:42 S02:12 S12:34 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:18 S01:12 S11:21 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:12 S11:34 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:21 S01:0 S11:0 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:36 S11:44 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:37 S01:36 S11:24 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:57 S01:0 S11:39 S02:72 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  1  2  3  2  4  0
Diff_de:           0 -1  0  1  1  0 -1  0
Diff_c:            1 -1  0  0  0  1  1  0
Diff_f:            1  0 -1  0 -1 -1  1  0

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  1  3  4  0  3  3
# Filtered pixels: 4  3  4  3  4  3  3  3
# Filtered P pix:  1  0  1  1  1  0  0  1
# Filtered Q pix:  1  1  1  0  1  1  1  0
FirstOffset:       0 -1  0  1  1  0 -1  1
SecondOffset:      1 -2  0  1  1  1  0  1
ThirdOffset:       0  1 -1  1 -1  0  1 -2
FirstOffsetClip:   0 -1  0  1  1  0 -1  1
SecondOffsetClip:  1 -1  0  1  1  1  0  1
ThirdOffsetClip:   0  1 -1  1 -1  0  1 -1

Block 936:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:39 S01:0 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:24 S11:42 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:60 S01:60 S11:55 S02:24 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:16 S01:0 S11:26 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:24 S11:21 S02:36 S12:63 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:12 S11:8 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:57 S01:36 S11:44 S02:12 S12:70 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:47 S01:0 S11:39 S02:48 S12:47 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  1  3  3  4  3  3  2
Diff_de:          -1  0 -1  1  1  1 -1  1
Diff_c:           -1  1  0  1 -1  1  1  0
Diff_f:            0  0  1  0  1  0  0  0
```

```
'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  4  2  3  3  3
# Filtered pixels: 4  4  3  4  3  4  3  3
# Filtered P pix:  1  1  0  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  0  1  1  0
FirstOffset:      -1  0 -1  1  1  1 -1  1
SecondOffset:     -1  1  1  1  0  1  0  1
ThirdOffset:       0  0  1 -1  0  0  1  1
FirstOffsetClip:  -1  0 -1  1  1  1 -1  1
SecondOffsetClip: -1  1  1  1  0  1  0  1
ThirdOffsetClip:   0  0  1 -1  0  0  1  1

Block 937:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:13 S01:24 S11:36 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:42 S01:12 S11:34 S02:60 S12:45 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:42 S01:48 S11:32 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:54 S01:12 S11:18 S02:48 S12:57 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:65 S01:36 S11:49 S02:72 S12:58 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:32 S01:60 S11:53 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:36 S01:0 S11:13 S02:12 S12:73 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:52 S01:36 S11:29 S02:48 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  2  2  0  0  2  0  0
Diff_de:           0  1 -1  0  0 -1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  0  2  3  0  2
# Filtered pixels: 2  3  3  3  2  3  4  2
# Filtered P pix:  0  1  0  1  0  0  1  0
# Filtered Q pix:  0  0  1  0  0  1  1  0
FirstOffset:       0  1 -1  0 -1 -2  0 -1
SecondOffset:     -1  1  1  0 -1  0  0  0
ThirdOffset:      -1  1  1  1 -1  1  0  2
FirstOffsetClip:   0  1 -1  0 -1 -1  0 -1
SecondOffsetClip: -1  1  1  0 -1  0  0  0
ThirdOffsetClip:  -1  1  1  1 -1  1  0  1

Block 938:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:13 S01:0 S11:13 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:24 S11:31 S02:48 S12:47 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:36 S01:24 S11:16 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:8 S01:12 S11:8 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:53 S01:24 S11:62 S02:0 S12:52 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:24 S01:60 S11:65 S02:60 S12:55 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  1  1  0  3  3  2  3
Diff_de:           0  0  0  0  1 -2 -1  1
Diff_c:            0 -1  0  0  0  1  0  0
Diff_f:            1  0  1  0 -1  0  0 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  2  0  3  4  2  3
# Filtered pixels: 4  3  4  4  3  4  2  4
# Filtered P pix:  1  1  1  1  0  1  0  1
# Filtered Q pix:  1  0  1  1  1  1  0  1
FirstOffset:       0  0  0  0  1 -2 -1  1
SecondOffset:      0 -1  1  0 -1 -1  1  0
ThirdOffset:       1  1  1  0 -1  1 -1 -1
FirstOffsetClip:   0  0  0  0  1 -2 -1  1
SecondOffsetClip:  0 -1  1  0 -1 -1  1  0
ThirdOffsetClip:   1  1  1  0 -1  1 -1 -1

Block 939:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:16 S01:0 S11:0 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:52 S01:12 S11:8 S02:60 S12:40 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:48 S11:45 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:42 S01:0 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:12 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:47 S01:12 S11:21 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:49 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:24 S11:42 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  3  3  4  1  3  1  4
Diff_de:          -1  1  1 -1  0 -1  0 -1
Diff_c:            0  0  1 -1  0 -1  0 -1
Diff_f:            0  1  0  1 -1  0 -1 -1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  0  4  1  4  1  3
# Filtered pixels: 4  3  3  4  4  4  4  4
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  1  0  1  1  1  1  1  1
FirstOffset:      -1  1  0 -1  0 -1  0 -1
SecondOffset:     -1  1  1 -1  0 -1  0 -1
ThirdOffset:       1  1  0  1 -1  1 -1  0
FirstOffsetClip:  -1  1  0 -1  0 -1  0 -1
SecondOffsetClip: -1  1  1 -1  0 -1  0 -1
ThirdOffsetClip:   1  1  0  1 -1  1 -1  0

Block 940:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:37 S01:36 S11:34 S02:48 S12:32 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:36 S11:34 S02:24 S12:31 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:0 S01:12 S11:34 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:48 S11:45 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:42 S01:24 S11:31 S02:0 S12:39 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:0 S01:0 S11:26 S02:36 S12:39 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:16 S01:0 S11:26 S02:0 S12:39 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:60 S01:36 S11:24 S02:60 S12:45 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  1  0  2  3  0  0  2
Diff_de:           1  0  0  2  1  0  0  1
Diff_c:            0  0  0  0  1  0  0  0
Diff_f:            0 -1  0  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  3  0  4  2
# Filtered pixels: 2  2  4  3  3  3  4  2
# Filtered P pix:  0  0  1  0  0  1  1  0
# Filtered Q pix:  0  0  1  1  1  0  1  0
FirstOffset:       1 -1  0  2  1  0 -1  1
SecondOffset:      0  0  0  0  1  0 -1  1
ThirdOffset:       1  0  0 -1 -1  1  1  1
FirstOffsetClip:   1 -1  0  1  1  0 -1  1
```

```
SecondOffsetClip:  0  0  0  0  1  0 -1  1
ThirdOffsetClip:   1  0  0 -1 -1  1  1  1

Block 941:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:18 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:24 S11:26 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:48 S01:48 S11:47 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:12 S11:31 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:24 S11:21 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:57 S01:12 S11:8 S02:48 S12:42 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:0 S01:36 S11:39 S02:36 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:12 S11:44 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  4  3  2  1  3  2  2
Diff_de:           0 -1  2  0  0 -1  0  0
Diff_c:           -1 -1 -1 -1  1  0 -1  1
Diff_f:            1  1  0  1  0 -1  1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  1  3  0  2
# Filtered pixels: 3  4  3  3  4  3  2  4
# Filtered P pix:  1  1  0  1  1  1  0  1
# Filtered Q pix:  0  1  1  0  1  0  0  1
FirstOffset:       0  0  2  1  0 -1  0 -1
SecondOffset:      0 -1  0  0  1 -1 -1  0
ThirdOffset:       1  1 -1  0  0 -1  1  0
FirstOffsetClip:   0  0  2  1  0 -1  0 -1
SecondOffsetClip:  0 -1  0  0  1 -1 -1  0
ThirdOffsetClip:   1  1 -1  0  0 -1  1  0

Block 942:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:31 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:24 S01:48 S11:37 S02:60 S12:45 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:36 S11:39 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:48 S11:52 S02:60 S12:60 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:36 S01:48 S11:52 S02:0 S12:39 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
```

```
Row:6 S0:39 S01:36 S11:24 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:52 S01:36 S11:34 S02:36 S12:24 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:52 S01:12 S11:73 S02:48 S12:47 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 4  4  2  1  1  3  2  3
Diff_de:          -1  1  0  0  0 -1  0  1
Diff_c:            1 -1 -1  1 -1 -1 -1  0
Diff_f:           -1  1  1  0  0  0 -1 -1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  2  2  3
# Filtered pixels: 3  2  3  2  3  3  2  3
# Filtered P pix:  1  0  0  0  0  0  0  1
# Filtered Q pix:  0  0  1  0  1  1  0  0
FirstOffset:      -1  1  0 -1  0 -1 -1  1
SecondOffset:      0 -1 -1  1 -1 -1 -1  1
ThirdOffset:       0  1  0  2  0  0  0 -2
FirstOffsetClip:  -1  1  0 -1  0 -1 -1  1
SecondOffsetClip:  0 -1 -1  1 -1 -1 -1  1
ThirdOffsetClip:   0  1  0  1  0  0  0 -1

Block 943:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:26 S01:0 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:13 S01:36 S11:24 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:39 S01:0 S11:13 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:0 S01:48 S11:52 S02:12 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:5 S0:0 S01:48 S11:47 S02:36 S12:39 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:12 S11:34 S02:48 S12:37 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:36 S01:24 S11:31 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:21 S01:36 S11:24 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  3  1  1  1  2  2
Diff_de:           1  0 -1  0  0  0  0  0
Diff_c:            0  1 -1  0  0  0  1  1
Diff_f:           -1 -1  0  1  1  1  1 -1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 1  0  3  0  0  0  2  2
# Filtered pixels: 4  3  3  3  2  3  4  3
# Filtered P pix:  1  0  1  0  0  1  1  0
```

```
# Filtered Q pix:  1  1  0  1  0  0  1  1
FirstOffset:       0  0 -1  0  0  0  0 -1
SecondOffset:      0  1 -1 -1 -1  0  1  0
ThirdOffset:      -1  0  2  0  1  1  1  0
FirstOffsetClip:   0  0 -1  0  0  0  0 -1
SecondOffsetClip:  0  1 -1 -1 -1  0  1  0
ThirdOffsetClip:  -1  0  1  0  1  1  1  0

