

bands above 2110 MHz, and for mobile (temporary fixed) stations in the bands 6425–6525 MHz and 17.7–19.7 GHz, will be in accordance with the procedure established in paragraph (b) of this section, except that the prior coordination process for mobile (temporary fixed) assignments may be completed orally and the period allowed for response to a coordination notification may be less than 30 days if the parties agree. Coordination of all frequency assignments for all mobile (temporary fixed) stations in all bands above 2110 MHz, except the bands 6425–6525 MHz and 17.7–19.7 GHz, will be conducted in accordance with the procedure established in paragraph (b) of this section or with the procedure in paragraph (d) of this section. Coordination of all frequency assignments for all fixed stations in the band 1990–2110 MHz will be in accordance with the procedure established in paragraph (c) of this section. Coordination of all frequency assignments for all mobile (temporary fixed) stations in the band 1990–2110 MHz will be conducted in accordance with the procedure in paragraph (d) of this section.

(b) Frequency coordination for all fixed stations in all bands above 2110 MHz, and for all mobile (temporary fixed) stations in the bands 6425–6525 MHz and 17.7–19.7 GHz. For each frequency authorized under this part, the interference protection criteria in § 101.105(a), (b), and (c) of this chapter and the frequency usage coordination procedures in § 101.103(d) of this chapter will apply, except that only stations in the bands 6425–6525 MHz and 17.7–19.7 GHz are subject to the provision in § 101.103(d) requiring compliance with § 101.21(f) of this chapter in coordinating frequency usage with stations in the fixed satellite service.

(c) Frequency coordination for all fixed stations in the band 1990–2110 MHz. For each frequency authorized under this part, the following frequency usage coordination procedures will apply:

(1) *General requirements.* Applicants are responsible for selecting the frequency assignments that are least likely to result in mutual interference with other licensees in the same area. Applicants may consult local frequency coordination committees, where they exist, for information on frequencies available in the area. Proposed frequency usage must be coordinated with existing licensees and applicants in the area whose facilities could affect or be affected by the new proposal in terms of frequency interference on

active channels, applied-for channels, or channels coordinated for future growth. Coordination must be completed prior to filing an application for regular authorization, for major amendment to a pending application, or for major modification to a license.

(2) To be acceptable for filing, all applications for regular authorization, or major amendment to a pending application, or major modification to a license, must include a certification attesting that all co-channel and adjacent-channel licensees and applicants potentially affected by the proposed fixed use of the frequency(ies) have been notified and are in agreement that the proposed facilities can be installed without causing harmful interference to those other licensees and applicants.

(d) Frequency coordination for all mobile (temporary fixed) stations in all bands above 1990 MHz, except the bands 6425–6525 MHz and 17.7–19.7 GHz. For each frequency authorized under this part, applicants are responsible for selecting the frequency assignments that are least likely to result in mutual interference with other licensees in the same area. Applicants may consult local frequency coordination committees, where they exist, for information on frequencies available in the area. In selecting frequencies, consideration should be given to the relative location of receive points, normal transmission paths, and the nature of the contemplated operation.

46. Section 74.641 is amended by revising the introductory text of paragraph (a), removing the entry for 31,000 to 31,300 and footnotes 2 and 3 from the table in paragraph (a)(1), revising paragraphs (a)(5), and the introductory text of paragraph (b) to read as follows:

#### § 74.641 Antenna systems.

(a) For fixed stations operating above 2025 MHz, the following standards apply:

\* \* \* \* \*

(5) Pickup stations are not subject to the performance standards herein stated.

(b) All fixed stations are to use antenna systems in conformance with the standards of this section. TV auxiliary broadcast stations are considered to be located in an area subject to frequency congestion and must employ a Category A antenna when:

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47. Section 74.643 is revised to read as follows:

#### § 74.643 Interference to geostationary-satellites.

Applicants and licensees must comply with § 101.145 of this chapter to minimize the potential of interference to geostationary-satellites.

48. Section 74.644 is amended by revising the table in paragraph (a) and paragraph (b) to read as follows:

#### § 74.644 Minimum path lengths for fixed links.

(a) \* \* \*

Frequency band (MHz)	Minimum path length (km)
Below 1,990 .....	n/a
1,990–7,125 .....	17
12,200–13,250 .....	5
Above 17,700 .....	n/a

(b) For paths shorter than those specified in the Table, the EIRP shall not exceed the value derived from the following equation.

$$\text{EIRP} = \text{MAXEIRP} - 40 \log(A/B) \text{ dBW}$$

Where:

EIRP = The new maximum EIRP (equivalent isotropically radiated power) in dBW.

MAXEIRP = Maximum EIRP as set forth in the Table in § 74.636 of this part.

A = Minimum path length from the Table above for the frequency band in kilometers.

B = The actual path length in kilometers.

**Note 1 to Paragraph (b):** For transmitters using Automatic Transmitter Power Control, EIRP corresponds to the maximum transmitter power available, not the coordinated transmit power or the nominal transmit power.

**Note 2 to Paragraph (b):** Stations licensed based on an application filed before April 16, 2003, in the 2450–2483.5 MHz band, for EIRP values exceeding those specified above, may continue to operate indefinitely in accordance with the terms of their current authorizations, subject to periodic renewal.

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49. Section 74.651 is amended by revising paragraphs (a) and (b), removing paragraphs (c) and (d), and redesignating paragraph (e) as paragraph (c) to read as follows:

#### § 74.651 Equipment changes.

(a) Modifications may be made to an existing authorization in accordance with §§ 1.929 and 1.947 of this chapter.

(b) Multiplexing equipment may be installed on any licensed TV broadcast STL, TV relay or translator relay station without authority from the Commission.

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