

**EXHIBIT 6**

**INDEX OF SUBMITTED MEASURED DATA**

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

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

**EXHIBIT 6F (Revised) – Conducted Spurious Emissions (12 Graphs):**

- 6F-1: Hi-Power Harmonic of Carrier 450.035 MHz, 12.5 kHz Channel Spacing
- 6F-2: Hi-Power Harmonic of Carrier 481.035 MHz, 12.5 kHz Channel Spacing
- 6F-3: Hi-Power Harmonic of Carrier 511.975 MHz, 12.5 kHz Channel Spacing
- 6F-4: Hi-Power Harmonic of Carrier 450.035 MHz, 25 kHz Channel Spacing
- 6F-5: Hi-Power Harmonic of Carrier 481.035 MHz, 25 kHz Channel Spacing
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- 6F-12: Lo-Power Harmonic of Carrier 511.975 MHz, 25 kHz Channel Spacing

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

- 6G-1: Hi-Power, 450.035 MHz, 12.5 kHz Channel Spacing  
& Hi-Power, 481.035 MHz, 12.5 kHz Channel Spacing
- 6G-2: Hi-Power, 511.975 MHz, 12.5 kHz Channel Spacing
- 6G-3: Hi-Power, 450.035 MHz, 25 kHz Channel Spacing  
& Hi-Power, 481.035 MHz, 25 kHz Channel Spacing
- 6G-4: Hi-Power, 511.975 MHz, 25 kHz Channel Spacing
- 6G-5: Lo-Power, 450.035 MHz, 12.5 kHz Channel Spacing  
& Lo-Power, 481.035 MHz, 12.5 kHz Channel Spacing
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& Lo-Power, 481.035 MHz, 25 kHz Channel Spacing
- 6G-8: Lo-Power, 511.975 MHz, 25 kHz Channel Spacing

**EXHIBIT 6A (Revised)**

**RF Conducted Power Output Data - Pursuant 47 CFR 2.1046(a), 2.1033(c) (6), (7) and (8)**

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q5431).

**At maximum output power setting, Frequency 450.035 MHz:**

Output RF power:	30.00 Watts
DC Voltage:	13.20 Volts
DC Current:	5.20 Amps
DC Input Power:	68.64 Watts

**At minimum output power setting, Frequency 481.035 MHz:**

Output RF power:	30.00 Watts
DC Voltage:	13.20 Volts
DC Current:	5.66 Amps
DC Input Power:	74.72 Watts

**At maximum output power setting, Frequency 511.975 MHz:**

Output RF power:	30.00 Watts
DC Voltage:	13.20 Volts
DC Current:	5.49 Amps
DC Input Power:	72.47 Watts

**At minimum output power setting, Frequency 450.035 MHz:**

Output RF power:	1.00 Watts
DC Voltage:	13.20 Volts
DC Current:	1.31 Amps
DC Input Power:	17.29 Watts

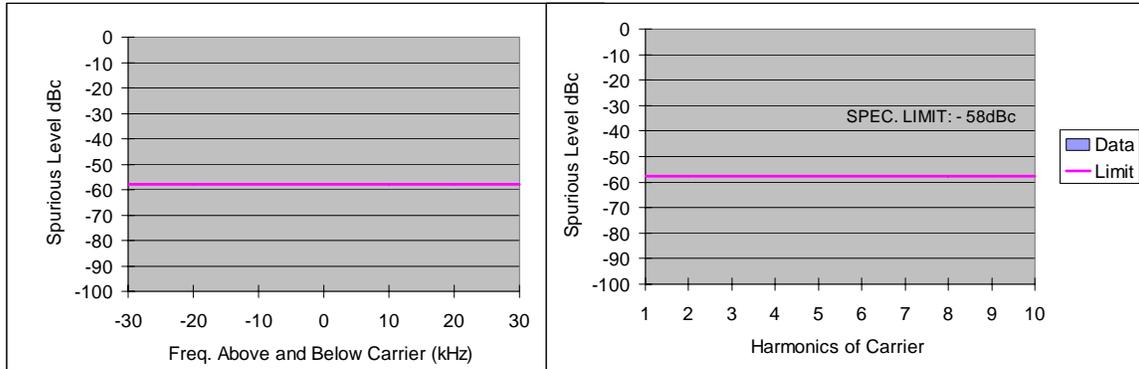
**At maximum output power setting, Frequency 481.035 MHz:**

Output RF power:	1.00 Watts
DC Voltage:	13.20 Volts
DC Current:	1.40 Amps
DC Input Power:	18.48 Watts

**At minimum output power setting, Frequency 511.975 MHz:**

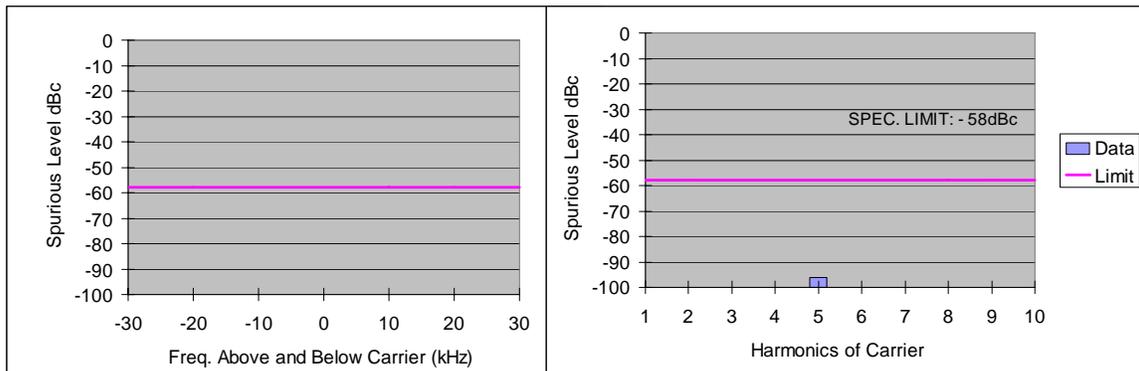
Output RF power:	1.00 Watts
DC Voltage:	13.20 Volts
DC Current:	1.40 Amps
DC Input Power:	18.48 Watts

