

Table A

Authorized Digital Output Protection Technologies	Associated Obligations															
<p>Digital Transmission Content Protection (“DTCP”)</p> <ul style="list-style-type: none"> • <i>Proposed by Digital Transmission Licensing Administrator, LLC (“DTLA”) to qualify under at least criterion 2 of the criteria proposed by MPAA, CIG and 5C companies. “Use or approval” under that criterion confirmed by Sony Pictures Entertainment and Warner Bros.</i> • <i>Supported by MPAA companies</i> • <i>Philips does not agree that DTCP meets criterion 2 or Philips’s proposed criteria, and does not agree to inclusion of DTCP.</i> • <i>See Report ¶ 6.6.1.1</i> 	<p>When passing Unscreened Content or Marked Content to an output protected by DTCP, a Covered Product shall: (a) carry any DTCP System Renewability Messages delivered in association with such content (in a manner to be defined, e.g. by ATSC) to the DTCP Source Function, and (b) set the following fields of the DTCP Descriptor to the indicated binary values:</p> <table border="0"> <tr> <td>APS:</td> <td>00</td> <td>(copy-free),</td> </tr> <tr> <td>DTCP_CCI:</td> <td>00</td> <td>(copy-free),</td> </tr> <tr> <td>EPN:</td> <td>0</td> <td>(EPN-asserted),</td> </tr> <tr> <td>Image_Constraint-Token:</td> <td>1</td> <td>(not constrained),</td> </tr> <tr> <td>Retention_State:</td> <td>000</td> <td>(forever).</td> </tr> </table> <p>Capitalized terms used in the foregoing but not otherwise defined in Section X shall have the meaning set forth in the DTCP Specification and DTCP Adopter Agreement.</p>	APS:	00	(copy-free),	DTCP_CCI:	00	(copy-free),	EPN:	0	(EPN-asserted),	Image_Constraint-Token:	1	(not constrained),	Retention_State:	000	(forever).
APS:	00	(copy-free),														
DTCP_CCI:	00	(copy-free),														
EPN:	0	(EPN-asserted),														
Image_Constraint-Token:	1	(not constrained),														
Retention_State:	000	(forever).														

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<p>High-bandwidth Digital Content Protection (“HDCP”)</p> <ul style="list-style-type: none">• <i>Proposed by Digital Content Protection, LLC (“DCP”). Asserted by DCP to qualify under at least criterion 4 of the criteria proposed by MPAA, CIG and 5C companies. “Expressly named as being permitted to be used” under that criterion confirmed by DTLA.</i>• <i>Supported by MPAA companies</i>• <i>Philips does not agree that HDCP meets criterion 4 or Philips’s proposed criteria, and does not agree to inclusion of HDCP.</i>• <i>See Report ¶ 6.6.1.2</i>	<p>When passing Unscreened Content or Marked Content to an output protected by HDCP, a Covered Product shall:</p> <ul style="list-style-type: none">(a) carry any HDCP System Renewability Message delivered in association with such content (in a manner to be defined, e.g. by ATSC) to the HDCP Source Function and,(b) verify that the HDCP Source Function is fully engaged and able to deliver protected content, which means--<ul style="list-style-type: none">(i) HDCP encryption is operational on such output,(ii) processing of the valid received System Renewability Message associated with such content, if any, has occurred as defined in the HDCP Specification and(iii) there is no HDCP Display Device or Repeater on such output whose Key Selection Vector is in such System Renewability Message. <p>Capitalized terms used in the foregoing but not otherwise defined in Section X shall have the meaning set forth in the HDCP Specification and HDCP License Agreement.</p>

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nVSB modulation <ul style="list-style-type: none">• <i>Proposed by Philips</i>• <i>MPAA companies objected to this proposal. See Report ¶ 5.8</i>	[All applicable laws and regulations]

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<p>Open Copy Protection System ("OCPS")</p> <ul style="list-style-type: none">• <i>Proposed by Philips. Asserted by Philips to qualify under the criteria proposed by Philips, and under criterion 3 of the criteria proposed by MPAA, 5C and CIG companies as being "at least as effective" as DTCP.</i>• <i>MPAA companies have questions and concerns about the technology, and do not agree to inclusion on Table A at this time.</i>• <i>See Report ¶ 6.6.2 - 6.6.2.1</i>	<p>When passing Unscreened Content or Marked Content to an output protected by OCPS, a Covered Product shall:</p> <ul style="list-style-type: none">(a) carry any OCPS Revocation Notice delivered in association with such content (in a manner to be defined, e.g. by ATSC) to the OCPS Source Function, and(b) set the OCPS Copy Control Information ("OCCI") bits to the indicated binary values:<ul style="list-style-type: none">(i) in the case of unrestricted content, set to 0x0(ii) in the case of Unscreened Content, set to 0x1(iii) in the case of Marked Content, set to 0x2

