

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

11th Meeting: Ljubljana, July 2018

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**Title:** Cross-check of JVET-K0319: CE7-related: TCQ with high throughput coefficient coding

**Status:** Input document to JVET

**Purpose:** Proposal

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Abstract

This document reports a cross-check of JVET-K0319 on TCQ with high throughput coefficient coding. The simulations were conducted using the common test conditions. The results provided by the proponents were verified.

Cross-check Results

Simulations were conducted following the common test conditions specified in [1]. Software was delivered by the proponent.

Simulation were performed using both the VTM and BMS configurations. For the anchor of VTM, it was generated by BMS-1.0 [2] with all tools in BMS disabled. For tests of the proposed method under VTM, additional settings of parameters are defined as follows:

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ABSTRACT

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Submitted by: Jiaojiao Chen

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Joint Video Experts Team (JVET)  
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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-K0513](#) Cross-check of JVET-K0319: CE7-related: TCQ with high throughput coefficient coding [L. Zhang (Bytedance)] [late]

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L. Zhang, "Cross-check of JVET-K0319: CE7-related: TCQ with high throughput coefficient coding", JVET-K0513, 11th Meeting: Ljubljana, July 2018.

REFERENCES

1. J. Boyce, K. Suehring, X. Li, V. Seregin, "JVET common test conditions and software reference configurations", JVET-J1010, 10th Meeting: San Diego, April 2018.

2. J. Dong, M. Coban, M. Karczewicz, "CE7-related: TCQ with high throughput coefficient coding", JVET-K0319, 11th Meeting: Ljubljana, July 2018.