

#### 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.*

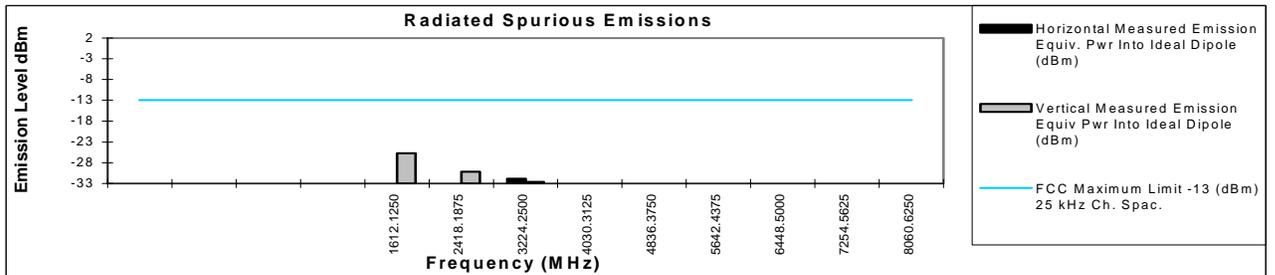
**Transmitter Radiated Spurious Emissions: i285**

**806.0625 MHz**

**Channel Spacing 25KHZ**

**S/N 364VECBFX Y**

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	*	-25.74
3XFund	2418.1875	-13	*	-30.19
4XFund	3224.2500	-13	-31.81	-32.57
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 could not be detected due to noise limitations or ambients.

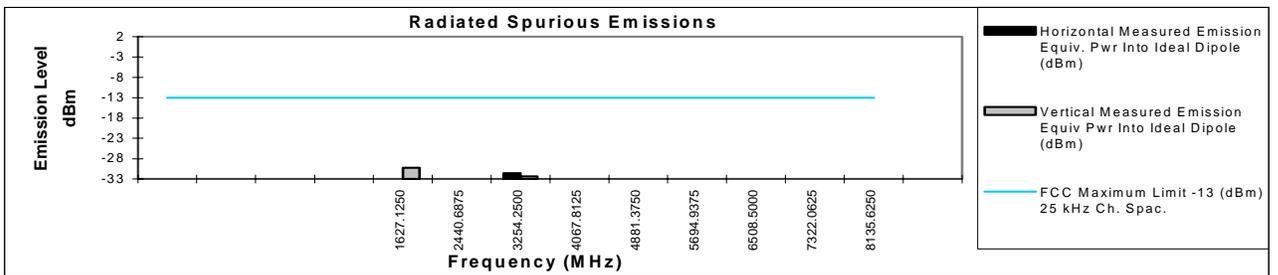
**Transmitter Radiated Spurious Emissions: i285**

**813.5625 MHz**

**Channel Spacing 25KHZ**

**S/N 364VECBFX Y**

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	*	-30.22
3XFund	2440.6875	-13	*	*
4XFund	3254.2500	-13	-31.53	-32.38
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 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: Constantin Belean

March 23, 2004

FCC Registration: 91932 / Industry Canada: IC3679

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

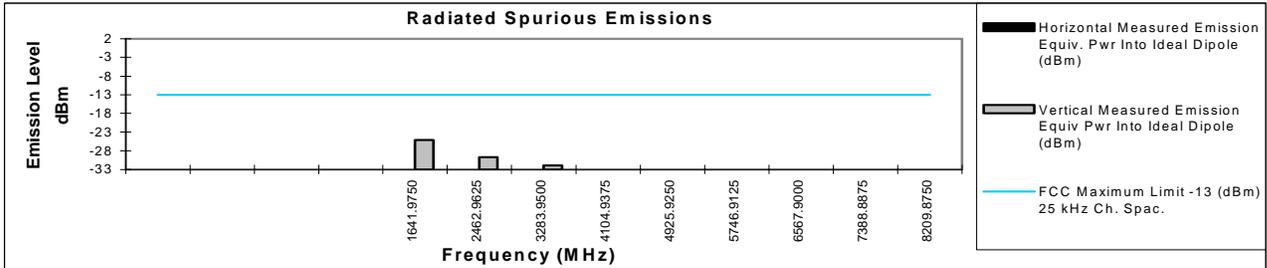
**Transmitter Radiated Spurious Emissions: i285**

**820.9875 MHz**

**Channel Spacing 25KHZ**

**S/N 364VECBFX Y**

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	*	-25.09
3XFund	2462.9625	-13	*	-29.67
4XFund	3283.9500	-13	*	-31.94
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 could not be detected due to noise limitations or ambients.

