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 6B – Transmit Audio Response (2 Graphs)
- 6B-1 – 12.5 kHz Channel Spacing
- 6B-2 – 25 kHz Channel Spacing

EXHIBIT 6C – Transmit Audio Post Limiter Low pass Filter Response (2 Graphs)
- 6C-1 – 12.5 kHz Channel Spacing
- 6C-2 – 25 kHz Channel Spacing

EXHIBIT 6D – Modulation Limiting Characteristics (6 Graphs)
- 6D-1 – 12.5 kHz Channel Spacing, Carrier Squelch Mode
- 6D-2 – 12.5 kHz Channel Spacing, Tone Private Line (TPL) Mode
- 6D-3 – 12.5 kHz Channel Spacing, Digital Private Line (DPL) Mode
- 6D-4 – 25 kHz Channel Spacing, Carrier Squelch Mode
- 6D-5 – 25 kHz Channel Spacing, Tone Private Line (TPL) Mode
- 6D-6 – 25 kHz Channel Spacing, Digital Private Line (DPL) Mode

EXHIBIT 6E – Occupied Bandwidth (6 Spectrum Analyzer Plots)
- 6E-1 - 12.5 kHz Channel Spacing, 2500 Hz Audio Modulation Only
- 6E-2 - 12.5 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation
- 6E-3 - 12.5 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation
- 6E-4 - 25 kHz Channel Spacing, 2500 Hz Audio Modulation Only
- 6E-5 - 25 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation
- 6E-6 - 25 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation

EXHIBIT 6F – Conducted Spurious Emissions (12 Graphs)
- 6F-1 – 1 Watts, Harmonic of Carrier 490.025 MHz, 12.5 kHz Channel Spacing
- 6F-2 – 1 Watts, Harmonic of Carrier 501.025 MHz, 12.5 kHz Channel Spacing
- 6F-3 – 1 Watts, Harmonic of Carrier 511.975 MHz, 12.5 kHz Channel Spacing
- 6F-4 – 4.5 Watts, Harmonic of Carrier 490.025 MHz, 12.5 kHz Channel Spacing
- 6F-5 – 4.5 Watts, Harmonic of Carrier 501.025 MHz, 12.5 kHz Channel Spacing
- 6F-6 – 4.5 Watts, Harmonic of Carrier 511.975 MHz, 12.5 kHz Channel Spacing
- 6F-7 – 1 Watts, Harmonic of Carrier 490.025 MHz, 25 kHz Channel Spacing
- 6F-8 – 1 Watts, Harmonic of Carrier 501.025 MHz, 25 kHz Channel Spacing
- 6F-9 – 1 Watts, Harmonic of Carrier 511.975 MHz, 25 kHz Channel Spacing
- 6F-10 – 4.5 Watts, Harmonic of Carrier 490.025 MHz, 25 kHz Channel Spacing
- 6F-11 – 4.5 Watts, Harmonic of Carrier 501.025 MHz, 25 kHz Channel Spacing
- 6F-12 – 4.5 Watts, Harmonic of Carrier 511.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6G – Radiated Spurious Emissions (12 Graphs)
- 6G-1 – 4 Watts, 490.025 MHz, 12.5 kHz Channel Spacing & 4 Watts, 501.025 MHz, 12.5 kHz Channel Spacing
- 6G-2 – 4 Watts, 511.975 MHz, 12.5 kHz Channel Spacing
- 6G-3 – 4 Watts, 490.025 MHz, 25 kHz Channel Spacing & 4 Watts, 501.025 MHz, 25 kHz Channel Spacing
- 6G-4 – 4 Watts, 511.975 MHz, 25 kHz Channel Spacing
- 6G-5 – 1 Watts, 490.025 MHz, 12.5 kHz Channel Spacing & 1 Watts, 501.025 MHz, 12.5 kHz Channel Spacing
- 6G-6 – 1 Watts, 511.975 MHz, 12.5 kHz Channel Spacing
- 6G-7 – 1 Watts, 490.025 MHz, 25 kHz Channel Spacing & 1 Watts, 501.0250 MHz, 25 kHz Channel Spacing
- 6G-8 – 1 Watts, 511.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6H – Frequency Stability (2 Graphs)
- 6H-1 – Frequency Stability vs. Temperature
- 6H-2 – Frequency Stability vs. Voltage

EXHIBIT 6I – Transient Frequency Behavior (8 Graphs)
- 6I-1 – 4 Watts, 12.5 kHz Key-Up Attack Time
- 6I-2 – 4 Watts, 12.5 kHz De-Key Decay Time
- 6I-3 – 4 Watts, 25 kHz Key-Up Attack Time
- 6I-4 – 4 Watts, 25 kHz De-Key Decay Time
- 6I-5 – 1 Watts, 12.5 kHz Key-Up Attack Time
- 6I-6 – 1 Watts, 12.5 kHz De-Key Decay Time
- 6I-7 – 1 Watts, 25 kHz Key-Up Attack Time
- 6I-8 – 1 Watts, 25 kHz De-Key Decay Time

EXHIBIT 6J – Power Line Conducted Spurious Emissions (4 Graphs)
- 6J-1 – Radio off Line/Neutral
- 6J-2 – Radio on Rx Line/Neutral
- 6J-3 – Radio on Tx Line/Neutral

EXHIBIT 6A

RF Conducted Power Output Data -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7) and 2.1033(c)(8)

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q403).

At maximum output power setting, Frequency 490.025 MHz:

Output RF power	4.11 Watts
DC Voltage	7.50 Volts
DC Current	1.15 A
RF PA Input Power	8.625 Watts

At minimum output power setting, Frequency 490.025 MHz:

Output RF power	0.95 Watts
DC Voltage	7.50 Volts
DC Current	0.50 A
RF PA Input Power	3.75 Watts

At maximum output power setting, Frequency 501.025 MHz:

Output RF power	4.13 Watts
DC Voltage	7.50 Volts
DC Current	1.16 A
RF PA Input Power	8.70 Watts

At minimum output power setting, Frequency 501.025 MHz:

Output RF power	0.98 Watts
DC Voltage	7.50 Volts
DC Current	0.50 A
RF PA Input Power	3.75 Watts

At maximum output power setting, Frequency 511.975 MHz:

Output RF power	4.12 Watts
DC Voltage	7.50 Volts
DC Current	1.16 A
RF PA Input Power	8.70 Watts

At minimum output power setting, Frequency 511.975 MHz:

Output RF power	0.89 Watts
DC Voltage	7.50 Volts
DC Current	0.50 A
RF PA Input Power	3.75 Watts

EXHIBIT 6B
Transmit Audio Response - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

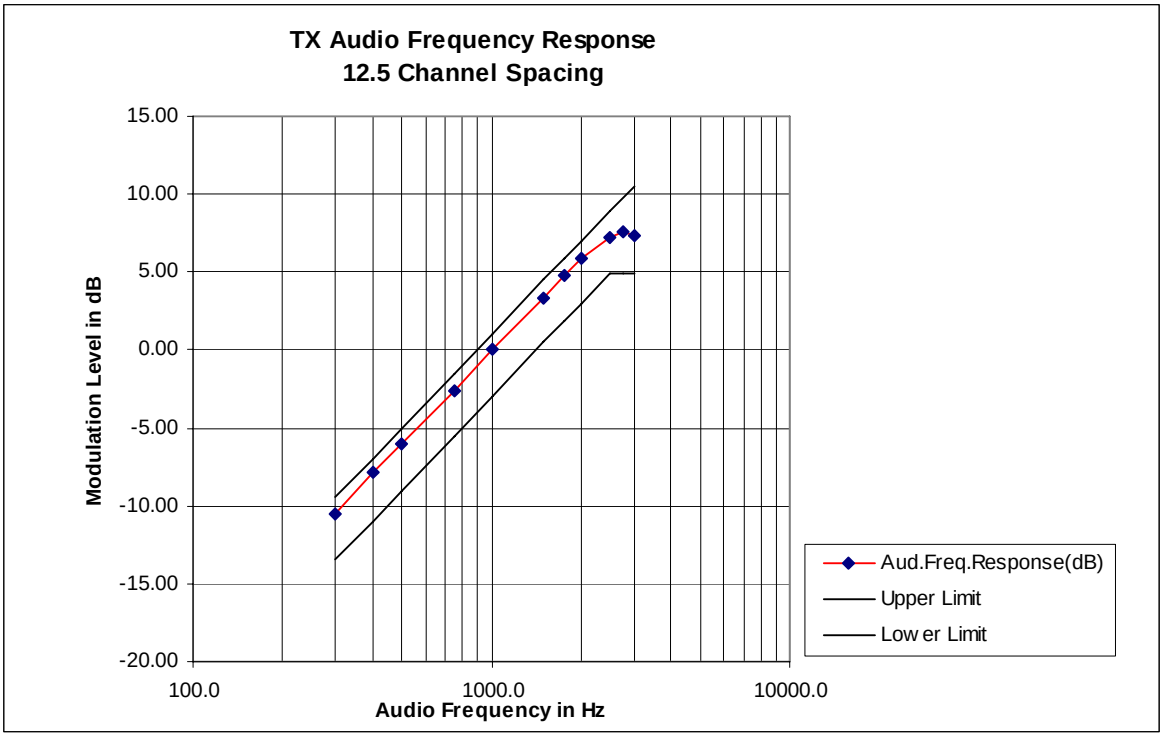


Figure 6B-1: 12.5 kHz Channel Spacing, 501.025 MHz, Transmit Audio Frequency Response

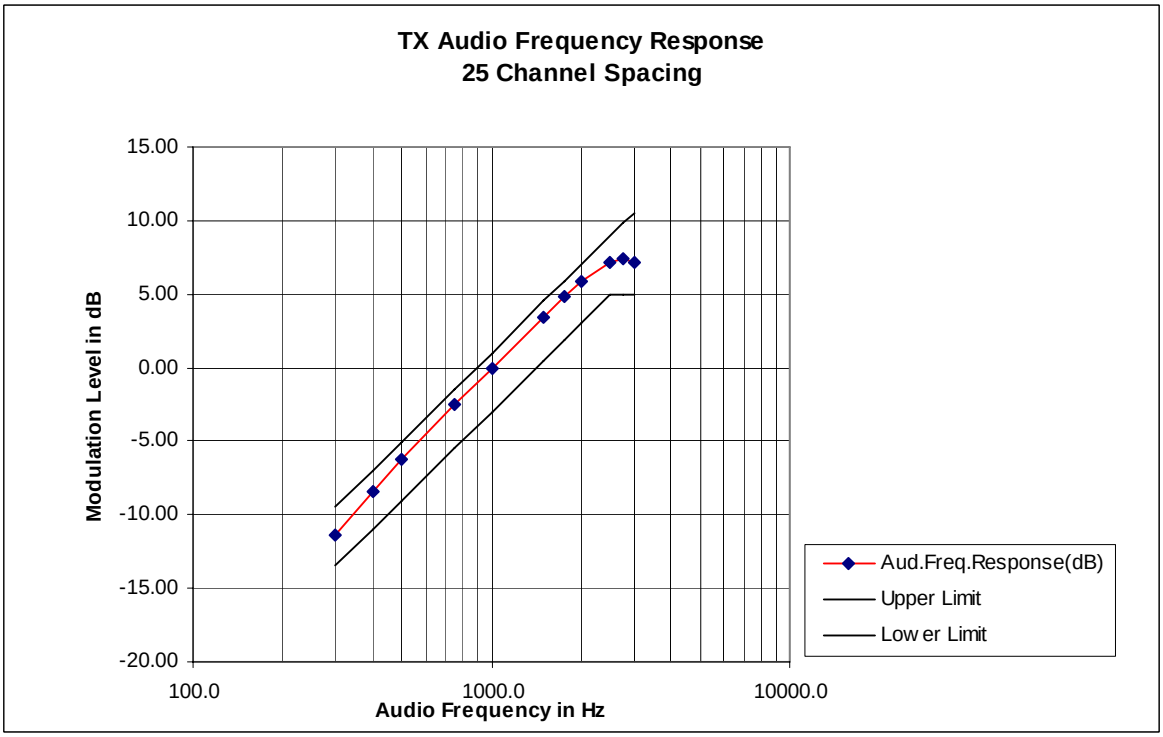


Figure 6B-2: 25 kHz Channel Spacing, 501.025 MHz, Transmit Audio Frequency Response

EXHIBIT 6C
Transmit Audio Post Limiter Low pass Filter Response - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

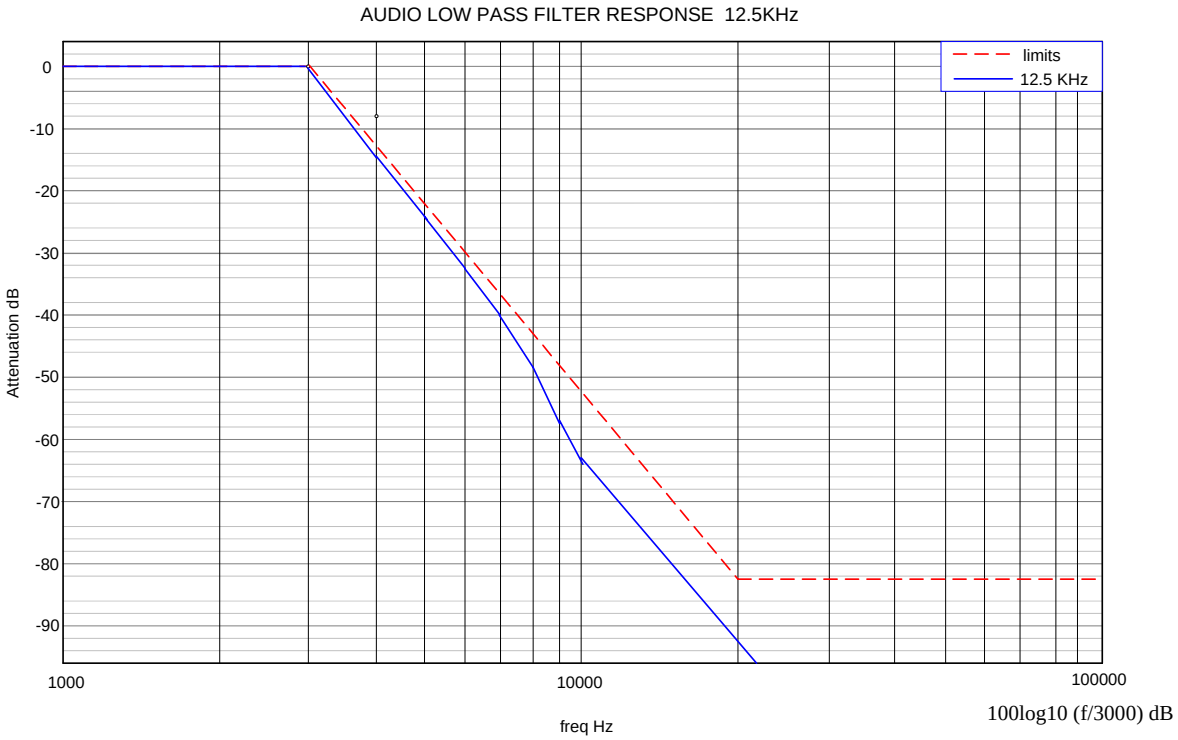


Figure 6C-1: 12.5 kHz Channel Spacing, 501.025 MHz, Transmit Audio Lowpass Filter Response

