

## 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 36.035 MHz, 20 kHz Channel Spacing
- 6F-2: Hi-Power Harmonic of Carrier 39.035 MHz, 20 kHz Channel Spacing
- 6F-3: Hi-Power Harmonic of Carrier 41.975 MHz, 20 kHz Channel Spacing
- 6F-4: Lo-Power Harmonic of Carrier 36.035 MHz, 20 kHz Channel Spacing
- 6F-5: Lo-Power Harmonic of Carrier 39.035 MHz, 20 kHz Channel Spacing
- 6F-6: Lo-Power Harmonic of Carrier 41.975 MHz, 20 kHz Channel Spacing

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

- 6G-1: Hi-Power, 36.035 MHz, 20 kHz Channel Spacing  
& Hi-Power, 39.035 MHz, 20 kHz Channel Spacing
- 6G-2: Hi-Power, 41.975 MHz, 20 kHz Channel Spacing
- 6G-3: Lo-Power, 36.035 MHz, 20 kHz Channel Spacing  
& Lo-Power, 39.035 MHz, 20 kHz Channel Spacing
- 6G-4: Lo-Power, 41.975 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 36.035 MHz:**

Output RF power:	72.00 Watts
DC Voltage:	13.58 Volts
DC Current:	12.11 Amps
DC Input Power:	164.45 Watts

**At minimum output power setting, Frequency 36.035 MHz:**

Output RF power:	40.00 Watts
DC Voltage:	13.58 Volts
DC Current:	9.92 Amps
DC Input Power:	134.71 Watts

**At maximum output power setting, Frequency 39.035 MHz:**

Output RF power:	72.00 Watts
DC Voltage:	13.58 Volts
DC Current:	12.08 Amps
DC Input Power:	164.04 Watts

**At minimum output power setting, Frequency 39.035 MHz:**

Output RF power:	40.00 Watts
DC Voltage:	13.58 Volts
DC Current:	9.83 Amps
DC Input Power:	133.49 Watts

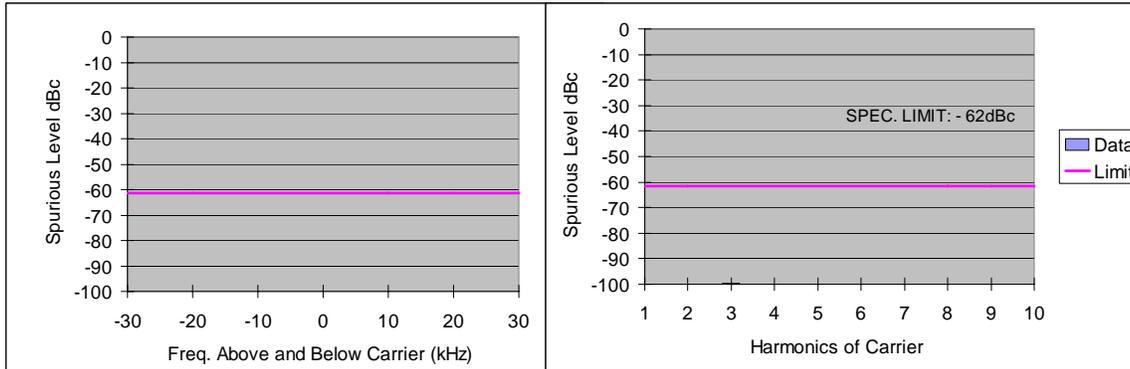
**At maximum output power setting, Frequency 41.975 MHz:**

Output RF power:	72.00 Watts
DC Voltage:	13.58 Volts
DC Current:	11.57 Amps
DC Input Power:	157.12 Watts

**At minimum output power setting, Frequency 41.975 MHz:**

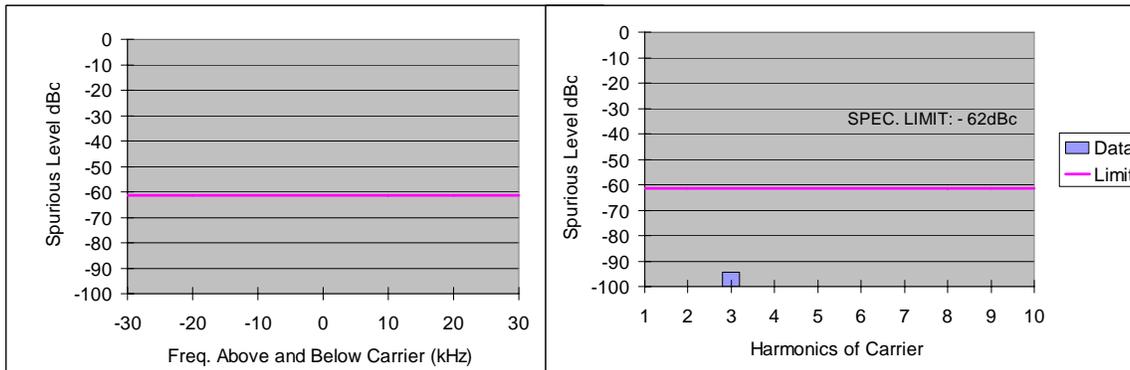
Output RF power:	40.00 Watts
DC Voltage:	13.58 Volts
DC Current:	9.44 Amps
DC Input Power:	128.20 Watts

