6.4. Radiated Spurious Emissions -- Pursuant 47 CFR 2.1053, 2.1057, 90.210(g)(3), 90.691(a)(2)

FCC Limits

-Per 90.210(g)(3) and 90.691(a)(2), radiated spurious emissions shall be attenuated below the maximum level of emission of the carrier frequency in accordance with the following formula:

Spurious attenuation in dB = 43 + 10 $\log_{10}$ (P)

(Thus the effective limit is -13 dBm for any transmitter power level).

NOTE 1: Spurious emissions are dependent on the linearity of the Power Amplifier and are independent of modulation type or TDM interleaving. Thus emissions were tested with the radio set to Quad-16QAM at both maximum and minimum radio output power settings.

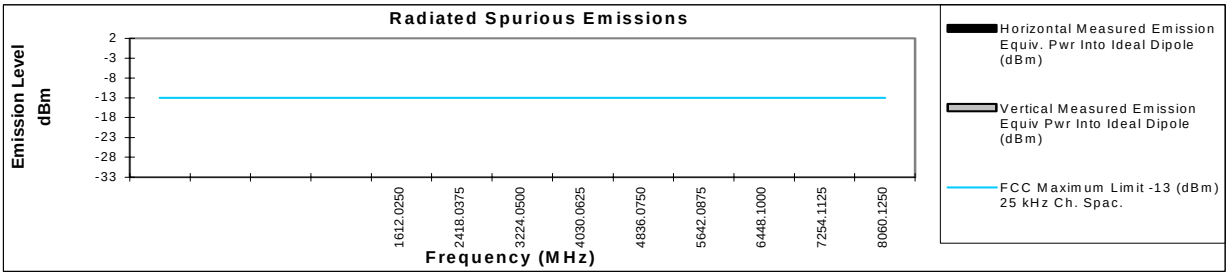
NOTE 2: An asterisk (*) in the data indicates the spurious emission was less than -33 dBm or could not be detected due to noise limitations or ambients.

NOTE 3: Spurious emission levels were measured with the non-detachable antenna mounted on the radio product, as in intended use. Measurement setup is described in Exhibit 7.3.

Transmitter Radiated Spurious Emissions: i530

806.0125 MHz **Channel Spacing 25KHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1612.0250	-13	*	*
3XFund	2418.0375	-13	*	*
4XFund	3224.0500	-13	*	*
5XFund	4030.0625	-13	*	*
6XFund	4836.0750	-13	*	*
7XFund	5642.0875	-13	*	*
8XFund	6448.1000	-13	*	*
9XFund	7254.1125	-13	*	*
10XFund	8060.1250	-13	*	*

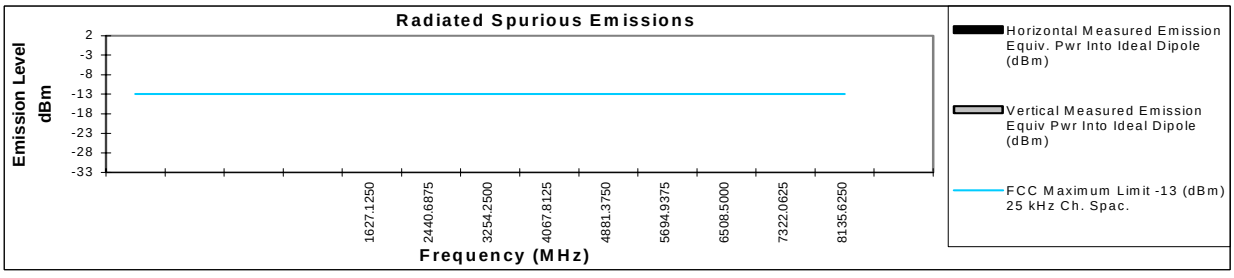


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

813.5625 MHz **Channel Spacing 25KHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1627.1250	-13	*	*
3XFund	2440.6875	-13	*	*
4XFund	3254.2500	-13	*	*
5XFund	4067.8125	-13	*	*
6XFund	4881.3750	-13	*	*
7XFund	5694.9375	-13	*	*
8XFund	6508.5000	-13	*	*
9XFund	7322.0625	-13	*	*
10XFund	8135.6250	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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.

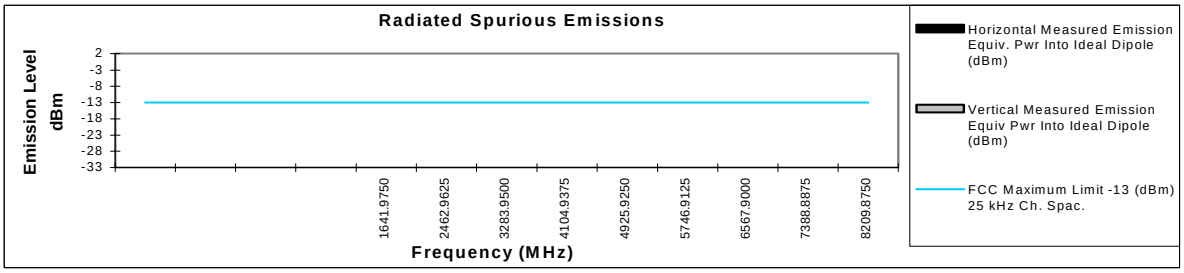
Motorola Plantation EMC Lab – Test Performed by: Frank Baader **June 30, 2003**
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-23a: Primary PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

