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| *Title:* | **HDR CE6: Cross-check of 6.4.6a (Philips)** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Information | | |
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# Abstract

1. **Experiment Overview**

This document reports the crosscheck results obtained for the Philips CE6.4.6a proposal. A version of the HDRTools package provided by Philips was used in generating the SDR sequences. The SDR sequences were then encoded and the corresponding bitstreams decoded using HM16.7 provided to obtain the reconstructed SDR. Reconstructed HDR’s were then generated from them. Finally the objective metrics were calculated using HDRTools.

1. **Crosscheck Results**

All sequences have been tested and checked. All the objective metrics as mentioned by the requirements document matched. The md5sums at various points during the processing are also an exact match. A memory leakage issue had been identified, and had been fixed by the proponent, leading to a final completion of the cross-check. A sample viewing of the coded reconstructed videos showed no unusual coding artifacts other than the standard ones arising from compression. This crosscheck is complete.