

## 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 (6 Graphs):

- 6F-1: Hi-Power Harmonic of Carrier 29.75 MHz, 20 kHz Channel Spacing
- 6F-2: Hi-Power Harmonic of Carrier 32.85 MHz, 20 kHz Channel Spacing
- 6F-3: Hi-Power Harmonic of Carrier 35.95 MHz, 20 kHz Channel Spacing
- 6F-4: Lo-Power Harmonic of Carrier 29.75 MHz, 20 kHz Channel Spacing
- 6F-5: Lo-Power Harmonic of Carrier 32.85 MHz, 20 kHz Channel Spacing
- 6F-6: Lo-Power Harmonic of Carrier 35.95 MHz, 20 kHz Channel Spacing

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

- 6G-1: Hi-Power, 29.75 MHz, 20 kHz Channel Spacing  
& Hi-Power, 32.85 MHz, 20 kHz Channel Spacing
- 6G-2: Hi-Power, 35.95 MHz, 20 kHz Channel Spacing
- 6G-3: Lo-Power, 29.75 MHz, 20 kHz Channel Spacing  
& Lo-Power, 32.85 MHz, 20 kHz Channel Spacing
- 6G-4: Lo-Power, 35.95 MHz, 20 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 (Q1402 & Q1403).

**At maximum output power setting, Frequency 29.75 MHz:**

Output RF power:	72.00 Watts
DC Voltage:	13.58 Volts
DC Current:	10.82 Amps
DC Input Power:	146.94 Watts

**At minimum output power setting, Frequency 29.75 MHz:**

Output RF power:	40.00 Watts
DC Voltage:	13.58 Volts
DC Current:	8.67 Amps
DC Input Power:	117.74 Watts

**At maximum output power setting, Frequency 32.85 MHz:**

Output RF power:	72.00 Watts
DC Voltage:	13.58 Volts
DC Current:	11.72 Amps
DC Input Power:	159.16 Watts

**At minimum output power setting, Frequency 32.85 MHz:**

Output RF power:	40.00 Watts
DC Voltage:	13.58 Volts
DC Current:	9.28 Amps
DC Input Power:	126.02 Watts

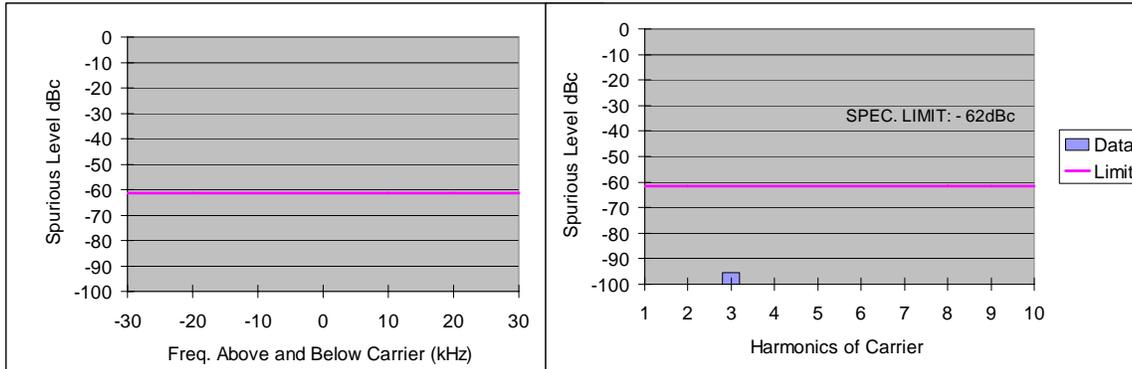
**At maximum output power setting, Frequency 35.95 MHz:**

Output RF power:	72.00 Watts
DC Voltage:	13.58 Volts
DC Current:	11.84 Amps
DC Input Power:	160.79 Watts