820.9875 MHz **Channel Spacing 25KHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1641.9750	-13	*	*
3XFund	2462.9625	-13	*	*
4XFund	3283.9500	-13	*	*
5XFund	4104.9375	-13	*	*
6XFund	4925.9250	-13	*	*
7XFund	5746.9125	-13	*	*
8XFund	6567.9000	-13	*	*
9XFund	7388.8875	-13	*	*
10XFund	8209.8750	-13	*	*

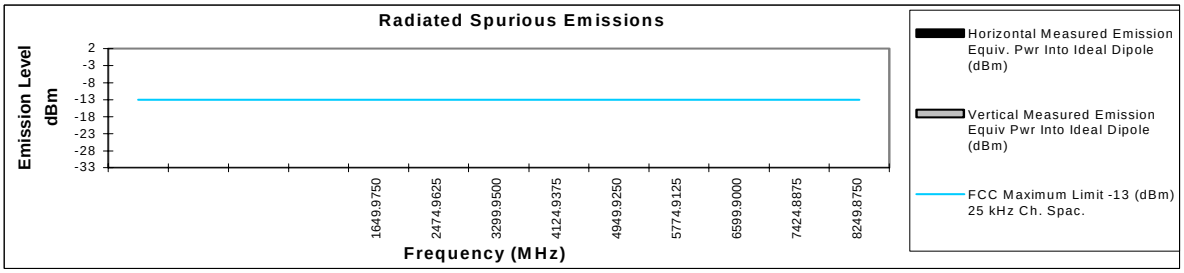


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

824.9875 MHz **Channel Spacing 25KHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1649.9750	-13	*	*
3XFund	2474.9625	-13	*	*
4XFund	3299.9500	-13	*	*
5XFund	4124.9375	-13	*	*
6XFund	4949.9250	-13	*	*
7XFund	5774.9125	-13	*	*
8XFund	6599.9000	-13	*	*
9XFund	7424.8875	-13	*	*
10XFund	8249.8750	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **June 30, 2003**

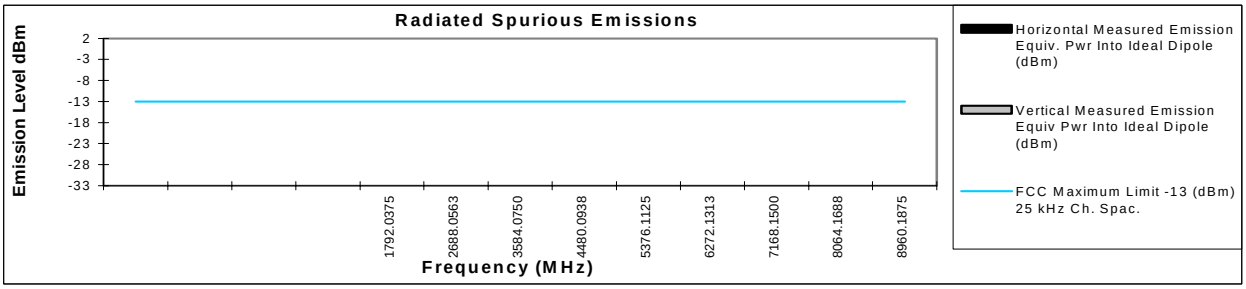
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-23b: Primary PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

896.01875 MHz **Channel Spacing 25KHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1792.0375	-13	*	*
3XFund	2688.0563	-13	*	*
4XFund	3584.0750	-13	*	*
5XFund	4480.0938	-13	*	*
6XFund	5376.1125	-13	*	*
7XFund	6272.1313	-13	*	*
8XFund	7168.1500	-13	*	*
9XFund	8064.1688	-13	*	*
10XFund	8960.1875	-13	*	*

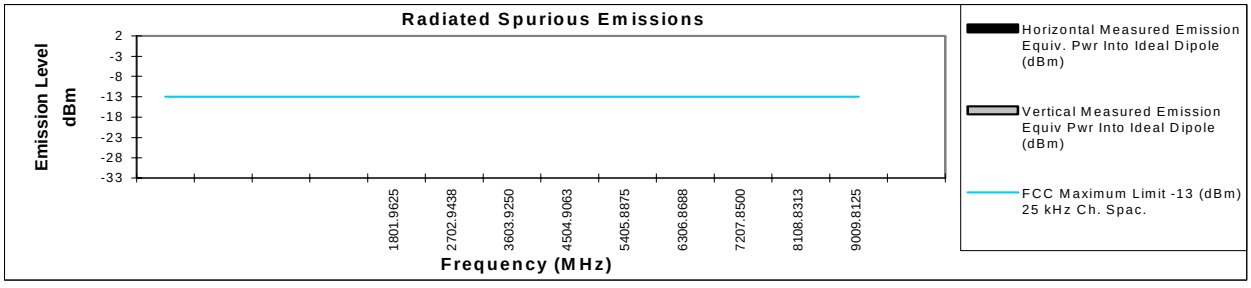


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

900.98125 MHz **Channel Spacing 25KHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1801.9625	-13	*	*
3XFund	2702.9438	-13	*	*
4XFund	3603.9250	-13	*	*
5XFund	4504.9063	-13	*	*
6XFund	5405.8875	-13	*	*
7XFund	6306.8688	-13	*	*
8XFund	7207.8500	-13	*	*
9XFund	8108.8313	-13	*	*
10XFund	9009.8125	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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.