Block 944:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:8 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:0 S11:13 S02:24 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:45 S01:60 S11:53 S02:12 S12:34 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:12 S11:31 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:34 S01:12 S11:31 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:26 S01:12 S11:21 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:31 S01:24 S11:21 S02:24 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:12 S11:8 S02:60 S12:45 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  1  4  4  3  1  2  1
Diff_de:           0  0 -1 -1  1  0  0  0
Diff_c:            0  0  1 -1  0  0 -1  0
Diff_f:            0  1  1  1 -1 -1  1  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  3  4  3  0  2  0
# Filtered pixels: 4  4  3  4  4  3  4  3
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  0
FirstOffset:       0  0 -2 -1  1  0  0  0
SecondOffset:      0  0  0 -1  0  0 -1  0
ThirdOffset:       0  1  1  1 -1 -1  1  1
FirstOffsetClip:   0  0 -2 -1  1  0  0  0
SecondOffsetClip:  0  0  0 -1  0  0 -1  0
ThirdOffsetClip:   0  1  1  1 -1 -1  1  1

Block 945:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:13 S01:48 S11:52 S02:0 S12:52 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:47 S01:24 S11:31 S02:24 S12:49 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:65 S01:36 S11:44 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:2
Row:4 S0:73 S01:48 S11:52 S02:36 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:18 S01:48 S11:45 S02:36 S12:39 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:49 S01:60 S11:50 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:21 S01:0 S11:13 S02:24 S12:49 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:24 S11:36 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  4  2  2  0  0  1  3
Diff_de:           0 -1 -1 -1  0  0  0 -1
Diff_c:            0  1  0  0  0  0  0  1
Diff_f:            0 -1  0  0  0  0  1  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  0  0  3  2
# Filtered pixels: 3  2  3  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  1  0  1  0  0  0  0  0
FirstOffset:       0 -1 -1 -1  0  0  1 -1
SecondOffset:     -1  0 -1  1  1 -1  1  0
ThirdOffset:       0  0  1  1 -1 -1  0  1
FirstOffsetClip:   0 -1 -1 -1  0  0  1 -1
SecondOffsetClip: -1  0 -1  1  1 -1  1  0
ThirdOffsetClip:   0  0  1  1 -1 -1  0  1

Block 946:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:40 S01:36 S11:49 S02:24 S12:16 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:8 S01:36 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:34 S01:48 S11:37 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:29 S01:36 S11:44 S02:48 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:24 S11:16 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:65 S01:12 S11:21 S02:12 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:24 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:42 S01:48 S11:52 S02:24 S12:42 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  4  4  4  4  0  3  4
Diff_de:          -2 -1 -1  1 -1  0 -1  1
Diff_c:            1 -1  1 -1 -1  0  0 -1
Diff_f:            0  1  1  1 -1  0  1 -1
```

```
'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  1  3  2  3  3  3  3
# Filtered pixels: 3  3  3  2  3  4  4  3
# Filtered P pix:  0  0  0  0  1  1  1  0
# Filtered Q pix:  1  1  1  0  0  1  1  1
FirstOffset:      -2  0 -1  1 -1 -1 -1  1
SecondOffset:      0 -1  1  0 -1  0  0 -1
ThirdOffset:       1  1  1  1  0  1  1 -1
FirstOffsetClip:  -2  0 -1  1 -1 -1 -1  1
SecondOffsetClip:  0 -1  1  0 -1  0  0 -1
ThirdOffsetClip:   1  1  1  1  0  1  1 -1

Block 947:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:48 S01:12 S11:18 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:44 S01:12 S11:47 S02:72 S12:68 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:60 S11:70 S02:12 S12:21 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:4 S0:16 S01:60 S11:50 S02:60 S12:55 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:39 S01:0 S11:65 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:18 S01:48 S11:47 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:0 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:13 S01:12 S11:8 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  0  3  1  1  2  1
Diff_de:           2  1  0  1  0  0  1  0
Diff_c:            0  0  0 -1  0  1  0  0
Diff_f:           -1  0  0  0 -1  0  0  1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  0  2  3  0  4  1
# Filtered pixels: 4  3  3  2  4  3  4  4
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  1  0  1  0  1  1  1  1
FirstOffset:       2  0  0  1 -1  0  1  0
SecondOffset:      1  0 -1 -1 -1  1  1  0
ThirdOffset:      -1 -2  0  1  0  0 -1  1
FirstOffsetClip:   2  0  0  1 -1  0  1  0
SecondOffsetClip:  1  0 -1 -1 -1  1  1  0
ThirdOffsetClip:  -1 -1  0  1  0  0 -1  1

Block 948:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
```

```
Row:1 S0:31 S01:12 S11:34 S02:24 S12:55 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:65 S01:48 S11:42 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:18 S01:12 S11:57 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:24 S11:31 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:42 S01:24 S11:42 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:55 S01:36 S11:34 S02:12 S12:60 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:34 S01:24 S11:55 S02:36 S12:39 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:32 S01:48 S11:45 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  2  3  2  2
# Filtered pixels: 3  2  3  2  2  3  2  2
# Filtered P pix:  1  0  1  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  1  0  0
FirstOffset:       0 -1  0  0  1  1  1  2
SecondOffset:      0  1  0 -1  1  1  0  0
ThirdOffset:       1  2  1  1  0 -1  0  0
FirstOffsetClip:   0 -1  0  0  1  1  1  1
SecondOffsetClip:  0  1  0 -1  1  1  0  0
ThirdOffsetClip:   1  1  1  1  0 -1  0  0

Block 949:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:31 S01:24 S11:42 S02:12 S12:44 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:65 S01:12 S11:8 S02:48 S12:52 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:3 S0:31 S01:48 S11:32 S02:12 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:58 S01:24 S11:21 S02:60 S12:60 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:5 S0:21 S01:24 S11:31 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:42 S01:24 S11:26 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:8 S01:12 S11:13 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:21 S01:36 S11:34 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  2  0  0
Diff_de:           0  0  0  0  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  2  2  2  0  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0 -1  0 -2  1  1  0 -1
SecondOffset:      1  0 -1 -1  0  0  0  0
ThirdOffset:       0  2  0  0 -1 -1 -1  2
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 950:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:37 S01:24 S11:26 S02:12 S12:60 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:47 S01:12 S11:34 S02:60 S12:65 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:36 S11:39 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:50 S01:60 S11:70 S02:36 S12:44 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:34 S01:24 S11:21 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:73 S01:72 S11:53 S02:24 S12:26 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:12 S11:34 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:26 S01:0 S11:0 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  3  4  3  3  1
Diff_de:           1 -1  0  2 -1  1  1  0
Diff_c:            0  0  1  0  1  0  0  0
Diff_f:            0  0  1  1 -1 -1 -1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  2  2  3  3  0
# Filtered pixels: 4  3  3  2  4  3  4  4
# Filtered P pix:  1  1  0  0  1  0  1  1
# Filtered Q pix:  1  0  1  0  1  1  1  1
FirstOffset:       1 -1  0  2 -1  1  1  0
SecondOffset:      0  0  1  0  0 -1  0  0
ThirdOffset:      -1 -1  0  0  0 -1 -1  0
FirstOffsetClip:   1 -1  0  2 -1  1  1  0
```

```
SecondOffsetClip:  0  0  1  0  0 -1  0  0
ThirdOffsetClip:  -1 -1  0  0  0 -1 -1  0

Block 951:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:31 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:13 S01:24 S11:26 S02:36 S12:50 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:49 S01:12 S11:13 S02:36 S12:39 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:24 S11:21 S02:48 S12:62 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:44 S01:60 S11:50 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:39 S01:12 S11:47 S02:36 S12:54 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:42 S01:48 S11:32 S02:24 S12:42 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:0 S01:36 S11:24 S02:60 S12:40 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  3  2  1  2  0  3  1
Diff_de:           1  1  1  0  1  0 -1  0
Diff_c:            0  1  0  1  0  0  0  1
Diff_f:            0  0  0  0  0  0 -1  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 0  1  0  2  0  2  2  0
# Filtered pixels: 4  3  3  3  3  3  3  2
# Filtered P pix:  1  1  1  1  0  1  0  0
# Filtered Q pix:  1  0  0  0  1  0  1  0
FirstOffset:       0  0  0 -1  0 -1 -1  0
SecondOffset:      0  1  0  0  1  0  1  1
ThirdOffset:       0  1 -1 -1  0  0  0 -1
FirstOffsetClip:   0  0  0 -1  0 -1 -1  0
SecondOffsetClip:  0  1  0  0  1  0  1  1
ThirdOffsetClip:   0  1 -1 -1  0  0  0 -1

Block 952:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:16 S01:12 S11:18 S02:12 S12:34 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:2 S0:52 S01:60 S11:55 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:24 S11:42 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:50 S01:24 S11:31 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:60 S01:48 S11:57 S02:36 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:48 S01:36 S11:49 S02:72 S12:53 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:57 S01:24 S11:21 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:34 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  2  0  0  0  2
Diff_de:           1  0  0 -1  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  2  2  2  4
# Filtered pixels: 4  2  2  3  2  2  2  4
# Filtered P pix:  1  0  0  0  0  0  0  1
# Filtered Q pix:  1  0  0  1  0  0  0  1
FirstOffset:       1 -1  0 -2 -1 -2 -1  1
SecondOffset:      0  1 -1 -2  1  0  0  1
ThirdOffset:       0  2  1  1  1 -1  2 -1
FirstOffsetClip:   1 -1  0 -1 -1 -1 -1  1
SecondOffsetClip:  0  1 -1 -1  1  0  0  1
ThirdOffsetClip:   0  1  1  1  1 -1  1 -1

Block 953:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:13 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:21 S01:36 S11:34 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:65 S01:48 S11:32 S02:60 S12:55 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:45 S01:12 S11:31 S02:48 S12:42 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:21 S01:24 S11:21 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:47 S01:24 S11:29 S02:0 S12:65 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:40 S01:24 S11:31 S02:36 S12:54 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:16 S01:0 S11:26 S02:24 S12:16 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  4  4  3  1  3  3  3
Diff_de:          -1  1 -1 -1  0 -1 -2 -1
Diff_c:           -1 -1 -1  0  1 -1  0  0
Diff_f:            1 -1 -1 -1  0  0 -1  1

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  2  3  3  4  3  4
# Filtered pixels: 4  4  2  3  4  4  4  4
# Filtered P pix:  1  1  0  1  1  1  1  1
```

```
# Filtered Q pix:  1  1  0  0  1  1  1  1
FirstOffset:      -1  1 -1 -2 -1 -1 -2 -1
SecondOffset:     -1  0 -2 -1  0 -1 -1 -1
ThirdOffset:       1 -1 -1  0  1  1  0  1
FirstOffsetClip:  -1  1 -1 -2 -1 -1 -2 -1
SecondOffsetClip: -1  0 -2 -1  0 -1 -1 -1
ThirdOffsetClip:   1 -1 -1  0  1  1  0  1

