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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**  5th Meeting: Vienna, AT, 27 July – 2 Aug. 2013 | Document: JCT3V- E0202 |

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| --- | --- | --- | --- |
| *Title:* | **Crosscheck on Inter-view motion vector prediction for depth coding (JCT3V-E0133)** | | |
| *Status:* | Input Document | | |
| *Purpose:* | Proposal | | |
| *Author(s) or Contact(s):* | Hongbin Liu ([hongbin.liu@lge.com](mailto:hongbin.liu@lge.com)) |  |  |
| *Source:* | LG Electronics | | |

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# Abstract

This contribution reports a cross-check of JCT3V-E0133. Experiment results perfectly match with that provided in JCT3V-E0133.

# Results

Results for both CTC and AI are tested.

Table 1: performance comparison with HTM-7.0r1 (CTC)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | video 0 | video 1 | video 2 | video PSNR / video bitrate | video PSNR / total bitrate | synth PSNR / total bitrate | enc time | dec time |
| Balloons | 0.00% | -0.43% | -0.51% | -0.19% | -0.20% | -0.34% | 78.2% | 103.3% |
| Kendo | 0.00% | -0.18% | -0.41% | -0.12% | -0.14% | -0.40% | 100.6% | 103.2% |
| Newspaper\_CC | 0.00% | -0.17% | -0.20% | -0.07% | -0.09% | 0.26% | 74.8% | 103.5% |
| GT\_Fly | 0.00% | 0.09% | -0.15% | -0.02% | 0.03% | -0.16% | 100.1% | 103.3% |
| Poznan\_Hall2 | 0.00% | -0.58% | -0.49% | -0.23% | -0.14% | -0.35% | 82.8% | 102.8% |
| Poznan\_Street | 0.00% | 0.10% | 0.25% | 0.03% | 0.03% | -0.04% | 86.1% | 103.6% |
| Undo\_Dancer | 0.00% | -0.35% | -0.22% | -0.09% | -0.08% | -0.34% | 100.3% | 102.9% |
| 1024x768 | 0.00% | -0.26% | -0.37% | -0.13% | -0.14% | -0.16% | 84.5% | 103.3% |
| 1920x1088 | 0.00% | -0.18% | -0.15% | -0.08% | -0.04% | -0.22% | 92.3% | 103.1% |
| **average** | **0.00%** | **-0.22%** | **-0.25%** | **-0.10%** | **-0.08%** | **-0.20%** | **89.0%** | **103.2%** |

# Conclusion

The result perfectly matches with JCT3V-E0133.