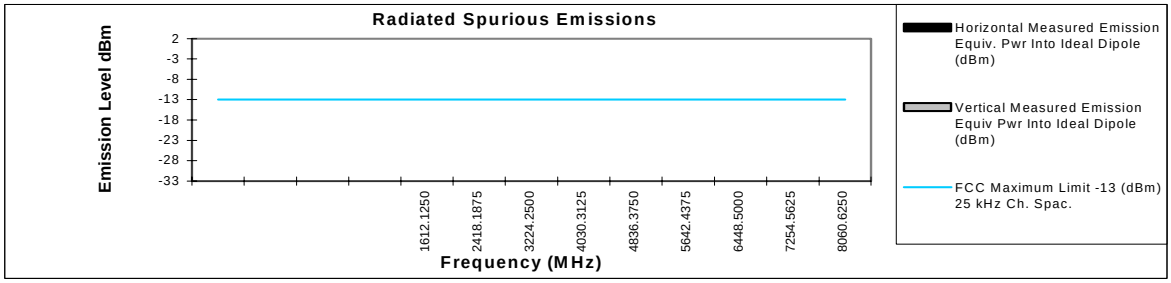
Motorola Plantation EMC Lab – Test Performed by: Frank Baader **June 30, 2003**

Figure 6-24: Primary PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

806.0625 MHz **Channel Spacing 25kHz** **S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1612.1250	-13	*	*
3XFund	2418.1875	-13	*	*
4XFund	3224.2500	-13	*	*
5XFund	4030.3125	-13	*	*
6XFund	4836.3750	-13	*	*
7XFund	5642.4375	-13	*	*
8XFund	6448.5000	-13	*	*
9XFund	7254.5625	-13	*	*
10XFund	8060.6250	-13	*	*

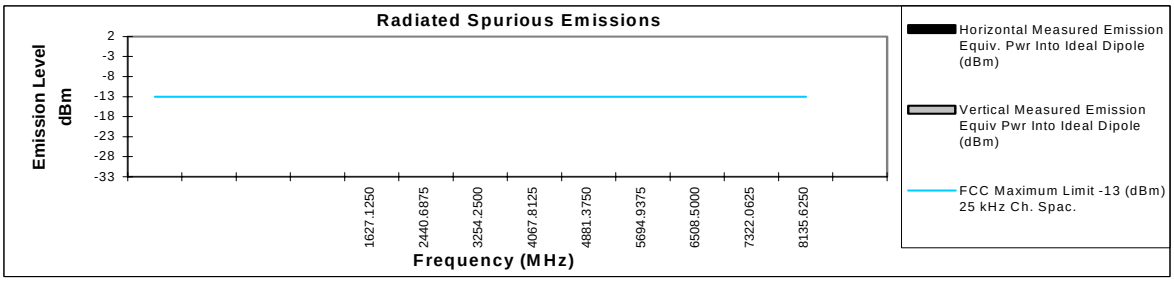


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

813.5625 MHz **Channel Spacing 25kHz** **S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1627.1250	-13	*	*
3XFund	2440.6875	-13	*	*
4XFund	3254.2500	-13	*	*
5XFund	4067.8125	-13	*	*
6XFund	4881.3750	-13	*	*
7XFund	5694.9375	-13	*	*
8XFund	6508.5000	-13	*	*
9XFund	7322.0625	-13	*	*
10XFund	8135.6250	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **July 23, 2003**

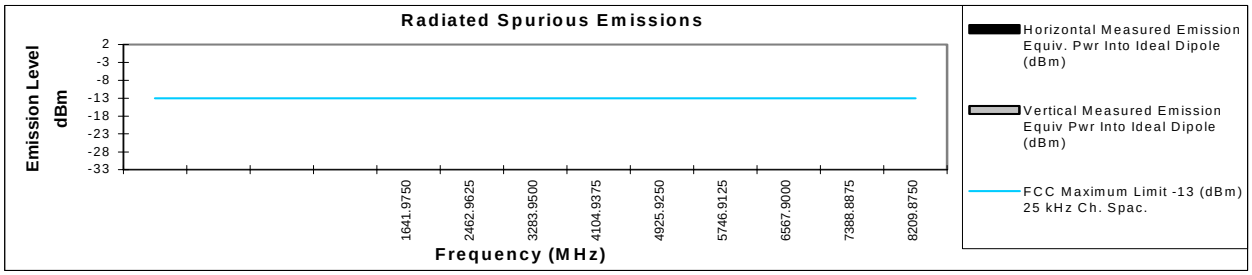
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-25a: Primary PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