Block 954:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
Row:1 S0:50 S01:0 S11:13 S02:60 S12:60 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:37 S01:48 S11:37 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:36 S11:29 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:13 S01:48 S11:47 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:49 S01:0 S11:26 S02:0 S12:39 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:16 S01:24 S11:21 S02:12 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:55 S01:0 S11:26 S02:0 S12:13 ActOverall:0 Act1:2 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:18 S01:24 S11:26 S02:24 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  0  0  0  2  4  0
# Filtered pixels: 3  2  2  2  4  2  4  2
# Filtered P pix:  1  0  0  0  1  0  1  0
# Filtered Q pix:  0  0  0  0  1  0  1  0
FirstOffset:      -2 -1  0  0  0  1 -1  0
SecondOffset:     -1  1 -1 -1  0  0 -1  1
ThirdOffset:       0  0  1  1  0  0  1  1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 955:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:36 S01:0 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:0 S11:0 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:12 S11:31 S02:12 S12:57 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:42 S01:24 S11:42 S02:12 S12:18 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:13 S01:36 S11:24 S02:36 S12:34 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:29 S01:60 S11:53 S02:48 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:13 S01:24 S11:21 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:13 S01:48 S11:37 S02:48 S12:58 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  2  0  0  0  0
Diff_de:           0  0 -1  1  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  4  3  2  0  2  0  0
# Filtered pixels: 4  4  4  3  2  2  3  2
# Filtered P pix:  1  1  1  0  0  0  0  0
# Filtered Q pix:  1  1  1  1  0  0  1  0
FirstOffset:       0 -1 -1  1  0 -1  0  0
SecondOffset:      0 -1 -1  1  1  1 -1  1
ThirdOffset:       0  1  0  0  1 -1  0 -1
FirstOffsetClip:   0 -1 -1  1  0 -1  0  0
SecondOffsetClip:  0 -1 -1  1  1  1 -1  1
ThirdOffsetClip:   0  1  0  0  1 -1  0 -1

Block 956:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:36 S01:24 S11:49 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:8 S01:36 S11:24 S02:24 S12:31 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:44 S01:48 S11:37 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:21 S01:24 S11:21 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:12 S11:8 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:8 S01:24 S11:29 S02:12 S12:44 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:37 S01:12 S11:13 S02:48 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:21 S01:12 S11:8 S02:24 S12:36 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  2  2
Diff_de:           0  0  0  0  0  0  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  2  3  0  3  2
# Filtered pixels: 3  2  2  2  3  3  3  3
# Filtered P pix:  0  0  0  0  1  0  1  1
# Filtered Q pix:  1  0  0  0  0  1  0  0
FirstOffset:       0  0  0  1  1  0  1  1
SecondOffset:      1 -1 -1  0  1 -1  1  0
ThirdOffset:       0  1 -1  0  1  0  1  0
FirstOffsetClip:   0  0  0  1  1  0  1  1
SecondOffsetClip:  1 -1 -1  0  1 -1  1  0
ThirdOffsetClip:   0  1 -1  0  1  0  1  0

Block 957:
Q15J28 parameters, QP=18, Strength1=2, Strength2=2:
Row:1 S0:68 S01:12 S11:31 S02:24 S12:26 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:21 S01:12 S11:21 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:72 S11:48 S02:48 S12:47 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:44 S01:36 S11:29 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:12 S11:31 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:34 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:36 S01:24 S11:36 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:34 S01:12 S11:57 S02:24 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  1  2  3  2  1  1  3
Diff_de:          -2  0  0  1  0  0  0 -1
Diff_c:            0  0 -1  1  1  0  1  0
Diff_f:            1 -1  1  0 -1  1  0 -1

'841/'659 decisions,, QP=30, using Thr1 and Thr2
# Pixels with non-zero offset : 4  2  2  1  1  1  1  2
# Filtered pixels: 4  3  2  4  4  4  4  4
# Filtered P pix:  1  1  0  1  1  1  1  1
# Filtered Q pix:  1  0  0  1  1  1  1  1
FirstOffset:      -2 -1  1  0  0  0  0 -1
SecondOffset:     -1  0 -1  1  0  0  1  0
ThirdOffset:       2 -1  1  0 -1  1  0  0
FirstOffsetClip:  -2 -1  1  0  0  0  0 -1
SecondOffsetClip: -1  0 -1  1  0  0  1  0
ThirdOffsetClip:   1 -1  1  0 -1  1  0  0

Block 958:
Q15J28 parameters, QP=4, Strength1=2, Strength2=2:
```

```
Row:1 S0:18 S01:12 S11:21 S02:0 S12:13 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:72 S11:63 S02:12 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:24 S11:42 S02:0 S12:52 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:0 S11:13 S02:12 S12:13 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:49 S01:12 S11:13 S02:0 S12:78 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:16 S01:48 S11:37 S02:12 S12:18 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:50 S01:36 S11:39 S02:0 S12:26 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:8 S0:47 S01:36 S11:39 S02:36 S12:37 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=16, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  0  2  3  2
# Filtered pixels: 3  2  3  3  3  2  3  2
# Filtered P pix:  0  0  0  1  0  0  0  0
# Filtered Q pix:  1  0  1  0  1  0  1  0
FirstOffset:       0  0 -1  0  0 -1  2  1
SecondOffset:      0 -2 -1  0  0  1  0  0
ThirdOffset:       0  0  1  0  0  0 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 959:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:52 S01:24 S11:36 S02:36 S12:39 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:34 S01:12 S11:13 S02:48 S12:45 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:21 S01:24 S11:29 S02:24 S12:42 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:37 S01:24 S11:29 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:47 S01:60 S11:60 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:44 S01:0 S11:39 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:29 S01:36 S11:39 S02:36 S12:37 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:60 S01:12 S11:8 S02:12 S12:21 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:3
# Pixels with non-zero Diff : 2  2  2  4  2  0  2  2
Diff_de:           1 -1  0  1  1  0 -1 -1
Diff_c:            0  0 -1 -1  0  0  0  0
Diff_f:            0  0 -1  1  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  2  3  0  2  3
# Filtered pixels: 2  3  2  2  3  3  2  4
# Filtered P pix:  0  1  0  0  0  1  0  1
# Filtered Q pix:  0  0  0  0  1  0  0  1
FirstOffset:       1 -1 -1  1  1  0 -1 -1
SecondOffset:      0 -1 -1  0  2  0  0 -1
ThirdOffset:      -1 -1  0  0 -1  1  0  0
FirstOffsetClip:   1 -1 -1  1  1  0 -1 -1
SecondOffsetClip:  0 -1 -1  0  1  0  0 -1
ThirdOffsetClip:  -1 -1  0  0 -1  1  0  0

Block 960:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:65 S01:12 S11:13 S02:12 S12:18 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:0 S01:36 S11:29 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:24 S01:0 S11:26 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:37 S01:12 S11:31 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:12 S11:31 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:37 S01:12 S11:21 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:0 S01:48 S11:37 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:68 S01:48 S11:37 S02:48 S12:42 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 2  1  3  2  2  3  2  4
Diff_de:           1  0 -1  1  0 -1  0 -2
Diff_c:            0 -1  0  0  1 -1 -1  1
Diff_f:            0  0 -1  0  1  0  1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  3  2  1  3  0  2
# Filtered pixels: 4  2  4  4  4  4  3  2
# Filtered P pix:  1  0  1  1  1  1  0  0
# Filtered Q pix:  1  0  1  1  1  1  1  0
FirstOffset:       1  0 -1  1  0 -1  0 -2
SecondOffset:      1 -1 -1  0  0 -1 -1  0
ThirdOffset:       0  1  0  0  1  0  0  2
FirstOffsetClip:   1  0 -1  1  0 -1  0 -2
```

```
SecondOffsetClip:  1 -1 -1  0  0 -1 -1  0
ThirdOffsetClip:   0  1  0  0  1  0  0  1

Block 961:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:44 S01:12 S11:21 S02:72 S12:58 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:36 S11:37 S02:0 S12:13 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:0 S11:0 S02:24 S12:21 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:26 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:8 S01:24 S11:16 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:31 S01:36 S11:34 S02:24 S12:16 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:36 S01:48 S11:37 S02:36 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:24 S01:0 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  2  1  2  2  1  0  2
Diff_de:           0 -1  0 -1  0  0  0  1
Diff_c:            0  0  0  0 -1  0  0  0
Diff_f:            0  0  1  0 -1  1  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  3  0  0  0  0  4
# Filtered pixels: 3  3  3  4  2  2  2  4
# Filtered P pix:  1  0  1  1  0  0  0  1
# Filtered Q pix:  0  1  0  1  0  0  0  1
FirstOffset:       0 -1  1  0  0  0  0  1
SecondOffset:      0 -1  1  0 -1  1  1  1
ThirdOffset:      -2  1  0  0 -1  1  1 -1
FirstOffsetClip:   0 -1  1  0  0  0  0  1
SecondOffsetClip:  0 -1  1  0 -1  1  1  1
ThirdOffsetClip:  -1  1  0  0 -1  1  1 -1

Block 962:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:39 S01:48 S11:32 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:37 S01:0 S11:13 S02:60 S12:53 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:68 S01:12 S11:34 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:13 S01:12 S11:21 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:47 S01:12 S11:57 S02:12 S12:18 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
```

```
Row:6 S0:31 S01:24 S11:68 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:48 S11:32 S02:60 S12:40 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:42 S01:24 S11:21 S02:60 S12:53 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  2  1  2  2  1  3
Diff_de:           1 -1 -1  0 -1  0  0  1
Diff_c:           -1 -1  0  0  0  1  1 -1
Diff_f:            0  0  0 -1  0 -1  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 3  3  4  0  3  1  0  2
# Filtered pixels: 3  3  4  4  4  4  2  3
# Filtered P pix:  0  1  1  1  1  1  0  1
# Filtered Q pix:  1  0  1  1  1  1  0  0
FirstOffset:       1 -1 -2  0 -1  0  0  1
SecondOffset:     -1 -1 -1  0  0  1  1  0
ThirdOffset:      -1 -1  1  0  1  0 -1  1
FirstOffsetClip:   1 -1 -2  0 -1  0  0  1
SecondOffsetClip: -1 -1 -1  0  0  1  1  0
ThirdOffsetClip:  -1 -1  1  0  1  0 -1  1

Block 963:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:60 S11:70 S02:36 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:32 S01:24 S11:31 S02:48 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:24 S11:21 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:39 S01:12 S11:8 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:73 S01:48 S11:62 S02:12 S12:21 ActOverall:0 Act1:1 Act2:2 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:52 S01:12 S11:47 S02:0 S12:39 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:36 S01:36 S11:34 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:29 S01:12 S11:21 S02:24 S12:21 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  2
Diff_de:           0  0  0  0  0  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  2  3  0  2
# Filtered pixels: 2  2  2  2  2  3  3  2
# Filtered P pix:  0  0  0  0  0  0  0  0
```