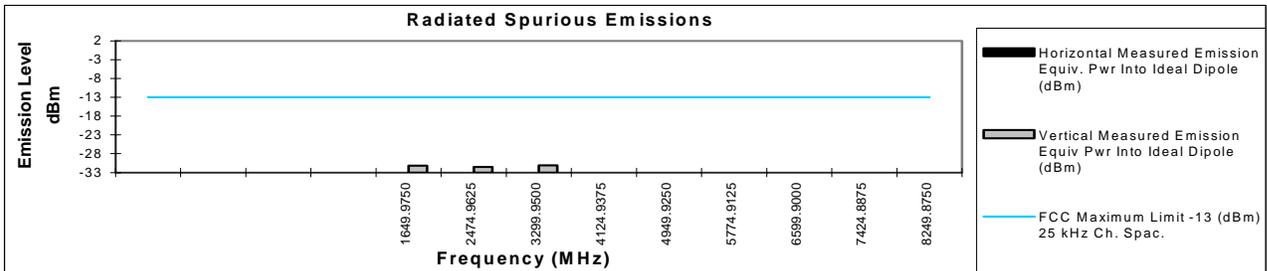
**Transmitter Radiated Spurious Emissions: i285**

**824.9875 MHz**

**Channel Spacing 25KHZ**

**S/N 364VECBFX Y**

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	*	-31.22
3XFund	2474.9625	-13	*	-31.54
4XFund	3299.9500	-13	*	-31.11
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 could not be detected due to noise limitations or ambients.

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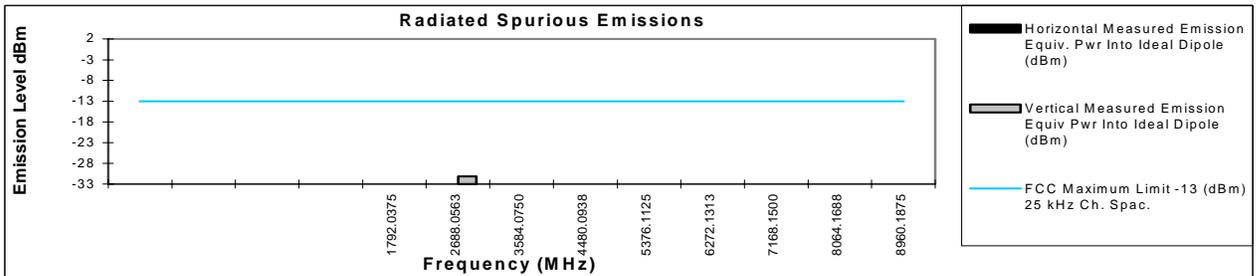
**Figure 6-23b: Primary PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions**

**Transmitter Radiated Spurious Emissions: i285**

**896.01875 MHz**

**Channel Spacing 25KHZ S/N 364VECBFX Y**

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	*	-31.12
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	*	*



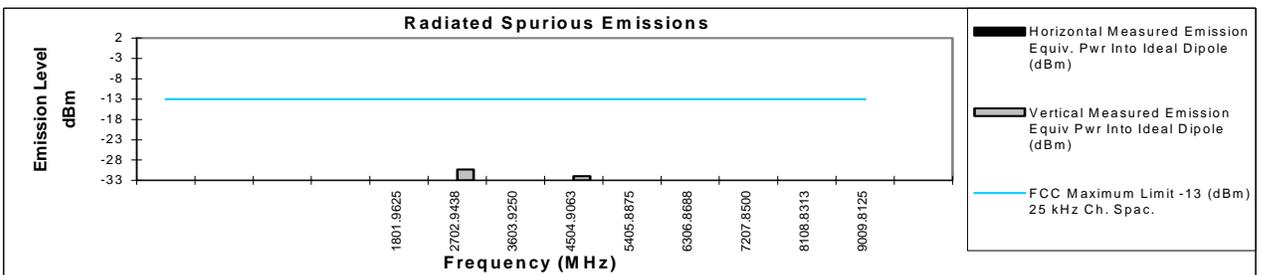
\* Indicates the spurious emission could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