820.9875 MHz **Channel Spacing 25kHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1641.9750	-13	*	*
3XFund	2462.9625	-13	*	*
4XFund	3283.9500	-13	*	*
5XFund	4104.9375	-13	*	*
6XFund	4925.9250	-13	*	*
7XFund	5746.9125	-13	*	*
8XFund	6567.9000	-13	*	*
9XFund	7388.8875	-13	*	*
10XFund	8209.8750	-13	*	*

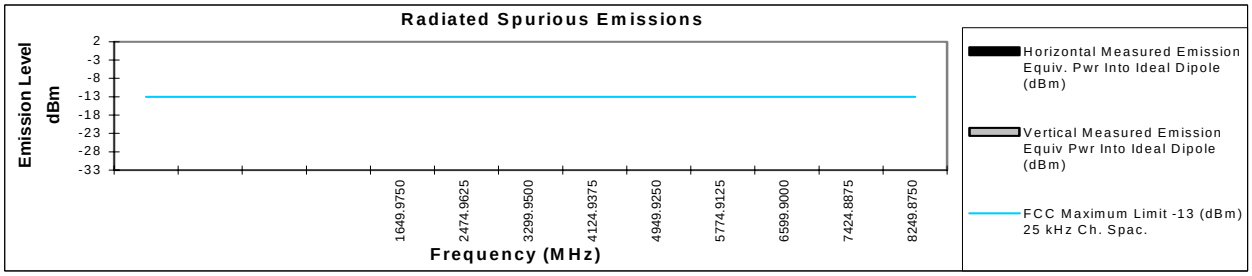


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

824.9875 MHz **Channel Spacing 25kHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1649.9750	-13	*	*
3XFund	2474.9625	-13	*	*
4XFund	3299.9500	-13	*	*
5XFund	4124.9375	-13	*	*
6XFund	4949.9250	-13	*	*
7XFund	5774.9125	-13	*	*
8XFund	6599.9000	-13	*	*
9XFund	7424.8875	-13	*	*
10XFund	8249.8750	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **July 23, 2003**

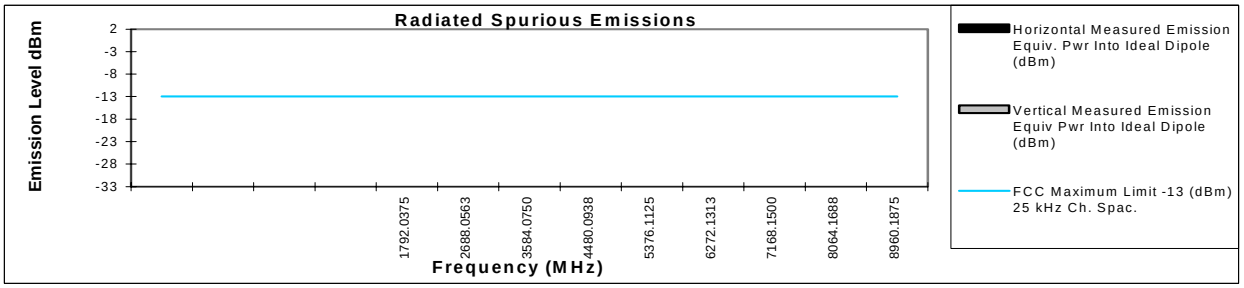
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-25b: Primary PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

896.01875 MHz **Channel Spacing 25kHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1792.0375	-13	*	*
3XFund	2688.0563	-13	*	*
4XFund	3584.0750	-13	*	*
5XFund	4480.0938	-13	*	*
6XFund	5376.1125	-13	*	*
7XFund	6272.1313	-13	*	*
8XFund	7168.1500	-13	*	*
9XFund	8064.1688	-13	*	*
10XFund	8960.1875	-13	*	*

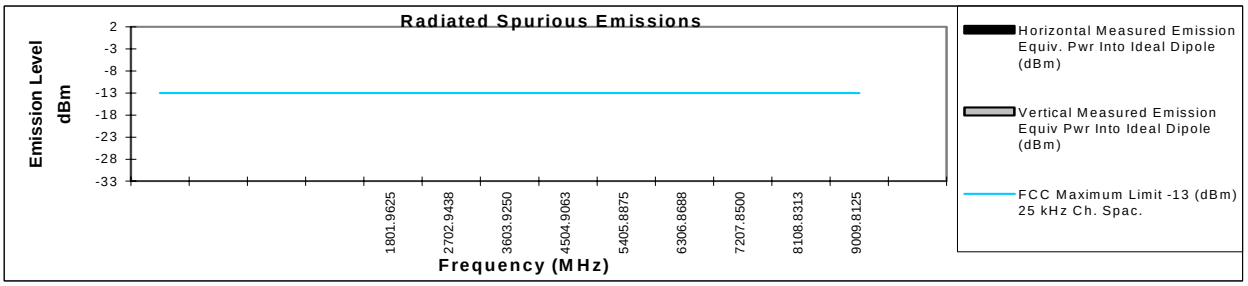


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

900.98125 MHz **Channel Spacing 25kHz S/N 364TDL002X**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1801.9625	-13	*	*
3XFund	2702.9438	-13	*	*
4XFund	3603.9250	-13	*	*
5XFund	4504.9063	-13	*	*
6XFund	5405.8875	-13	*	*
7XFund	6306.8688	-13	*	*
8XFund	7207.8500	-13	*	*
9XFund	8108.8313	-13	*	*
10XFund	9009.8125	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **July 28, 2003**

