

INDEX OF SUBMITTED MEASURED DATA

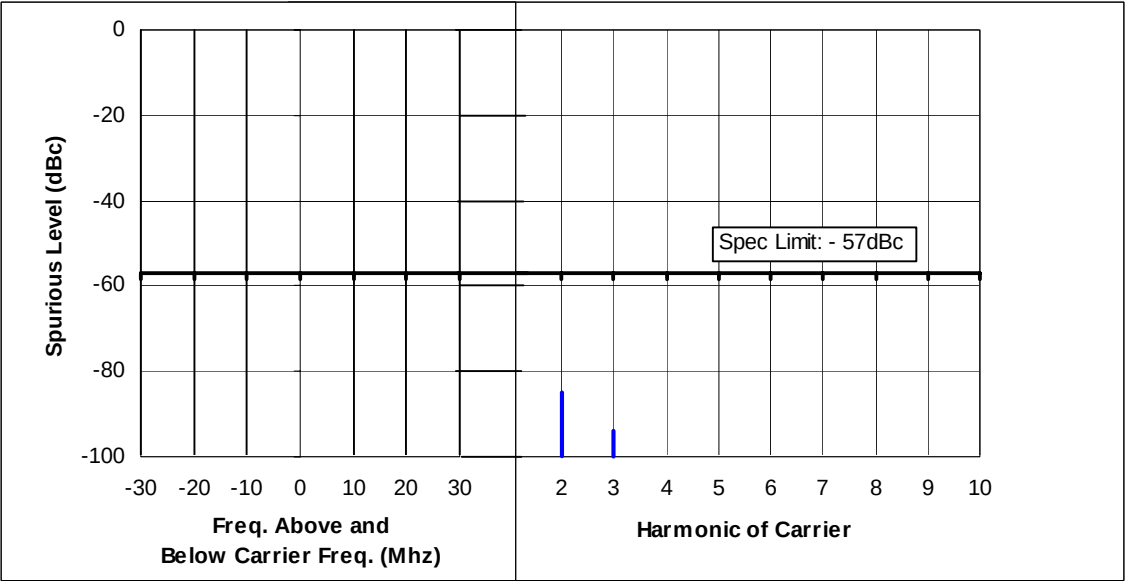
EXHIBIT 6F (Revised) – Conducted Spurious Emissions (12 Graphs):

6F-1: Hi-Power, 136.0125 MHz, 12.5 kHz Channel Spacing
6F-2: Hi-Power, 149.0125 MHz, 12.5 kHz Channel Spacing
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EXHIBIT 6G (Revised) – Radiated Spurious Emissions (12 Graphs):

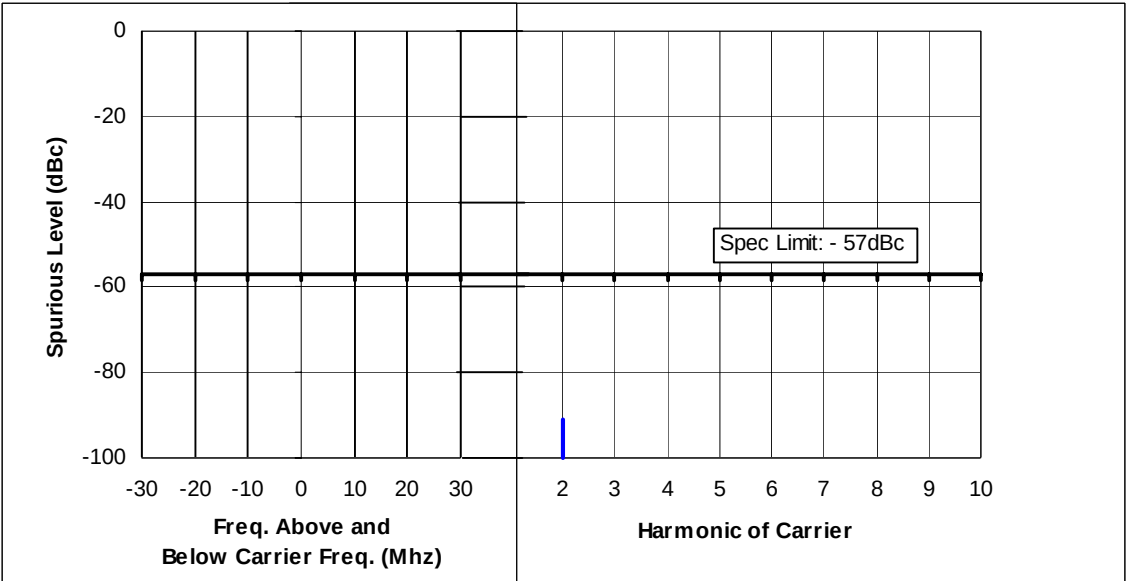
6G-1: Hi-Power, 136.0125 MHz, 25 kHz Channel Spacing
& Hi-Power, 149.0125 MHz, 25 kHz Channel Spacing
6G-2: Hi-Power, 161.9875 MHz, 25 kHz Channel Spacing
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6G-8: Lo-Power, 161.9875 MHz, 12.5 kHz Channel Spacing