```
# Filtered Q pix:  0  0  0  0  0  1  1  0
FirstOffset:      -1 -2  0  1  1  1  0  1
SecondOffset:      1 -1  1  0 -1  1 -1  0
ThirdOffset:       0  0  1 -1  0 -1  0 -1
FirstOffsetClip:  -1 -1  0  1  1  1  0  1
SecondOffsetClip:  1 -1  1  0 -1  1 -1  0
ThirdOffsetClip:   0  0  1 -1  0 -1  0 -1

Block 964:
Q15J28 parameters, QP=12, Strength1=2, Strength2=2:
Row:1 S0:39 S01:48 S11:42 S02:24 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:37 S01:36 S11:44 S02:0 S12:65 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:65 S01:12 S11:31 S02:0 S12:52 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:4 S0:62 S01:24 S11:49 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:55 S01:0 S11:78 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:60 S01:0 S11:26 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:53 S01:48 S11:42 S02:12 S12:44 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:45 S01:24 S11:16 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  2  2  2  2  3
Diff_de:          -1 -1 -1 -1  1  1  2 -2
Diff_c:            0  0  0  0  0  0  0  1
Diff_f:           -1  0  0  0  0  0  0  0

'841/'659 decisions,, QP=24, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  0  3  3  3  3
# Filtered pixels: 2  3  4  3  3  3  3  3
# Filtered P pix:  0  0  1  0  1  1  0  0
# Filtered Q pix:  0  1  1  1  0  0  1  1
FirstOffset:      -1 -1 -1  0  1  1  2 -2
SecondOffset:     -2  0  0  1  1  1  0 -1
ThirdOffset:       0  1  1  0 -1 -1 -1  1
FirstOffsetClip:  -1 -1 -1  0  1  1  1 -1
SecondOffsetClip: -1  0  0  1  1  1  0 -1
ThirdOffsetClip:   0  1  1  0 -1 -1 -1  1

Block 965:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:21 S01:72 S11:58 S02:36 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:2 S0:42 S01:12 S11:60 S02:36 S12:44 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:21 S01:24 S11:26 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:36 S11:39 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:12 S11:13 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:49 S01:36 S11:29 S02:36 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:34 S01:24 S11:16 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:49 S01:60 S11:50 S02:48 S12:32 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 3  3  4  1  2  2  3  1
Diff_de:          -1  1 -1  0  0  0 -1  0
Diff_c:            0  0 -1 -1 -1 -1  0  0
Diff_f:           -1  1  1  0  1 -1  1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  4  1  1  0  3  0
# Filtered pixels: 2  3  4  3  4  2  4  2
# Filtered P pix:  0  1  1  0  1  0  1  0
# Filtered Q pix:  0  0  1  1  1  0  1  0
FirstOffset:      -1  1 -1  0  0  0 -1  0
SecondOffset:      1  1 -1 -1  0 -1  0  1
ThirdOffset:       0  0  1 -1  1 -1  1  1
FirstOffsetClip:  -1  1 -1  0  0  0 -1  0
SecondOffsetClip:  1  1 -1 -1  0 -1  0  1
ThirdOffsetClip:   0  0  1 -1  1 -1  1  1

Block 966:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:62 S01:12 S11:8 S02:60 S12:50 ActOverall:0 Act1:2 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:2 S0:47 S01:36 S11:44 S02:24 S12:21 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:63 S01:36 S11:34 S02:24 S12:26 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:4 S0:13 S01:12 S11:21 S02:60 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:34 S01:48 S11:32 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:47 S01:12 S11:18 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:36 S01:48 S11:57 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:24 S01:48 S11:45 S02:36 S12:24 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  0
Diff_de:           0  0  0  0 -1  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  2  0  2  2  0  2
# Filtered pixels: 2  2  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       0 -1  2  0 -1 -1  0  1
SecondOffset:      0 -1  2  0  1 -1 -1 -1
ThirdOffset:       1  1 -1 -1  0  1 -1  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 967:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:13 S01:36 S11:34 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:18 S01:12 S11:13 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:31 S01:48 S11:32 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:49 S01:72 S11:73 S02:0 S12:0 ActOverall:0 Act1:1 Act2:3 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:5 S0:8 S01:12 S11:34 S02:12 S12:21 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:13 S01:12 S11:21 S02:12 S12:8 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:7 S0:34 S01:24 S11:21 S02:12 S12:34 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:42 S01:12 S11:18 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  0  0  0  0  0  0
Diff_de:           0  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  0  0  2  2
# Filtered pixels: 2  2  2  3  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  0  1  0  0  0  0
FirstOffset:       0  0  0  0  0  0  1 -1
SecondOffset:      1  0  1  2  0  0  0  0
ThirdOffset:      -1  0  1  0  0  0 -1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 968:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
```

```
Row:1 S0:34 S01:24 S11:16 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:44 S01:24 S11:36 S02:60 S12:65 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:31 S01:48 S11:62 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:24 S11:29 S02:24 S12:16 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:31 S01:48 S11:37 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:31 S01:48 S11:37 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:47 S01:24 S11:31 S02:24 S12:36 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:31 S01:24 S11:31 S02:12 S12:60 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  0  0  0  0  0  0  0
Diff_de:           1  0  0  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  0  0  2  0
# Filtered pixels: 2  2  3  2  2  3  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  1  0  0
FirstOffset:       1  0  0  0  0  0 -1  0
SecondOffset:      1 -1  1 -1 -1  1 -1 -1
ThirdOffset:      -1 -1  0  1 -1  0  0  0
FirstOffsetClip:   1  0  0  0  0  0 -1  0
SecondOffsetClip:  1 -1  1 -1 -1  1 -1 -1
ThirdOffsetClip:  -1 -1  0  1 -1  0  0  0

Block 969:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:18 S01:36 S11:44 S02:12 S12:31 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:24 S11:31 S02:24 S12:29 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:36 S11:37 S02:0 S12:26 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:18 S01:12 S11:47 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:24 S01:12 S11:18 S02:36 S12:63 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:50 S01:36 S11:29 S02:24 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:45 S01:24 S11:49 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:32 S01:0 S11:26 S02:48 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  2  0  0  2
Diff_de:           0  0  0  0  1  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  0  3  2  2  3
# Filtered pixels: 3  2  3  4  3  2  2  3
# Filtered P pix:  0  0  0  1  1  0  0  1
# Filtered Q pix:  1  0  1  1  0  0  0  0
FirstOffset:       0  0 -1  0  1 -2 -2 -2
SecondOffset:      1 -1  0  0  1  0 -1 -1
ThirdOffset:       0 -1  1  0  0  2  1  0
FirstOffsetClip:   0  0 -1  0  1 -1 -1 -1
SecondOffsetClip:  1 -1  0  0  1  0 -1 -1
ThirdOffsetClip:   0 -1  1  0  0  1  1  0

Block 970:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:52 S01:48 S11:57 S02:24 S12:49 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:8 S01:12 S11:31 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:36 S11:50 S02:12 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:0 S11:13 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:12 S11:44 S02:24 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:13 S01:12 S11:8 S02:36 S12:50 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:7 S0:40 S01:48 S11:47 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:24 S01:60 S11:50 S02:24 S12:29 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  2  1  2  1  3  2
Diff_de:           0  0  0  0  0  0  2  1
Diff_c:            1 -1  1  0  1  0 -1  0
Diff_f:            1  1 -1  1 -1  1  0  0

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  0  0  1  0  3  2
# Filtered pixels: 3  3  3  4  4  3  3  3
# Filtered P pix:  0  1  0  1  1  1  0  0
# Filtered Q pix:  1  0  1  1  1  0  1  1
FirstOffset:       1  0  0  0  0  0  2  1
SecondOffset:      2  0  1  0  0  0  0 -1
ThirdOffset:       0  1  0  0 -1  1 -1  0
FirstOffsetClip:   1  0  0  0  0  0  2  1
```

```
SecondOffsetClip:  1  0  1  0  0  0  0 -1
ThirdOffsetClip:   0  1  0  0 -1  1 -1  0

Block 971:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:31 S01:36 S11:29 S02:24 S12:26 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:65 S01:12 S11:57 S02:60 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:31 S01:12 S11:18 S02:48 S12:32 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:21 S01:24 S11:26 S02:24 S12:36 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:26 S01:0 S11:26 S02:60 S12:55 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:44 S01:48 S11:47 S02:24 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:63 S01:36 S11:24 S02:0 S12:26 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:13 S01:12 S11:60 S02:12 S12:18 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  2  2  2  2  1  3  1
Diff_de:          -1  1  0  0  1  0 -1  0
Diff_c:           -1  0  1 -1  0  0  1  0
Diff_f:            1  0  1  1  0  1  0 -1

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  0  2  0  1  3  0
# Filtered pixels: 3  3  3  4  3  3  3  4
# Filtered P pix:  0  1  1  1  1  0  0  1
# Filtered Q pix:  1  0  0  1  0  1  1  1
FirstOffset:       0  1  0  1  0  0 -2  0
SecondOffset:     -1  1  0  0  0  1  0  0
ThirdOffset:       1  1  1  0  1  1  1  0
FirstOffsetClip:   0  1  0  1  0  0 -1  0
SecondOffsetClip: -1  1  0  0  0  1  0  0
ThirdOffsetClip:   1  1  1  0  1  1  1  0

Block 972:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:50 S01:60 S11:55 S02:48 S12:58 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:44 S01:48 S11:32 S02:48 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:73 S01:36 S11:24 S02:12 S12:70 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:4
Row:4 S0:18 S01:36 S11:39 S02:36 S12:50 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:5 S0:24 S01:24 S11:36 S02:48 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
```

```
Row:6 S0:36 S01:0 S11:0 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:36 S01:12 S11:18 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:50 S01:36 S11:24 S02:12 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 4  2  3  2  4  1  0  3
Diff_de:           1  0  1  0 -1  0  0 -2
Diff_c:           -2  1  1  2  1  0  0 -2
Diff_f:            1  2  0  1 -2 -1  0  0

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  3  2  2  0  0  4
# Filtered pixels: 2  2  4  4  3  3  4  4
# Filtered P pix:  0  0  1  1  1  1  1  1
# Filtered Q pix:  0  0  1  1  0  0  1  1
FirstOffset:       2  0  1  0 -1  0  0 -2
SecondOffset:      0  1  1  1  0  0  0 -2
ThirdOffset:       0  1  0  1 -1 -1  0  1
FirstOffsetClip:   2  0  1  0 -1  0  0 -2
SecondOffsetClip:  0  1  1  1  0  0  0 -2
ThirdOffsetClip:   0  1  0  1 -1 -1  0  1

