

§2.901

(1) The amplifier has no more than 6 decibels of gain between 24 and 26 MHz and between 28 and 35 MHz. (This gain is determined by the ratio of the input RF driving signal (mean power measurement) to the mean RF output power of the amplifier.); and

(2) The amplifier exhibits no amplification (0 decibels of gain) between 26 and 28 MHz.

(c) No person shall manufacture, sell or lease, offer for sale or lease (including advertising for sale or lease) or import, ship or distribute for the purpose of selling or leasing or offering for sale or lease, any external radio frequency power amplifier or amplifier kit capable of operation on any frequency or frequencies below 144 MHz unless the amplifier has received a grant of type acceptance in accordance with subpart J of this part and subpart C of part 97 or other relevant parts of this chapter. No more than 10 external radio frequency power amplifiers or amplifier kits may be constructed for evaluation purposes in preparation for the submission of an application for a grant of type acceptance.

NOTE: For the purposes of this part, an amplifier will be deemed incapable of operation below 144 MHz if the amplifier is not capable of being easily modified to increase its amplification characteristics below 120 MHz, and either:

(1) The mean output power of the amplifier decreases, as frequency decreases from 144 MHz, to a point where 0 decibels or less gain is exhibited at 120 MHz and below 120 MHz; or

(2) The amplifier is not capable of even short periods of operation below 120 MHz without sustaining permanent damage to its amplification circuitry.

(d) The proscription in paragraph (b) of this section shall not apply to the marketing, as defined in paragraph (b) of this section, by a licensed amateur radio operator to another licensed amateur radio operator of an external radio frequency power amplifier fabricated in not more than one unit of the same model in a calendar year by that operator provided the amplifier is for the amateur operator's personal use at his licensed amateur radio station and the requirements of §§97.315 and 97.317 of this chapter are met.

(e) The proscription in paragraph (c) of this section shall not apply in the marketing, as defined in paragraph (c)

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of this section, by a licensed amateur radio operator to another licensed amateur radio operator of an external radio frequency power amplifier if the amplifier is for the amateur operator's personal use at his licensed amateur radio station and the requirements of §§97.315 and 97.317 of this chapter are met.

[40 FR 1246, Jan. 7, 1975; 40 FR 6474, Feb. 12, 1975, as amended at 43 FR 12687, Mar. 27, 1978; 43 FR 33725, Aug. 1, 1978; 46 FR 18981, Mar. 27, 1981; 62 FR 10470, Mar. 7, 1997]

Subpart J—Equipment Authorization Procedures

SOURCE: 39 FR 5919, Feb. 15, 1974, unless otherwise noted.

GENERAL PROVISIONS

§2.901 Basis and purpose.

(a) In order to carry out its responsibilities under the Communications Act and the various treaties and international regulations, and in order to promote efficient use of the radio spectrum, the Commission has developed technical standards for radio frequency equipment and parts or components thereof. The technical standards applicable to individual types of equipment are found in that part of the rules governing the service wherein the equipment is to be operated. In addition to the technical standards provided, the rules governing the service may require that such equipment be verified by the manufacturer or importer, be authorized under a Declaration of Conformity, or receive an equipment authorization from the Commission by one of the following procedures: certification or registration.

(b) The following sections describe the verification procedure, the procedure for a Declaration of Conformity, and the procedures to be followed in obtaining certification from the Commission and the conditions attendant to such a grant.

[61 FR 31045, June 19, 1996, as amended at 62 FR 10470, Mar. 7, 1997; 63 FR 36597, July 7, 1998]