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



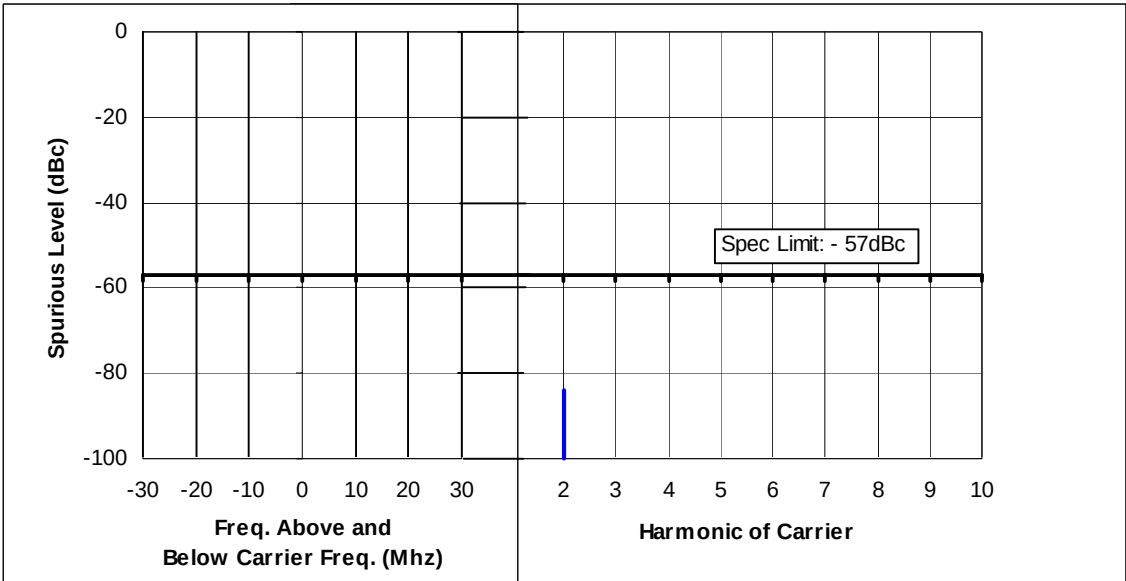
Note: Other emissions not reported were more than 50dB below the limit

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



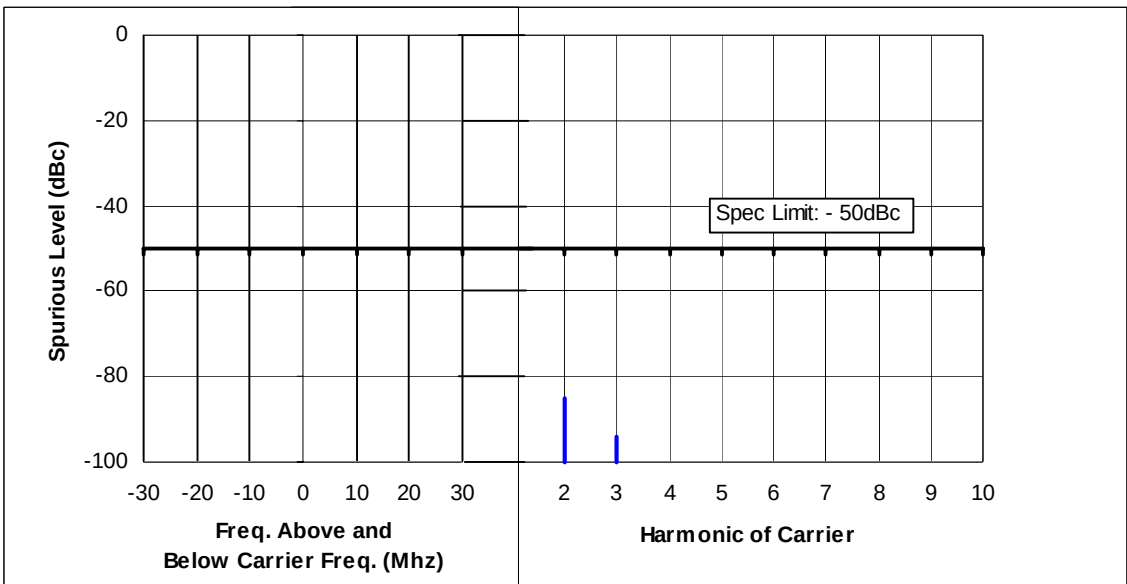
Note: Other emissions not reported were more than 50dB below the limit

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



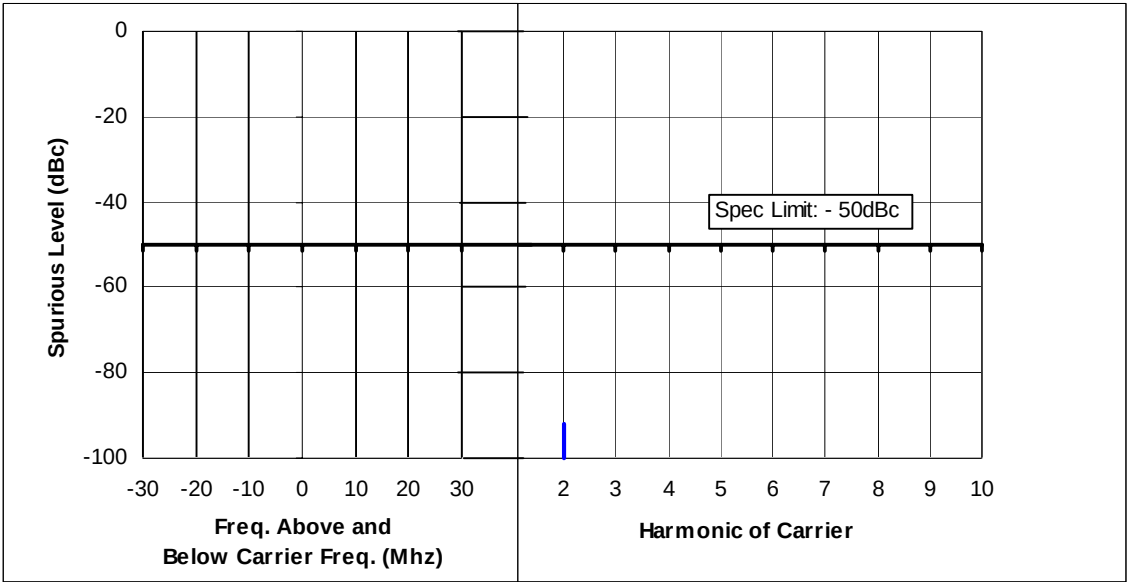
Note: Other emissions not reported were more than 50dB below the limit

