

the change in delay time of the chrominance component of the signal relative to the luminance component, shall be within 170 nanoseconds.

(ii) The differential gain for the color subcarrier of the television signal, which is measured as the difference in amplitude between the largest and smallest segments of the chrominance signal (divided by the largest and expressed in percent), shall not exceed $\pm 20\%$.

(iii) The differential phase for the color subcarrier of the television signal which is measured as the largest phase difference in degrees between each segment of the chrominance signal and reference segment (the segment at the blanking level of 0 IRE), shall not exceed ± 10 degrees.

(12) As an exception to the general provision requiring measurements to be made at subscriber terminals, and without regard to the type of signals carried by the cable television system, signal leakage from a cable television system shall be measured in accordance with the procedures outlined in § 76.609(h) and shall be limited as follows:

Frequencies	Signal leakage limit (micro-volt/meter)	Distance in meters (m)
Less than and including 54 MHz, and over 216 MHz	15	30
Over 54 up to and including 216 MHz	20	3

(b) Cable television systems distributing signals by using methods such as nonconventional coaxial cable techniques, noncoaxial copper cable techniques, specialized coaxial cable and fiber optical cable hybridization techniques or specialized compression techniques or specialized receiving devices, and which, because of their basic design, cannot comply with one or more of the technical standards set forth in paragraph (a) of this section, may be permitted to operate: Provided, That an adequate showing is made pursuant to § 76.7 which establishes that the public interest is benefited. In such instances, the Commission may prescribe special technical requirements to ensure that subscribers to such systems are provided with an equivalent level of good quality service.

NOTE 1: Local franchising authorities of systems serving fewer than 1000 subscribers may adopt standards less stringent than those in § 76.605(a). Any such agreement shall be reduced to writing and be associated with the system's proof-of-performance records.

NOTE 2: For systems serving rural areas as defined in § 76.5, the system may negotiate with its local franchising authority for standards less stringent than those in §§ 76.605(a)(3), 76.605(a)(7), 76.605(a)(8), 76.605(a)(10) and 76.605(a)(11). Any such agreement shall be reduced to writing and be associated with the system's proof-of-performance records.

NOTE 3: The requirements of this section shall not apply to devices subject to the TV interface device rules under part 15 of this chapter.

NOTE 4: Should subscriber complaints arise from a system failing to meet § 76.605(a)(6) prior to December 30, 1999, the cable operator will be required to provide a converter that will allow the system to meet the standard immediately at the complaining subscriber's terminal. Further, should the problem be found to be system-wide, the Commission may order all converters on the system be changed to meet the standard.

NOTE 5: Should subscriber complaints arise from a system failing to meet § 76.605(a)(10), the cable operator will be required to remedy the complaint and perform test measurements on § 76.605(a)(10) containing the full number of channels as indicated in § 76.601(b)(2) at the complaining subscriber's terminal. Further, should the problem be found to be system-wide, the Commission may order that the full number of channels as indicated in § 76.601(b)(2) be tested at all required locations for future proof-of-performance tests.

NOTE 6: No State or franchising authority may prohibit, condition, or restrict a cable system's use of any type of subscriber equipment or any transmission technology.

[37 FR 3278, Feb. 12, 1972]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 76.605 see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

§ 76.606 Closed captioning.

(a) As of June 30, 1992, the operator of each cable television system shall not take any action to remove or alter closed captioning data contained on line 21 of the vertical blanking interval.

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(b) As of July 1, 1993, the operator of each cable television system shall deliver intact closed captioning data contained on line 21 of the vertical blanking interval, as it arrives at the headend or from another origination source, to subscriber terminals and (when so delivered to the cable system) in a format that can be recovered and displayed by decoders meeting § 15.119 of this chapter.

[57 FR 11003, Apr. 1, 1992]

§ 76.607 Transmission of commercial advertisements.

(a) *Transmission of commercial advertisements by cable operator or other multichannel video programming distributor.*

(1) *Mandatory compliance with ATSC A/85 RP.* Effective December 13, 2012, cable operators and other multichannel video programming distributors (MVPDs), as defined in 47 U.S.C. 522, must comply with ATSC A/85 RP (incorporated by reference, see § 76.602), insofar as it concerns the transmission of commercial advertisements.

(2) *Commercials inserted by cable operator or other MVPD.* A cable operator or other multichannel video programming distributor that installs, utilizes, and maintains in a commercially reasonable manner the equipment and associated software to comply with ATSC A/85 RP shall be deemed in compliance with respect to locally inserted commercials, which for the purposes of this provision are commercial advertisements added to a programming stream by a cable operator or other MVPD prior to or at the time of transmission to viewers. In order to be considered to have installed, utilized and maintained the equipment and associated software in a commercially reasonable manner, a cable operator or other MVPD must:

(i) Install, maintain and utilize equipment to properly measure the loudness of the content and to ensure that the dialnorm metadata value correctly matches the loudness of the content when encoding the audio into AC-3 for transmitting the content to the consumer;

(ii) Provide records showing the consistent and ongoing use of this equipment in the regular course of business and demonstrating that the equipment has undergone commercially reason-

able periodic maintenance and testing to ensure its continued proper operation;

(iii) Certify that it either has no actual knowledge of a violation of the ATSC A/85 RP, or that any violation of which it has become aware has been corrected promptly upon becoming aware of such a violation; and

(iv) Certify that its own transmission equipment is not at fault for any pattern or trend of complaints.

(3) *Embedded commercials—safe harbor.* With respect to embedded commercials, which, for the purposes of this provision, are those commercial advertisements placed into the programming stream by a third party (i.e., programmer) and passed through by the cable operator or other MVPD to viewers, a cable operator or other MVPD must certify that its own transmission equipment is not at fault for any pattern or trend of complaints, and may demonstrate compliance with the ATSC A/85 RP through one of the following methods:

(i) Relying on a network's or other programmer's certification of compliance with the ATSC A/85 RP with respect to commercial programming, provided that:

(A) The certification is widely available by Web site or other means to any television broadcast station, cable operator, or multichannel video programming distributor that transmits that programming; and

(B) The cable operator or other MVPD has no reason to believe that the certification is false; and

(C) The cable operator or other MVPD performs a spot check, as defined in § 76.607(a)(3)(iv)(A), (B), (D), and (E), on the programming in response to an enforcement inquiry concerning a pattern or trend of complaints regarding commercials contained in that programming;

(ii) If transmitting any programming that is not certified as described in § 76.607(a)(3)(i):

(A) A cable operator or other MVPD that had 10,000,000 subscribers or more as of December 31, 2011 must perform annual spot checks, as defined in § 76.607(a)(3)(iv)(A), (B), (C), and (E), of all the non-certified commercial programming it receives from a network