

§ 95.621

47 CFR Ch. I (10-1-00 Edition)

(c) Any modification to provide for additional transmitting frequencies, increased modulation level, a different form of modulation, or increased *TP* (RF transmitter power expressed in *W* (watts), either *mean power* (TP averaged over at least 30 cycles of the lowest modulating frequency, typically 0.1 seconds at maximum power) or *peak envelope power* (TP averaged during 1 RF cycle at the highest crest of the modulation envelope), as measured at the transmitter output antenna terminals.)

[53 FR 36789, Sept. 22, 1988, as amended at 63 FR 36610, July 7, 1998]

TECHNICAL STANDARDS

§ 95.621 GMRS transmitter channel frequencies.

(a) The GMRS transmitter *channel frequencies* (reference frequencies from which the carrier frequency, suppressed or otherwise, may not deviate by more than the specified frequency tolerance) are 462.5500, 462.5625, 462.5750, 462.5875, 462.6000, 462.6125, 462.6250, 462.6375, 462.6500, 462.6625, 462.6750, 462.6875, 462.7000, 462.7125, 462.7250, 467.5500, 467.5750, 467.6000, 467.6250, 467.6500, 467.6750, 467.7000, and 467.7250.

NOTE: Certain GMRS transmitter channel frequencies are authorized only for certain station classes and station locations. See part 95, subpart A.

(b) Each GMRS transmitter for mobile station, small base station and control station operation must be maintained within a frequency tolerance of 0.0005%. Each GMRS transmitter for base station (except small base), mobile relay station or fixed station operation must be maintained within a frequency tolerance of 0.00025%.

[53 FR 47718, Nov. 25, 1988]

§ 95.623 R/C transmitter channel frequencies.

(a) The R/C transmitter channel frequencies are:

	MHz
26.995	72.01
27.045	72.03
27.095	72.05
27.145	72.07
27.195	72.09
27.255	72.11

72.13	72.87
72.15	72.89
72.17	72.91
72.19	72.93
72.21	72.95
72.23	72.97
72.25	72.99
72.27	75.41
72.29	75.43
72.31	75.45
72.33	75.47
72.35	75.49
72.37	75.51
72.39	75.53
72.41	75.55
72.43	75.57
72.45	75.59
72.47	75.61
72.49	75.63
72.51	75.65
72.53	75.67
72.55	75.69
72.57	75.71
72.59	75.73
72.61	75.75
72.63	75.77
72.65	75.79
72.67	75.81
72.69	75.83
72.71	75.85
72.73	75.87
72.75	75.89
72.77	75.91
72.79	75.93
72.81	75.95
72.83	75.97
72.85	75.99

NOTE: Certain R/C transmitter channel frequencies are authorized to operate only certain kinds of devices (see part 95, subpart C.)

(b) Each R/C transmitter that transmits in the 26-27 MHz frequency band with a mean TP of 2.5 W or less and that is used solely by the operator to turn on and/or off a device at a remote location, other than a device used solely to attract attention, must be maintained within a frequency tolerance of 0.01%. All other R/C transmitters that transmit in the 26-27 MHz frequency band must be maintained within a frequency tolerance of 0.005%. Except as noted in paragraph (c) of this section, R/C transmitters capable of operation in the 72-76 MHz band must be maintained within a frequency tolerance of 0.005%.

(c) All R/C transmitters capable of operation in the 72-76 MHz band that are manufactured in or imported into the United States, on or after March 1, 1992, or are marketed on or after March 1, 1993, must be maintained within a