

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

18th Meeting: Teleconference, April 2020

Document: JVET-R0477-v1

MPEG: m53909

Title: Cross-check of JVET-R0353: AHG14: On Interaction between ACT and BDPCM

Status: Input document to JVET

Purpose: Proposal

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

Source: Kwai

HEADER EXCERPT FROM SOURCE DOCUMENT

Verification

The document reports the crosschecking results of JVET-R0353 by enabling the chroma BDPCM mode for the ACT mode. The software was provided by the proponent and it is verified that the software implementation is matched with what is described in JVET-R0353. In the crosschecking simulations, both the lossy and lossless results in AI and RA configurations when dual-tree is disabled are crosschecked. After the cross-checking, all the BD-rates results match exactly with those in JVET-R0353.

Built from JVET-R0477.docx

LINKS

CARD

JVET-R0477

<http://vexpertise.stbit.ru/documents/JVET-R0477>

JVET Search

XiaoYu Xiu77(m63809)

Cross-check of JVET-R0353: AHG14: On Interaction between ACT and BDPCM

Authors:

ABSTRACT

MEETING NOTES



SOURCE

external source

https://jvet-experts.org/doc_end_user/current_document.php?id=10139

JVET

User

Preview document JVET-R0477

Document Information

Submitted by: Jiaqi Renner Chen

Title: Cross-check of JVET-R0353: AHG14: On Interaction between ACT and BDPCM

Authors: V. Samra

Document: JVET-R0477 updated document

Comments

Associated Resources



ARCHIVE

archive v1

https://jvet-experts.org/doc_end_user/documents/18_Alpbach/wg11/JVET-R0477-v1.zip

Archive

XLS

JVET-R0353_444_Lossless_DualTreeOff_CC.xlsm

XLS

JVET-R0353_444_SCC_CTC_DualTreeOff_CC.xlsm

XLS

JVET-R0353_444_SCC_LQP_DualTreeOff_CC.xlsm

DOC

JVET-R0477.docx



MEETING NOTES

external meeting notes

https://www.itu.int/wftp3/av-arch/jvet-site/2020_04_R_Alpbach/JVET-R_Notes_dH.docx

Joint Video Experts Team (JVET) of ITU-T SG21 WP3/21 and ISO/IEC JTC 1/SC 29 18th Meeting: Teleconference, April 2020

Document: JVET-R0477

Title: Meeting Report of the 41st Meeting of the Joint Video Experts Team

Status: Report document from the chair of JVET

Purpose: Report

1 Summary



MEETING NOTES

[JVET-R0477](#) Cross-check of JVET-R0353: AHG14: On Interaction between ACT and BDPCM [X. Xiu (Kwai)] [late]

CITATION

X. Xiu, "Cross-check of JVET-R0353: AHG14: On Interaction between ACT and BDPCM", JVET-R0477, 18th Meeting: Teleconference, April 2020.

REFERENCES

1. [T. Tsukuba, M. Ikeda, Y. Yagasaki, T. Suzuki, "AHG14: On Interaction between ACT and BDPCM", JVET-R0353, 18th Meeting: Teleconference, April 2020.](#)