

'841/'659 method: using Thr1 and Thr2

Pixels c, f: use Diff equation from lcodec4.0 image.c at lines 491 and 499

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 2 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 0 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 3
 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 1

'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 : 4  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:        1  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 2 4 1 2
Diff_de:      2 0 1 -1 1 1 0 1
Diff_c:       0 1 1 0 0 -1 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 : 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 3 2 2 0 2 2
 Diff_de: 0 1 1 -2 0 0 -1 -1
 Diff_c: 0 -1 1 0 1 0 0 0
 Diff_f: 0 -1 0 0 1 0 0 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 : 2 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:       0 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 3 2
 Diff_de: 1 0 0 0 0 -1 -2 1
 Diff_c: 0 0 1 0 0 0 -1 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 2 4 0 1 0 2
Diff_de:      0 -1 -1 1 0 0 0 -1
Diff_c:       -1 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 : 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 4 2 1 4
Diff_de: 0 0 1 1 1 0 0 -1
Diff_c: 1 -1 0 0 1 -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 : 3 0 2 1 2 4 2 3
Diff_de:      -1 0 -1 0 -1 -1 -1 -1
Diff_c:       -1 0 0 -1 0 -1 0 0
Diff_f:        0 0 0 0 0 1 0 1
```

```
'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 : 2 3 4 3 1 2 2 2
 Diff_de: 1 1 -1 2 0 0 -1 -1
 Diff_c: 0 0 1 1 0 1 0 0
 Diff_f: 0 -1 1 0 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 3 1
Diff_de:      0 0 1 1 -1 1 -1 0
Diff_c:       1 1 0 -1 -1 0 0 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 : 3 2 3 2 2 0 2 2
Diff_de:      -2 -1 -2 -1 0 0 -1 0
Diff_c:       1 0 -1 0 -1 0 0 -1
Diff_f:       0 0 0 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 3 3 2 2 4 3 2
Diff_de: -1 2 -1 -1 -1 1 1 1
Diff_c: 0 1 -1 0 0 1 0 0
Diff_f: 1 0 0 0 0 -1 -1 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 4 1 2 3 0 3
Diff_de:      0 0 -1 0 1 -1 0 -2
Diff_c:       0 0 -1 1 0 -1 0 -1
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 4 0 0 0 2 2
Diff_de:      0 1 1 0 0 0 -1 1
Diff_c:       1 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 : 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 3
 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 1

'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  3  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 -1  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 3 0 2
Diff_de:      1 0 -1 0 -1 -1 0 0
Diff_c:       0 0 0 0 -1 -1 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 3 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 0 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 : 3 2 3 2 2 0 3 3
 Diff_de: -1 -1 1 -1 1 0 -1 -1
 Diff_c: 0 0 1 0 0 0 0 -1
 Diff_f: 1 0 0 0 0 0 1 0

'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 2 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 0 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 2 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 0 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 3 2 4 3
Diff_de:      1 0 0 -1 -2 2 1 1
Diff_c:       0 0 0 -1 -1 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 3 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 -1 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 3 3 0 3
 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 0 0 0 1

'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 : 2 1 1 0 0 2 3 4
Diff_de: 1 0 0 0 0 -1 1 -1
Diff_c: 0 0 0 0 0 0 0 -1
Diff_f: 0 -1 1 0 0 0 -1 -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 2 0 3 0
Diff_de:      1 0 -2 0 -1 0 1 0
Diff_c:       0 0 0 0 0 0 0 0
Diff_f:       0 -1 0 0 0 0 -1 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 3 0 3 2 2 0 3
Diff_de:      0 -1 0 1 -1 -1 0 -1
Diff_c:       0 0 0 0 0 0 0 -1
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 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 3 2 2 1 1 1
Diff_de:          0 1 -1 -1 0 0 0 0
Diff_c:           -1 1 -1 0 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 2 3 3 2 3 4 2
 Diff_de: 0 1 -1 1 0 -1 1 1
 Diff_c: 0 0 0 0 1 1 1 0
 Diff_f: 1 0 1 -1 -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 2 2
Diff_de:      1 0 1 0 2 0 1 1
Diff_c:       1 -1 0 0 0 0 0 0
Diff_f:       0 0 0 0 -1 -1 0 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 3 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 -1 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  3  1  3  1  1  1
Diff_de:      -1  1  1  0  1  0  0  0
Diff_c:        0  0  0  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 4 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 -1 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 3 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 0 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 : 3 2 1 1 3 4 0 2
Diff_de:      -2 -2 0 0 1 1 0 0
Diff_c:       -1 0 0 0 0 -1 0 1
Diff_f:       0 0 -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 : 2 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:       0 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 2 2 0
Diff_de: 1 0 1 1 2 -1 0 0
Diff_c: 0 0 0 1 0 0 1 0
Diff_f: 0 0 0 0 -1 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 2
 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 0