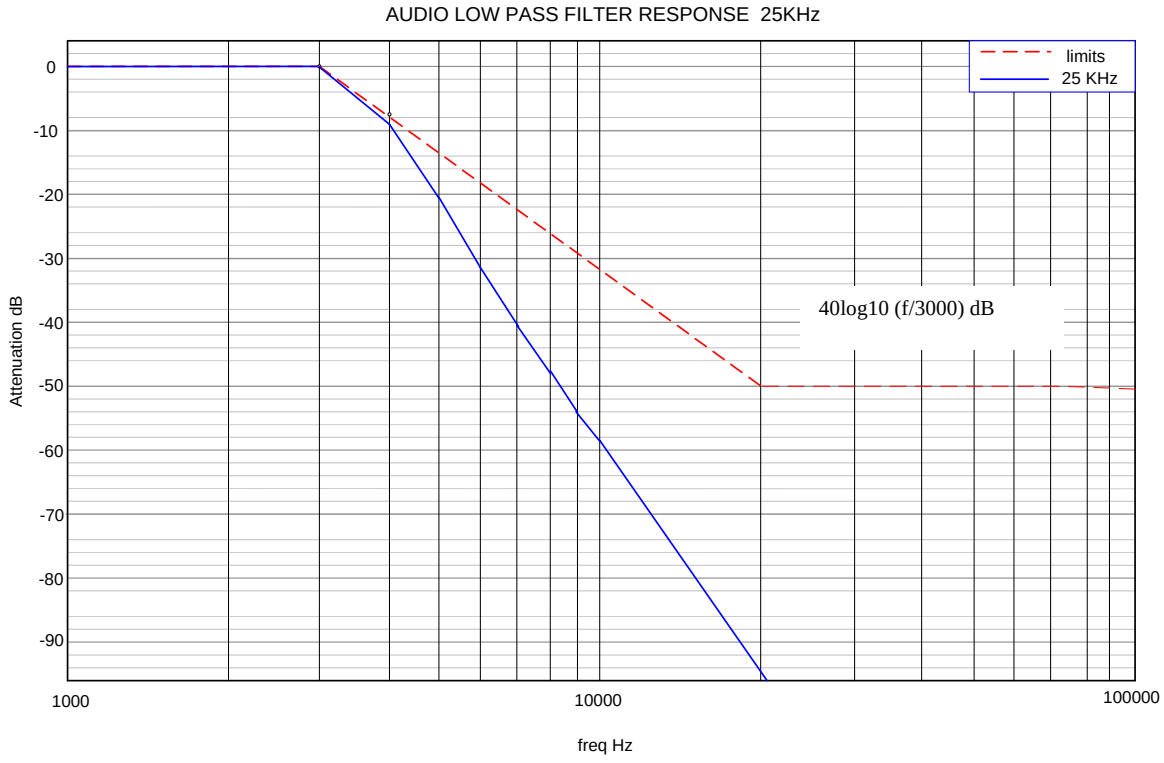


Figure 6C-2: 25 kHz Channel Spacing, 501.025 MHz, Transmit Audio Low pass Filter Response

EXHIBIT 6D
Modulation Limiting Characteristics - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

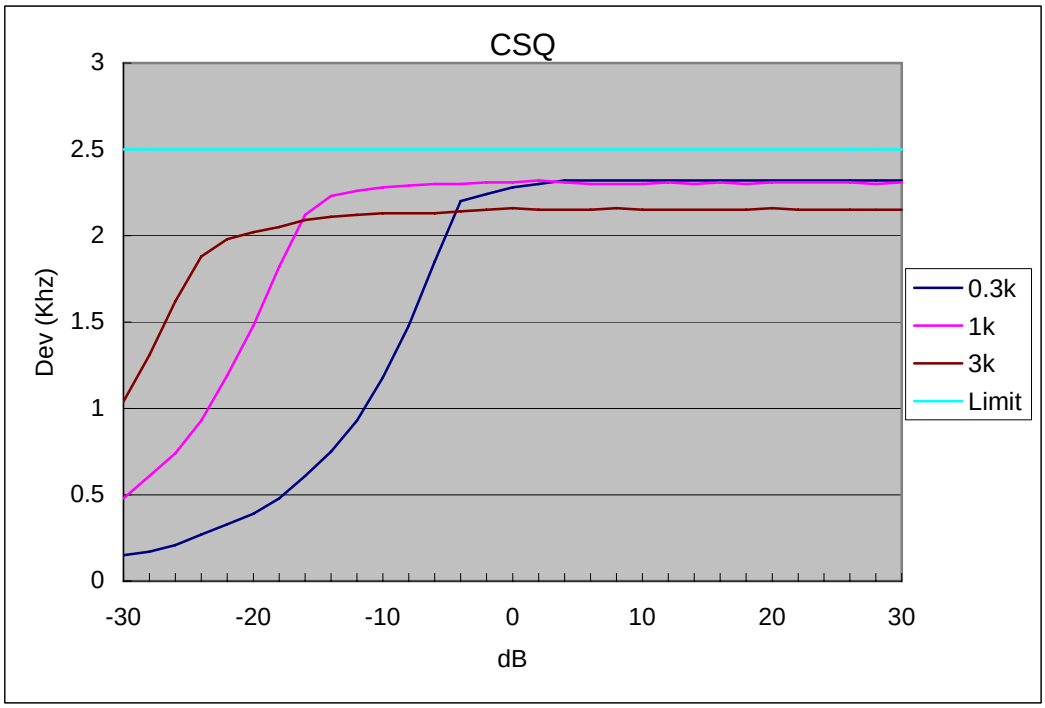


Figure 6D-1: 12.5 kHz Channel Spacing, 501.025 MHz, Carrier Squelch (CSQ) Mode

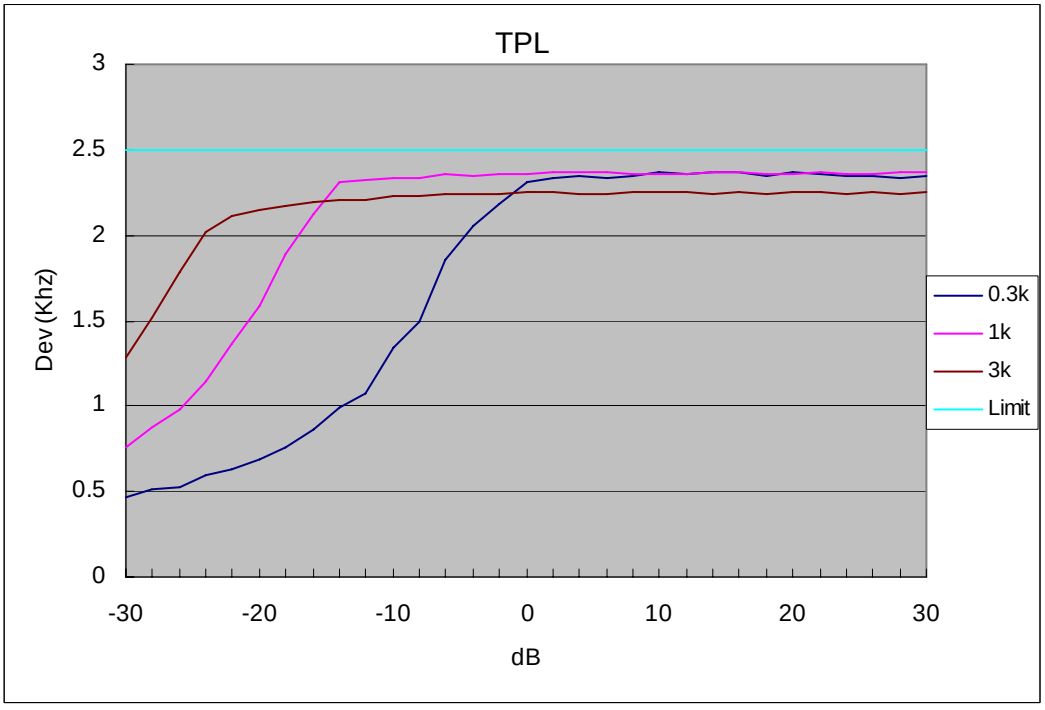


Figure 6D-2: 12.5 kHz Channel Spacing, 501.025 MHz, Tone Private Line (TPL) Mode

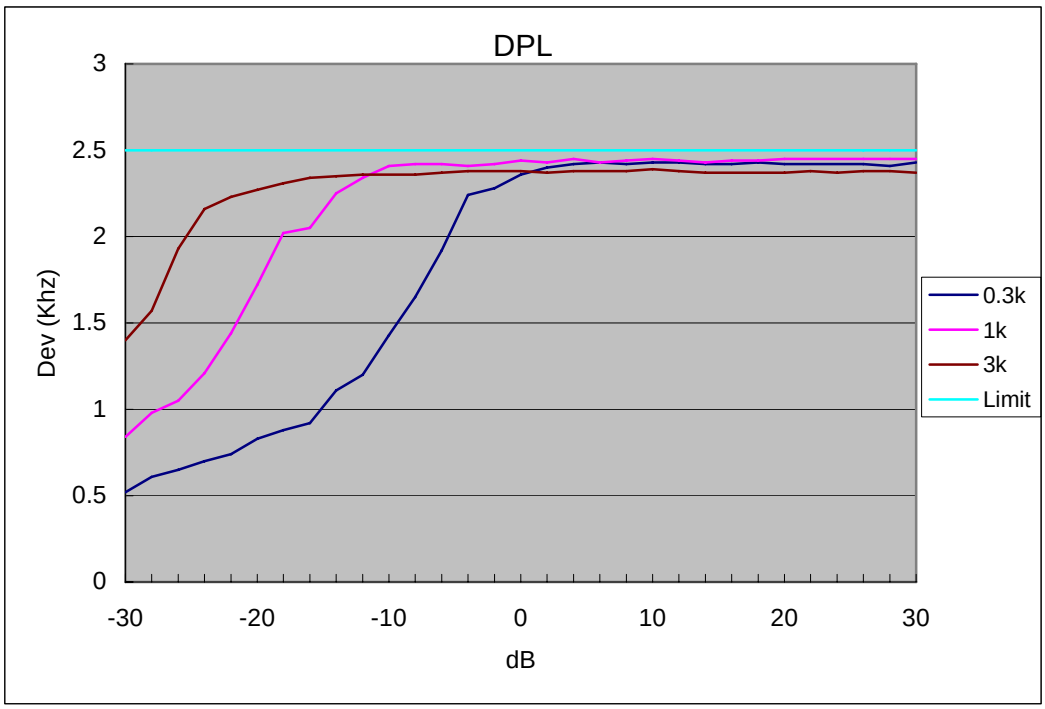


Figure 6D-3: 12.5 kHz Channel Spacing, 501.025 MHz, Digital Private Line (DPL) Mode

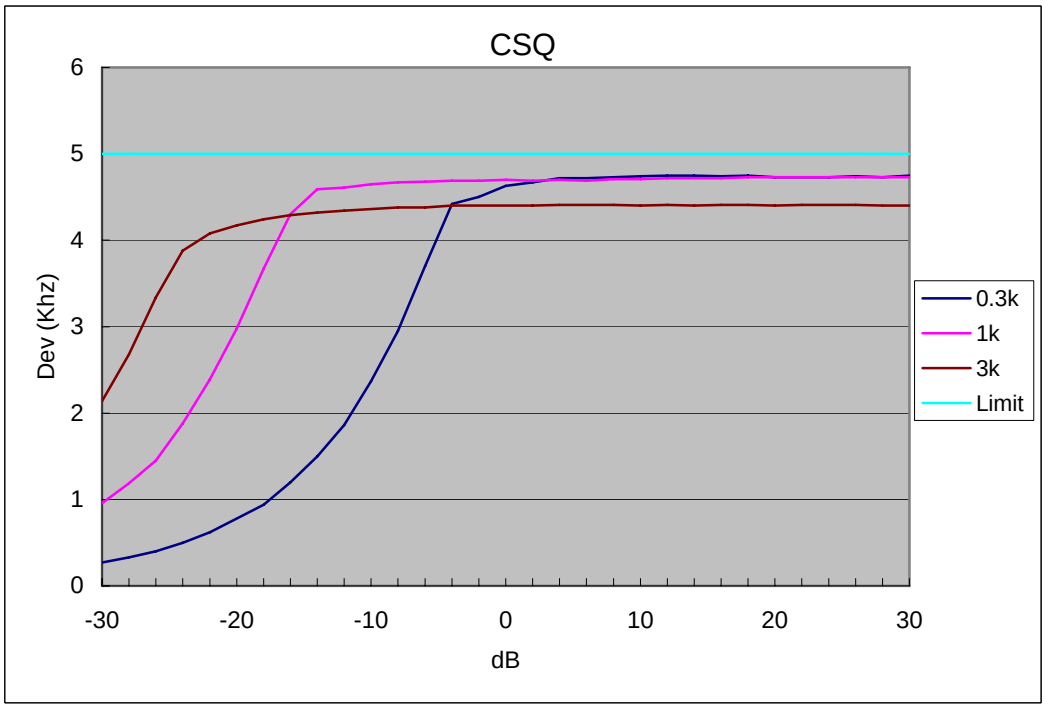


Figure 6D-4: 25 kHz Channel Spacing, 501.025 MHz, Carrier Squelch (CSQ) Mode

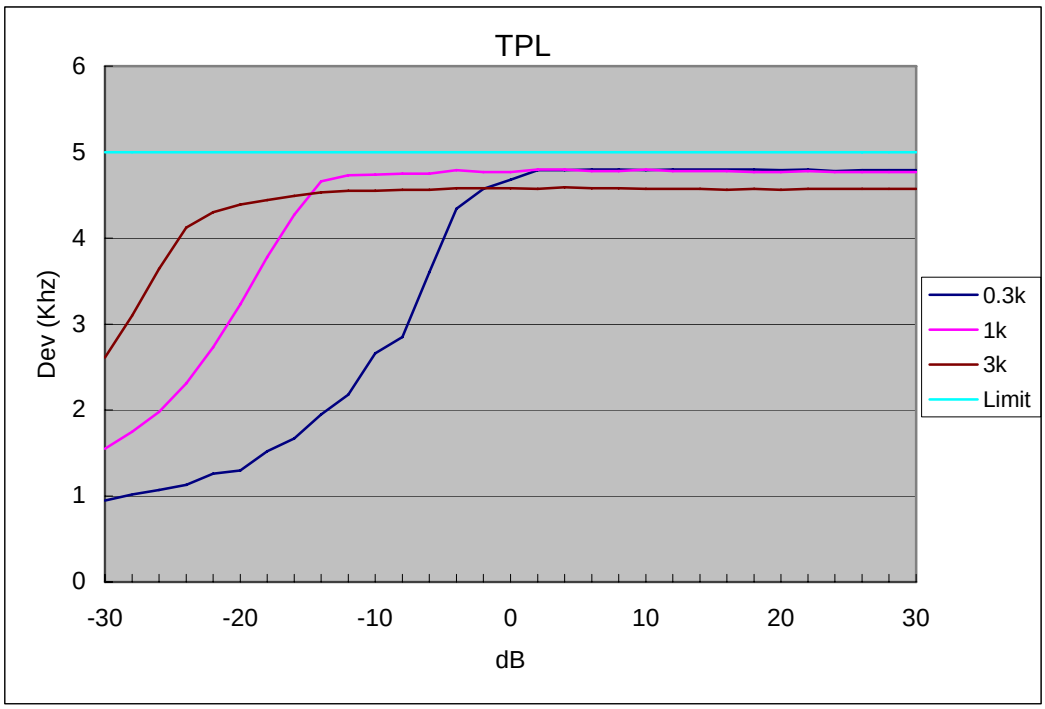


Figure 6D-5: 25 kHz Channel Spacing, 501.025 MHz, Tone Private Line (TPL) Mode

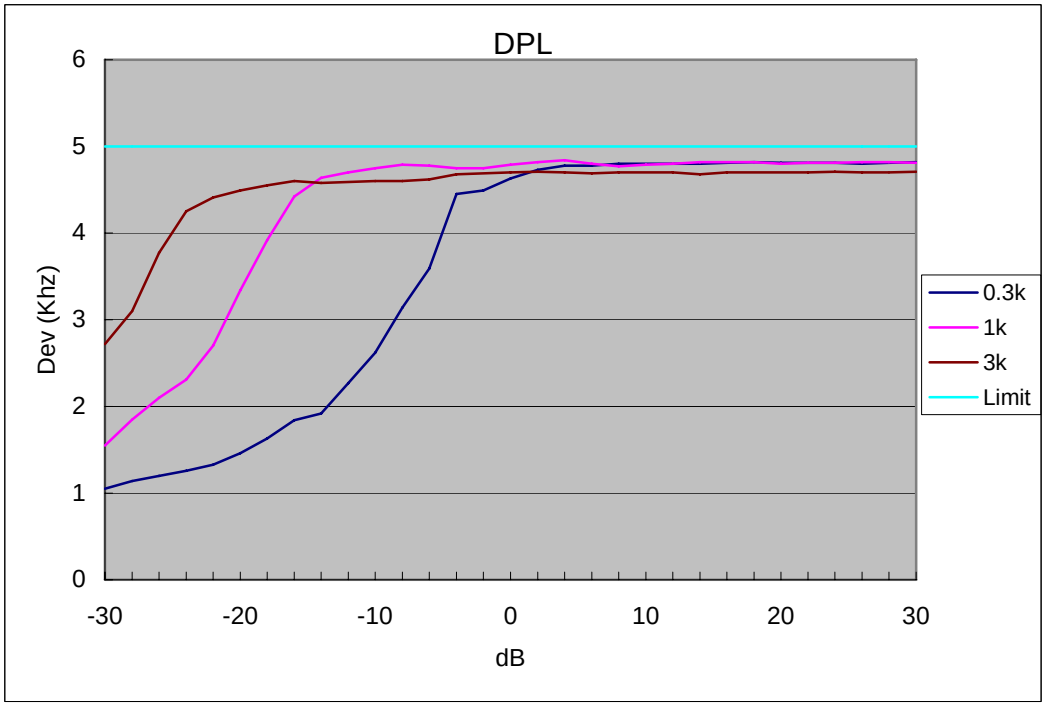


Figure 6D-6: 25 kHz Channel Spacing, 501.025 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E
Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(g) and 90.691