**At minimum output power setting, Frequency 35.95 MHz:**

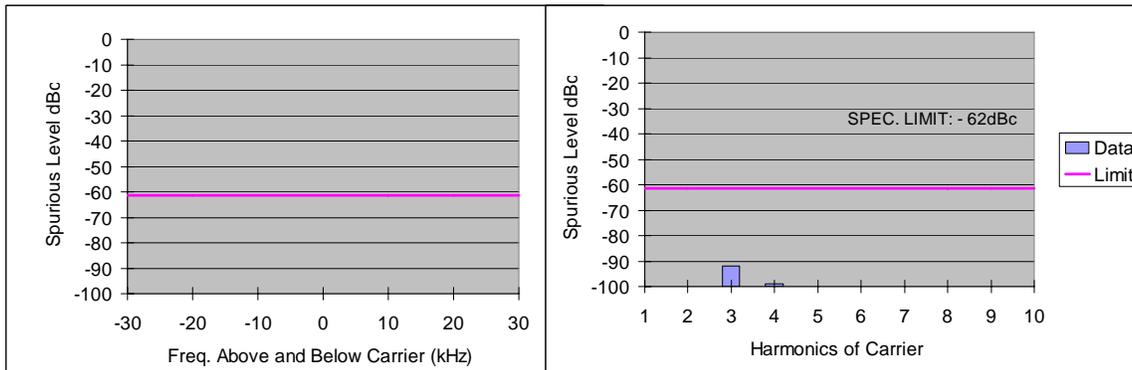
Output RF power:	40.00 Watts
DC Voltage:	13.58 Volts
DC Current:	9.46 Amps
DC Input Power:	128.47 Watts

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



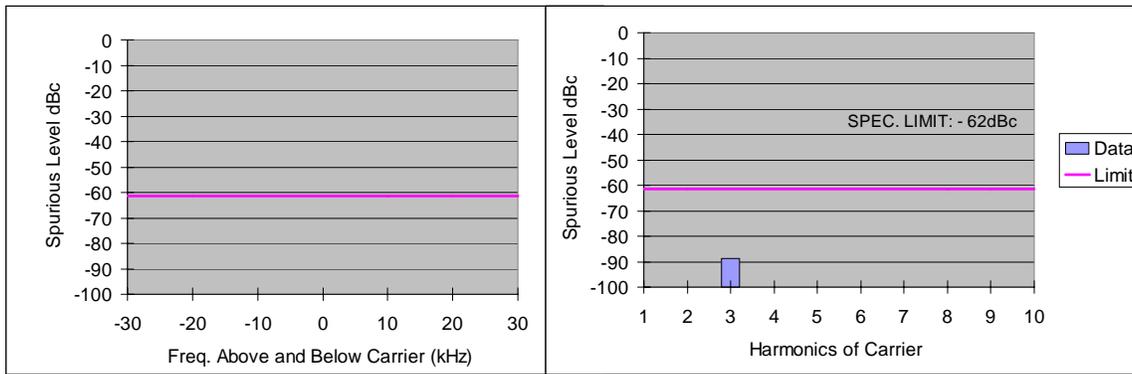
Note: Other emissions not reported were more than 38dB below the limit

**Figure 6F-1: Hi-Power, 29.75 MHz, 20 kHz Channel Spacing**



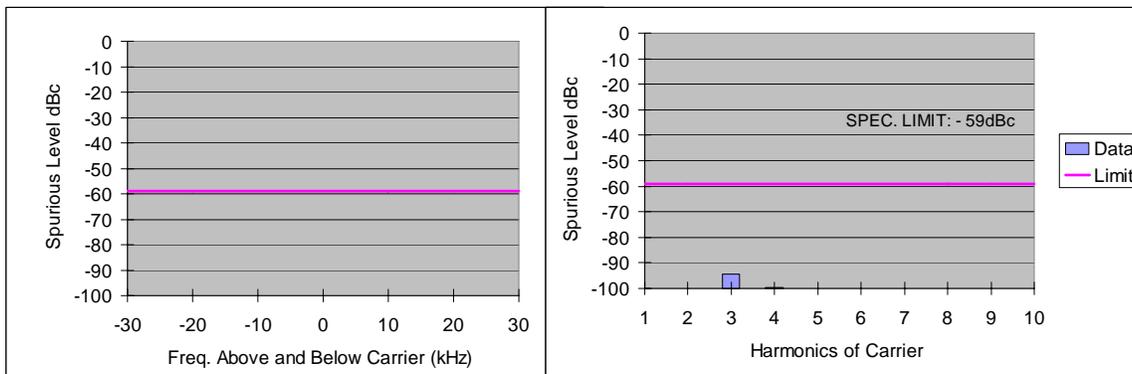
Note: Other emissions not reported were more than 38dB below the limit

