

**EXHIBIT 6 (revised)**

**INDEX OF SUBMITTED MEASURED DATA**

This exhibit contains the measured data for this equipment as follows:

**EXHIBIT 6A** – RF Power Output (1 Table)

**EXHIBIT 6F** – Conducted Spurious Emissions (12 Tables)

- 6F-1: 1 Watts Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing
- 6F-2: 1 Watts Harmonic of Carrier 436.0125 MHz, 12.5 kHz Channel Spacing
- 6F-3: 1 Watts Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing
- 6F-4: 4.8 Watts Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing
- 6F-5: 4.8 Watts Harmonic of Carrier 436.0125 MHz, 12.5 kHz Channel Spacing
- 6F-6: 4.8 Watts Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing
- 6F-7: 1 Watts Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing
- 6F-8: 1 Watts Harmonic of Carrier 436.0125 MHz, 25 kHz Channel Spacing
- 6F-9: 1 Watts Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing
- 6F-10: 4.8 Watts Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing
- 6F-11: 4.8 Watts Harmonic of Carrier 436.0125 MHz, 25 kHz Channel Spacing
- 6F-12: 4.8 Watts Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing

**EXHIBIT 6G** – Radiated Spurious Emissions (12 Graphs)

- 6G-1: 1 Watts, 403.0125 MHz, 12.5 kHz Channel Spacing
- 6G-2: 1 Watts, 436.0125 MHz, 12.5 kHz Channel Spacing
- 6G-3: 1 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing
- 6G-4: 1 Watts, 403.0125 MHz, 25 kHz Channel Spacing
- 6G-5: 1 Watts, 436.0125 MHz, 25 kHz Channel Spacing
- 6G-6: 1 Watts, 469.9875 MHz, 25 kHz Channel Spacing
- 6G-7: 4.8 Watts, 403.0125 MHz, 12.5 kHz Channel Spacing
- 6G-8: 4.8 Watts, 436.0125 MHz, 12.5 kHz Channel Spacing
- 6G-9: 4.8 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing
- 6G-10: 4.8 Watts, 403.0125 MHz, 25 kHz Channel Spacing
- 6G-11: 4.8 Watts, 436.0125 MHz, 25 kHz Channel Spacing
- 6G-12: 4.8 Watts, 469.9875 MHz, 25 kHz Channel Spacing

**EXHIBIT 6J** – Power Line Conducted Spurious Emissions (Attachment)

**EXHIBIT 6A (revised)**

**RF Power - Pursuant 47 CFR. 2.1046(a) and 2.1033(c) 6, 7 & 8**

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device.

**At maximum output power setting, Frequency 403.0125 MHz:**

Output RF power	4.80 Watts
DC Voltage	7.47 Volts
DC Current	1.34 Amps
DC Input Power	9.98 Watts

**At 2.4W power setting, Frequency 403.0125 MHz:**

Output RF power	2.40 Watts
DC Voltage	7.48 Volts
DC Current	0.87 Amps
DC Input Power	6.52 Watts

**At minimum output power setting, Frequency 403.0125 MHz:**

Output RF power	1.11 Watts
DC Voltage	7.49 Volts
DC Current	0.56 Amps
DC Input Power	4.18 Watts

**At maximum output power setting, Frequency 436.0125 MHz:**

Output RF power	4.80 Watts
DC Voltage	7.47 Volts
DC Current	1.46 Amps
DC Input Power	10.92 Watts

**At 2.4W output power setting, Frequency 436.0125 MHz:**

Output RF power	2.40 Watts
DC Voltage	7.48 Volts
DC Current	0.91 Amps
DC Input Power	6.84 Watts

**At minimum output power setting, Frequency 436.0125 MHz:**

Output RF power	1.10 Watts
DC Voltage	7.49 Volts
DC Current	0.58 Amps
DC Input Power	4.38 Watts

**At maximum output power setting, Frequency 469.9875 MHz:**

Output RF power	4.80 Watts
DC Voltage	7.47 Volts
DC Current	1.34 Amps
DC Input Power	10.00 Watts

**At 2.4W output power setting, Frequency 469.9875 MHz:**

Output RF power	2.40 Watts
DC Voltage	7.48 Volts
DC Current	0.82 Amps
DC Input Power	6.11 Watts

**At minimum output power setting, Frequency 469.9875 MHz:**

Output RF power	1.10 Watts
DC Voltage	7.49 Volts
DC Current	0.52 Amps
DC Input Power	3.87 Watts

EXHIBIT 6F (revised)

Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

Note: Display lines on graphs correspond to the FCC limit of -13dBm (25 kHz) & -20 dBm (12.5 kHz).

