

§ 90.267 Assignment and use of frequencies in the 450–470 MHz band for low power use.

- (a) The following frequencies between 450–470 MHz are designated for lowpower use subject to the provisions of this section. For purposes of this section these frequencies are referred to as “low power frequencies.” Pairs are shown but single frequencies are available for simplex operations.
- (g) Low power Public Safety Frequencies. The frequencies in the Public Safety Pool Low Power Group are available on a coordinated basis, pursuant to Sec. 90.20(c) (2) and Sec. 90.175 (b)

(1) Base, mobile or operational fixed stations will be authorized on Public Safety Low Power frequencies. Fixed stations may be licensed as mobile.

(2) Operations on these frequencies is limited to 6 watts effective radiated power for base, mobile or operational fixed stations and 2 watts ERP for portable units. A maximum antenna height of 7 meters (20 feet) above ground is authorized for fixed stations.

(3) The Public Safety Pool Low Power Frequencies are as follows:

453/458.03125	453/458.14375	453/458.9875
453/458.0375	453/458.88125	453/458.99375
453/548.04375	453/458.8875	460/465.48125
453/458.05625	453/458.89375	460/465.4875
453/458.0625	453/458.90625	460/465.49375
453/458.06875	453/458.9125	460/465.50625
453/458.08125	453/458.91875	460/465.5125
453/458.0875	453/458.93125	460/465.51875
453/458.09375	453/458.9375	460/465.53125
453/458.10625	453/458.94375	460/465.5375
453/458.1125	453/458.95625	460/465.54375
453/458.11875	453/458.9625	460/465.55625
453/458.13125	453/458.96875	460/465.5625
453/458.1375	453/458.98125	460/465.56875

(h) Unless otherwise noted, the following conditions apply to all low power frequencies:

- (1) Except for itinerant operations on Group C, wide area operations will not be authorized. The area of normal day-to-day operations will be described in the application in terms of maximum distance from a geographic center (latitude and longitude).
- (2) A hospital or health care institution holding a license to operate a radio station under this part may operate a medical radio telemetry device with an output power not to exceed 20 milliwatts without specific authorization from the Commission. All licensed

operating under this authority must comply with the requirements and limitations set forth in this section.

- (3) No limit shall be placed on the length or height above ground level of any commercially manufactured radiating transmission line when the transmission line is terminated in a non-radiating load and is routed at least 7 meters (20 feet) interior to the edge of any structure or is routed below ground level.
- (4) Sea-based stations may utilize antennas mounted not more than 7 meters (20 feet) above a man-made supporting structure, including antenna structures.
- (5) Continuous carriers operations are prohibited on these frequencies.
- (6) Unless specified elsewhere in this part, licensees as of August 5, 1999, licensed for operations with an emission designator wider than 11.25 kHz on low power frequencies that are subject to an authorized bandwidth of 11.25 kHz, may obtain primary status with respect to co-channel licensees by supplying their coordinates to the Commission. These licensees will continue to operate on a secondary basis with respect to adjacent channel licensees. Additionally, these licensees may continue to operate with an authorized bandwidth wider than 11.25 kHz on such low power frequencies, subject to the provisions of Sec. 90.209 (b) of this chapter.
- (7) Unless specified elsewhere in this part, licensees as of August 5th, 1999, licensed for operations with an emission designator wider than 11.25 kHz on frequencies that are subject to an authorized bandwidth of 11.25 kHz, which are not low power frequencies, may obtain primary status with respect to co-channel licensees by modifying their license to low power frequencies, supplying their coordinates to the Commission, and otherwise complying with the conditions of paragraphs (b) through (g) of this section. These licensees will continue to operate on a secondary basis with respect to adjacent channel licensees. Additionally, these licensees may continue to operate with an authorized bandwidth wider than 11.25 kHz on such low power frequencies, subject to the provisions of Sec. 90.209 (b) of this chapter.
- (8) Applicants proposing to operate with an authorized bandwidth wider than 11.25 kHz, on low power frequencies that are subject to an authorized bandwidth of 11.25 kHz, may be licensed on a secondary, non-interference basis. Such applicants are subject to the conditions of paragraphs (b) through (g) on this section and the provisions of Sec. 90.209 (b) of this chapter.

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