**EXHIBIT 6F (Revised)**  
**Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)**



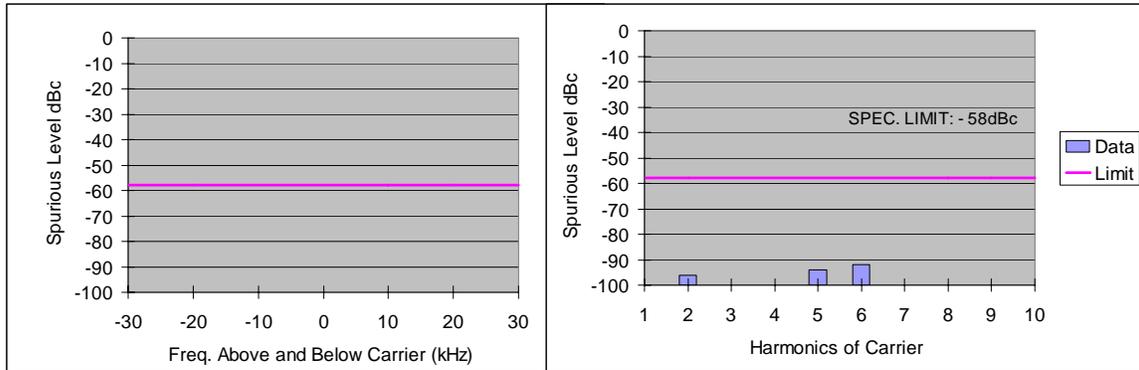
Note: Other emissions not reported were more than 42dB below the limit

**Figure 6F-1:** Hi-Power, 450.035 MHz, 12.5 kHz Channel Spacing



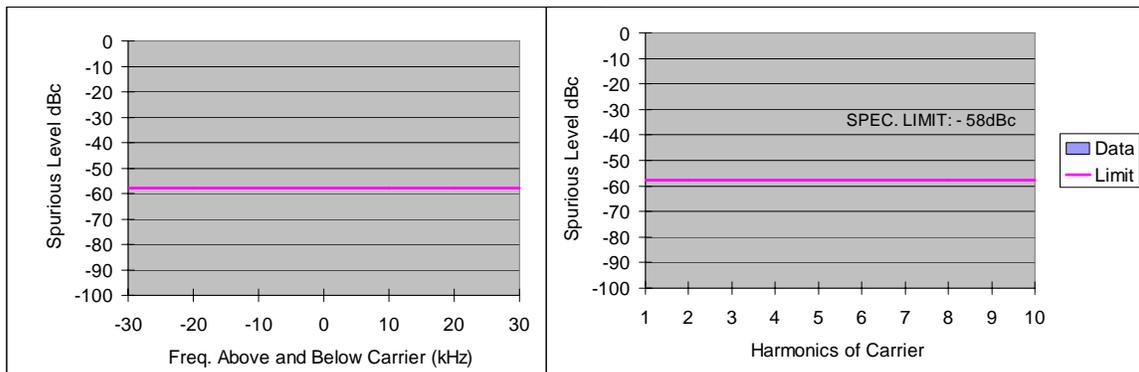
Note: Other emissions not reported were more than 42dB below the limit

**Figure 6F-2:** Hi-Power, 481.035 MHz, 12.5 kHz Channel Spacing



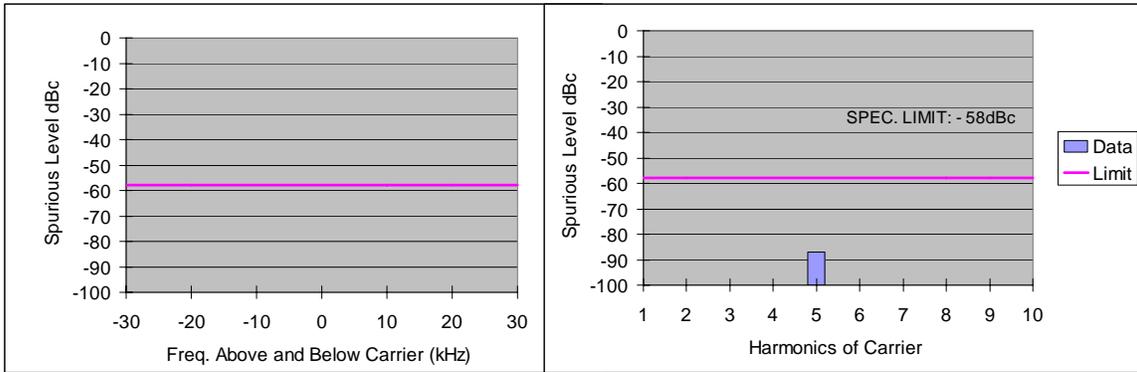
Note: Other emissions not reported were more than 42dB below the limit

