

EXHIBIT 6

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This exhibit contains the measured data for this equipment as follows:

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6I-4 – 5 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 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 (Q101).

At maximum output power setting, Frequency 450.025 MHz:

Output RF power	4.44 Watts
DC Voltage	7.50 Volts
DC Current	1.41 Amps
DC Input Power	10.58 Watts

At minimum output power setting, Frequency 450.025 MHz:

Output RF power	0.90 Watts
DC Voltage	7.50 Volts
DC Current	0.39 Amps
DC Input Power	2.93 Watts

At maximum output power setting, Frequency 460.025 MHz:

Output RF power	4.48 Watts
DC Voltage	7.50 Volts
DC Current	1.40 Amps
DC Input Power	10.5 Watts

At minimum output power setting, Frequency 460.025 MHz:

Output RF power	1.07 Watts
DC Voltage	7.50 Volts
DC Current	0.38 Amps
DC Input Power	2.85 Watts

At maximum output power setting, Frequency 469.975 MHz:

Output RF power	4.46 Watts
DC Voltage	7.50 Volts
DC Current	1.39 Amps
DC Input Power	10.43 Watts

At minimum output power setting, Frequency 469.975 MHz:

Output RF power	1.11 Watts
DC Voltage	7.50 Volts
DC Current	0.38 Amps
DC Input Power	2.85 Watts

EXHIBIT 6B

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

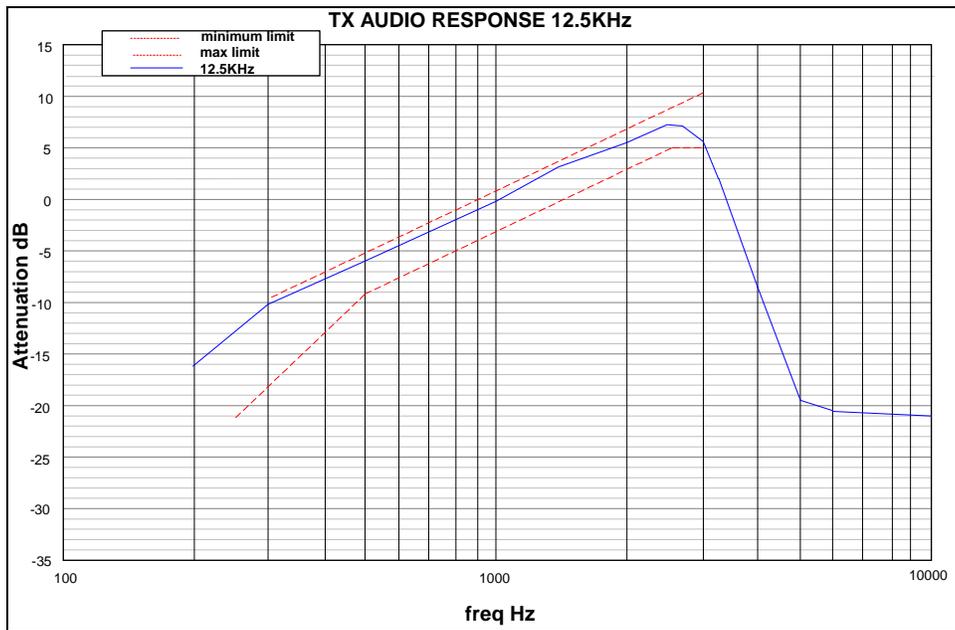


Figure 6B-1: 12.5 kHz Channel Spacing, 460.025 MHz, Transmit Audio Frequency Response

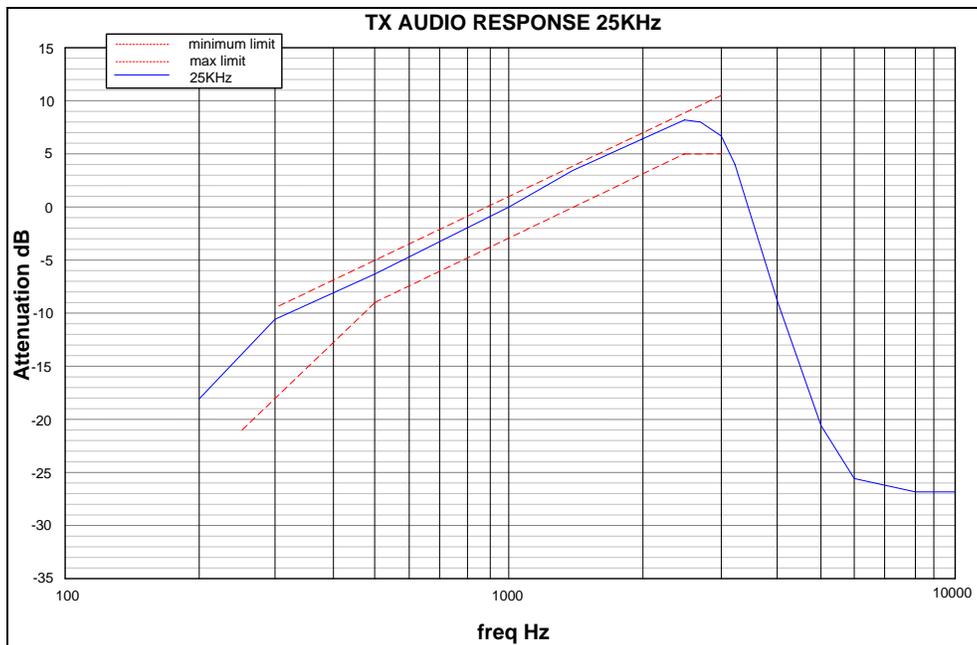


Figure 6B-2: 25 kHz Channel Spacing, 460.025 MHz, Transmit Audio Frequency Response

EXHIBIT 6C

Transmit Audio Post Limiter Low Pass Filter Response - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

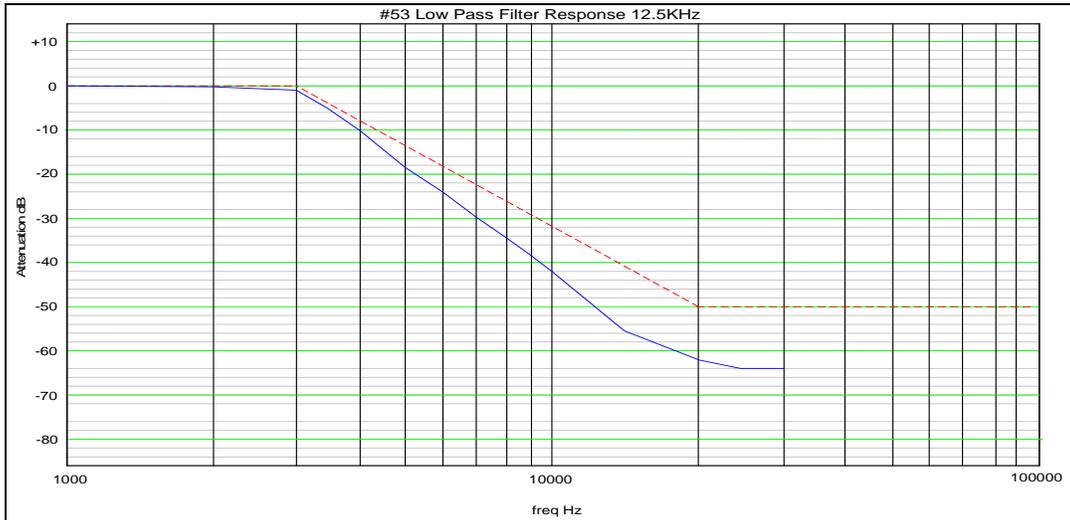


Figure 6C-1: 12.5 kHz Channel Spacing, 460.025 MHz, Transmit Audio Low Pass Filter Response

