§ 74.789
permit, begins operating and files a li-
cense application for the digital sta-
tion 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 tel-
evision translator stations:

§ 73.1030 Notifications concerning in-
terference to radio astronomy, re-
search and receiving installations.

§ 74.600 Eligibility for license.

§ 74.703 Interference.

§ 74.709 Land mobile station protec-
tion.

§ 74.732 Eligibility and licensing re-
quirements.

§ 74.734 Attended and unattended oper-
ation.

§ 74.735 Power limitations.

§ 74.751 Modification of transmission
systems.

§ 74.763 Time of operation.

§ 74.765 Posting of station and oper-
ator 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 re-
transmitted to areas in which direct
reception of such DTV stations is un-
satisfactory due to distance or inter-
vening terrain barriers.

(b) Except as provided in paragraph
(f) of this section, a digital TV trans-
lator station may be used only to re-
ceive the signals of a TV broadcast or
DTV broadcast station, another digital
TV translator station, a TV translator
relay station, a television STL station,
or other suitable sources such as a
CARS or common carrier microwave
station, for the simultaneous retrans-
mission 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 fol-
lowing 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 oper-
ating on channels 2–13; or

(ii) Digital signal regeneration (i.e.,
DTV signal demodulation, decoding,
error processing, encoding, remodula-
tion, 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 trans-
port.

(c) The transmissions of each digital
TV translator station shall be intended
for direct reception by the general pub-
lic, and any other use shall be inci-
dental 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 re-
transmission, distribution, or further
relaying.

(d) Except as provided in (e) and (f) of
this section, the technical characteris-
tics 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, pursu-
ant 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