HDCP Test Application and Product Capability Form

This form is to be utilized by HDCP adopters wishing to have their products tested by an HDCP Authorized Test Center (ATC). The "Applicant Contact Information" and "Product Capability Parameter" sections must be filled out in their entirety to ensure accurate test reports. Upon completion, this form and test log files shall be returned to the adopter and a copy retained by the Digital Content Protection, LLC and the ATC.

Notice

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The Compliance test is intended as an aid to the correct implementation of the Compliance Rules for hardware and software implementations of the HDCP Specification in a Licensed Product. Licensor strongly recommends that you complete this testing for each hardware model or software version of a Licensed Product before releasing any product and at a sufficiently early date in design, as well as during production, to avoid product compliance redesign delays. The testing does not address all requirements necessary to create a product that is Compliant. Failure to perform the tests and analysis necessary to comply fully with the HDCP Specification, Compliance Rules or Robustness Rules could result in a breach of the HDCP License Agreement and appropriate legal action of Licensor and Eligible Content Participants.

Successful completion of all tests for a given type of device does not earn or imply, directly or indirectly, any certification, endorsement or other statement of fitness for use by the DCP, LLC. Test results and reports are for the information of the licensee and intended solely as an aid to help determine if their implementation meets the requirements of the Compliance rules in the license agreement.

Disputes arising in connection with HDCP Compliance Testing regarding Pass or Fail outcomes as performed by an Authorized Test Center should be communicated to the DCP LLC HDCP Lab, hdcplab@vtm-inc.com, within 30 days of the initial testing. The Lab will examine the reports and files and may request that the DUT in question be submitted to the Lab for further testing. The decisions of the Lab with regard to an appeal of Pass or Fail outcomes will be final. Applicant agrees that all test logs and other records may be sent to DCP LLC HDCP Lab by any ATC on request.

Applicant Contact Information

Please Print in English. Add company name and product model number to file name when saving i.e. "Acme DVD101 HDCP Test Application and Product Capability for ATC". Please fill out all highlighted sections (as applicable).

Company Name	Legend Sky
Primary Contact	Ken Taurus
Address 1	
Address 2	
City	
State or Province	
Postal Code	
Country	
Email	3dfury@gmail.com
Phone	
Product Model #	
Product Serial #	
SW/FW rev.	
Device Type (source, sink, repeater)	Repeater
Product Description	HD Fury 4k Integral
Power Supply Volts, Amps, Frequency	
If Family Test, list all model #s to be qualified by this model (those that utilize the same HDMI / HDCP interface and firmware as the device tested):	

Device Operating Instructions:

Compliance tests are performed at 480P or 720P resolution and RGB color space. The test equipment will send an EDID with this information. If your device can be set to this mode, provide instructions to do so here:

Testing requires that the device output encrypted content. Provide any instructions needed to invoke this mode of operation here:

If your device has multiple input and/or output ports, provide instructions to switch between those ports here:

Product Capability Parameter (PCP)

Please Check all categories that apply to your product and fill in the required information.
Note: For products that meet multiple categories and/or have multiple ports, all permutations and data paths will be tested.
Note: Please delete sections that do not apply to your device.

☐   ### Source Capability

Source_Multiple_Outputs	Does the DUT support transmission of HDCP-protected content to more than one downstream device at the same time?(Y/N)	

☐   ### Sink Capability

Multiple Inputs	Enter the number of Input ports for the device	

☒   ### Repeater Capability

Note: If repeater supports a consumer source or a consumer sink function (as indicated on the HDMI CDF), please check Source and / or Sink as applicable.

Repeater_MultipleOutputs	Enter the number of input and output ports for the DUT i.e. 3 In, 2 Out	

Test Results

The ATC will provide the following information to the DCP LLC regardless of a passing or failing mark. DCP LLC will only post product information and results on the publicly available website at the discretion of the adopter.

Authorized Test Center Information

Model Number of Product Tested	
Category (Transmitter, Receiver, Repeater)	Repeater
Test Conducted By	Zach Uhles
Date Testing Started	Jul 10, 2017
Date Testing Completed	Jul 17, 2017
Approved by	
Signature (if needed by ATC policy):	

Overall Test Results	**Pass**

Repeater Test Results

<table>
<tr><td colspan="3" align="center">For Repeater Test</td></tr>
<tr><td>Test Equipment</td><td>Make, Model, Serial</td><td>SW Rev.</td></tr>
<tr><td>TE</td><td>SL-8800</td><td>2.03</td></tr>
</table>

For Multiple Input and Output Port DUTs

	Input	Output	Result	Notes:
Primary Test			PASS	Inquire for detailed report
Additional				(for Port mark "Input 1", "Input 2", "Output 1", "Output 2", …
				(Result mark "Pass", "Fail")