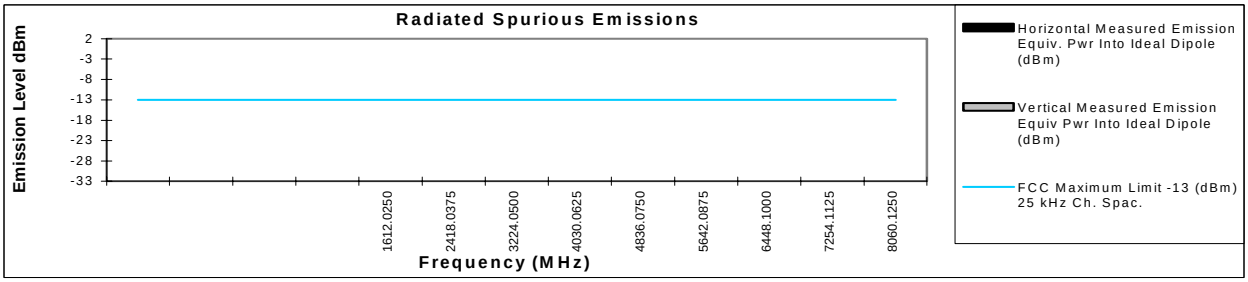
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-26: Primary PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

806.0125 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1612.0250	-13	*	*
3XFund	2418.0375	-13	*	*
4XFund	3224.0500	-13	*	*
5XFund	4030.0625	-13	*	*
6XFund	4836.0750	-13	*	*
7XFund	5642.0875	-13	*	*
8XFund	6448.1000	-13	*	*
9XFund	7254.1125	-13	*	*
10XFund	8060.1250	-13	*	*

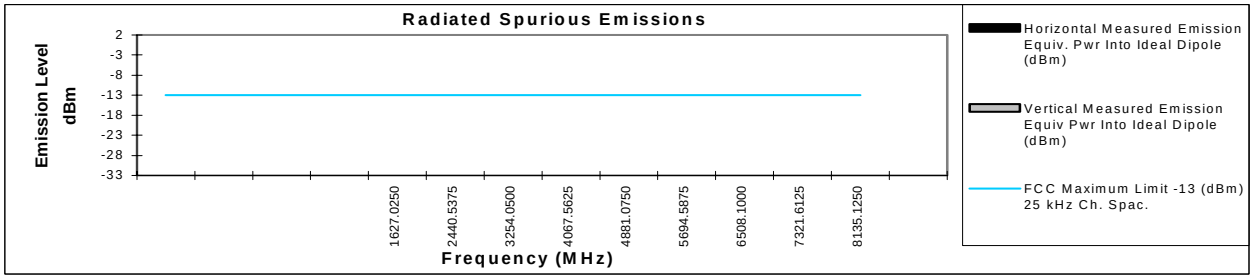


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

813.5125 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1627.0250	-13	*	*
3XFund	2440.5375	-13	*	*
4XFund	3254.0500	-13	*	*
5XFund	4067.5625	-13	*	*
6XFund	4881.0750	-13	*	*
7XFund	5694.5875	-13	*	*
8XFund	6508.1000	-13	*	*
9XFund	7321.6125	-13	*	*
10XFund	8135.1250	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **August 5, 2003**

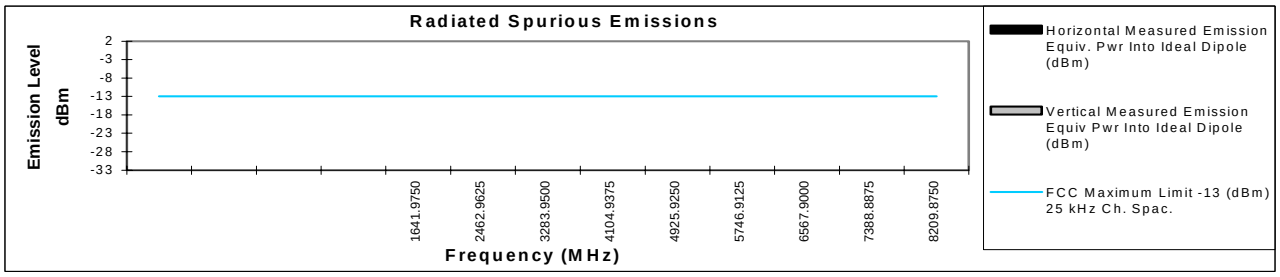
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-27a: Alternate PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

820.9875 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1641.9750	-13	*	*
3XFund	2462.9625	-13	*	*
4XFund	3283.9500	-13	*	*
5XFund	4104.9375	-13	*	*
6XFund	4925.9250	-13	*	*
7XFund	5746.9125	-13	*	*
8XFund	6567.9000	-13	*	*
9XFund	7388.8875	-13	*	*
10XFund	8209.8750	-13	*	*

