

PART 25—SATELLITE COMMUNICATIONS

■ 5. The authority citation for part 25 continues to read as follows:

Authority: 47 U.S.C. 701–744. Interprets or applies sec. 303, 47 U.S.C. 303. 47 U.S.C. sections 154, 301, 302, 303, 307, 309 and 332, unless otherwise noted.

■ 6. Section 25.115 is amended by revising paragraph (e) to read as follows:

§ 25.115 Application for earth station authorizations.

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(e) Earth stations operating in the 20/30 GHz Fixed-Satellite Service with U.S.-licensed or non-U.S. licensed satellites: Applications to license individual earth stations operating in the 20/30 GHz band shall be filed on FCC Form 312, Main Form and Schedule B, and shall also include the information described in § 25.138. Earth stations belonging to a network operating in the 18.3–18.8 GHz, 19.7–20.2 GHz, 28.35–28.6 GHz or 29.25–30.0 GHz bands may be licensed on a blanket basis. Applications for such blanket authorization may be filed using FCC Form 312, Main Form and Schedule B, and specifying the number of terminals to be covered by the blanket license. Each application for a blanket license under this section shall include the information described in § 25.138.

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■ 7. Section 25.138 is amended by revising the section heading and paragraph (a) introductory text to read as follows:

§ 25.138 Blanket Licensing Provisions of GSO FSS Earth Stations in the 18.3–18.8 GHz (space-to-Earth), 19.7–20.2 GHz (space-to-Earth), 28.35–28.6 GHz (Earth-to-space), and 29.25–30.0 GHz (Earth-to-space) bands.

(a) All applications for a blanket earth station license in the GSO FSS in the 18.3–18.8 GHz, 19.7–20.2 GHz, 28.35–28.6 GHz, and 29.25–30.0 GHz bands

that meet the following requirements shall be routinely processed:

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■ 8. Section 25.145 is amended by revising paragraph (h) to read as follows:

§ 25.145 Licensing conditions for the Fixed-Satellite Service in the 20/30 GHz bands

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(h) *Policy governing the relocation of terrestrial services from the 18.3 to 19.3 GHz band.* Frequencies in the 18.3–19.3 GHz band listed in parts 21, 74, 78, and 101 of this chapter have been reallocated for primary use by the Fixed-Satellite Service, subject to various provisions for the existing terrestrial licenses. Fixed-Satellite Service operations are not entitled to protection from the co-primary operations until after the period during which terrestrial stations remain co-primary has expired. (see §§ 21.901(e), 74.502(c), 74.602(g), 78.18(a)(4), and 101.147(r) of this chapter).

■ 9. Section 25.202 is amended by revising the table in paragraph (a)(1) to read as follows:

§ 25.202 Frequencies, frequency tolerance and emission limitations.

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Space-to-Earth (GHz)	Earth-to-space (GHz)
3.7–4.21 ¹	5.091–5.25 ^{12, 14}
6.7–7.025 ¹²	5.925–6.425 ¹
10.7–10.95 ^{1, 12}	12.75–13.15 ^{1, 12}
10.95–11.2 ^{1, 2, 12}	13.2125–13.25 ^{1, 12}
11.2–11.45 ^{1, 12}	13.75–14 ^{4, 12}
11.45–11.7 ^{1, 2, 12}	14–14.25 ⁵
11.7–12.2 ³	14.2–14.5
12.2–12.7 ¹³	15.43–15.63 ^{12, 15}
18.3–18.58 ^{1, 10, 16}	17.3–17.89 ⁹
18.58–18.8 ^{6, 10, 11}	27.5–29.5 ¹
18.8–19.3 ^{7, 10}	29.5–30
19.3–19.7 ^{8, 10}	48.2–50.2
19.7–20.2 ¹⁰	
37.6–38.6	
40–41	

¹This band is shared coequally with terrestrial radiocommunication services.

²Use of this band by geostationary satellite orbit satellite systems in the fixed-satellite service is limited to international systems; i.e., other than domestic systems.

³Fixed-satellite transponders may be used additionally for transmissions in the broadcasting-satellite service.

⁴This band is shared on an equal basis with the Government radiolocation service and grandfathered space stations in the Tracking and Data Relay Satellite System.

⁵In this band, stations in the radio-navigation service shall operate on a secondary basis to the fixed-satellite service.

⁶The band 18.58–18.8 GHz is shared co-equally with existing terrestrial radiocommunication systems until June 8, 2010.

⁷The band 18.8–19.3 GHz is shared co-equally with terrestrial radiocommunications services until June 8, 2010, except for operations in the band 19.26–19.3 GHz and for low power systems operating under Section 101.147(r)(10), which shall operate on a co-primary basis until October 31, 2011.

⁸The use of the band 19.3–19.7 GHz by the fixed-satellite service (space-to-Earth) is limited to feeder links for the mobile-satellite service.

⁹The use of the band 17.3–17.8 GHz by the Fixed-Satellite Service (Earth-to-space) is limited to feeder links for the Direct Broadcast Satellite Service, and the sub-band 17.7–17.8 GHz is shared co-equally with terrestrial fixed services.

¹⁰This band is shared co-equally with the Federal Government fixed-satellite service.

¹¹The band 18.6–18.8 GHz is shared co-equally with the non-Federal Government and Federal Government Earth exploration-satellite (passive) and space research (passive) services.

¹²Use of this band by non-geostationary satellite orbit systems in the fixed-satellite service is limited to gateway earth station operations.

¹³Use of this band by the fixed-satellite service is limited to non-geostationary satellite orbit systems.

¹⁴See 47 CFR 2.106, footnotes S5.444A and US344, for conditions that apply to this band.

¹⁵See 47 CFR 2.106, footnotes S5.511C and US359, for conditions that apply to this band.

¹⁶The band 18.3–18.58 GHz is shared co-equally with terrestrial radiocommunications services until November 19, 2012.