|  |  |
| --- | --- |
| **Joint Collaborative Team on Video Coding (JCT-VC)**  **of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11**  22nd Meeting: Geneva, CH, 15–21 Oct. 2015 | Document: JCTVC-V0073 |

|  |  |  |  |
| --- | --- | --- | --- |
| *Title:* | **Cross-verification of Solution 2 of JCTVC-V0041 restriction on signalling for palette escape samples** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Information | | |
| *Author(s) or Contact(s):* | Xiaoyu Xiu  9710 Scranton Rd, #250 San Diego, CA 92121, USA | Tel: Email: | + 1-858-210-4830 [Xiaoyu.Xiu@InterDigital.com](mailto:Xiaoyu.Xiu@InterDigital.com) |
| *Source:* | InterDigital Communications Inc. | | |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Abstract

This document presents the cross-verification results of solution 2 of JCTVC-V0041 on restriction on signalling for palette escape samples. It is verified that the implementation is consistent with the algorithm described in the contribution document and all simulation results exactly match that provided by the proponent.

# Introduction

This document presents the cross-verification results of solution 2 of JCTVC-V0041 on restriction on signalling for palette escape samples. In the solution, it is proposed to use the inverse quantization of transform skip mode for escape colors. Additionally, it is proposed to reuse the binarization of coeff\_abs\_level\_remaining for the syntax element palette\_escape\_val of escape colors. It is verified that the software implementation is consistent with the algorithm described in JCTVC-V0041 and all simulation results exactly match that provided by the proponent. The detailed simulation results can be found in the attached spreadsheets.

# References

1. [V. Seregin](mailto:vseregin@qti.qualcomm.com), R. Joshi, K. Rapaka, M. Karczewicz, Restriction on signaling for palette escape samples, JCTVC-V0041, Oct., 2015, Geneva, Switzerland.