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



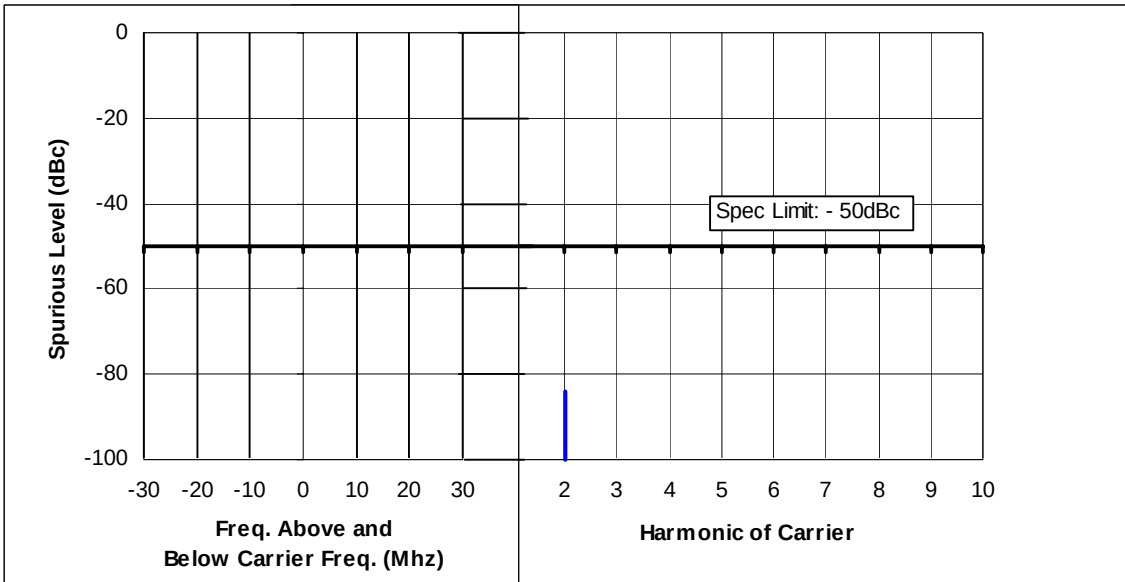
Note: Other emissions not reported were more than 50dB below the limit

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



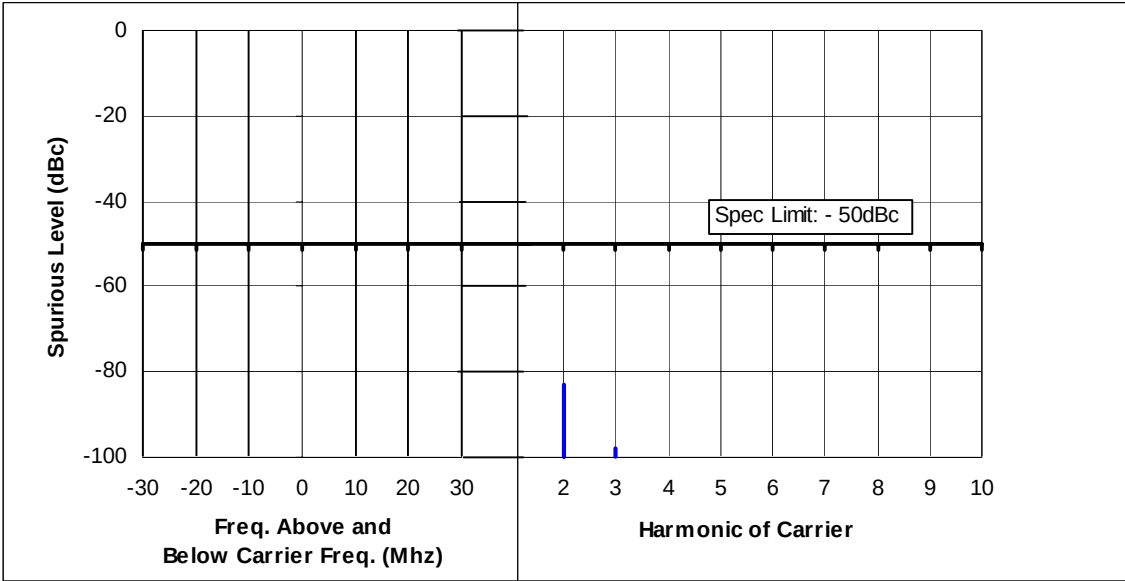
Note: Other emissions not reported were more than 50dB below the limit