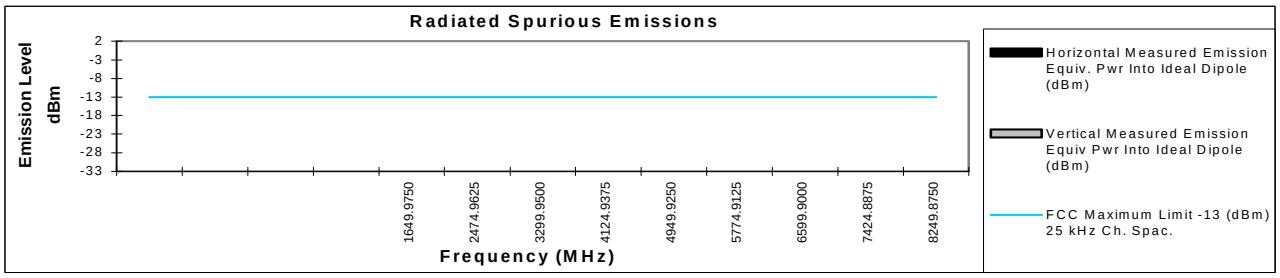


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

824.9875 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1649.9750	-13	*	*
3XFund	2474.9625	-13	*	*
4XFund	3299.9500	-13	*	*
5XFund	4124.9375	-13	*	*
6XFund	4949.9250	-13	*	*
7XFund	5774.9125	-13	*	*
8XFund	6599.9000	-13	*	*
9XFund	7424.8875	-13	*	*
10XFund	8249.8750	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **August 5, 2003**

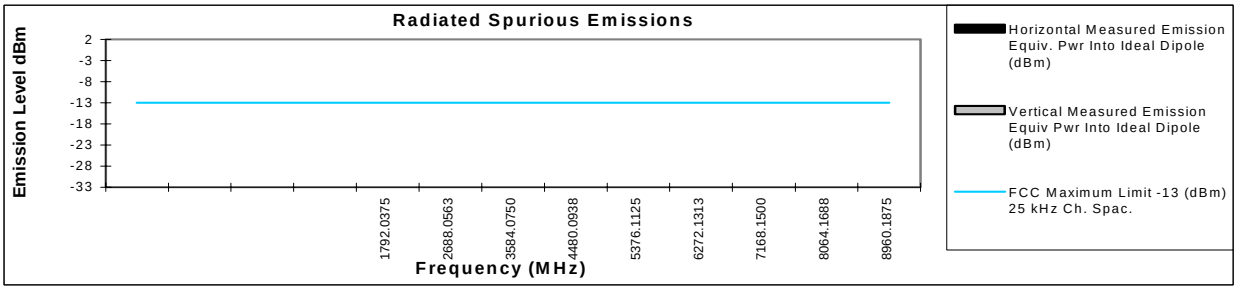
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-27b: Alternate PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

896.01875 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1792.0375	-13	*	*
3XFund	2688.0563	-13	*	*
4XFund	3584.0750	-13	*	*
5XFund	4480.0938	-13	*	*
6XFund	5376.1125	-13	*	*
7XFund	6272.1313	-13	*	*
8XFund	7168.1500	-13	*	*
9XFund	8064.1688	-13	*	*
10XFund	8960.1875	-13	*	*

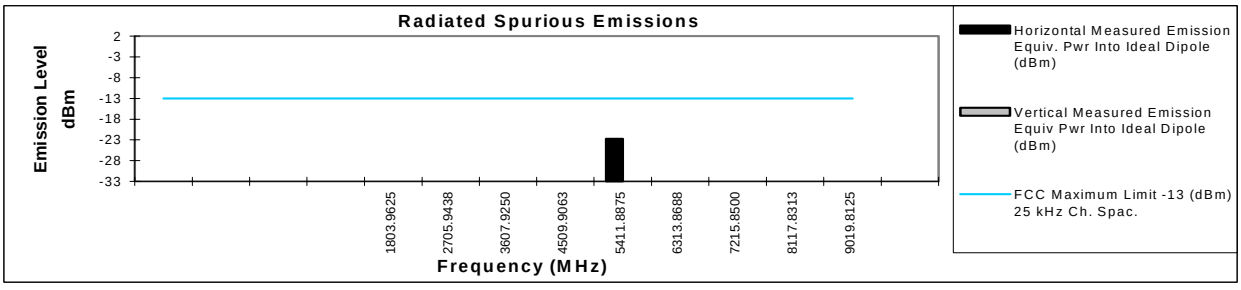


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

901.98125 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1803.9625	-13	*	*
3XFund	2705.9438	-13	*	*
4XFund	3607.9250	-13	*	*
5XFund	4509.9063	-13	*	*
6XFund	5411.8875	-13	-22.77	*
7XFund	6313.8688	-13	*	*
8XFund	7215.8500	-13	*	*
9XFund	8117.8313	-13	*	*
10XFund	9019.8125	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **August 5, 2003**

