#### **INDEX OF SUBMITTED MEASURED DATA**

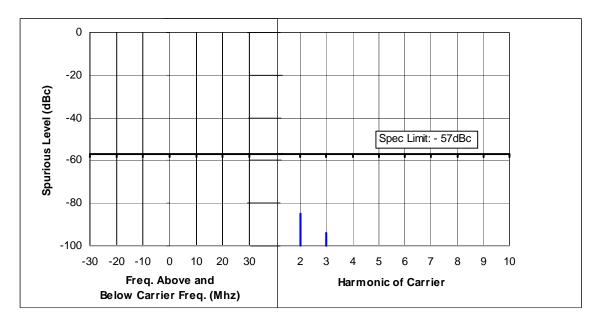
#### EXHIBIT 6F (Revised) – Conducted Spurious Emissions (12 Graphs):

```
6F-1: Hi-Power, 136.0125 MHz, 12.5 kHz Channel Spacing 6F-2: Hi-Power, 149.0125 MHz, 12.5 kHz Channel Spacing 6F-3: Hi-Power, 161.9875 MHz, 12.5 kHz Channel Spacing 6F-4: Hi-Power, 136.0125 MHz, 25 kHz Channel Spacing 6F-5: Hi-Power, 149.0125 MHz, 25 kHz Channel Spacing 6F-6: Hi-Power, 161.9875 MHz, 25 kHz Channel Spacing 6F-7: Lo-Power, 136.0125 MHz, 12.5 kHz Channel Spacing 6F-8: Lo-Power, 149.0125 MHz, 12.5 kHz Channel Spacing 6F-9: Lo-Power, 161.9875 MHz, 12.5 kHz Channel Spacing 6F-10: Lo-Power, 136.0125 MHz, 25 kHz Channel Spacing 6F-11: Lo-Power, 149.0125 MHz, 25 kHz Channel Spacing 6F-11: Lo-Power, 161.9875 MHz, 25 kHz Channel Spacing 6F-12: Lo-Power, 161.9875 MHz, 25 kHz Channel Spacing 6F-12: Lo-Power, 161.9875 MHz, 25 kHz Channel Spacing
```

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

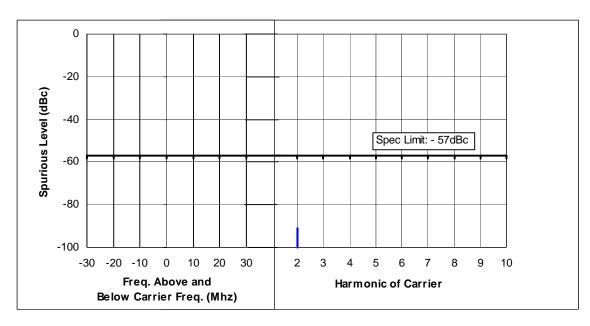
```
6G-1: Hi-Power, 136.0125 MHz, 25 kHz Channel Spacing & Hi-Power, 149.0125 MHz, 25 kHz Channel Spacing
6G-2: Hi-Power, 161.9875 MHz, 25 kHz Channel Spacing
6G-3: Lo-Power, 136.0125 MHz, 25 kHz Channel Spacing & Lo-Power, 149.0125 MHz, 25 kHz Channel Spacing
6G-4: Lo-Power, 161.9875 MHz, 25 kHz Channel Spacing
6G-5: Hi-Power, 136.0125 MHz, 12.5 kHz Channel Spacing & Hi-Power, 149.0125 MHz, 12.5 kHz Channel Spacing
6G-6: Hi-Power, 161.9875 MHz, 12.5 kHz Channel Spacing & Lo-Power, 149.0125 MHz, 12.5 kHz Channel Spacing & Lo-Power, 149.0125 MHz, 12.5 kHz Channel Spacing
6G-8: Lo-Power, 161.9875 MHz, 12.5 kHz Channel Spacing
```