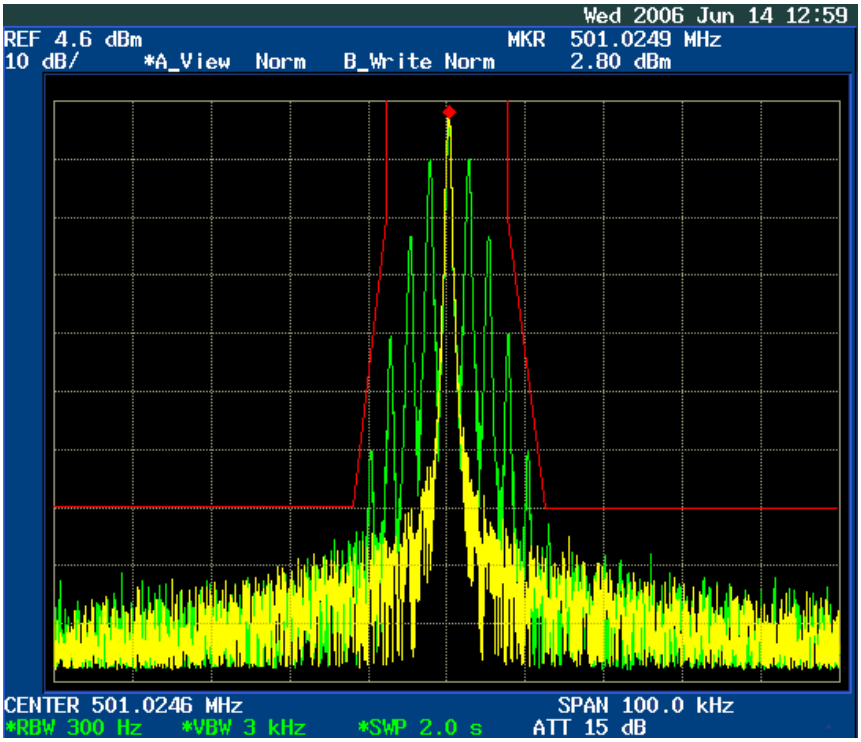


Figure 6E-1: 12.5 kHz Channel Spacing, 501.025 MHz, 2500 Hz Audio Modulation Only, Mask D 11K0F3E

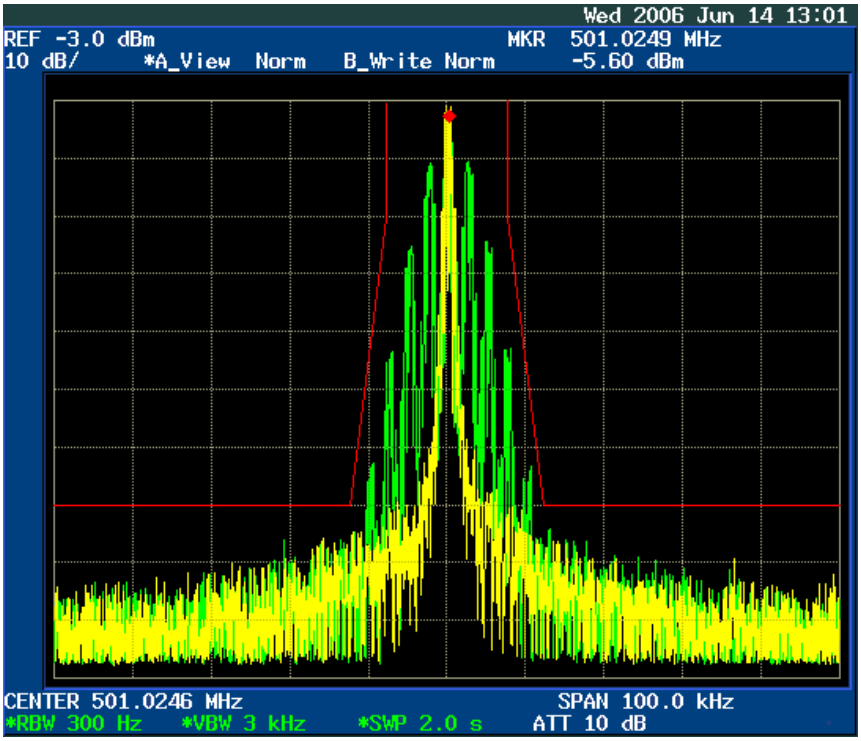


Figure 6E-2: 12.5 kHz Channel Spacing, 501.025 MHz, 2500 Hz Audio and PL Tone Modulation, Mask D 11K0F3E

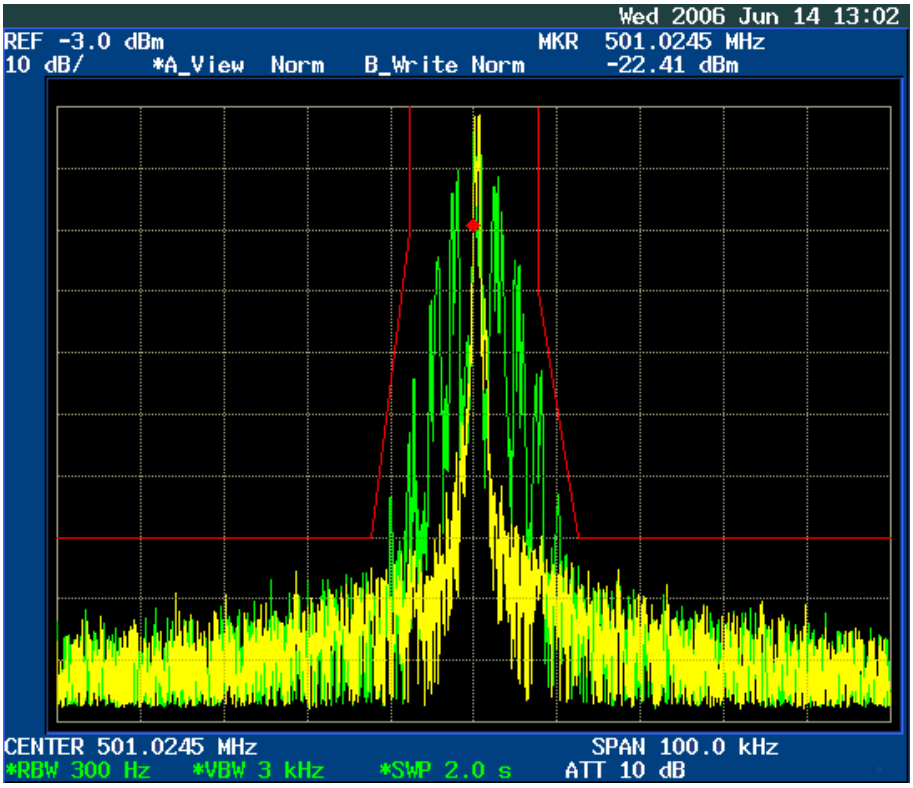


Figure 6E-3: 12.5 kHz Channel Spacing, 501.025 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask D 11K0F3E

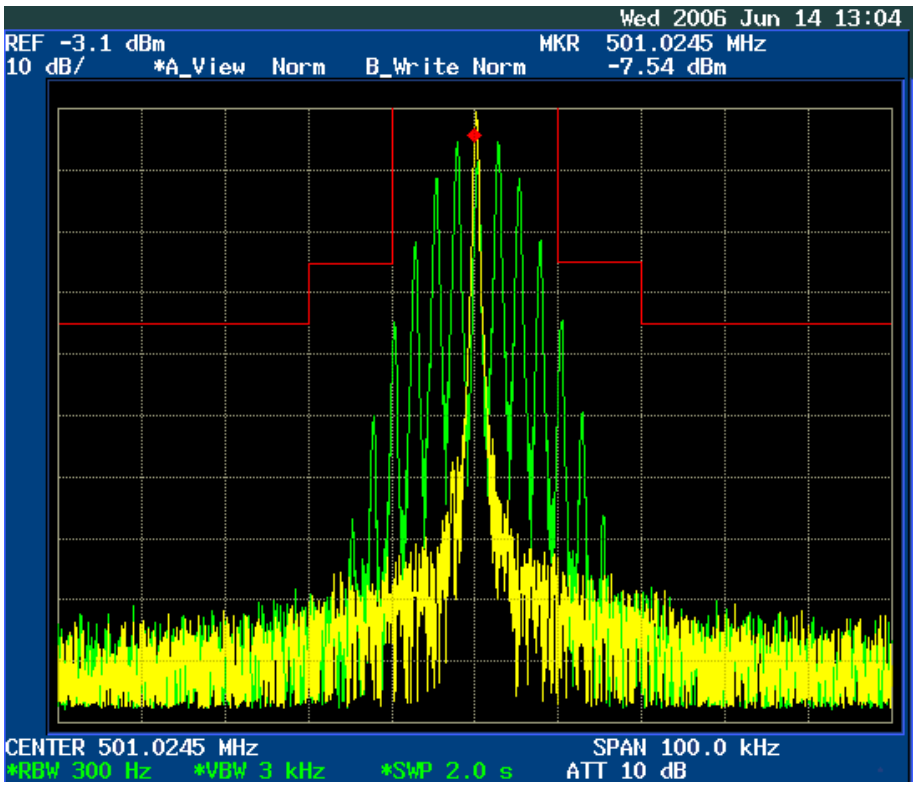


Figure 6E-4: 25 kHz Channel Spacing, 501.025 MHz, 2500 Hz Audio Modulation Only, Mask B 16K0F3E

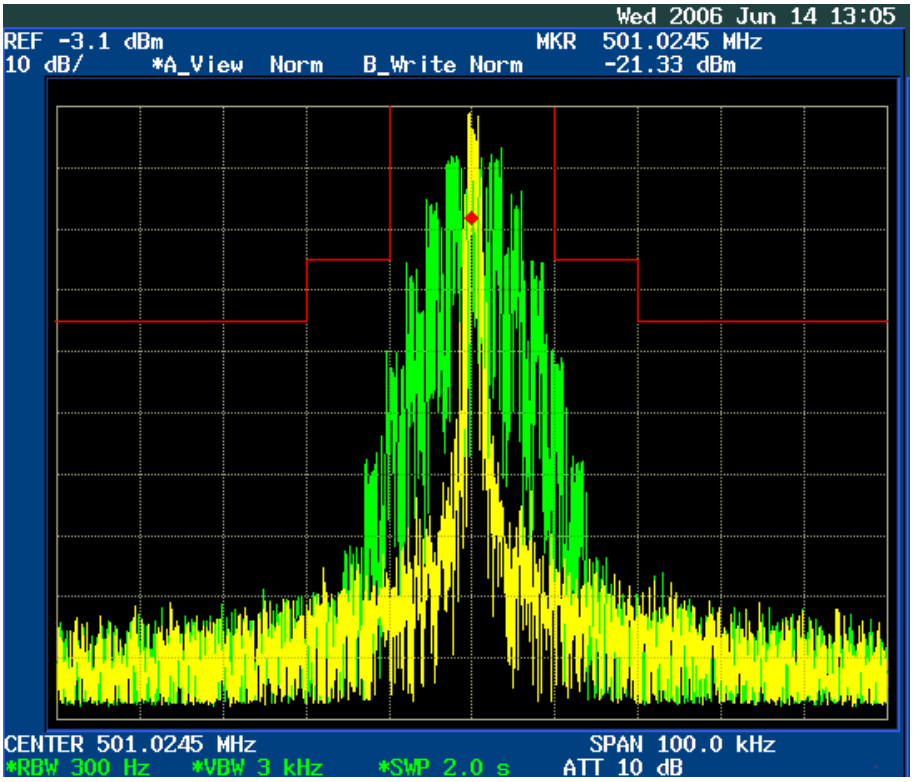


Figure 6E-5: 25 kHz Channel Spacing, 501.025 MHz, 2500 Hz Audio and PL Tone Modulation, Mask B 16K0F3E

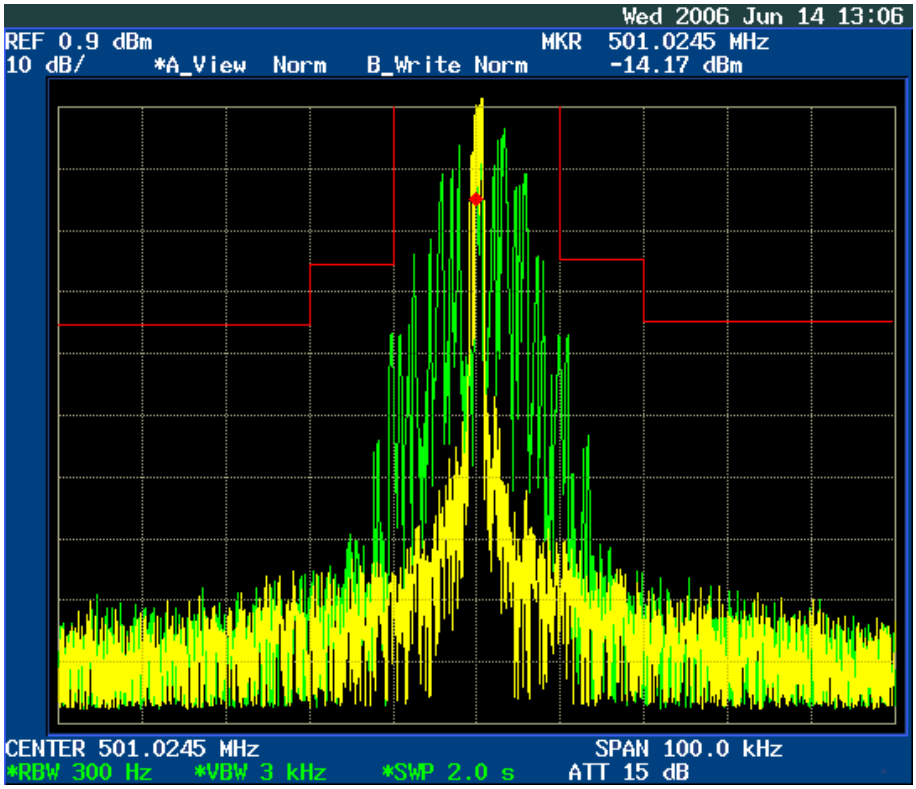


Figure 6E-6: 25 kHz Channel Spacing, 501.025 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask B 16K0F3E

EXHIBIT 6F

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

Note: Red lines on graphs correspond to the FCC limit of –20 dBm for 12.5 kHz channel spacing and -13 dBm for 25 kHz channel spacing.

