§ 73.9004 Compliance requirements for covered demodulator products: Marked content.

(a) A covered demodulator product shall not pass, or direct to be passed, marked content to any output except:

1. To an analog output;
2. To an 8-VSB, 16-VSB, 64-QAM or 256-QAM modulated output, provided that the broadcast flag is retained in the both the EIT and PMT;
3. To a digital output protected by an authorized digital output protection technology, in accordance with any applicable obligations established as a part of its approval pursuant to §73.9008;
4. Where such covered demodulator product outputs, or directs to be output, such content to another product and such covered demodulator product exercises sole control (such as by using a cryptographic protocol), in compliance with the demodulator robustness requirements, over the access to such content in usable form in such other product;
5. Where such covered demodulator product outputs, or directs to be output, such content for the purpose of making a recording of such content pursuant to paragraph (b)(2) of this section, where the content of such recording is passed to another product as permitted under this subpart or
6. Where such covered demodulator product is incorporated into a computer product and passes, or directs to be passed, such content to an unprotected output operating in a mode compatible with the digital visual interface (DVI) Rev. 1.0 Specification as an image having the visual equivalent of no more than 350,000 pixels per frame (e.g., an image with resolution of 720 x 480 pixels for a 4:3 (non-square pixel) aspect ratio), and 30 frames per second. Such an image may be attained by reducing resolution, such as by discarding, dithering or averaging pixels to obtain the specified value, and can be displayed using video processing techniques such as line doubling or sharpening to improve the perceived quality of the image.

(b) A covered demodulator product shall not record or cause the recording of marked content in digital form unless such recording is made using one of the following methods:

1. A method that effectively and uniquely associates such recording with a single covered demodulator product (using a cryptographic protocol or other effective means) so that such recording cannot be accessed in usable form by another product except where the content of such recording is passed to another product as permitted under this subpart or
2. An authorized recording method in accordance with any applicable obligations established as a part of its approval pursuant to §73.9008 (provided that for recordings made on removable media, only authorized recording methods expressly approved pursuant to §73.9008 for use in connection with removable media may be used).

(c) Paragraph (b) of this section does not impose restrictions regarding the storage of marked content as a transitory image.

(d) The requirements of this section shall become applicable on July 1, 2005.

§ 73.9005 Compliance requirements for covered demodulator products: Audio.

Except as otherwise provided in §§73.9003(a) or 73.9004(a), covered demodulator products shall not output the audio portions of unscreened content or of marked content except in compressed audio format (such as AC3) or in linear PCM format in which the transmitted information is sampled at no more than 48 kHz and no more than 16 bits/sample. The requirements of this section shall become applicable on July 1, 2005.

§ 73.9006 Add-in covered demodulator products.

(a) Where a covered demodulator product passes unscreened content or marked content to another product, other than where such covered demodulator product passes, or directs such content to be passed to an output (e.g., where a demodulator add-in card in a personal computer passes such content to an associated software application installed in the same computer), it shall pass such content:

1. Using a robust method; or
§ 73.9008 Interim approval of authorized digital output protection technologies and authorized recording methods.

(a) Certifications for digital output protection technologies and authorized recording methods. The proponent of a specific digital output protection technology or recording method seeking approval for use in covered demodulator products shall certify to the Commission that such digital output protection technology or recording method is appropriate for use in covered demodulator products to give effect to the broadcast flag. Such certification shall include the following information:

(1) A general description of how the digital output protection technology or recording method works, including its scope of redistribution;

(2) A detailed analysis of the level of protection the digital output protection technology or recording method affords content;

(3) Information regarding whether content owners, broadcasters or equipment manufacturers have approved or licensed the digital output protection technology or recording method for use; and

(4) If the technology is to be offered publicly, a copy of its licensing terms, and fees, as well as evidence demonstrating that the technology will be licensed on a reasonable, non-discriminatory basis.

(b) Initial certification window. Following the effective date of this subpart, the Commission shall issue a public notice commencing an initial certification window for digital output protection technologies or recording methods. Within thirty (30) days after the date of this public notice, proponents of digital output protection technologies or recording methods may file certifications pursuant to paragraph (a) of this section. Following close of the initial certification window, the Commission shall issue a public notice identifying the certifications received and commencing an opposition window. Within twenty (20) days after the date of this public notice, oppositions may be filed with respect to a certification.

(1) If no objections are received in response to a proponent’s certification within the twenty (20) day opposition window, the Commission shall expeditiously issue a determination indicating whether the underlying digital output protection technology or recording method is approved for use with covered demodulator products.

(2) If an objection is raised within the twenty (20) day opposition window alleging that a proponent’s certification contains insufficient information to