

exposure prior to equipment authorization or use. All other portable transmitting devices are categorically excluded from routine environmental evaluation for RF exposure prior to equipment authorization or use, except as specified in §§ 1.1307(c) and 1.1307(d) of this chapter. Applications for equipment authorization of portable transmitting devices subject to routine environmental evaluation must contain a statement confirming compliance with the limits specified in paragraph (d) of this section as part of their application.

Technical information showing the basis for this statement must be submitted to the Commission upon request.

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PART 90—PRIVATE LAND MOBILE RADIO SERVICES

■ 5. The authority citation for part 90 continues to read as follows:

Authority: Sections 4(i), 11, 303(g), 303(r) and 332(c)(7) of the Communications Act of

1934, as amended, 47 U.S.C. 154(i), 161, 303(g), 303(r), 332(c)(7).

■ 6. Section 90.20 is amended by inserting the following frequency in the table at paragraph (c)(3) before the entry referencing the 10,550 to 10,680 band, and adding paragraph (d)(85) to read as follows:

§ 90.20 Public Safety Pool.

* * * * *

(c) * * *

(3) *Frequencies.*

PUBLIC SAFETY POOL FREQUENCY TABLE

Frequency or band	Class of station(s)	Limitations	Coordinator
* * * * *			
4940 to 4990	Fixed, base or mobile	85	*
* * * * *			

* * * * *

(d) * * *

(85) Subpart Y of this part contains rules for assignment of frequencies in the 4940–4990 MHz band.

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■ 7. Section 90.137 is amended by adding paragraph (c) to read as follows:

§ 90.137 Applications for operation at temporary locations.

* * * * *

(c) The provisions of this section do not apply to the 4940–4990 MHz band.

■ 8. Section 90.155 is amended by revising paragraph (a) to read as follows:

§ 90.155 Time in which a station must be placed in operation.

(a) All stations authorized under this part, except as provided in sections 90.629, 90.631(f), 90.665, 90.685 and 90.1209, must be placed in operation within twelve (12) months from the date of grant or the authorization cancels automatically and must be returned to the Commission.

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■ 9. Section 90.175 is amended by revising paragraph (i) and adding a new paragraph (j)(17) to read as follows:

§ 90.175 Frequency coordination requirements.

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(i) Applications for facilities near the Canadian border north of line A or east of line C in Alaska may require coordination with the Canadian government. See § 1.928 of this chapter.

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(j) * * *

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(17) Applications for frequencies in the 4940–4990 MHz band.

■ 10. Section 90.205 is amended by redesignating paragraphs (o) through (q) as (p) through (r), and adding paragraph (o) to read as follows:

§ 90.205 Power and antenna height limits.

* * * * *

(o) 4940–4990 MHz. Limitations on power are specified in § 90.1215.

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■ 11. Section 90.210 is amended by adding a new frequency band entry to the table in the undesignated paragraph in numerical order, by redesignating paragraphs (l) and (m) as paragraphs (m) and (n) and by adding a new paragraph (l) to read as follows:

§ 90.210 Emission masks.

* * * * *

APPLICABLE EMISSION MASKS

Frequency band (MHz)	Mask for equipment with audio low pass filter	Mask for equipment without audio low pass filter
* * * * *		
4940–4990 MHz.	L	L
* * * * *		

* * * * *

(l) Emission Mask L. For transmitters operating in the 4940–4990 MHz frequency band, any emission must be

attenuated below the output power of the transmitter as follows:

(1) On any frequency removed from the assigned frequency by more than 40 percent but less than 75 percent of the authorized bandwidth: At least 28 dB.

(2) On any frequency removed from the assigned frequency by more than 75 percent but less than 125 percent of the authorized bandwidth: At least 37 dB.

(3) On any frequency removed from the assigned frequency by more than 125 percent but less than 150 percent of the authorized bandwidth: At least 41 dB.

(4) On any frequency removed from the assigned frequency by more than 150 percent of the authorized bandwidth: At least 53 dB.

(5) On any frequency outside the channel bandwidth, the power spectral density of the device must meet the attenuation in the mask above or -53 dBm/MHz, whichever is the lesser attenuation.

(6) The zero dB reference is measured relative to the highest average power of the fundamental emission measured across the designated channel bandwidth using a resolution bandwidth of at least one percent of the occupied bandwidth of the fundamental emission. Emission levels are also based on the use of measurement instrumentation employing a resolution bandwidth of at least one percent of the occupied bandwidth.

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■ 12. Subpart Y is added to read as follows: