

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

Document: JVET-AM0306

MPEG: m73642

39th Meeting, Daejeon, KR, 26 June - 4 July 2025

Title: Crosscheck of JVET-AM0209 (EE2-4.2: Reuse of ALF control information)

Status: Input document to JVET

Purpose: Proposal

**Author(s) or
Contact(s):** [N. Song](#) | songnan@oppo.com (OPPO)
Luhang Xu | xuluhang@oppo.com | submitter

Source: OPPO

HEADER EXCERPT FROM SOURCE DOCUMENT

Abstract

This contribution reports the cross-check results of EE2-4.2, the CTB-level information for chroma ALF and CCALF can be used by future pictures. The result is matched with the result from the proponent. Because the busy cluster, there may be some slight fluctuations in the coding time.

Introduction

In the test EE2-4.2, CTB-level information of chroma ALF and CCALF of the current picture is stored and can be reused by future coded pictures. For each chroma component, two flags are signalled to indicate whether the current picture reuses ALF and CCALF CTB-level information from a previously coded picture. Compared to JVET-AK0176, the encoder in this proposal makes the decision for each picture individually such that no latency is introduced.

Simulation results

The test EE2-4.2 is implemented on top of ECM-17.0. The simulations were performed under common test conditions defined in JVET-AI2017. The simulation results are reported in the table below.

Built from JVET-AM0306-v1.docx

CARD

<http://vexpertise.stbit.ru/documents/JVET-AM0306>



https://jvet-experts.org/doc_end_user/current_document.php?id=15974



https://jvet-experts.org/doc_end_user/documents/39_Daejeon/wg11/JVET-AM0306-v1.zip



http://vexpertise.stbit.ru/meeting-notes/source/meeting_39_am



JVET-AM0306 Crosscheck of JVET-AM0209 (EE2-4.2: Reuse of ALF control information) [N. Song (OPPO)] [late]

N. Song, "Crosscheck of JVET-AM0209 (EE2-4.2: Reuse of ALF control information)", JVET-AM0306, 39th Meeting: Daejeon, KR, June 2025.

1. [N. Hu, H. Wang, M. Karczewicz, V. Seregin, "EE2-4.2: Reuse of ALF control information", JVET-AM0209, 39th Meeting: Daejeon, KR, June 2025.](#)