

TABLE 1

RADIATED FIELD INTENSITY
Measured at 3 meters
15.249

Frequency (MHz)	**	Meter ¹ Reading (dBm)	Antenna ⁴ Factor (dB)	Field ² Intensity uV/m @ 3m	PZ	Calc. Field ³ Intensity uV/m @ 3m	FCC Limit uV/m @ 3m	dB to Limit
919.845	Q	-44.37	30.9	47,479	V	n/a	50000.0	- 0.45
919.845	P	-41.81	30.9	63,753	V	n/a	50000.0	+ 2.1
1839.685	P	-93.94	32.8	196	V	19.6	500.0	-28.1
2759.528	P	-97.32	36.9	213.3	H	21.3	500.0*	-27.4
3679.370	P	-99.49	38.1	190.7	H	19.0	500.0*	-28.4

Note 1: Peak detector reading without averaging.

Note 2:
$$\text{uV/m} = \text{Log}^{-1} \frac{\text{dBu/m}}{20}$$

$$\text{dBu} = \text{dBm} + \text{antenna factor} + 107$$

Note 3: Field Intensity calculated from peak value and -20 dB peak/average factor.

Note 4: Includes cable attenuation

*Forbidden Band

** Q = quasi-peak detector

** P = peak detector

PZ = test antenna polarization

All other emissions to the tenth harmonic were below FCC limits.

(Unit was measured on 3 major planes)

VBW 1 MHz, RBW 1 MHz, with CISPR 120 kHz detector; RBW > 1 GHz: 1 MHz

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FCC ID: MS8-TRANSPONDITV4

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