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| *Title:* | **Cross check of JCTVC-X0046: Draft supplemental SHVC verification test plan** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Report | | |
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# Abstract

This document reports the crosscheck results for the proposed supplemental SHVC verification tests in JCTVC-X0046. Objective metrics matched those results provided in JCTVC-X0046. Subjective viewing was also conducted.

# Objective metrics

The SHM-11.0 was patched using the software patched provided in JCTVC-X0035 “SHM encoder improvements for HDR verification testing”, which is an informative document accompanying the draft verification test plan in JCTVC-X0043. Simulation was conducted using the test sequences and the config files provided in JCTVC-X0043 and JCTVC-X0035. The objective results match those provided in JCTVC-X0043. Detailed results can be found in the attached excel datasheets.

# Subjective viewing

Subjective viewing was conducted by the cross-checkers on SIM2 display. It is asserted that for most of the rate points selected in JCTVC-X0043, SHVC and HEVC single layer have similar subjective quality. For a few sequences (for example EBU\_Starting and WarmNight), SHVC has better subjective quality at the lower rate points (R3 and R4).