# 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 50dB below the limit

Figure 6F-1: Hi-Power, 136.0125 MHz, 12.5 kHz Channel Spacing



Note: Other emissions not reported were more than 50dB below the limit

Figure 6F-2: Hi-Power, 149.0125 MHz, 12.5 kHz Channel Spacing

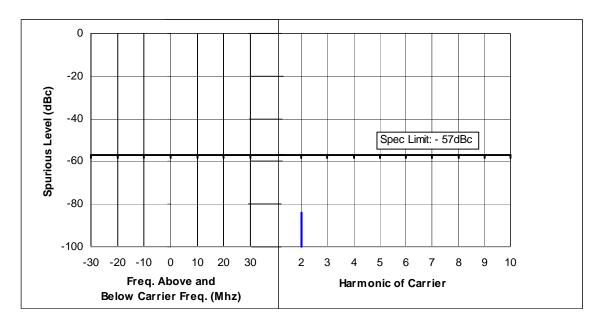
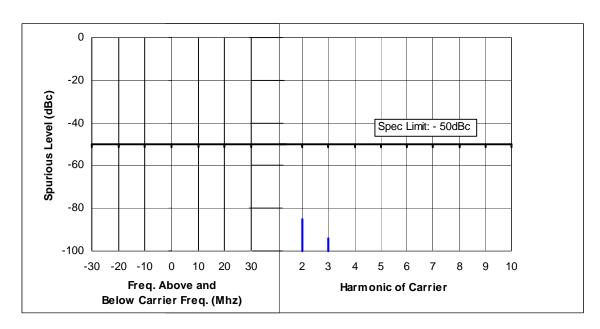


Figure 6F-3: Hi-Power, 161.9875 MHz, 12.5 kHz Channel Spacing



Note: Other emissions not reported were more than 50dB below the limit

Figure 6F-4: Hi-Power, 136.0125 MHz, 25 kHz Channel Spacing

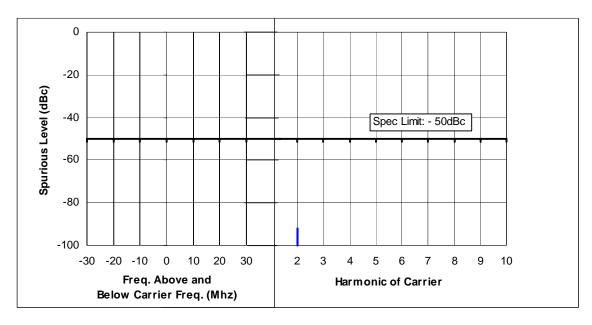
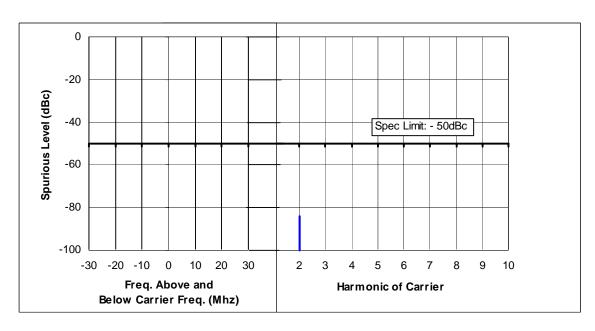


Figure 6F-5: Hi-Power, 149.0125 MHz, 25 kHz Channel Spacing



Note: Other emissions not reported were more than 50dB below the limit

Figure 6F-6: Hi-Power, 161.9875 MHz, 25 kHz Channel Spacing

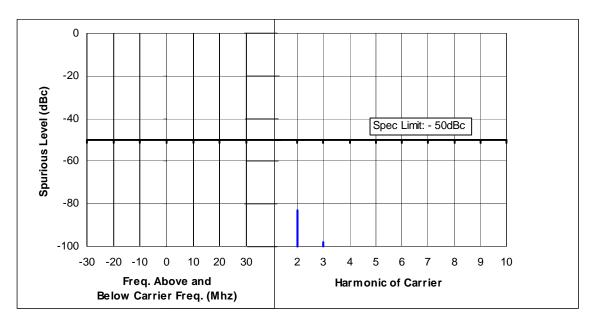
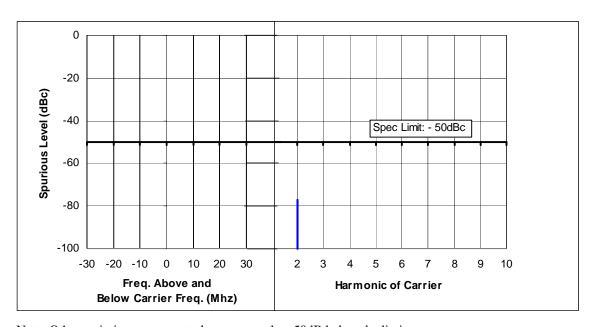


