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

FCC Limits -

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

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

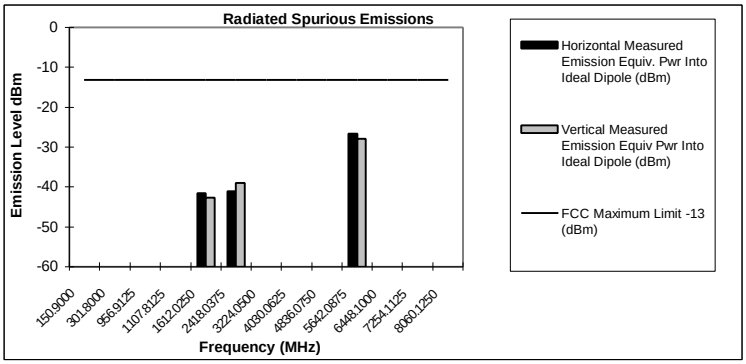
For this radio, the limit is -13dBm. The radio complies with the limit under both maximum and minimum output conditions. Since the results were too low to detect under the minimum power condition, therefore the data is provided only for the maximum power conditions in following tables.

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

Transmitter Radiated Spurious Emissions : i2000

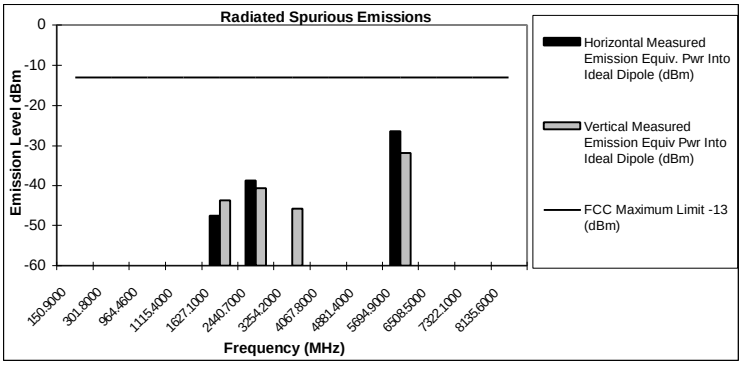
806.0125 MHz - 0.60 W

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
IF	150.9000	-13	*	*
2XIF	301.8000	-13	*	*
LO	956.9125	-13	*	*
IF+LO	1107.8125	-13	*	*
2X FUND	1612.0250	-13	-41.55	-42.68
3X FUND	2418.0375	-13	-41.07	-38.99
4X FUND	3224.0500	-13	*	*
5X FUND	4030.0625	-13	*	*
6X FUND	4836.0750	-13	*	*
7X FUND	5642.0875	-13	-26.52	-27.89
8X FUND	6448.1000	-13	*	*
9X FUND	7254.1125	-13	*	*
10XFUND	8060.1250	-13	*	*



813.5625 MHz - 0.60W

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
IF	150.9	-13	*	*
2XIF	301.8	-13	*	*
LO	964.5	-13	*	*
IF+LO	1115.4	-13	*	*
2X FUND	1627.1	-13	-47.6	-43.72
3X FUND	2440.7	-13	-38.7	-40.69
4X FUND	3254.2	-13	*	-45.76
5X FUND	4067.8	-13	*	*
6X FUND	4881.4	-13	*	*
7X FUND	5694.9	-13	-26.5	-31.91
8X FUND	6508.5	-13	*	*
9X FUND	7322.1	-13	*	*
10XFUND	8135.6	-13	*	*

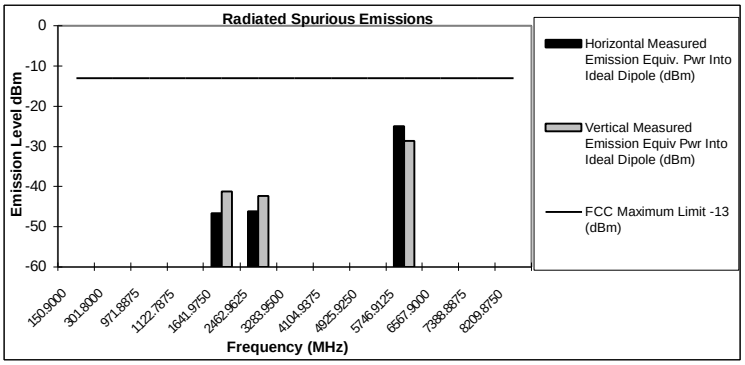


* Indicates the spurious emission was less than -60dBm or could not be detected due to noise limitations.

Transmitter Radiated Spurious Emissions: i2000

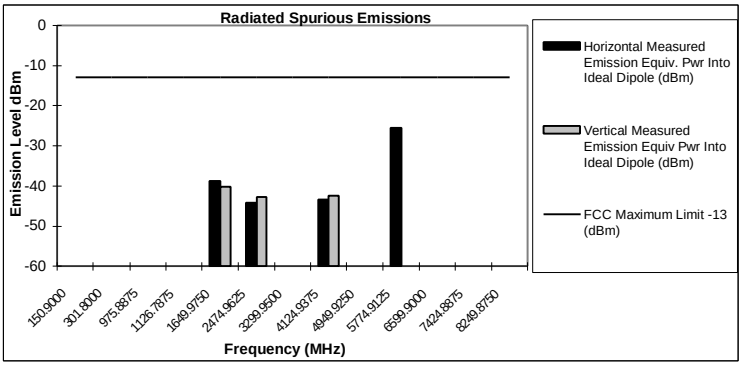
820.9875 MHz - 0.6W

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
IF	150.9000	-13	*	*
2XIF	301.8000	-13	*	*
LO	971.8875	-13	*	*
IF+LO	1122.7875	-13	*	*
2X FUND	1641.9750	-13	-46.56	-41.23
3X FUND	2462.9625	-13	-46.11	-42.33
4X FUND	3283.9500	-13	*	*
5X FUND	4104.9375	-13	*	*
6X FUND	4925.9250	-13	*	*
7X FUND	5746.9125	-13	-25	-28.58
8X FUND	6567.9000	-13	*	*
9X FUND	7388.8875	-13	*	*
10XFUND	8209.8750	-13	*	*



824.9875 MHz - 0.6W

	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
IF	150.9	-13	*	*
2XIF	301.8	-13	*	*
LO	975.9	-13	*	*
IF+LO	1126.8	-13	*	*
2X FUND	1650.0	-13	-38.8	-40.28
3X FUND	2475.0	-13	-44.1	-42.7
4X FUND	3300.0	-13	*	*
5X FUND	4124.9	-13	-43.3	-42.44
6X FUND	4949.9	-13	*	*
7X FUND	5774.9	-13	-25.4	*
8X FUND	6599.9	-13	*	*
9X FUND	7424.9	-13	*	*
10XFUND	8249.9	-13	*	*



* Indicates the spurious emission was less than -60dBm or could not be detected due to noise limitations.