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Subpart A—General

§ 30.1 Creation of upper microwave flexible use service, scope and authority.

As of December 14, 2016, Local Multipoint Distribution Service licenses for the 27.5–28.35 GHz band, and licenses issued in the 38.6–40 GHz band under part 101 of this chapter shall be reassigned to the Upper Microwave Flexible Use Service. Local Multipoint Distribution Service licenses in bands other than 27.5–28.35 GHz shall remain in that service and shall be governed

by the part 101 of this chapter applicable to that service.

§ 30.2 Definitions.

The following definitions apply to this part:

Authorized bandwidth. The maximum width of the band of frequencies permitted to be used by a station. This is normally considered to be the necessary or occupied bandwidth, whichever is greater. (See § 2.202 of this chapter).

Authorized frequency. The frequency, or frequency range, assigned to a station by the Commission and specified in the instrument of authorization.

Fixed satellite earth station. An earth station intended to be used at a specified fixed point.

Local Area Operations. Operations confined to physical facility boundaries, such as a factory.

Point-to-Multipoint Hub Station. A fixed point-to-multipoint radio station that provides one-way or two-way communication with fixed Point-to-Multipoint Service User Stations.

Point-to-Multipoint Service. A fixed point-to-multipoint radio service consisting of point-to-multipoint hub stations that communicate with fixed point-to-multipoint user stations.

Point-to-Multipoint User Station. A fixed radio station located at users' premises, lying within the coverage area of a Point-to-Multipoint Hub station, using a directional antenna to receive one-way communications from or providing two-way communications with a fixed Point-to-Multipoint Hub Station.

Point-to-point station. A station that transmits a highly directional signal from a fixed transmitter location to a fixed receive location.

Portable device. Transmitters designed to be used within 20 centimeters of the body of the user.

Prior coordination. A bilateral process conducted prior to filing applications which includes the distribution of the technical parameters of a proposed radio system to potentially affected parties for their evaluation and timely response.

Secondary operations. Radio communications which may not cause interference to operations authorized on a

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primary basis and which are not protected from interference from these primary operations

Transportable station. Transmitting equipment that is not intended to be used while in motion, but rather at stationary locations.

Universal Licensing System. The Universal Licensing System (ULS) is the consolidated database, application filing system, and processing system for all Wireless Radio Services. ULS supports electronic filing of all applications and related documents by applicants and licensees in the Wireless Radio Services, and provides public access to licensing information.

§30.3 Eligibility.

Any entity who meets the technical, financial, character, and citizenship qualifications that the Commission may require in accordance with such Act, other than those precluded by section 310 of the Communications Act of 1934, as amended, 47 U.S.C. 310, is eligible to hold a license under this part.

§30.4 Frequencies.

The following frequencies are available for assignment in the Upper Microwave Flexible Use Service:

- (a) 24.25–24.45 GHz and 24.75–25.25 GHz bands—24.25–24.35 GHz; 24.35–24.45 GHz; 24.75–24.85 GHz; 24.85–24.95 GHz; 24.95–25.05 GHz; 25.05–25.15 GHz; and 25.15–25.25 GHz.
- (b) [Reserved]

- (c) 27.5 GHz—28.35 GHz band—27.5–27.925 GHz and 27.925–28.35 GHz.

- (d) 38.6–40 GHz band:
 - (1) New channel plan:

Channel No.	Frequency band limits (MHz)
1	38,600–38,700
2	38,700–38,800
3	38,800–38,900
4	38,900–39,000
5	39,000–39,100
6	39,100–39,200
7	39,200–39,300
8	39,300–39,400
9	39,400–39,500
10	39,500–39,600
11	39,600–39,700
12	39,700–39,800
13	39,800–39,900
14	39,900–40,000

- (2) Pending transition to the new channel plan, existing 39 GHz licensees licensed under part 101 of this chapter may continue operating on the following channel plan:

Channel group A		Channel group B	
Channel No.	Frequency band limits (MHz)	Channel No.	Frequency band limits (MHz)
1-A	38,600–38,650	1-B	39,300–39,350
2-A	38,650–38,700	2-B	39,350–39,400
3-A	38,700–38,750	3-B	39,400–39,450
4-A	38,750–38,800	4-B	39,450–39,500
5-A	38,800–38,850	5-B	39,500–39,550
6-A	38,850–38,900	6-B	39,550–39,600
7-A	38,900–38,950	7-B	39,600–39,650
8-A	38,950–39,000	8-B	39,650–39,700
9-A	39,000–39,050	9-B	39,700–39,750
10-A	39,050–39,100	10-B	39,750–39,800
11-A	39,100–39,150	11-B	39,800–39,850
12-A	39,150–39,200	12-B	39,850–39,900
13-A	39,200–39,250	13-B	39,900–39,950
14-A	39,250–39,300	14-B	39,950–40,000

- (e) [Reserved]

(f) 37–38.6 GHz band: 37,600–37,700; 37,700–37,800 MHz; 37,800–37,900 MHz; 37,900–38,000 MHz; 38,000–38,100 MHz; 38,100–38,200 MHz; 38,200–38,300 MHz; 38,300–38,400 MHz; 38,400–38,500 MHz, and 38,500–38,600 MHz. The 37,000–37,600 MHz band segment shall be available on a

site-specific, coordinated shared basis with eligible Federal entities.

- (g) 47.2–48.2 GHz band—47.2–47.3 GHz; 47.3–47.4 GHz; 47.4–47.5 GHz; 47.5–47.6 GHz; 47.6–47.7 GHz; 47.7–47.8 GHz; 47.8–47.9 GHz; 47.9–48.0 GHz; 48.0–48.1 GHz; and 48.1–48.2 GHz.

[81 FR 79937, Nov. 14, 2016, as amended at 83 FR 65, Jan. 2, 2018; 84 FR 1631, Feb. 5, 2019]