

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

17th Meeting: Brussels, January 2020

Document: JVET-Q0641-v1

MPEG: m52592

Title: Crosscheck of JVET-P0461 (QP-independent and slice type-independent initialization of context models for the high throughput CABAC mode of JVET-P0300)

Status: Input document to JVET

Purpose: Proposal

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Abstract

This document reports the crosscheck results of JVET-P0461. It is reported that the simulation results match with the reported results in the contribution.

Simulation Results

Two sets of simulations have been performed. The first simulation scenario is low-QP setting scenario, where the rate points are obtained by setting the QPs to 2, 7, 12 and 17. Only first 100 frames are used. The results for this simulation scenario are presented below.

Table 1: simulation results for QPs 2, 7, 12, 17.

According to the second scenario, the lossless setting is exercised according to the AhG14 recommendations. The simulation results for this scenario is presented below:

Built from JVET-Q0641.DOCX

REFERENCES

1. [H. Kirchhoffer, D. Marpe, B. Bross, T. Nguyen, C. Rudat, H. Schwarz, T. Wiegand, "High throughput CABAC mode for VVC", JVET-P0300, 16th Meeting: Geneva, October 2019.](#)
2. [N. Zhang, H. Liu, L. Zhang, K. Zhang, Y. Wang, "Non-CE4: Usage of half-pel switchable interpolation filter for pairwise candidate", JVET-P0461, 16th Meeting: Geneva, October 2019.](#)