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



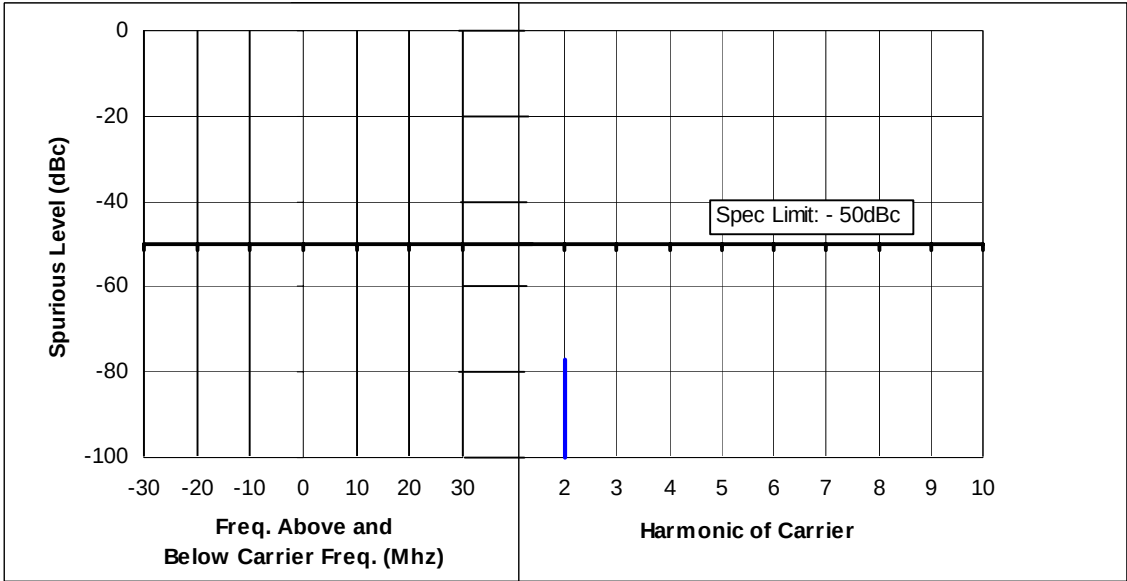
Note: Other emissions not reported were more than 50dB below the limit

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



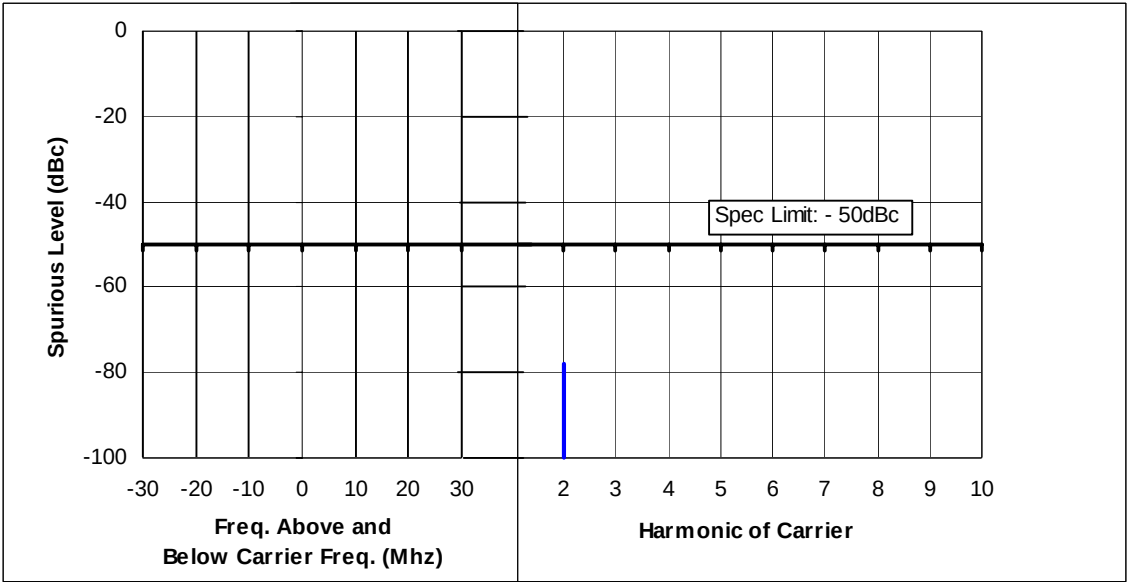
Note: Other emissions not reported were more than 50dB below the limit

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



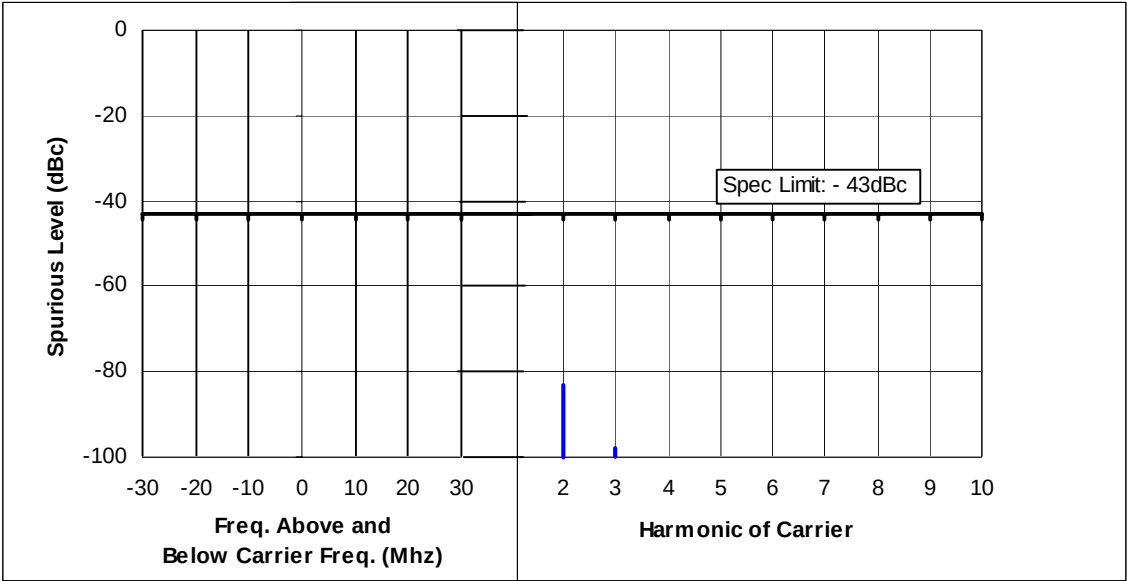
Note: Other emissions not reported were more than 50dB below the limit

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



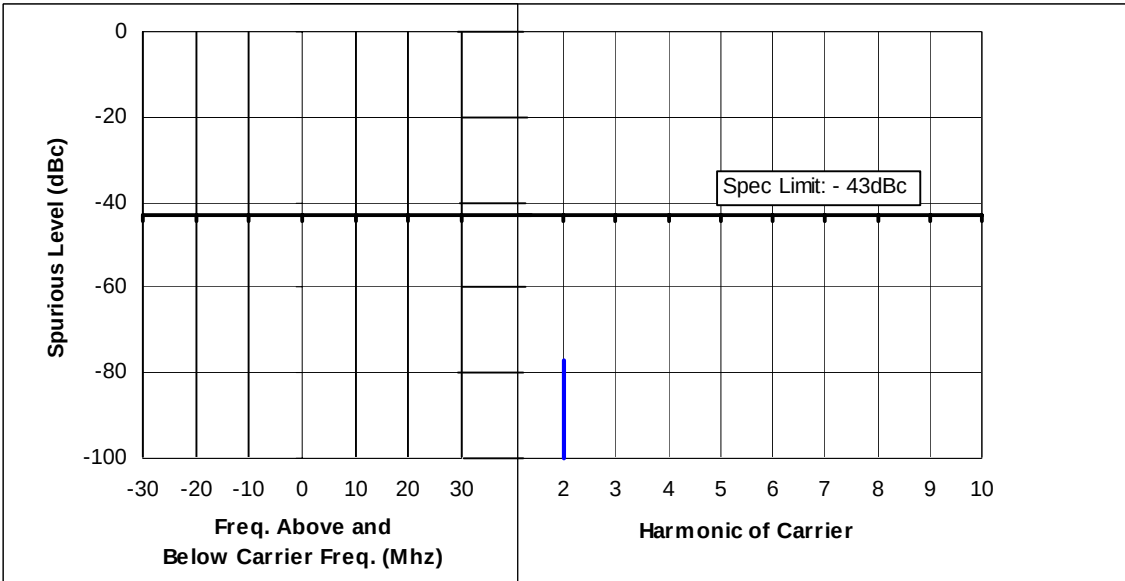
Note: Other emissions not reported were more than 50dB below the limit

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



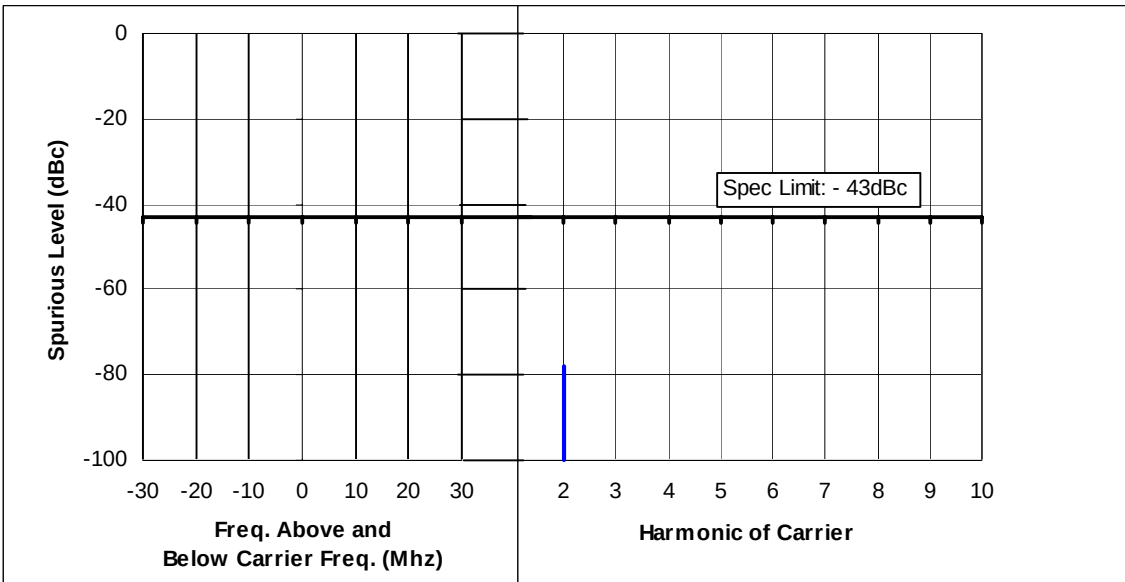
Note: Other emissions not reported were more than 50dB below the limit