Figure 6F-7: Lo-Power, 136.0125 MHz, 12.5 kHz Channel Spacing



Note: Other emissions not reported were more than 50dB below the limit

Figure 6F-8: Lo-Power, 149.0125 MHz, 12.5 kHz Channel Spacing

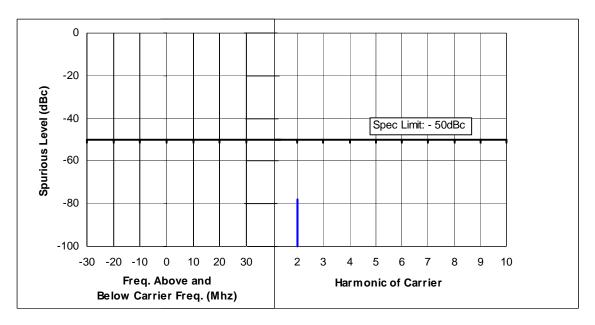
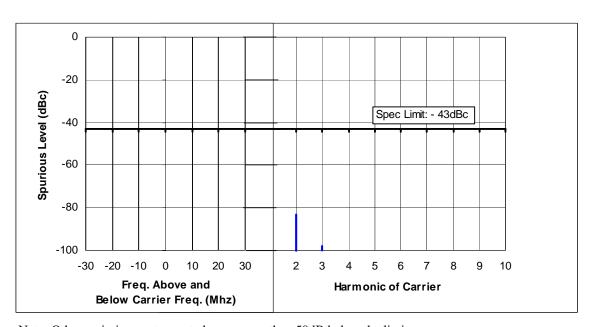


Figure 6F-9: Lo-Power, 161.9875 MHz, 12.5 kHz Channel Spacing



Note: Other emissions not reported were more than 50dB below the limit

Figure 6F-10: Lo-Power, 136.0125 MHz, 25 kHz Channel Spacing

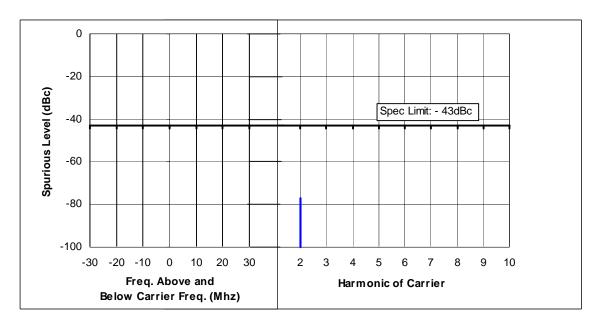
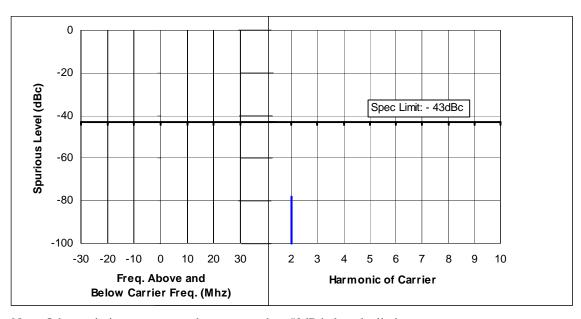


Figure 6F-11: Lo-Power, 149.0125 MHz, 25 kHz Channel Spacing



Note: Other emissions not reported were more than 50dB below the limit

Figure 6F-12: Lo-Power, 161.9875 MHz, 25 kHz Channel Spacing

**Exhibit 6-G (Revised)** 

Motorola inc.

Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

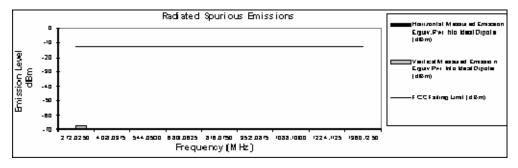
## Transmit Radiated Spurious Emissions: ELP EPP VHF R1