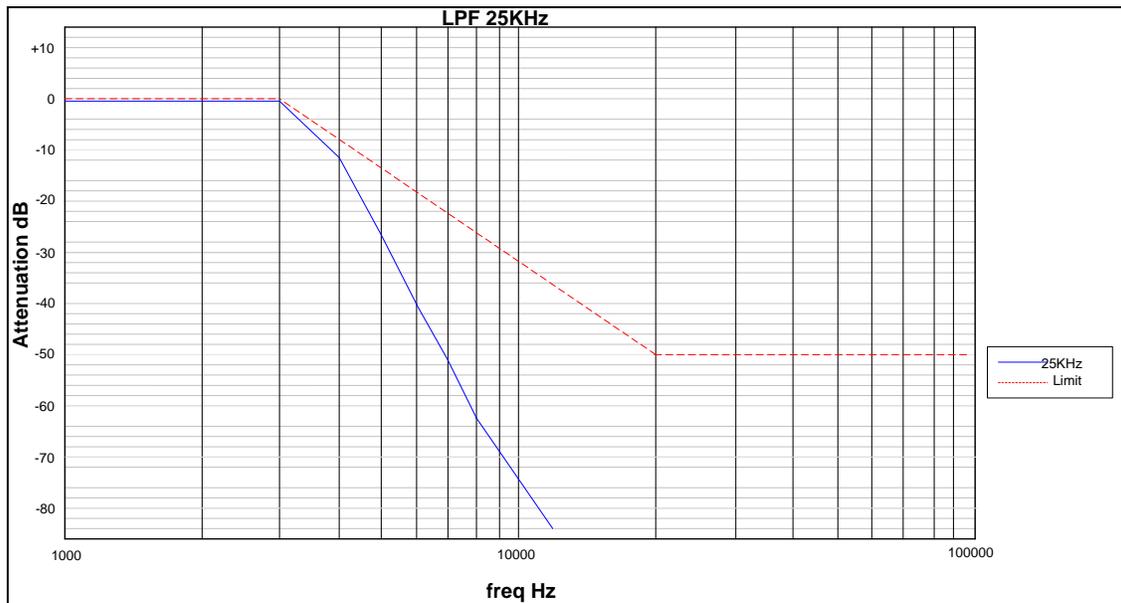


Figure 6C-2: 25 kHz Channel Spacing, 460.025 MHz, Transmit Audio Low Pass Filter Response

