for a program of regular monitoring for
signal leakage by substantially cov-
ering the plant every three months.
The incorporation of this monitoring
program into the daily activities of ex-
isting service personnel in the dis-
charge of their normal duties will gen-
erally cover all portions of the system
and will therefore meet this require-
ment. Monitoring equipment and pro-
cedures utilized by a cable operator
shall be adequate to detect a leakage
source which produces a field strength
in these bands of 20 uV/m or greater at
a distance of 3 meters. During regular
monitoring, any leakage source which
produces a field strength of 20 uV/m or
greater at a distance of 3 meters in the
aeronautical radio frequency bands
shall be noted and such leakage sources
shall be repaired within a reasonable
period of time.

Note 1 to § 76.614: Section 76.1706 contains
signal leakage recordkeeping requirements
applicable to cable operators.

(65 FR 53616, Sept. 5, 2000)

§ 76.616 Operation near certain aero-
nautical and marine emergency
radio frequencies.

(a) The transmission of carriers or
other signal components capable of de-
ivering peak power levels equal to or
greater than 10^{-5} watts at any point in
a cable television system is prohibited
within 100 kHz of the frequency 121.5
MHz, and is prohibited within 50 kHz of
the two frequencies 156.8 MHz and 243.0
MHz.

(b) At any point on a cable system
from 405.925 MHz to 406.176 MHz analog
transmissions are prohibited from de-
ivering peak power levels equal to or
greater than 10^{-5} watts. The trans-
mition of digital signals in this range is
limited to power levels measured
using a root-mean-square detector of
less than 10^{-5} watts in any 30 kHz
bandwidth over any 2.5 millisecond in-
terval.

(69 FR 57862, Sept. 28, 2004)

§ 76.617 Responsibility for inter-
ference.

Interference resulting from the use of
cable system terminal equipment (in-
cluding subscriber terminal, input sele-
ctor switch and any other acces-
sories) shall be the responsibility of the
cable system terminal equipment oper-
ator in accordance with the provisions
of part 15 of this chapter; provided,
however, that the operator of a cable
system to which the cable system ter-

76.630 Compatibility with consumer
electronics equipment.

(a) Cable system operators shall not
scramble or otherwise encrypt signals
carried on the basic service tier. Re-
quests for waivers of this prohibition
must demonstrate either a substantial
problem with theft of basic tier service
or a strong need to scramble basic sig-
nals for other reasons. As part of this
showing, cable operators are required
to notify subscribers by mail of waiver
requests. The notice to subscribers
must be mailed no later than thirty
calendar days from the date the re-
quest waiver was filed with the Com-
mission, and cable operators must in-
form the Commission in writing, as
soon as possible, of that notification
date. The notification to subscribers
must state:

On (date of waiver request was filed with
the Commission), (cable operator's name)
filed with the Federal Communications Com-
mission a request for waiver of the rule pro-
hibiting scrambling of channels on the basic
tier of service. 47 CFR 76.630(a). The request
for waiver states (a brief summary of the
waiver request). A copy of the request for
waiver is on file for public inspection at (the
address of the cable operator's local place of
business).

Individuals who wish to comment on this
request for waiver should mail comments to
the Federal Communications Commission by
no later than 30 days from (the date the noti-

§ 76.618–76.620 [Reserved]

§ 76.630 Compatibility with consumer
electronics equipment.

(a) Cable system operators shall not
scramble or otherwise encrypt signals
carried on the basic service tier. Re-
quests for waivers of this prohibition
must demonstrate either a substantial
problem with theft of basic tier service
or a strong need to scramble basic sig-
nals for other reasons. As part of this
showing, cable operators are required
to notify subscribers by mail of waiver
requests. The notice to subscribers
must be mailed no later than thirty
calendar days from the date the re-
quest waiver was filed with the Com-
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form the Commission in writing, as
soon as possible, of that notification
date. The notification to subscribers
must state:

On (date of waiver request was filed with
the Commission), (cable operator's name)
filed with the Federal Communications Com-
mission a request for waiver of the rule pro-
hibiting scrambling of channels on the basic
tier of service. 47 CFR 76.630(a). The request
for waiver states (a brief summary of the
waiver request). A copy of the request for
waiver is on file for public inspection at (the
address of the cable operator's local place of
business).

Individuals who wish to comment on this
request for waiver should mail comments to
the Federal Communications Commission by
no later than 30 days from (the date the noti-

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Federal Communications Commission

§ 76.640

Support for unidirectional digital cable products on digital cable systems.

(a) The requirements of this section shall apply to digital cable systems. For purposes of this section, digital cable systems shall be defined as a cable system with one or more channels utilizing QAM modulation for transporting programs and services from its headend to receiving devices. Cable systems that only pass through 8 VSB broadcast signals shall not be considered digital cable systems.

(b) No later than July 1, 2004, cable operators shall support unidirectional digital cable products, as defined in §15.123 of this chapter, through the provisioning of Point of Deployment modules (PODs) and services, as follows:

1. Digital cable systems with an activated channel capacity of 750 MHz or greater shall comply with the following technical standards and requirements:

   (i) SCTE 40 2003 (formerly DVS 313): “Digital Cable Network Interface Standard” (incorporated by reference, see §76.602), provided however that with respect to Table B.11, the Phase Noise requirement shall be 86 dB/Hz, and also provided that the “transit delay for most distant customer” requirement in Table B.3 is not mandatory.

   (ii) ANSI/SCTE 65 2002 (formerly DVS 234): “Service Information Delivered Out-of-Band for Digital Cable Television” (incorporated by reference, see §76.602), provided however that the referenced Source Name Subtable shall be provided for Profiles 1, 2, and 3.


   (iv) For each digital transport stream that includes one or more services carried in-the-clear, such transport stream shall include virtual channel data in-band in the form of ATSC A/65B: “ATSC Standard: Program and System Information Protocol for Terrestrial Broadcast and Cable (Revision B)” (incorporated by reference, see §76.602), when available from the content provider. With respect to in-band transport:

      (A) The data shall, at minimum, describe services carried within the transport stream carrying the PSIP data itself.

      (B) PSIP data describing a twelve-hour time period shall be carried for each service in the transport stream. This twelve-hour period corresponds to...