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



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

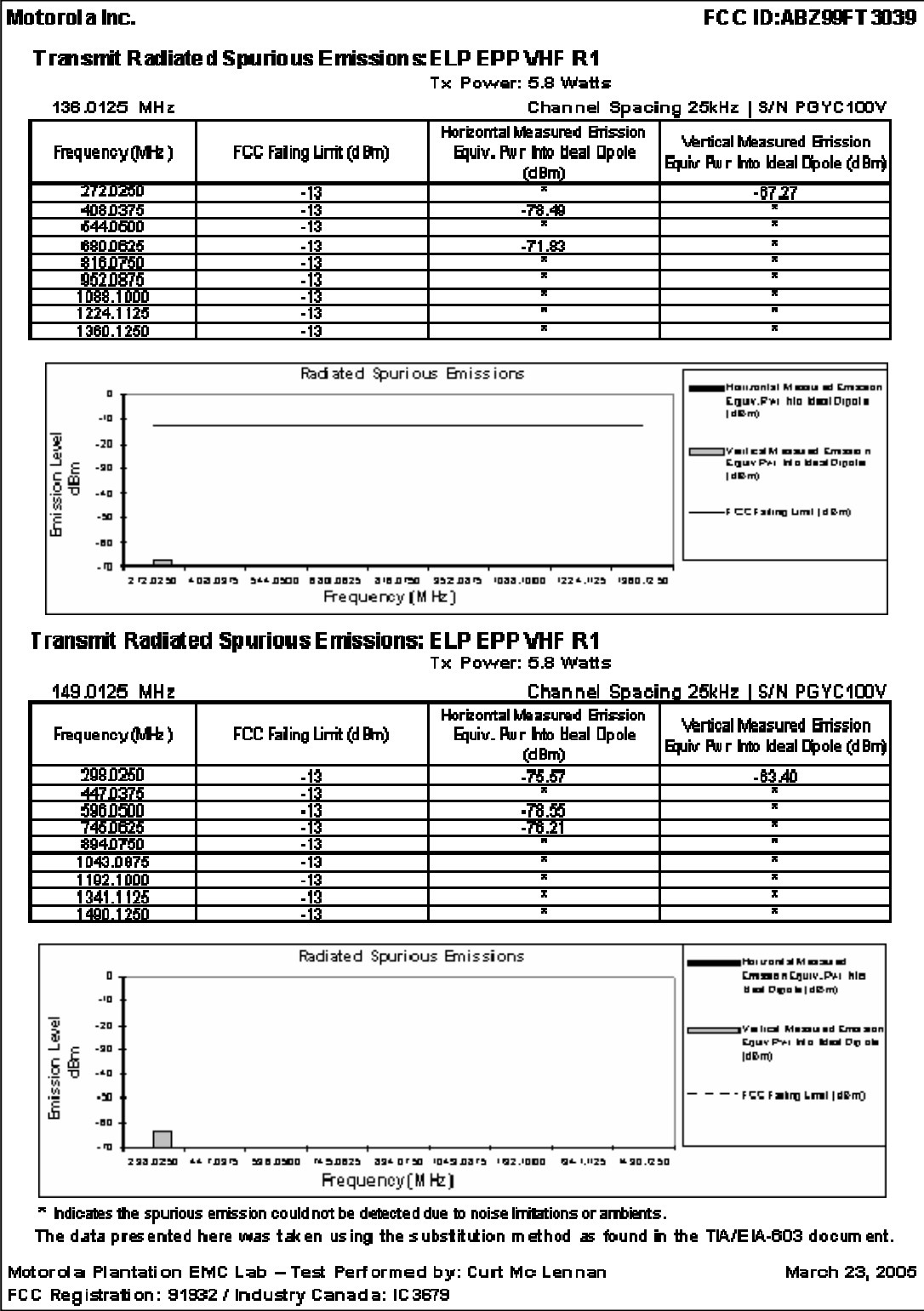
Figure 6F-11: Lo-Power, 149.0125 MHz, 25 kHz Channel Spacing



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



& Hi-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: 5.8 Watts

161.9875 MHz

Channel Spacing 25kHz | S/N PGYC100V

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.9750	-13	*	-88.15
485.9625	-13	*	*
647.9500	-13	-72.40	*
809.9375	-13	-75.98	*
971.9250	-13	-75.26	*
1133.9125	-13	*	*
1295.9000	-13	*	*
1457.8875	-13	*	*
1619.8750	-13	*	*

Radiated Spurious Emissions

Frequency (MHz)	Horizontal Measured Emission (dBm)	Vertical Measured Emission (dBm)
323.9750	-13	-88.15
485.9625	-13	< -100
647.9500	-72.40	< -100
809.9375	-75.98	< -100
971.9250	-75.26	< -100
1133.9125	-13	< -100
1295.9000	-13	< -100
1457.8875	-13	< -100
1619.8750	-13	< -100

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

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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 (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Power Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Power Into 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	-76.76	*
1088.1000	-13	*	*
1224.1125	-13	*	*
1360.1250	-13	*	*