**900.98125 MHz**

**Channel Spacing 25KHZ S/N 364VECBFX Y**

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	*	-30.35
4XFund	3603.9250	-13	*	*
5XFund	4504.9063	-13	*	-31.94
6XFund	5405.8875	-13	*	*
7XFund	6306.8688	-13	*	*
8XFund	7207.8500	-13	*	*
9XFund	8108.8313	-13	*	*
10XFund	9009.8125	-13	*	*



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

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Motorola Plantation EMC Lab – Test Performed by: Constantin Belean

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FCC Registration: 91932 / Industry Canada: IC3679

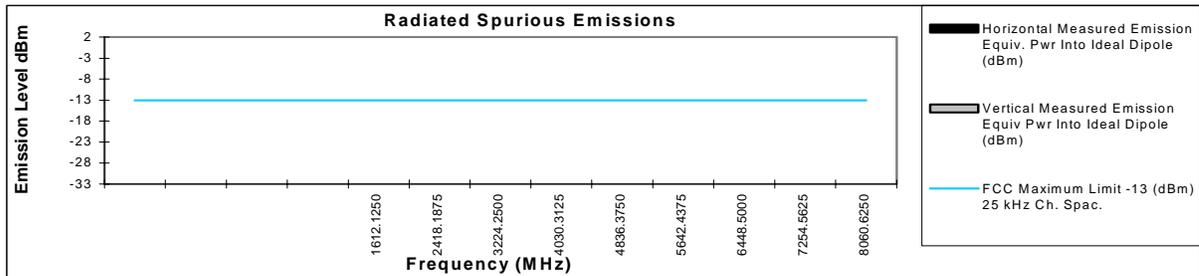
**Figure 6-24: Primary PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions**

**Transmitter Radiated Spurious Emissions: i285**

**806.0625 MHz**

**Channel Spacing 25KHZ S/N 364VECBFX Y**

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	*	*



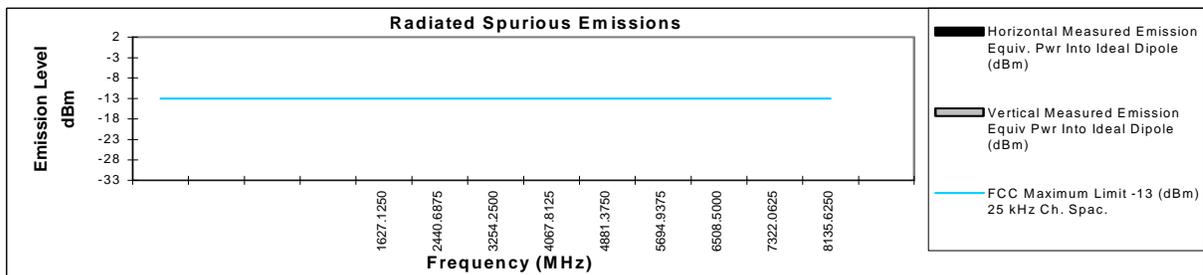
\* Indicates the spurious emission could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

**813.5625 MHz**

**Channel Spacing 25KHZ S/N 364VECBFX Y**

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 could not be detected due to noise limitations or ambients.

