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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**  16th Meeting: San Jose, CA, 9 Jan. – 17 Jan. 2014 | Document: JCTVC-Oxxxx | | Document: JCTVC-P0309 |  |

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| *Title:* | **A cross-check report for JCTVC-P0301** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Information | | |
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# Abstract

This contribution summarizes Samsung’s cross-check for JCTVC-P0301 on Test C of the TU process and PU partitioning in Intra Block Copy. The simulation results (BD Rates and PSNR’s as verified by Samsung match closely with the results provided by the proponents in JCTVC-P0301 for Class F, RGB and YUV Screen Content sequences.

# Introduction

JCTVC-P0301 [1] proposes TU process and PU partitioning in Intra Block Copy. We cross-checked Test C the method implemented under common conditions for AhG 8 for RExt5.1 software.

# Simulation Results

## R-D Results

Detailed results are available in the attached Excel sheet. The BD Rates and PSNR’s for the tests matched with those provided by the proponents for Class F, RGB and YUV Screen Content sequences.

# Conclusions

We have cross-checked JCTVC-P0301 test C, and verified the simulation results.

# References

1. C.-C. Chen and W.-H. Peng, “ On the TU process and PU partitioning in Intra Block Copy”, JCTVC-P0113, San Jose, USA, Jan 2014.