Federal Communications Commission

§ 15.123 Labeling of digital cable ready products.

(a) The requirements of this section shall apply to unidirectional digital cable products. Unidirectional digital cable products are one-way devices that accept a Point of Deployment module (POD) and which include, but are not limited to televisions, set-top-boxes and recording devices connected to digital cable systems. Unidirectional digital cable products do not include interactive two-way digital television products.

(b) A unidirectional digital cable product may not be labeled with or marketed using the term “digital cable ready,” or other terminology that describes the device as “cable ready” or “cable compatible,” or otherwise indicates that the device accepts a POD or conveys the impression that the device is compatible with digital cable service unless it implements at a minimum the following features:

(1) Tunes NTSC analog channels transmitted in-the-clear.

(2) Tunes digital channels that are transmitted in compliance with SCTE 40 2003 (formerly DVS 313): “Digital Cable Network Interface Standard” (incorporated by reference, see §15.38), provided, however, that with respect to Table B.11 of that standard, the phase noise requirement shall be –86 dB/Hz including both in-the-clear channels and channels that are subject to conditional access.

(3) Allows navigation of channels based on channel information (virtual channel map and source names) provided through the cable system in compliance with ANSI/SCTE 65 2002 (formerly DVS 234): “Service Information Delivered Out-of-Band for Digital Cable Television” (incorporated by reference, see §15.38), and/or PSIP-enabled navigation (ANSI/SCTE 54 2003 (formerly DVS 241): “Digital Video Service Multiplex and Transport System Standard for Cable Television” (incorporated by reference, see §15.38)).

(4) Includes the POD-Host Interface specified in SCTE 28 2003 (formerly DVS 295): “Host-POD Interface Standard” (incorporated by reference, see §15.38), and SCTE 41 2003 (formerly DVS 301): “POD Copy Protection System” (incorporated by reference, see §15.38), or implementation of a more advanced POD-Host Interface based on successor standards. Support for Internet protocol flows is not required.


(6) In addition to the requirements of paragraphs (b)(1) through (5) of this section, a unidirectional digital cable television may not be labeled or marketed as digital cable ready or with other terminology as described in paragraph (b) of this section, unless it includes a DTV broadcast tuner as set forth in §15.117(i) and employs at least one interface specified in paragraphs (b)(6)(i) and (ii) of this section:

(i) For 480p grade unidirectional digital cable televisions, either a DVI/HDCP, HDMI/HDCP, or 480p Y,Pb,Pr interface.

(ii) For 720p/1080i grade unidirectional digital cable televisions, either a DVI/HDCP or HDMI/HDCP interface.

(c) Before a manufacturer’s or importer’s first unidirectional digital cable product may be labeled or marketed as digital cable ready or with other terminology as described in paragraph (b) of this section, the manufacturer or importer shall verify the device as follows:

(1) The manufacturer or importer shall have a sample of its first model of a unidirectional digital cable product tested to show compliance with the...
§ 15.123

procedures set forth in Uni-Dir-PICS–I01–030903: Uni-Directional Receiving Device: Conformance Checklist: PICS Proforma (incorporated by reference, see §15.38) at a qualified test facility. If the model fails to comply, the manufacturer or importer shall have any modifications to the product to correct failures of the procedures in Uni-Dir-PICS–I01–030903: “Uni-Directional Receiving Device: Conformance Checklist: PICS Proforma,” September 3, 2003 (incorporated by reference, see §15.38), retested at a qualified test facility and the product must comply with Uni-Dir-PICS–I01–030903: “Uni-Directional Receiving Device: Conformance Checklist: PICS Proforma,” September 3, 2003 (incorporated by reference, see §15.38). Compliance testing beyond those procedures shall be at the discretion of the manufacturer or importer.

(2) A qualified test facility is a testing laboratory representing cable television system operators serving a majority of the cable television subscribers in the United States or an appropriately qualified independent laboratory with adequate equipment and competent personnel knowledgeable with respect to Uni-Dir-PICS–I01–030903: “Uni-Directional Receiving Device: Conformance Checklist: PICS Proforma,” September 3, 2003 (incorporated by reference, see §15.38); Uni-Dir-ATP–I02–040225: “Uni-Directional Receiving Device, Acceptance Test Plan,” February 25, 2004 (incorporated by reference, see §15.38); M–UDCP–PICS–I04–080225, “Uni-Directional Cable Product Supporting M-Card: Multiple Profiles; Conformance Checklist: PICS,” February 25, 2008 (incorporated by reference, see §15.38); and TP–ATP–M–UDCP–I05–20080304, “Uni-Directional Digital Cable Products Supporting M-Card; M-UDCP Device Acceptance Test Plan,” March 4, 2008 (incorporated by reference, see §15.38). For any independent testing laboratory to be qualified hereunder such laboratory must ensure that all its decisions are impartial and have a documented structure which safeguards impartiality of the operations of the testing laboratory. In addition, any independent testing laboratory qualified hereunder must not supply or design products of the type it tests, nor provide any other products or services that could compromise confidentiality, objectivity or impartiality of the testing laboratory’s testing process and decisions.

