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| *Title:* | **3D-CE2.a: Cross check of JCT3V-C0097 Results on results on simplification on the disparity vector derivation by ETRI & Kyung Hee Univ.** | | |
| *Status:* | Input Document | | |
| *Purpose:* | Report | | |
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| *Source:* | Qualcomm Incorporated | | |

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# Abstract

This document reports the cross-check results of Samsung proposal JCT3V-C0122, “3D-CE2.a: Results on results on simplification on the disparity vector derivation” by ETRI & Kyung Hee Univ. Cross-checking is performed for “Test 1.F” and “Test 2.F” shown in JCT3V-C0122. 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

Simulation results of the proposal (Test1.F and Test2.F) are respectively shown in Table 1 and Table 2. The simulations are done under common test conditions.

Table 1.Simulation result of the Test 1.F



Table 2. Simulation result of the Test 2.F



# References

[1] D. Rusanovskyy, K. Müller and A. Vetro, “Common Test Conditions of 3DV Core Experiments”, 2st JCT3V Meeting, JCT3V-B1100, Shanghai, CN, Oct. 2012.