DCI Digital Cinema Initiatives, LLC

REVISION TO DCI *DIGITAL CINEMA SYSTEM SPECIFICATION*

COMPLIANCE TEST PLAN, VERSION 1.2

CTP Revision items continue to be evaluated and will be posted after agreement by the DCI membership that the specific CTP Revision needs to modify the DCI Digital Cinema System Specification, Compliance Test Plan, Version 1.2. Suggested CTP Revision issues may be emailed to dci.info@dcimovies.com. Please include "CTP Revision" in the subject line.

DCI DCSS CTP v1.2 REVISION   16 FEBRUARY 2017

Revision Date	Revision Stage Type	CTP v1.2 Page No.	Sections Affected	Problem Description	Revision Description
February 16, 2017	1	268	6.5.2. Decoder Requirements	Testing of decoders with dual-link SDI output has uncovered incorrect test processes, and ambiguous pass/fail requirements.	Replace text as indicated below.

Current CTP 1.2 Text – Section 6.5.2 – Procedure Test 1 iii A.:

A. In the case where the MB provides image data to the projector via dual 1.5 Gb/s (or single 3 Gb/s) SDI link, [DCI-DCSS-1-2] Sec. 2.1.1.4 allows chroma subsampling on 48 fps images (i.e. 4:2:2). In this case, patches P2 and P5 of the 2K test image are expected to be displayed with chroma blending. Patch P3 may display chroma blending, depending on the coincidence of the 2X horizontal source pixels and the subsampling algorithm. Patch P6 is expected to be reproduced discretely, with no visible chroma blending. No blending shall be visible for any of the patches P7, P8, P10 and P11. The number of lines displayed in each pattern shall be sixty (60). Failure to display the correct number of lines, or appearance of chroma blending deviating from the above shall be cause to fail the test.

Revised CTP 1.2 Text – Section 6.5.2 – Procedure Test 1 iii A.:

A. In the case where the MB provides image data to the projector via dual 1.5 Gb/s (or single 3 Gb/s) SDI link, [DCI-DCSS-1-2] Sec. 2.1.1.4 allows chroma subsampling on 48 fps images (i.e. 4:2:2). In this case, patch P5 of the 2K test image is expected to be displayed with chroma blending. Patch P3 may display chroma blending, depending on the coincidence of the 2X horizontal source pixels and the subsampling algorithm. Patch P6 is expected to be reproduced discretely, with no visible chroma blending. No blending shall be visible for any of the patches P7, P8, P10 and P11. The number of lines displayed in patterns P7 and P10 shall be thirty (30). The number of lines displayed in patterns P8 and P11 shall be sixty (60). Failure to display the correct number of lines in each of the panels P7, P8, P10 and P11 shall be cause to fail the test. Appearance of chroma blending deviating from the above shall be cause to fail the test.