Summary of Errata and Clarifications to the HDCP Revision 2.3 on HDMI Compliance Test Specification

Page 10 <Configuration of TE>

Replace:

| LC_Send_L_prime | L' | Valid (within 20 ms timeout) |

With:

| LC_Send_L_prime | L' | Valid |

Page 12 (**1A-01-4**)

Replace:

☐ TE computes L' and sends LC_Send_L_prime message within 20 ms timeout at the transmitter

With:

☐ TE computes L' and makes LC_Send_L_prime message available to be read by the transmitter
☐ DUT must attempt to read LC_Send_L_prime
   ➤ If DUT does not attempt to read LC_Send_L_prime before writing SKE_Send_Eks message, then FAIL

Page 31, **1A-13**, replace the paragraph under **Test Objective** with:

Verify the Source DUT considers it a failure of authentication if the Receiver provides a value for L' that does not match L.

Page 32 (**1A-13-3**)

Replace:

☐ TE does not respond with LC_Send_L_prime within 20 ms after transmission of LC_Init

With:

☐ TE does not respond with LC_Send_L_prime after transmission of LC_Init

Page 32 (**1A-13-4**)

Replace:

☐ DUT restarts Authentication and Key Exchange
  ➢ If DUT enables HDCP Encryption, then FAIL(Ref-1A-2)
☐ If DUT restarts Authentication and Key Exchange and performs (STEP 1A-01-2) as described in '1A-01 Regular Procedure – With previously connected Receiver (With stored k_m, then PASS
  ➢ If DUT does not attempt to re-start authentication by performing (STEP 1A-01-2) within 2 seconds after timeout, then FAIL (Ref-1A-1)

With:

☐ (a) DUT may implement SKE even if LC_Send_L_prime message is not received

or

☐ (b) DUT may restart authentication by sending AKE_Init
☐ In both cases (a) and (b) above, PASS

Page 35 <TE Configuration>

Replace:

| LC_Send_L_prime | L' | Valid (within 20 ms timeout) |

With:

| LC_Send_L_prime | L' | Valid |

Page 56 (**STEP 2C-01-8**)

Replace:

➢ If DUT does not transmit LC_Send_L_prime message within 20 ms of transmission of LC_Init message, then FAIL (Ref-2C-4)

With:

➢ If DUT does not transmit LC_Send_L_prime message, then FAIL

Page 69, **3A-07**, replace the paragraph under **Test Objective** with:

Verify the Repeater DUT considers it a failure of authentication if the Receiver provides a value for L' that does not match L.

Page 95, **3C-10**, replace the paragraph under **Test Objective** with:

> Verify the Repeater DUT considers it a failure of authentication and does not send RepeaterAuth_Send_ReceiverID_List message when the Receiver provides a value for L' that does not match L.

Page 95 (**STEP 3C-10-1**)

Replace

- ☐ DUT reads invalid L' of downstream pseudo-Sink
  - ➢ If DUT enables HDCP Encryption, then FAIL (Ref-1A-2)

With:

- ☐ DUT reads invalid L' of downstream pseudo-Sink
  - ➢ If DUT enables HDCP Encryption, then FAIL (Ref-1A-2)
  - ➢ If DUT does not attempt to read LC_Send_L_prime before writing SKE_Send_Eks message, then FAIL
- ☐ TE (pseudo-Source) waits for DUT to transmit RepeaterAuth_Send_ReceiverID_List message for a maximum time of 3 seconds
  - ➢ If DUT transmits RepeaterAuth_Send_ReceiverID_List message, then FAIL (Ref3C-5)
- ☐ If DUT treats invalid downstream L' as an authentication failure and does not transmit RepeaterAuth_Send_ReceiverID_List to the upstream TE (pseudo-Source), then PASS

Page 95 (**STEP 3C-10-2**)

Replace:

- ☐ TE (pseudo-Sink) does not provide LC_Send_L_prime message within 20 ms timeout at the DUT
  - ➢ If DUT enable HDCP encryption, then FAIL (Ref-1A-2)

With:

- ☐ TE (pseudo-Sink) does not respond with LC_Send_L_prime after transmission of LC_Init
- ☐ (a) DUT may implement SKE and transmit RepeaterAuth_Send_ReceiverID_List to the TE (pseudo-Source) even if LC_Send_L_prime message is not received

> OR

- ☐ (b) DUT may not transmit the RepeaterAuth_Send_ReceiverID_List to the TE (pseudo-Source)
- ☐ In both cases (a) and (b), PASS

Page 96, delete (**STEP 3C-10-3)**

Page 100 <Configuration of TE>

Replace:

LC_Send_L_prime	L'	Valid (within 20 ms timeout)

With:

LC_Send_L_prime	L'	Valid

Reference
Errata to HDCP on HDMI Specification Revision 2.3