EXHIBIT 6D

Modulation Limiting - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

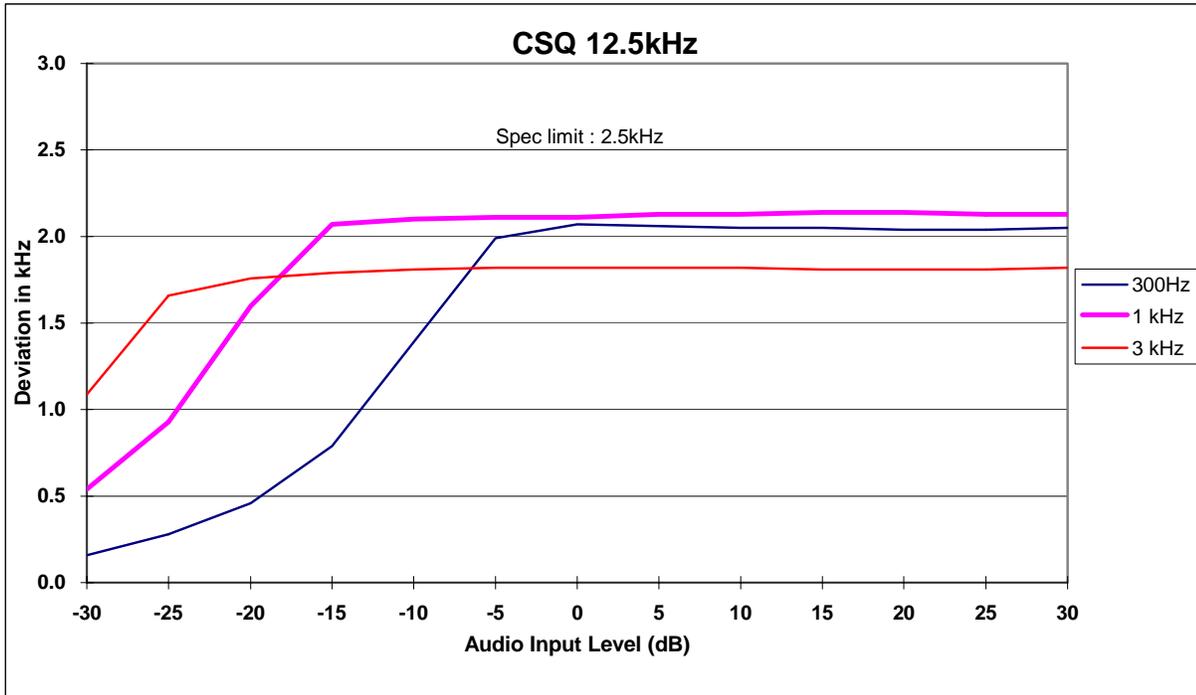


Figure 6D-1: 12.5 kHz Channel Spacing, 460.025 MHz, Carrier Squelch (CSQ) Mode

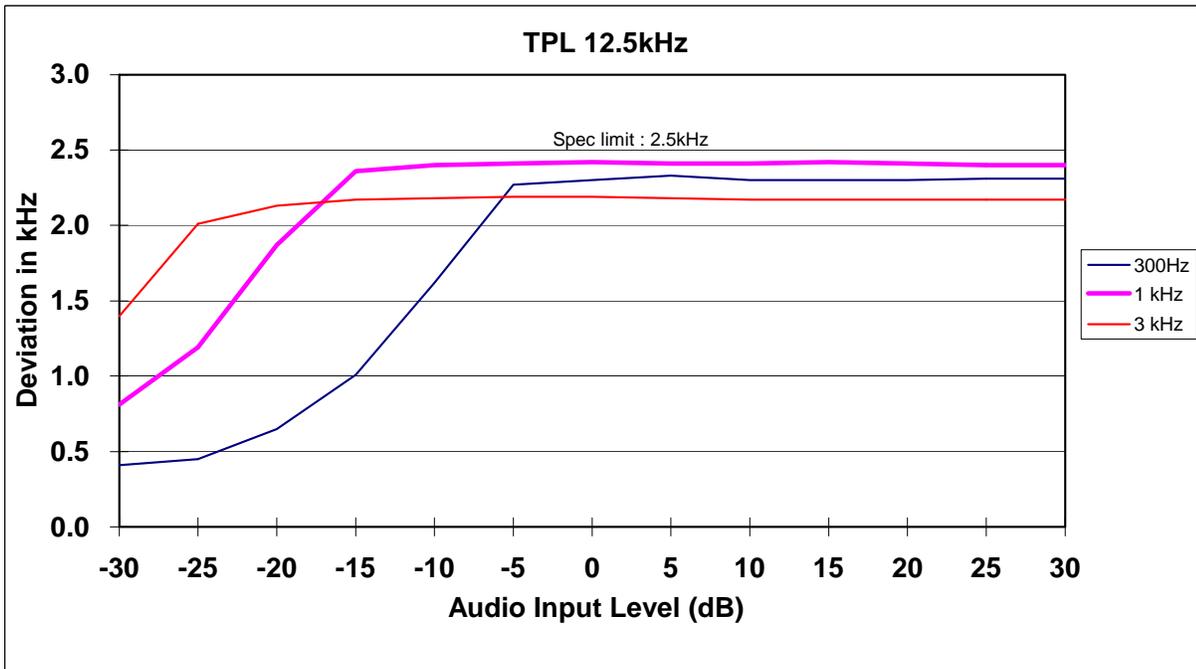


Figure 6D-2: 12.5 kHz Channel Spacing, 460.025 MHz, Tone Private Line (TPL) Mode

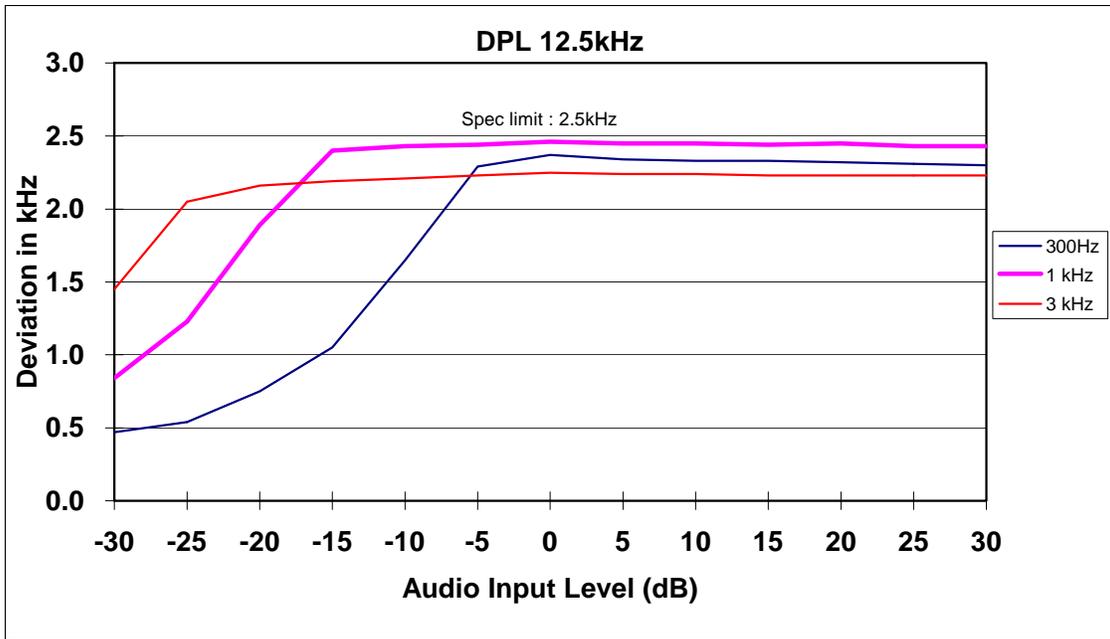


Figure 6D-3: 12.5 kHz Channel Spacing, 460.025 MHz, Digital Private Line (DPL) Mode

