

2.1053
95.635(b)(7)

UNWANTED RADIATION:

The tabulated Data shows the results of the radiated field strength emissions test. The spectrum was scanned from 30 MHz to at least the 10th harmonic of the fundamental. This test was conducted per ANSI C63.4-1992.

REQUIREMENTS: GMRS: $43 + 10\log(0.225) = 36.52$ dB

TEST DATA (GMRS):

Emission Frequency MHz	ATTN dBc	dBm
462.6375	0	23.5
925.28	39	-16
1387.91	52	-29
1850.55	50	-27
2313.19	53	-30
2775.83	58	-35
3238.46	58	-35
3701.1	57	-34
4163.74	49	-26
4626.38	46	-23

METHOD OF MEASUREMENT: The tabulated data shows the results of the radiated field strength emissions test. The spectrum was scanned from 30 MHz to at least the tenth harmonic of the fundamental. This test was conducted per TIA/EIA STANDARD 603 using the substitution method. Measurements were made at the open field test site of TIMCO ENGINEERING, INC. located at 849 NW State Road 45, Newberry, FL 32669.

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REQUIREMENTS: FRS: $43 + 10\log(0.218) = 36.39$ dB

TEST DATA (FRS):

Emission Frequency MHz	ATTN dBc	dBm
467.6375	0	23.4
935.28	41	-18
1402.91	57	-34
1870.55	52	-29
2338.19	49	-26
2805.83	55	-32
3273.46	56	-33
3741.1	63	-40
4208.74	68	-45
4676.38	46	-23

METHOD OF MEASUREMENT: The tabulated data shows the results of the radiated field strength emissions test. The spectrum was scanned from 30 MHz to at least the tenth harmonic of the fundamental. This test was conducted per TIA/EIA STANDARD 603 using the substitution method. Measurements were made at the open field test site of TIMCO ENGINEERING, INC. located at 849 NW State Road 45, Newberry, FL 32669.