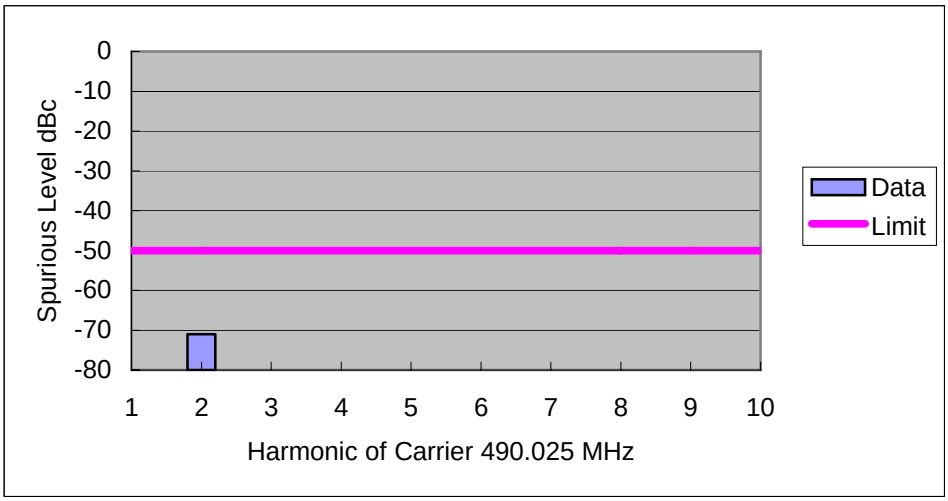


Figure 6F-1: 1 Watt Harmonic of Carrier 490.025 MHz, 12.5 kHz Channel Spacing

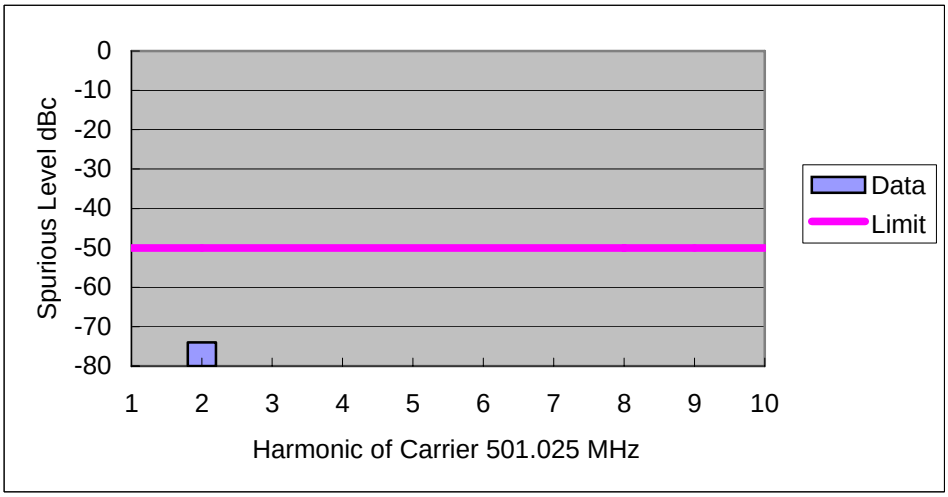


Figure 6F-2: 1 Watt Harmonic of Carrier 501.025 MHz, 12.5 kHz Channel Spacing

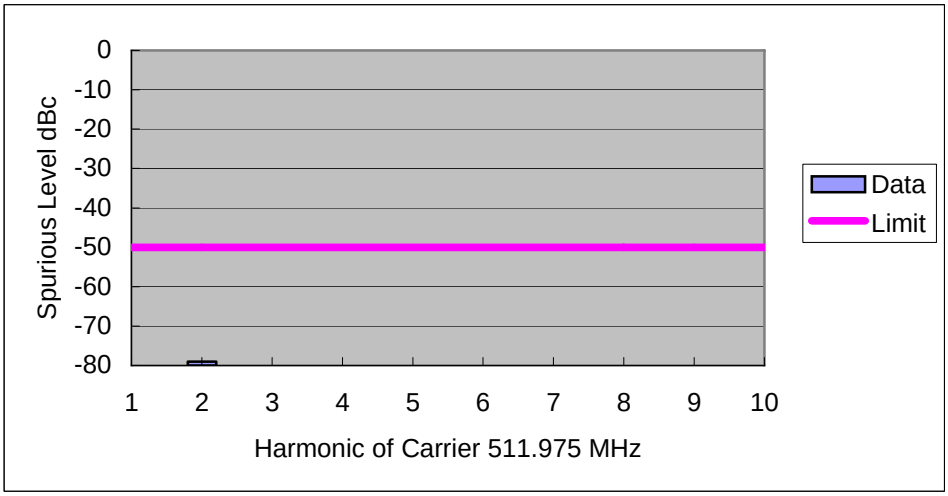


Figure 6F-3: 1 Watt Harmonic of Carrier 511.975 MHz, 12.5 kHz Channel Spacing

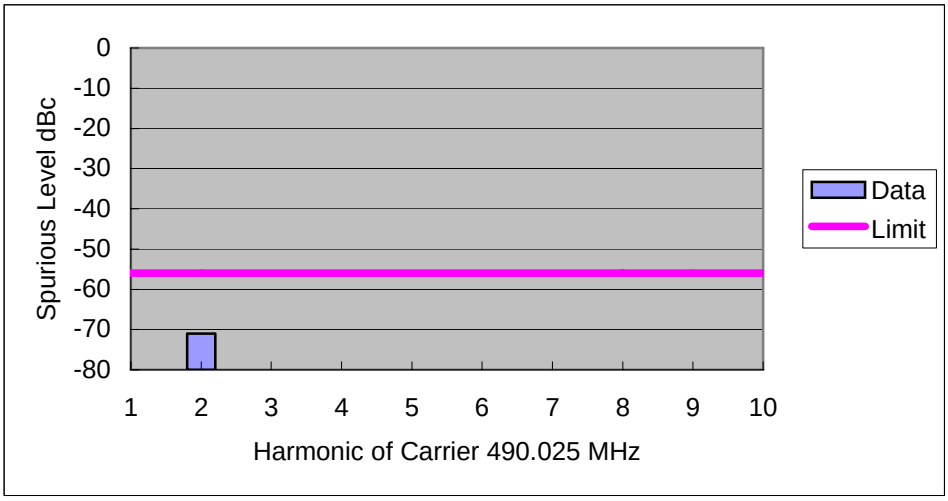


Figure 6F-4: 4.5 Watt Harmonic of Carrier 490.025 MHz, 12.5 kHz Channel Spacing

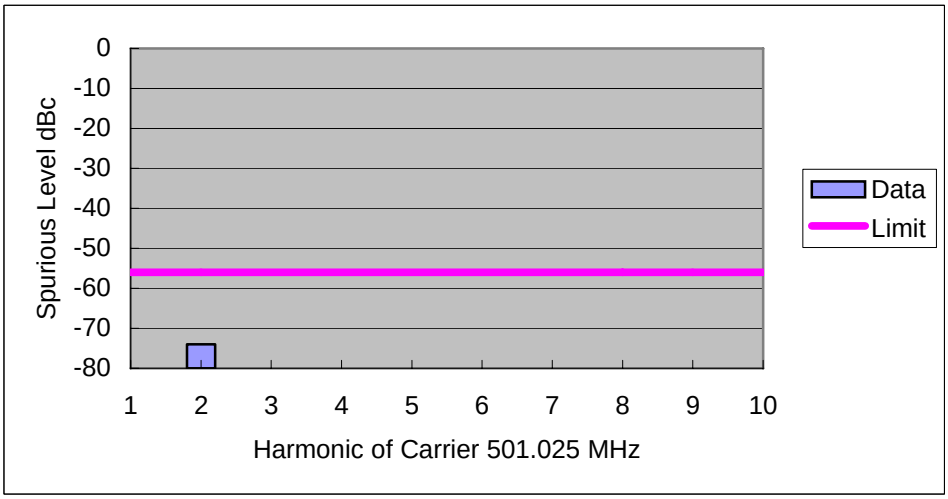


Figure 6F-5: 4.5 Watt Harmonic of Carrier 501.025 MHz, 12.5 kHz Channel Spacing

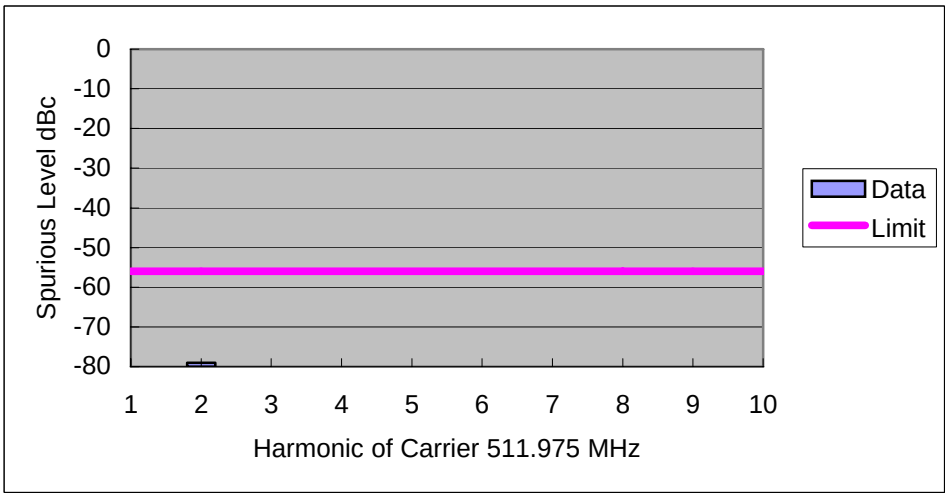


Figure 6F-6: 4.5 Watt Harmonic of Carrier 511.975 MHz, 12.5 kHz Channel Spacing

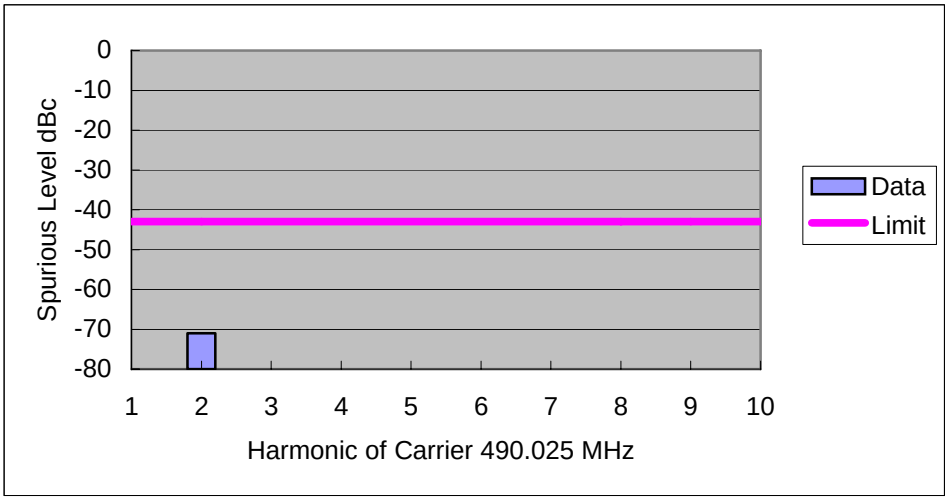


Figure 6F-7: 1 Watt Harmonic of Carrier 490.025 MHz, 25 kHz Channel Spacing

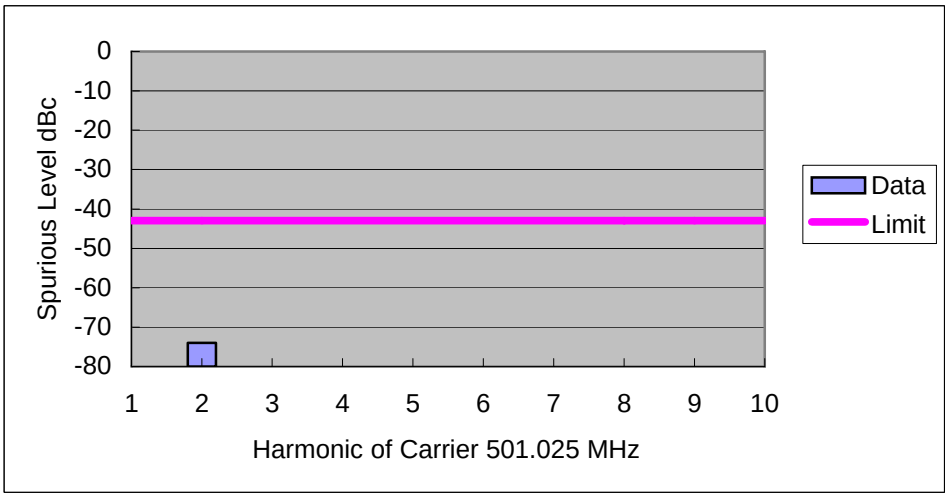


Figure 6F-8: 1 Watt Harmonic of Carrier 501.025 MHz, 25 kHz Channel Spacing

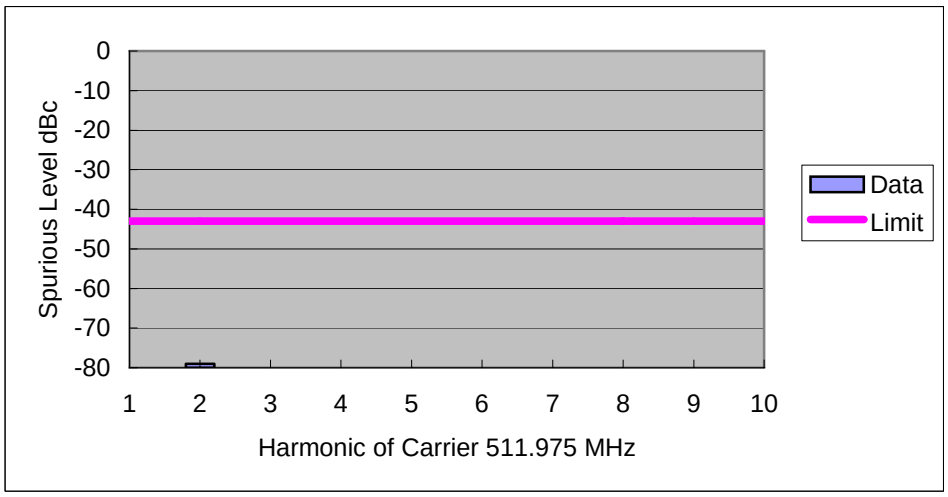


Figure 6F-9: 1 Watt Harmonic of Carrier 511.975 MHz, 25 kHz Channel Spacing

Figure 6F-10: 4.5 Watt Harmonic of Carrier 490.025 MHz, 25 kHz Channel Spacing

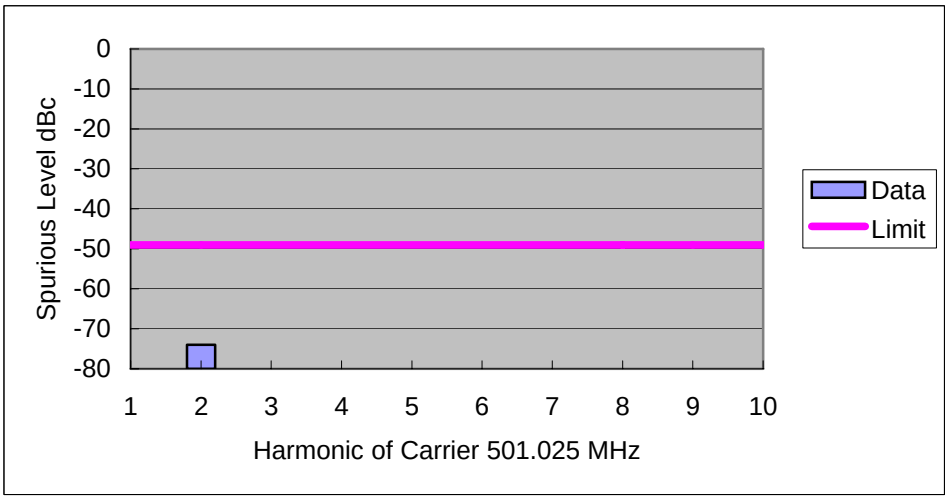


Figure 6F-11: 4.5 Watt Harmonic of Carrier 501.025 MHz, 25 kHz Channel Spacing

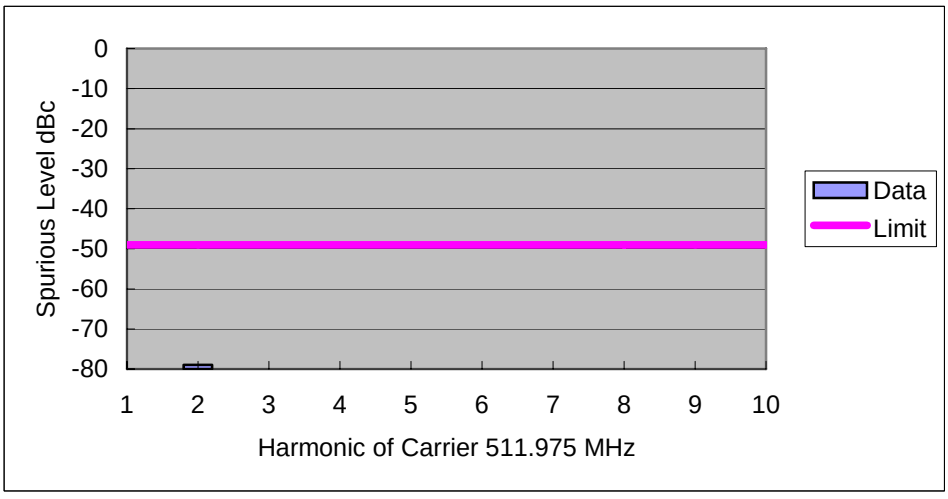
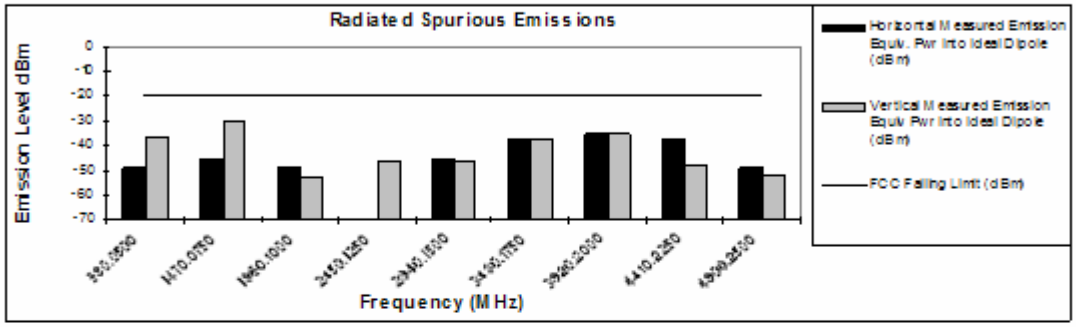


Figure 6F-12: 4.5 Watt Harmonic of Carrier 511.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6G
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

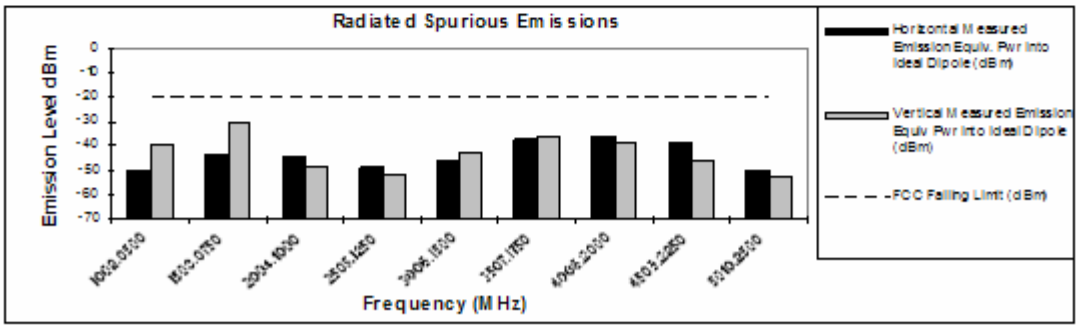
Transmit Radiated Spurious Emissions: ALPHA L
Tx Power: 4 Watts
490.025 MHz **Channel Spacing 12.5kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
980.0500	-20	-49.22	-36.90
1470.0750	-20	-45.34	-29.93
1960.1000	-20	-49.23	-52.91
2450.1250	-20	*	-46.49
2940.1500	-20	-45.62	-46.35
3430.1750	-20	-37.05	-37.67
3920.2000	-20	-35.10	-35.08
4410.2250	-20	-37.49	-47.72
4900.2500	-20	-48.94	-51.37



Transmit Radiated Spurious Emissions: ALPHA L
Tx Power: 4 Watts
501.025 MHz **Channel Spacing 12.5kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1002.0500	-20	-49.96	-38.85
1503.0750	-20	-43.56	-31.17
2004.1000	-20	-44.89	-48.88
2505.1250	-20	-48.40	-51.61
3006.1500	-20	-45.86	-42.81
3507.1750	-20	-37.32	-36.22
4008.2000	-20	-36.05	-38.63
4509.2250	-20	-38.54	-46.15
5010.2500	-20	-50.14	-51.99



* 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 **October 17, 2006**
FCC Registration: 91932 / Industry Canada: IC3679

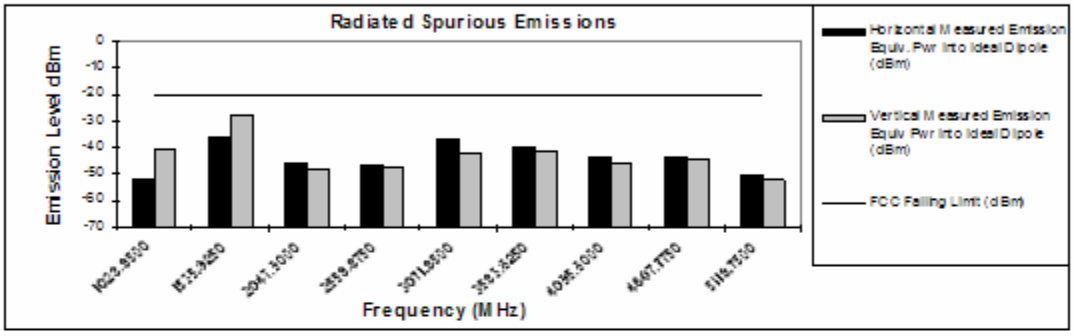
Figure 6G-1: 4 Watts, 490.025 MHz, 12.5 kHz Channel Spacing
& 4 Watts, 501.025 MHz, 12.5 kHz Channel Spacing

Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 4 Watts

511.975 MHz **Channel Spacing 12.5kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-20	-51.65	-40.84
1535.9250	-20	-36.85	-28.05
2047.9000	-20	-46.21	-47.65
2559.8750	-20	-46.94	-47.39
3071.8500	-20	-36.89	-42.47
