

§ 101.1

47 CFR Ch. I (10–1–19 Edition)

- 101.1317 Competitive bidding procedures for mutually exclusive MAS EA applications.
- 101.1319 Competitive bidding provisions.
- 101.1321 License transfers.
- 101.1323 Spectrum aggregation, disaggregation, and partitioning.

SYSTEM REQUIREMENTS

- 101.1325 Construction requirements.
- 101.1329 EA Station license, location, modifications.
- 101.1331 Treatment of incumbents.
- 101.1333 Interference protection criteria.

Subpart P—Multichannel Video Distribution and Data Service Rules for the 12.2–12.7 GHz Band

- 101.1401 Service areas.
- 101.1403 Broadcast carriage requirements.
- 101.1405 Channeling plan.
- 101.1407 Permissible operations for MVDDS.
- 101.1409 Treatment of incumbent licensees.
- 101.1411 Regulatory status and eligibility.
- 101.1412 MVDDS eligibility restrictions for cable operators.
- 101.1413 License term and construction requirements.
- 101.1415 Partitioning and disaggregation.
- 101.1417 Annual report.
- 101.1421 Coordination of adjacent area MVDDS stations.
- 101.1423 Canadian and Mexican coordination.
- 101.1425 RF safety.
- 101.1427 MVDDS licenses subject to competitive bidding.
- 101.1429 Designated entities.
- 101.1440 MVDDS protection of DBS

Subpart Q—Service and Technical Rules for the 70/80/90 GHz Bands

- 101.1501 Services areas.
- 101.1505 Segmentation plan.
- 101.1507 Permissible operations.
- 101.1511 Regulatory status and eligibility.
- 101.1513 License term.
- 101.1523 Sharing and coordination among non-government licensees and between non-government and government services.
- 101.1525 RF safety.
- 101.1527 Canadian and Mexican coordination.

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

SOURCE: 61 FR 26677, May 28, 1996, unless otherwise noted.

Subpart A—General

§ 101.1 Scope and authority.

(a) Part 1 of the Commission's rules contains the general rules of practice

and procedure applicable to proceedings before the Commission and for the filing of applications for radio station licenses in the fixed microwave services.

(b) The purpose of the rules in this part is to prescribe the manner in which portions of the radio spectrum may be made available for private operational, common carrier, 24 GHz Service and Local Multipoint Distribution Service fixed, microwave operations that require transmitting facilities on land or in specified offshore coastal areas within the continental shelf.

(c) The rules in this part are issued pursuant to the authority contained in Titles I through III of the Communications Act of 1934, as amended, which vest authority in the Federal Communications Commission to regulate common carriers of interstate and foreign communications, to regulate radio transmissions and issue licenses for radio stations, and to regulate all interstate and foreign communications by wire and radio necessary to the accomplishment of the purposes of the Act.

[61 FR 26677, May 28, 1996, as amended at 62 FR 23163, Apr. 29, 1997; 63 FR 68981, Dec. 14, 1998; 65 FR 59357, Oct. 5, 2000]

§ 101.3 Definitions.

As used in this part:

24 GHz Service. A fixed point-to-point, point-to-multipoint, and multipoint-to-multipoint radio system in the 24.25–24.45 GHz band and in the 25.05–25.25 GHz band consisting of a fixed main (nodal) station and a number of fixed user terminals. This service may encompass any digital fixed service.

Antenna power gain. The ratio of the maximum radiation intensity to that of an isotropic (omnidirectional) radiator in the far field of its main (forward direction) lobe.

Antenna power input. The radio frequency peak or RMS power, as the case may be, supplied to the antenna from the antenna transmission line and its associated impedance matching network.

Antenna structure. The antenna, its supporting structure and anything attached to it.