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Motorola Plantation EMC Lab – Test Performed by: Constantin Belean

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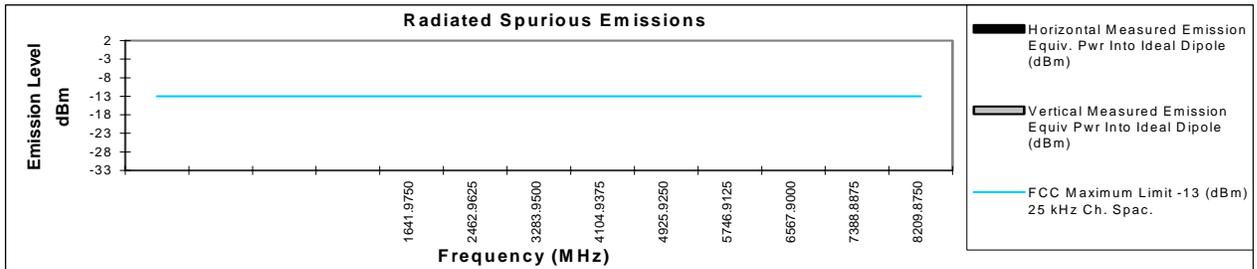
FCC Registration: 91932 / Industry Canada: IC3679

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

**Transmitter Radiated Spurious Emissions: i285**  
**820.9875 MHz**

**Channel Spacing 25KHZ S/N 364VECBFX Y**

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	*	*

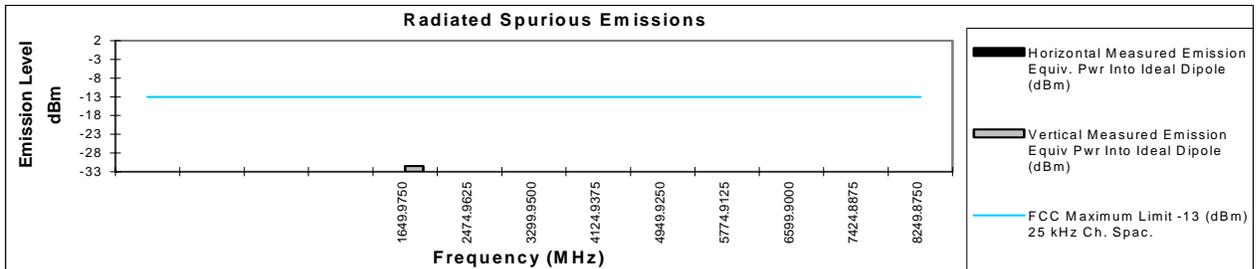


\* Indicates the spurious emission could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**  
**824.9875 MHz**

**Channel Spacing 25KHZ S/N 364VECBFX Y**

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	*	-31.47
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 could not be detected due to noise limitations or ambients.

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Motorola Plantation EMC Lab – Test Performed by: Constantin Belean  
 FCC Registration: 91932 / Industry Canada: IC3679

March 23, 2004

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

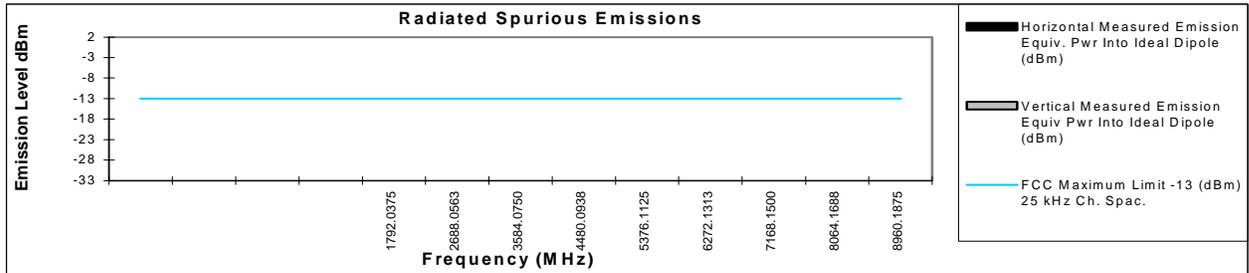
**Transmitter Radiated Spurious Emissions: i285**

**896.01875 MHz**

**Channel Spacing 25KHZ**

**S/N 364VECBFX Y**

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 could not be detected due to noise limitations or ambients.