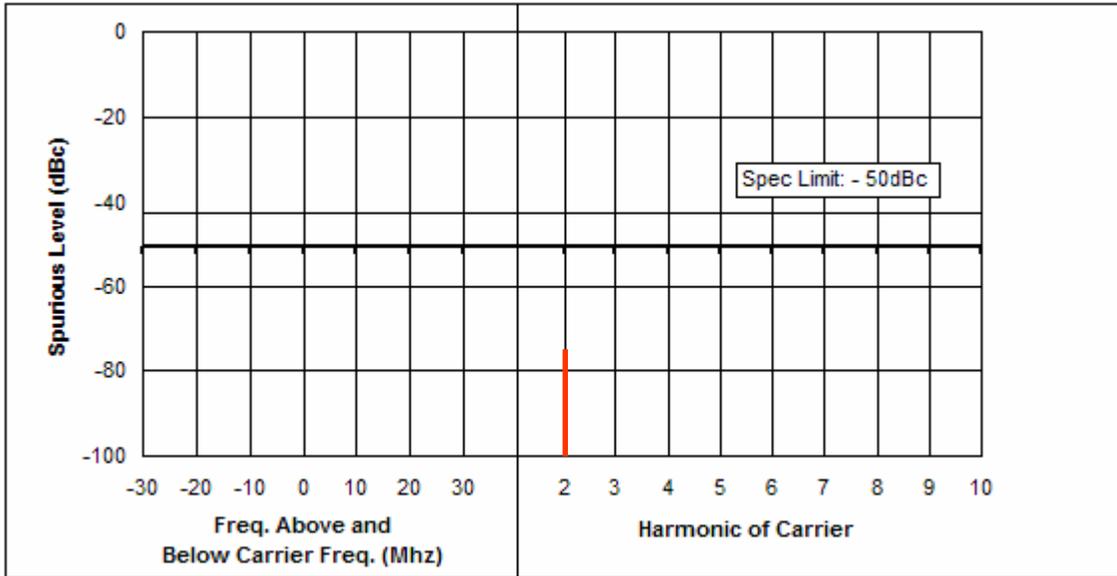


Table 6F-1: 1 Watt Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing

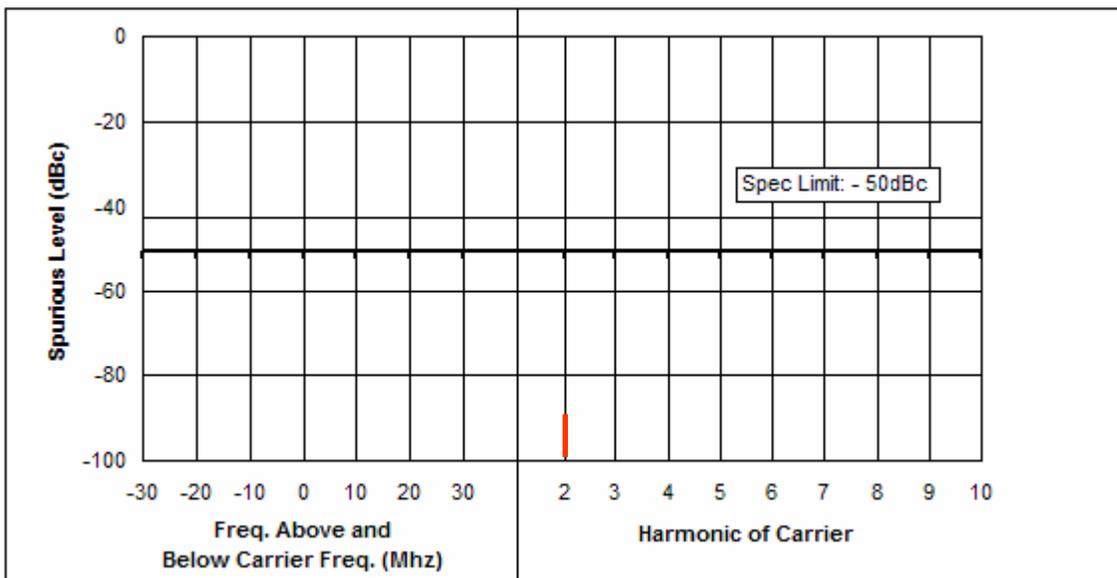
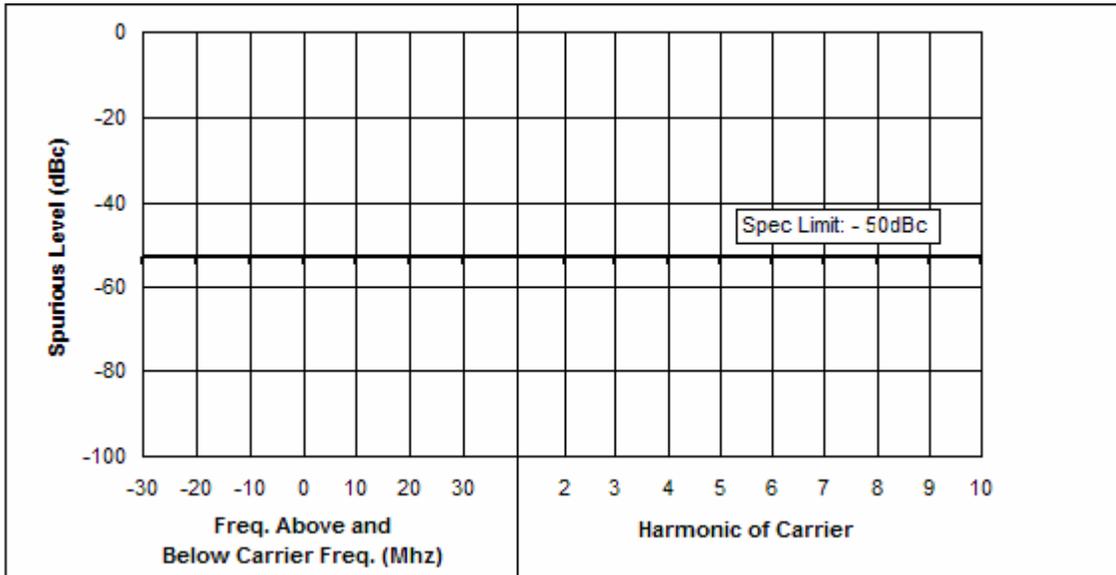
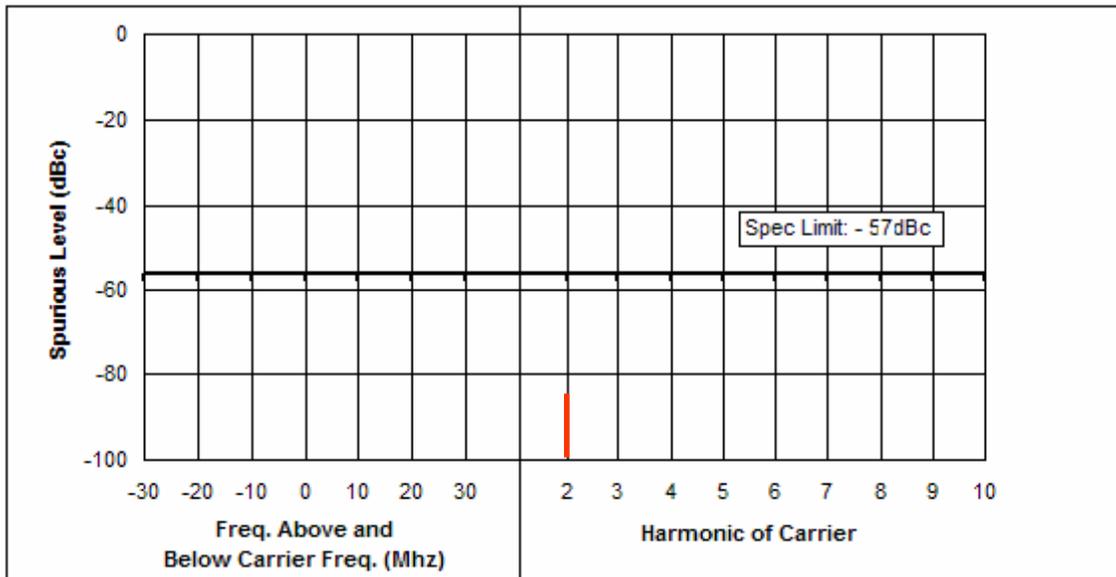


Table 6F-2: 1 Watt Harmonic of Carrier 436.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is below -100dBc level.