FCC ID:ABZ99FT 3039

Tx Power: 5.8 Watts

138.0125 MHz	Channel Spacing 25kHz   S/N PGYC100V
--------------	--------------------------------------

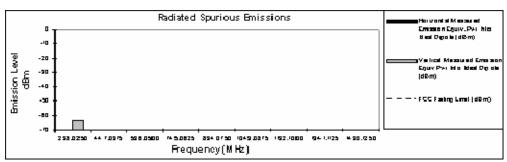
Frequency (MHz)	FCC Failing Limit (d Bm)	Horizontal Measured Emission Equiv. Pwr Into Heal Opole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (d Bm)
272.0250	-13	*	-67.27
408.0375	-13	-78.49	*
644.0500	-13	*	×
680.0625	-13	-71.83	×
816.0750	-13	*	*
952,0875	-13	*	×
1088.1000	-13	*	×
1224.1125	-13	-	R
1360,1250	-13	*	*



### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 5.8 Watts

149.0125 MHz		Channel Spaci	ing 25kHz   S/N PGYC100V
Frequency (MHz)	FCC Failing Limit (d Bm)	Horizontal Measured Emission Equiv. Pwr Into Heal Opole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (d Bm)
298.0250	-13	-75.57	-63,40
447.0375	-13	×	×
596,0500	-13	-78.55	×
745.0625	-13	-76.21	*
894.0750	-13	R	W
1043.0875	-13	×	*
1192.1000	-13	*	*
1341.1125	-13	Z Z	x
1490.1250	-13	7	×



 $<sup>^{\</sup>star}$  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: Curt Mc Lennan FCC Registration: 91932 / Industry Canada: IC3679

March 23, 2005

6G-1: Hi-Power, 136.0125 MHz, 25 kHz Channel Spacing

#### & Hi-Power, 149.0125 MHz, 25 kHz Channel Spacing

#### Motorola inc. FCC ID:AB Z99FT 3039 Transmit Radiated Spurious Emissions: ELP EPP VHF R1 161.9875 MHz Channel Spacing 25kHz | S/N PGYC100V Horizontal Measured Emission Vertical Measured Emission FCC Failing Limit (dBm) Equiv. Pur Into Ideal Dipole Frequency (MHz) Equiv Pwr hto Beal Opole (dBm) (dBm) 323.9750 <u>-68.15</u> 485,9625 647,9500 809,9375 971,9250 1 133,9125 1 295,9000 1 457 8875 1 619 8750 Radiated Spurious Emissions Eguw.P+s Into Ideal Dipole (d 8-m) -20 Emission Level gV m lical **Missou ed Emasi**on Eguw Pwi hlo **Masi** Digola (d Bm) -90 æ -FCC Failing Limit (dBm)

929.9750 | 435.9825 | 647.9500 | 309.9975 | 97.9250 | 1199.9125 | 1295.9000 | 457.9975 | 199.9750 | Frequency (MHz)

Motorola Plantation EMC Lab ?Test Performed by: Curt Mo Lennan FCC Registration: 91932 / Industry Canada: IC 3679

March 23, 2005

6G-2: Hi-Power, 161.9875 MHz, 25 kHz Channel Spacing

<sup>\*</sup> 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-803 document.

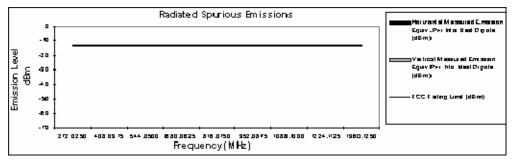
#### Motorola Inc. FCC ID:ABZ99FT 3039

#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 1 Watts

136.0125 MHz Channel Spacing 25kHz | S/N PGYC100V

Frequency (MHk)	FCC Failing Limit (dBm)	Horizontal Measured Effission Equiv. Pw r hto Heal Opole (dBm)	Vertical Measured Emission Equiv Pw r hto Ideal Dipole (dBm)
272 .0250	-13	-76.73	-70.26
408 .0375	-13	-79.82	*
544.0500	-13	×	×
680 .0625	-13	-72.19	*
816.0750	-13	-76.74	*
952 .0875	-13	-78.78	×
1088.1000	-13	×	*
1224.1125	-13	×	×
1360.1250	-13	*	*



#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

FCC Failing Limit (dBm)

Tx Power: 1 Watts

149.0125 MHz	
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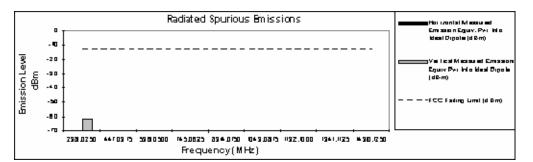
Frequency (MHz)

298 .0250 447 .0375 596 .0500 746 .0625

894.0750 1043.0875 1192.1000 1341.1125 1490.1250

Horizontal Measured Etrission Equiv. Pw r hto Beal Opole (dBm)	Vertioal Measured Emission Equiv Pw r hto Ideal Dipole (dBm)
x	-61.67
×	×
-78.40	Ħ
-74.16	*
X	2

Channel Spacing 25kHz | S/N PGYC100V



 $<sup>^{\</sup>rm x}$  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-803 document.