Block 973:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:26 S01:36 S11:49 S02:12 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:26 S01:24 S11:21 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:52 S01:12 S11:8 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:26 S01:12 S11:8 S02:60 S12:70 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:52 S01:36 S11:24 S02:48 S12:32 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:0 S01:36 S11:50 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:26 S01:12 S11:31 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:60 S11:40 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 4  1  3  4  3  1  2  1
Diff_de:          -1  0 -1 -1  1  0  0  0
Diff_c:           -1 -1  0 -1  0  1 -1 -1
Diff_f:            1  0 -1  1 -1  0  1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 1  1  2  0  2  1  1  0
# Filtered pixels: 4  4  4  3  3  4  4  3
# Filtered P pix:  1  1  1  1  1  1  1  0
```

```
# Filtered Q pix:  1  1  1  0  0  1  1  1
FirstOffset:       0  0 -1  0  1  0  0  0
SecondOffset:     -1 -1  0  0  0  1  0 -1
ThirdOffset:       0  0  0  1 -2  0  1  0
FirstOffsetClip:   0  0 -1  0  1  0  0  0
SecondOffsetClip: -1 -1  0  0  0  1  0 -1
ThirdOffsetClip:   0  0  0  1 -2  0  1  0

Block 974:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:26 S01:12 S11:44 S02:12 S12:60 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:2 S0:26 S01:12 S11:34 S02:0 S12:65 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:40 S01:24 S11:62 S02:60 S12:55 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:29 S01:0 S11:0 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:57 S01:36 S11:34 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:18 S01:0 S11:0 S02:24 S12:31 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:1
Row:7 S0:48 S01:24 S11:31 S02:12 S12:70 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:26 S01:12 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  0  0  2  0  0  2  0
Diff_de:           0  0  0  1  0  0  1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  2  4  2  0  3  0
# Filtered pixels: 4  4  2  4  2  3  3  4
# Filtered P pix:  1  1  0  1  0  1  0  1
# Filtered Q pix:  1  1  0  1  0  0  1  1
FirstOffset:       0  0 -2  1  1  0  2  0
SecondOffset:      0  0 -1  1  0  0  1  0
ThirdOffset:       0  0  0 -1 -1 -1 -1  0
FirstOffsetClip:   0  0 -1  1  1  0  1  0
SecondOffsetClip:  0  0 -1  1  0  0  1  0
ThirdOffsetClip:   0  0  0 -1 -1 -1 -1  0

Block 975:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
Row:1 S0:16 S01:24 S11:16 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:57 S01:12 S11:8 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:18 S01:24 S11:29 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:50 S01:12 S11:18 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:32 S01:12 S11:44 S02:48 S12:37 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:29 S01:0 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:47 S01:72 S11:78 S02:12 S12:31 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:37 S01:12 S11:8 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  0  1  2  3  4  2  3
Diff_de:           1  0  0  2  2 -1  1  1
Diff_c:            1  0  0  0  0 -1  0  0
Diff_f:            0  0 -1  0  1 -1  0  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 4  3  1  4  3  3  3  2
# Filtered pixels: 4  3  3  4  3  3  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  1  0  0  1  0  0  1  1
FirstOffset:       1 -1  0  2  2 -1  1  1
SecondOffset:      1 -1 -1  1  1 -1 -1  0
ThirdOffset:      -1 -1 -1 -1  0  0 -1  0
FirstOffsetClip:   1 -1  0  2  2 -1  1  1
SecondOffsetClip:  1 -1 -1  1  1 -1 -1  0
ThirdOffsetClip:  -1 -1 -1 -1  0  0 -1  0

Block 976:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
Row:1 S0:31 S01:12 S11:73 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:0 S11:39 S02:12 S12:47 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:65 S01:0 S11:13 S02:12 S12:44 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:31 S01:36 S11:29 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:50 S01:24 S11:31 S02:36 S12:44 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:60 S01:0 S11:39 S02:36 S12:49 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:18 S01:60 S11:53 S02:24 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:0 S11:13 S02:0 S12:0 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  0  0  2  4  4  2  0
Diff_de:           0  0  0  0 -1 -1  0  0
Diff_c:            0  0  0  1  1 -1 -1  0
Diff_f:            1  0  0  1 -1 -1 -1  0
```

```
'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  3  2  3  3  1  0
# Filtered pixels: 4  4  4  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  1  1  1  1  1  1  1  1
FirstOffset:       0  0  1  0 -2 -1  0  0
SecondOffset:      0  0  1  1 -1 -1 -1  0
ThirdOffset:       0  0  0  1  0  0 -1  0
FirstOffsetClip:   0  0  1  0 -2 -1  0  0
SecondOffsetClip:  0  0  1  1 -1 -1 -1  0
ThirdOffsetClip:   0  0  0  1  0  0 -1  0

Block 977:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:8 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:16 S01:24 S11:16 S02:12 S12:21 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:26 S01:36 S11:37 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:34 S01:24 S11:42 S02:48 S12:32 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:18 S01:60 S11:55 S02:12 S12:34 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:50 S01:48 S11:57 S02:12 S12:34 ActOverall:0 Act1:1 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:0
Row:7 S0:31 S01:48 S11:47 S02:12 S12:13 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:36 S11:24 S02:12 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  0
Diff_de:           0  0  1  0  0  0  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  2  0  2  0  0
# Filtered pixels: 2  2  3  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  0  1  0  0  0  0  0
FirstOffset:      -1 -1  0 -1  0 -2  0  0
SecondOffset:      0  0  1  0  1  0 -1 -1
ThirdOffset:       2  1  0 -1  0  1  0  0
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 978:
Q15J28 parameters, QP=16, Strength1=2, Strength2=2:
```

```
Row:1 S0:47 S01:0 S11:52 S02:24 S12:29 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:47 S01:60 S11:60 S02:12 S12:13 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:47 S01:60 S11:60 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:34 S01:24 S11:42 S02:36 S12:44 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:44 S01:24 S11:36 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:65 S01:48 S11:37 S02:24 S12:31 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:8 S01:36 S11:37 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:36 S11:24 S02:48 S12:42 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 3  2  2  3  3  4  2  2
Diff_de:           1  1  1 -1  1  1  0  0
Diff_c:            0  0  0  0  1 -1 -1  1
Diff_f:            1  0  0  1  0 -1  1  1

'841/'659 decisions,, QP=28, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  2  1  3  0  0
# Filtered pixels: 4  3  3  3  4  3  2  2
# Filtered P pix:  1  0  0  1  1  0  0  0
# Filtered Q pix:  1  1  1  0  1  1  0  0
FirstOffset:       1  1  1 -1  0  1  0  0
SecondOffset:      1 -1 -1  0  1 -1 -1  1
ThirdOffset:       0  0  0  1  0 -1  1  1
FirstOffsetClip:   1  1  1 -1  0  1  0  0
SecondOffsetClip:  1 -1 -1  0  1 -1 -1  1
ThirdOffsetClip:   0  0  0  1  0 -1  1  1

Block 979:
Q15J28 parameters, QP=9, Strength1=2, Strength2=2:
Row:1 S0:58 S01:60 S11:40 S02:0 S12:0 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:16 S01:12 S11:21 S02:24 S12:29 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:21 S01:12 S11:21 S02:24 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:31 S01:24 S11:31 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:29 S01:24 S11:16 S02:48 S12:32 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:49 S01:0 S11:52 S02:12 S12:34 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:39 S01:24 S11:16 S02:12 S12:47 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:29 S01:36 S11:39 S02:12 S12:18 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
```

```
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 2  2  2  0  2  0  0  2
Diff_de:          -1  1  1  0  1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=21, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  3  0  2  0  3  3
# Filtered pixels: 3  3  3  3  2  4  3  3
# Filtered P pix:  0  1  1  0  0  1  0  0
# Filtered Q pix:  1  0  0  1  0  1  1  1
FirstOffset:      -2  1  1  0  1  0 -1  1
SecondOffset:      0  0  1  1  1  0 -1  1
ThirdOffset:       1  0  0  0 -2  0  1 -1
FirstOffsetClip:  -1  1  1  0  1  0 -1  1
SecondOffsetClip:  0  0  1  1  1  0 -1  1
ThirdOffsetClip:   1  0  0  0 -1  0  1 -1

Block 980:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:8 S01:12 S11:21 S02:24 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:2 S0:73 S01:24 S11:26 S02:0 S12:13 ActOverall:1 Act1:2 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:3 S0:18 S01:12 S11:21 S02:24 S12:36 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:65 S01:0 S11:13 S02:36 S12:49 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:55 S01:12 S11:8 S02:12 S12:18 ActOverall:1 Act1:3 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:6 S0:31 S01:0 S11:0 S02:36 S12:37 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:57 S01:24 S11:31 S02:12 S12:44 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:68 S01:0 S11:39 S02:36 S12:24 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 1  2  1  2  2  0  0  2
Diff_de:           0 -1  0 -1 -1  0  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            1  0  1  0  0  0  0  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  3  0  3  3  0  3  3
# Filtered pixels: 3  3  3  3  4  3  3  3
# Filtered P pix:  1  0  1  1  1  1  0  1
# Filtered Q pix:  0  1  0  0  1  0  1  0
FirstOffset:       0 -1  0 -1 -1  0  1  2
SecondOffset:      0 -1  0 -1 -1  0  0  1
ThirdOffset:       1  1  1  0  0 -1 -1  0
FirstOffsetClip:   0 -1  0 -1 -1  0  1  1
```

```
SecondOffsetClip:  0 -1  0 -1 -1  0  0  1
ThirdOffsetClip:   1  1  1  0  0 -1 -1  0

Block 981:
Q15J28 parameters, QP=13, Strength1=2, Strength2=2:
Row:1 S0:73 S01:12 S11:44 S02:36 S12:24 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:2 S0:42 S01:36 S11:29 S02:36 S12:29 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:26 S01:12 S11:13 S02:12 S12:57 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:16 S01:36 S11:24 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:31 S01:36 S11:24 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:53 S01:12 S11:57 S02:60 S12:65 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:7 S0:13 S01:24 S11:42 S02:12 S12:21 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:44 S01:48 S11:47 S02:12 S12:34 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  4  3  3  2  2  1  2
Diff_de:          -1  1  1  1  0  2  0 -1
Diff_c:            0 -1  1 -1 -1  0 -1  0
Diff_f:            0 -1  0  0 -1  0  0  0