'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 : 4 2 2 2 2 3 1 3
 Diff_de: 1 -1 1 -1 -1 -1 0 -1
 Diff_c: 1 0 0 0 0 -1 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 : 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 : 2 2 3 1 2 4 2 1
Diff_de: 1 1 -1 0 -1 -2 0 0
Diff_c: 0 0 0 0 0 1 -1 1
Diff_f: 0 0 1 -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 3 2 0
Diff_de: 0 1 0 -1 1 -1 -1 0
Diff_c: 0 0 1 0 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 : 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 : 3 2 3 2 1 0 2 2
Diff_de:          2 1 1 -1 0 0 1 1
Diff_c:           0 0 1 0 0 0 0 0
Diff_f:          -1 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 2 2 3 3 2 2 3
Diff_de:      0 1 0 1 1 -1 0 -1
Diff_c:       0 0 1 0 1 0 -1 -1
Diff_f:       -1 0 -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 : 2 4 4 2 0 2 2 1
Diff_de:      -1 -1 -1 -1 0 1 -1 0
Diff_c:       0 -1 -1 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 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 4 2 2 1
Diff_de: 0 -1 0 -1 1 0 -1 0
Diff_c: 0 1 0 1 1 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 : 4 3 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: 1 1 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 2 4 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 0 -1 -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 : 3 0 0 3 1 0 4 0
 Diff_de: -1 0 0 1 0 0 1 0
 Diff_c: 0 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 0 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 : 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 2 2
Diff_de: 0 -1 -1 1 0 1 1 0
Diff_c: 0 1 -1 1 -1 0 0 -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 4 3 3 1 4
Diff_de: -1 -1 0 1 -1 -1 0 1
Diff_c: 0 0 -1 1 0 0 -1 1
Diff_f: 0 -1 0 -1 1 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 4
Diff_de:      0 1 0 0 0 0 2 1
Diff_c:       0 0 1 0 0 0 0 1
Diff_f:       0 0 0 0 0 0 0 -1
```

```
'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 3
 Diff_de: 1 0 0 0 -1 0 1 2
 Diff_c: 0 0 0 0 0 0 0 1
 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 2 3 4 3 3 0 3
Diff_de: 0 2 1 -1 -2 -1 0 1
Diff_c: 1 0 1 1 0 1 0 0
Diff_f: 0 0 0 -1 -1 0 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  3  2  2
Diff_de:      0  0 -1 -1 -1 -1 -1 -1
Diff_c:      -1  1  0  0  0 -1  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 2 1 3 4 3 3
Diff_de: 1 1 1 0 -1 -1 1 1
Diff_c: 0 -1 0 1 1 1 -1 -1
Diff_f: 0 0 0 0 0 1 0 0

'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 3 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 0 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 4 2 3 3 3 2 3
Diff_de:      0 2 -1 1 -1 -1 0 -1
Diff_c:       -1 1 0 0 0 -1 1 -1
Diff_f:       1 -1 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 4
 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 -1

'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 4
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 -1

'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 3 2 2 2 0
Diff_de: 0 -1 -1 1 1 -1 -2 0
Diff_c: 1 -1 0 1 0 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 : 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  2  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  0 -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 2 2 4 3 3 1
Diff_de: -1 1 -1 0 -1 -1 1 0
Diff_c: -1 0 0 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 3 3 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 1 -1 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 3 2 2 2 0
Diff_de:      0 -1 0 -1 -1 -2 -1 0
Diff_c:       0 0 -1 -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 : 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 3 4 2 4 3 3
Diff_de:      0 0 1 -1 0 -1 -1 1
Diff_c:       1 0 1 -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 : 3 1 3 3 0 2 2 2
Diff_de:      -1 0 -1 -1 0 1 -1 -1
Diff_c:       -1 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 2 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 0 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 4 2 1 0 3
 Diff_de: 0 1 0 1 0 0 0 1
 Diff_c: 1 -1 -1 1 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 3 2
Diff_de: 0 0 0 0 0 0 -1 1
Diff_c: 0 0 0 1 0 0 -1 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 3 1 2 2 4 0 2
 Diff_de: 0 1 0 0 1 1 0 1
 Diff_c: 0 0 1 1 0 1 0 0
 Diff_f: 0 -1 0 -1 0 -1 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 3 2 2 2 2 2
Diff_de: -1 1 -1 -1 1 1 0 -1
Diff_c: 0 1 0 0 0 0 1 0
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 2 3 3
Diff_de: 1 -2 0 0 0 -2 -1 1
Diff_c: -1 0 0 -1 0 0 -1 0
Diff_f: 1 1 0 1 1 0 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 3 2 1
Diff_de: 1 1 1 0 0 1 1 0
Diff_c: 0 0 0 0 1 1 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 2 4
 Diff_de: -1 -1 1 0 1 1 -1 -1
 Diff_c: 0 -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 : 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 : 3 1 1 2 4 3 2 2
Diff_de: 2 0 0 0 -1 1 0 0
Diff_c: 1 -1 0 -1 -1 0 1 -1
Diff_f: 0 0 1 -1 1 -1 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 3 2 4 2 2 3
Diff_de: -1 -1 1 2 -1 1 1 -1
Diff_c: 1 -1 0 0 1 0 0 0
Diff_f: 0 1 -1 0 1 0 0 1

```
'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 2 1 4 4 2 4
 Diff_de: 0 0 -1 0 1 2 0 1
 Diff_c: 0 0 0 0 -1 1 1 1
 Diff_f: 1 0 0 1 -1 -1 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 2 3 3 3 3
Diff_de:      -1 0 1 1 1 1 -1 1
Diff_c:       0 -1 0 0 0 1 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 : 3 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: -1 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 : 3 4 2 3 0 0 3 4
Diff_de:          -1 -1 1 -2 0 0 1 1
Diff_c:           -1 -1 0 0 0 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 : 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 4 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 1 -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 : 2 1 2 3 2 2 2 0
Diff_de: 1 0 1 1 1 -1 -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 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 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 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 : 2 2 1 2 0 0 2 2
 Diff_de: -1 1 0 -1 0 0 1 -2
 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 : 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 4 3 3 3
Diff_de:      0 -1 0 -1 1 1 1 -1
Diff_c:       0 0 0 -1 1 1 1 0
Diff_f:      -1 0 1 0 -1 0 0 1
```

'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 -1
Diff_f: -1 0 0 -1 0 -1 0 0