**Figure 6F-2: Hi-Power, 32.85 MHz, 20 kHz Channel Spacing**



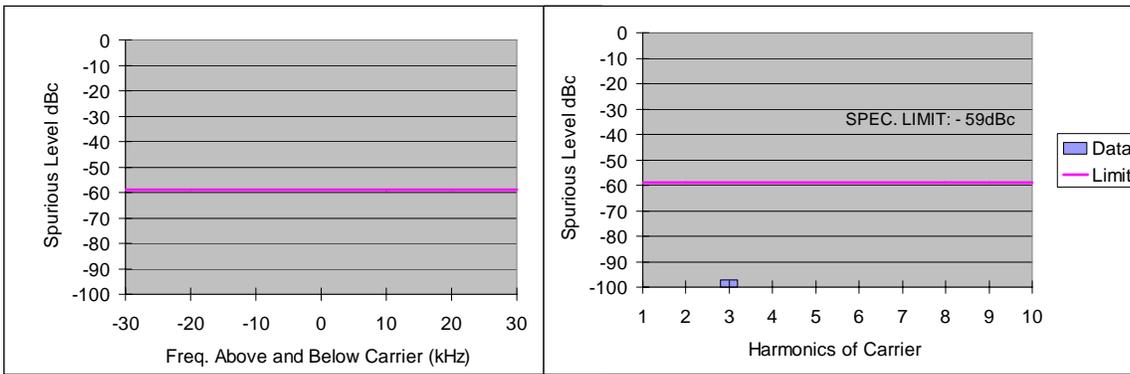
Note: Other emissions not reported were more than 38dB below the limit

**Figure 6F-3:** Hi-Power, 35.95 MHz, 20 kHz Channel Spacing



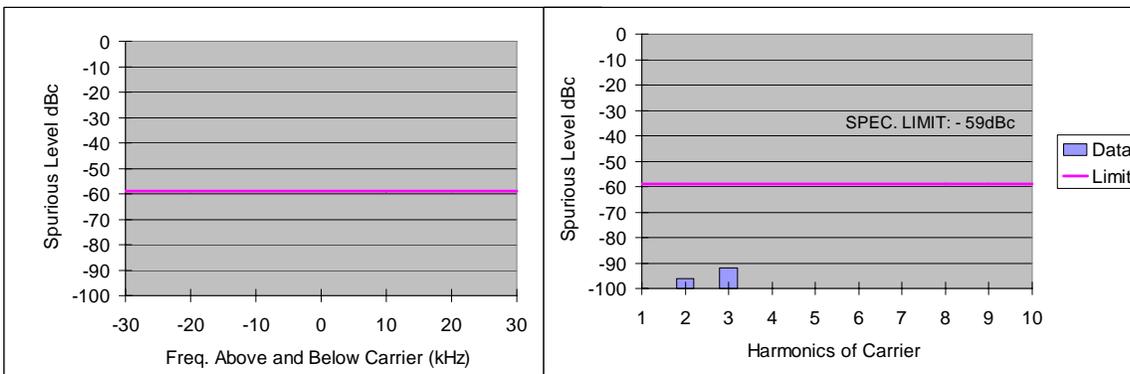
Note: Other emissions not reported were more than 41dB below the limit

**Figure 6F-4:** Lo-Power, 29.75 MHz, 20 kHz Channel Spacing



Note: Other emissions not reported were more than 41dB below the limit

Figure 6F-5: Lo-Power, 32.85 MHz, 20 kHz Channel Spacing



Note: Other emissions not reported were more than 41dB below the limit

Figure 6F-6: Lo-Power, 35.95 MHz, 20 kHz Channel Spacing

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

Motorola Inc.

FCC ID:AZ492FT1627

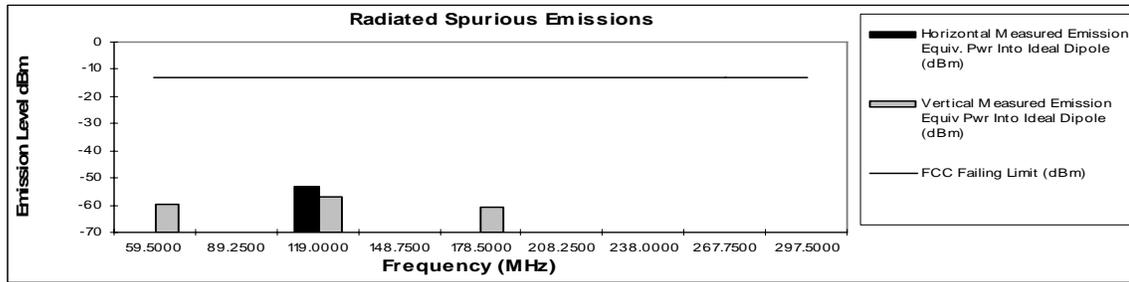
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 72 Watts**

**29.75 MHz**

**Channel Spacing 20kHz | S/N BC1HEQ0U**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
59.5000	-13	*	-59.57
89.2500	-13	*	*
119.0000	-13	-53.38	-57.04
148.7500	-13	*	*
178.5000	-13	*	-60.50
208.2500	-13	*	*
238.0000	-13	*	*
267.7500	-13	*	*
297.5000	-13	*	*



