

**6.4. Radiated Spurious Emissions Data -- Pursuant 47 CFR 2.1053, 2.1057, 90.210 (g) and 90.691(a)****FCC Limits -**

Radiated spurious emissions shall be attenuated below the maximum level of emission of the carrier frequency in accordance with the following formula:

$$\text{Spurious attenuation in dB} = 43 + 10 \log_{10} (P)$$

For this radio, the limit is -13dBm. The radio complies with the limit under both maximum and minimum output conditions. Since the results were too low to detect under the minimum power condition, therefore the data is provided only for the maximum power conditions in following tables.

NOTE 1: The following data reflects worst-case measurements taken on the unit, side orientation in this case.

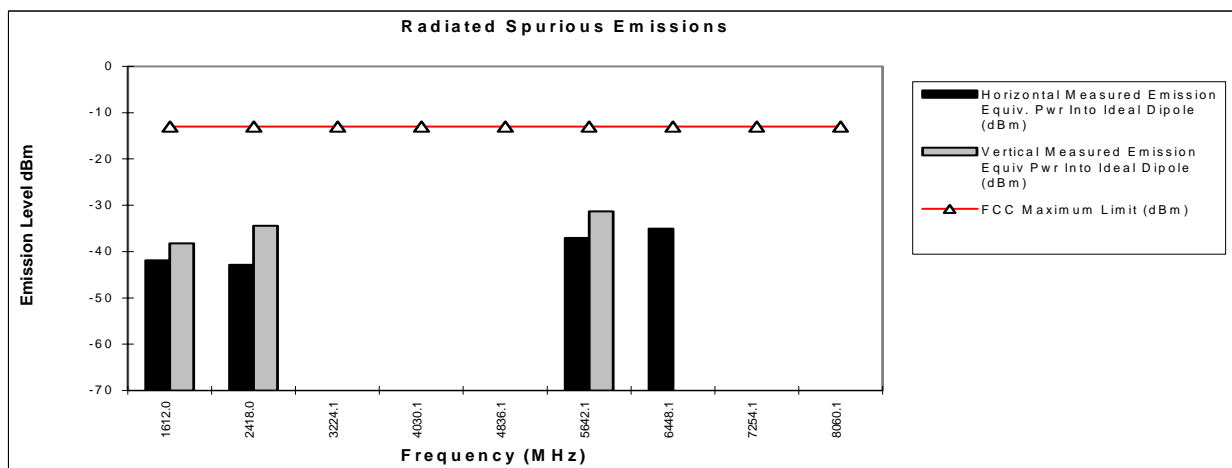
NOTE 2: Spurious emissions are independent of modulation type. M-16QAM was used to obtain the results reported.

NOTE 3: No emissions were detected in low power mode of operation, within the resolution of the setup.

## Radiated Spurious and Harmonic Emissions

**CHANNEL: 806.0125 MHz**

Frequency (MHz)	FCC Maximum Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0	-13	-41.9	-38.3
2418.0	-13	-42.8	-34.4
3224.1	-13	*	*
4030.1	-13	*	*
4836.1	-13	*	*
5642.1	-13	-37.1	-31.4
6448.1	-13	-35.1	*
7254.1	-13	*	*
8060.1	-13	*	*