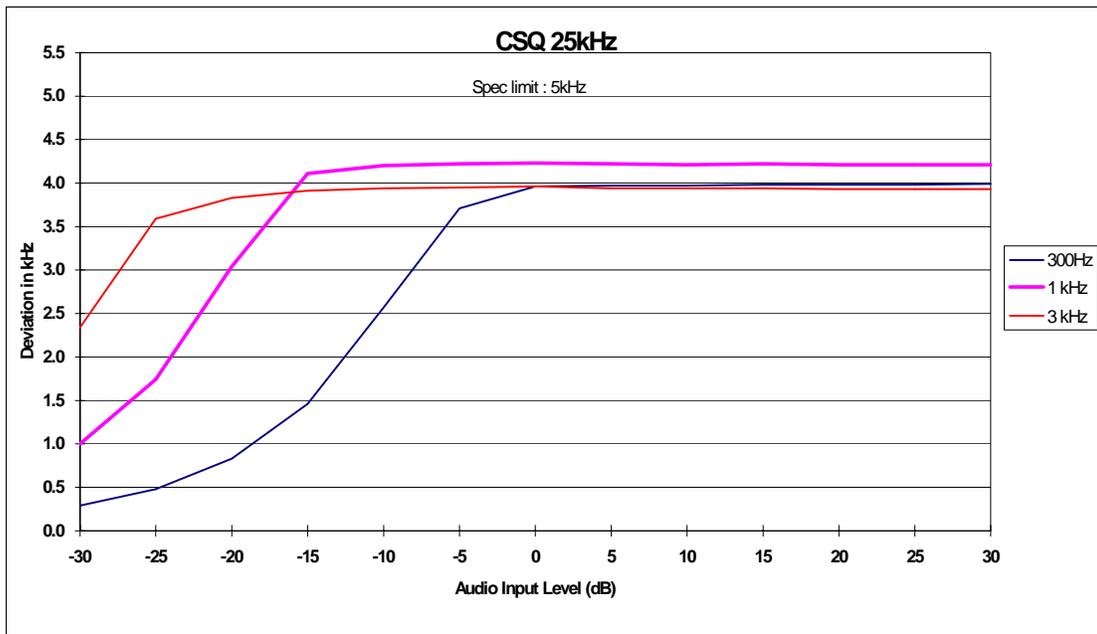


Figure 6D-4: 25 kHz Channel Spacing, 460.025 MHz, Carrier Squelch (CSQ) Mode

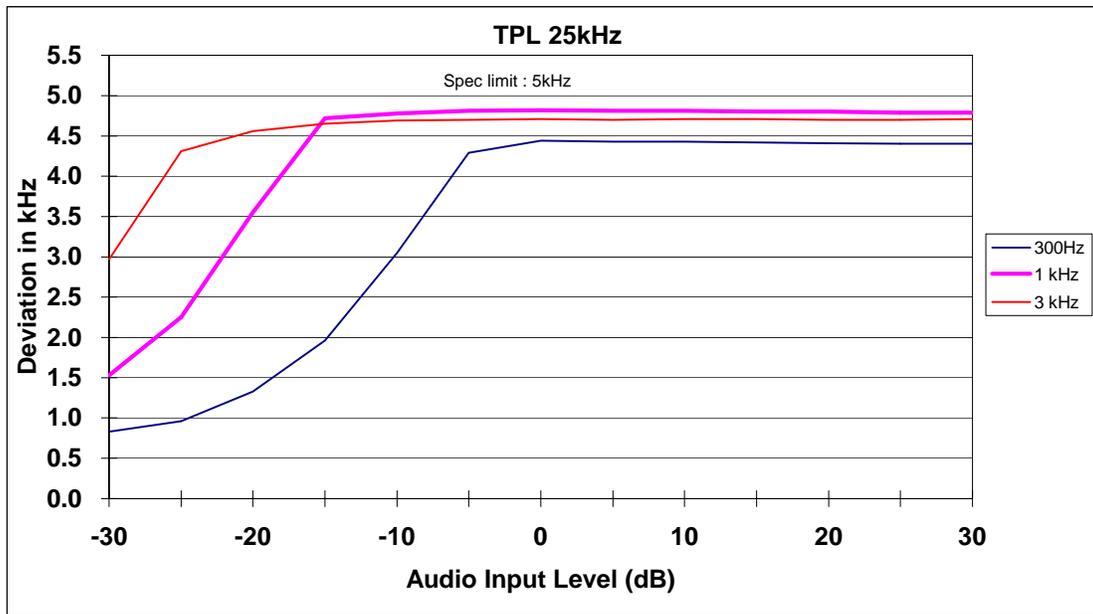


Figure 6D-5: 25 kHz Channel Spacing, 460.025 MHz, Tone Private Line (TPL) Mode

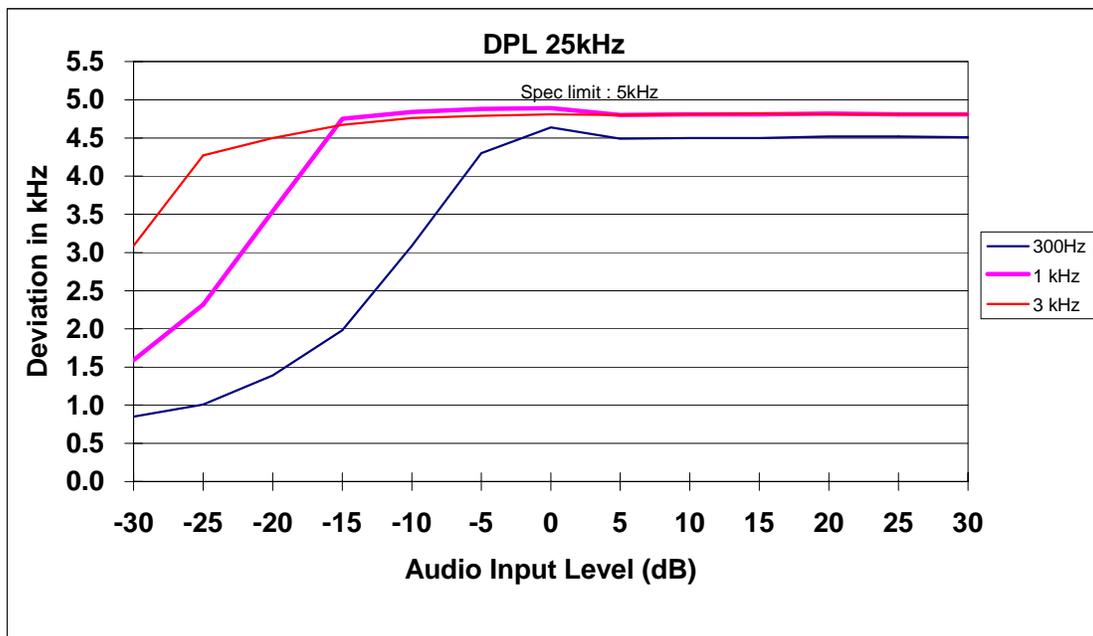


Figure 6D-6: 25 kHz Channel Spacing, 460.025 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E

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

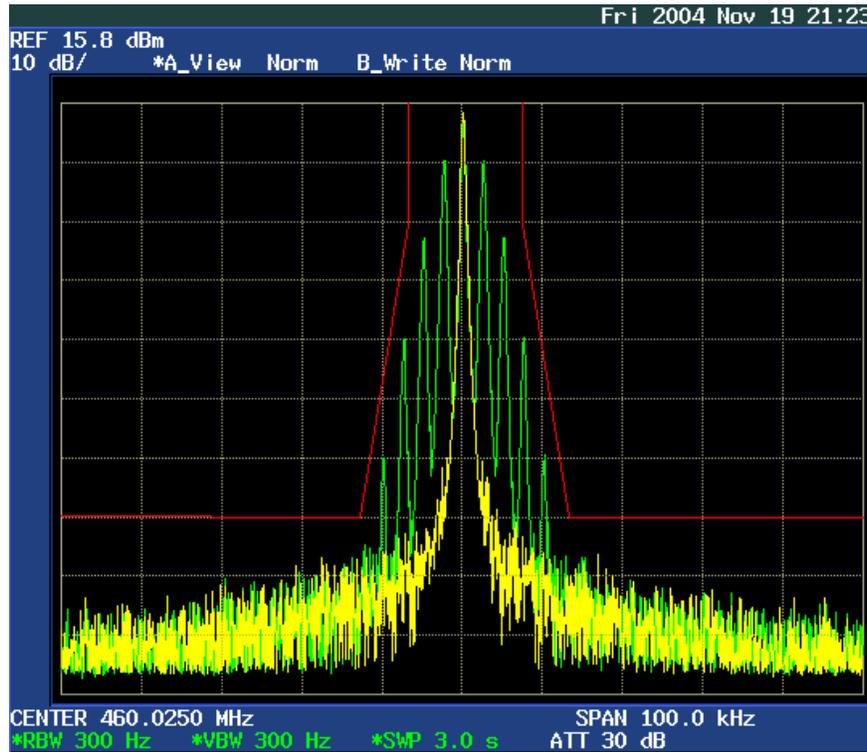


Figure 6E-1: 12.5 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio Modulation Only, Mask D

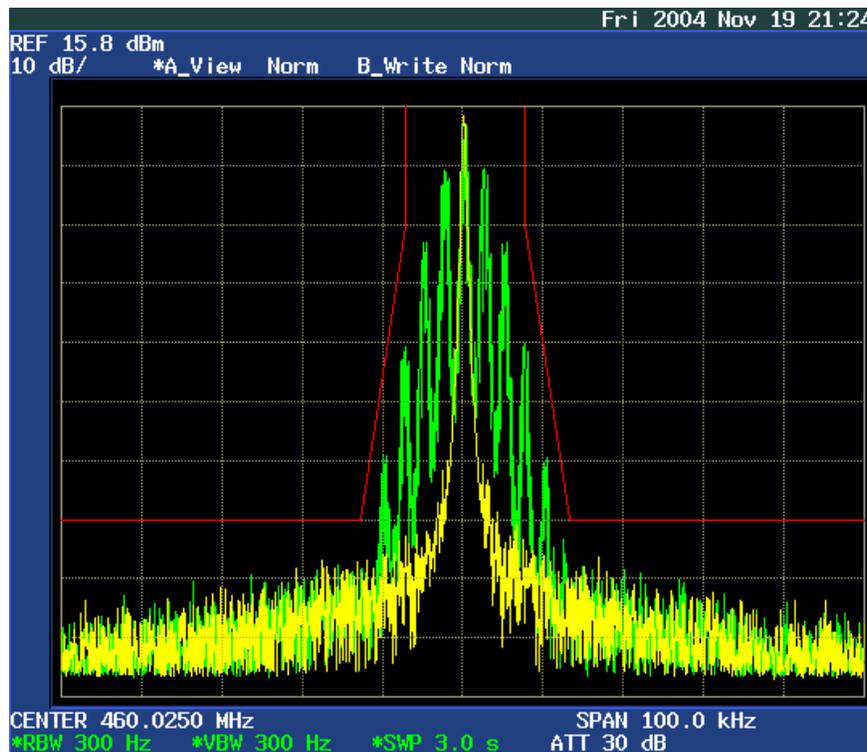


Figure 6E-2: 12.5 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and PL Tone Modulation, Mask D

