

§ 73.6025 Antenna system and station location.

(a) Applications for modified Class A TV facilities proposing the use of directional antenna systems must be accompanied by the following:

(1) Complete description of the proposed antenna system, including the manufacturer and model number of the proposed directional antenna. In the case of a composite antenna composed of two or more individual antennas, the antenna should be described as a “composite” antenna. A full description of the design of the antenna should also be submitted.

(2) Relative field horizontal plane pattern (horizontal polarization only) of the proposed directional antenna. A value of 1.0 should be used for the maximum radiation. The plot of the pattern should be oriented so that 0 degrees (True North) corresponds to the maximum radiation of the directional antenna or, alternatively in the case of a symmetrical pattern, the line of symmetry. Where mechanical beam tilt is intended, the amount of tilt in degrees of the antenna vertical axis and the orientation of the downward tilt with respect to true North must be specified, and the horizontal plane pattern must reflect the use of mechanical beam tilt.

(3) A tabulation of the relative field pattern required in paragraph (a)(2), of this section. The tabulation should use the same zero degree reference as the plotted pattern, and be tabulated at least every 10 degrees. In addition, tabulated values of all maxima and minima, with their corresponding azimuths, should be submitted.

(4) Horizontal and vertical plane radiation patterns showing the effective radiated power, in dBk, for each direction. Sufficient vertical plane patterns must be included to indicate clearly the radiation characteristics of the antenna above and below the horizontal plane. In cases where the angles at which the maximum vertical radiation varies with azimuth, a separate vertical radiation pattern must be provided for each pertinent radial direction.

(5) The horizontal and vertical plane patterns that are required are the patterns for the complete directional an-

tenna system. In the case of a composite antenna composed of two or more individual antennas, this means that the patterns for the composite antenna, not the patterns for each of the individual antennas, must be submitted.

(b) Applications for modified Class A TV facilities proposing to locate antennas within 61.0 meters (200 feet) of other Class A TV or TV broadcast antennas operating on a channel within 20 percent in frequency of the proposed channel, or proposing the use of antennas on Channels 5 or 6 within 61.0 meters (200 feet) of FM broadcast antennas, must include a showing as to the expected effect, if any, of such proximate operation.

(c) Where a Class A TV licensee or permittee proposes to mount an antenna on an AM antenna tower, or locate within 3.2 km of an AM directional station, the TV licensee or permittee must comply with Sec. 73.1692.

(d) Class A TV stations are subject to the provisions in § 73.685(d) regarding blanketing interference.

§ 73.6026 Broadcast regulations applicable to Class A television stations.

The following rules are applicable to Class A television stations:

§ 73.603 Numerical designation of television channels.

§ 73.624(b), (c) and (g) Digital television broadcast stations. Section 73.624(b) will apply only to the extent that such stations must also transmit at least one over-the-air video program signal at no direct charge to viewers of the digital Class A station

§ 73.635 Use of common antenna site.

§ 73.642 Subscription TV service.

§ 73.643 Subscription TV operating requirements.

§ 73.644 Subscription TV transmission systems.

§ 73.646 Telecommunications Service on the Vertical Blanking Interval and in the Visual Signal.

§ 73.653 Operation of TV aural and visual transmitters.

§ 73.658 Affiliation agreements and network program practice; territorial exclusivity in non-network program arrangements.

§ 73.664 Determining operating power.

§ 73.665 Use of TV aural baseband subcarriers.

§ 73.667 TV subsidiary communications services.

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§ 73.669 TV stereophonic aural and multiplex subcarrier operation.

§ 73.670 Commercial limits in children's programs.

§ 73.671 Educational and informational programming for children.

§ 73.673 Public information initiatives regarding educational and informational programming for children.

§ 73.688 Indicating instruments.

§ 73.691 Visual modulation monitoring.

§ 73.3615(a) and (g) Ownership reports.

[66 FR 21690, May 1, 2001, as amended at 74 FR 25168, May 27, 2009]

EFFECTIVE DATE NOTE: At 74 FR 25168, May 27, 2009, § 73.6026 was amended by adding an entry for § 73.3615 to the list. This entry contains information collection and record-keeping requirements and will not become effective until approval has been given by the Office of Management and Budget.

§ 73.6027 Class A TV notifications concerning interference to radio astronomy, research and receiving installations.

An applicant for digital operation of an existing Class A TV station or to change the facilities of an existing Class A TV or digital Class A TV station shall be subject to the requirements of § 73.1030—Notifications concerning interference to radio astronomy, research and receiving installations.

[69 FR 69331, Nov. 29, 2004]

EFFECTIVE DATE NOTE: At 69 FR 69331, Nov. 29, 2004, § 73.6027 was added to part 73. This section contains information collection and recordkeeping requirements and will not become effective until approval has been given by the Office of Management and Budget.

Subpart K—Application and Selection Procedures for Reserved Noncommercial Educational Channels, and for Certain Applications for Noncommercial Educational Stations on Non-Reserved Channels

SOURCE: 65 FR 36380, June 8, 2000, unless otherwise noted.

§ 73.7000 Definition of terms (as used in subpart K only).

Attributable interest. An interest of an applicant, its parent, subsidiaries, their officers, and members of their

governing boards that would be cognizable under the standards in the notes to § 73.3555. Also an interest of an entity providing more than 33 percent of an applicant's equity and/or debt that also either (1) supplies more than 15% of the station's weekly programming, or (2) has an attributable interest pursuant to § 73.3555 in media in the same market.

Established local applicant. An applicant that has, for at least the two years (24 months) immediately preceding application, met the definition of local applicant.

Local applicant. An applicant physically headquartered, having a campus, or having 75% of board members residing within 25 miles of the reference coordinates for the community to be served, or a governmental entity within its area of jurisdiction.

Nonreserved (Unreserved) channels. Channels which are not reserved exclusively for noncommercial educational use, and for which commercial entities could thus be eligible to operate full power stations. Such channels appear without an asterisk designation in the FM Table of Allotments (§ 73.202) and TV Table of Allotments (§ 73.606). In the event of a request to allocate a non-reserved channel as reserved pursuant to §§ 73.202(a) or 73.606(a), the channel remains classified as nonreserved until release of a Commission decision granting such request.

On-air operations. Broadcast of program material to the public pursuant to Commission authority, generally beginning with program test authority, for periods of time that meet any required minimum operating schedule, e.g. § 73.561(a).

Population. The number of people calculated using the most recent census block data provided by the United States Census Bureau.

Reserved channels. Channels reserved exclusively for noncommercial educational use, whether by the portion of the spectrum in which they are located (i.e. FM channels 200 to 220) or by a case-by-case Commission allotment decision (channels that appear with an asterisk designation in the FM Table of