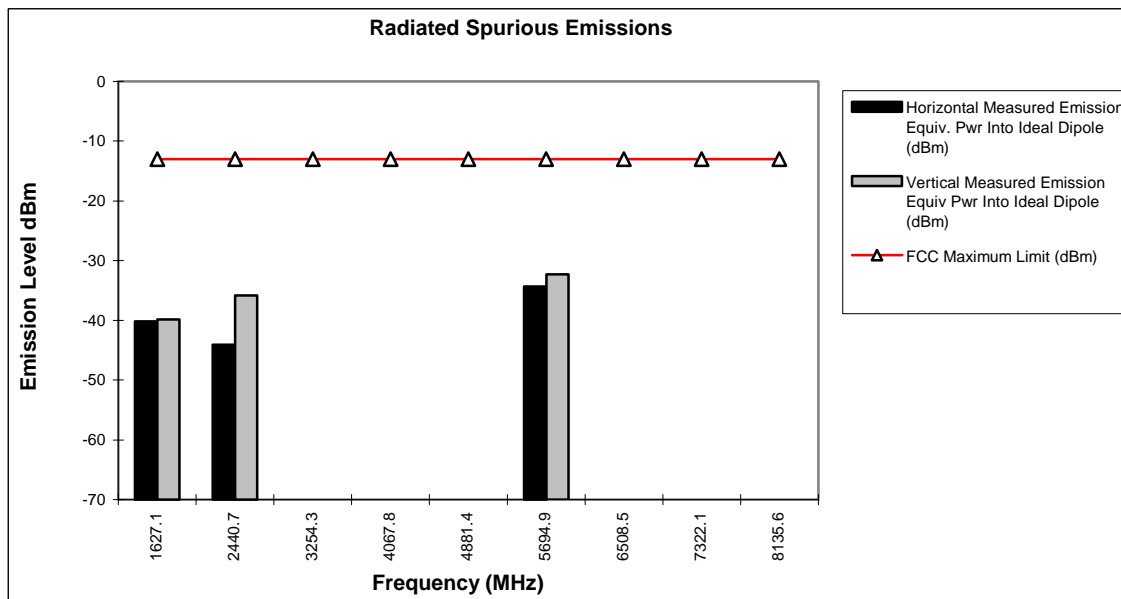
**Notes:**

- \* Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at each harmonic at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.

## Radiated Spurious and Harmonic Emissions

**CHANNEL: 813.5625 MHz**

Frequency (MHz)	FCC Maximum Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1627.1	-13	-40.2	-39.9
2440.7	-13	-44.1	-35.8
3254.3	-13	*	*
4067.8	-13	*	*
4881.4	-13	*	*
5694.9	-13	-34.3	-32.3
6508.5	-13	*	*
7322.1	-13	*	*
8135.6	-13	*	*



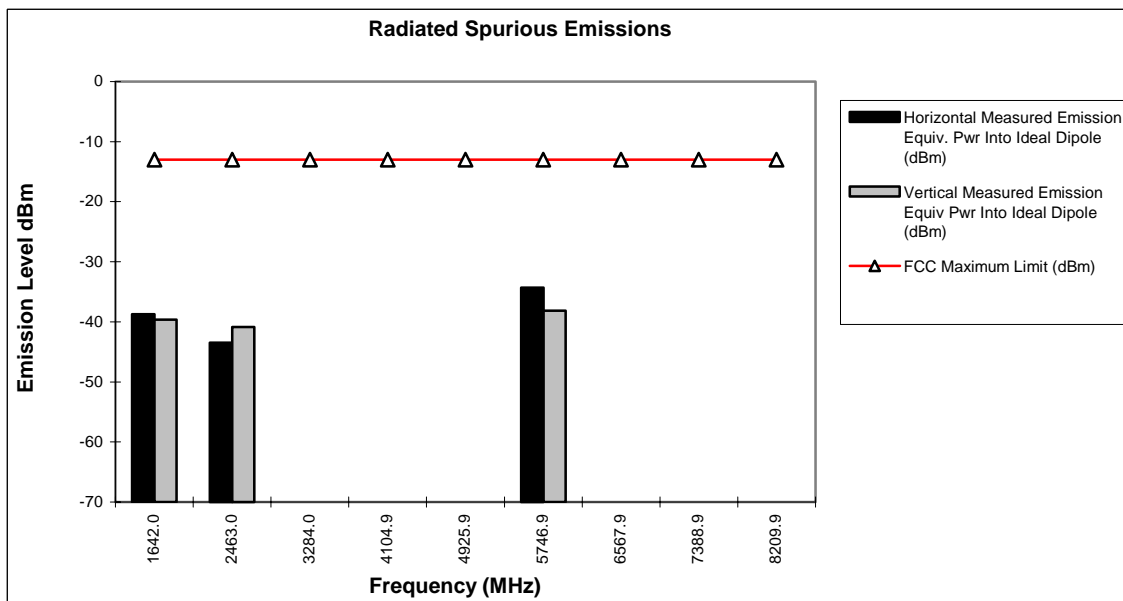
**Notes:**

- \* Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at each harmonic at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.

