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| *Title:* | **CE1:cross-verification of method 2 on 444 and method 1 on 420 sequences** | | |
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| *Purpose:* | Information | | |
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# Abstract

This document presents the cross-verification results of Method 2 on 444 sequences and Method 1 on 420 sequences for CE1 on chroma de-blocking filtering. It is verified that the implementation is consistent with the algorithm described in the contribution document and all simulation results exactly match that provided by the proponent.

# Introduction

This document presents the cross-verification results CE1 on chroma de-blocking filtering. Specifically, the results of Method 2 on 444 sequences and Method 1 on 420 sequences were cross-checked in this document. In Method 1, it is proposed to perform chroma deblocking for all edges that have a Bs value larger than 0. In Method 2, it is proposed to perform for chroma the same de-blocking filtering process as that of luma. It is verified that the software implementation is consistent with the algorithm described in JCTVC-V0021 and all simulation results exactly match that provided by the proponent. The detailed simulation results can be found in the attached spreadsheets.

# References

1. [A. Tourapis](mailto:atourapis@apple.com), [W.Kim](mailto:wooshikk@qti.qualcomm.com), [K. Rapaka](mailto:krapaka@qti.qualcomm.com), [X. Xiu](mailto:Xiaoyu.Xiu@InterDigital.com), CE1: summary report on chroma deblocking filtering, JCTVC-V0021, Oct., 2015, Geneva, Switzerland.