'841/'659 decisions,, QP=25, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  3  1  3  1  0
# Filtered pixels: 3  2  4  3  3  3  4  3
# Filtered P pix:  1  0  1  0  0  1  1  0
# Filtered Q pix:  0  0  1  1  1  0  1  1
FirstOffset:      -1  1  0  1  0  2  0  0
SecondOffset:      0  0  0  0 -1  1 -1  1
ThirdOffset:       1 -1  0 -1 -1  0  0  0
FirstOffsetClip:  -1  1  0  1  0  1  0  0
SecondOffsetClip:  0  0  0  0 -1  1 -1  1
ThirdOffsetClip:   1 -1  0 -1 -1  0  0  0

Block 982:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:16 S01:36 S11:24 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:13 S01:12 S11:8 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:3 S0:45 S01:12 S11:57 S02:36 S12:50 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:13 S01:48 S11:52 S02:36 S12:49 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:49 S01:24 S11:26 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
```

```
Row:6 S0:42 S01:12 S11:21 S02:12 S12:47 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:0 S11:26 S02:12 S12:18 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:52 S01:12 S11:18 S02:12 S12:60 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  2  0  2
Diff_de:           0  0  1  0  0  1  0  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  0  2  0  0  2  0  2
# Filtered pixels: 2  3  2  2  2  2  3  2
# Filtered P pix:  0  0  0  0  0  0  1  0
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:      -1  0  2  0  0  1  0  1
SecondOffset:      0  0  1  1 -1  0  0  0
ThirdOffset:      -1  0  0 -1 -1  0  0  0
FirstOffsetClip:  -1  0  1  0  0  1  0  1
SecondOffsetClip:  0  0  1  1 -1  0  0  0
ThirdOffsetClip:  -1  0  0 -1 -1  0  0  0

Block 983:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:31 S01:60 S11:55 S02:0 S12:13 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:21 S01:12 S11:8 S02:60 S12:40 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:16 S01:0 S11:26 S02:36 S12:39 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:4 S0:8 S01:12 S11:13 S02:0 S12:26 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:5 S0:60 S01:12 S11:13 S02:48 S12:32 ActOverall:0 Act1:3 Act2:1 Act11:0 Act22:0
ActEdge:0 ClipEdge:1
Row:6 S0:24 S01:48 S11:32 S02:48 S12:42 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:21 S01:48 S11:62 S02:60 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:26 S01:60 S11:55 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
# Pixels with non-zero Diff : 0  0  2  0  0  0  0  2
Diff_de:           0  0 -1  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  0  2  2  2  0
# Filtered pixels: 3  2  3  3  2  2  2  3
# Filtered P pix:  0  0  1  0  0  0  0  0
```

```
# Filtered Q pix:  1  0  0  1  0  0  0  1
FirstOffset:       0  1 -1  0 -1  1 -1  0
SecondOffset:     -1  1 -1  0  0 -1  1  1
ThirdOffset:       0 -2  0  0 -1  1 -1  0
FirstOffsetClip:   0  1 -1  0 -1  1 -1  0
SecondOffsetClip: -1  1 -1  0  0 -1  1  1
ThirdOffsetClip:   0 -1  0  0 -1  1 -1  0

Block 984:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:39 S01:36 S11:37 S02:0 S12:39 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:31 S01:36 S11:50 S02:0 S12:26 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:3 S0:18 S01:36 S11:29 S02:36 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:34 S01:48 S11:47 S02:12 S12:8 ActOverall:1 Act1:1 Act2:3 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:21 S01:24 S11:16 S02:48 S12:47 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:16 S01:0 S11:13 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:2
Row:7 S0:34 S01:60 S11:60 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:18 S01:24 S11:26 S02:24 S12:31 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  0  2  0  2  0  0
Diff_de:           1  0  0  1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  0  0  3  2  4  2  0
# Filtered pixels: 3  3  2  3  2  4  2  2
# Filtered P pix:  0  0  0  0  0  1  0  0
# Filtered Q pix:  1  1  0  1  0  1  0  0
FirstOffset:       1  0  0  1 -1  1 -1  0
SecondOffset:      1  1  1  2 -1  1 -2  1
ThirdOffset:      -1  0 -1 -1  2 -1  1 -1
FirstOffsetClip:   1  0  0  1 -1  1 -1  0
SecondOffsetClip:  1  1  1  1 -1  1 -1  1
ThirdOffsetClip:  -1  0 -1 -1  1 -1  1 -1

Block 985:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:60 S01:12 S11:31 S02:0 S12:65 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:44 S01:36 S11:37 S02:60 S12:60 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:34 S01:24 S11:42 S02:12 S12:44 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
```

```
ActEdge:1 ClipEdge:1
Row:4 S0:29 S01:24 S11:16 S02:36 S12:29 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:5 S0:18 S01:12 S11:18 S02:48 S12:42 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:6 S0:47 S01:12 S11:18 S02:12 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:31 S01:36 S11:24 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:8 S0:8 S01:36 S11:34 S02:24 S12:26 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
# Pixels with non-zero Diff : 2  0  2  2  0  2  0  0
Diff_de:           1  0  1  1  0  1  0  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  2  2  0  3  0  0
# Filtered pixels: 4  2  3  2  3  4  3  2
# Filtered P pix:  1  0  0  0  1  1  0  0
# Filtered Q pix:  1  0  1  0  0  1  1  0
FirstOffset:       1  0  1  1  0  1  0  0
SecondOffset:      1  1  1  0  0  0 -1 -1
ThirdOffset:      -1  1  0  0 -1 -1  0  1
FirstOffsetClip:   1  0  1  1  0  1  0  0
SecondOffsetClip:  1  1  1  0  0  0 -1 -1
ThirdOffsetClip:  -1  1  0  0 -1 -1  0  1

Block 986:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:39 S01:0 S11:26 S02:12 S12:8 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:2 S0:26 S01:0 S11:13 S02:36 S12:24 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:3 S0:26 S01:48 S11:32 S02:36 S12:49 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:4 S0:13 S01:0 S11:52 S02:0 S12:0 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:8 S01:36 S11:34 S02:36 S12:24 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:42 S01:0 S11:26 S02:0 S12:39 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:26 S01:72 S11:63 S02:36 S12:37 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:58 S01:24 S11:36 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 0  1  3  0  2  2  2  3
Diff_de:           0  0 -1  0  0 -1 -1 -2
Diff_c:            0  0  1  0 -1  0  0  1
Diff_f:            0  1  0  0  1  0  0  0
```

```
'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 4  0  0  0  0  4  0  4
# Filtered pixels: 4  3  2  4  2  4  2  4
# Filtered P pix:  1  1  0  1  0  1  0  1
# Filtered Q pix:  1  0  0  1  0  1  0  1
FirstOffset:       1  0  0  0  0 -1  0 -2
SecondOffset:      1  0  1  0 -1 -1  2 -1
ThirdOffset:      -1  1 -1  0  1  1 -1  1
FirstOffsetClip:   1  0  0  0  0 -1  0 -1
SecondOffsetClip:  1  0  1  0 -1 -1  1 -1
ThirdOffsetClip:  -1  1 -1  0  1  1 -1  1

Block 987:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:73 S01:12 S11:8 S02:12 S12:57 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:2 S0:39 S01:24 S11:31 S02:12 S12:60 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:21 S02:0 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:52 S01:36 S11:24 S02:12 S12:34 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:21 S01:24 S11:16 S02:24 S12:31 ActOverall:3 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:31 S01:36 S11:24 S02:12 S12:47 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:52 S01:24 S11:16 S02:24 S12:21 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:8 S0:37 S01:12 S11:44 S02:24 S12:16 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
# Pixels with non-zero Diff : 2  2  0  2  3  0  0  3
Diff_de:           1 -1  0 -1 -1  0  0  1
Diff_c:            0  0  0  0  1  0  0  0
Diff_f:            0  0  0  0  0  0  0  1

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  0  2  2  0  2  2
# Filtered pixels: 4  3  4  3  2  3  2  3
# Filtered P pix:  1  0  1  0  0  0  0  1
# Filtered Q pix:  1  1  1  1  0  1  0  0
FirstOffset:       1 -1  0 -1 -1  0  1  1
SecondOffset:      0 -1  0  0  0  1  1  0
ThirdOffset:       0  1  0  0  1  0  0  0
FirstOffsetClip:   1 -1  0 -1 -1  0  1  1
SecondOffsetClip:  0 -1  0  0  0  1  1  0
ThirdOffsetClip:   0  1  0  0  1  0  0  0

Block 988:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
```

```
Row:1 S0:18 S01:36 S11:29 S02:48 S12:32 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:36 S01:0 S11:65 S02:36 S12:44 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:44 S01:48 S11:42 S02:36 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:4 S0:36 S01:24 S11:31 S02:60 S12:50 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:5 S0:55 S01:24 S11:29 S02:60 S12:45 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:6 S0:34 S01:12 S11:8 S02:12 S12:60 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:29 S01:24 S11:31 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:34 S01:12 S11:18 S02:12 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  0  0  0  2  2  2  2
Diff_de:           0  0  0  0 -1 -1 -1 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  3  2  4
# Filtered pixels: 2  3  2  2  2  4  2  4
# Filtered P pix:  0  1  0  0  0  1  0  1
# Filtered Q pix:  0  0  0  0  0  1  0  1
FirstOffset:       0  0  0  0 -1 -1 -1 -1
SecondOffset:      1  0 -1 -1  0 -1  0 -1
ThirdOffset:       1  1 -1 -1 -1  0  0  1
FirstOffsetClip:   0  0  0  0 -1 -1 -1 -1
SecondOffsetClip:  1  0 -1 -1  0 -1  0 -1
ThirdOffsetClip:   1  1 -1 -1 -1  0  0  1

Block 989:
Q15J28 parameters, QP=15, Strength1=2, Strength2=2:
Row:1 S0:52 S01:12 S11:31 S02:60 S12:50 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:31 S01:48 S11:52 S02:24 S12:49 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:3 S0:34 S01:24 S11:29 S02:24 S12:68 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:4 S0:31 S01:24 S11:26 S02:36 S12:39 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:3
Row:5 S0:37 S01:48 S11:42 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:2
Row:6 S0:13 S01:0 S11:0 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:21 S01:12 S11:21 S02:60 S12:40 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:8 S0:8 S01:12 S11:34 S02:0 S12:52 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 0  1  3  2  2  0  3  0
Diff_de:           0  0  1  0  1  0  1  0
Diff_c:            0  0  0 -1  0  0  1  0
Diff_f:            0 -1  1 -1  0  0  0  0