3583.8250	-20	-39.79	-41.37
4095.8000	-20	-43.39	-45.80
4607.7750	-20	-43.20	-44.04
5119.7500	-20	-50.17	-52.09



* 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 **October 17, 2006**

FCC Registration: 91932 / Industry Canada: IC3679

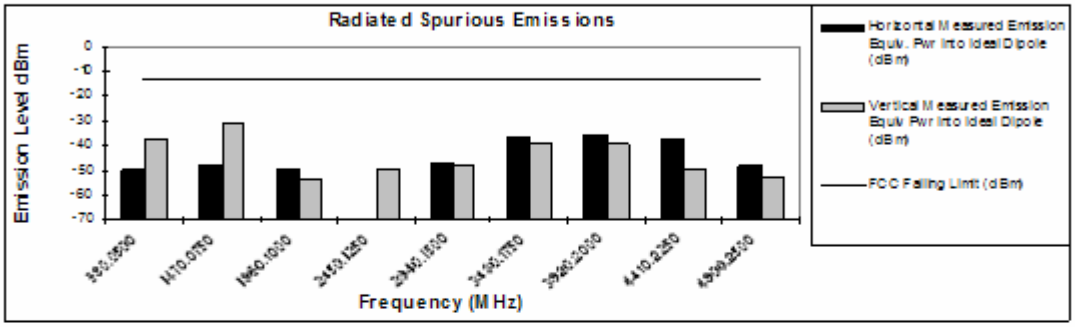
Figure 6G-2: 4 Watts, 511.975 MHz, 12.5 kHz Channel Spacing

Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 4 Watts

490.025 MHz **Channel Spacing 25kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
980.0500	-13	-49.74	-37.14
1470.0750	-13	-47.52	-31.10
1960.1000	-13	-49.63	-53.99
2450.1250	-13	*	-49.32
2940.1500	-13	-46.95	-47.38
3430.1750	-13	-36.50	-39.72
3920.2000	-13	-35.84	-39.53
4410.2250	-13	-37.67	-49.91
4900.2500	-13	-48.31	-53.31

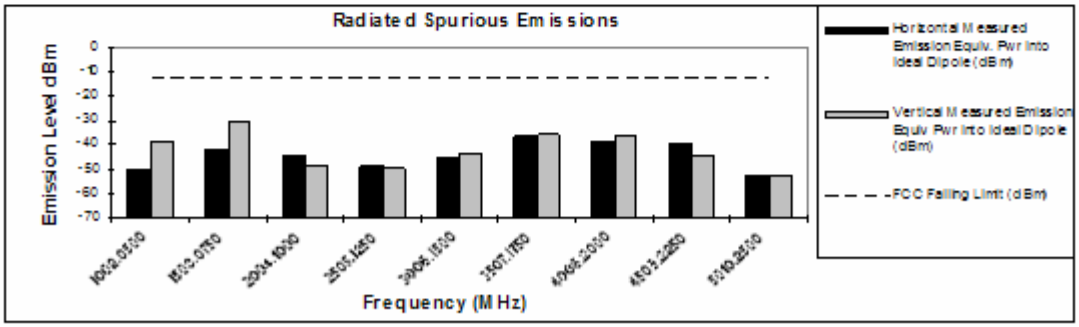


Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 4 Watts

501.025 MHz **Channel Spacing 25kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1002.0500	-13	-50.06	-38.28
1503.0750	-13	-41.72	-31.02
2004.1000	-13	-44.44	-48.48
2505.1250	-13	-48.97	-49.33
3006.1500	-13	-45.55	-42.91
3507.1750	-13	-36.65	-35.44
4008.2000	-13	-38.50	-36.34
4509.2250	-13	-38.82	-44.66
5010.2500	-13	-52.14	-52.02



* 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 **October 17, 2006**

FCC Registration: 91932 / Industry Canada: IC3679

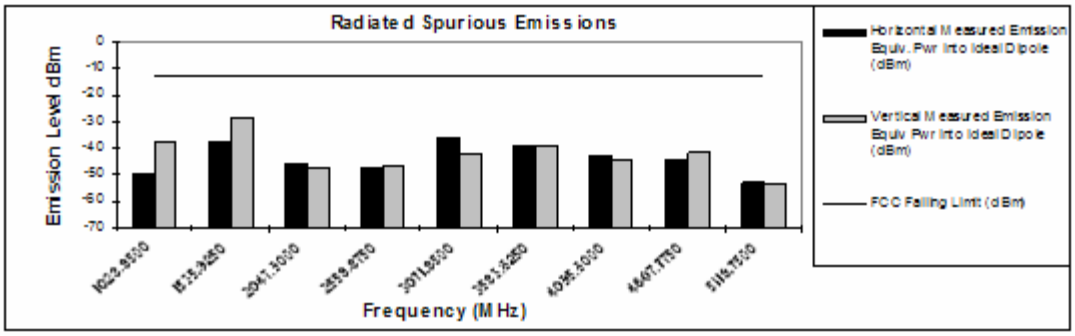
Figure 6G-3: 4 Watts, 490.025 MHz, 25 kHz Channel Spacing
& 4 Watts, 501.025 MHz, 25 kHz Channel Spacing

Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 4 Watts

511.975 MHz **Channel Spacing 25kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-13	-50.11	-37.85
1535.9250	-13	-37.91	-28.39
2047.9000	-13	-46.18	-47.47
2559.8750	-13	-47.61	-46.95
3071.8500	-13	-36.66	-42.44
3583.8250	-13	-38.81	-38.97
4095.8000	-13	-42.77	-45.05
4607.7750	-13	-44.02	-41.74
5119.7500	-13	-52.67	-53.42



* 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 **October 17, 2006**

FCC Registration: 91932 / Industry Canada: IC3679

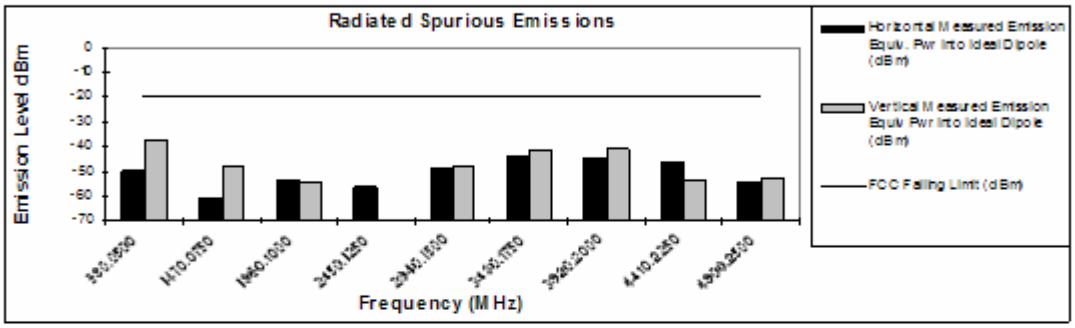
Figure 6G-4: 4 Watts, 511.975 MHz, 25 kHz Channel Spacing

Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 1 Watts

490.025 MHz **Channel Spacing 12.5kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
980.0500	-20	-49.82	-37.14
1470.0750	-20	-61.50	-48.09
1960.1000	-20	-53.51	-54.27
2450.1250	-20	-56.61	*
2940.1500	-20	-48.69	-48.11
3430.1750	-20	-43.99	-41.74
3920.2000	-20	-44.78	-40.60
4410.2250	-20	-46.05	-53.66
4900.2500	-20	-54.51	-53.09

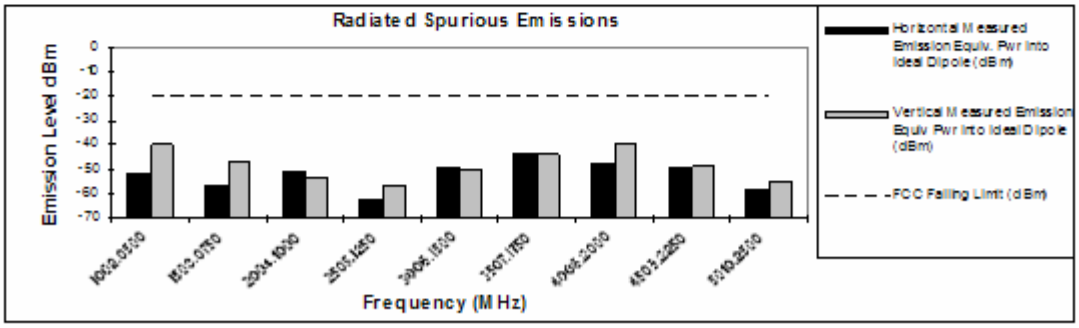


Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 1 Watts

501.025 MHz **Channel Spacing 12.5kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1002.0500	-20	-51.30	-39.53
1503.0750	-20	-56.05	-46.75
2004.1000	-20	-50.55	-53.66
2505.1250	-20	-62.24	-56.03
3006.1500	-20	-49.36	-49.79
3507.1750	-20	-43.22	-43.92
4008.2000	-20	-47.35	-39.86
4509.2250	-20	-49.51	-48.88
5010.2500	-20	-58.39	-54.63