**Table 6F-3:** 1 Watt Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing



**Table 6F-4:** 4.8 Watts Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is below -100dBc level.

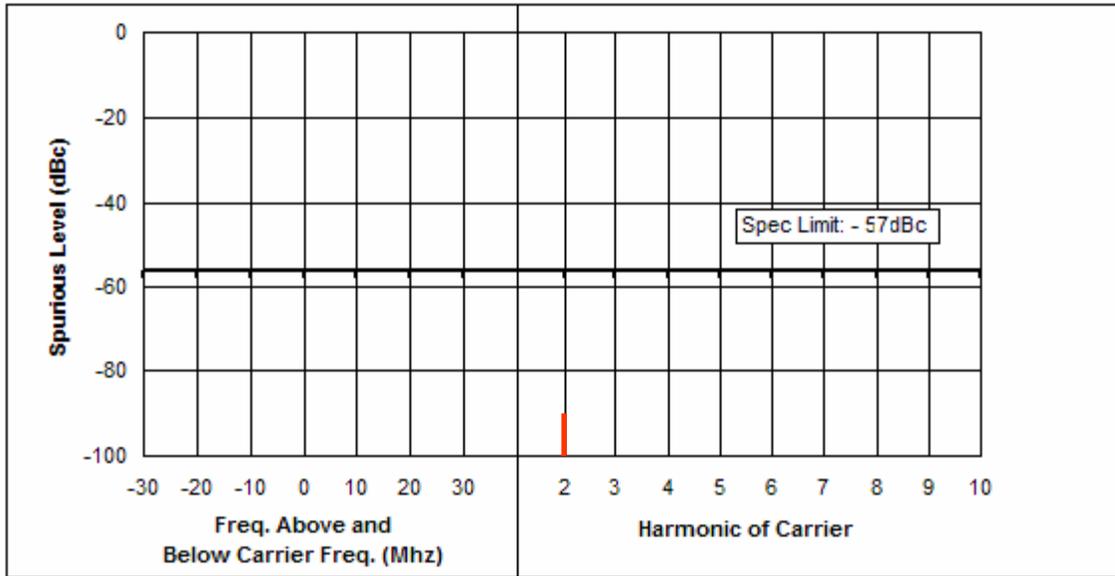


Table 6F-5: 4.8 Watts Harmonic of Carrier 436.0125 MHz, 12.5 kHz Channel Spacing

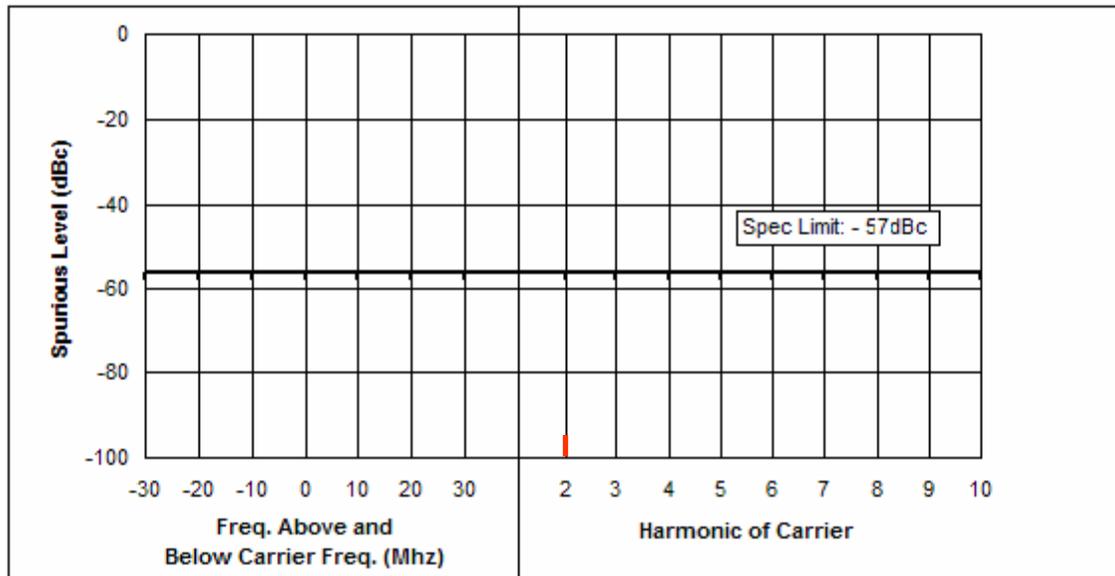
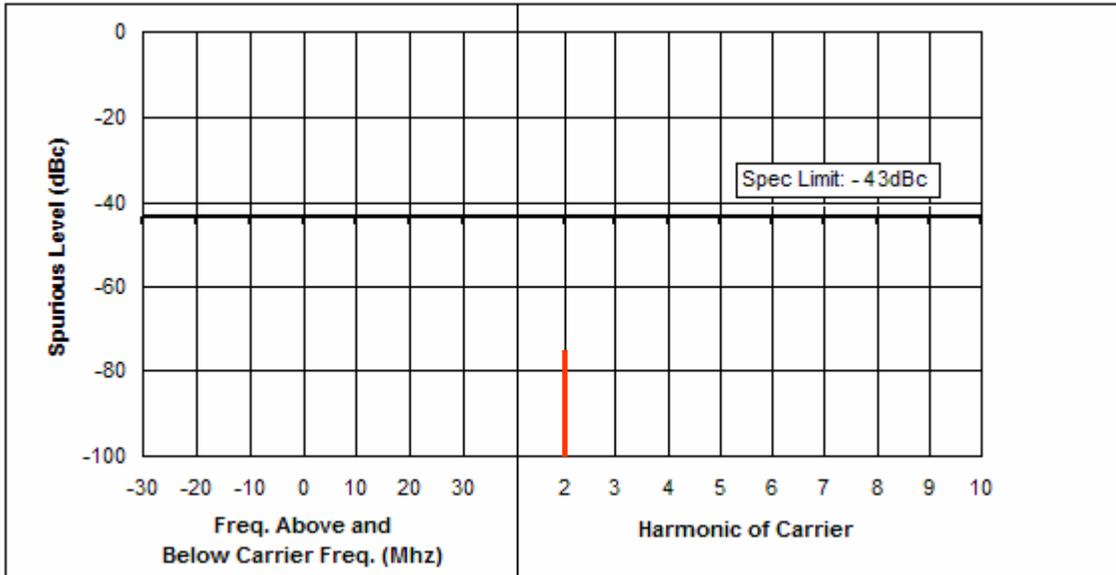
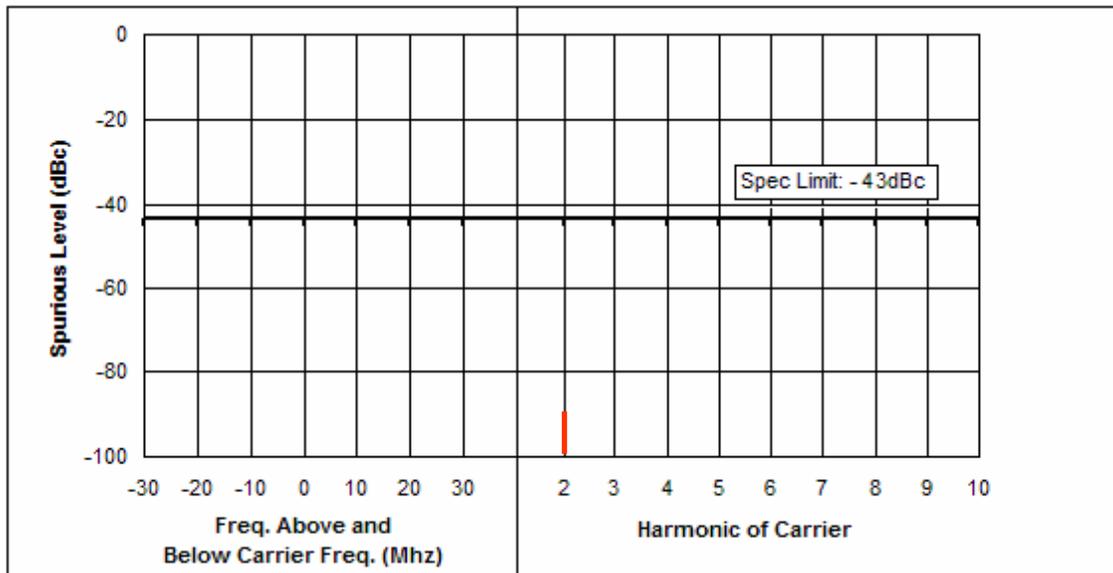


Table 6F-6: 4.8 Watts Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is below -100dBc level.

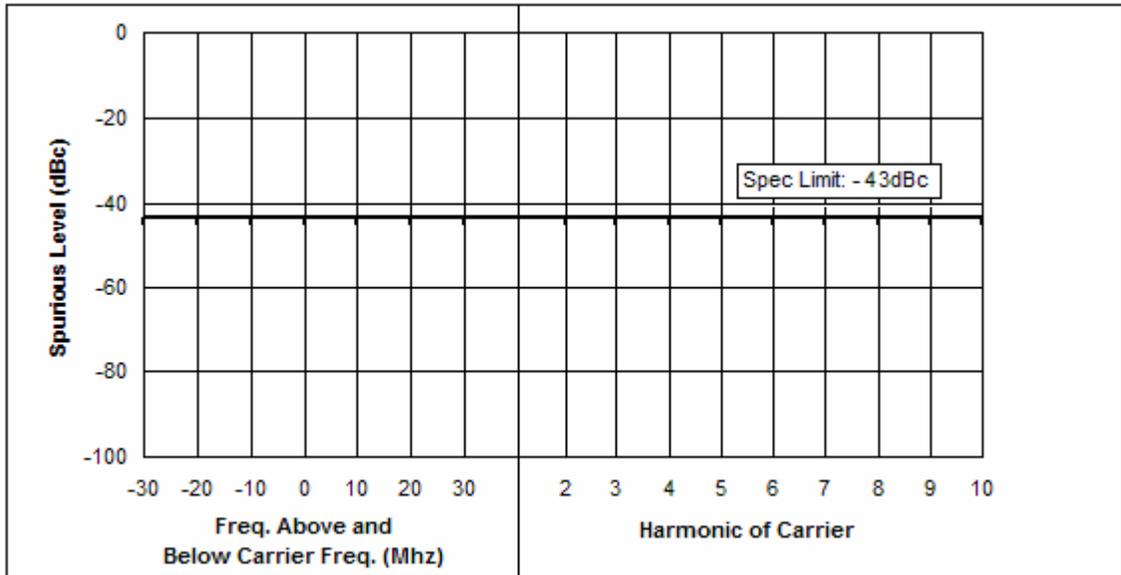


**Table 6F-7:** 1 Watt Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing

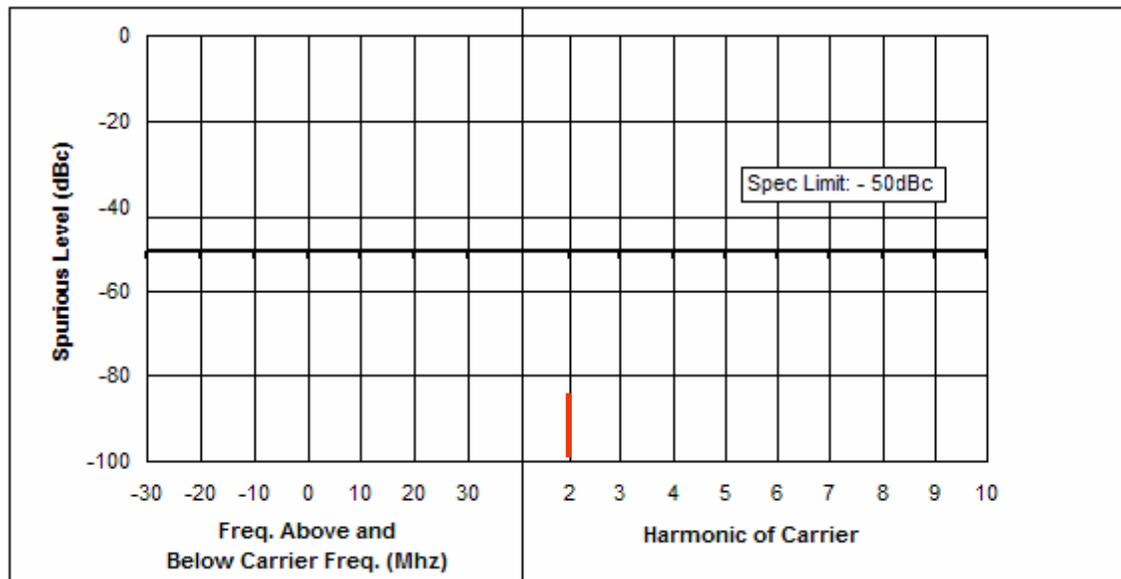


**Table 6F-8:** 1 Watt Harmonic of Carrier 436.0125 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is below -100dBc level.