'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 : 3 0 1 1 0 3 2 0
Diff_de: 1 0 0 0 0 -1 -1 0
Diff_c: 0 0 0 0 0 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 : 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 : 4 2 3 1 1 0 2 3
 Diff_de: 1 -1 1 0 0 0 1 1
 Diff_c: 1 0 0 1 0 0 0 1
 Diff_f: -1 0 -1 0 -1 0 0 0

'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 2 1 2 1 2 0
Diff_de: 0 0 1 0 -1 0 -2 0
Diff_c: 0 -1 0 0 0 0 0 0
Diff_f: 1 0 0 -1 0 1 0 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 3
Diff_de:      -1 -1 0 1 0 -1 -1 -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=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 3 1 3 2 3 1
 Diff_de: 1 0 1 0 1 -1 1 0
 Diff_c: 0 0 1 -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 3 0 3 4 4 2 0
Diff_de:      -1 1 0 -1 -1 -1 1 0
Diff_c:       0 0 0 0 -1 -1 0 0
Diff_f:       0 -1 0 1 1 1 0 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  2
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  0
```

'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 4
Diff_de:          -1 -1 0 1 -1 0 0 -1
Diff_c:           0 0 -1 0 -1 -1 -1 -1
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 : 3 1 1 2 3 1 1 4
Diff_de: -1 0 0 0 1 0 0 1
Diff_c: 0 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 3
 Diff_de: -1 0 1 -1 0 -1 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=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 3 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 1 -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 : 2 3 1 3 1 1 1 3
Diff_de: 2 1 0 -1 0 0 0 -1
Diff_c: 0 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 3 2 0 2 3 3
Diff_de:      0 1 1 1 0 1 1 -1
Diff_c:       0 1 1 0 0 0 0 -1
Diff_f:      -1 0 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 2 2 3 0 2
Diff_de:      0 1 1 -1 1 -1 0 -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=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 3 2 2 2
Diff_de: 0 1 0 0 -1 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 : 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 3 0 2 0 1 3
 Diff_de: 0 0 -2 0 1 0 0 -1
 Diff_c: 0 -1 -1 0 0 0 -1 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 : 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 4 0 1 2
 Diff_de: 0 0 -1 1 -1 0 0 1
 Diff_c: 0 1 1 1 -1 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  2  0  3  0  1  3  4
Diff_de:      1  1  0 -1  0  0 -1 -1
Diff_c:       0  0  0  1  0  1 -1  1
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  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 3 2 4 2
 Diff_de: 1 1 0 -1 1 1 1 -1
 Diff_c: 1 1 0 0 1 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 : 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 -1 -1 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 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 4
 Diff_de: -1 0 1 0 -1 0 -1 2
 Diff_c: 1 -1 1 -1 0 1 0 1
 Diff_f: 0 -1 1 0 1 0 1 -1

'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 3 2 2 2
Diff_de: 0 -1 -1 0 1 -1 1 1
Diff_c: -1 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 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 : 2 3 3 1 3 2 3 3
Diff_de: 1 1 1 0 2 0 -1 1
Diff_c: 0 -1 1 0 1 1 0 0
Diff_f: 0 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 : 4 3 2 3 3 3 3 4
Diff_de: -1 -2 0 1 -1 -1 -1 1
Diff_c: -1 0 1 -1 1 0 0 1
Diff_f: -1 1 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 2 3 2 2 2 3
Diff_de:      1 0 1 -1 1 1 -1 1
Diff_c:       0 0 0 -1 0 0 0 0
Diff_f:       0 0 0 0 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 -1 -1 0 1 1
 Diff_f: 0 1 0 0 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 2 0 2
Diff_de: 1 0 1 0 -1 1 0 -2
Diff_c: 0 0 -1 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 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 2 0 2 2 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 0 0 0 0 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 0 -1
Diff_f:       0 0 0 0 0 -1 -1 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 2
Diff_de:      0 0 0 -1 -1 1 -1 1
Diff_c:       -1 0 0 0 -1 1 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 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 3 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 0 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 : 3 0 1 4 1 4 2 3
Diff_de:      1 0 0 -1 0 -1 1 1
Diff_c:       1 0 0 -1 0 -1 0 0
Diff_f:       0 0 1 1 -1 1 0 -1

