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| *Title:* | **3D-CE2.h related: Cross check of JCT3V-C0117 Motion Aware Temporal Disparity Vector Derivation by LG** | | |
| *Status:* | Input Document | | |
| *Purpose:* | Report | | |
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# Abstract

This document reports the cross-check results of LG proposal JCT3V-C0117, “3D-CE2.h related: Motion Aware Temporal Disparity Vector Derivation”, as compared HTM 5.0.1 [1]. We confirm that the PSNR and bitrate results are the same as those provided by the proponents, and encoding/decoding measurement time might be different due to the different platforms.

# Examination of Software and Working Draft Text

The coding performance of the proposed method is examined in this evaluation.

It is confirmed by the software that the implementations are aligned with the proposal and the proposed working draft text provided by the proponent. The PSNR and bit-rates are the same, and the execution time in decoding/encoding might be different probably because of the different platforms in experiments.

# Experimental results

The simulation result of the proposal is shown in Table 1. The implementation was based on HTM5.0.1, and simulations are done under common test conditions.

Table 1.Simulation result   
(Anchor: 3DV-HTM v5.0.1, Tested: Proposed)



# References

1. G. Tech, K. Wegner, Y. Chen, S. Yea, “3D-HEVC Test Model 2”, JCT3V-B1005, Oct. 2012.