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Authorized Digital Output Protection Technologies	Associated Obligations
<p>Windows Format SDK with DRM Security Component</p> <ul style="list-style-type: none">• <i>Proposed by Microsoft. Asserted by Microsoft to qualify under criteria 1 and 2 of the criteria proposed by MPAA, CIG and 5C companies.</i>• <i>MPAA companies have questions about the technology and do not agree to inclusion on Table A at this time.</i>• <i>See Report ¶ 6.6.1.5</i>	<p>In lieu of language drafted as Associated Obligations, Microsoft submitted the following information:</p> <p>Windows DRM Secure Component is used by Covered Products to validate licenses and decrypt protected audio and visual content. Microsoft and Covered Products enforce integrity of protected content in the following ways:</p> <p>Renewability of compromised security components: In the case of a security breach, Microsoft will coordinate with Content Providers (including Major and affiliate studios, Major Television Broadcast Groups) and the Covered Product licensees to roll out a security fix plan, and generate new, Individualized security components for consumers. Licensees will get instruction on setting the IndividualizedVersion property in the header of the audio visual content to a higher version than the existing one. The consumers will be directed to a Microsoft Web site to upgrade their security components.</p> <p>Enforcement of Revocation: To prevent a compromised Covered Product from accessing protected audio and visual content, Covered Products that have been discovered to be compromised can have their certificate revoked in accordance with specified change management procedures. Content Providers and or their License issuers periodically download the list of revoked Covered Products from Microsoft (http://licenseserver.windowsmedia.com/) and include it in all licenses that are issued. When playing back protected audio and visual content, Covered Products read the license associated with the protected audio visual content to ensure content can only be played back on uncompromised Covered Product.</p>

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Authorized Recording Methods	Associated Obligations
<p>Content Protection for Recordable Media (“CPRM”)</p> <ul style="list-style-type: none">• <i>Proposed by 4C Entity, LLC (“4C”). Asserted by 4C to qualify under at least criterion 4 of the criteria proposed by MPAA, CIG and 5C companies. “Expressly named as being permitted to be used” under that criterion confirmed by DTLA.</i>• <i>Supported by MPAA companies</i>• <i>Philips does not agree that CPRM meets criterion 4 or Philips’s proposed criteria, and does not agree to inclusion of CPRM.</i>• <i>See Report ¶ 6.6.1.3</i>	<p>When recording Unscreened Content or Marked Content using CPRM, a Covered Product shall set the copy control information of such recording to No Redistribution.</p>

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<p>D-VHS system (“D-VHS”)</p> <ul style="list-style-type: none">• <i>Proposed by Victor Company of Japan, Limited (“JVC”). Asserted by JVC to qualify under at least criterion 4 of the criteria proposed by MPAA, CIG and 5C companies. “Expressly named as being permitted to be used” under that criterion confirmed by DTLA.</i>• <i>Supported by MPAA companies</i>• <i>Philips does not agree that D-VHS meets criterion 4 or Philips’s proposed criteria, and does not agree to inclusion of D-VHS.</i>• <i>See Report ¶ 6.6.1.4</i>	<p>When recording Unscreened Content or Marked Content, a D-VHS recorder shall set the copy control information of such recording so as to prevent unauthorized redistribution.</p>

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Authorized Recording Methods	Associated Obligations
<p>Windows Rights Manager SDK</p> <ul style="list-style-type: none">• <i>Proposed by Microsoft. Asserted by Microsoft to qualify under criteria 1 and 2 of the criteria proposed by MPAA, CIG and 5C companies.</i>• <i>MPAA companies have questions about the technology and do not agree to inclusion on Table A at this time</i>• <i>See Report ¶ 6.6.1.5</i>	<p>In lieu of language drafted as Associated Obligations, Microsoft submitted the following information:</p> <p>Windows Rights Manager SDK can used by Content Providers or their designates to encrypt content and specify distribution criteria and business rules. It is also used by License Servers to issue licenses for protected audio and visual content.</p> <p>Flexible and robust distribution criteria and business rules: Using Windows Right Manager SDK, Major and affiliate studios and Major Television Broadcast Groups can specify the type of hardware device or Covered Products that protected audio and visual content can be transferred to. An example of how portable media rights are expressed within a license:</p> <pre>= <ONACTION type="CREATE_PM_LICENSE"> = <CONDITION> - <![CDATA[pmlicense.rights = 17;pmlicense.appseclevel = 1000;1]]> </CONDITION> </ONACTION></pre> <p>The following are examples of how to create a license:</p> <pre>RightsObj.AllowPlayOnPC = True RightsObj.DisableOnClockRollback = True RightsObj.AllowTransferToSDMI = True RightsObj.TransferCount = 10 RightsObj.Playcount = 100 RightsObj.ExpirationDate = "#20001231Z#" RightsObj.PMExpirationDate = "#20000930Z#"</pre> <p>Support for Covered Product revocation: As stated under the Authorized Digital Output Protection Technologies section, Content Providers and or their license issuers periodically download the list of revoked Covered Products from Microsoft (http://licenseserver.windowsmedia.com/) and include it in all licenses that are issued.</p> <p>Support for renewability: Under the change management licensing terms of Windows Rights Manager SDK, license issuers shall execute on the security fix plan requested by Microsoft in case a security breach occurs.</p>