```

```

'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 3 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 1 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 4
Diff_de: 0 -1 0 -1 -1 1 -1 -1
Diff_c: 0 0 0 0 0 0 -1 -1
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 3 2 4 2 0 2
 Diff_de: 1 1 -1 -1 -2 -1 0 -1
 Diff_c: 0 0 0 0 -1 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 : 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  3  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 -1  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 2 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 0 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 3 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 -1 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 3 3 2 2 1 2 1
Diff_de:      -1 1 -1 -1 1 0 -1 0
Diff_c:       0 0 0 0 0 0 0 0
Diff_f:       0 -1 1 0 0 1 0 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 : 3  2  2  3  0  2  1  0
Diff_de:          1 -1  1 -1  0  1  0  0
Diff_c:           1  0  0  0  0  0  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 2 2
 Diff_de: 0 0 0 0 0 0 1 1
 Diff_c: -1 0 0 0 0 0 0 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 : 3 2 3 2 1 2 1 3
Diff_de:      1 -1 -1 -1 0 1 0 -1
Diff_c:       1 0 -1 0 0 0 0 0
Diff_f:       0 0 0 0 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 -1 0 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 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 2 4 3 2 2
Diff_de: 0 0 -1 1 1 -1 2 1
Diff_c: 0 1 1 0 -1 0 0 0
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 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 3 2
 Diff_de: -1 -1 -1 1 0 -1 -2 0
 Diff_c: 0 0 0 1 0 0 -1 -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 3 3 2 2 2 2
Diff_de:      1 -1 -1 1 -2 0 -1 0
Diff_c:       -1 -1 0 0 0 -1 0 1
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 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 : 4 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: 1 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  3  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  1 -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 1 1 -1 0 1 -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 : 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 4 1 4 4 2 0
Diff_de:      1 0 1 0 -1 -1 0 0
Diff_c:       -1 1 1 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 2 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 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 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 : 3 1 3 2 2 2 0 1
Diff_de: -1 0 1 1 2 -1 0 0
Diff_c: 0 -1 0 0 0 0 0 -1
Diff_f: 1 0 -1 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 2 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 0 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 : 3 2 4 0 1 4 0 3
 Diff_de: 2 1 -1 0 0 1 0 1
 Diff_c: 0 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 2 3 0 2 3
Diff_de:      1 1 1 -1 -1 0 1 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 : 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 3 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 1 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 2 4 2 2 0 1 3
Diff_de: -1 -1 1 -1 0 0 0 -1
Diff_c: 1 0 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 : 3 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:       0 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 3 2 3 2 3 2 1
 Diff_de: 1 1 0 -1 -1 1 1 0
 Diff_c: 0 1 -1 0 0 0 0 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 : 3 2 2 0 3 0 2 2
Diff_de: 1 -1 1 0 1 0 2 1
Diff_c: 1 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 3 3 0 2 2
Diff_de: 1 -1 1 -1 -1 0 0 -1
Diff_c: 1 -1 1 -1 0 0 -1 0
Diff_f: -1 -1 0 0 -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  3  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 -1 -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 2 3 3 4
Diff_de: 0 -1 0 1 -2 1 -1 -2
Diff_c: -1 0 -1 0 0 1 -1 -1
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 3 2 3 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 1 0 -1 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 : 4 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: 1 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 2
 Diff_de: 0 -1 0 1 0 0 0 2
 Diff_c: 0 0 0 0 0 0 0 0
 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  2  2  0  2  0
Diff_de:      -2  0  1  1 -1  0  1  0
Diff_c:        0 -1  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  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 2 3 2 0
Diff_de:      1 -1 0 0 -2 -1 -1 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 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 : 3 1 2 3 2 1 3 3
 Diff_de: -1 0 -1 1 1 0 1 -1
 Diff_c: 0 -1 0 -1 0 -1 -1 -1
 Diff_f: 1 0 0 0 0 0 0 0

'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 : 3 2 3 1 3 1 2 0
Diff_de: 1 1 -1 0 1 0 2 0
Diff_c: 0 0 0 1 -1 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 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 4 2 3 1 2
Diff_de: 1 1 0 1 -1 1 0 1
Diff_c: -1 1 0 1 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 2 0 2
 Diff_de: 0 1 1 0 0 1 0 -1
 Diff_c: 0 1 0 0 1 0 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 4
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 -1

```

```

'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 3 1 3 2 3
Diff_de: 0 -1 0 -2 0 -1 0 -1
Diff_c: 1 0 1 -1 -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 3
Diff_de:      1 1 1 0 0 0 0 -1
Diff_c:       1 0 1 0 -1 0 0 -1
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 4 1 0 3 0 3 2
 Diff_de: 0 -1 0 0 1 0 1 0
 Diff_c: 0 -1 1 0 0 0 1 -1
 Diff_f: 0 -1 0 0 -1 0 0 -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 2 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 0 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 : 2 0 1 2 2 4 2 3
Diff_de: 1 0 0 1 1 1 1 2
Diff_c: 0 0 0 0 0 1 0 1
Diff_f: 0 0 -1 0 0 -1 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 2 0 0 0 2 2
Diff_de:      -1 0 1 0 0 0 -1 -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=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 2 4 4 0 4 2
Diff_de:      0 -1 1 -1 -1 0 1 1
Diff_c:       0 -1 0 -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 4 2 3 3
Diff_de: 1 0 0 -1 1 0 1 1
Diff_c: 0 0 1 1 1 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 : 4 2 1 2 0 2 2 1
Diff_de: -2 1 0 1 0 -1 -1 0
Diff_c: -1 0 0 0 0 0 0 0
Diff_f: 1 0 1 0 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 4 1 1 0 0 4 2
Diff_de:      2 -1 0 0 0 0 1 0
Diff_c:       -1 -1 0 1 0 0 1 1
Diff_f:       -1 1 -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 3 3
Diff_de:      0 -1 0 1 1 1 -1 1
Diff_c:       1 0 0 0 1 1 -1 -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 3
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 -1

'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 : 4 0 3 2 2 1 0 2
 Diff_de: -1 0 -1 1 1 0 0 -1
 Diff_c: -1 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 2 1 1 4
Diff_de: 0 0 0 1 -1 0 0 -1
Diff_c: 0 0 -1 0 0 -1 -1 -1
Diff_f: 0 1 0 -1 0 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 3 2 1 4
Diff_de:      0 0 0 -1 -1 0 0 -1
Diff_c:       1 0 1 -1 -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 : 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  2  3  2  1  0  2  3
Diff_de:      0 -1 -1  0  0  0  1  1
Diff_c:       0  0  0 -1  1  0  0  0
Diff_f:       0  0  1  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 : 3 3 3 4 2 3 0 2
Diff_de: 1 1 1 -1 -1 1 0 -1
Diff_c: 0 -1 0 -1 0 0 0 0
Diff_f: 1 0 -1 1 0 -1 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 2 2 2 2
Diff_de:      -1 0 1 -1 -1 1 1 1
Diff_c:       1 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 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 2
Diff_de:      -1 -1 1 0 0 0 1 -1
Diff_c:       -1 0 0 0 1 1 0 0
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 2 4 0 2 2 0 0
Diff_de: 1 1 1 0 1 1 0 0
Diff_c: 0 0 1 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 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 2 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 0 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 3 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 0 -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 4 2 0 2 2 3 2
Diff_de:      0 1 0 0 0 0 -1 -1
Diff_c:       1 1 1 0 1 -1 -1 0
Diff_f:      0 -1 1 0 1 1 0 0

