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| *Title:* | **CE6.d: Cross Check Result for Sharp’s Parallel Intra Coding (JCTVC-F605)** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Information | | |
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# Abstract

This document describes cross check results for the “stripe” configuration of Sharp’s proposal JCTVC-F605 on parallel intra coding in CE6.d. The BD-rate results match the proponent’s results.

# Cross Check Results

The following specifies the configuration that is cross checked:

* Configuration 1: Stripe
  + Prediction order (0,1) in parallel, then (2,3) in parallel block; (0,1) use 8x8 block neighbors, (2,3) use 8x4 block neighbors including the reconstructed (0,1)

Table 1 enumerates the BD-rate results for configuration 1, with respect to the HM3.0 anchor (all intra only).

Table BD-rate results for parallel intra coding configuration 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | All Intra HE | | | All Intra LC | | |
| Y | U | V | Y | U | V |
| Class A | 0.9 | 0.2 | 0.3 | 0.9 | 0.6 | 0.7 |
| Class B | 1.0 | 0.6 | 0.5 | 1.3 | 0.9 | 0.8 |
| Class C | 1.5 | 1.1 | 1.1 | 1.8 | 1.3 | 1.1 |
| Class D | 1.8 | 1.5 | 1.4 | 2.0 | 1.5 | 1.5 |
| Class E | 1.5 | 0.6 | 0.8 | 1.6 | 0.5 | 0.7 |
| **Overall** | **1.3** | **0.8** | **0.8** | **1.5** | **1.0** | **1.0** |
| Enc Time[%] | 102% | | | 105% | | |
|  |  | | |  | | |

# Conclusion

The BD-rate results for the “stripe” configuration of Sharp’s parallel intra proposal (JCTVC-F605) match the proponent’s results.