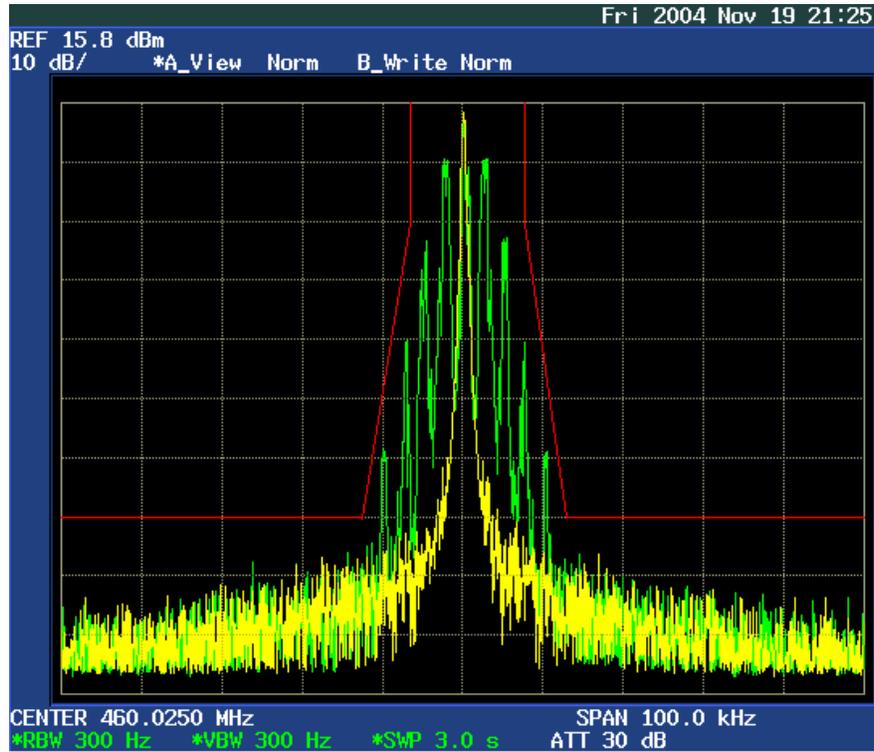


Figure 6E-3: 12.5 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask D

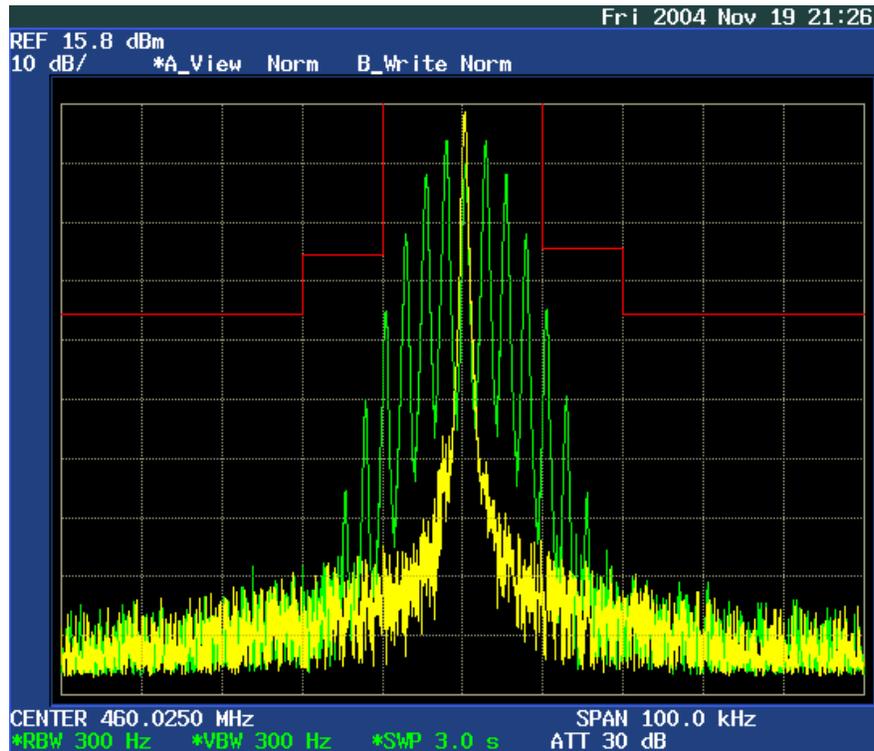


Figure 6E-4: 25 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio Modulation Only, Mask B

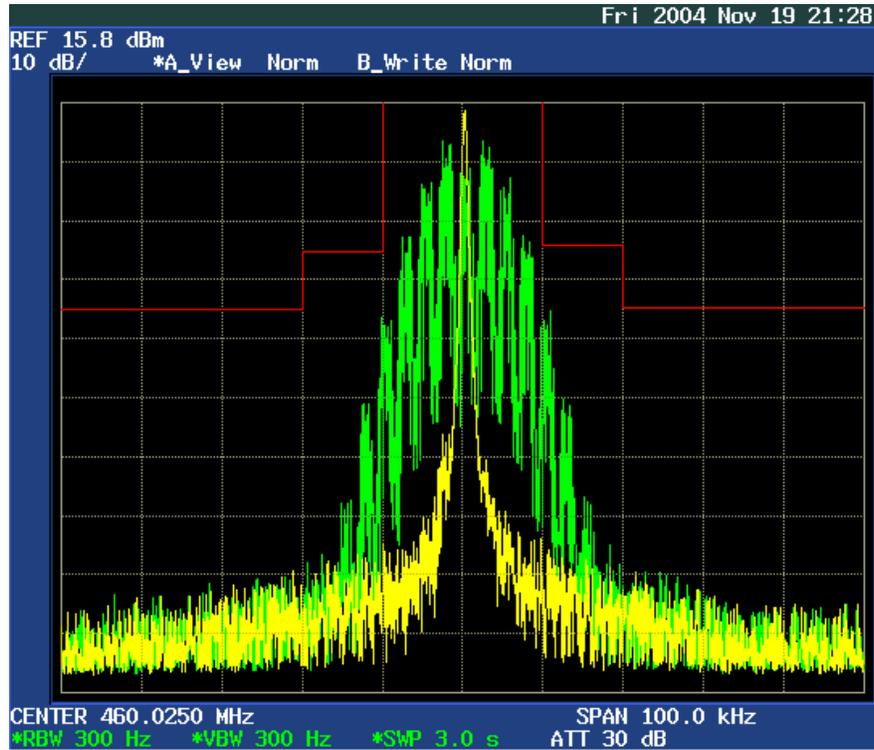


Figure 6E-5: 25 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and PL Tone Modulation, Mask B

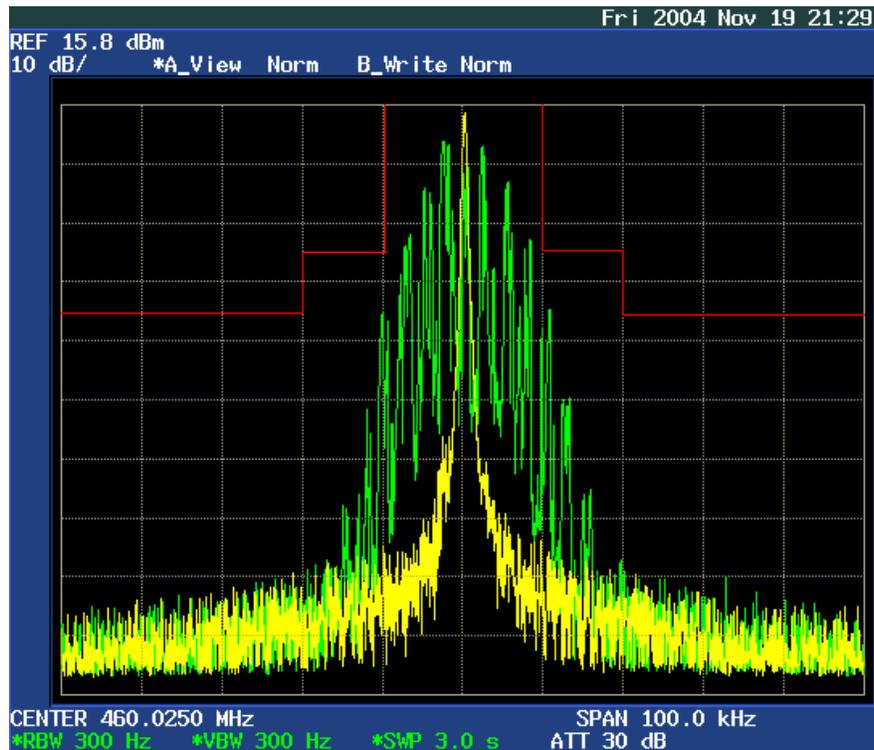


Figure 6E-6: 25 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask B

EXHIBIT 6F

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

Note: Red lines on graphs correspond to the FCC limit of -13dBm.



