

EXHIBIT 6-1 MEASURED DATA - PURSUANT 47 CFR 2.1041 & 2.1033 (C) 14

6.1-1 Transmitter Power – Pursuant 47 CFR 2.1046(a) & 2.1033 (c) 8

The RF power output was measured at the nominal battery voltage of 4.0 V (unloaded battery terminal voltage). The measurements were taken during a transmission pulse. Measurements were made with the GPS receiver circuit disabled.

Table 6-1. 800 MHz

At the minimum power setting:	
Mean output power	0.744 mW
DC Voltage	3.842 V
DC Current of Phone	0.68 A
Mean Input Power for the final RF Amplifying Module	0.187 μ W

At the maximum power setting:	
Mean output power	0.672 W
DC Voltage	3.692 V
DC Current of Phone	1.352 A
Mean Input Power for the Final RF Amplifying Module	0.168 mW

Table 6-2. 900 MHz

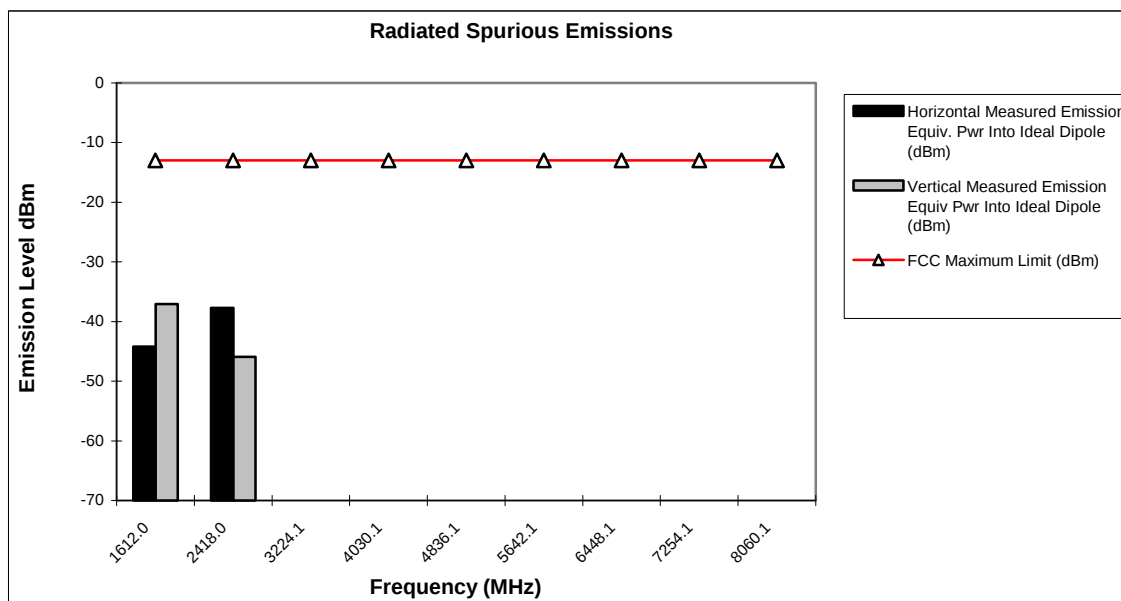
At the minimum power setting:	
Mean output power	0.765 mW
DC Voltage	3.848 V
DC Current of Phone	0.676 A
Mean Input Power for the final RF Amplifying Module	0.192 μ W

At the maximum power setting:	
Mean output power	0.680 W
DC Voltage	3.736V
DC Current of Phone	1.18 A
Mean Input Power for the Final RF Amplifying Module	0.171 mW

6.4-1 Radiated Spurious Emissions – Pursuant 47 CFR 2.1053, 2.1057, 90.210 (g), and 90.691 (a)

**Transmitter Radiated Spurious Emissions: (Maximum Power Setting)
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	-44.2	-37.1
2418.0	-13	-37.7	-45.9
3224.1	-13	*	*
4030.1	-13	*	*
4836.1	-13	*	*
5642.1	-13	*	*
6448.1	-13	*	*
7254.1	-13	*	*
8060.1	-13	*	*