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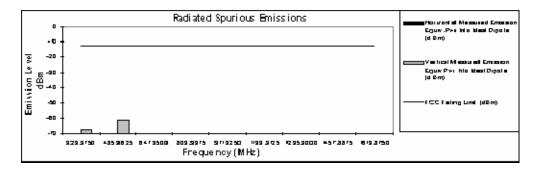
6G-3: Lo-Power, 136.0125 MHz, 25 kHz Channel Spacing & Lo-Power, 149.0125 MHz, 25 kHz Channel Spacing

#### Motorola Inc. FCC ID:AB Z99FT 3039

#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 1 Watts

	161.9875 MHZ		Channel Spaci	ng 25kHz   S/N PGYC100Y
	Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr hto Beal Opole (dBm)
ı	323.9750	- 13	*	-67.61
ı	485.9625	- 13	П	-50.62
ı	647.9500	- 13	-75.36	π
ı	809.9376	- 13	-73.96	π
ı	971.9250	- 13	-73 <i>5</i> 7	×
	1 133,9125	- 13	×	×
ı	1 295,9000	- 13	×	×
ı	1 467 8875	- 13	×	π.
	1 019,8750	• 13	×	T.



Motorola Plantation EMC Lab ?Test Performed by: Curt Mo Lennan

March 23, 2005

FCC Registration: 91932 / Industry Canada: IC3679

6G-4: Lo-Power, 161.9875 MHz, 25 kHz Channel Spacing

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

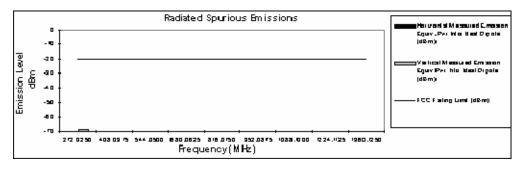
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

#### Motorola inc. FCC ID:ABZ99FT3039

#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 5.8 Watts

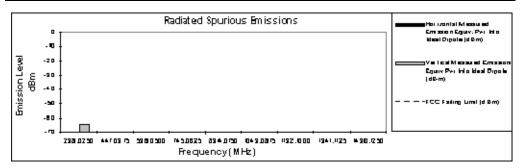
136.0125 MHz		Channel Spacin	g 12.5kHz   S/N PGYC100V
Frequency (MHz)	FCC Falling Limit (dBm)	Horizontal Measured Errission Equiv. Pw r hto Beal Opole (dBm)	Vertical Measured Errission Equiv Pw r hto Ideal Dipole (dBm)
272 .0250	-20	-74.38	-68.39
408 .0376	-20	-79.17	×
644.0600	-20	×	×
680 .0625	-20	-74,49	*
816.0750	-20	*	*
952,0875	-20	×	*
1088.1000	-20		<b>T</b>
1224.1125	-20	Ħ	7
1360.1260	-20	×	×



#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 5.8 Watts

149.0125 MHz		Channel Spacin	g 12.5kHz   S/N PGYC100V
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Etrission Equiv. Pwr hto Beal Opole (dBm)	Vertical Measured Emission Equiv Pw r hto Ideal Dipole (dBm)
298 .0250	-20	-76.53	-64.54
447.0375	-20	-81.92	*
596,0500	-20	-78.27	×
745 .0625	-20	-76.10	7
894.0750	-20	H	R
1043.0876	-20	×	7
1192,1000	-20	x	X
1341.1125	-20	×	7
1490.1250	-20	×	×



 $^{\star}$  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: Curt Mc Lennan

March 23, 2005

FCC Registration: 91932 / Industry Canada: IC3679

6G-5: Hi-Power, 136.0125 MHz, 12.5 kHz Channel Spacing

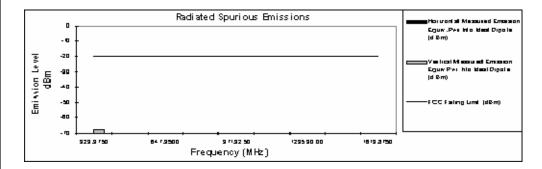
#### & Hi-Power, 149.0125 MHz, 12.5 kHz Channel Spacing