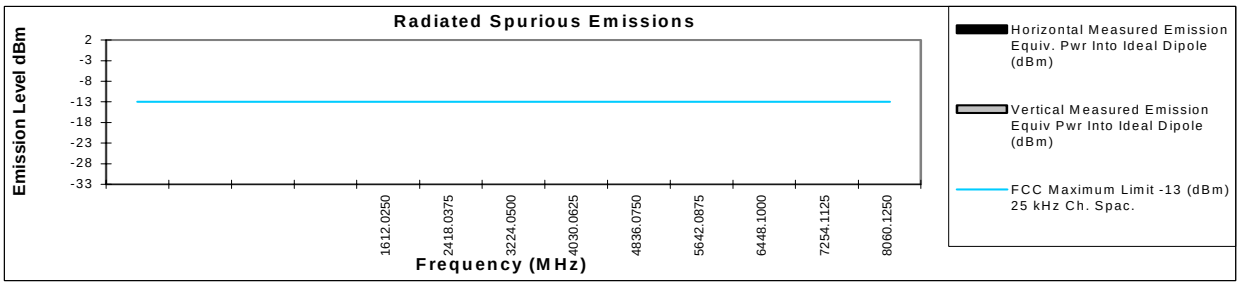
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-28: Alternate PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

806.0125 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1612.0250	-13	*	*
3XFund	2418.0375	-13	*	*
4XFund	3224.0500	-13	*	*
5XFund	4030.0625	-13	*	*
6XFund	4836.0750	-13	*	*
7XFund	5642.0875	-13	*	*
8XFund	6448.1000	-13	*	*
9XFund	7254.1125	-13	*	*
10XFund	8060.1250	-13	*	*

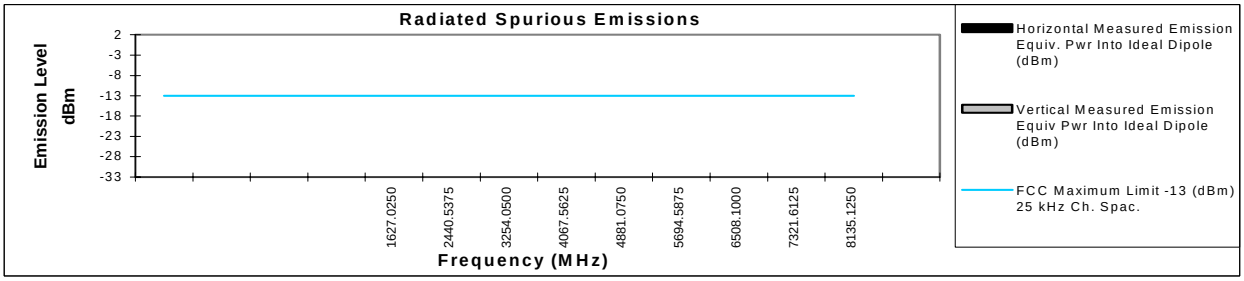


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

813.5125 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1627.0250	-13	*	*
3XFund	2440.5375	-13	*	*
4XFund	3254.0500	-13	*	*
5XFund	4067.5625	-13	*	*
6XFund	4881.0750	-13	*	*
7XFund	5694.5875	-13	*	*
8XFund	6508.1000	-13	*	*
9XFund	7321.6125	-13	*	*
10XFund	8135.1250	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **August 5, 2003**

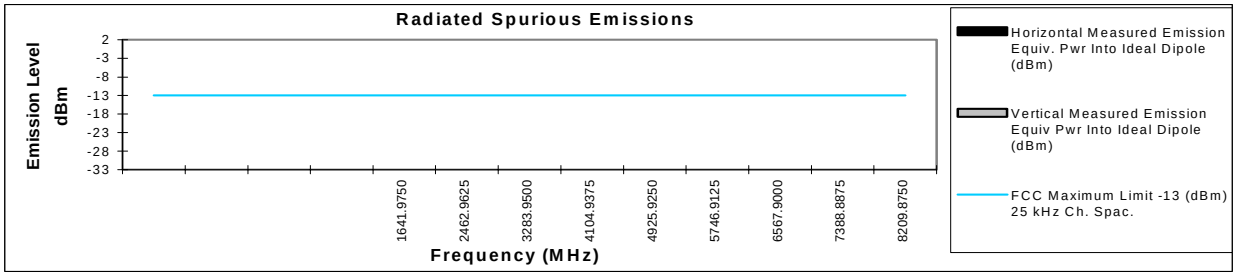
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-29a: Alternate PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

820.9875 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1641.9750	-13	*	*
3XFund	2462.9625	-13	*	*
4XFund	3283.9500	-13	*	*
5XFund	4104.9375	-13	*	*
6XFund	4925.9250	-13	*	*
7XFund	5746.9125	-13	*	*
8XFund	6567.9000	-13	*	*
9XFund	7388.8875	-13	*	*
10XFund	8209.8750	-13	*	*