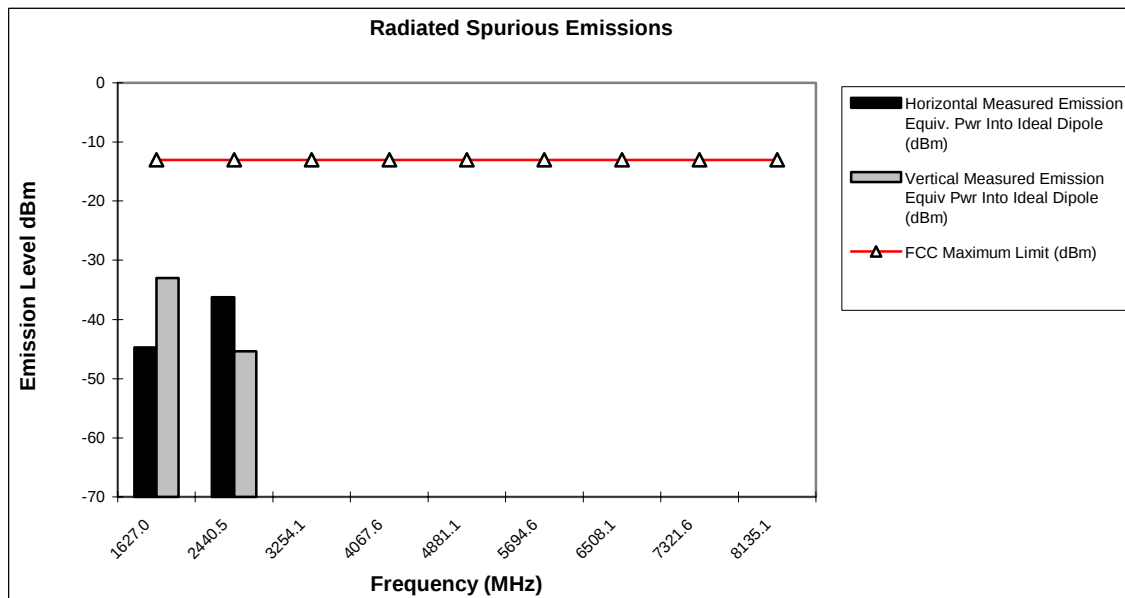


Notes:

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 pow
3. The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.

**Transmitter Radiated Spurious Emissions: (Maximum Power Setting)
813.525 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)
1627.0	-13	-44.7	-33.0
2440.5	-13	-36.2	-45.4
3254.1	-13	*	*
4067.6	-13	*	*
4881.1	-13	*	*
5694.6	-13	*	*
6508.1	-13	*	*
7321.6	-13	*	*
8135.1	-13	*	*

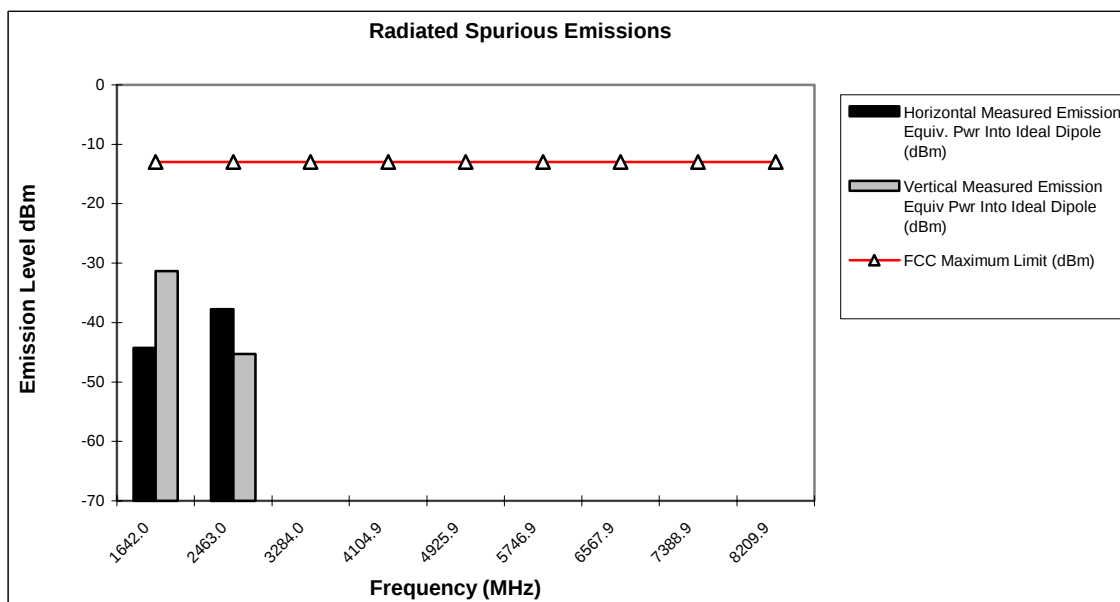


Notes:

- * 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.