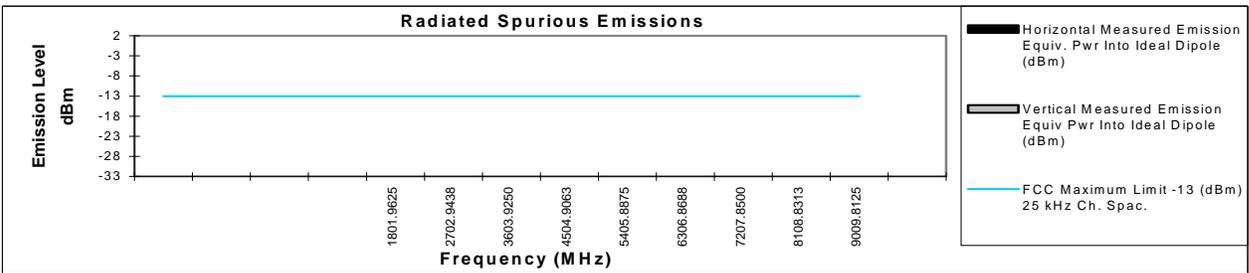
**Transmitter Radiated Spurious Emissions: i285**

**900.98125 MHz**

**Channel Spacing 25KHZ**

**S/N 364VECBFX Y**

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 could not be detected due to noise limitations or ambients.

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Motorola Plantation EMC Lab – Test Performed by: Constantin Belean

March 23, 2004

FCC Registration: 91932 / Industry Canada: IC3679

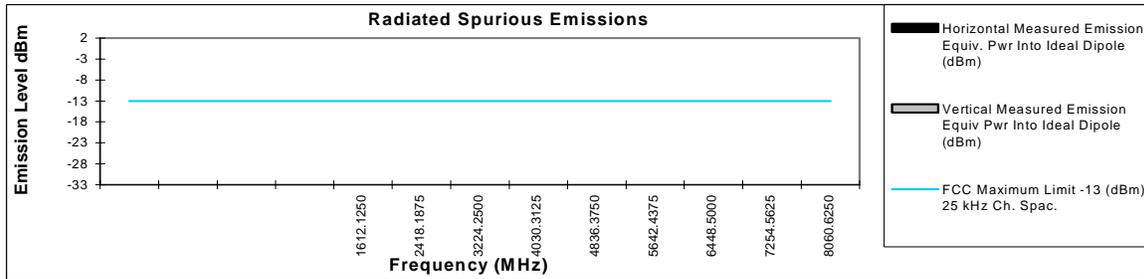
**Figure 6-26: Primary PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions**

**Transmitter Radiated Spurious Emissions: i285**

**806.0625 MHz**

**Channel Spacing 12.5kHz S/N 364AVE1PMO**

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	*	*



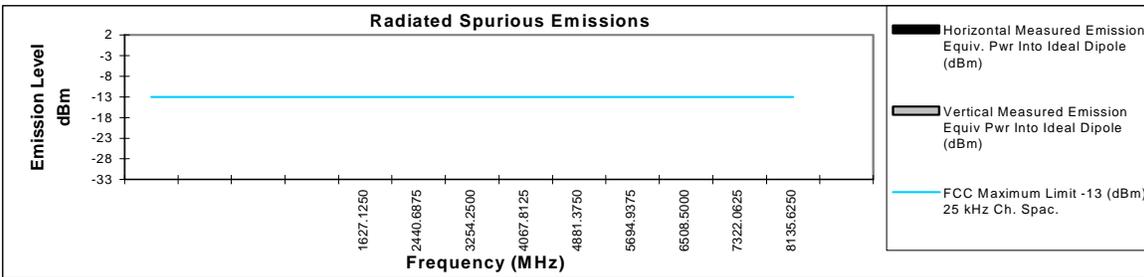
\* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