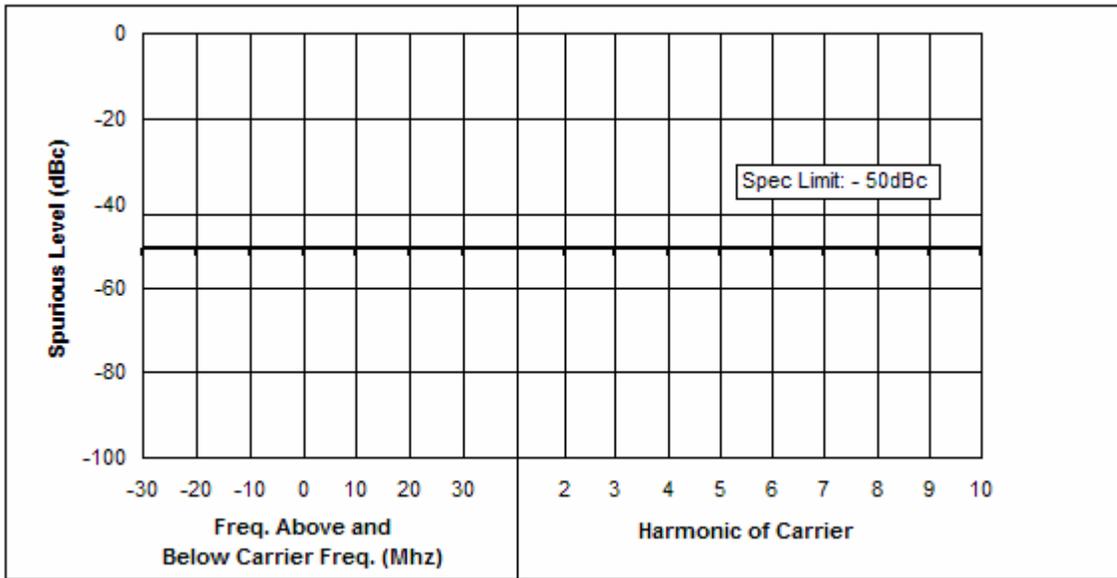


**Table 6F-9:** 1 Watt Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing

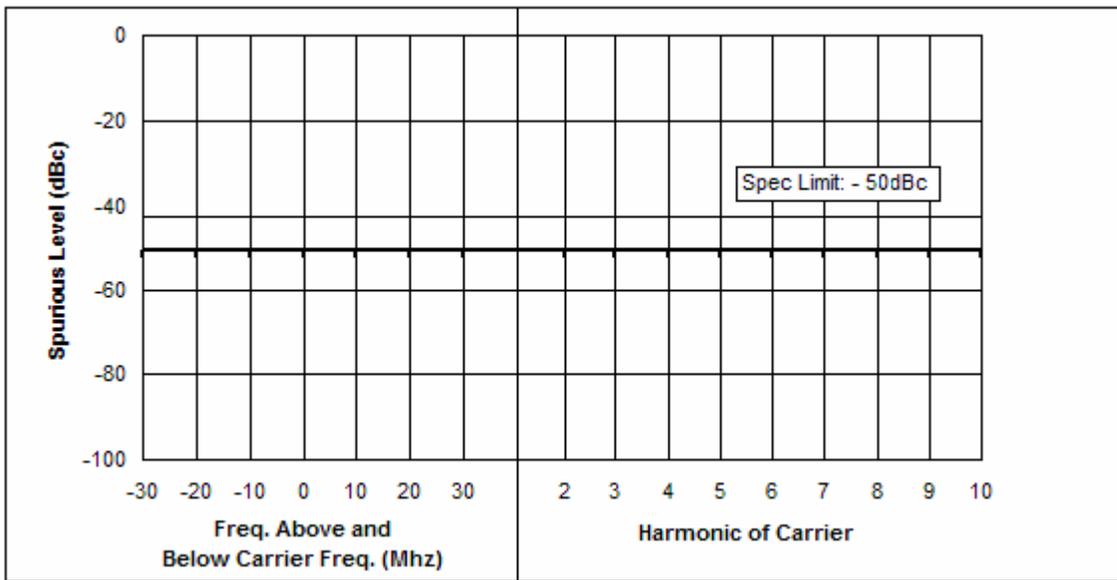


**Table 6F-10:** 4.8 Watts Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is below -100dBc level.



