

(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.

61. Section 78.101 is amended by revising the table in paragraph (a) and adding paragraph (c) to read as follows:

§ 78.101 Power limitations.

(a) * * *

Frequency band (MHz)	Maximum allowable transmitter power—mobile (W)	Maximum allowable EIRP ^{1,2}	
		Fixed (dBW)	Mobile (dBW)
2,025 to 2,110	20.0	.....	+35
6,425 to 6,525	20.0	.....	+35
6,875 to 7,125	20.0	.....	+35
12,700 to 13,250	1.5	+55	+45
17,700 to 18,600 .....	.....	+55	.....
18,600 to 18,800 ¹ .....	.....	+35	.....
18,800 to 19,700 .....	.....	+55	.....

¹ The power delivered to the antenna is limited to –3 dBW.

² Stations licensed based on an application filed before April 16, 2003, 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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(c) The EIRP of transmitters that use Automatic Transmitter Power Control (ATPC) shall not exceed the EIRP specified on the station authorization. The EIRP of non-ATPC transmitters shall be maintained as near as practicable to the EIRP specified on the station authorization.

§ 78.103 [Amended]

62. Section 78.103 is amended by removing the entry for 31,000 to 31,300 from the table in paragraph (e).

63. Section 78.105 is amended by revising the introductory text for paragraph (a), removing the entries for 31,000 to 31,300 and 38,600 to 40,000 and footnotes 2 and 3 from the table in paragraph (a)(1) removing paragraph (a)(4) and by redesignating paragraph (a)(5) as paragraph (a)(4) to read as follows:

§ 78.105 Antenna systems.

(a) For fixed stations operating in the 12.7–13.2 GHz and 17.7–19.7 GHz bands, the following standards apply:

* * *

64. Section 78.106 is revised to read as follows:

§ 78.106 Interference to geostationary-satellites.

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

65. Section 78.108 is amended by revising paragraph (b) to read as follows:

§ 78.108 Minimum path lengths for fixed links.

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(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 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.

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§ 78.111 [Amended]

66. Section 78.111 is amended by removing the entry for 31,000 to 31,300 from the table.

PART 101—FIXED MICROWAVE SERVICES

67. The authority citation for part 101 continues to read as follows:

Authority: 47 U.S.C. 154, 303.

68. Section 101.113 is amended by revising the column headings and the entry for the 12,700–13,250 and adding 13,200–13,250 MHz frequency band in the table in paragraph (a) to read as follows:

§ 101.113 Transmitter power limitations.

(a) * * *