**Transmitter Radiated Spurious Emissions: (Maximum Power Setting)
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	-44.3	-31.3
2463.0	-13	-37.8	-45.3
3284.0	-13	*	*
4104.9	-13	*	*
4925.9	-13	*	*
5746.9	-13	*	*
6567.9	-13	*	*
7388.9	-13	*	*
8209.9	-13	*	*

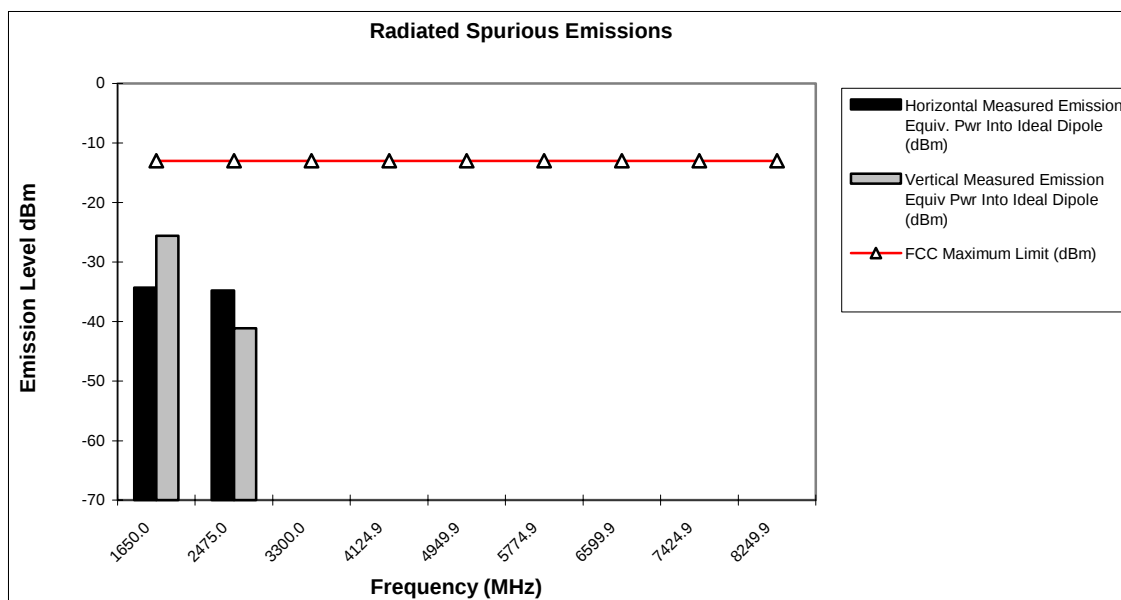


Notes:

- * 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.

**Transmitter Radiated Spurious Emissions: (Maximum Power Setting)
820.9875MHz**

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	-34.3	-25.6
2475.0	-13	-34.8	-41.1
3300.0	-13	*	*
4124.9	-13	*	*
4949.9	-13	*	*
5774.9	-13	*	*
6599.9	-13	*	*
7424.9	-13	*	*
8249.9	-13	*	*