'841/'659 decisions,, QP=27, using Thr1 and Thr2
# Pixels with non-zero offset : 2  1  2  1  2  0  3  0
# Filtered pixels: 3  3  4  3  3  4  3  4
# Filtered P pix:  1  0  1  1  0  1  1  1
# Filtered Q pix:  0  1  1  0  1  1  0  1
FirstOffset:      -1  0  1  0  1  0  1  0
SecondOffset:      0 -1  0 -1 -1  0  1  0
ThirdOffset:       2 -1  0 -1  0  0 -2  0
FirstOffsetClip:  -1  0  1  0  1  0  1  0
SecondOffsetClip:  0 -1  0 -1 -1  0  1  0
ThirdOffsetClip:   1 -1  0 -1  0  0 -1  0

Block 990:
Q15J28 parameters, QP=20, Strength1=2, Strength2=2:
Row:1 S0:36 S01:12 S11:44 S02:24 S12:36 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:2 S0:60 S01:12 S11:57 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:3 S0:21 S01:12 S11:8 S02:36 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:4 S0:29 S01:12 S11:8 S02:72 S12:63 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:4
Row:5 S0:32 S01:24 S11:26 S02:0 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:6 S0:0 S01:60 S11:55 S02:36 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:7 S0:63 S01:24 S11:16 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
Row:8 S0:26 S01:48 S11:42 S02:24 S12:31 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:4
# Pixels with non-zero Diff : 2  3  1  4  4  4  3  4
Diff_de:           0 -1  0  1  2  1  2  1
Diff_c:            1 -2  0  1  2  2  0  2
Diff_f:            1  0  1  2 -1 -2 -1 -2

'841/'659 decisions,, QP=32, using Thr1 and Thr2
# Pixels with non-zero offset : 1  3  2  3  4  1  4  1
# Filtered pixels: 4  4  4  3  4  3  4  3
# Filtered P pix:  1  1  1  1  1  0  1  0
# Filtered Q pix:  1  1  1  0  1  1  1  1
FirstOffset:       0 -1  1  1  2  0  2  0
SecondOffset:      0 -1  0  1  2  1  1  1
ThirdOffset:       1  0  0  1 -1 -1 -1 -1
FirstOffsetClip:   0 -1  1  1  2  0  2  0
```

```
SecondOffsetClip:  0 -1  0  1  2  1  1  1
ThirdOffsetClip:   1  0  0  1 -1 -1 -1 -1

Block 991:
Q15J28 parameters, QP=6, Strength1=2, Strength2=2:
Row:1 S0:29 S01:24 S11:16 S02:12 S12:18 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:52 S01:12 S11:31 S02:0 S12:26 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:3 S0:39 S01:48 S11:45 S02:24 S12:31 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:42 S01:60 S11:50 S02:36 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:21 S01:48 S11:42 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:6 S0:37 S01:24 S11:16 S02:12 S12:60 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:26 S01:48 S11:42 S02:24 S12:55 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:42 S01:12 S11:18 S02:12 S12:73 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  2  0  2
Diff_de:          -1 -1  0  0  0  1  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=18, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  2  2  2  2  0  2
# Filtered pixels: 2  3  2  2  2  2  2  2
# Filtered P pix:  0  0  0  0  0  0  0  0
# Filtered Q pix:  0  1  0  0  0  0  0  0
FirstOffset:      -1 -1 -1  1  1  1  0 -1
SecondOffset:      0 -1  1 -1 -1  0 -1 -1
ThirdOffset:       1  1  1  0 -1 -1 -1  1
FirstOffsetClip:  -1 -1 -1  1  1  1  0 -1
SecondOffsetClip:  0 -1  1 -1 -1  0 -1 -1
ThirdOffsetClip:   1  1  1  0 -1 -1 -1  1

Block 992:
Q15J28 parameters, QP=5, Strength1=2, Strength2=2:
Row:1 S0:44 S01:24 S11:31 S02:48 S12:37 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:2 S0:34 S01:48 S11:42 S02:12 S12:18 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:21 S01:12 S11:8 S02:0 S12:26 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:47 S01:24 S11:26 S02:12 S12:57 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:18 S01:24 S11:49 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
```

```
Row:6 S0:45 S01:0 S11:39 S02:36 S12:29 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:42 S01:24 S11:26 S02:12 S12:8 ActOverall:1 Act1:1 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:8 S0:26 S01:0 S11:26 S02:36 S12:37 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  0  0  2  2  0
Diff_de:           0  0  0  0  0  1 -1  0
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=17, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  2  0  3  2  0
# Filtered pixels: 2  2  3  2  3  3  2  3
# Filtered P pix:  0  0  0  0  0  1  0  1
# Filtered Q pix:  0  0  1  0  1  0  0  0
FirstOffset:       0 -1 -1 -1  0  2 -1  0
SecondOffset:     -1 -2  0  0 -1  1 -1  0
ThirdOffset:      -1  1  1  1  0  0  1 -1
FirstOffsetClip:   0  0  0  0  0  0  0  0
SecondOffsetClip:  0  0  0  0  0  0  0  0
ThirdOffsetClip:   0  0  0  0  0  0  0  0

Block 993:
Q15J28 parameters, QP=8, Strength1=2, Strength2=2:
Row:1 S0:29 S01:12 S11:18 S02:36 S12:50 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:2 S0:21 S01:12 S11:31 S02:36 S12:34 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:1
Row:3 S0:65 S01:36 S11:39 S02:48 S12:47 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:4 S0:34 S01:36 S11:24 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:5 S0:31 S01:24 S11:29 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:55 S01:60 S11:50 S02:24 S12:29 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:54 S01:48 S11:47 S02:24 S12:49 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:8 S0:39 S01:12 S11:8 S02:48 S12:52 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  0  0  0  0  0  2
Diff_de:           1 -1  0  0  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=20, using Thr1 and Thr2
# Pixels with non-zero offset : 3  2  2  2  0  2  0  3
# Filtered pixels: 3  3  2  2  2  2  2  3
# Filtered P pix:  1  1  0  0  0  0  0  1
```

```
# Filtered Q pix:  0  0  0  0  0  0  0  0
FirstOffset:       1 -1  1  1  0  1  0 -1
SecondOffset:      1  0  0  0 -1 -1  1 -1
ThirdOffset:       0  0 -2  0  1 -1  1 -1
FirstOffsetClip:   1 -1  1  1  0  1  0 -1
SecondOffsetClip:  1  0  0  0 -1 -1  1 -1
ThirdOffsetClip:   0  0 -1  0  1 -1  1 -1

Block 994:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:0 S01:12 S11:8 S02:36 S12:37 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:2 S0:52 S01:12 S11:8 S02:24 S12:16 ActOverall:1 Act1:3 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:3
Row:3 S0:18 S01:12 S11:34 S02:0 S12:26 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:49 S01:0 S11:39 S02:0 S12:78 ActOverall:1 Act1:2 Act2:2 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:5 S0:29 S01:12 S11:21 S02:0 S12:52 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:6 S0:26 S01:12 S11:31 S02:12 S12:31 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:7 S0:42 S01:72 S11:48 S02:0 S12:39 ActOverall:2 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:39 S01:12 S11:13 S02:0 S12:26 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 0  2  0  0  2  2  2  2
Diff_de:           0  1  0  0  1  1 -1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  0  3  0  3  3
# Filtered pixels: 3  3  4  4  4  4  3  4
# Filtered P pix:  1  1  1  1  1  1  0  1
# Filtered Q pix:  0  0  1  1  1  1  1  1
FirstOffset:       0  1  0  0  1  0 -1  1
SecondOffset:      0  0  0  0  0  0  1  0
ThirdOffset:      -1 -1  0  0 -1  0  1 -1
FirstOffsetClip:   0  1  0  0  1  0 -1  1
SecondOffsetClip:  0  0  0  0  0  0  1  0
ThirdOffsetClip:  -1 -1  0  0 -1  0  1 -1

Block 995:
Q15J28 parameters, QP=10, Strength1=2, Strength2=2:
Row:1 S0:42 S01:36 S11:34 S02:24 S12:26 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:2 S0:34 S01:12 S11:13 S02:24 S12:26 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:13 S01:12 S11:21 S02:12 S12:31 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
```

```
ActEdge:3 ClipEdge:3
Row:4 S0:18 S01:36 S11:24 S02:12 S12:34 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:5 S0:42 S01:12 S11:13 S02:48 S12:42 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:37 S01:48 S11:32 S02:36 S12:44 ActOverall:2 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
Row:7 S0:24 S01:12 S11:8 S02:12 S12:34 ActOverall:2 Act1:3 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:8 S0:60 S01:12 S11:13 S02:36 S12:39 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
# Pixels with non-zero Diff : 2  0  0  0  2  2  2  2
Diff_de:           1  0  0  0  1  1  1  1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0

'841/'659 decisions,, QP=22, using Thr1 and Thr2
# Pixels with non-zero offset : 2  2  0  0  3  2  2  2
# Filtered pixels: 2  3  4  3  3  2  4  3
# Filtered P pix:  0  1  1  0  1  0  1  1
# Filtered Q pix:  0  0  1  1  0  0  1  0
FirstOffset:       1  1  0  0  1  1  1  1
SecondOffset:      0  0  0 -1  1 -1  0  0
ThirdOffset:       0 -1  0  0  1  0  0 -1
FirstOffsetClip:   1  1  0  0  1  1  1  1
SecondOffsetClip:  0  0  0 -1  1 -1  0  0
ThirdOffsetClip:   0 -1  0  0  1  0  0 -1

Block 996:
Q15J28 parameters, QP=7, Strength1=2, Strength2=2:
Row:1 S0:0 S01:0 S11:13 S02:12 S12:47 ActOverall:3 Act1:3 Act2:2 Act11:3 Act22:2
ActEdge:3 ClipEdge:2
Row:2 S0:31 S01:72 S11:63 S02:24 S12:26 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:3 S0:13 S01:60 S11:40 S02:12 S12:18 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:4 S0:26 S01:24 S11:42 S02:0 S12:0 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:1
Row:5 S0:37 S01:36 S11:39 S02:60 S12:50 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:6 S0:44 S01:24 S11:29 S02:48 S12:42 ActOverall:1 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:0
Row:7 S0:8 S01:36 S11:39 S02:12 S12:8 ActOverall:3 Act1:1 Act2:3 Act11:1 Act22:3
ActEdge:2 ClipEdge:1
Row:8 S0:39 S01:12 S11:8 S02:24 S12:42 ActOverall:1 Act1:3 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 0  0  0  2  0  0  0  2
Diff_de:           0  0  0 -1  0  0  0 -1
Diff_c:            0  0  0  0  0  0  0  0
Diff_f:            0  0  0  0  0  0  0  0
```

