

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

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Title: Crosscheck of JVET-AA0143 (Non-EE2: Simplification methods for OBMC)

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Purpose: Proposal

**Author(s) or
Contact(s):** [Xiaoyu Xiu](#) | xiaoyuxiu@kwai.com | submitter (Kwai)

Source: Kwai

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Abstract

This document reports the crosschecking results of JVET-AA0143 on simplification methods for OBMC. Specifically, three modifications are proposed for the existing OBMC design in the ECM5.0: 1) removing the 'obmc_flag' syntax at CU level; 2) disabling a sub-block OBMC based on template matching OBMC; 3) disabling OBMC for large block sizes.

The source code provided from the proponent has been verified and confirmed to be consistent with the description in JVET-AA0143. The crosscheck results are perfectly matched with the simulation results of JVET-AA0143.

Introduction

The software used for this crosscheck was provided by the proponent. The simulation results are perfectly matched with that provided in JVET-AA0143.

Patent rights declaration(s)

Built from JVET-AA0244.docx

LINKS

CARD

JVET-AA0244

<http://vexpertise.stbit.ru/documents/JVET-AA0244>

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ABSTRACT

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Document Information

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CITATION

X. Xiu, "Crosscheck of JVET-AA0143 (Non-EE2: Simplification methods for OBMC)", JVET-AA0244, 27th Meeting: by teleconference, July 2022.

REFERENCES

- [K. Kim, D. Kim, J.-H. Son, J.-S. Kwak, "Non-EE2: Simplification methods for OBMC", JVET-AA0143, 27th Meeting: by teleconference, July 2022.](#)