* 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 **October 17, 2006**

FCC Registration: 91932 / Industry Canada: IC3679

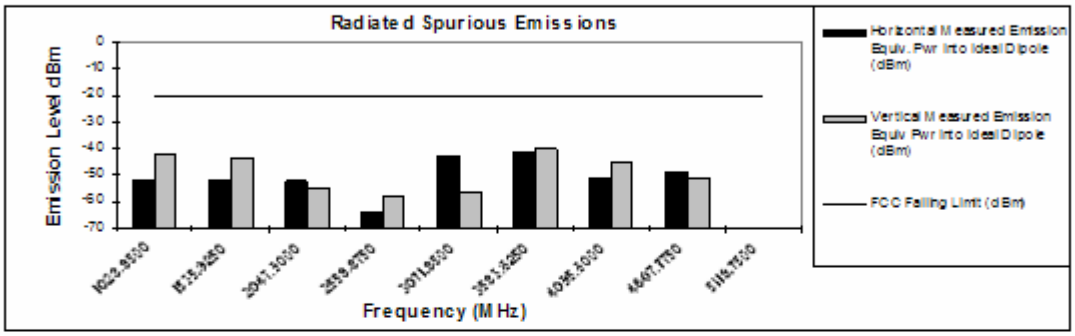
Figure 6G-5: 1 Watts, 490.025 MHz, 12.5 kHz Channel Spacing
& 1 Watts, 501.025 MHz, 12.5 kHz Channel Spacing

Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 1 Watts

511.975 MHz **Channel Spacing 12.5kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-20	-52.33	-42.39
1535.9250	-20	-52.29	-43.32
2047.9000	-20	-52.26	-54.84
2559.8750	-20	-64.19	-57.71
3071.8500	-20	-42.79	-56.46
3583.8250	-20	-41.40	-40.60
4095.8000	-20	-51.16	-45.17
4607.7750	-20	-49.09	-51.09
5119.7500	-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 **October 17, 2006**

FCC Registration: 91932 / Industry Canada: IC3679

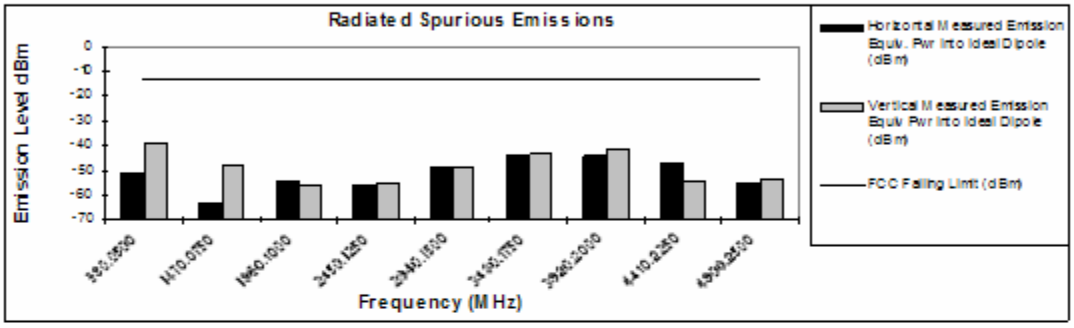
Figure 6G-6: 1 Watts, 511.975 MHz, 12.5 kHz Channel Spacing

Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 1 Watts

490.025 MHz **Channel Spacing 25kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
980.0500	-13	-51.15	-38.45
1470.0750	-13	-62.89	-48.12
1960.1000	-13	-54.08	-56.11
2450.1250	-13	-55.91	-54.89
2940.1500	-13	-49.19	-48.86
3430.1750	-13	-44.50	-43.25
3920.2000	-13	-43.92	-41.20
4410.2250	-13	-46.80	-54.67
4900.2500	-13	-55.21	-53.41

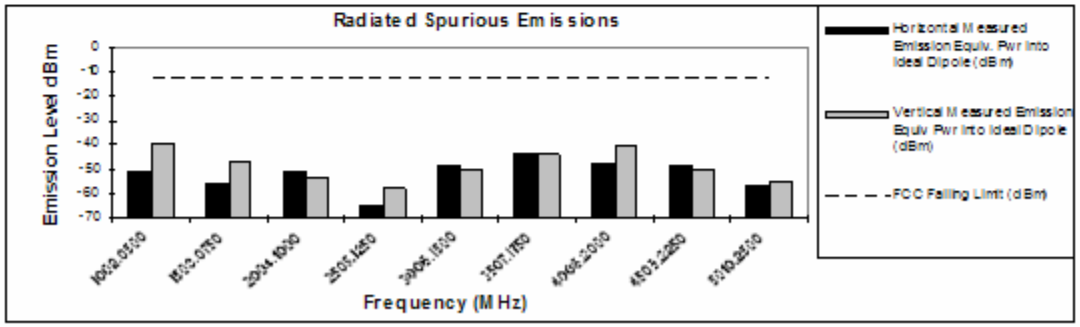


Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 1 Watts

501.025 MHz **Channel Spacing 25kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1002.0500	-13	-50.80	-38.81
1503.0750	-13	-55.29	-46.55
2004.1000	-13	-51.03	-53.79
2505.1250	-13	-64.34	-57.89
3006.1500	-13	-48.75	-50.00
3507.1750	-13	-43.12	-43.96
4008.2000	-13	-47.14	-40.64
4509.2250	-13	-48.89	-50.24
5010.2500	-13	-56.24	-54.76



* 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 **October 17, 2006**

FCC Registration: 91932 / Industry Canada: IC3679

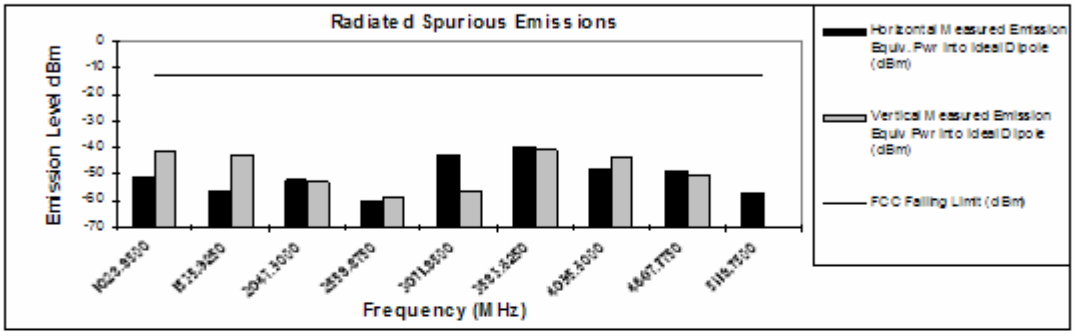
Figure 6G-7: 1 Watts, 490.025 MHz, 25 kHz Channel Spacing
& 1 Watts, 501.025 MHz, 25 kHz Channel Spacing

Transmit Radiated Spurious Emissions: ALPHA L

Tx Power: 1 Watts

511.975 MHz **Channel Spacing 25kHz | S/N 0277GU3646**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9500	-13	-50.77	-41.50
1535.9250	-13	-56.05	-42.65
2047.9000	-13	-52.54	-52.95
2559.8750	-13	-60.65	-58.46
3071.8500	-13	-42.93	-56.63
3583.8250	-13	-39.86	-41.21
4095.8000	-13	-48.42	-43.34
4607.7750	-13	-49.19	-50.47
5119.7500	-13	-57.66	*



* 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 **October 17, 2006**

FCC Registration: 91932 / Industry Canada: IC3679

Figure 6G-8: 1 Watts, 511.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6H
Frequency Stability - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