Table 6F-1: 1 Watt Harmonic of Carrier 450.025 MHz, 12.5 kHz Channel Spacing

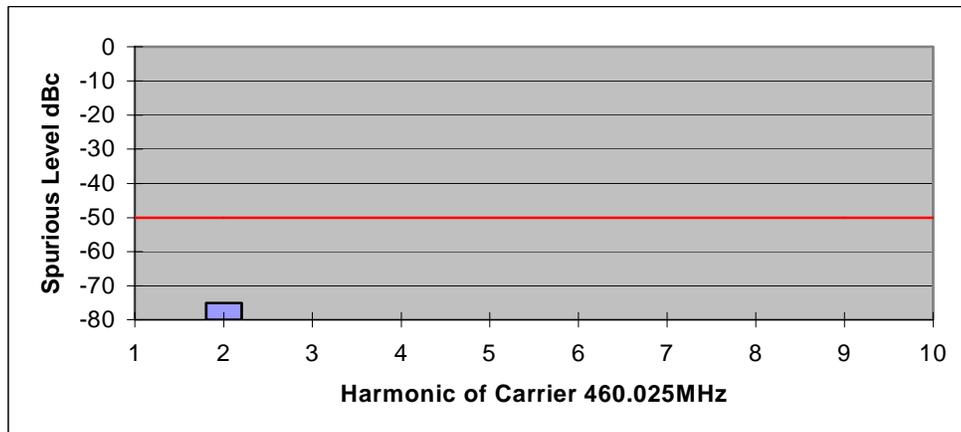


Table 6F-2: 1 Watt Harmonic of Carrier 460.025 MHz, 12.5 kHz Channel Spacing

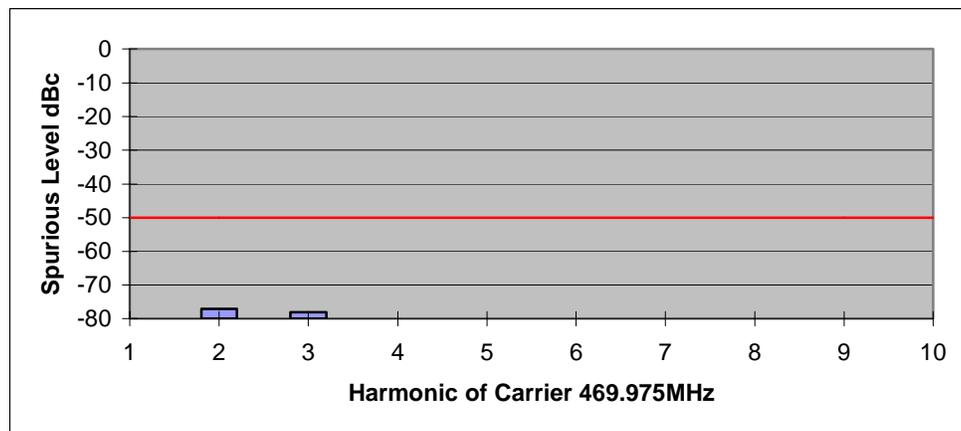


Table 6F-3: 1 Watt Harmonic of Carrier 469.975 MHz, 12.5 kHz Channel Spacing

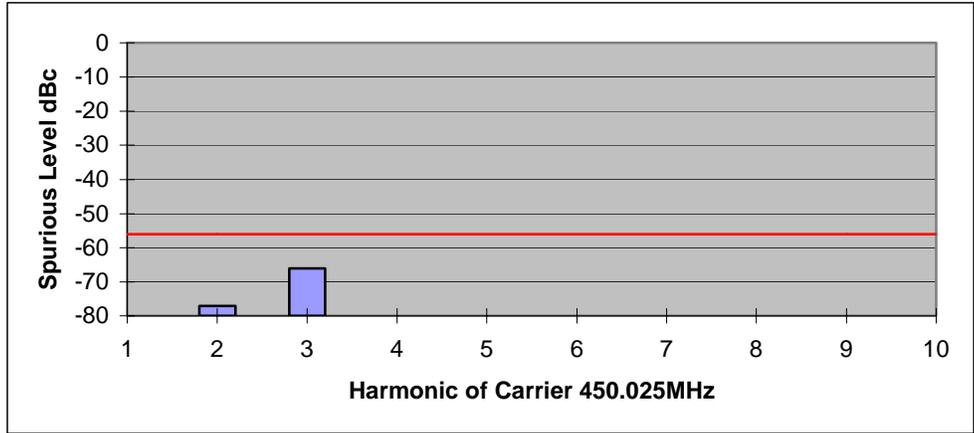


Table 6F-4: 4 Watt Harmonic of Carrier 450.025 MHz, 12.5 kHz Channel Spacing

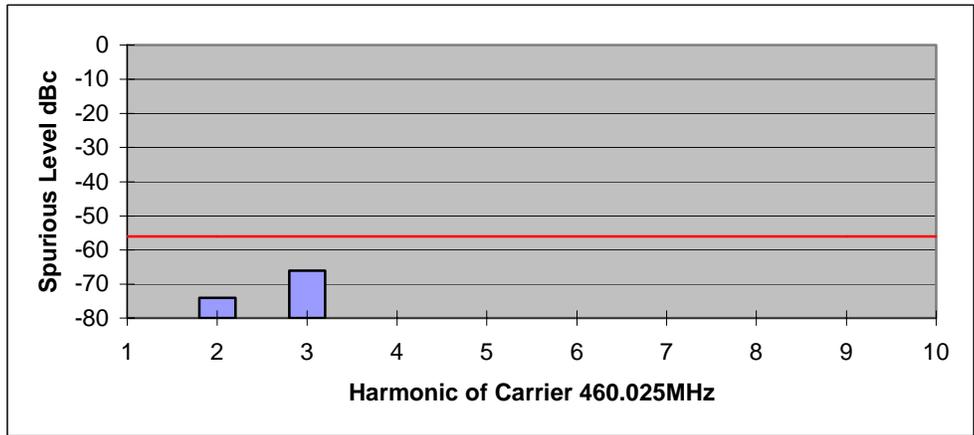


Table 6F-5: 4 Watt Harmonic of Carrier 460.025 MHz, 12.5 kHz Channel Spacing

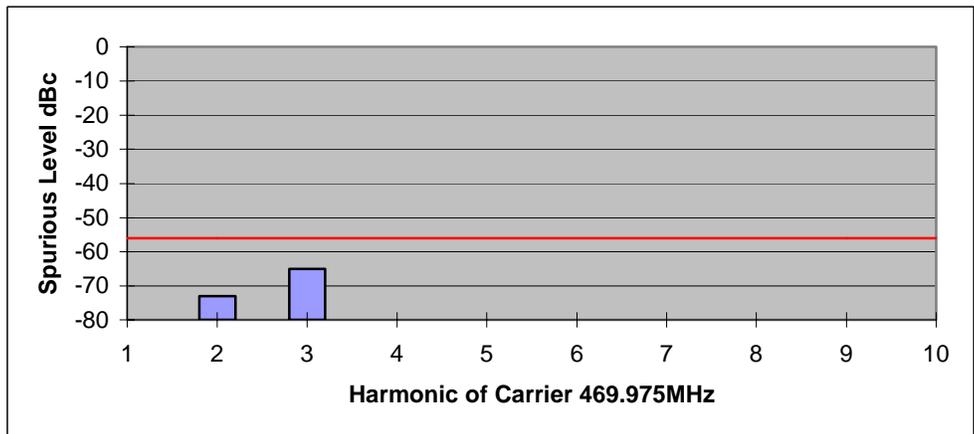


Table 6F-6: 4 Watt Harmonic of Carrier 469.975 MHz, 12.5 kHz Channel Spacing