```

```

'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  3  2
Diff_de:          0 -1  0  0  1  0  1 -1
Diff_c:           1  0  1 -1 -1  0  0  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 4
Diff_de: -1 0 0 0 0 -1 -1 1
Diff_c: -1 -1 0 -1 1 -1 0 -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 : 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 : 3 4 2 3 3 3 3 0
Diff_de:      -2 -1 0 -1 -1 2 -1 0
Diff_c:       -1 -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  2  0  2  0  2  0  2
Diff_de:      0 -1  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=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 : 2 3 2 2 1 1 2 3
 Diff_de: 1 -1 -1 1 0 0 -1 1
 Diff_c: 0 0 0 0 0 0 0 0
 Diff_f: 0 -1 0 0 1 -1 0 -1

'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 : 2 2 3 0 1 1 0 3
 Diff_de: 1 1 1 0 0 0 0 1
 Diff_c: 0 0 0 0 1 0 0 0
 Diff_f: 0 0 -1 0 0 -1 0 -1

'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 2 4 3 2
Diff_de: -1 -1 -1 1 1 -1 1 -1
Diff_c: 0 1 0 1 0 -1 1 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  2  1  2  3  2  1  1
Diff_de:      0 -1  0  1  2  1  0  0
Diff_c:       0  0  1  0  0  0  0  0
Diff_f:       0  0  0  0 -1  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 3
Diff_de: -1 -1 0 -1 0 0 0 1
Diff_c: -1 0 0 0 -1 -1 -1 1
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 1 0 0 0 0 -1
Diff_f:       1 -1 0 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 2 4 1 3 2
Diff_de: 0 0 0 -1 1 0 -1 0
Diff_c: 1 1 -1 0 -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 2
 Diff_de: 1 1 -1 0 -1 0 0 -1
 Diff_c: 0 0 -1 0 0 0 -1 0
 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 3 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 -1 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 4 4 0 0 2
Diff_de: -1 1 1 1 1 0 0 1
Diff_c: 0 0 0 1 1 0 0 0
Diff_f: 0 0 0 -1 -1 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 : 3  1  2  2  2  3  0  2
Diff_de:      1  0  1 -1 -1  1  0  1
Diff_c:       0  0  0  0  0  0  0  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 : 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 4 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 1 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 : 3 1 3 2 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: -1 -1 0 0 -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 : 4 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: -1 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 : 3  1  2  2  2  0  3  1
Diff_de:      2  0  0 -1  0  0  1  0
Diff_c:       0  1  1  0 -1  0  0 -1
Diff_f:      -1  0 -1  0 -1  0 -1  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 3 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 1 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 2 1 2 3 4
Diff_de:      1 0 0 1 0 0 -1 -1
Diff_c:       1 -1 -1 0 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 2 0
Diff_de:      1 1 1 0 0 0 1 0
Diff_c:       1 1 0 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 : 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 : 2 0 0 3 3 2 1 3
Diff_de:      1 0 0 -1 1 1 0 -1
Diff_c:       0 0 0 0 0 0 -1 0
Diff_f:       0 0 0 1 -1 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 2 3
Diff_de:     -1 1 1 1 0 -1 1 2
Diff_c:       0 0 1 -1 -1 0 0 0
Diff_f:       1 -1 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 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 4 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 -1 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 3 3
Diff_de:      0 0 -1 -1 0 -1 1 2
Diff_c:       1 1 1 0 1 -1 0 0
Diff_f:       0 0 1 1 1 1 -1 -1
```

```
'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 3 2 2 2 2 2 3
 Diff_de: 0 2 0 0 0 0 -1 1
 Diff_c: 0 1 -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 4
Diff_de:      0 0 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 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 : 2  2  2  1  3  2  2  2
Diff_de:      1  1  2  0  1  1  1 -1
Diff_c:       0  0  0 -1  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  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 3 1 3 2 2
Diff_de:      0 1 0 -1 0 1 0 0
Diff_c:       1 1 -1 0 -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 : 2 1 4 3 3 3 2 0
Diff_de: 1 0 1 -1 1 -1 -1 0
Diff_c: 0 0 1 -1 0 -1 0 0
Diff_f: 0 -1 -1 0 -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 3 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 1 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 3 2
 Diff_de: -1 0 1 0 1 0 1 1
 Diff_c: 0 -1 0 -1 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 : 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 : 2 1 1 2 0 3 3 2
 Diff_de: 1 0 0 1 0 1 -1 -1
 Diff_c: 0 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 2
 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 0

'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 2 4 3
Diff_de:      0 0 0 -1 -1 -1 1 -1
Diff_c:       0 0 -1 0 0 0 1 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 2 4 2 2 3 1 1
Diff_de: 0 -1 -1 1 -1 -1 0 0
Diff_c: -1 0 -1 0 0 0 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 : 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 3
Diff_de: -1 0 -1 1 1 1 -1 -1
Diff_c: 0 0 1 1 0 0 -1 -1
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  3
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  0
```

'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 3 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 1 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 2 2 2 3 1 0 3
 Diff_de: 0 1 0 -1 -1 0 0 1
 Diff_c: 0 0 1 0 0 0 0 0
 Diff_f: 0 0 -1 0 1 1 0 -1