**Figure 6F-3:** Hi-Power, 511.975 MHz, 12.5 kHz Channel Spacing



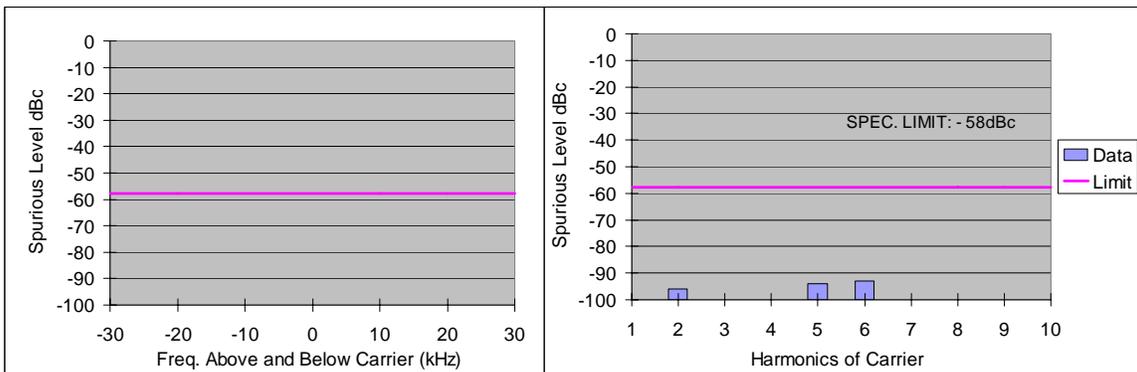
Note: Other emissions not reported were more than 42dB below the limit

**Figure 6F-4:** Hi-Power, 450.035 MHz, 25 kHz Channel Spacing



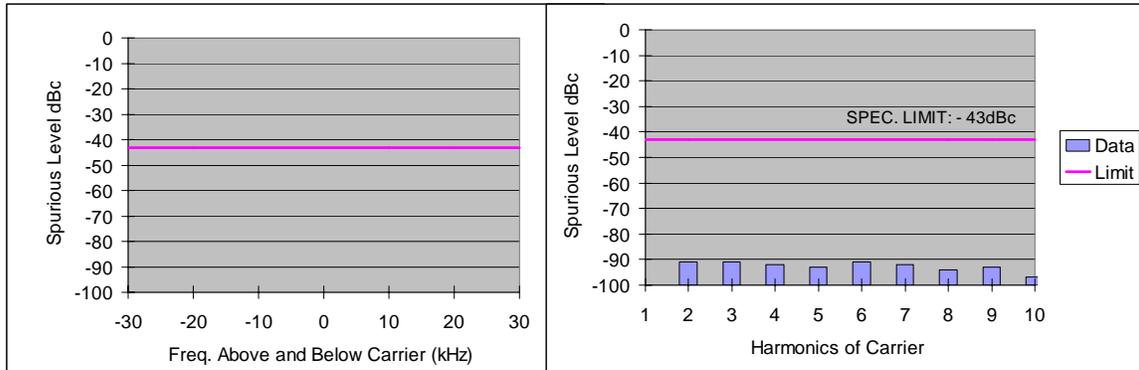
Note: Other emissions not reported were more than 42dB below the limit

**Figure 6F-5:** Hi-Power, 481.035 MHz, 25 kHz Channel Spacing



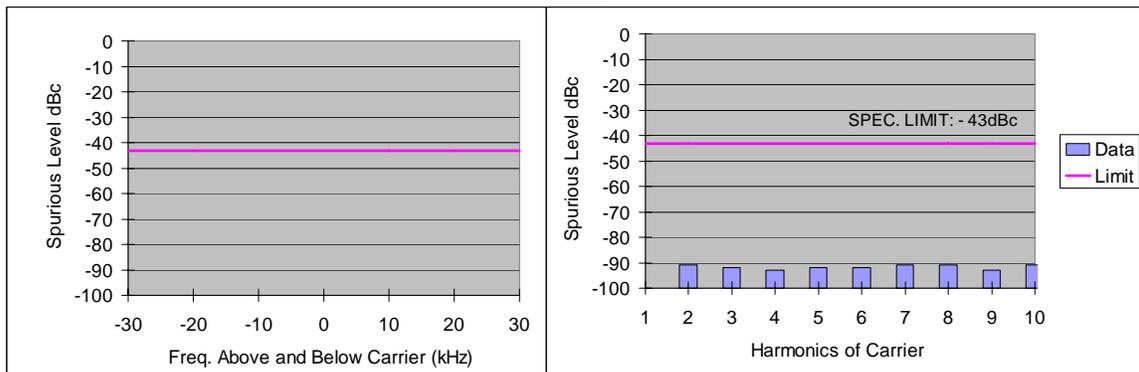
Note: Other emissions not reported were more than 42dB below the limit