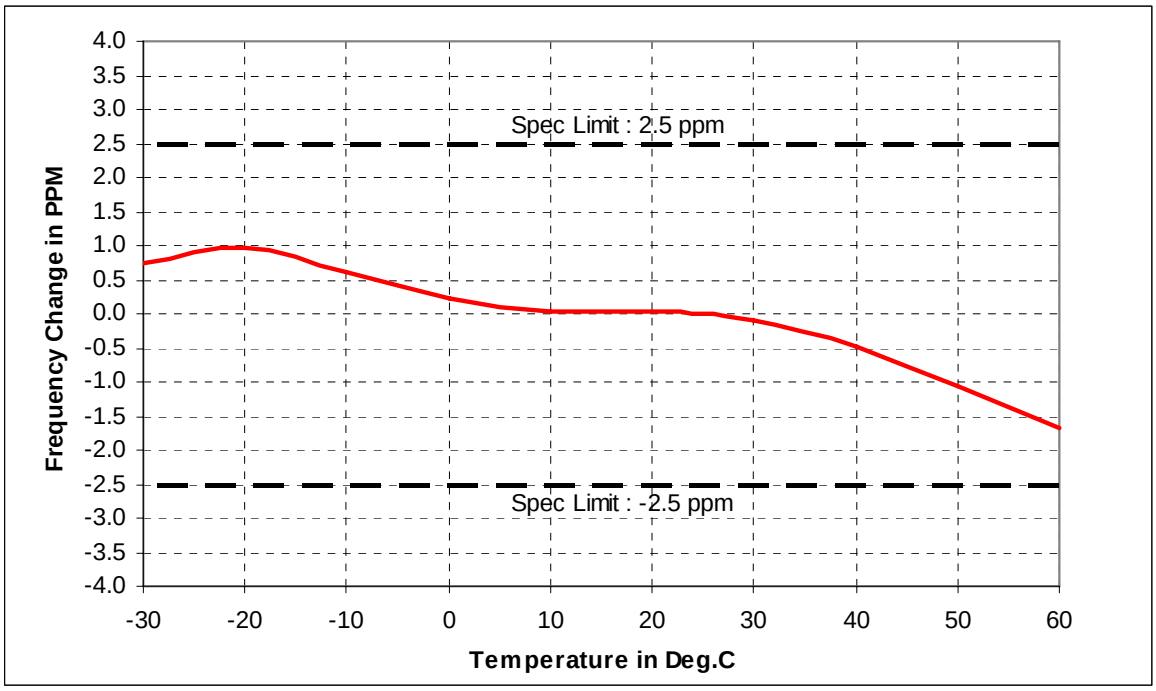


Figure 6H-1: Frequency Stability vs. Temperature

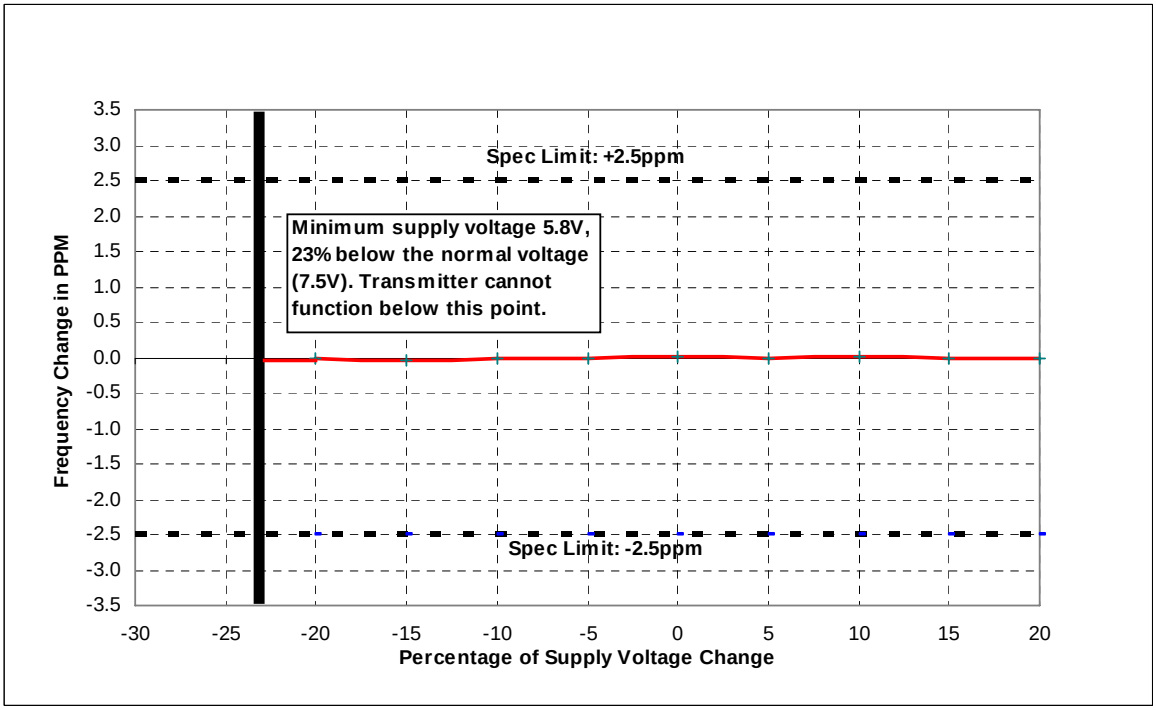


Figure 6H-2: Frequency Stability vs. Supply Voltage

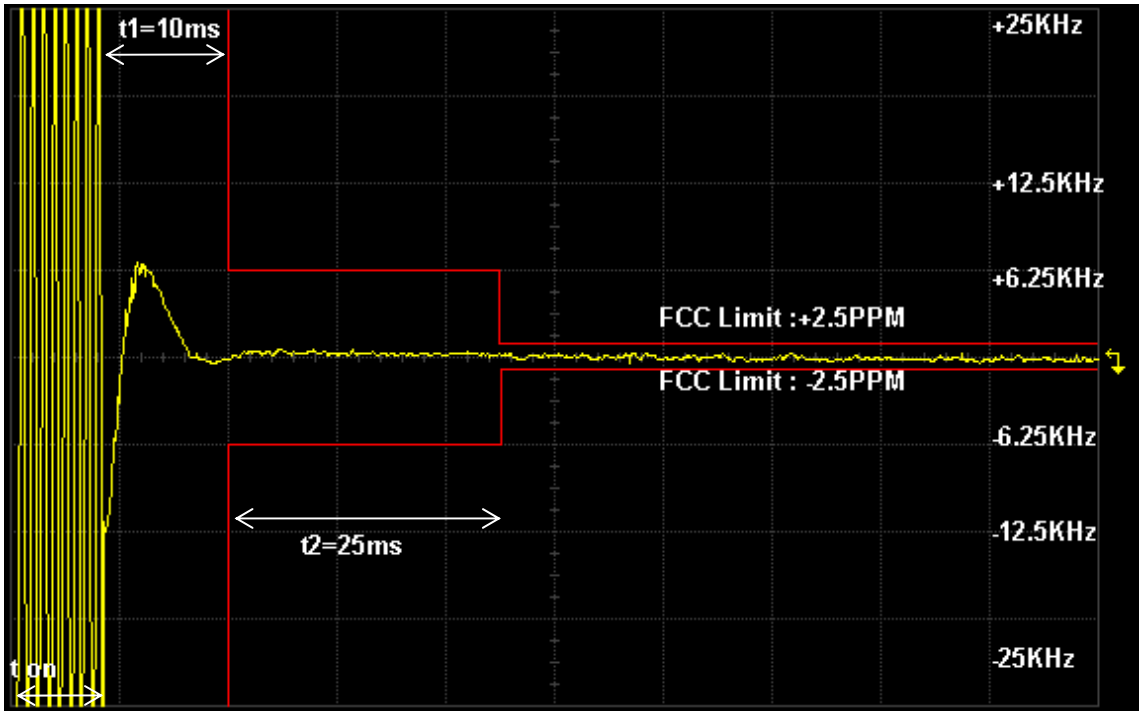


Figure 6I-1: 4 Watts, 12.5 kHz, 501.025 MHz, Key-Up Attack Time

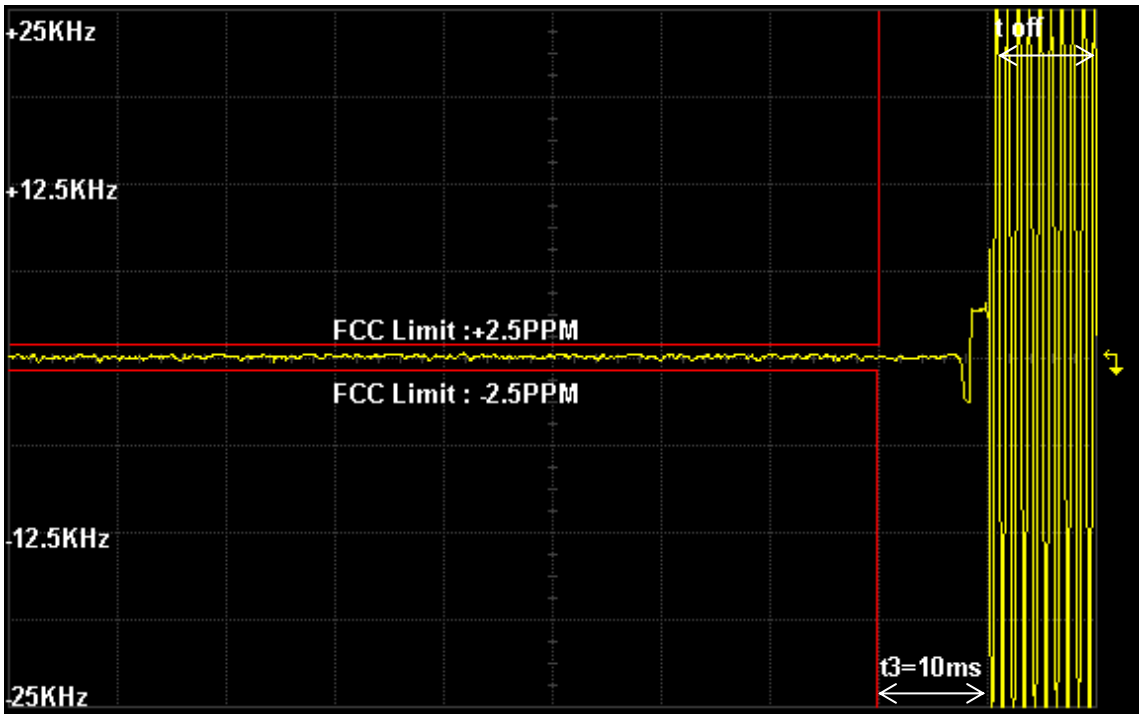


Figure 6I-2: 4 Watts, 12.5 kHz, 501.025 MHz, De-Key Decay Time

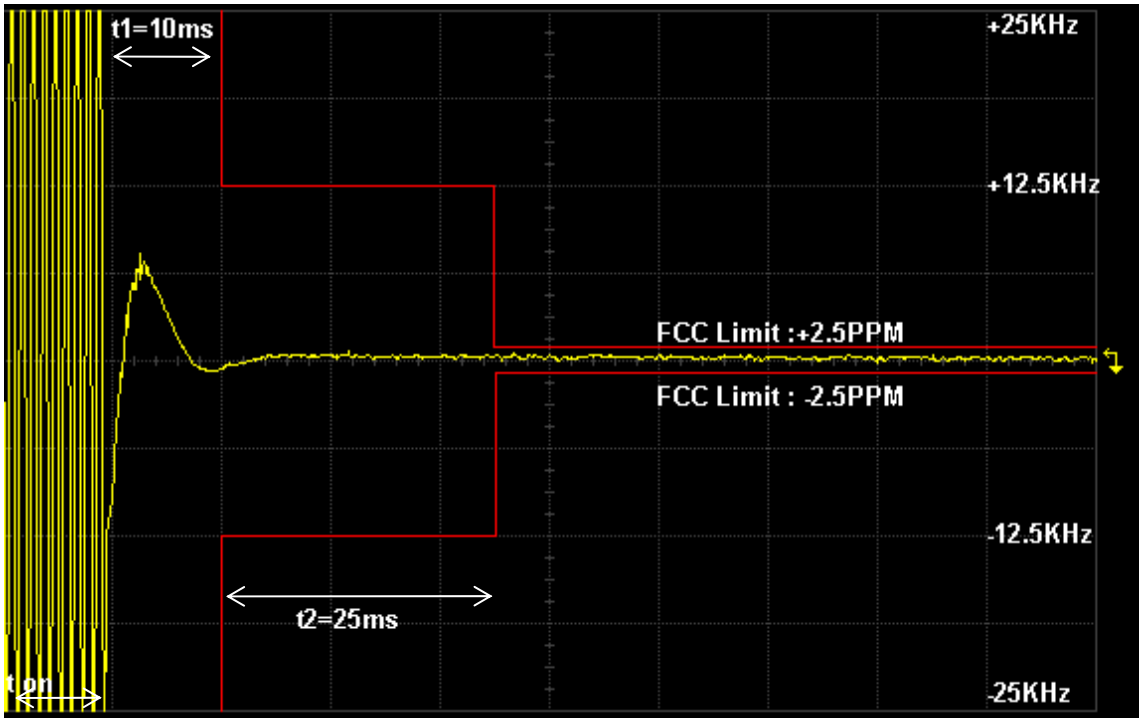


Figure 6I-3: 4 Watts, 25 kHz, 501.025 MHz, Key-Up Attack Time

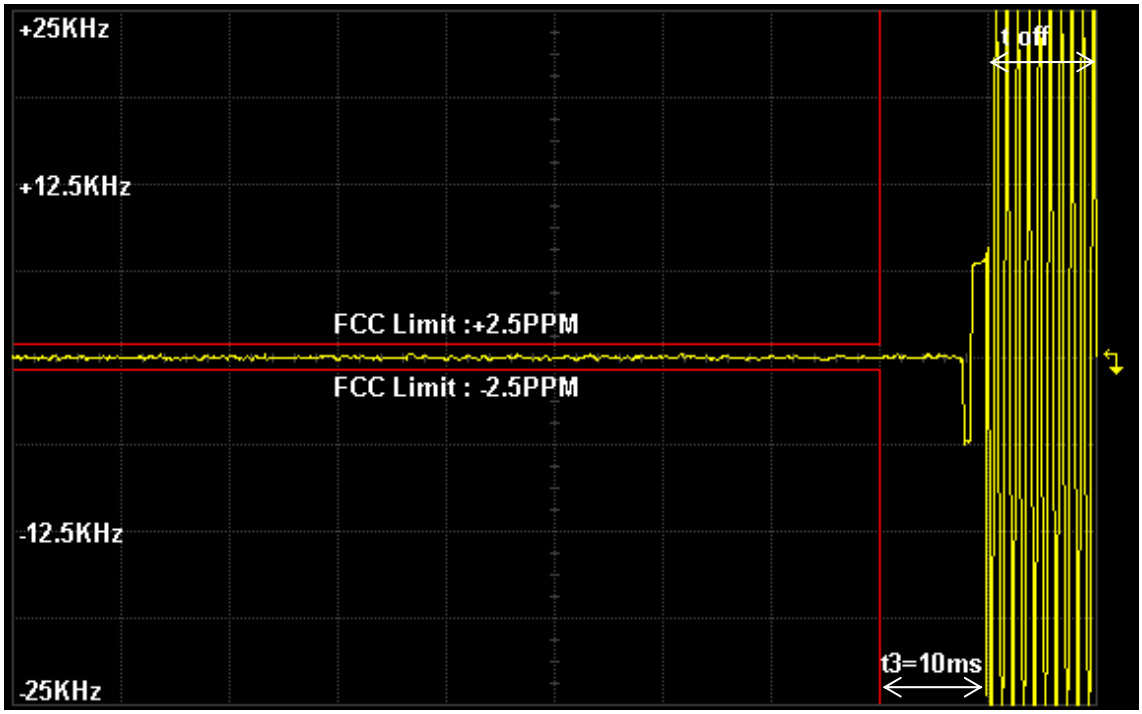


Figure 6I-4: 4 Watts, 25 kHz, 501.025 MHz, De-Key Decay Time

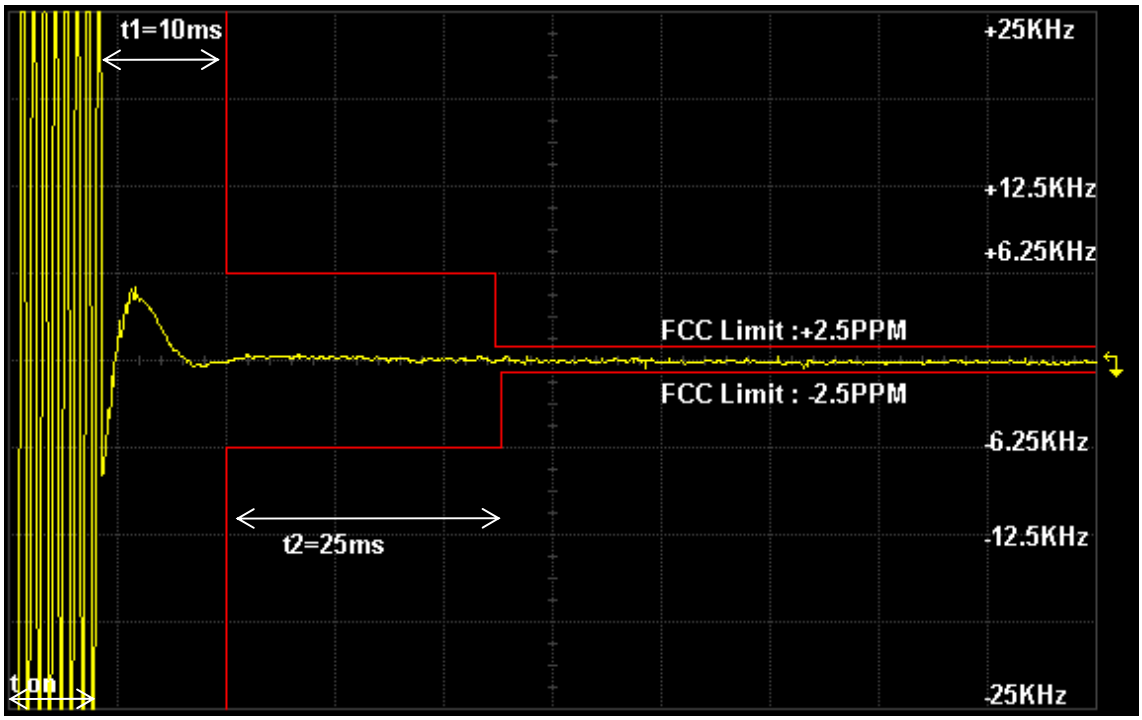


Figure 6I-5: 1 Watt, 12.5 kHz, 501.025 MHz, Key-Up Attack Time

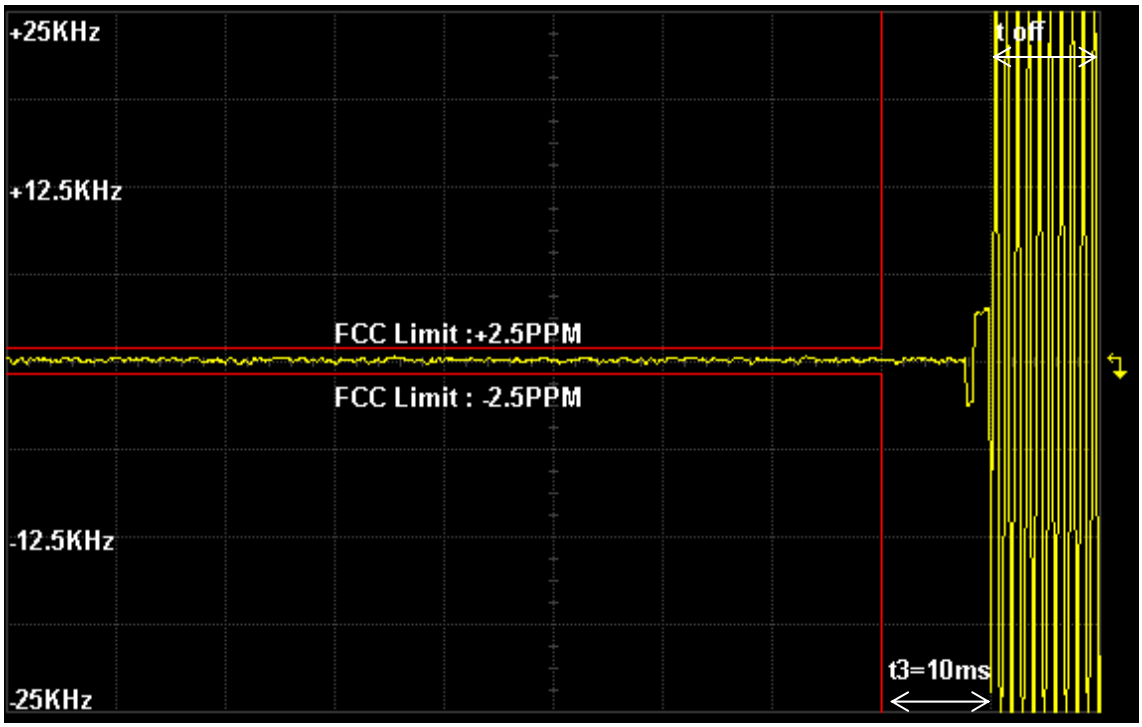


Figure 6I-6: 1 Watt, 12.5 kHz, 501.025 MHz, De-Key Decay Time

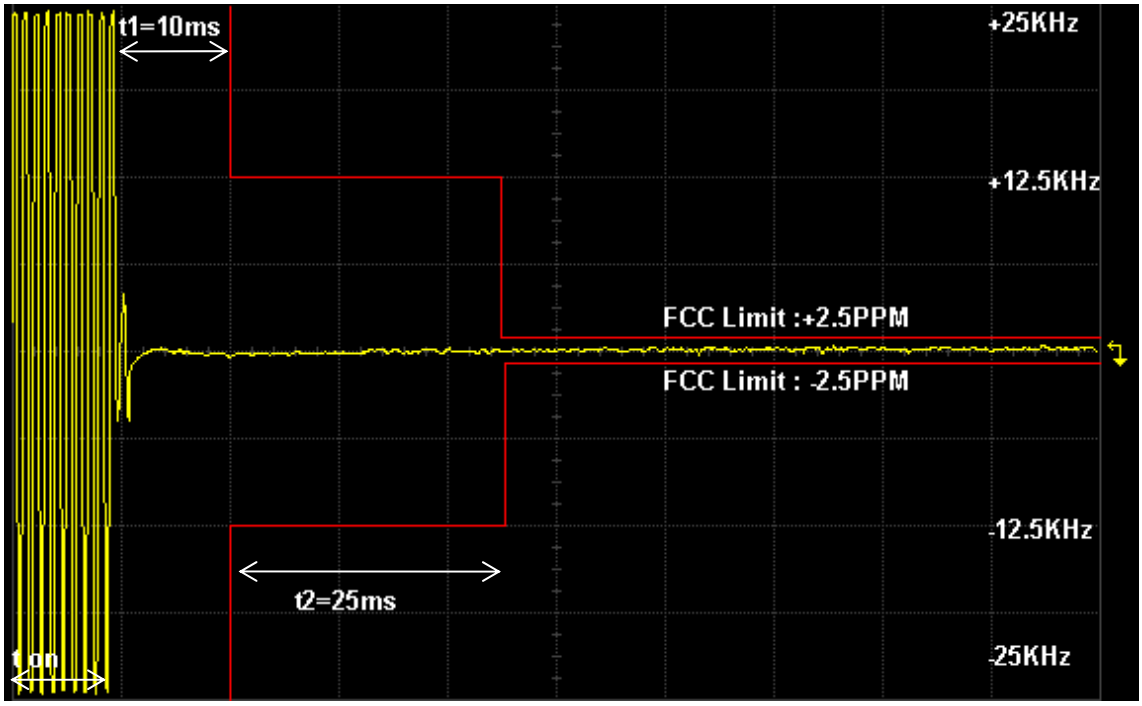


Figure 6I-7: 1 Watt, 25 kHz, 501.025 MHz, Key-Up Attack Time

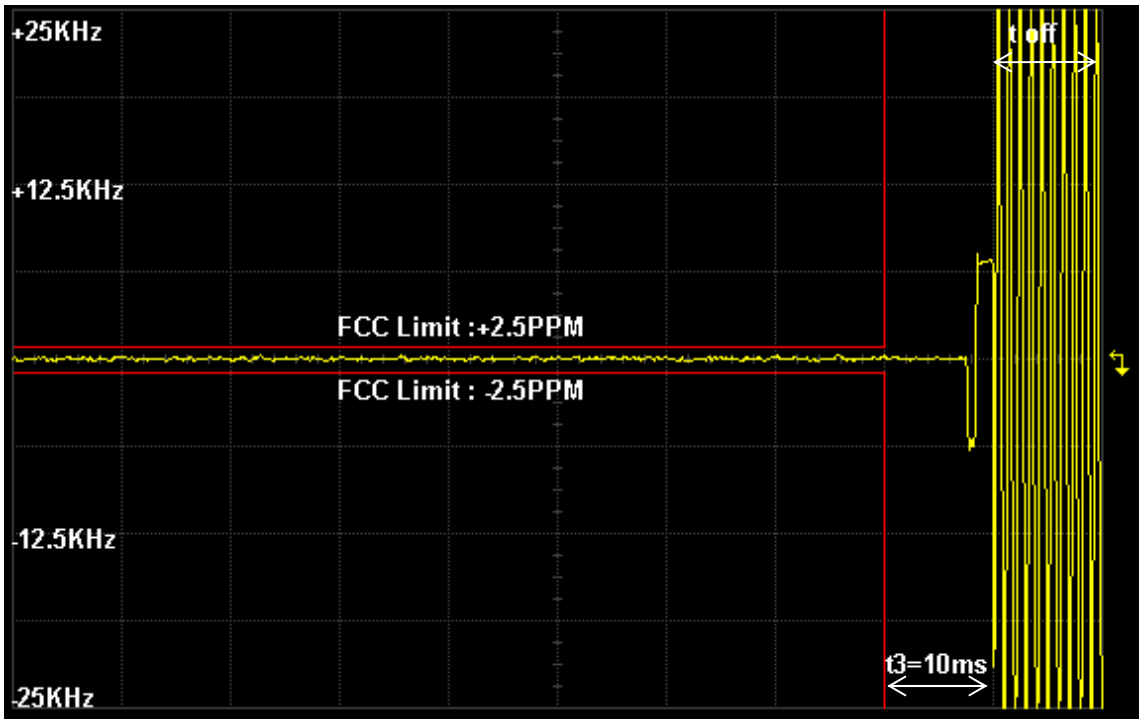
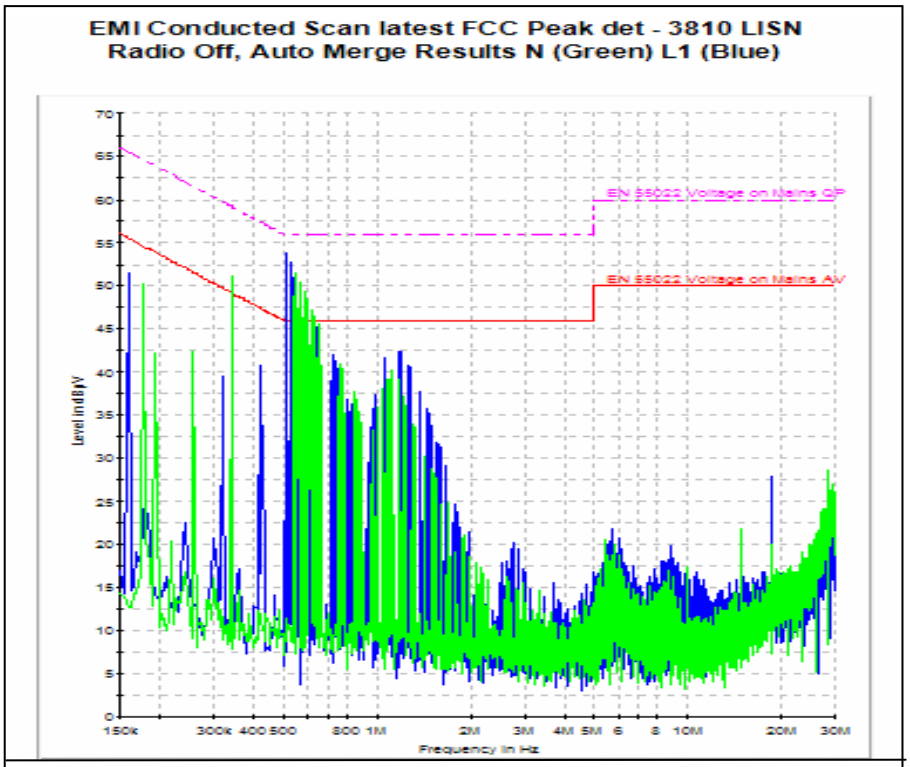


Figure 6I-8: 1 Watt, 25 kHz, 501.025 MHz, De-Key Decay Time



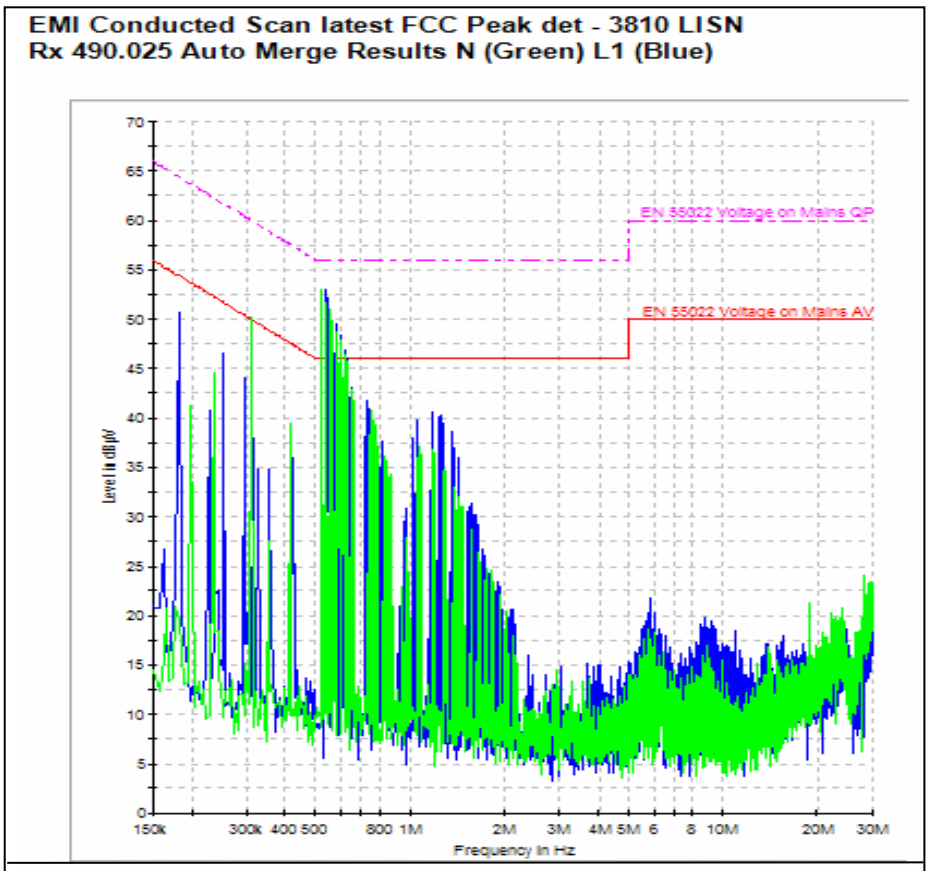
Radio Off, Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.342000	54.7	25.1	9000.000	GND	L1
0.518000	46.9	16.9	9000.000	GND	L1
0.534000	45.7	15.4	9000.000	GND	L1
0.550000	44.5	14.7	9000.000	GND	L1
0.566000	43.2	13.7	9000.000	GND	L1
0.582000	42.0	12.8	9000.000	GND	L1
0.342000	54.6	25.1	9000.000	GND	N
0.518000	46.7	16.7	9000.000	GND	N
0.534000	45.6	15.7	9000.000	GND	N
0.550000	44.2	14.6	9000.000	GND	N
0.566000	43.0	13.4	9000.000	GND	N
0.582000	41.9	12.7	9000.000	GND	N

Radio Off, Limits

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
342000	54.70	60.48	5.78	25.10	50.48	25.38	L1
342000	54.60	60.48	5.88	25.10	50.48	25.38	N
500kHz - 5MHz							
518000	46.90	56.00	9.10	16.90	46.00	29.10	L1
534000	45.70	56.00	10.30	15.40	46.00	30.60	L1
550000	44.50	56.00	11.50	14.70	46.00	31.30	L1
566000	43.20	56.00	12.80	13.70	46.00	32.30	L1
582000	42.00	56.00	14.00	12.80	46.00	33.20	L1
518000	46.70	56.00	9.30	16.70	46.00	29.30	N
534000	45.60	56.00	10.40	15.70	46.00	30.30	N
550000	44.20	56.00	11.80	14.60	46.00	31.40	N
566000	43.00	56.00	13.00	13.40	46.00	32.60	N
582000	41.90	56.00	14.10	12.70	46.00	33.30	N

Figure 6J-1: Radio off Line/Neutral



Rx 490.025 Result Table_Single

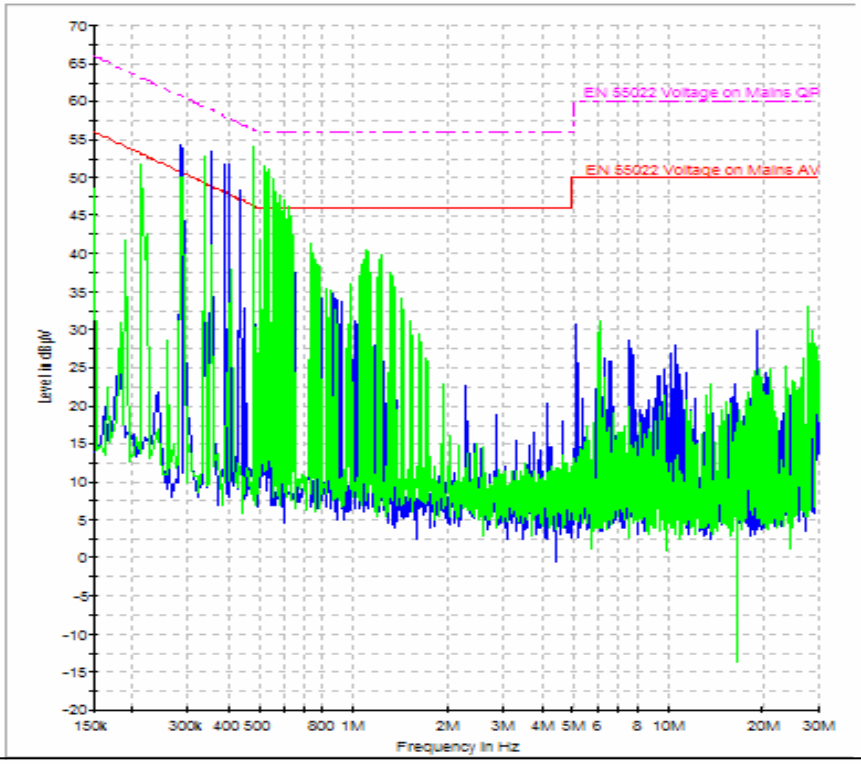