'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 4 1 3 0 0 0 1
Diff_de:      0 -2 0 1 0 0 0 0
Diff_c:       -1 -1 1 -1 0 0 0 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 : 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 2 2 1 0 0 4 2
Diff_de:      0 -1 -1 0 0 0 -1 -1
Diff_c:       0 0 0 1 0 0 -1 0
Diff_f:      -1 0 0 0 0 0 1 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 0 0 0
 Diff_f: 0 -1 1 0 0 -1 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 : 4 1 3 2 0 4 3 2
 Diff_de: 1 0 -1 -1 0 -1 1 -1
 Diff_c: 1 -1 1 0 0 -1 0 0
 Diff_f: -1 0 0 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 : 3  2  1  2  2  1  3  2
Diff_de:          1  0  0  2  1  0  2 -1
Diff_c:           1 -1  0  0  0  1  1  0
Diff_f:           0  1 -1  0  0  0  0  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 3 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 0 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 2 2 1 2 2 0
 Diff_de: -1 0 -1 -1 0 1 -1 0
 Diff_c: 0 0 0 0 1 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 : 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 3 2 0 0 2 2 4
 Diff_de: 0 -1 1 0 0 0 -1 -1
 Diff_c: -1 -1 0 0 0 1 0 -1
 Diff_f: 1 0 0 0 0 -1 0 1

'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  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  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 3 2 0 2 0 2 2
Diff_de:      1 -1 1 0 1 0 -1 -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=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 2 4
 Diff_de: -1 0 0 0 0 0 -1 1
 Diff_c: 1 1 0 0 1 0 0 1
 Diff_f: -1 1 0 -1 1 0 0 -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 4 2 3 2 2 0
Diff_de:      0 0 1 1 1 1 1 0
Diff_c:       1 0 1 0 0 0 0 0
Diff_f:      -1 1 -1 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 : 4 2 3 3 2 4 3 1
Diff_de:      -1 0 2 1 0 1 2 0
Diff_c:       -1 -1 1 1 1 1 1 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 3 2 1 2 1
 Diff_de: 0 1 0 -1 1 0 1 0
 Diff_c: 0 1 -1 -1 0 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 3 3 3 0 3 3
Diff_de: 0 1 1 -1 2 0 1 1
Diff_c: 0 0 0 -1 0 0 1 1
Diff_f: 0 0 -1 0 -1 0 0 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 : 3 2 4 2 3 4 2 0
Diff_de: -1 1 -1 0 -1 1 0 0
Diff_c: 0 0 -1 1 0 1 1 0
Diff_f: 1 0 1 -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 4 2 3 2 0
Diff_de:      0 0 0 1 -1 1 -2 0
Diff_c:       0 0 -1 1 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 4 2 2 0 0 1
Diff_de:      0 0 1 1 -1 0 0 0
Diff_c:       1 0 -1 0 0 0 0 0
Diff_f:       1 0 -1 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 3 2 2 2 2 1 2
Diff_de: -1 -2 -1 -1 -1 -1 0 1
Diff_c: 0 -1 0 0 0 0 -1 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 : 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 2 4 2 3 0 3
 Diff_de: 0 0 -1 -1 0 1 0 -1
 Diff_c: 0 0 0 -1 1 1 0 0
 Diff_f: 0 0 0 1 -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 2 0 2 2 2 3 3
 Diff_de: 0 -1 0 -1 1 2 1 1
 Diff_c: 0 0 0 0 0 0 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 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 2 0 1 2 2 1
 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 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  3  2  3  2  1  2  3
Diff_de:      0 -1  0  1  1  0 -1  1
Diff_c:      -1  0 -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 2 3 3 3
Diff_de: 0 0 1 0 2 1 1 -1
Diff_c: 0 0 1 0 0 1 -1 1
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 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 : 3 3 2 2 0 1 3 0
Diff_de: -1 -1 1 0 0 0 1 0
Diff_c: -1 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 2 1 2 2 0 2 0
Diff_de: 0 -1 0 -1 -1 0 0 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=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 4 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 -1 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 2 0 2 3 3 0
Diff_de: 0 0 1 0 0 -1 1 0
Diff_c: -1 0 0 0 -1 -1 0 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 3 2 4
 Diff_de: -1 0 0 0 0 -2 0 1
 Diff_c: 0 0 0 1 1 0 -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 : 3 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:      -1 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 2
Diff_de: 0 1 0 1 0 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=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 3 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 -1 -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 3 1 3 1 3
 Diff_de: 1 1 -1 2 0 -1 0 -1
 Diff_c: -1 0 0 1 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 4 1 3
Diff_de: 0 -1 1 1 0 1 0 1
Diff_c: -1 0 1 1 0 1 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 3 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 0 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 : 2 4 2 1 1 2 1 3
 Diff_de: 1 -1 0 0 0 0 0 -1
 Diff_c: 0 1 -1 -1 -1 -1 0 1
 Diff_f: 0 1 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 3 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 -1 -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 2 0 1 2 2 1
Diff_de: 1 2 -1 0 0 1 0 0
Diff_c: 0 0 0 0 -1 0 1 0
Diff_f: 0 -1 0 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 3 2 2 0 2 0