# Motorola Inc. FCC ID:AB Z99FT 3039

#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 5.8 Watts

161.9875 MHz		Channel Spacin	g 12.5kHz   S/N PGYC100V
Frequency (MHz)	FCC Falling Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Opole (dBm)	Vertical Measured Emission Equity Purn to Beal Opole (dBm)
323.9750	-20	N N	-67 .56
486.9626	-20	×	×
647.9500	-20	-71.84	莱
809.9375	-20	-75 27	<b>x</b>
971.9250	-20	-73.86	Æ
1 133 9 125	-20	×	*
1 295,9000	- 20		•
1 457.8875	-20	×	=
1 619.8750	-20	*	×



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

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6G-6: Hi-Power, 161.9875 MHz, 12.5 kHz Channel Spacing

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

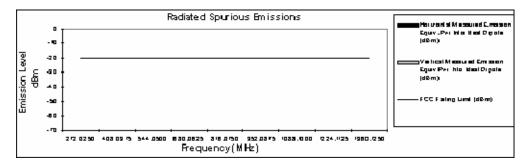
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

#### Motorola Inc. FCC ID:ABZ99FT 3039

#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 1 Watts

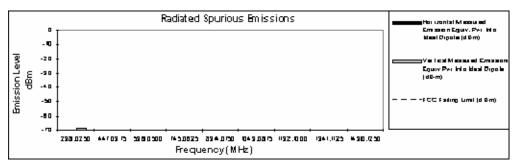
136.0125 MHz	Channel Spacing 12.5kHz   S/N PGYC100V		
Frequency (Ivil-tr)	FCC Falling Limit (dBm)	Horizontal Measured Errission Equiv. Pw r hto deal Opole (dBm)	Vertical Measured Emission Equiv Pw r hto Ideal Dipole (dBm)
272 .0250	-20	-78.15	-71.46
408 .0376	-20	-81.69	×
644.0600	-20	×	×
680,0625	-20	-74.14	×
816,0750	-20	*	×
952.0875	-20	*	×
1088.1000	-20	7	R.
1224.1125	-20	Ħ	H
1280 1260	_90	*	X



#### Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 1 Watts

149.0125 MHz		Channel Spacin	g 12.5kHz   S/N PGYC100V
Frequency (MHz )	FCC Failing Limit (dBm)	Horizontal Measured Errission Equiv. Pw r hto Beal Opole (dBm)	Vertical Measured Emission Equiv Pw r hto Ideal Cipole (dBm)
298 .0250	-20	-76.73	-68.77
447.0375	-20	×	×
596,0500	-20	-79.54	×
745 .0625	-20	-76.76	*
894.0750	-20		M
1043.0876	-20	*	×
1192,1000	-20	x	x
1341.1125	-20	*	*
1490.1250	-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.

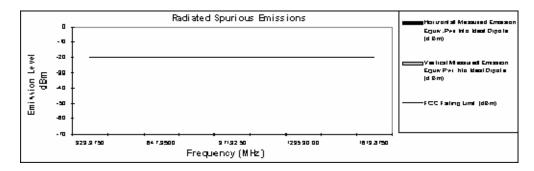
Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan FCC Registration: 91932 / Industry Canada: IC3679

March 23, 2005

6G-7: Lo-Power, 136.0125 MHz, 12.5 kHz Channel Spacing

#### & Lo-Power, 149.0125 MHz, 12.5 kHz Channel Spacing

#### Motorola inc. FCC ID:AB Z99FT 3039 Transmit Radiated Spurious Emissions: ELP EPP VHF R1 Tx Power: 1 Watts 161.9875 MHz Channel Spacing 12.5kHz | S/N PGYC100V Horizontal Measured Emission Vertical Measured Emission Equiv. Pwr Into Ideal Dipole Frequency (MHz) FCC Falling Limit (dBm) Equiv Pw r hto Beal Opole (dBm) (dBm) 323.9750 485.9625 647.9500 -76 A3 809.9375 971.9250 1.133.9.125 1.295.9000 -74.38



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

March 23, 2005

FCC Registration: 91932 / Industry Canada: IC3679

6G-8: Lo-Power, 161.9875 MHz, 12.5 kHz Channel Spacing

<sup>\*</sup> 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.