

Summary of Errata and Clarifications to the HDCP Compliance Test Specification, Rev 1.1

Under Test case 1A-01 Regular Procedure: With HDMI Capable Receiver

Replace the following

(STEP TP02)Confirm the video signal is transmitted to an unauthenticated Receiver

- DUT reads EDID and begins sending unencrypted video signal (EESS: ENC_DIS) by HDMI protocol (i.e. one Data island at least once per two video fields).
 - If DUT begins the first part of authentication before starting to send video signal, then FAIL. (Refer to 'Ref-1A-1')

with

(STEP TP02)Confirm the video signal is transmitted to an unauthenticated Receiver

- DUT reads EDID and begins sending unencrypted video signal by HDMI protocol (i.e. one Data island at least once per two video fields).
 - If DUT begins the first part of authentication before starting to send video signal, then FAIL. (Refer to 'Ref-1A-1')

Under Test case 1A-01 Regular Procedure: With HDMI Capable Receiver

Replace the following

(STEP T104)Verify the timing of HDCP Encryption enabled

- DUT enables HDCP Encryption from disabled state (i.e. EESS: ENC_DIS -> ENC_EN) after reading R0'.
 - If DUT enables HDCP Encryption before reading the whole two bytes of R0', then FAIL. (Refer to 'Ref-1A-8')

with

(STEP T104)Verify the timing of HDCP Encryption enabled

- DUT enables HDCP Encryption after reading R0'.
 - If DUT enables HDCP Encryption before reading the whole two bytes of R0', then FAIL. (Refer to 'Ref-1A-8')

Under Test case 1A-04 Irregular Procedure: (First part of authentication) HDCP port access

Replace the following

[Before starting authentication]

- TE asserts HPD. Its EDID is readable but HDCP port isn't.
- DUT reads EDID and begins sending unencrypted video signal (EESS: ENC_DIS) by HDMI protocol (i.e. one Data island at least once per two video fields).

with

[Before starting authentication]

- TE asserts HPD. Its EDID is readable but HDCP port isn't.
- DUT reads EDID and begins sending unencrypted video signal by HDMI protocol (i.e. one Data island at least once per two video fields).

Under Test case 1A-06 Irregular Procedure: (First part of authentication) Verify R0'

Replace the following

Verify the comparison between R0 and R0'

- After reading R0', DUT does not enable HDCP Encryption (i.e. keeps EESS: ENC_DIS).
- If DUT enables and keeps HDCP Encryption after reading invalid R0', then FAIL. (Refer to 'Ref-1A-17')

with

Verify the comparison between R0 and R0'

- After reading R0', DUT does not enable HDCP Encryption
- If DUT enables and keeps HDCP Encryption after reading invalid R0', then FAIL. (Refer to 'Ref-1A-17')

Under Test case 2C-01 Regular Procedure: With HDMI-capable Transmitter

Replace the following

(STEP SP03)

- TE begins sending unencrypted video signal (EESS: ENC_DIS) by HDMI protocol (i.e. one Data island at least once per two video fields).
- After DUT detects a Data Island, it sets Bstatus: HDMI_MODE to one.

with

(STEP SP03)

- TE begins sending unencrypted video signal by HDMI protocol (i.e. one Data island at least once per two video fields).
- After DUT detects a Data Island, it sets Bstatus: HDMI_MODE to one.

Under Test case 2C-01 Regular Procedure: With HDMI-capable Transmitter

Replace the following

(STEP S104)

- TE enables HDCP Encryption. (i.e. EESS: ENC_DIS -> ENC_EN)

with

(STEP S104)

- TE enables HDCP Encryption.

Under Test case 2C-02 Irregular Procedure: (First part of authentication) New Authentication

Replace the following

Verify R0' compared with R0

- DUT calculates R0' using the latest An.
- TE reads R0' after 100 ms from the time that TE finished writing the latest Aksv and compares R0' with R0.
 - If R0' does not equal to its own calculation R0, then FAIL. (Refer to 'Ref-2C-11')
- TE enables HDCP Encryption. (i.e. EESS: ENC_DIS -> ENC_EN).

with

Verify R0' compared with R0

- DUT calculates R0' using the latest An.
- TE reads R0' after 100 ms from the time that TE finished writing the latest Aksv and compares R0' with R0.
 - If R0' does not equal to its own calculation R0, then FAIL. (Refer to 'Ref-2C-11')

- TE enables HDCP Encryption.

Under Test case 3C-I-03 Irregular Procedure: (First part of authentication) New Authentication
Replace the following

Verify R0' compared with R0

- DUT calculates R0' using the latest An.
- TE reads R0' after 100 ms from the time that TE finished writing the latest Aksv and compares R0' with R0.
 - If R0' does not equal to its own calculation R0, then FAIL. (Refer to 'Ref-3C-11')
- TE enables HDCP Encryption. (i.e. EESS: ENC_DIS -> ENC_EN).

with

Verify R0' compared with R0

- DUT calculates R0' using the latest An.
- TE reads R0' after 100 ms from the time that TE finished writing the latest Aksv and compares R0' with R0.
 - If R0' does not equal to its own calculation R0, then FAIL. (Refer to 'Ref-3C-11')
- TE enables HDCP Encryption.