**Figure 6F-6:** Hi-Power, 511.975 MHz, 25 kHz Channel Spacing



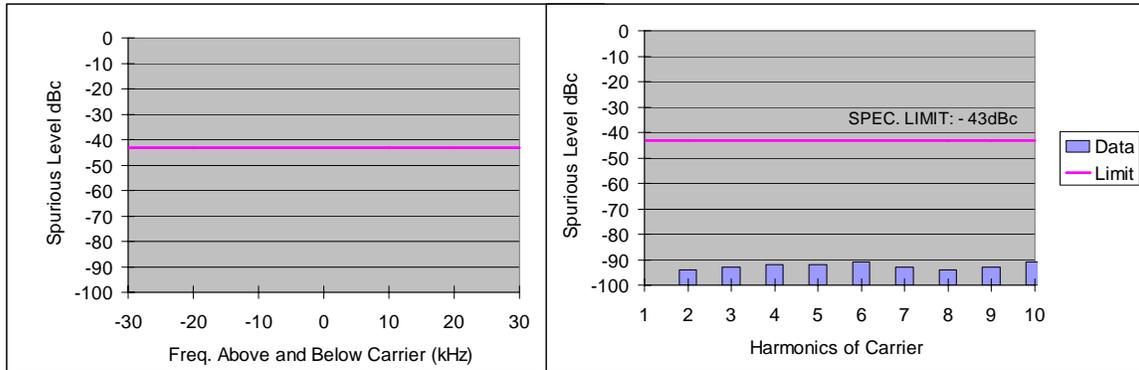
Note: Other emissions not reported were more than 57dB below the limit

**Figure 6F-7:** Lo-Power, 450.035 MHz, 12.5 kHz Channel Spacing



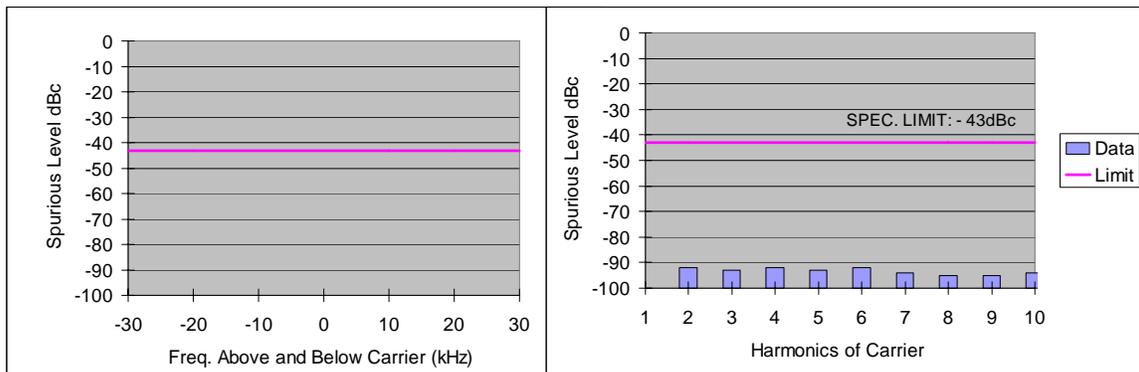
Note: Other emissions not reported were more than 57dB below the limit

**Figure 6F-8:** Lo-Power, 481.035 MHz, 12.5 kHz Channel Spacing



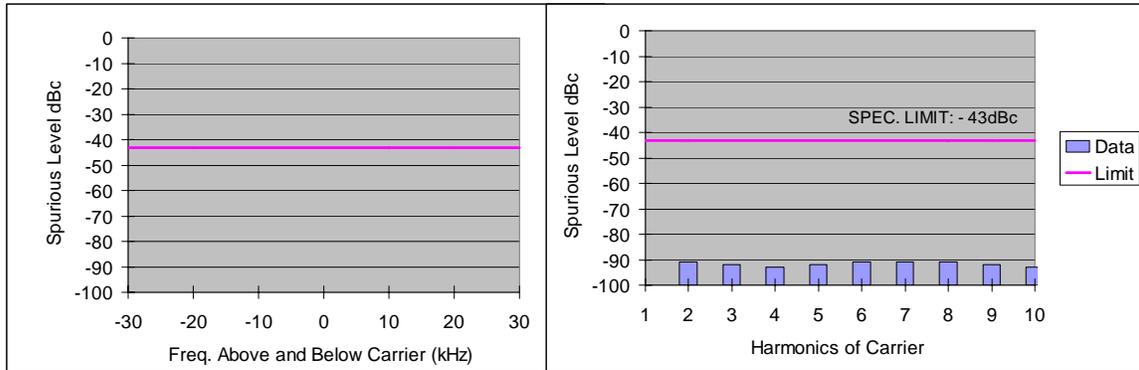
Note: Other emissions not reported were more than 57dB below the limit

**Figure 6F-9:** Lo-Power, 511.975 MHz, 12.5 kHz Channel Spacing



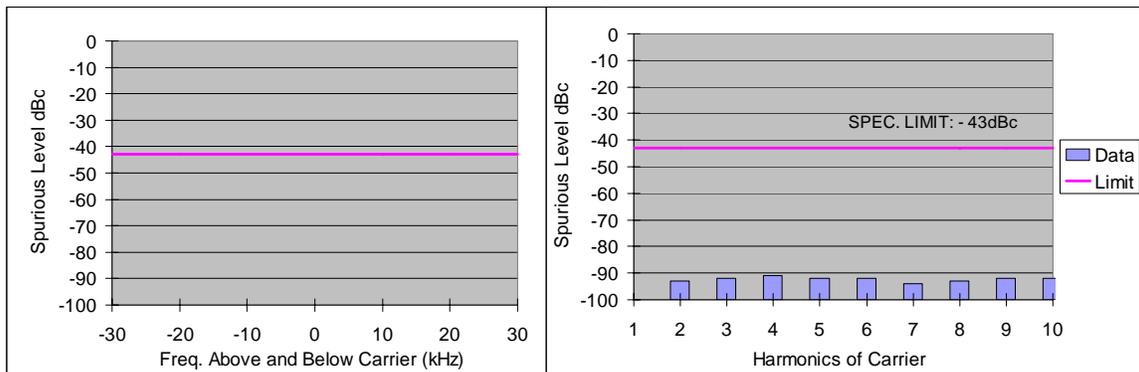
Note: Other emissions not reported were more than 57dB below the limit