Table 6F-7: 1 Watt Harmonic of Carrier 450.025 MHz, 25 kHz Channel Spacing

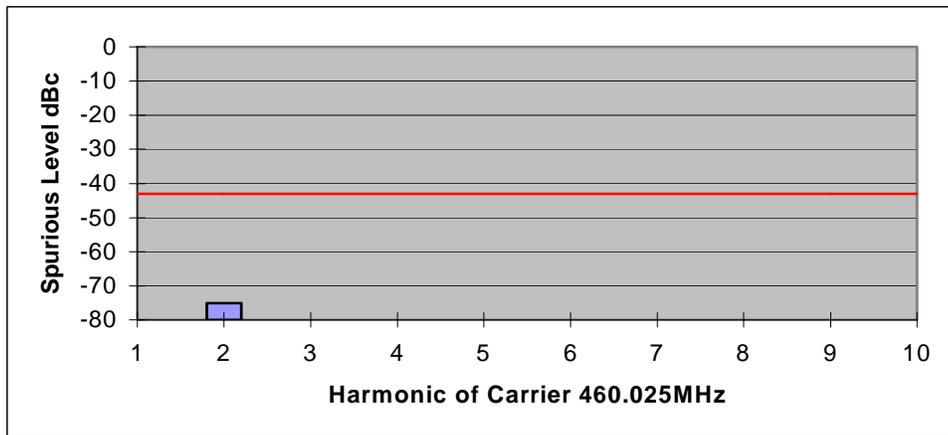


Table 6F-8: 1 Watt Harmonic of Carrier 460.025 MHz, 25 kHz Channel Spacing

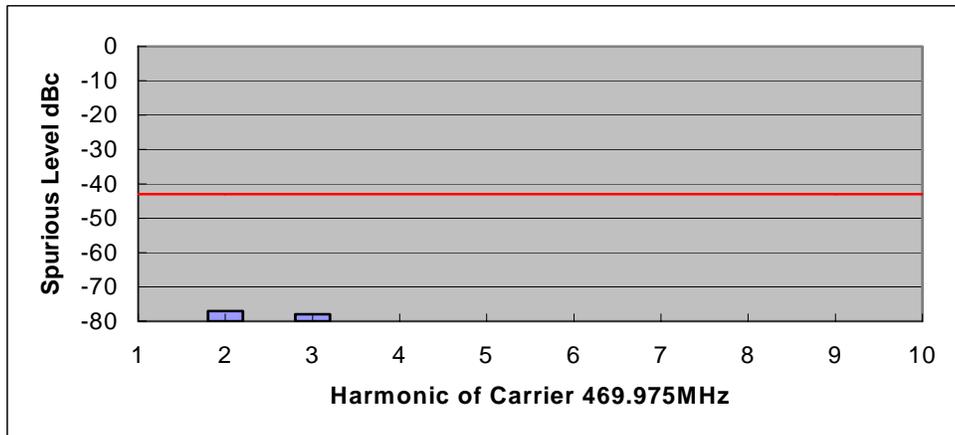


Table 6F-9: 1 Watt Harmonic of Carrier 469.975 MHz, 25 kHz Channel Spacing

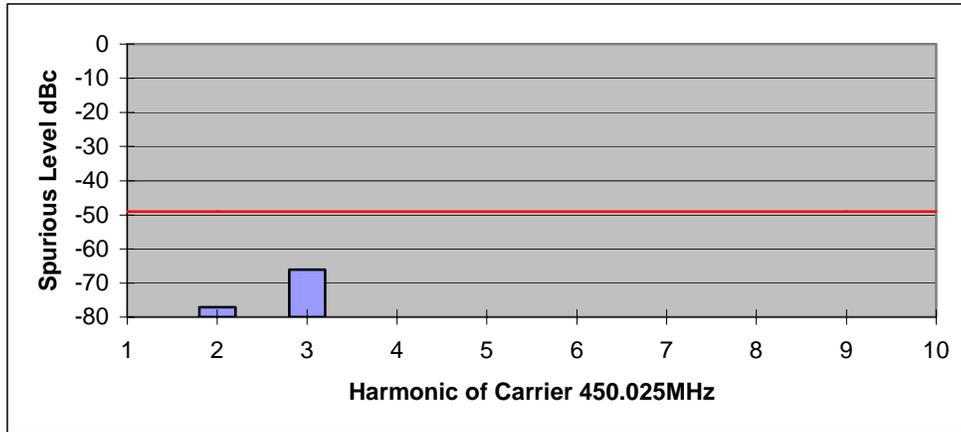


Table 6F-10: 4 Watt Harmonic of Carrier 450.025 MHz, 25 kHz Channel Spacing

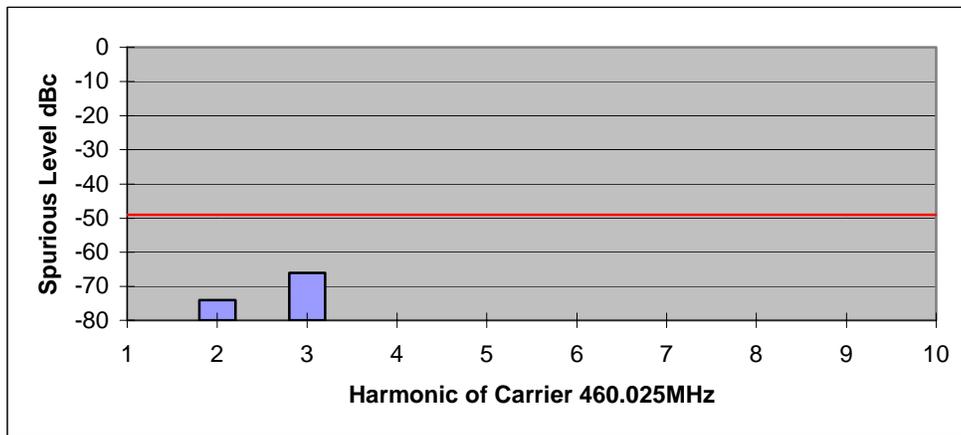


Table 6F-11: 4 Watt Harmonic of Carrier 460.025 MHz, 25 kHz Channel Spacing

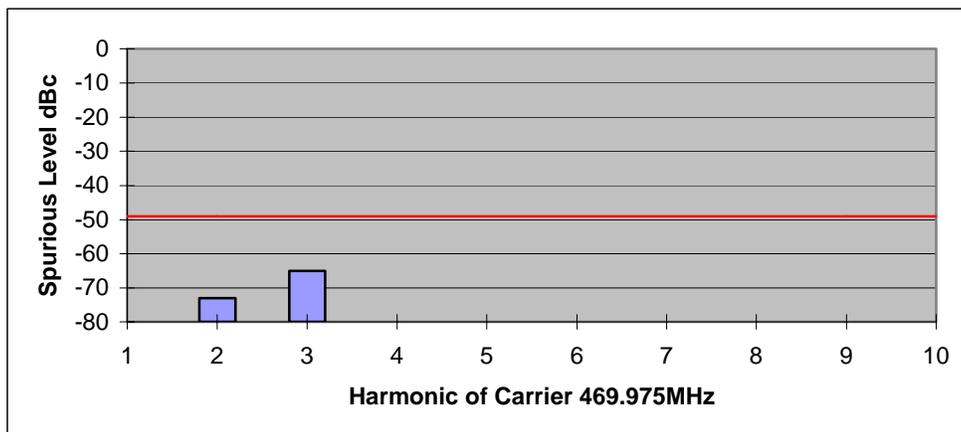


Table 6F-12: 4 Watt Harmonic of Carrier 469.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6G