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



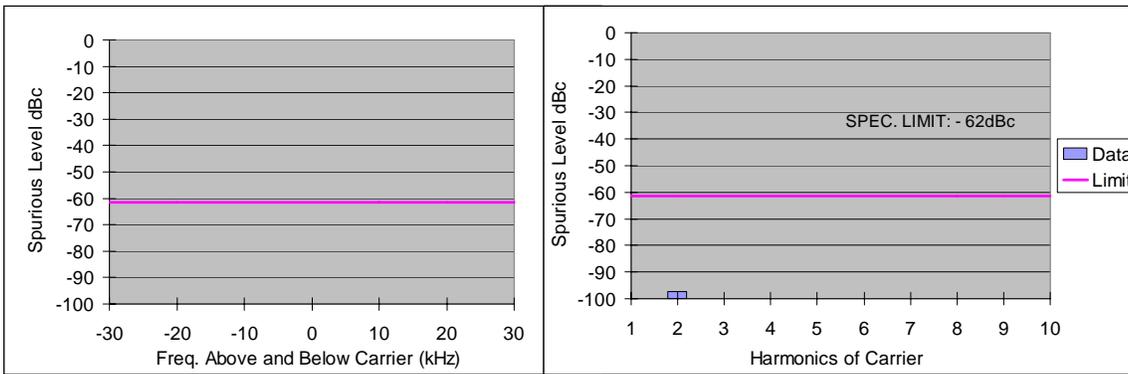
Note: Other emissions not reported were more than 38dB below the limit

**Figure 6F-1:** Hi-Power, 36.035 MHz, 20 kHz Channel Spacing



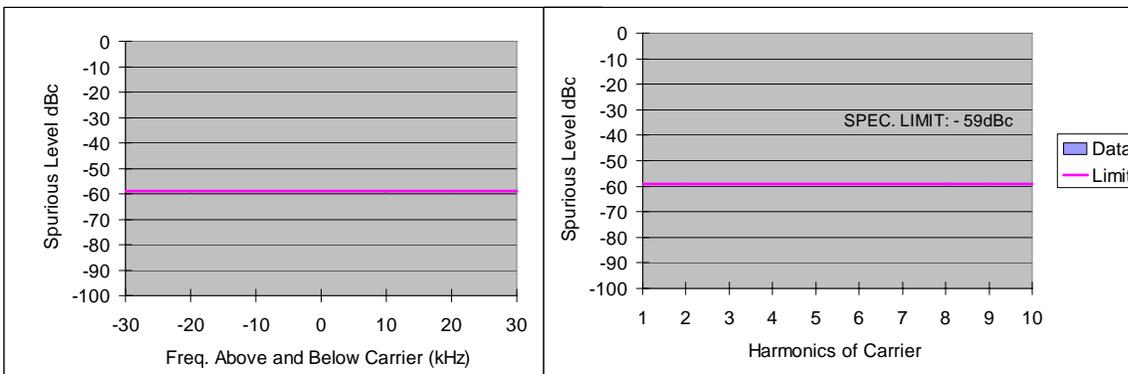
Note: Other emissions not reported were more than 38dB below the limit