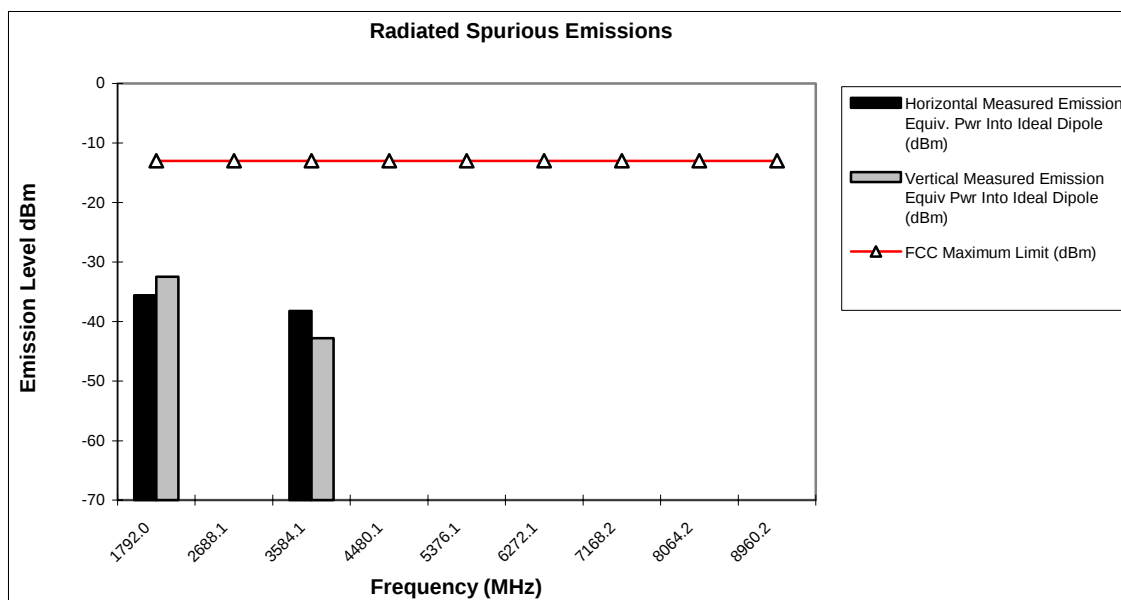


Notes:

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 pow
3. The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.

**Transmitter Radiated Spurious Emissions: (Maximum Power Setting)
896.01875 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)
1792.0	-13	-35.6	-32.5
2688.1	-13	*	*
3584.1	-13	-38.2	-42.8
4480.1	-13	*	*
5376.1	-13	*	*
6272.1	-13	*	*
7168.2	-13	*	*
8064.2	-13	*	*
8960.2	-13	*	*

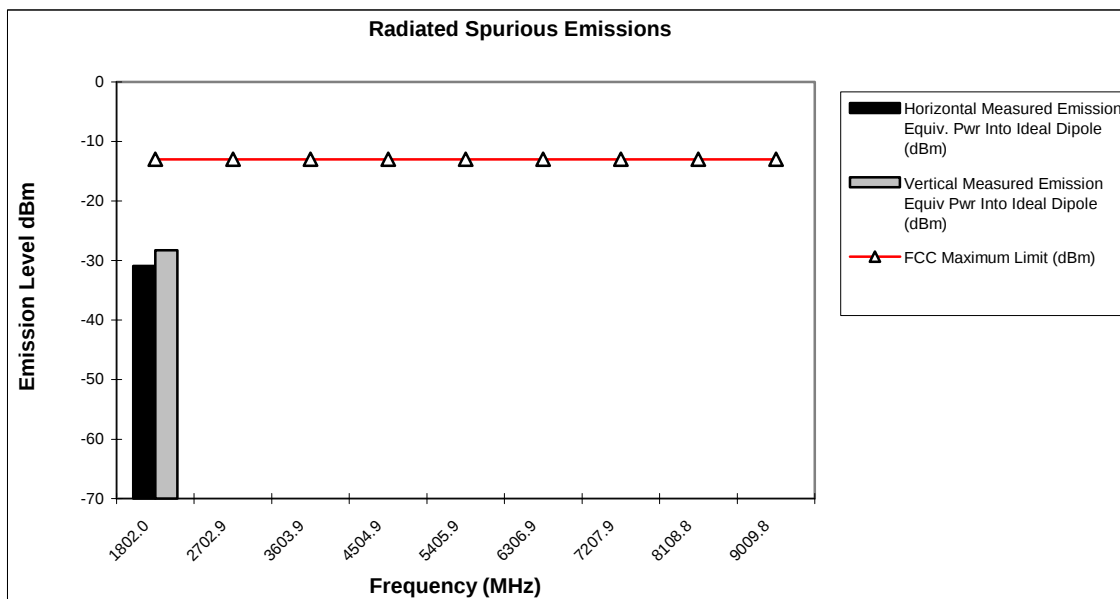


Notes:

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 pow
3. The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.

