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| **Joint Collaborative Team on 3D Video Coding Extension Development**  **of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11**  10th Meeting: Strasbourg, FR, 18–24 Oct. 2014 | Document: JCT3V-J0110 |

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| *Title:* | Cross-check on CE1-Test1 of Segmental prediction in 3D-HEVC (JCT3V-J0032) | | | |
| *Status:* | Input Document | | | |
| *Purpose:* | Proposal | | | |
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| *Source:* HiSilicon Technologies | | |  | |

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# Abstract

This contribution document reports the cross verification CE1 test1 results of CE1 proposal JCT3V-J0032. The source code was implemented based on HTM-12.0. We compiled, inspected, and ran the code of these cases with CTC. The cross-check has been completed successfully and the results match with the data provided by proponents of JCT3V-J0032.

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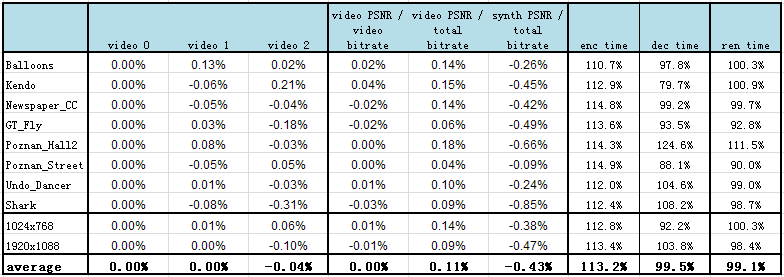
# Test description and crosscheck results

This document reports the cross-check results of JCT3V-J0032. The setting of the test case is set as follow:

#define MTK\_SEG\_TEST 1

The CE1 Test1 results of rate-distortion are illustrated in Table 1, which shows the test results of the CTC configurations. These results match the BD-rate results provided by proponents of JCT3V-J0032.

Table 1: BD rate results of CE1 Test1 for 3-view case under CTC



# Conclusion

The BD-rates results presented by MediaTek in JCT3V-J0032 Test1 are confirmed.

# References

1. K. Zhang, J. An, X. Zhang, H. Huang, J.-L. Lin, S. Lei, “3D-CE1: Segmental prediction in 3D-HEVC”, JCT3V-J0032, 10th Meeting: Strasbourg, FR, 18–24 Oct. 2014