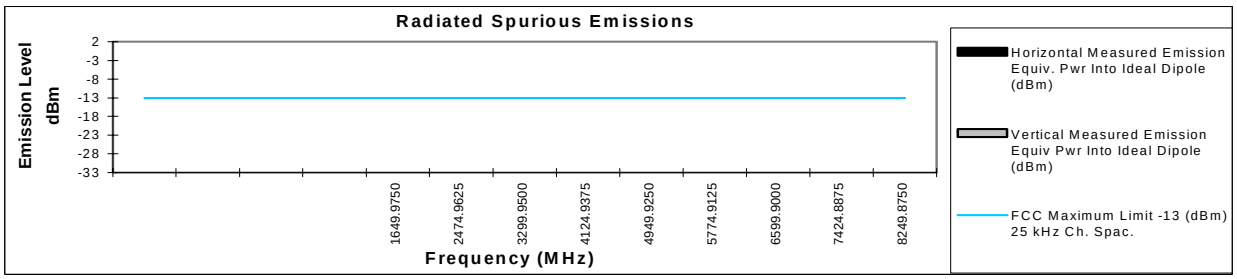


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

824.9875 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1649.9750	-13	*	*
3XFund	2474.9625	-13	*	*
4XFund	3299.9500	-13	*	*
5XFund	4124.9375	-13	*	*
6XFund	4949.9250	-13	*	*
7XFund	5774.9125	-13	*	*
8XFund	6599.9000	-13	*	*
9XFund	7424.8875	-13	*	*
10XFund	8249.8750	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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 **August 5, 2003**

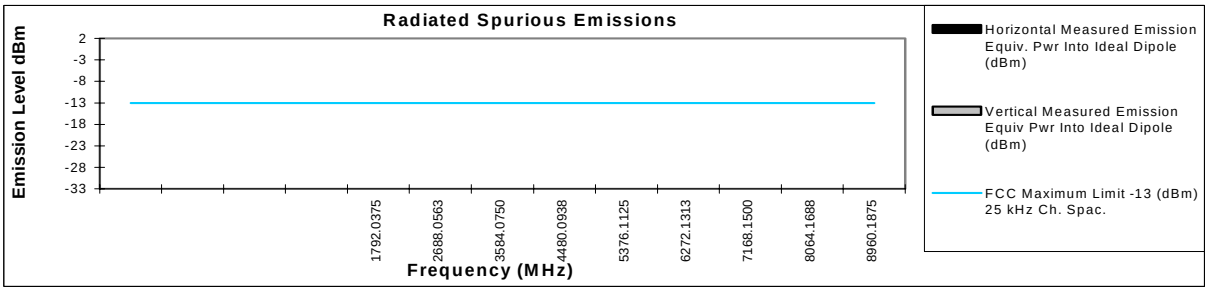
FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-29b: Alternate PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions

Transmitter Radiated Spurious Emissions: i530

896.01875 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1792.0375	-13	*	*
3XFund	2688.0563	-13	*	*
4XFund	3584.0750	-13	*	*
5XFund	4480.0938	-13	*	*
6XFund	5376.1125	-13	*	*
7XFund	6272.1313	-13	*	*
8XFund	7168.1500	-13	*	*
9XFund	8064.1688	-13	*	*
10XFund	8960.1875	-13	*	*

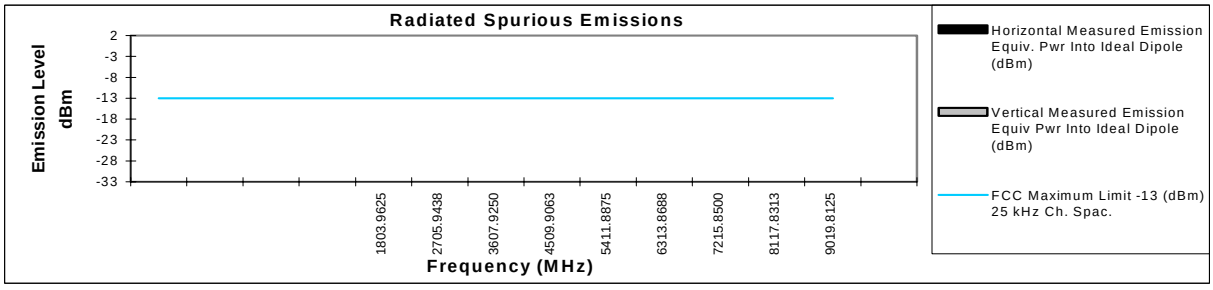


* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: i530

901.98125 MHz **Channel Spacing 25kHz S/N 364YDN001T**

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
		-13		
		-13		
		-13		
		-13		
2XFund	1803.9625	-13	*	*
3XFund	2705.9438	-13	*	*
4XFund	3607.9250	-13	*	*
5XFund	4509.9063	-13	*	*
6XFund	5411.8875	-13	*	*
7XFund	6313.8688	-13	*	*
8XFund	7215.8500	-13	*	*
9XFund	8117.8313	-13	*	*
10XFund	9019.8125	-13	*	*



* Indicates the spurious emission was less than -33dBm or 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: Curt Mc Lennan **August 5, 2003**

FCC Registration: 91932 / Industry Canada: IC3679

Figure 6-30: Alternate PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions