

**Joint Video Experts Team (JVET)
of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC
29/WG 11**
35th Meeting, Sapporo, JP, 12-19 July 2024

Document: JVET-AI0080
MPEG: m68423

Title: **Non-EE2: Disabling the combination of TIMD-ISP and TIMD-MRL**

Status: Input document to JVET

Purpose: Proposal

*Author(s) or
Contact(s):* [Zheming Fan](#) | fan.zheming@mail.sharp (Sharp)
[Takeshi Chujo](#) | xtk-chuujou@kddi.com (Sharp)
[Tomohiro Ikai](#) | ikai.tomohiro@mail.sharp (Sharp)
SLA Sharp | sdeshpande@sharplabs.com | submitter

Source: Sharp

HEADER EXCERPT FROM SOURCE DOCUMENT

Abstract

This contribution proposes disabling the TIMD-related combinations (TIMD-ISP and TIMD-MRL). Test1 involves disabling the combination of TIMD and ISP (TIMD-ISP) and the combination of TIMD and MRL (TIMD-MRL) in the current ECM (13.0). This change eliminates ineffective combinations which can reduce encoding time by decreasing the number of RDOs. Test2 builds upon Test1 by replacing the reduced RDOs with other intra modes to achieve gains without increasing EncT.

Test 1:

[0.03%, -0.01%, 0.00%, 97.4%, 100.2%] in AI , [0.01%, 0.01%, -0.02%, 99.8%, 100.2%] in RA

Test 2:

[-0.07%, -0.03%, -0.01%, 100.4%, 100.3%] in AI , [-0.02%, -0.03%, -0.03%, 100.2%, 100.0%] in RA

Built from JVET-AI0080_v2.docx

LINKS

CARD

JVET-AI0080

<http://vexpertise.stbit.ru/documents/JVET-AI0080>

JVET Search

Zhenming FanTakeshi ChujohTomohiro IkaiSLA Sharp

Non-EE2: Disabling the combination of TIMD-ISP and TIMD-MRL

Authors:

ABSTRACT

MEETING NOTES

SOURCE

external source

https://jvet-experts.org/doc_end_user/current_document.php?id=14322

JVET

Preview document JVET-AI0080

User

Document Information

Login

Document Information

Create new user

Submitted by

Claim your password

Title

Contact

Authors

Document

Comments

ARCHIVE

archive

https://jvet-experts.org/doc_end_user/documents/35_Sapporo/wg11/JVET-AI0080-v2.zip

XLS

JVET-AI0080_test1_v2.xlsm

XLS

JVET-AI0080_test2_v2.xlsm

PPT

JVET-AI0080_v2.pptx

DOC

JVET-AI0080_v2.docx

PPT

JVET-AI0080_v2.pptx

CITATION

Z. Fan, T. Chujoh, T. Ikai, "Non-EE2: Disabling the combination of TIMD-ISP and TIMD-MRL", JVET-AI0080, 35th Meeting: Sapporo, JP, July 2024.