**Figure 6F-2:** Hi-Power, 39.035 MHz, 20 kHz Channel Spacing



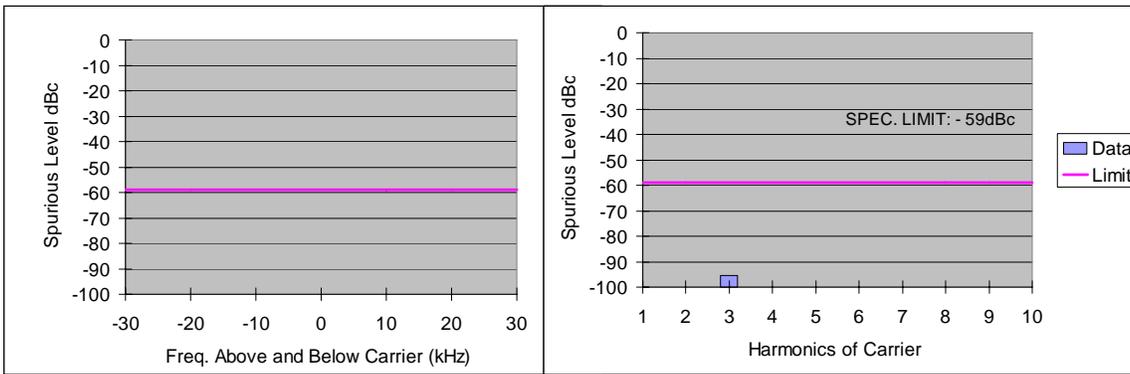
Note: Other emissions not reported were more than 38dB below the limit

**Figure 6F-3:** Hi-Power, 41.975 MHz, 20 kHz Channel Spacing



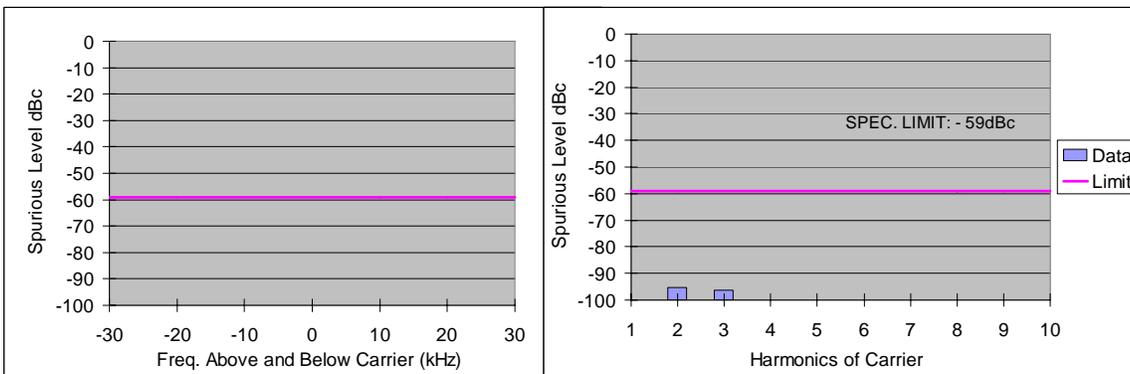
Note: Other emissions not reported were more than 41dB below the limit

**Figure 6F-4:** Lo-Power, 36.035 MHz, 20 kHz Channel Spacing



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

**Figure 6F-5:** Lo-Power, 39.035 MHz, 20 kHz Channel Spacing



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

**Figure 6F-6:** Lo-Power, 41.975 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:AZ492FT1628

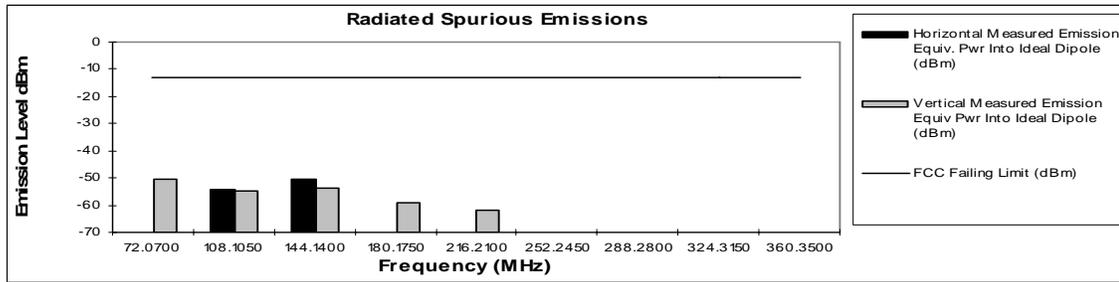
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 72 Watts**

**36.035 MHz**

**Channel Spacing 20kHz | S/N BC2HE0Z6**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
72.0700	-13	*	-50.36
108.1050	-13	-54.42	-54.77
144.1400	-13	-50.66	-53.64
180.1750	-13	*	-59.03
216.2100	-13	*	-61.89
252.2450	-13	*	*
288.2800	-13	*	*
324.3150	-13	*	*
360.3500	-13	*	*