Diff_de:      0 -1 1 1 -1 0 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=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 3
 Diff_de: -1 0 2 1 0 1 0 1
 Diff_c: 0 1 1 1 0 0 -1 0
 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 4 2 1 2 1 3
Diff_de:      0 1 -1 1 0 -1 0 1
Diff_c:       0 0 -1 0 0 0 1 0
Diff_f:       0 0 1 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 3 4 3 3 2
Diff_de:      1 1 0 -1 -1 -1 1 -1
Diff_c:       -1 0 1 -1 -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 4 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 -1 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 : 2 1 2 3 2 0 2 2
Diff_de:      1 0 1 1 -2 0 1 -1
Diff_c:       0 0 0 0 0 0 0 0
Diff_f:       0 -1 0 -1 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 3 0 2 3
Diff_de: 1 1 0 0 1 0 -1 1
Diff_c: 0 0 1 0 1 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 : 2 3 3 2 1 4 2 0
Diff_de: 1 1 -1 1 0 1 0 0
Diff_c: 0 0 1 0 -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 3 3 1
 Diff_de: 1 0 1 1 0 1 1 0
 Diff_c: 0 -1 0 1 0 1 1 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 2 1 2 1 3 2 2
Diff_de:     -1 1 0 -2 0 1 -1 -2
Diff_c:      0 0 1 0 1 0 0 0
Diff_f:      0 0 0 0 0 -1 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 3 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 0 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 : 3 0 2 2 2 2 2 0
Diff_de: -1 0 -1 1 -1 -1 1 0
Diff_c: -1 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 : 3 1 2 3 1 3 3 3
Diff_de: -1 0 -1 1 0 -2 -2 -1
Diff_c: -1 -1 0 0 0 -1 0 0
Diff_f: 0 0 0 -1 1 0 1 -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 0 0 0 0
Diff_f:       0 0 0 0 -1 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 : 2 3 3 0 3 3 3 1
Diff_de: 1 1 -1 0 -1 -1 -1 0
Diff_c: 0 -1 0 0 1 1 0 -1
Diff_f: 0 0 -1 0 0 0 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 2 3 2 0
 Diff_de: 0 0 0 0 -1 -1 -1 0
 Diff_c: 0 1 0 1 0 -1 0 0
 Diff_f: 1 -1 -1 1 0 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  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  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 : 3 0 4 2 3 1 4 2
Diff_de: -1 0 -2 0 -1 0 1 0
Diff_c: 0 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 3 3 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 1 1 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 : 3 2 2 2 2 2 2 1
Diff_de:      -1 -1 2 -2 1 -1 1 0
Diff_c:       0 0 0 0 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 : 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 : 3 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:       0 -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  3  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 -1 -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 3
Diff_de: -1 -1 -1 -1 1 0 1 1
Diff_c: -1 0 -1 -1 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 : 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 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 : 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 4 2 4 1 2
Diff_de: -1 0 -1 1 0 -1 0 -1
Diff_c: 0 0 0 1 1 -1 0 0
Diff_f: 1 0 0 -1 1 1 -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 4 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 1 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 2
Diff_de:      0 0 0 0 -1 1 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=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  2
Diff_de:      2  0  0  0  1  0  0 -1
Diff_c:       0  0  0  0  0  0 -1  0
Diff_f:       0  0  0  1  0 -1  0  0
```

'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 1
Diff_f: 1 0 0 -1 0 0 0 0

'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 2 2 0 2
 Diff_de: 0 1 0 0 1 -1 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=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 2 1 4 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 0 -1 -1 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  2  3  2  2  3  0
Diff_de:      -1  1 -1  1  0 -1  1  0
Diff_c:       -1  1  0  1 -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 : 2 1 4 4 1 3 4 2
Diff_de: 1 0 -1 1 0 -1 -1 -1
Diff_c: 0 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 3 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 1 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 2 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 0 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 0 1
Diff_f:       1 -1 1 1 1 0 1 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 2 0
Diff_de: -1 0 0 0 1 1 1 0
Diff_c: 0 0 0 0 1 1 0 0
Diff_f: 0 1 0 -1 1 0 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 4 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 1 -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 3 2 0 2 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 -1 0 0 0 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 3 0 3 0 0 0 2
 Diff_de: -1 1 0 1 0 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=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 3 2 2 0
 Diff_de: 0 0 0 -1 -2 1 1 0
 Diff_c: 1 0 0 0 -1 0 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  2  4  0  0  2
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  0 -1  0  0  0
```