(3) Subsequent to the testing of its initial unidirectional digital cable product model, a manufacturer or importer is not required to have other models of unidirectional digital cable products tested at a qualified test facility for compliance with the procedures of Uni-Dir-PICS–I01–030903: “Uni-Directional Receiving Device: Conformance Checklist: PICS Proforma,” September 3, 2003 (incorporated by reference, see §15.38) unless the first model tested was not a television, in which event the first television shall be tested as provided in §15.123(c)(1). The manufacturer or importer shall ensure that all subsequent models of unidirectional digital cable products comply with the procedures in the Uni-Dir-PICS–I01–030903: “Uni-Directional
Receiving Device: Conformance Checklist: PICS Proforma,” September 03, 2003 (incorporated by reference, see §15.38) and all other applicable rules and standards. The manufacturer or importer shall maintain records indicating such compliance in accordance with the verification procedure requirements in part 2, subpart J of this chapter. The manufacturer or importer shall further submit documentation verifying compliance with the procedures in the Uni-Dir-PICS–I01–030903: “ Uni-Directional Receiving Device: Conformance Checklist: PICS Proforma,” September 03, 2003 (incorporated by reference, see §15.38) in accordance with Uni-Dir-ATP–I02–040225: “ Uni-Directional Receiving Device Acceptance Test Plan,” February 25, 2004, (incorporated by reference, see §15.38) or an equivalent test procedure that produces identical pass/fail test results before any product or related model may be labeled or marketed. If the manufacturer or importer’s first M-UDCP is not a television, then that manufacturer or importer’s first model of a M-UDCP which is a television shall be tested pursuant to this subsection as though it were the first M-UDCP.

(ii) A qualified test facility is a testing laboratory representing cable television system operators serving a majority of the cable television subscribers in the United States or an appropriately qualified independent laboratory with equipment and competent personnel knowledgeable with Uni-Dir-PICS–I01–030903: “ Uni-Directional Receiving Device: Conformance Checklist: PICS Proforma,” September 03, 2003 (incorporated by reference, see §15.38); Uni–Dir–ATP–I02–040225: “ Uni-Directional Receiving Device Acceptance Test Plan,” February 25, 2004 (incorporated by reference, see §15.38); M–UDCP–PICS–I04–080225, “ Uni-Directional Cable Product Supporting M–Card: Multiple Profiles; Conformance Checklist: PICS,” February 25, 2008 (incorporated by reference, see §15.38); and TP–ATP–M–UDCP–I05–20080304, “ Uni-Directional Digital Cable Products Supporting M–Card; M–UDCP Device Acceptance Test Plan,” March 4, 2008 (incorporated by reference, see §15.38). For any independent testing laboratory to be qualified hereunder such laboratory must ensure that all its decisions are impartial and have a documented structure which safeguards impartiality of the operations of the testing laboratory. In addition, any independent testing laboratory qualified hereunder must not supply or design products of the type it tests, nor provide any other products or services
(iii) Subsequent to the successful testing of its initial M–UDCP, a manufacturer or importer is not required to have other M–UDCP models tested at a qualified test facility for compliance with M–UDCP–PICS–I04–080225, “Uni-Directional Cable Product Supporting M–Card: Multiple Profiles; Conformance Checklist: PICS,” February 25, 2008 (incorporated by reference, see §15.38) unless the first model tested was not a television, in which event the first television shall be tested as provided in §15.123(c)(5)(i). The manufacturer or importer shall ensure that all subsequent models of M–UDCPs comply with M–UDCP–PICS–I04–080225, “Uni-Directional Cable Product Supporting M–Card: Multiple Profiles; Conformance Checklist: PICS,” February 25, 2008 (incorporated by reference, see §15.38) and all other applicable rules and standards. The manufacturer or importer shall maintain records indicating such compliance in accordance with the verification procedure requirements in part 2, subpart J of this chapter. For each M–UDCP model, the manufacturer or importer shall further submit documentation verifying compliance with M–UDCP–PICS–I04–080225, “Uni-Directional Cable Product Supporting M–Card: Multiple Profiles; Conformance Checklist: PICS,” February 25, 2008 (incorporated by reference, see §15.38) to the qualified test facility.


Subpart C—Intentional Radiators

§ 15.201 Equipment authorization requirement.

(a) Intentional radiators operated as carrier current systems, devices operated under the provisions of §§15.211, 15.213, and 15.221, and devices operating below 490 kHz in which all emissions are at least 40 dB below the limits in §15.209 shall be verified pursuant to the procedures in Subpart J of part 2 of this chapter prior to marketing.

(b) Except as otherwise exempted in paragraph (c) of this section and in §15.23 of this part, all intentional radiators operating under the provisions of this part shall be certificated by the Commission pursuant to the procedures in subpart J of part 2 of this chapter prior to marketing.

(c) For devices such as perimeter protection systems which, in accordance with §15.31(d), are required to be measured at the installation site, each application for certification must be accompanied by a statement indicating that the system has been tested at three installations and found to comply at each installation. Until such time as certification is granted, a given installation of a system that was