**813.5625 MHz**

**Channel Spacing 12.5kHz S/N 364AVE1PMO**

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: Curt Mc Lennan

February 3, 2004

FCC Registration: 91932 / Industry Canada: IC3679

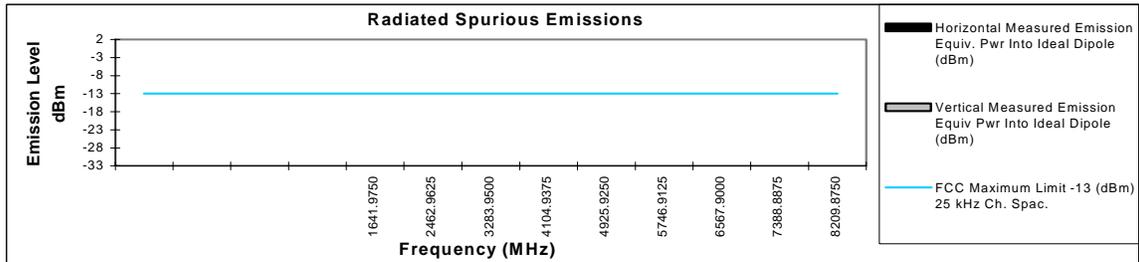
**Figure 6-27a: Alternate PA (U501) Source Maximum Power Setting Transmitter Spurious Emissions**

**Transmitter Radiated Spurious Emissions: i285**

**820.9875 MHz**

**Channel Spacing 12.5kHz S/N 364AVE1PMO**

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	*	*



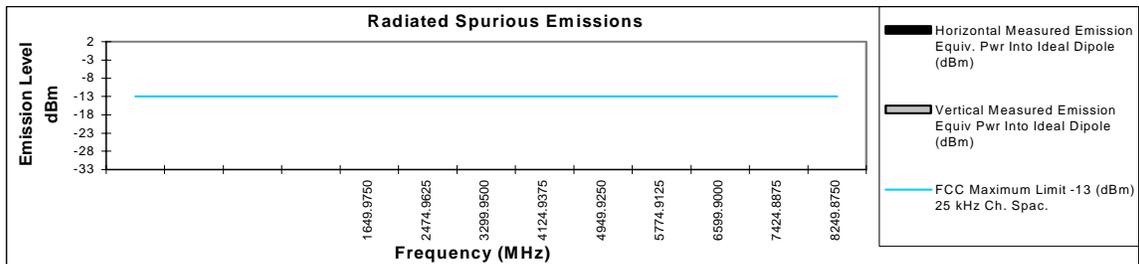
\* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

**824.9875 MHz**

**Channel Spacing 12.5kHz S/N 364AVE1PMO**

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.

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Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan

February 3, 2004

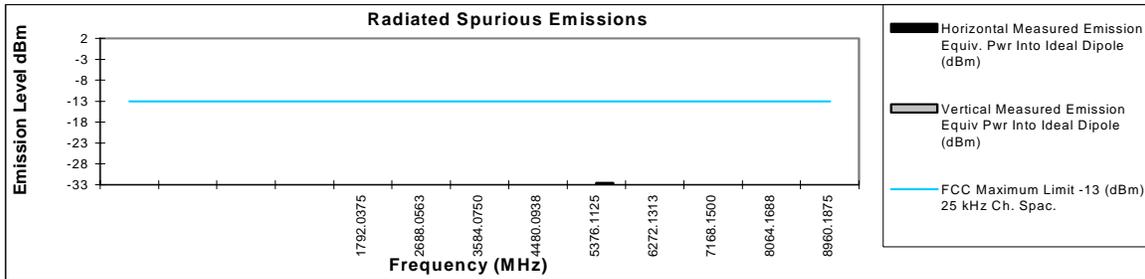
FCC Registration: 91932 / Industry Canada: IC3679

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

**Transmitter Radiated Spurious Emissions: i285**

**896.01875 MHz Channel Spacing 12.5kHz S/N 364AVE1PMO**

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	*	-32.48
7XFund	6272.1313	-13	*	*
8XFund	7168.1500	-13	*	*
9XFund	8064.1688	-13	*	*
10XFund	8960.1875	-13	*	*

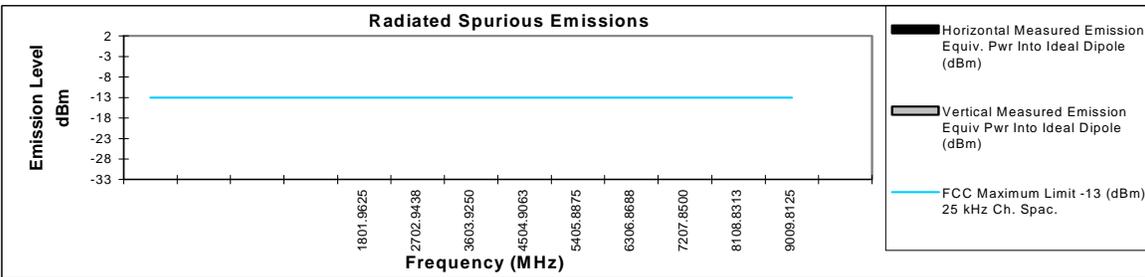


\* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

**900.98125 MHz Channel Spacing 12.5kHz S/N 364AVE1PMO**

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.

