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| **Joint Collaborative Team on Video Coding (JCT-VC)**  **of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11**  12th Meeting: Geneva, CH, 14–23 Jan. 2013 | Document: JCTVC-L0194 |

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| *Title:* | **Non-TE5: Cross-checking results of On the effectiveness of temporal and base layer co-located motion vector prediction candidates** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Proposal | | |
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# Abstract

This contribution reports crosschecking results of JCTVC-L0073 on the effectiveness of temporal and base layer co-located motion vector prediction candidates. The simulation results reportedly matched those provided by the proponents.

# Introduction

In JCTVC-L0073, it was proposed to exclude temporal co-located motion vector from candidate list of motion vector prediction in enhancement layer to reduce memory requirement.

# Experimental results

We received the source code from the proponents, implemented in SMUC 0.1.1, and did a code study to verify that the proposed method was implemented as described. We used the common conditions generated from AHG10 in our experiments and ran simulations for the cases of RA and LDP.

The results match what was provided by the proponents and are summarized as follows.



# Conclusion

In this contribution, we have presented the results of our cross-check of JCTVC-L0073. The implemented algorithm is in line with the proponent’s description, and the simulation results also match that provided by the proponents.

# Patent rights declaration(s)

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