```
'841/'659 decisions,, QP=19, using Thr1 and Thr2
# Pixels with non-zero offset : 0  0  0  0  2  0  0  2
# Filtered pixels: 4  2  3  3  2  2  3  3
# Filtered P pix:  1  0  0  0  0  0  0  1
# Filtered Q pix:  1  0  1  1  0  0  1  0
FirstOffset:       0  0  0  0  1  0  0 -1
SecondOffset:      0  2 -1 -1  0  1  1  0
ThirdOffset:       0 -1  0  0  1  1  0  0
FirstOffsetClip:   0  0  0  0  1  0  0 -1
SecondOffsetClip:  0  1 -1 -1  0  1  1  0
ThirdOffsetClip:   0 -1  0  0  1  1  0  0

Block 997:
Q15J28 parameters, QP=11, Strength1=2, Strength2=2:
Row:1 S0:26 S01:48 S11:42 S02:12 S12:8 ActOverall:2 Act1:1 Act2:3 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:21 S01:12 S11:18 S02:36 S12:44 ActOverall:3 Act1:3 Act2:1 Act11:3 Act22:1
ActEdge:2 ClipEdge:2
Row:3 S0:39 S01:24 S11:49 S02:0 S12:0 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:4 S0:34 S01:0 S11:13 S02:60 S12:60 ActOverall:2 Act1:3 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:5 S0:26 S01:24 S11:29 S02:12 S12:44 ActOverall:2 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:6 S0:31 S01:24 S11:36 S02:24 S12:16 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:7 S0:21 S01:12 S11:31 S02:24 S12:29 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:8 S0:16 S01:36 S11:54 S02:36 S12:44 ActOverall:3 Act1:1 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:1
# Pixels with non-zero Diff : 2  2  3  0  3  2  3  2
Diff_de:           1  1  1  0  1  0  1  1
Diff_c:            0  0  1  0 -1 -1  0  0
Diff_f:            0  0  0  0  0  1 -1  0

'841/'659 decisions,, QP=23, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  3  3  0  0  3  2
# Filtered pixels: 3  3  3  3  3  2  3  2
# Filtered P pix:  0  1  0  1  0  0  1  0
# Filtered Q pix:  1  0  1  0  1  0  0  0
FirstOffset:       0  1  1 -1  0  0  1  1
SecondOffset:     -1  0  1 -1 -1 -1  1  0
ThirdOffset:       0  0 -1  2  0  1 -1  0
FirstOffsetClip:   0  1  1 -1  0  0  1  1
SecondOffsetClip: -1  0  1 -1 -1 -1  1  0
ThirdOffsetClip:   0  0 -1  1  0  1 -1  0

Block 998:
Q15J28 parameters, QP=19, Strength1=2, Strength2=2:
```

```
Row:1 S0:8 S01:0 S11:13 S02:0 S12:52 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:31 S01:24 S11:31 S02:36 S12:29 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:50 S01:0 S11:13 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:60 S01:48 S11:37 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:29 S01:12 S11:13 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:60 S01:24 S11:16 S02:48 S12:45 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:13 S01:12 S11:18 S02:12 S12:18 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:31 S01:24 S11:29 S02:12 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  2  2  3  3  3  2  0
Diff_de:           0  0  1  1 -1 -1  0  0
Diff_c:            0 -1  0  1  0 -1  1  0
Diff_f:           -1  1  0  0 -1  0 -1  0

'841/'659 decisions,, QP=31, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  4  2  2  3  0  1
# Filtered pixels: 4  4  4  3  4  3  4  4
# Filtered P pix:  1  1  1  0  1  1  1  1
# Filtered Q pix:  1  1  1  1  1  0  1  1
FirstOffset:       0  0  2  1 -1 -1  0  0
SecondOffset:      0 -1  1  2  0 -1  0 -1
ThirdOffset:       0  1 -1  0  0 -1  0  0
FirstOffsetClip:   0  0  2  1 -1 -1  0  0
SecondOffsetClip:  0 -1  1  2  0 -1  0 -1
ThirdOffsetClip:   0  1 -1  0  0 -1  0  0

Block 999:
Q15J28 parameters, QP=17, Strength1=2, Strength2=2:
Row:1 S0:13 S01:12 S11:18 S02:0 S12:13 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:2 S0:45 S01:36 S11:34 S02:36 S12:24 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:3 S0:13 S01:48 S11:37 S02:0 S12:39 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:4 S0:32 S01:12 S11:13 S02:12 S12:21 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:5 S0:13 S01:60 S11:40 S02:0 S12:13 ActOverall:3 Act1:2 Act2:3 Act11:2 Act22:3
ActEdge:3 ClipEdge:3
Row:6 S0:34 S01:12 S11:13 S02:48 S12:37 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:7 S0:34 S01:12 S11:34 S02:12 S12:34 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:62 S01:48 S11:37 S02:48 S12:47 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
```

```
ActEdge:2 ClipEdge:3
# Pixels with non-zero Diff : 1  3  2  3  1  4  3  4
Diff_de:           0 -1  0  1  0  1  1  1
Diff_c:            1  1 -1  0  1  1  0  1
Diff_f:            0  0  1 -1  0 -1 -1  1

'841/'659 decisions,, QP=29, using Thr1 and Thr2
# Pixels with non-zero offset : 0  2  0  4  0  3  4  0
# Filtered pixels: 4  2  3  4  3  3  4  2
# Filtered P pix:  1  0  0  1  0  1  1  0
# Filtered Q pix:  1  0  1  1  1  0  1  0
FirstOffset:       0 -2  0  2  0  1  1  0
SecondOffset:      0  0 -1  1  1  1  1  1
ThirdOffset:       0  0  0 -1  0 -2 -1  1
FirstOffsetClip:   0 -2  0  2  0  1  1  0
SecondOffsetClip:  0  0 -1  1  1  1  1  1
ThirdOffsetClip:   0  0  0 -1  0 -1 -1  1

Block 1000:
Q15J28 parameters, QP=14, Strength1=2, Strength2=2:
Row:1 S0:21 S01:12 S11:57 S02:48 S12:32 ActOverall:3 Act1:2 Act2:2 Act11:2 Act22:2
ActEdge:2 ClipEdge:2
Row:2 S0:45 S01:36 S11:34 S02:12 S12:13 ActOverall:2 Act1:2 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:3 S0:16 S01:48 S11:58 S02:24 S12:55 ActOverall:3 Act1:1 Act2:2 Act11:1 Act22:2
ActEdge:2 ClipEdge:2
Row:4 S0:65 S01:24 S11:16 S02:0 S12:13 ActOverall:2 Act1:3 Act2:3 Act11:2 Act22:2
ActEdge:2 ClipEdge:3
Row:5 S0:42 S01:36 S11:29 S02:36 S12:37 ActOverall:2 Act1:2 Act2:1 Act11:2 Act22:1
ActEdge:2 ClipEdge:2
Row:6 S0:78 S01:12 S11:57 S02:36 S12:44 ActOverall:1 Act1:2 Act2:1 Act11:1 Act22:1
ActEdge:1 ClipEdge:2
Row:7 S0:0 S01:24 S11:29 S02:24 S12:26 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
Row:8 S0:0 S01:24 S11:21 S02:12 S12:8 ActOverall:3 Act1:3 Act2:3 Act11:3 Act22:3
ActEdge:3 ClipEdge:3
# Pixels with non-zero Diff : 1  3  1  3  3  2  2  1
Diff_de:           0 -2  0  1 -1 -1  0  0
Diff_c:            0  1  0  1  1  0  1  1
Diff_f:            1  0 -1  0  0  0 -1  0

'841/'659 decisions,, QP=26, using Thr1 and Thr2
# Pixels with non-zero offset : 2  3  3  4  2  2  2  1
# Filtered pixels: 3  3  3  4  2  3  4  4
# Filtered P pix:  1  0  0  1  0  1  1  1
# Filtered Q pix:  0  1  1  1  0  0  1  1
FirstOffset:       1 -2  1  1 -1 -1  0  0
SecondOffset:      0  0 -1  1  0  0  1  1
ThirdOffset:       1  1 -1 -1  0  1 -1  0
FirstOffsetClip:   1 -1  1  1 -1 -1  0  0
```

```
SecondOffsetClip:  0  0 -1  1  0  0  1  1
ThirdOffsetClip:   1  1 -1 -1  0  1 -1  0

Number of pixels filtered per row, Q15J28: 4
Average number of pixels filtered per row, '841/'659: 3.010750
Correlation of number of pixels with non-zero offsets, Q15J28 vs '841/'659:
0.503892
Correlation of filter adjustment to p1 pixels, Q15J28 method vs '841/'659 method:
0.371768
Correlation of filter adjustment to p0 pixels, Q15J28 method vs '841/'659 method:
0.785832
Correlation of filter adjustment to q0 pixels, Q15J28 method vs '841/'659 method:
0.785832
Correlation of filter adjustment to q1 pixels, Q15J28 method vs '841/'659 method:
0.378081

Correlation of Diff_de and First Offset: 0.785832
Correlation of Diff_c and Second Offset: 0.414944
Correlation of Diff_F and Third Offset: 0.422738

Act11 occurrences  : 0: 237, 1: 3215, 2: 2196, 3:2352
Act22 occurrences  : 0: 237, 1: 3269, 2: 2152, 3:2342
ActEdge occurrences: 0: 237, 1: 2318, 2: 2976, 3:2469

Number of occurrences of each pair of differences, in the range (-2, +2):
  p1diff:   -2   -1    0    1    2
cdiff -2:    1    7    8    0    0
cdiff -1:    2  387  665   14    0
cdiff  0:    0  559 4687  553    0
cdiff  1:    0   16  705  378    7
cdiff  2:    0    0    4    6    1

  p0diff:   -2   -1    0    1    2
ddiff -2:   87   10    0    0    0
ddiff -1:  157 1436  191    0    0
ddiff  0:   78  651 2814  654   48
ddiff  1:    0    0  200 1440  141
ddiff  2:    0    0    0   11   82

  q0diff:   -2   -1    0    1    2
ediff -2:   82   11    0    0    0
ediff -1:  141 1440  200    0    0
ediff  0:   48  654 2814  651   78
ediff  1:    0    0  191 1436  157
ediff  2:    0    0    0   10   87

  q1diff:   -2   -1    0    1    2
fdiff -2:    1   11   15    0    0
fdiff -1:    6  388  690    9    0
fdiff  0:    0  599 4686  544    0
```

```
fdiff  1:    0    8  642  378    8
fdiff  2:    0    0   11    4    0

Excluding (0,0), p1 and c were filtered the same way 767 times and different ways
2546 times
Excluding (0,0), p0 and d were filtered the same way 3045 times and different ways
2141 times
Excluding (0,0), q0 and e were filtered the same way 3045 times and different ways
2141 times
Excluding (0,0), q1 and f were filtered the same way 767 times and different ways
2547 times
```