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.307500	55.6	25.7	9000.000	GND	L1
0.522000	46.8	16.3	9000.000	GND	L1
0.534000	45.9	15.6	9000.000	GND	L1
0.546000	44.8	14.5	9000.000	GND	L1
0.550000	44.4	14.1	9000.000	GND	L1
0.578000	42.2	13.1	9000.000	GND	L1
0.307500	55.5	25.8	9000.000	GND	N
0.522000	46.3	16.1	9000.000	GND	N
0.534000	45.4	15.7	9000.000	GND	N
0.546000	44.3	14.6	9000.000	GND	N
0.550000	43.9	13.8	9000.000	GND	N
0.578000	41.6	12.7	9000.000	GND	N

Rx 490.025 Limits

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
307500	55.60	61.47	5.87	25.70	51.47	25.77	L1
307500	55.50	61.47	5.97	25.80	51.47	25.67	N
500kHz - 5MHz							
522000	46.80	56.00	9.20	16.30	46.00	29.70	L1
534000	45.90	56.00	10.10	15.60	46.00	30.40	L1
546000	44.80	56.00	11.20	14.50	46.00	31.50	L1
550000	44.40	56.00	11.60	14.10	46.00	31.90	L1
578000	42.20	56.00	13.80	13.10	46.00	32.90	L1
522000	46.30	56.00	9.70	16.10	46.00	29.90	N
534000	45.40	56.00	10.60	15.70	46.00	30.30	N
546000	44.30	56.00	11.70	14.60	46.00	31.40	N
550000	43.90	56.00	12.10	13.80	46.00	32.20	N
578000	41.60	56.00	14.40	12.70	46.00	33.30	N

Figure 6J-2: Radio On, Rx Line/Neutral

EMI Conducted Scan latest FCC Peak det - 3810 LISN
Tx 511.975 Auto Merge Results N (Green) L1 (Blue)



Tx 511.975 Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.282000	56.4	26.3	9000.000	GND	L1
0.338000	54.7	25.2	9000.000	GND	L1
0.354000	54.6	25.0	9000.000	GND	L1
0.406000	53.1	23.8	9000.000	GND	L1
0.486000	48.9	18.8	9000.000	GND	L1
0.518000	46.9	16.7	9000.000	GND	L1
0.282000	55.6	26.4	9000.000	GND	N
0.338000	55.2	25.2	9000.000	GND	N
0.354000	54.3	24.9	9000.000	GND	N
0.406000	53.1	20.5	9000.000	GND	N
0.486000	48.8	18.4	9000.000	GND	N
0.518000	46.5	16.5	9000.000	GND	N

Tx 511.975 Limits

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
282000	56.40	62.21	5.81	26.30	52.21	25.91	L1
338000	54.70	60.60	5.90	25.20	50.60	25.40	L1
354000	54.60	60.14	5.54	25.00	50.14	25.14	L1
406000	53.10	58.64	5.54	23.80	48.64	24.84	L1
486000	48.90	56.34	7.44	18.80	46.34	27.54	L1
282000	55.60	62.21	6.61	26.40	52.21	25.81	N
338000	55.20	60.60	5.40	25.20	50.60	25.40	N
354000	54.30	60.14	5.84	24.90	50.14	25.24	N
406000	53.10	58.64	5.54	20.50	48.64	28.14	N
486000	48.80	56.34	7.54	18.40	46.34	27.94	N
500kHz - 5MHz							
518000	46.90	56.00	9.10	16.70	46.00	29.30	L1
518000	46.50	56.00	9.50	16.50	46.00	29.50	N

Figure 6J-3: Radio on Tx Line/Neutral