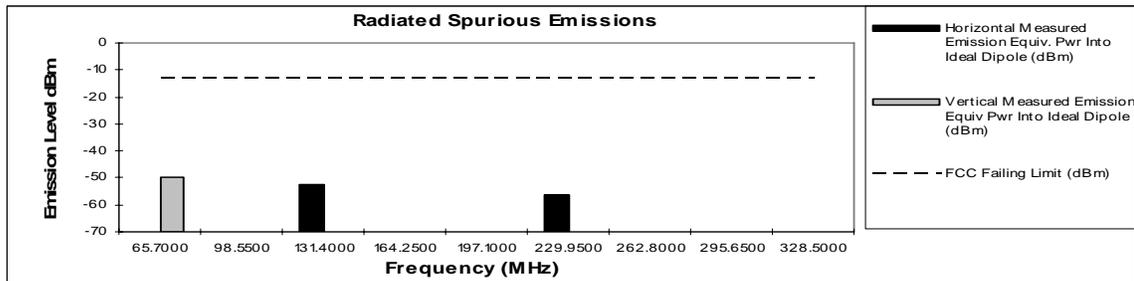
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 72 Watts**

**32.85 MHz**

**Channel Spacing 20kHz | S/N BC1HEQ0U**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
65.7000	-13	*	-49.56
98.5500	-13	*	*
131.4000	-13	-52.52	*
164.2500	-13	*	*
197.1000	-13	*	*
229.9500	-13	-56.43	*
262.8000	-13	*	*
295.6500	-13	*	*
328.5000	-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: Frank Baader  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

November 29, 2007

**Figure 6G-1: Hi-Power, 29.75 MHz, 20 kHz Channel Spacing & Hi-Power, 32.85 MHz, 20 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT1627

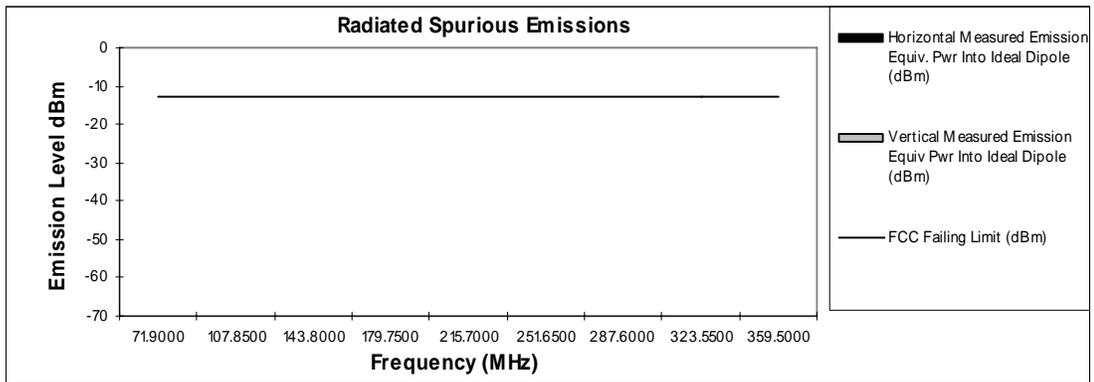
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 72 Watts**

**35.95 MHz**

**Channel Spacing 20kHz | S/N BC1HEQ0U**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
71.9000	-13	*	*
107.8500	-13	*	*
143.8000	-13	*	*
179.7500	-13	*	*
215.7000	-13	*	*
251.6500	-13	*	*
287.6000	-13	*	*
323.5500	-13	*	*
359.5000	-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: Frank Baader  
FCC Registration: 91932 / Industry Canada: IC3679A-1

November 29, 2007

**Figure 6G-2: Hi-Power, 35.95 MHz, 20 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT1627

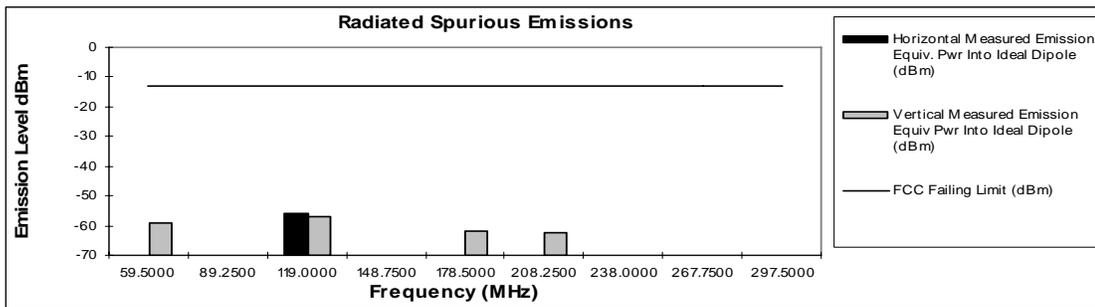
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 40 Watts**