**Figure 6F-10:** Lo-Power, 450.035 MHz, 25 kHz Channel Spacing



Note: Other emissions not reported were more than 57dB below the limit

**Figure 6F-11:** Lo-Power, 481.035 MHz, 25 kHz Channel Spacing



Note: Other emissions not reported were more than 57dB below the limit

**Figure 6F-12:** Lo-Power, 511.975 MHz, 25 kHz Channel Spacing

**EXHIBIT 6G (Revised)**  
**Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)**

Motorola Inc.

FCC ID:AZ492FT4829

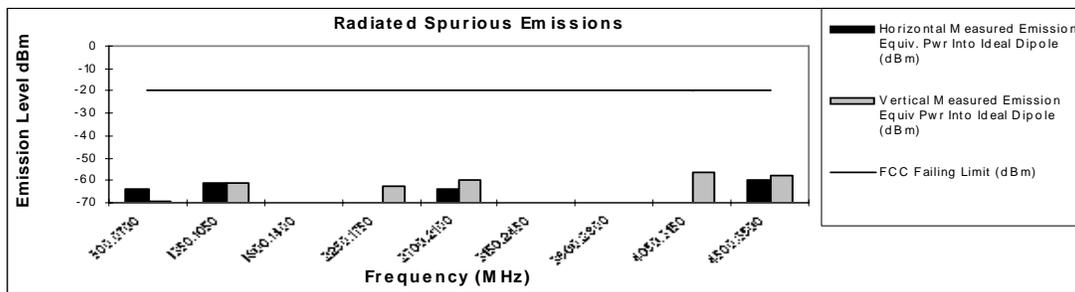
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 30 Watts**

**450.035 MHz**

**Channel Spacing 12.5kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0700	-20	-63.90	-69.23
1350.1050	-20	-61.49	-61.31
1800.1400	-20	-70.49	*
2250.1750	-20	*	-62.64
2700.2100	-20	-63.54	-60.08
3150.2450	-20	*	*
3600.2800	-20	*	*
4050.3150	-20	*	-56.35
4500.3500	-20	-59.47	-57.80



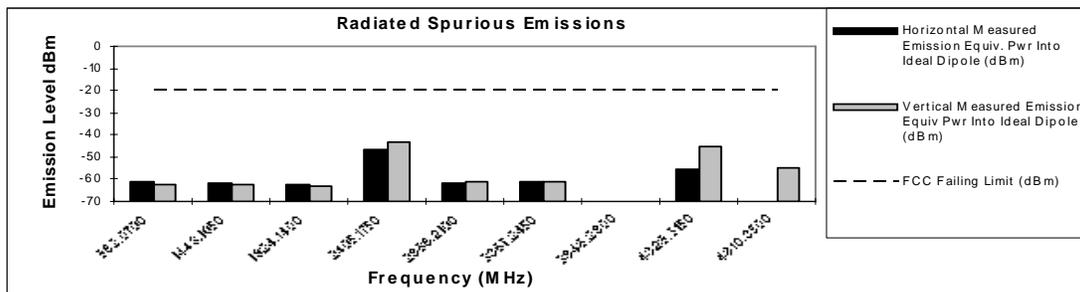
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 30 Watts**

**481.035 MHz**

**Channel Spacing 12.5kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
962.0700	-20	-61.22	-62.46
1443.1050	-20	-61.59	-62.48
1924.1400	-20	-62.50	-63.08
2405.1750	-20	-46.61	-43.23
2886.2100	-20	-61.53	-61.03
3367.2450	-20	-60.93	-61.17
3848.2800	-20	*	*
4329.3150	-20	-55.53	-45.46
4810.3500	-20	*	-55.09



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

April 1, 2008

**Figure 6G-1: Hi-Power, 450.035 MHz, 12.5 kHz Channel Spacing & Hi-Power, 481.035 MHz, 12.5 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT4829

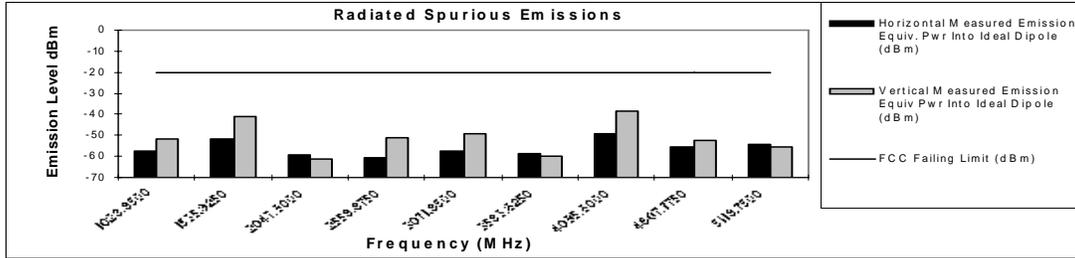
Transmit Radiated Spurious Emissions: CDM 1550

Tx Power: 30 Watts

511.975 MHz

Channel Spacing 12.5kHz | S/N BBBHKPMP

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-20	-57.61	-52.00
1535.9250	-20	-51.62	-40.94
2047.9000	-20	-59.05	-61.08
2559.8750	-20	-60.29	-51.31
3071.8500	-20	-57.40	-49.13
3583.8250	-20	-58.68	-59.72
4095.8000	-20	-49.17	-38.17
4607.7750	-20	-55.54	-52.57
5119.7500	-20	-53.94	-55.47



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

April 1, 2008

Figure 6G-2: Hi-Power, 511.975 MHz, 12.5 kHz Channel Spacing

Motorola Inc.

