

**Joint Video Experts Team (JVET)
of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC
29/WG 11**

Document: JVET-AJ0079

MPEG: m69597

36th Meeting, Kemer, TR, 1-8 November 2024

Title: EE2-2.7: 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-chuujo@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). Test2.7a involves disabling the combination of TIMD and ISP (TIMD-ISP) and the combination of TIMD and MRL (TIMD-MRL) in normative way. Test2.7b involves disabling the combinations of TIMD in non-normative way. This change eliminates ineffective combinations which can reduce encoding time by decreasing the number of RDOs. Test2.7c builds upon Test2.7a by replacing the reduced RDOs with other intra modes to achieve gains without increasing EncT. Test2.7d builds upon Test2.7b by replacing the reduced RDOs with other intra modes.

Test 2.7a:

[0.02%, 0.01%, 0.05%, 97.5%, 99.9%] in AI , [0.01%, -0.02%, -0.03%, 100.2%, 99.8%] in RA

Test 2.7b:

[0.04%, 0.01%, 0.04%, 97.5%, 99.9%] in AI , [0.02%, -0.09%, 0.02%, 100.1%, 99.9%] in RA

Built from JVET-AJ0079.docx

CARD

JVET-AJ0079

<http://vexpertise.stbit.ru/documents/JVET-AJ0079>

ARCHIVE

[archive](#)

https://jvet-experts.org/doc_end_user/documents/36_Kemer/wg11/JVET-AJ0079-v1.zip

- XLS** ee2_2.7a.xlsm
- XLS** ee2_2.7b.xlsm
- XLS** ee2_2.7c.xlsm
- XLS** ee2_2.7d.xlsm
- DOC** JVET-AJ0079.docx

SOURCE

external source

https://jvet-experts.org/doc_end_user/current_document.php?id=14666

The screenshot displays the Jvett Document Management System interface. At the top, a dark blue header contains the text "Jvett Document Management System" and "Jvett Video Experts Team". Below the header, a sidebar on the left lists navigation options: "Jvett", "User", "Login", "Create new user", "Claim your password", and "Contact". The main content area is titled "Preview document Jvett-AJ0079". It features a section for "Document Information" with details: "Submitted by" (Jvett-Admin (Jvett)), "Title" (EEZ 2-3: Disabling the combination of TMD-ISP and TMD-MPL), "Authors" (V. Sengul), and "Document" (Jvett-AJ0079, signed document). To the right of this section is a heading for "Associated Resources". At the bottom of the main content area is a "Comments" section with a red line indicating a new comment. A QR code is visible in the bottom right corner of the interface.

MEETING NOTES

external meeting notes

http://vexpertise.stbit.ru/meeting-notes/source/meeting_36_a

[illegible]

MEETING NOTES

JVET-AJ0079 EE2-2.7: Disabling the combination of TIMD-ISP and TIMD-MRL [Z. Fan, T. Chujoh, T. Ikai (Sharp)]

CITATION

Z. Fan, T. Chujoh, T. Ikai, "EE2-2.7: Disabling the combination of TIMD-ISP and TIMD-MRL", JVET-AJ0079, 36th Meeting: Kemer, TR, November 2024.