

§ 74.789

permit, begins operating and files a license application for the digital station may forego construction of the un-built analog station.

[69 FR 69334, Nov. 29, 2004, as amended at 76 FR 44828, July 27, 2011]

§ 74.789 Broadcast regulations applicable to digital low power television and television translator stations.

The following sections are applicable to digital low power television and television translator stations:

- § 73.1030 Notifications concerning interference to radio astronomy, research and receiving installations.
- § 74.600 Eligibility for license.
- § 74.703 Interference.
- § 74.709 Land mobile station protection.
- § 74.732 Eligibility and licensing requirements.
- § 74.734 Attended and unattended operation.
- § 74.735 Power limitations.
- § 74.751 Modification of transmission systems.
- § 74.763 Time of operation.
- § 74.765 Posting of station and operator licenses.
- § 74.769 Copies of rules.
- § 74.780 Broadcast regulations applicable to translators, low power, and booster stations (except § 73.653—Operation of TV aural and visual transmitters and § 73.1201—Station identification).
- § 74.781 Station records.
- § 74.784 Rebroadcasts.

[69 FR 69334, Nov. 29, 2004]

§ 74.790 Permissible service of digital TV translator and LPTV stations.

(a) Digital TV translator stations provide a means whereby the signals of DTV broadcast stations may be retransmitted to areas in which direct reception of such DTV stations is unsatisfactory due to distance or intervening terrain barriers.

(b) Except as provided in paragraph (f) of this section, a digital TV translator station may be used only to receive the signals of a TV broadcast or DTV broadcast station, another digital TV translator station, a TV translator relay station, a television intercity relay station, a television STL station,

or other suitable sources such as a CARS or common carrier microwave station, for the simultaneous retransmission of the programs and signals of a TV or DTV broadcast station. Such retransmissions may be accomplished by any of the following means:

(1) Reception of TV broadcast or DTV broadcast station programs and signals directly through space and conversion to a different channel by one of the following transmission modes:

(i) Heterodyne frequency conversion and suitable amplification, subject to a digital output power limit of 30 watts for transmitters operating on channels 14–69 and 3 watts for transmitters operating on channels 2–13; or

(ii) Digital signal regeneration (*i.e.*, DTV signal demodulation, decoding, error processing, encoding, remodulation, and frequency upconversion) and suitable amplification; or,

(2) Demodulation, remodulation and amplification of TV broadcast or DTV broadcast station programs and signals received through a microwave transport.

(c) The transmissions of each digital TV translator station shall be intended for direct reception by the general public, and any other use shall be incidental thereto. A digital TV translator station shall not be operated solely for the purpose of relaying signals to one or more fixed receiving points for retransmission, distribution, or further relaying.

(d) Except as provided in (e) and (f) of this section, the technical characteristics of the retransmitted signals shall not be deliberately altered so as to hinder reception on consumer DTV broadcast receiving equipment.

(e) A digital TV translator station shall not retransmit the programs and signals of any TV broadcast or DTV broadcast station(s) without the prior written consent of such station(s). A digital TV translator may multiplex on its output channel the video program services of two or more TV broadcast and/or DTV broadcast stations, pursuant to arrangements with all affected stations, and for this limited purpose, is permitted to alter a TV broadcast and/or DTV broadcast signal.

(f) A digital TV translator station may transmit locally originated visual