FCC ID:AZ492FT4829

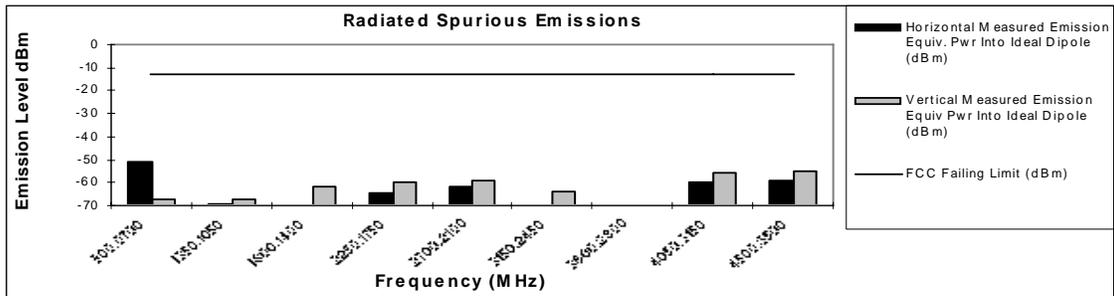
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 30 Watts**

**450.035 MHz**

**Channel Spacing 25kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0700	-13	-50.99	-66.97
1350.1050	-13	-69.08	-66.98
1800.1400	-13	*	-61.61
2250.1750	-13	-64.64	-59.95
2700.2100	-13	-62.09	-58.88
3150.2450	-13	*	-63.55
3600.2800	-13	*	*
4050.3150	-13	-60.04	-55.43
4500.3500	-13	-59.02	-54.94



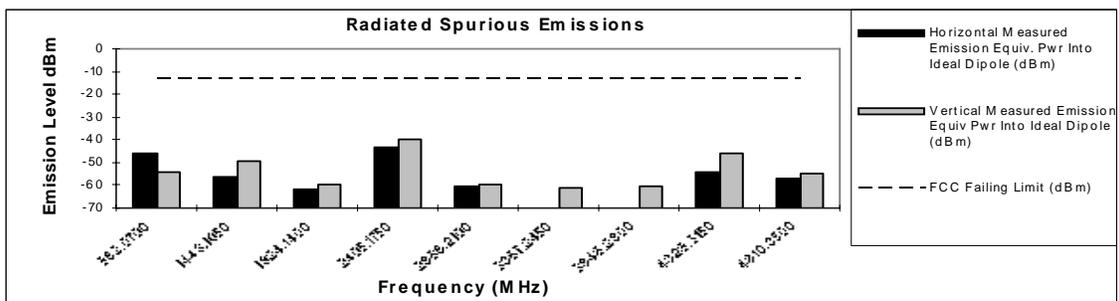
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 30 Watts**

**481.035 MHz**

**Channel Spacing 25kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
962.0700	-13	-46.27	-54.37
1443.1050	-13	-56.04	-49.13
1924.1400	-13	-62.03	-59.65
2405.1750	-13	-43.19	-39.46
2886.2100	-13	-60.11	-59.60
3367.2450	-13	*	-61.27
3848.2800	-13	*	-60.56
4329.3150	-13	-54.22	-46.28
4810.3500	-13	-57.11	-54.92



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West  
FCC Registration: 91932 / Industry Canada: IC3679A-1

March 31, 2008

**Figure 6G-3: Hi-Power, 450.035 MHz, 25 kHz Channel Spacing & Hi-Power, 481.035 MHz, 25 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT4829

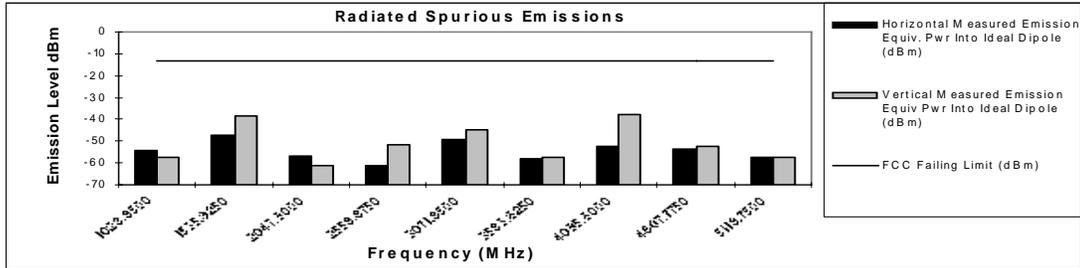
Transmit Radiated Spurious Emissions: CDM 1550

Tx Power: 30 Watts

511.975 MHz

Channel Spacing 25kHz | S/N BBBHKPMP

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-13	-54.07	-57.30
1535.9250	-13	-47.21	-38.22
2047.9000	-13	-57.01	-61.43
2559.8750	-13	-61.26	-51.52
3071.8500	-13	-49.07	-44.72
3583.8250	-13	-58.30	-57.57
4095.8000	-13	-52.55	-37.72
4607.7750	-13	-53.31	-52.29
5119.7500	-13	-57.50	-57.36



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

March 31, 2008

Figure 6G-4: Hi-Power, 511.975 MHz, 25 kHz Channel Spacing

Motorola Inc.