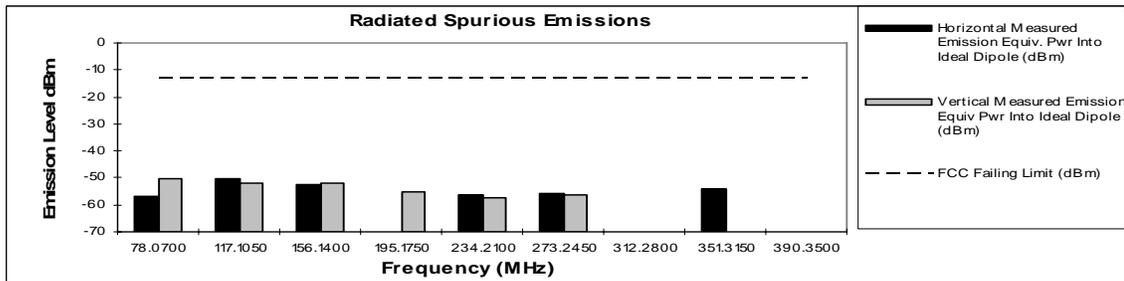
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 72 Watts**

**39.035 MHz**

**Channel Spacing 20kHz | S/N BC2HE0Z6**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
78.0700	-13	-57.13	-50.55
117.1050	-13	-50.28	-51.75
156.1400	-13	-52.55	-51.89
195.1750	-13	*	-55.45
234.2100	-13	-56.48	-57.35
273.2450	-13	-55.71	-56.47
312.2800	-13	*	*
351.3150	-13	-54.22	*
390.3500	-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: Frank Baader  
 FCC Registration: 91932 / Industry Canada: IC3679A-1

December 4, 2007

**Figure 6G-1: Hi-Power, 36.035 MHz, 20 kHz Channel Spacing & Hi-Power, 39.035 MHz, 20 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT1628

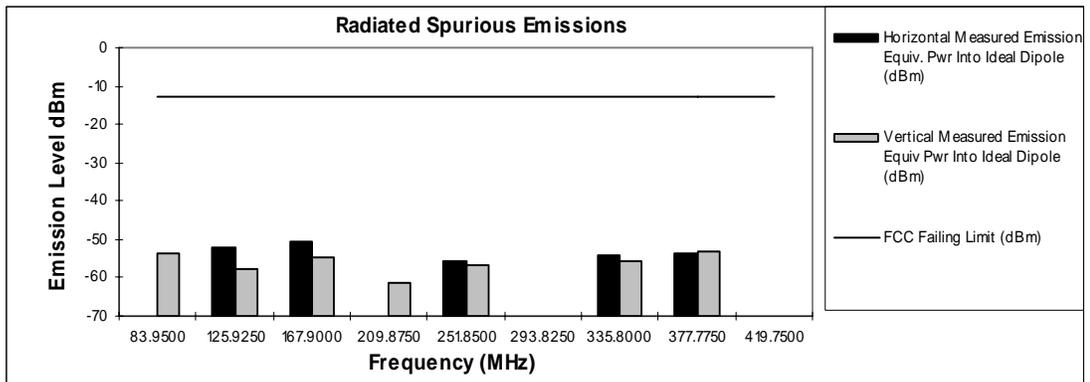
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 72 Watts**

**41.975 MHz**

**Channel Spacing 20kHz | S/N BC2HE0Z6**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
83.9500	-13	*	-53.41
125.9250	-13	-51.94	-57.99
167.9000	-13	-50.50	-54.60
209.8750	-13	*	-61.52
251.8500	-13	-55.47	-56.93
293.8250	-13	*	*
335.8000	-13	-54.32	-55.57
377.7750	-13	-53.63	-53.28
419.7500	-13	*	*



\* Indicates the spurious emission could not be detected due to noise limitations or ambients.  
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December 4, 2007

**Figure 6G-2: Hi-Power, 41.975 MHz, 20 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT1628

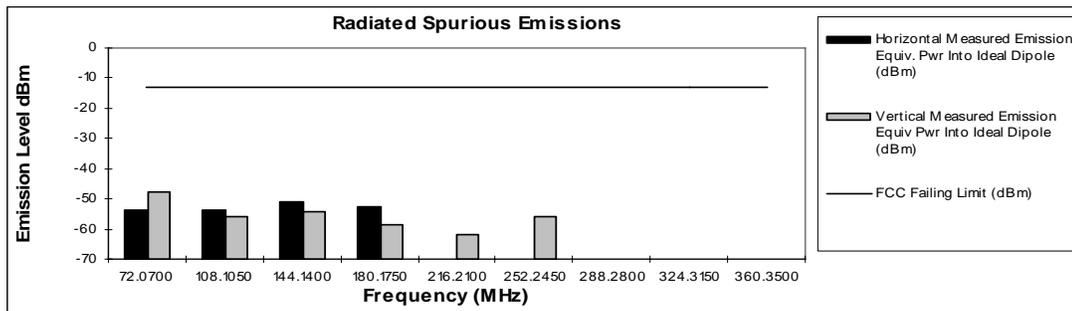
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 40 Watts**