'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 3 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 -1 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 : 2 3 3 0 2 0 2 2
Diff_de:      2 1 1 0 1 0 -1 1
Diff_c:       0 1 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 : 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 : 3 3 2 0 0 0 0 4
Diff_de: -1 -1 1 0 0 0 0 1
Diff_c: 0 0 0 0 0 0 0 -1
Diff_f: 1 1 0 0 0 0 0 -1

'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 : 3 4 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: -1 1 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 3 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 -1 -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 4 3 3 1 2 3
 Diff_de: -1 0 -1 -1 1 0 1 1
 Diff_c: 0 -1 -1 1 0 1 0 1
 Diff_f: -1 0 1 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  3  2  3  0  0
Diff_de:          1 -1  0 -1  0 -1  0  0
Diff_c:           0  0  0  0 -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 : 3 0 2 3 0 2 0 2
Diff_de:      1 0 1 1 0 -1 0 -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=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 3 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 -1 -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 3 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 -1 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 3 3
 Diff_de: 0 0 0 1 0 1 -1 -1
 Diff_c: 0 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 : 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 3 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 -1 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 3 1 3 2 3 1 4
 Diff_de: 1 2 0 1 -1 -1 0 1
 Diff_c: 1 0 -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 2 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 0 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 2 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 0 -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 2 4 2 2 3 3 2
Diff_de: -1 -2 -1 -1 1 -1 1 1
Diff_c: -1 0 1 0 0 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 : 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 4 1
Diff_de:      0 1 0 0 0 1 -1 0
Diff_c:       1 0 -1 0 0 1 -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 : 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 : 2 3 0 4 1 2 2 3
 Diff_de: -1 -1 0 -1 0 -1 1 -1
 Diff_c: 0 0 0 -1 -1 0 0 -1
 Diff_f: 0 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 3 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 1 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 : 3 4 4 4 2 3 4 1
Diff_de: 1 1 1 1 0 1 1 0
Diff_c: 0 1 1 1 1 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 : 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 2 2 4 4 2 0
Diff_de: -1 0 -1 0 -1 1 0 0
Diff_c: -1 0 0 1 -1 1 -1 0
Diff_f: 1 0 0 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 2 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 0 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 : 2 1 3 3 1 2 2 4
Diff_de:      -1 0 -1 1 0 0 0 -1
Diff_c:       0 1 0 0 -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 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 2 2 2
 Diff_de: 0 -1 1 0 1 -1 -1 1
 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 : 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 3 0 3 1 2 1
 Diff_de: 1 0 -1 0 1 0 1 0
 Diff_c: 0 -1 1 0 1 0 0 1
 Diff_f: -1 0 0 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 : 2  2  0  2  1  2  0  3
Diff_de:      -1  1  0  1  0  0  0 -1
Diff_c:        0  0  0  0  0 -1  0 -1
Diff_f:        0  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 3 3 1 3 4 2 3
Diff_de: -1 -2 -1 0 1 -1 -1 -1
Diff_c: 0 -1 -1 1 0 -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 : 2 2 1 0 3 3 3 1
Diff_de:      1 1 0 0 1 1 1 0
Diff_c:       0 0 0 0 0 0 1 0
Diff_f:       0 0 -1 0 1 -1 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 3 3 3 0
 Diff_de: 1 1 1 1 2 -1 2 0
 Diff_c: 0 0 1 0 1 0 0 0
 Diff_f: 1 0 0 0 0 -1 -1 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 2
 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 0

'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 3 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 1 -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 3 4 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 1 -1 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 4 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 1 -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 4 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 1 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 0 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 : 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 4 2 1 4 2 2
Diff_de: 0 -1 2 0 0 -1 0 0
Diff_c: -1 -1 -1 -1 1 -1 -1 1
Diff_f: 1 1 -1 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 4
 Diff_de: -1 1 0 0 0 -1 0 1
 Diff_c: 1 -1 -1 1 -1 -1 -1 1
 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 2 2 2 0 0 1 2
Diff_de: 0 -1 -1 -1 0 0 0 -1
Diff_c: 0 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 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 : 2 4 4 4 4 0 3 4
Diff_de: -2 -1 -1 1 -1 0 -1 1
Diff_c: 0 -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 : 3 2 2 2 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:      -1 0 1 0 -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 2 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 0 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 3 2 2 3 0 2 2
 Diff_de: 1 -1 0 1 1 0 -1 -1
 Diff_c: 0 -1 -1 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 : 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 : 3 1 3 2 2 3 2 4
 Diff_de: 1 0 -1 1 0 -1 0 -2
 Diff_c: 1 -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 4 2 1 0 2
Diff_de: 0 -1 0 -1 0 0 0 1
Diff_c: 0 0 0 -1 -1 0 0 0
Diff_f: 0 0 1 1 -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 : 4 3 2 1 3 2 1 2
 Diff_de: 1 -1 -1 0 -1 0 0 1
 Diff_c: -1 -1 0 0 0 1 1 0
 Diff_f: -1 0 0 -1 1 -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 : 2  2  2  2  2  2  2  2
Diff_de:      -1 -1 -1 -1  1  1  2 -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=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 4 4 1 2 2 3 1
Diff_de: -1 1 -1 0 0 0 -1 0
Diff_c: 0 1 -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 3 2 2 2 1 3 1
Diff_de: -1 1 0 0 1 0 -1 0
Diff_c: -1 1 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 3 3 4 3 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 -1 1 -1 -1 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 : 2 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: 0 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 4 3 2 2 1 3
Diff_de: -1 1 1 1 0 2 0 -1
Diff_c: 0 -1 1 -1 -1 0 -1 0
Diff_f: 0 -1 -1 0 -1 0 0 1

'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 2
Diff_de: 0 0 -1 0 0 -1 -1 -2
Diff_c: 0 0 1 0 -1 0 0 0
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 3 0 2 2 0 0 2
Diff_de:      1 -1 0 -1 -1 0 0 1
Diff_c:       0 0 0 0 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 : 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 3 2 4
 Diff_de: 0 0 0 0 -1 -1 -1 -1
 Diff_c: 0 0 0 0 0 -1 0 -1
 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 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 2 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 0 -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 3 2 2 2
Diff_de: 1 0 0 0 1 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 : 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 : 3 2 3 0 2 2 4 2
Diff_de:      1 1 1 0 1 0 1 1
Diff_c:       0 0 1 0 0 -1 1 0
Diff_f:      -1 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 0 0 1 1 0 1 1
Diff_f:       1 1 -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:
0.525444

Correlation of filter adjustment to p1 pixels, Q15J28 method vs '841/'659 method:
0.459374

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:
0.461935

Correlation of Diff_de and First Offset: 0.785832

Correlation of Diff_c and Second Offset: 0.467883

Correlation of Diff_F and Third Offset: 0.472040

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	463	585	2	0
cdiff 0:	0	496	4835	484	0
cdiff 1:	0	3	637	459	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	488	617	3	0
fdiff 0:	0	505	4819	476	0

```
fdiff 1:  0    2  582  452    8
fdiff 2:  0    0   11    4    0
```

Excluding (0,0), p1 and c were filtered the same way 924 times and different ways 2241 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 941 times and different ways 2240 times