**29.75 MHz**

**Channel Spacing 20kHz | S/N BC1HEQ0U**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
59.5000	-13	*	-59.00
89.2500	-13	*	*
119.0000	-13	-55.72	-57.11
148.7500	-13	*	*
178.5000	-13	*	-61.89
208.2500	-13	*	-62.60
238.0000	-13	*	*
267.7500	-13	*	*
297.5000	-13	*	*



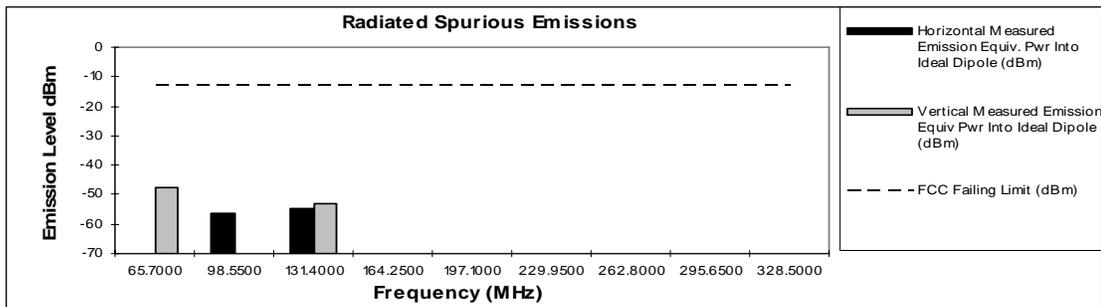
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 40 Watts**

**32.85 MHz**

**Channel Spacing 20kHz | S/N BC1HEQ0U**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
65.7000	-13	*	-47.37
98.5500	-13	-56.33	*
131.4000	-13	-54.66	-53.30
164.2500	-13	*	*
197.1000	-13	*	*
229.9500	-13	*	*
262.8000	-13	*	*
295.6500	-13	*	*
328.5000	-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: Frank Baader  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

November 30, 2007

**Figure 6G-3: Lo-Power, 29.75 MHz, 20 kHz Channel Spacing & Lo-Power, 32.85 MHz, 20 kHz Channel Spacing**

**Motorola Inc.**

**FCC ID:AZ492FT1627**

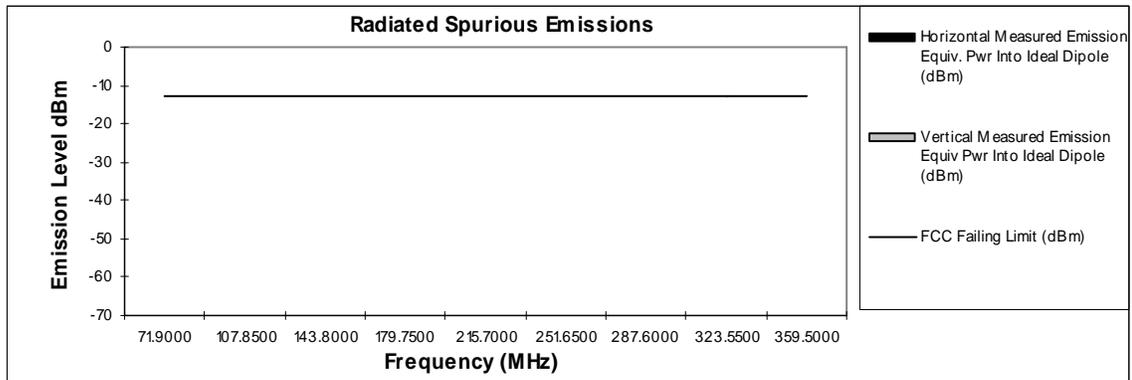
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 40 Watts**

**35.95 MHz**

**Channel Spacing 20kHz | S/N BC1HEQ0U**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
71.9000	-13	*	*
107.8500	-13	*	*
143.8000	-13	*	*
179.7500	-13	*	*
215.7000	-13	*	*
251.6500	-13	*	*
287.6000	-13	*	*
323.5500	-13	*	*
359.5000	-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: Frank Baader**  
**FCC Registration: 91932 / Industry Canada: IC3679A-1**

**November 30, 2007**

**Figure 6G-4: Lo-Power, 35.95 MHz, 20 kHz Channel Spacing**