FCC ID:AZ492FT4829

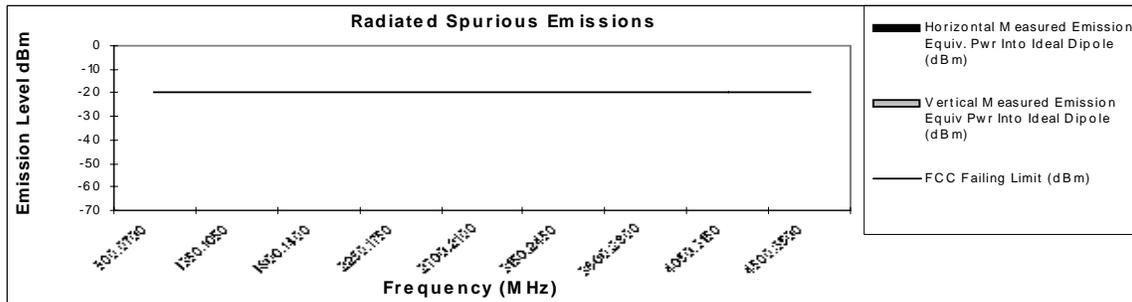
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 1 Watts**

**450.035 MHz**

**Channel Spacing 12.5kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0700	-20	*	*
1350.1050	-20	*	-71.88
1800.1400	-20	*	*
2250.1750	-20	*	*
2700.2100	-20	*	*
3150.2450	-20	*	*
3600.2800	-20	*	*
4050.3150	-20	*	*
4500.3500	-20	*	*



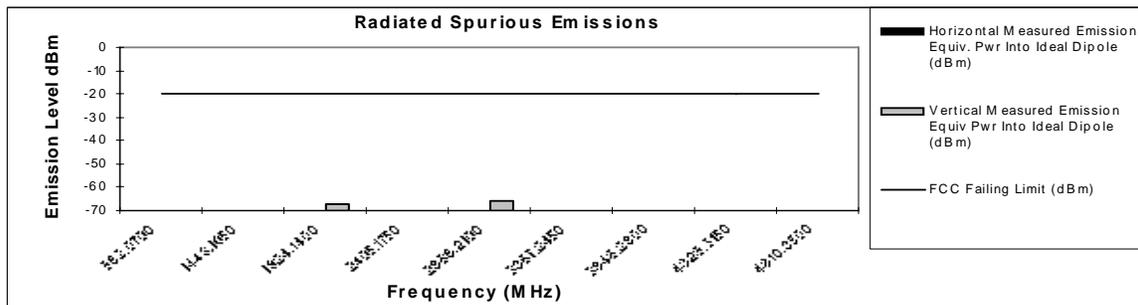
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 1 Watts**

**481.035 MHz**

**Channel Spacing 12.5kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
962.0700	-20	*	*
1443.1050	-20	*	-72.57
1924.1400	-20	*	-66.95
2405.1750	-20	*	*
2886.2100	-20	*	-66.02
3367.2450	-20	*	*
3848.2800	-20	*	*
4329.3150	-20	*	*
4810.3500	-20	*	*



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West

April 1, 2008

**Figure 6G-5: Lo-Power, 450.035 MHz, 12.5 kHz Channel Spacing & Lo-Power, 481.035 MHz, 12.5 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT4829

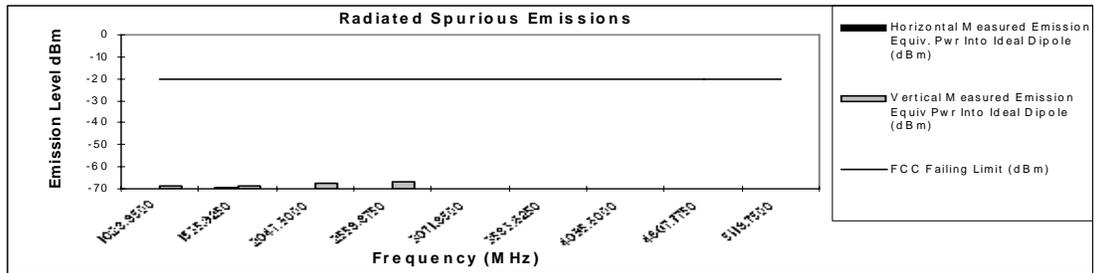
Transmit Radiated Spurious Emissions: CDM 1550

Tx Power: 1 Watts

511.975 MHz

Channel Spacing 12.5kHz | S/N BBBHKPMP

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-20	*	-68.83
1535.9250	-20	-69.08	-68.83
2047.9000	-20	*	-67.51
2559.8750	-20	*	-66.96
3071.8500	-20	*	*
3583.8250	-20	*	*
4095.8000	-20	*	*
4607.7750	-20	*	*
5119.7500	-20	*	*



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

April 1, 2008

Figure 6G-6: Lo-Power, 511.975 MHz, 12.5 kHz Channel Spacing

Motorola Inc.