**36.035 MHz**

**Channel Spacing 20kHz | S/N BC2HE0Z6**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
72.0700	-13	-53.94	-48.02
108.1050	-13	-53.66	-56.08
144.1400	-13	-51.11	-54.19
180.1750	-13	-52.42	-58.64
216.2100	-13	*	-62.11
252.2450	-13	*	-55.68
288.2800	-13	*	*
324.3150	-13	*	*
360.3500	-13	*	*



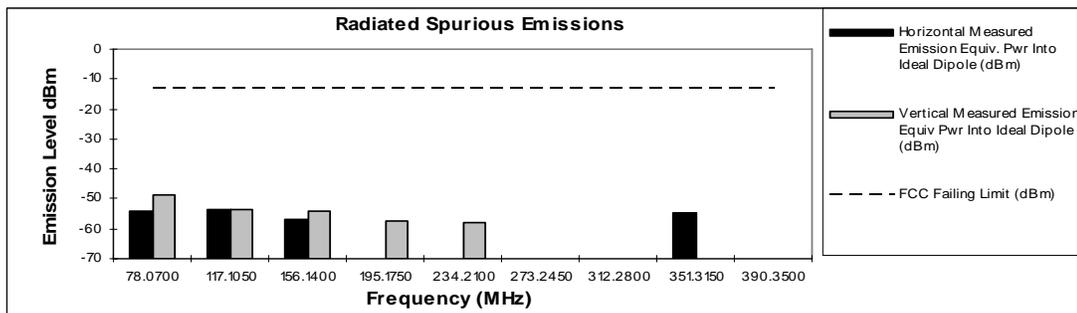
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 40 Watts**

**39.035 MHz**

**Channel Spacing 20kHz | S/N BC2HE0Z6**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
78.0700	-13	-53.90	-48.86
117.1050	-13	-53.72	-53.73
156.1400	-13	-56.67	-54.07
195.1750	-13	*	-57.57
234.2100	-13	*	-58.10
273.2450	-13	*	*
312.2800	-13	*	*
351.3150	-13	-54.80	*
390.3500	-13	*	*



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**Figure 6G-3: Lo-Power, 36.035 MHz, 20 kHz Channel Spacing & Lo-Power, 39.035 MHz, 20 kHz Channel Spacing**

Motorola Inc.

FCC ID:AZ492FT1628

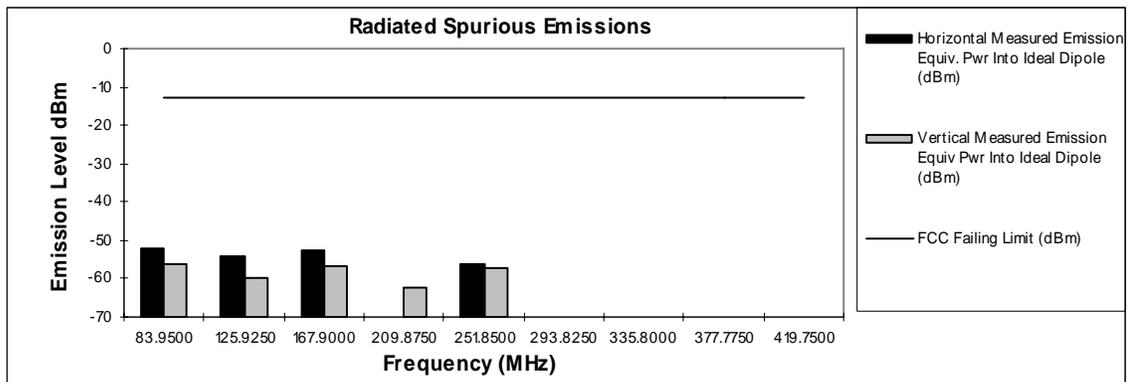
**Transmit Radiated Spurious Emissions: CDM750**

**Tx Power: 40 Watts**

**41.975 MHz**

**Channel Spacing 20kHz | S/N BC2HE0Z6**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
83.9500	-13	-52.13	-56.03
125.9250	-13	-54.04	-59.74
167.9000	-13	-52.50	-56.95
209.8750	-13	*	-62.21
251.8500	-13	-56.37	-57.31
293.8250	-13	*	*
335.8000	-13	*	*
377.7750	-13	*	*
419.7500	-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.

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Figure 6G-4: Lo-Power, 41.975 MHz, 20 kHz Channel Spacing