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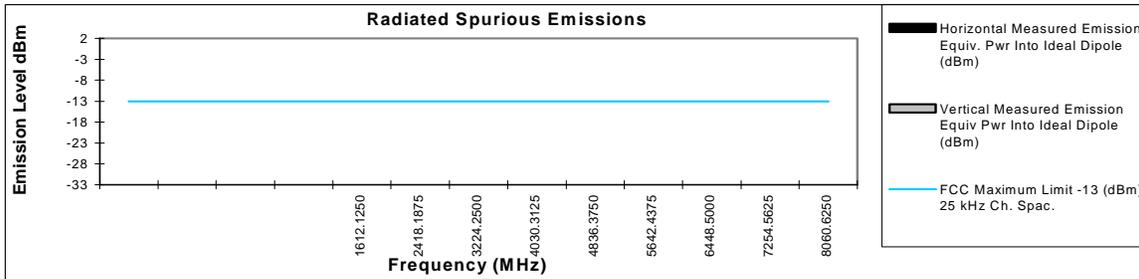
FCC Registration: 91932 / Industry Canada: IC3679

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

**Transmitter Radiated Spurious Emissions: i285**

**806.0625 MHz Channel Spacing 12.5kHz S/N 364AVE1PMO**

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	*	*

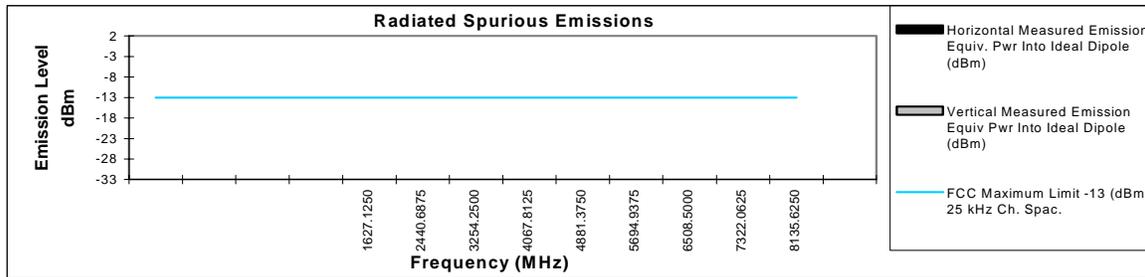


\* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

**813.5625 MHz Channel Spacing 12.5kHz S/N 364AVE1PMO**

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: Curt Mc Lennan

February 3, 2004

FCC Registration: 91932 / Industry Canada: IC3679

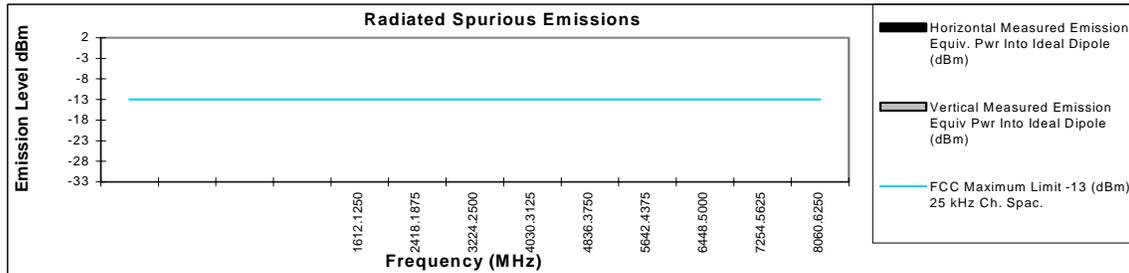
**Figure 6-29a: Alternate PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions**