Radiated Spurious Emissions

Legend:
Horizontal Measured Emission
Equiv. Power Into Ideal Dipole
(dBm)
Vertical Measured Emission
Equiv. Power Into Ideal Dipole
(dBm)
FCC Failing Limit (dBm)

Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 1 Watts

149.0125 MHz

Channel Spacing 25kHz | S/N PGYC100V

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Power Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Power Into Ideal Dipole (dBm)
298.0250	-13	*	-61.67
447.0375	-13	*	*
596.0500	-13	-78.40	*
745.0625	-13	-74.16	*
894.0750	-13	*	*
1043.0875	-13	*	*
1192.1000	-13	*	*
1341.1125	-13	*	*
1490.1250	-13	*	*

Radiated Spurious Emissions

Legend:
Horizontal Measured Emission
Equiv. Power Into Ideal Dipole
(dBm)
Vertical Measured Emission
Equiv. Power Into Ideal Dipole
(dBm)
FCC Failing Limit (dBm)

* 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: 81932 / Industry Canada: IC3679

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

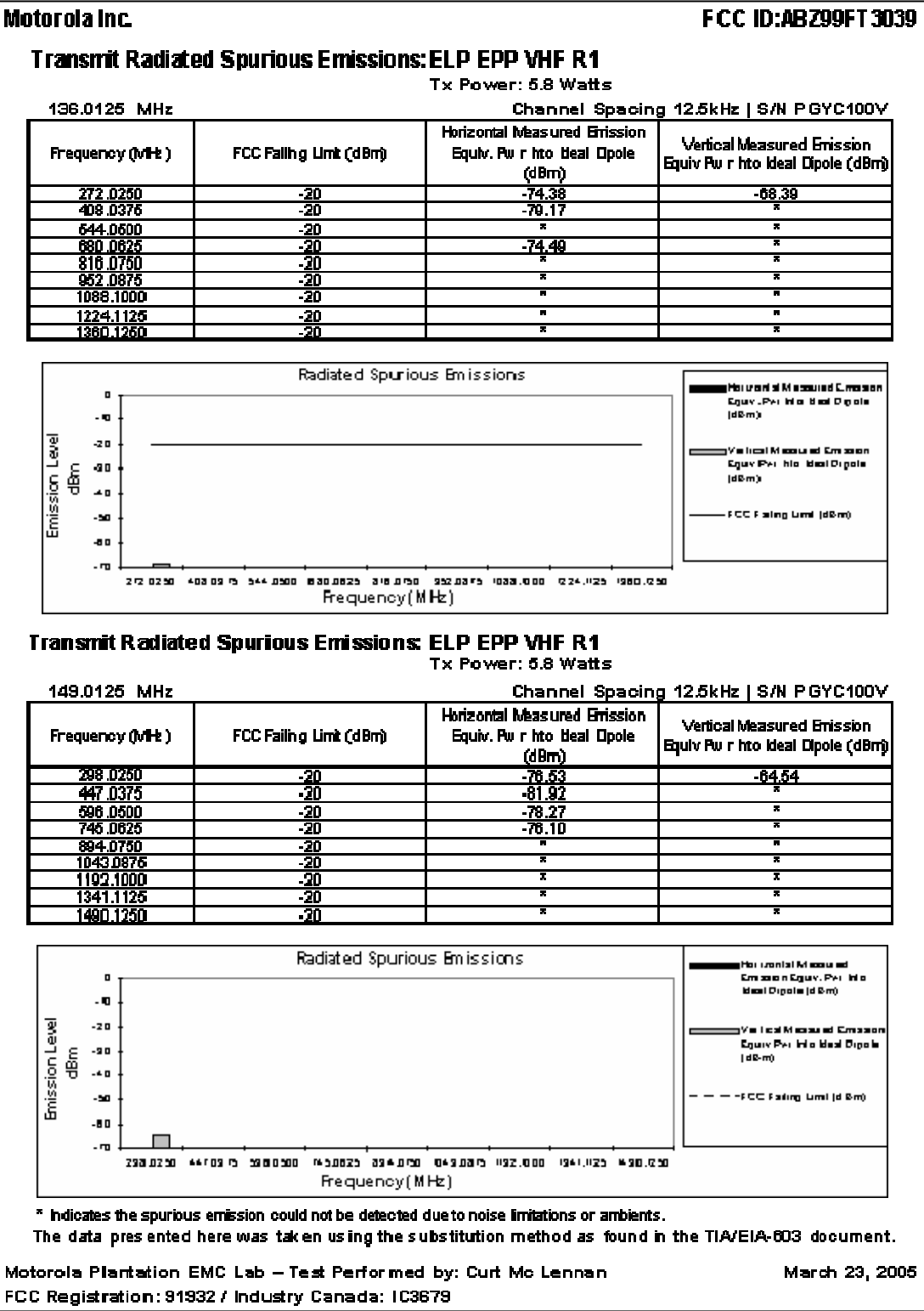
Transmit Radiated Spurious E missions: ELP EPP VHF R 1