**Table 6F-11:** 4.8 Watts Harmonic of Carrier 436.0125 MHz, 25 kHz Channel Spacing

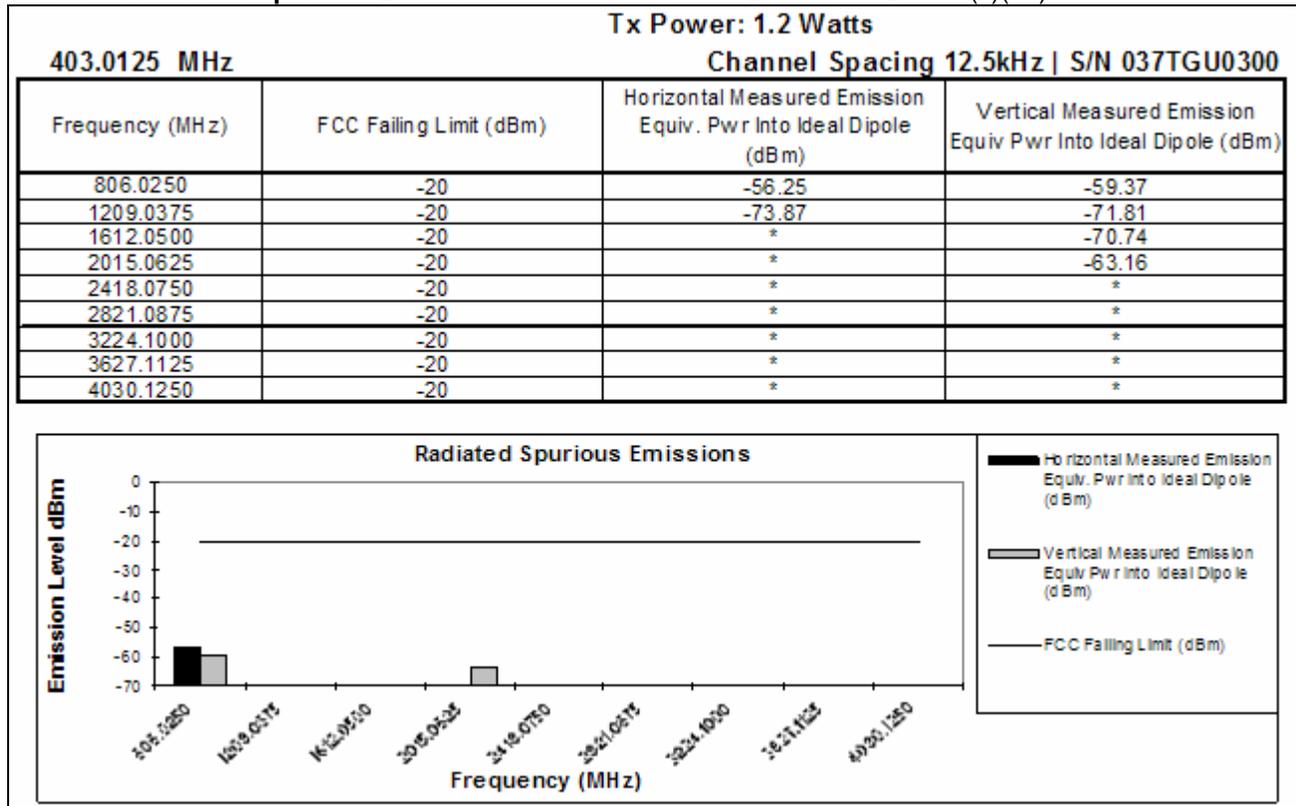


**Table 6F-12:** 4.8 Watts Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing

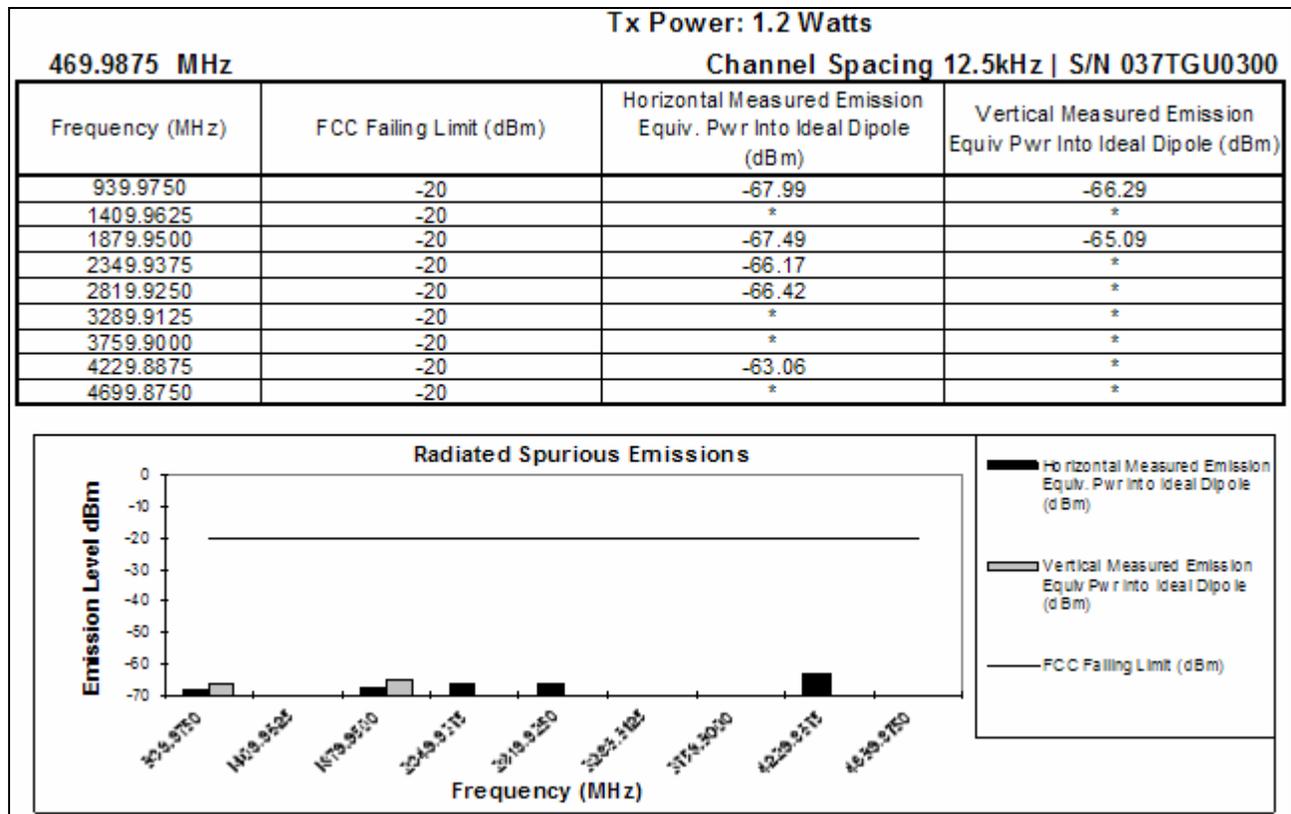
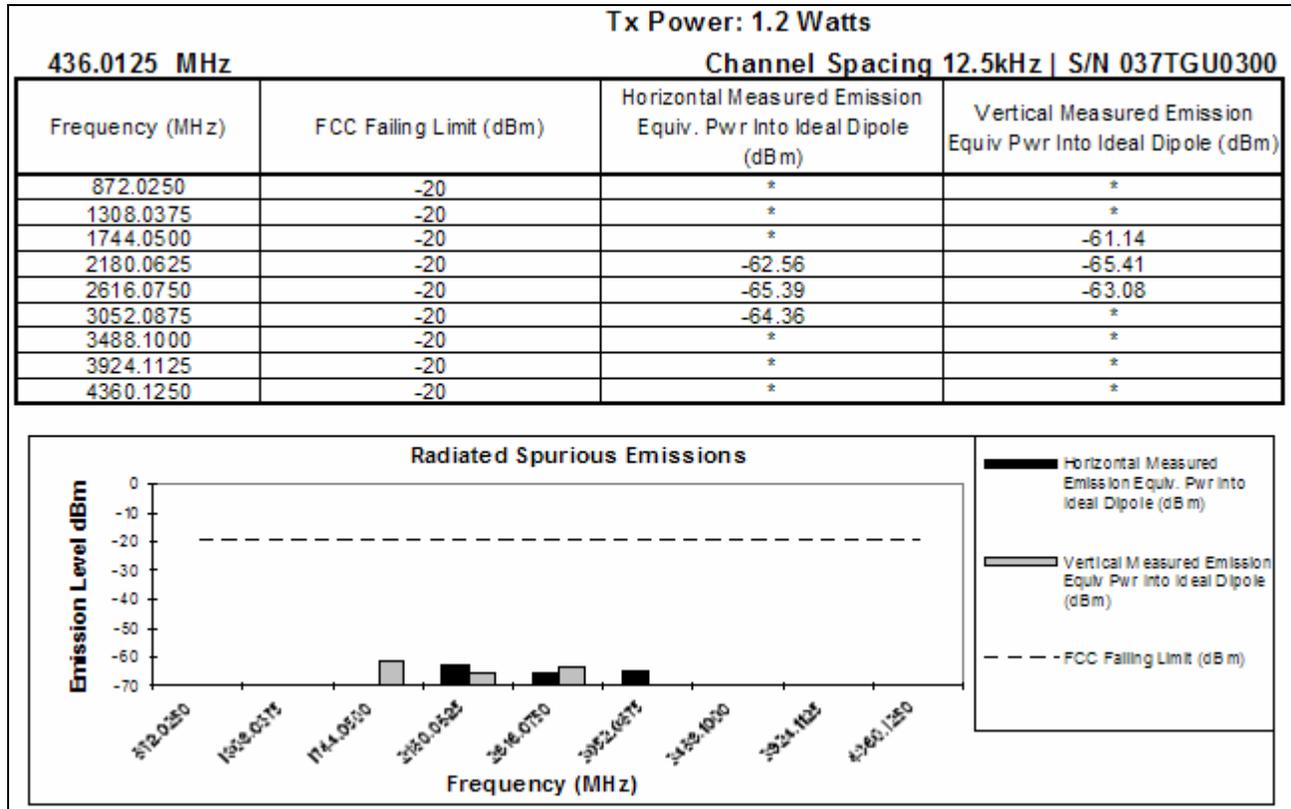
Note: Spurs which are not shown is below -100dBc level.