**Transmitter Radiated Spurious Emissions: i285**

**806.0625 MHz**

**Channel Spacing 12.5kHz S/N 364AVE1PMO**

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	*	*



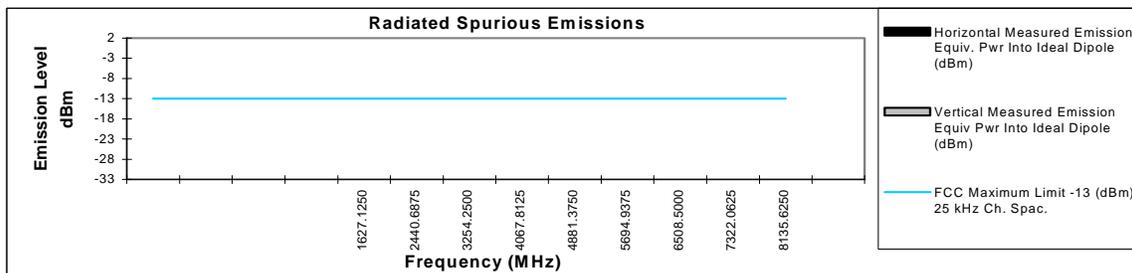
\* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

**813.5625 MHz**

**Channel Spacing 12.5kHz S/N 364AVE1PMO**

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: Curt Mc Lennan

February 3, 2004

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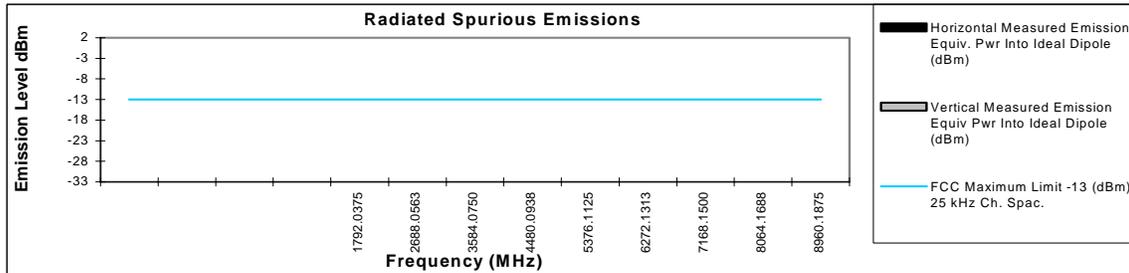
**Figure 6-29b: Alternate PA (U501) Source Minimum Power Setting Transmitter Spurious Emissions**

**Transmitter Radiated Spurious Emissions: i285**

896.01875 MHz

Channel Spacing 12.5kHz S/N 364AVE1PMO

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	*	*



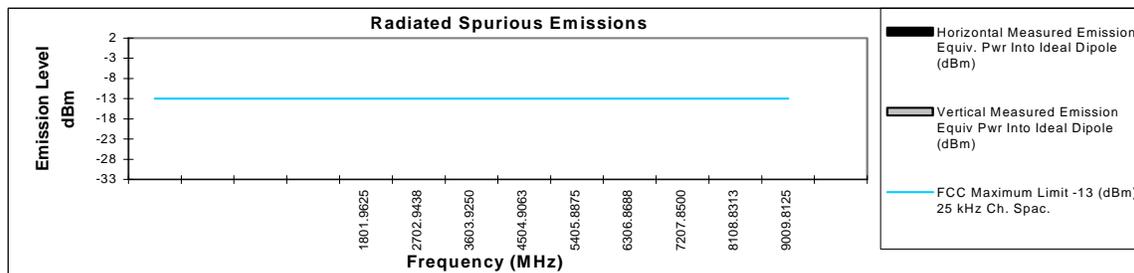
\* Indicates the spurious emission was less than -33dBm or could not be detected due to noise limitations or ambients.

**Transmitter Radiated Spurious Emissions: i285**

900.98125 MHz

Channel Spacing 12.5kHz S/N 364AVE1PMO

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: Curt Mc Lennan

February 3, 2004

FCC Registration: 91932 / Industry Canada: IC3679

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