## Radiated Spurious and Harmonic Emissions

**CHANNEL: 820.9875 MHz**

Frequency (MHz)	FCC Maximum Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1642.0	-13	-38.7	-39.6
2463.0	-13	-43.5	-40.9
3284.0	-13	*	*
4104.9	-13	*	*
4925.9	-13	*	*
5746.9	-13	-34.3	-38.1
6567.9	-13	*	*
7388.9	-13	*	*
8209.9	-13	*	*



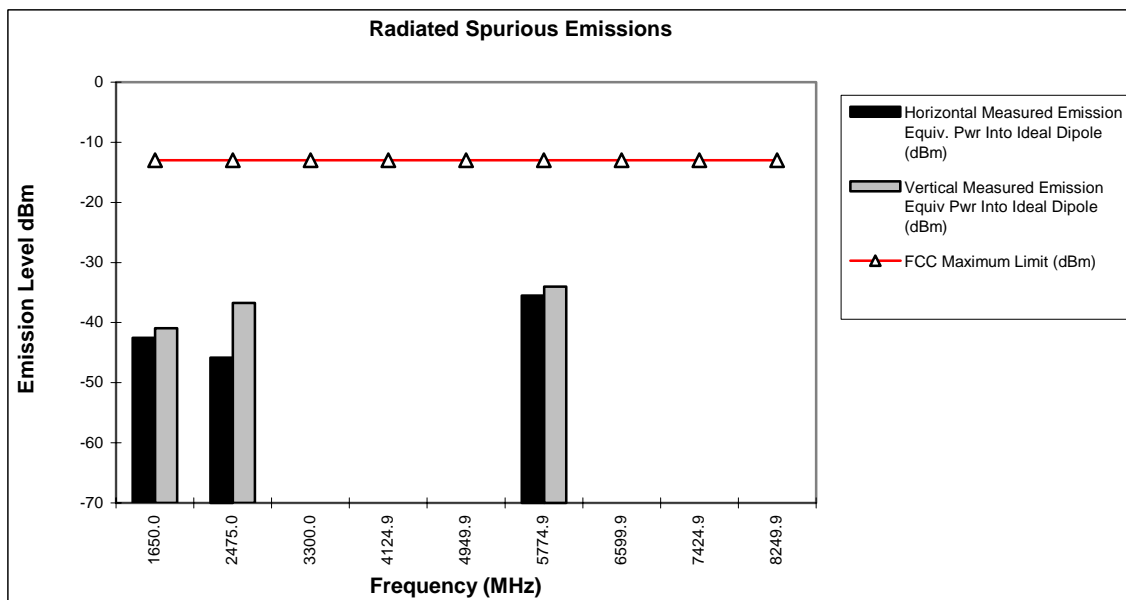
**Notes:**

1. \* Indicates the spurious emission could not be detected due to noise limitations or ambients.
2. Each emission reported reflects the highest absolute level at each harmonic at maximum power.
3. The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.

## Radiated Spurious and Harmonic Emissions

**CHANNEL: 824.9875 MHz**

Frequency (MHz)	FCC Maximum Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1650.0	-13	-42.5	-40.9
2475.0	-13	-45.9	-36.8
3300.0	-13	*	*
4124.9	-13	*	*
4949.9	-13	*	*
5774.9	-13	-35.5	-34.0
6599.9	-13	*	*
7424.9	-13	*	*
8249.9	-13	*	*



### Notes:

- \* Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at each harmonic at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.