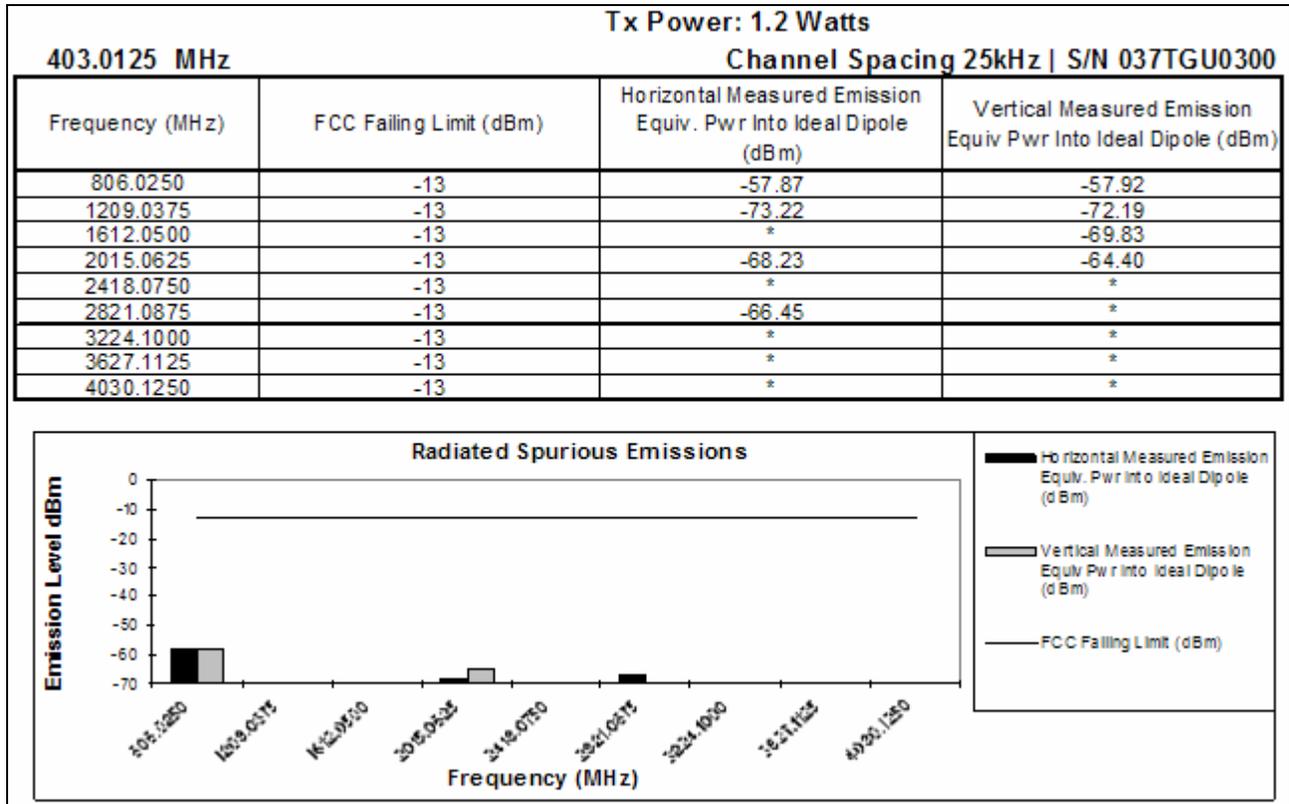
**EXHIBIT 6G (revised)**

**Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)**

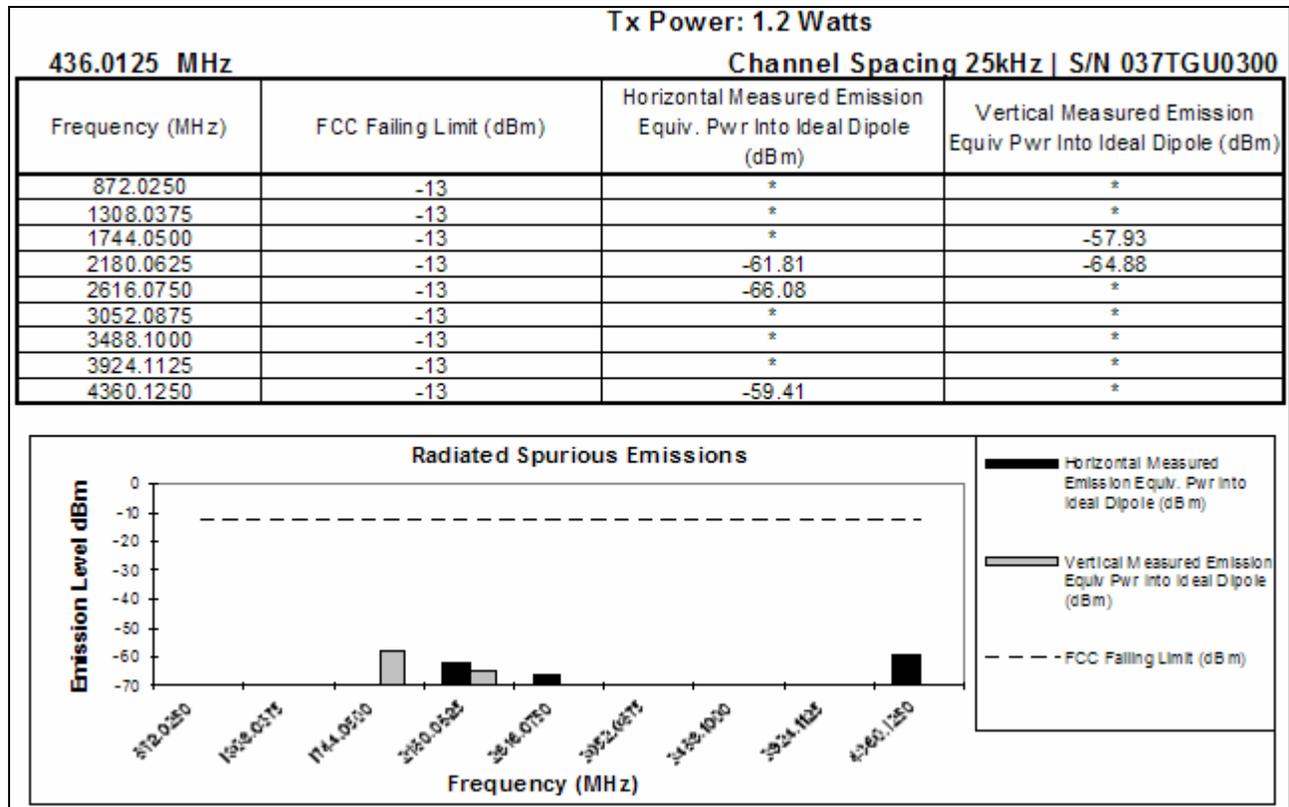


**Graph 6G-1: 1 Watt, 403.0125 MHz, 12.5 kHz Channel Spacing**

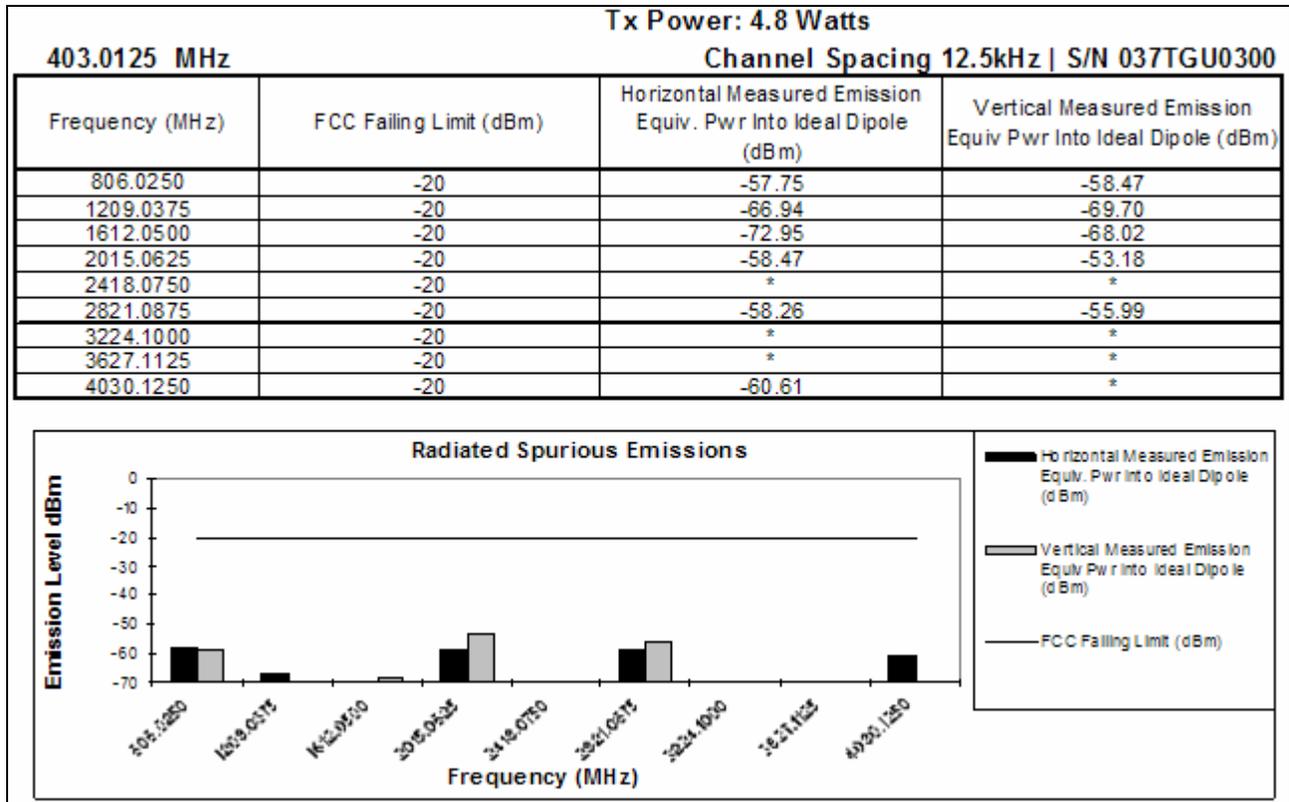
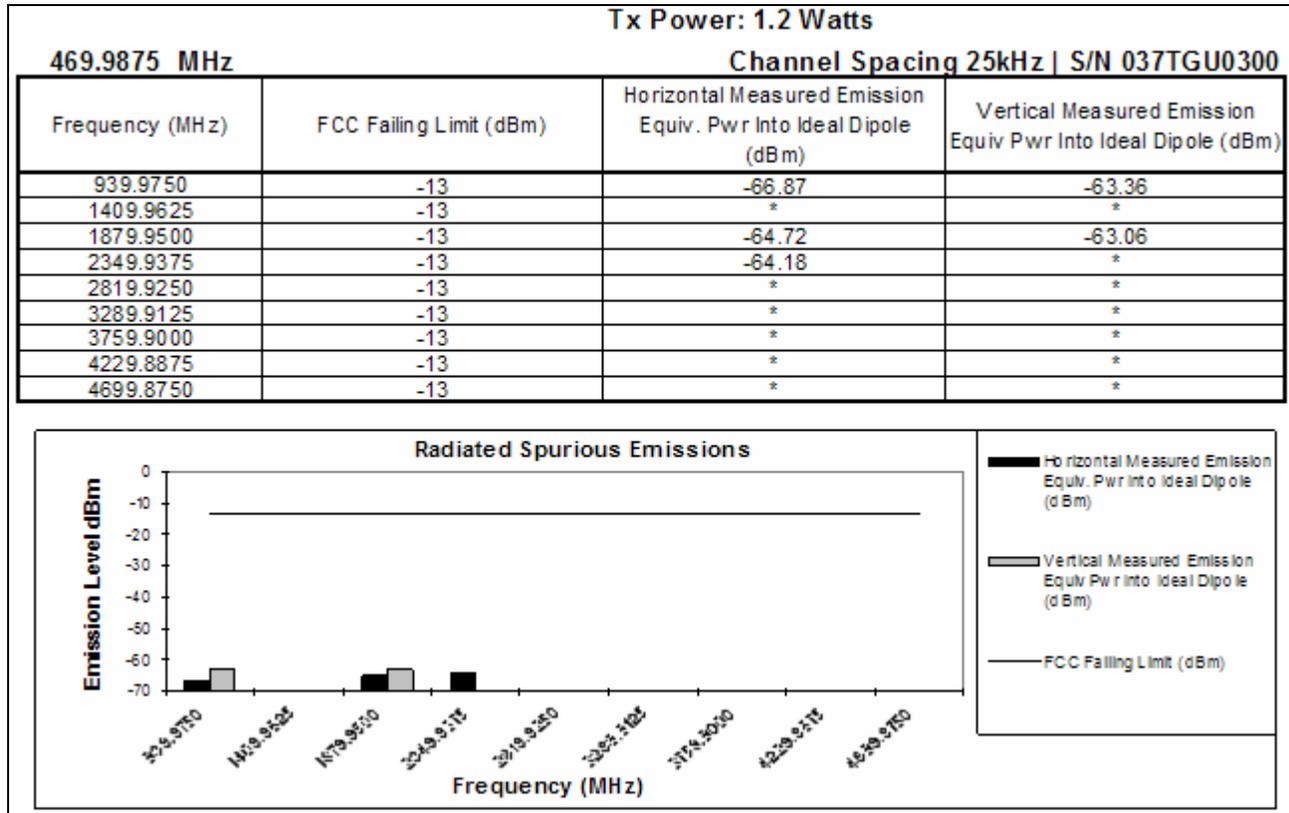