Tx Power: 1 Watts

161.9875 MHz

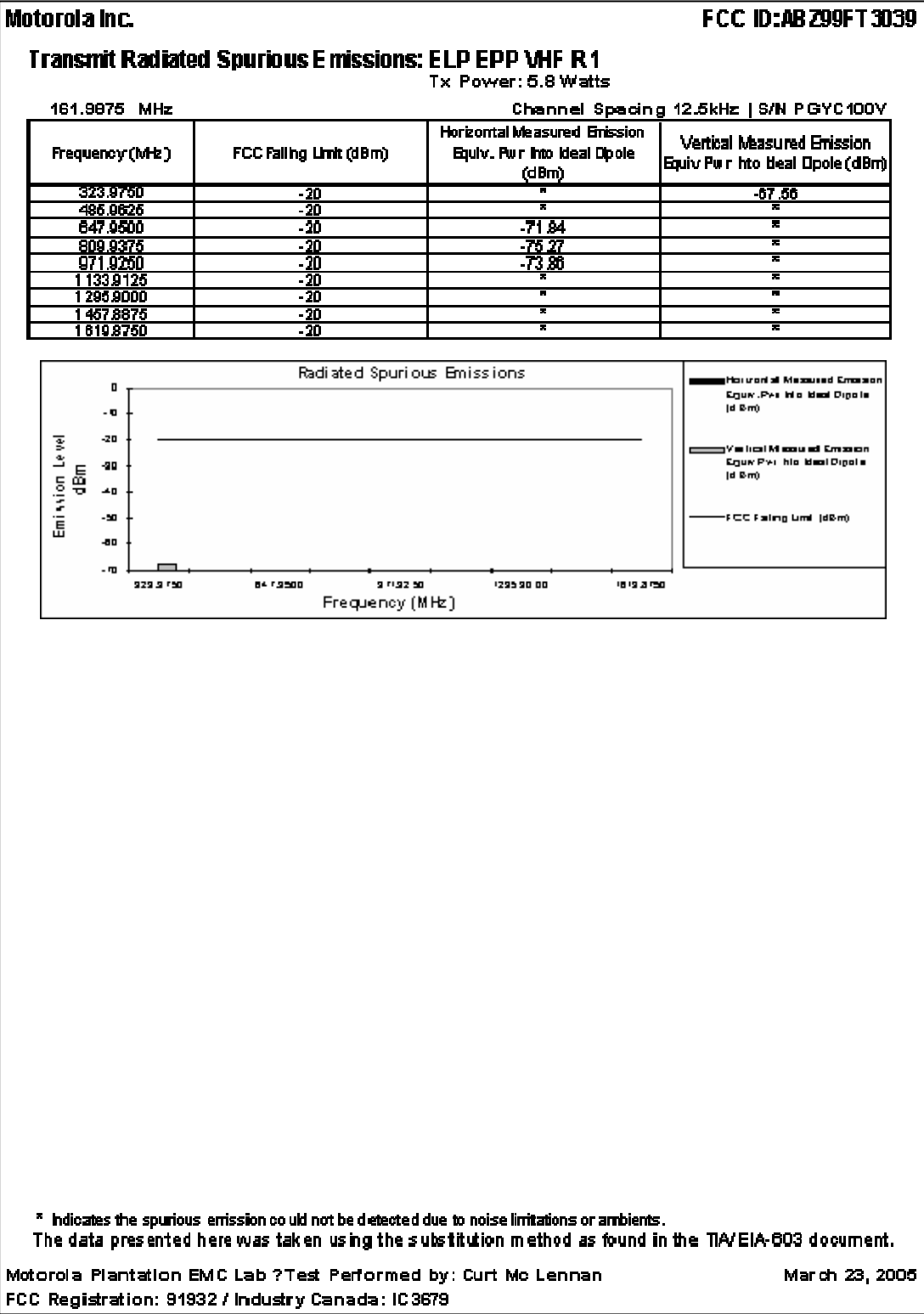
Channel Spacing 25kHz | S/N P GYC 100V

Frequency(MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pow Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pow r Into Ideal Dipole (dBm)
323.9750	-13	*	-67.61
485.9625	-13	*	-60.62
647.9500	-13	-75.36	*
809.9375	-13	-73.96	*
971.9250	-13	-73.67	*
1133.9125	-13	*	*
1295.9000	-13	*	*
1457.8875	-13	*	*
1619.8750	-13	*	*



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: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 (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Power into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Power into Ideal Dipole (dBm)
272.0250	-20	-78.15	-71.46
408.0375	-20	-81.60	*
644.0500	-20	*	*
680.0625	-20	-74.14	*
816.0750	-20	*	*
952.0875	-20	*	*
1088.1000	-20	*	*
1224.1125	-20	*	*
1360.1250	-20	*	*

Radiated Spurious Emissions

Legend:
Horizontal Measured Emission
Equiv. Power into Ideal Dipole (dBm)
Vertical Measured Emission
Equiv. Power into Ideal Dipole (dBm)
FCC Failing Limit (dBm)

Transmit Radiated Spurious Emissions: ELP EPP VHF R1

Tx Power: 1 Watts

149.0125 MHz

Channel Spacing 12.5kHz | S/N PGYC100V

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Power into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Power into Ideal Dipole (dBm)
298.0250	-20	-76.73	-68.77
447.0375	-20	*	*
696.0500	-20	-79.54	*
745.0625	-20	-76.76	*
894.0750	-20	*	*
1043.0875	-20	*	*
1192.1000	-20	*	*
1341.1125	-20	*	*
1490.1250	-20	*	*

Radiated Spurious Emissions

Legend:
Horizontal Measured Emission
Equiv. Power into Ideal Dipole (dBm)
Vertical Measured Emission
Equiv. Power into Ideal Dipole (dBm)
FCC Failing Limit (dBm)

* 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

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