Transmitter Radiated Spurious Emissions: (Maximum Power Setting)
900.98125MHz

Frequency (MHz)	FCC Maximum Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1802.0	-13	-30.9	-28.3
2702.9	-13	*	*
3603.9	-13	*	*
4504.9	-13	*	*
5405.9	-13	*	*
6306.9	-13	*	*
7207.9	-13	*	*
8108.8	-13	*	*
9009.8	-13	*	*

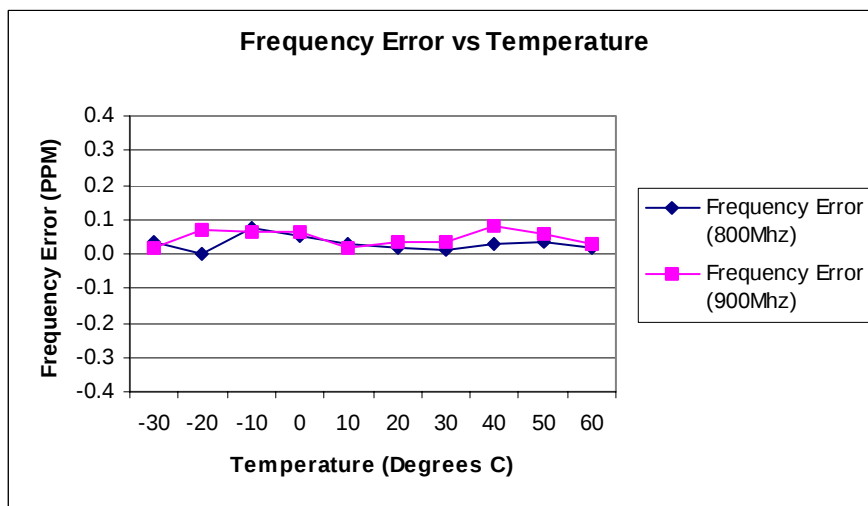


Notes:

- * 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.

6.5-1 Frequency Stability – Pursuant 47 CFR 2.1055(a) 1, and 2, and 2.1055(d) 2

Temperature (°C)	800MHz Operation		900 MHz Operation	
	Frequency Error (Hz)	Frequency Error (PPM)	Frequency Error (Hz)	Frequency Error (PPM)
-30	31	0.036	18	0.019
-20	1	0.001	63	0.067
-10	66	0.077	61	0.065
0	47	0.055	59	0.063
10	23	0.027	14	0.015
20	13	0.015	33	0.035
30	12	0.014	34	0.036
40	25	0.029	74	0.079
50	29	0.034	56	0.060
60	17	0.020	26	0.028



Alternate Figure 6-34-1: Transmitter Frequency Stability Chart - Frequency vs. Temperature

800 MHz Operation			900 MHz	
Power Supply Voltage (V)	Frequency Error (Hz)	Frequency Error (PPM)	Frequency Error (Hz)	Frequency Error (PPM)
4.3	28	0.033	57	0.061
4.2	49	0.057	38	0.040
4.1	15	0.017	12	0.013
4	75	0.087	73	0.078
3.9	52	0.061	15	0.016
3.8	36	0.042	59	0.063
3.7	15	0.017	17	0.018
3.6	54	0.063	63	0.067

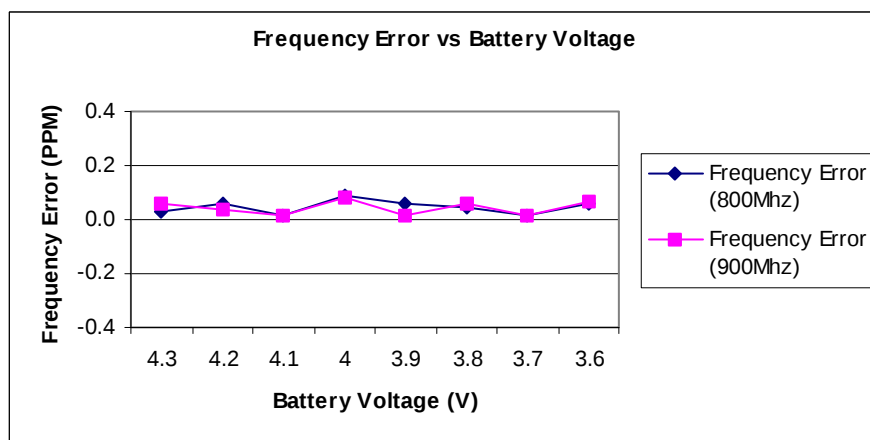


Figure 6-35-1: Transmitter Frequency Stability Chart - Frequency vs. Battery Voltage