Repeater Test	Pass Fail Skip
3A-01. Regular Procedure – With previously connected Receiver (With stored k_m)	**Pass**
Notes:	
3A-02. Regular Procedure – With newly connected Receiver (Without stored k_m)	**Pass**
Notes:	
3A-03. Irregular Procedure – Rx certificate not received	**Pass**
Notes:	
3A-04. Irregular Procedure – Verify Receiver Certificate	**Pass**
Notes:	
3A-05a. Irregular Procedure – Invalid H'	**Pass**
Notes:	
3A-05b. Irregular Procedure – AKE_Send_H_prime timeout after AKE_Stored_km	**Pass**
Notes:	
3A-05c. Irregular Procedure – AKE_Send_H_prime timeout after AKE_No_Stored_km	**Pass**
Notes:	
3A-06. Irregular Procedure – Pairing Failure	**Pass**
Notes:	
3A-07a. Irregular Procedure – Locality Failure – Invalid L'	**Pass**
Notes:	
3A-07b. Irregular Procedure - Locality Failure – LC_Send_L_prime message timeout	**Pass**
Notes:	

Repeater Test (cont.)	Pass Fail Skip
3B-01. Regular Procedure – With Repeater	**Pass**
Notes:	
3B-02. Irregular Procedure – Timeout of Receiver ID list	**Pass**
Notes:	
3B-03. Irregular Procedure – Verify V'	**Pass**
Notes:	
3B-04. Irregular Procedure – MAX_DEVS_EXCEEDED	**Pass**
Notes:	
3B-05. Irregular Procedure – MAX_CASCADE_EXCEEDED	**Pass**
Notes:	
3B-06. Irregular Procedure – Rollover of *seq_num_V*	**Pass**
Notes:	
3B-07a. Irregular Procedure – Failure of Content Stream Management – Incorrect value for M'	**Pass**
Notes:	
3B-07b. Irregular Procedure – Failure of Content Stream Management – Timeout of RepeaterAuth_Stream_Ready message	**Pass**
Notes:	

Repeater Test (cont'd)	Pass Fail Skip
3C- 01a. Regular procedure – Transmitter – DUT – Receiver - Content Stream Management done in serial with propagation of topology information	**Pass**
Notes:	
3C- 01b. Regular procedure: Transmitter – DUT – Receiver – Content Stream Management done in parallel with propagation of topology information	**Pass**
Notes:	
3C-02. Regular procedure – ReceiverID_List Propagation when an Active Receiver is Disconnected Downstream	**Skip**
Notes:	
3C-03. Regular Procedure – ReceiverID_List Propagation when an Active Receiver is Connected Downstream	**Skip**
Notes:	
3C-04. Irregular Procedure – New Authentication after AKE_Init	**Pass**
Notes:	
3C-05. Irregular Procedure – New Authentication during Locality Check	**Pass**
Notes:	
3C-06. Irregular Procedure – New Authentication after SKE_Send_Eks	**Pass**
Notes:	
3C-07. Irregular Procedure – New Authentication during Link Synchronization	**Pass**
Notes:	
3C-08. Irregular Procedure – Rx Certificate invalid	**Pass**
Notes:	
3C-09a. Irregular Procedure – Invalid H'	**Pass**
Notes:	
3C-09b. Irregular Procedure – AKE_Send_H_prime timeout after AKE_Stored_km	**Pass**
Notes:	
3C-10a. Irregular Procedure – Locality Failure – Invalid L'	**Pass**
Notes:	
3C-10b. Irregular Procedure – Locality Failure – LC_Send_L_prime message timeout	**Pass**
Notes:	

Repeater Test (cont'd)	Pass Fail Skip
3C-11. Regular Procedure – Transmitter – DUT – Repeater (With stored km)	**Pass**
Notes:	
3C-12. Regular Procedure – Receiver disconnect after AKE_Init	**Pass**
Notes:	
3C-13. Regular Procedure – Receiver disconnect after k_m	**Pass**
Notes:	
3C-14. Regular Procedure – Receiver disconnect after locality check	**Pass**
Notes:	
3C-15. Regular Procedure – Receiver disconnect after k_s	**Pass**
Notes:	
3C-16. Irregular Procedure – Timeout of Receiver ID list	**Pass**
Notes:	
3C-17. Irregular Procedure – Verify V'	**Pass**
Notes:	
3C-18. Irregular Procedure – DEVICE_COUNT	**Pass**
Notes:	
3C-19. Irregular Procedure – DEPTH	**Pass**
Notes:	
3C-20. Irregular Procedure – MAX_DEVS_EXCEEDED	**Pass**
Notes:	
3C-21. Irregular Procedure – MAX_CASCADE_EXCEEDED	**Pass**
Notes:	
3C-22. Regular Procedure – Repeater with zero downstream device	**Pass**
Notes:	
3C-23. Regular Procedure – Propagation of HDCP_2_0_REPEATER_DOWNSTREAM flag	**Pass**
Notes:	
3C-24. Regular Procedure – Propagation of HDCP1_DEVICE_DOWNSTREAM flag	**Pass**
Notes:	
3C-25a. Regular Procedure – Content Stream Management – Valid M'	**Pass**
Notes:	

3C-25b. Irregular Procedure – Content Stream Management – Invalid M'	**Pass**
Notes:	
3C-25c. Irregular Procedure – Content Stream Management – Timeout of RepeaterAuth_Stream_Ready message	**Pass**
Notes:	