

From: Yoshinori Suzuki <yosinori@crl.hitachi.co.jp>
Sent: Wednesday, August 28, 2002 4:55 AM
To: Shun-ichi Sekiguchi
Cc: Jvt-Experts (E-mail)
Subject: [jvt-experts] Re: Special (Funny) Position ad-hoc group

Dear Sekiguchi-san,

Thank you for the clarifications on the test conditions for "MC memory access".

Shun-ichi Sekiguchi wrote:

- >
- > As for the software, it seems the unofficial JM4.1 is supporting
- > MB-based FFA coding. This is a big impact for interlaced coding. We
- > think we should wait for official release of JM4.1 for interlaced
- > test, and use it for our test if there are no further major changes on
- > coding efficiency. Otherwise, we doubt the meaning of interlaced test.

We also supports to use the JM4.1 as the reference of the test for the MC memory access.

- > Below are the clarifications on the test conditions for evaluation of
- > JVT-D110 ("MC memory access" test) that is relevant for this AHG.
- >
- > 1) Is it an agreement of this AHG that test condition for
- > "MC memory access" test will basically be the same as
- > the one for "Special Position" test?

I think that we can basically use the same one.

However, some revisions are needed from the viewpoints of the given situation which is different from the special position issue.

- > 2) For "MC memory access" test, we prefer to having limited
- > number of interlaced test materials (for example, up to two)
- > to avoid too many experiments. How many contents should be
- > tested according to the current discussion status ?

I agree. I think that there is no strong reason to be requested checking the performance of many interlaced sequences for the category of "MC memory access".

- > 3) Should we provide IPPP based coding results?
- > For example, Nokia's proposal does not care about this
- > structure. In this sense, can we evaluate all related
- > proposals by I/P/B coding result only?

I agree. In my understanding, there is no proposed tool which is only used in P-pictures.

- > 4) We would like to propose to perform test with UVLC/CAVLC.

I agree. I think that this is not essential issue for our category.

- > 5) As for the interlaced test, how do we set the number of
- > reference frames and MV search range that affects the
- > coding performance and the amount of time required for
- > simulations?

I also think that this suggestion should be discussed with the adaptation of field/frame base and MB base in mind.

- > 6) Do we need to prepare D-1 tape for the viewing of
- > QCIF/CIF results? Can we assume that these contents
- > will be viewed onto the PC progressive monitor?

The use of the PC progressive monitor may be appropriate for them, since they are ususally showed at a PC.

Best regards,

Yoshinori Suzuki
Hitachi, Ltd.

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