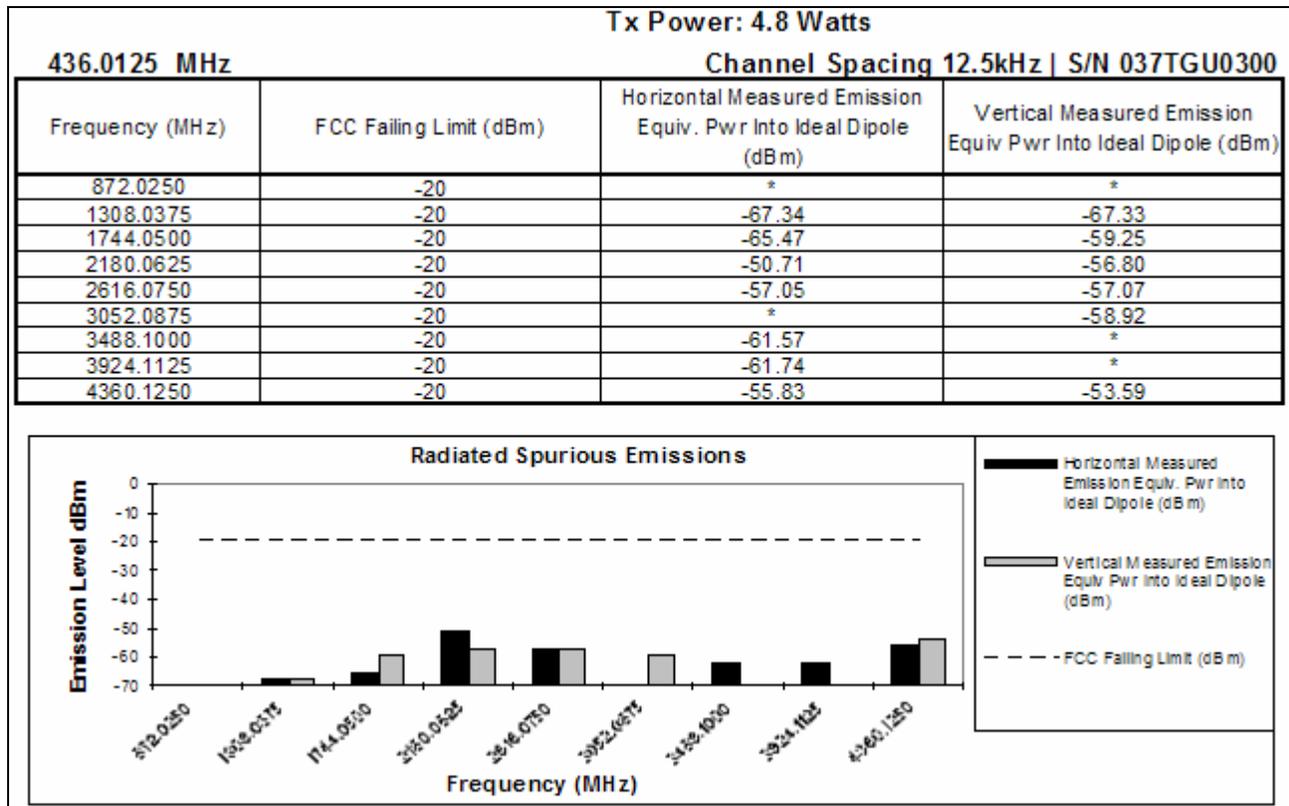


Graph 6G-4: 1 Watt, 403.0125 MHz, 25 kHz Channel Spacing

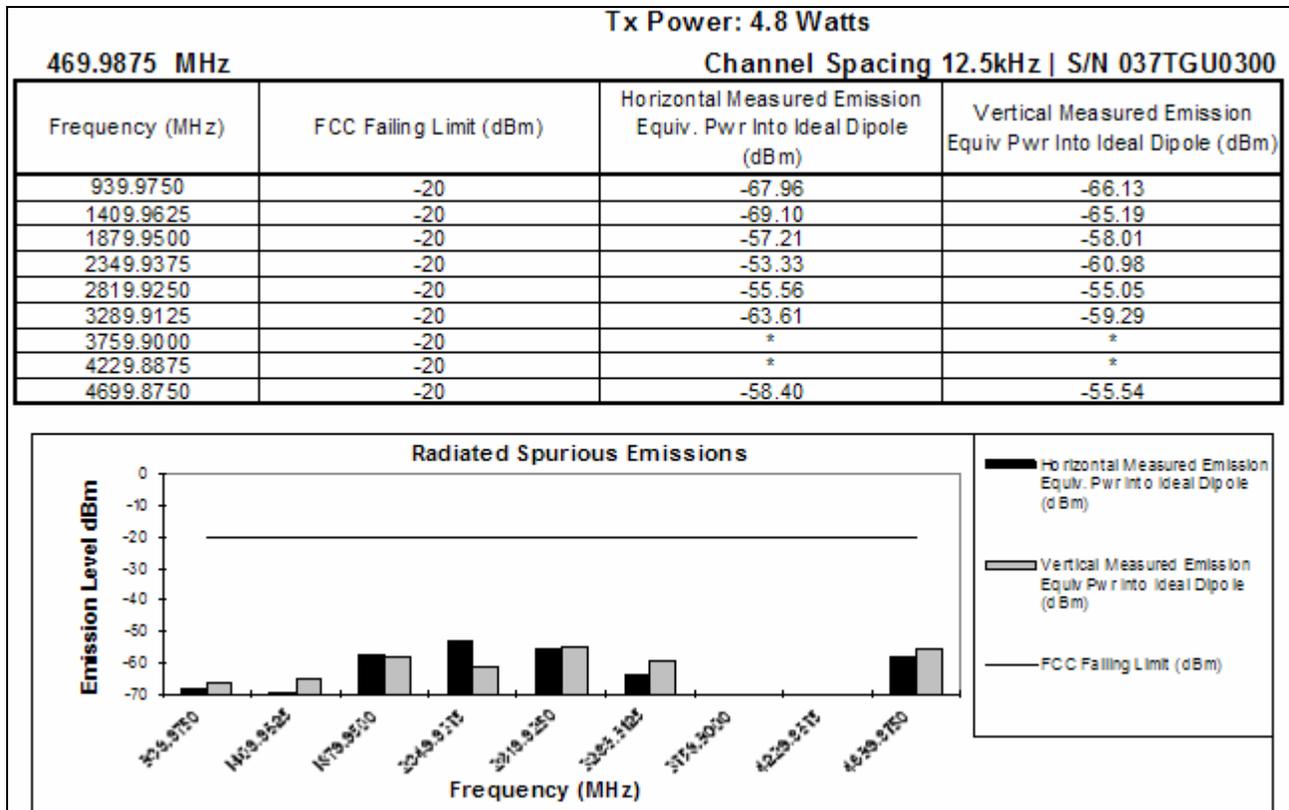


Graph 6G-5: 1 Watts, 436.0125 MHz, 25 kHz Channel Spacing

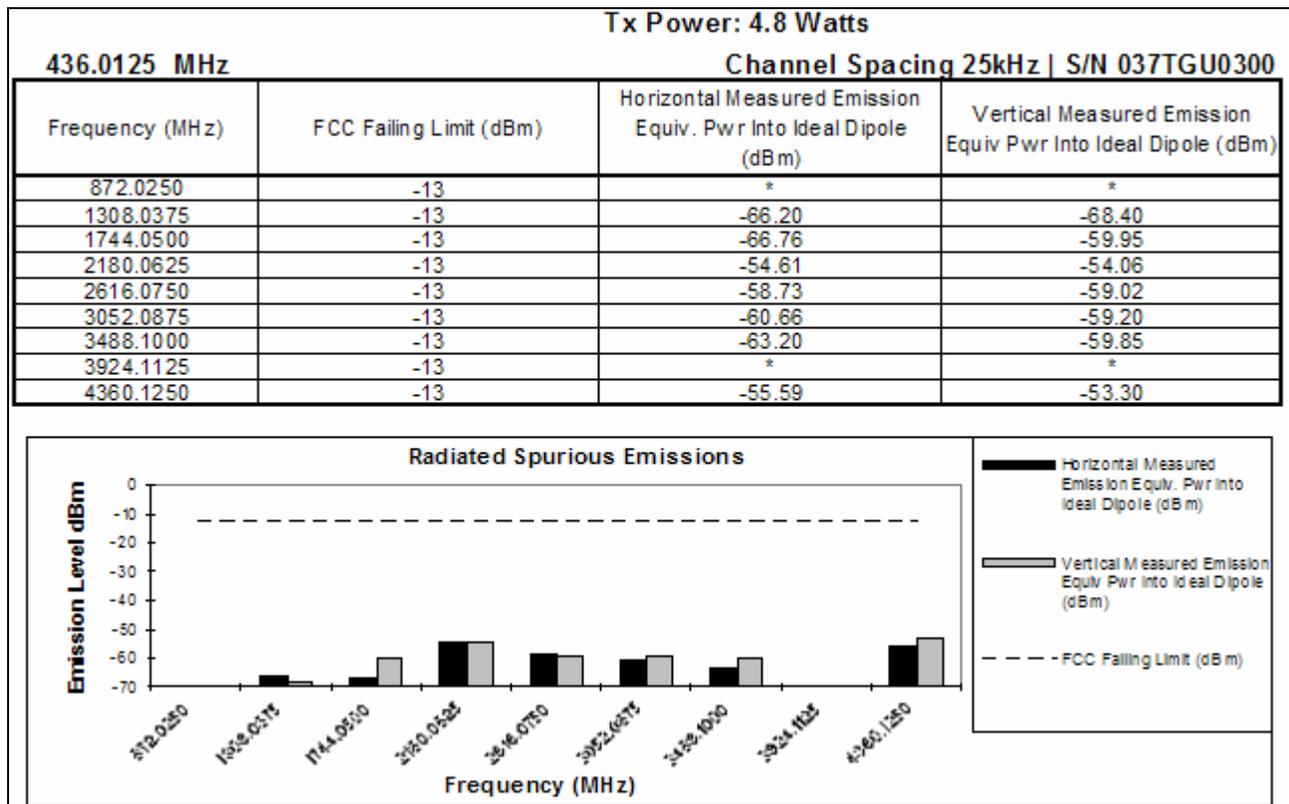
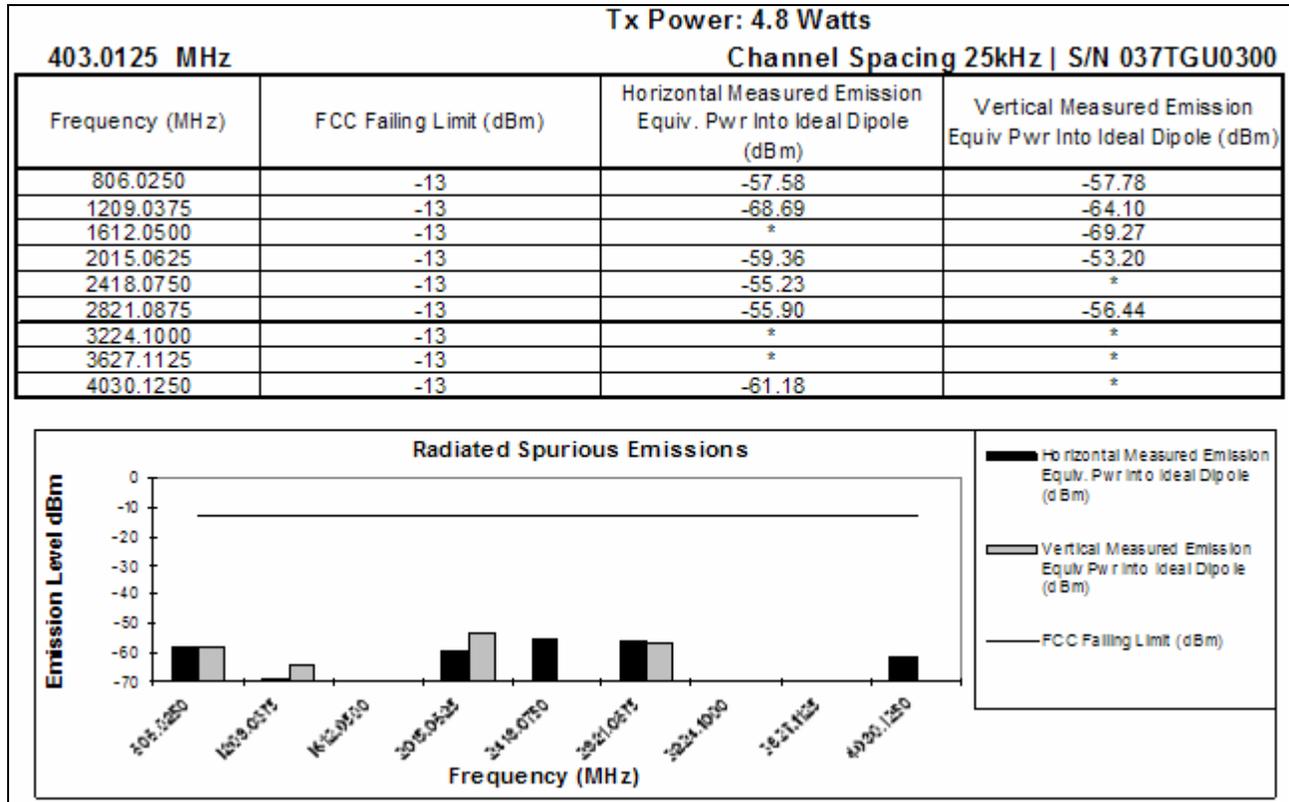




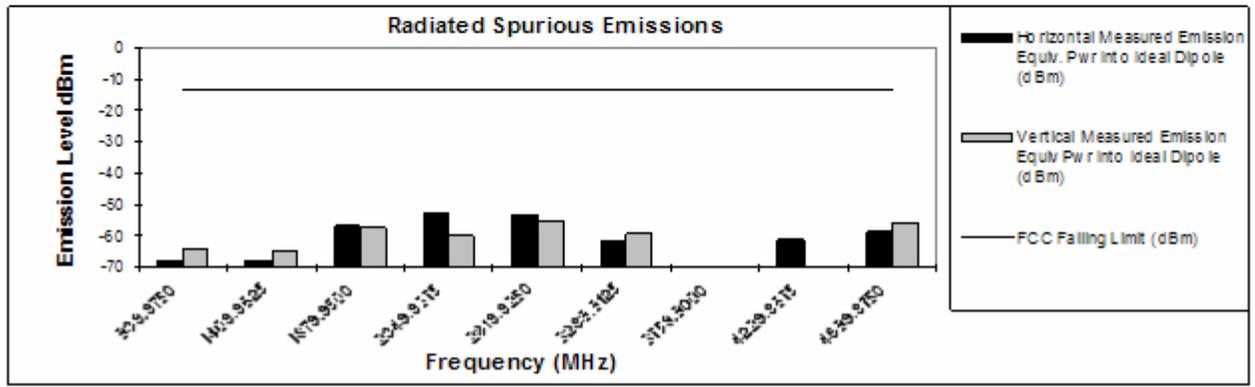
**Graph 6G-8: 4.8 Watts, 436.0125 MHz, 12.5 kHz Channel Spacing**



**Graph 6G-9: 4.8 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing**



Tx Power: 4.8 Watts			
469.9875 MHz		Channel Spacing 25kHz   S/N 037TGU0300	
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-13	-67.94	-64.36
1409.9625	-13	-67.89	-65.15
1879.9500	-13	-56.63	-57.75
2349.9375	-13	-52.50	-59.92
2819.9250	-13	-53.01	-54.88
3289.9125	-13	-61.86	-59.42
3759.9000	-13	*	*
4229.8875	-13	-61.24	*
4699.8750	-13	-58.63	-55.56



**Graph 6G-12: 4.8 Watts, 469.9875 MHz, 25 kHz Channel Spacing**

\* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.