FCC ID:AZ492FT4829

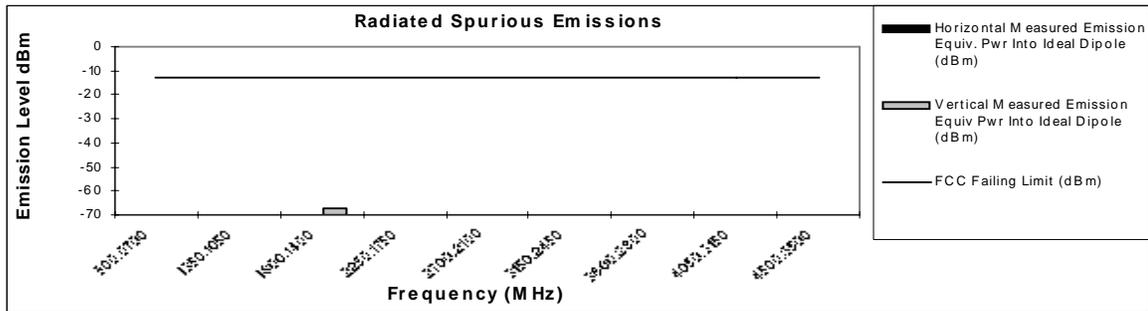
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 1 Watts**

**450.035 MHz**

**Channel Spacing 25kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0700	-13	*	*
1350.1050	-13	*	-70.84
1800.1400	-13	*	-67.62
2250.1750	-13	*	*
2700.2100	-13	*	*
3150.2450	-13	*	*
3600.2800	-13	*	*
4050.3150	-13	*	*
4500.3500	-13	*	*



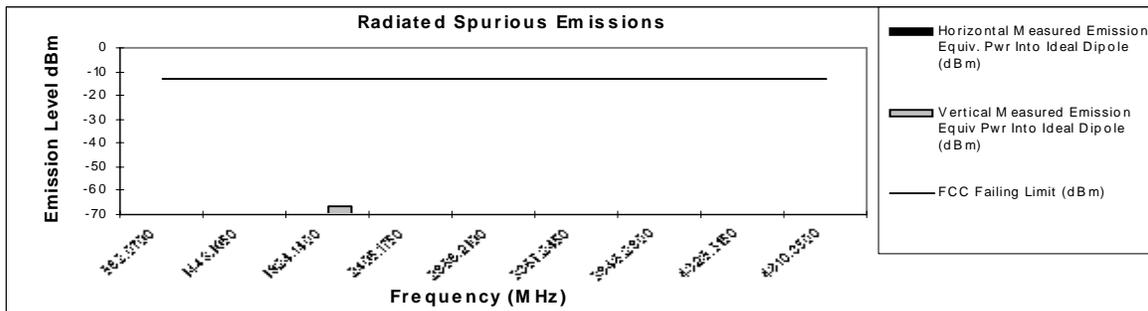
**Transmit Radiated Spurious Emissions: CDM 1550**

**Tx Power: 1 Watts**

**481.035 MHz**

**Channel Spacing 25kHz | S/N BBBHKPMP**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
962.0700	-13	*	*
1443.1050	-13	*	-71.97
1924.1400	-13	*	-66.65
2405.1750	-13	*	*
2886.2100	-13	*	*
3367.2450	-13	*	*
3848.2800	-13	*	*
4329.3150	-13	*	*
4810.3500	-13	*	*



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

March 31, 2008

**Figure 6G-7: Lo-Power, 450.035 MHz, 25 kHz Channel Spacing & Lo-Power, 481.035 MHz, 25 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT4829

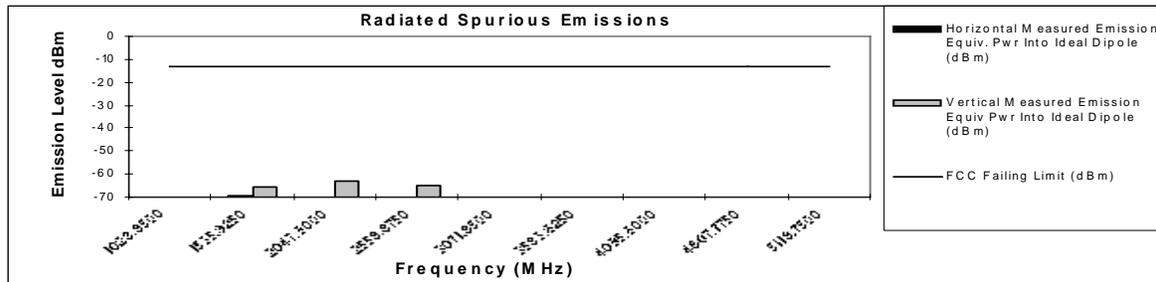
Transmit Radiated Spurious Emissions: CDM 1550

Tx Power: 1 Watts

511.975 MHz

Channel Spacing 25kHz | S/N BBBHKPMP

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-13	*	*
1535.9250	-13	-69.62	-65.28
2047.9000	-13	*	-62.79
2559.8750	-13	*	-65.01
3071.8500	-13	*	*
3583.8250	-13	*	*
4095.8000	-13	*	*
4607.7750	-13	*	*
5119.7500	-13	*	*



\* 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.

Motorola Plantation EMC Lab – Test Performed by: Don West  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

March 31, 2008

Figure 6G-8: Lo-Power, 511.975 MHz, 25 kHz Channel Spacing