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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**  20th Meeting: Geneva, CH, 10–18 Feb. 2015 | Document: JCTVC-T0222 |

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| *Title:* | **Cross-verification of JCTVC-T0193: Non-CE3: 2-D Intra String Copy in HEVC SCC** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Information | | |
| *Author(s) or Contact(s):* | Xiaoyu Xiu  9710 Scranton Rd, #250 San Diego, CA 92121, USA | Tel: Email: | + 1-858-210-4830 [Xiaoyu.Xiu@InterDigital.com](mailto:Xiaoyu.Xiu@InterDigital.com) |
| *Source:* | InterDigital Communications, LLC | | |

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# Abstract

This document presents the cross-verification results of JCTVC-T0193 on2D intra string copy. It is verified that all simulation results exactly match that provided by the proponent.

# Introduction

In JCTVC-T0193, This contribution presents a hybrid 1-D and 2-D string copy method for intra string copy coding. Specifically, for any given location, in addition to 1D string match, a 2D string copy with flexible width and height is also performed. If an area covered by the 2D-match has more pixels than the total pixels represented by a single 1D string, the 2D string copy mode is selected. Otherwise, a 1D string copy mode is selected.

# Results

The cross-checking simulation was launched using the software provided from the proponent. It is verified that all simulation results exactly match that provided by the proponent. The detailed simulation results can be found in the attached spreadsheets.

# References

1. W. Wang, M. Xu, Z. Ma, H. Yu, Non-CE3: 2-D Intra String Copy in HEVC SCC, JCTVC-T0193, Feb. 2015, Geneva, Switzerland.