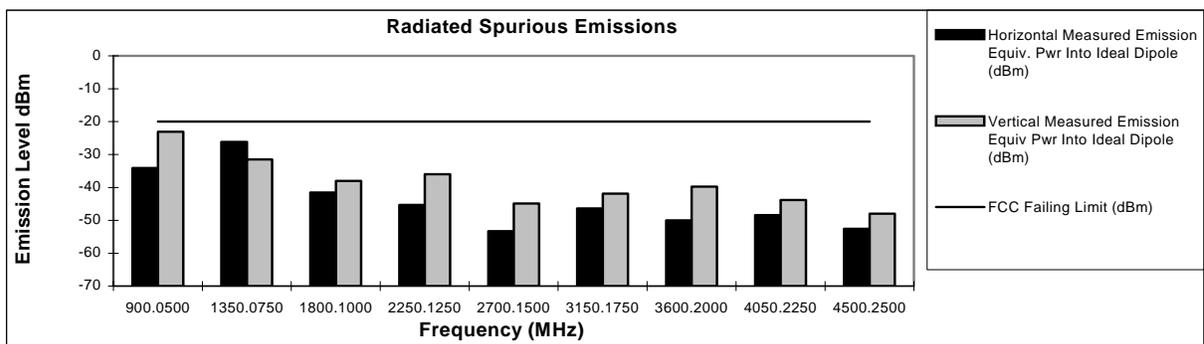
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

Tx Power: 4 Watts

450.025 MHz

Channel Spacing 12.5kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0500	-20	-34.13	-23.09
1350.0750	-20	-26.14	-31.45
1800.1000	-20	-41.50	-38.02
2250.1250	-20	-45.38	-35.95
2700.1500	-20	-53.31	-44.87
3150.1750	-20	-46.42	-41.90
3600.2000	-20	-49.99	-39.73
4050.2250	-20	-48.45	-43.84
4500.2500	-20	-52.57	-47.95



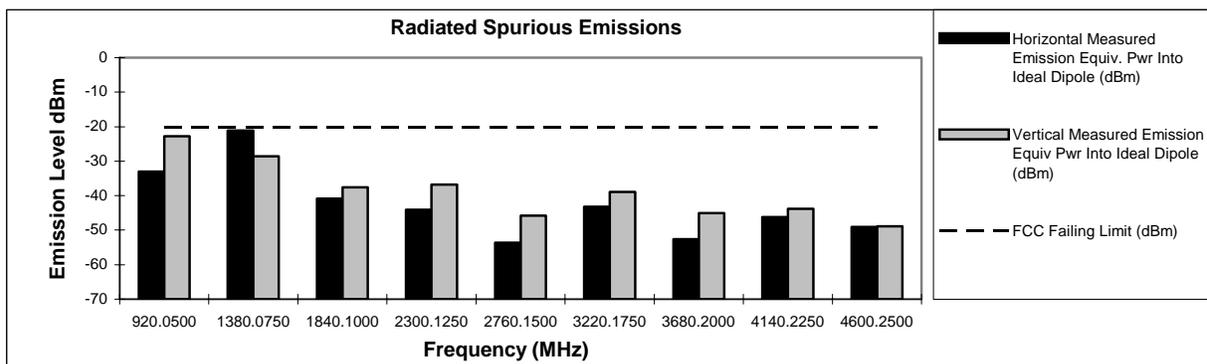
Graph 6G – 1: 4 Watts, 450.025 MHz, 12.5 kHz Channel Spacing

Tx Power: 4 Watts

460.025 MHz

Channel Spacing 12.5kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
920.0500	-20	-33.03	-22.76
1380.0750	-20	-21.13	-28.61
1840.1000	-20	-40.85	-37.58
2300.1250	-20	-44.07	-36.79
2760.1500	-20	-53.62	-45.80
3220.1750	-20	-43.20	-38.88
3680.2000	-20	-52.59	-45.07
4140.2250	-20	-46.22	-43.81
4600.2500	-20	-49.10	-48.86



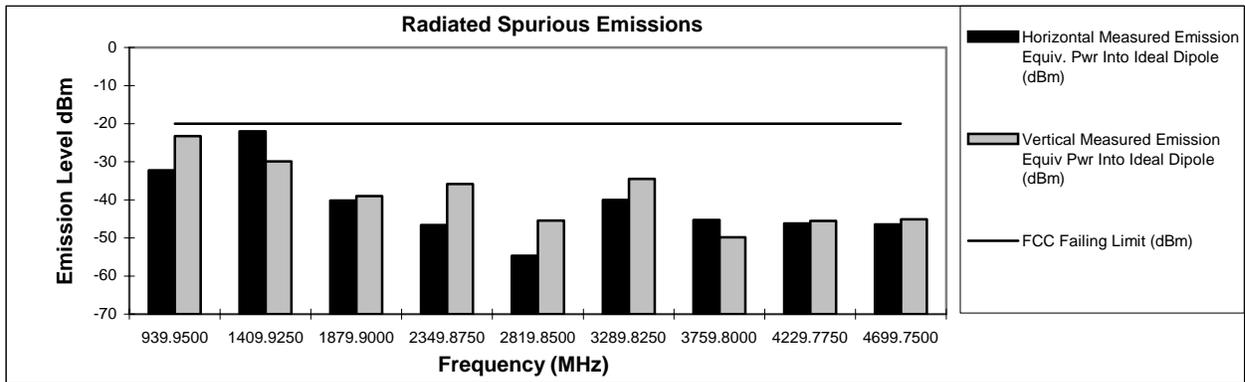
Graph 6G – 2: 4 Watts, 460.025 MHz, 12.5 kHz Channel Spacing

Tx Power: 4 Watts

469.975 MHz

Channel Spacing 12.5kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
939.9500	-20	-32.28	-23.28
1409.9250	-20	-21.98	-29.92
1879.9000	-20	-40.18	-39.02
2349.8750	-20	-46.60	-35.86
2819.8500	-20	-54.68	-45.41
3289.8250	-20	-40.03	-34.53
3759.8000	-20	-45.24	-49.82
4229.7750	-20	-46.14	-45.51
4699.7500	-20	-46.42	-45.05



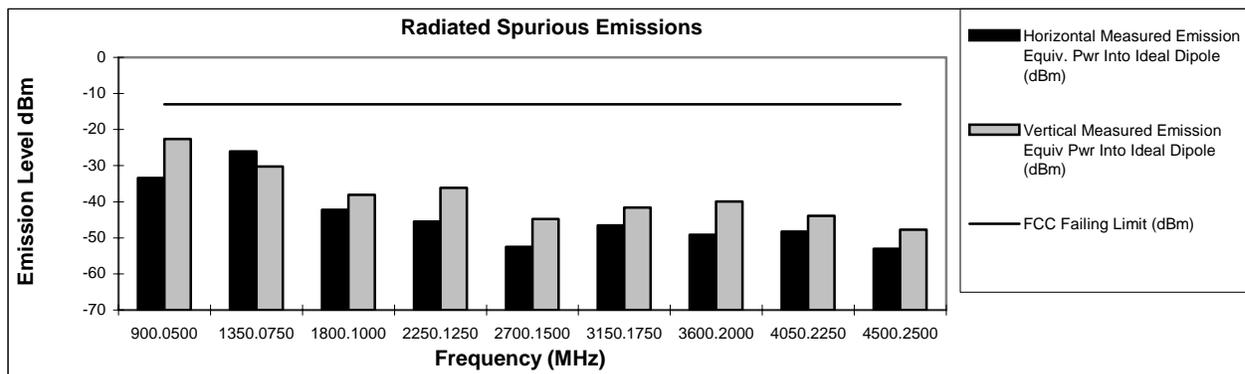
Graph 6G – 3: 4 Watts, 469.975 MHz, 12.5 kHz Channel Spacing

Tx Power: 4 Watts

450.025 MHz

Channel Spacing 25kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
900.0500	-13	-33.42	-22.61
1350.0750	-13	-26.05	-30.28
1800.1000	-13	-42.22	-38.12
2250.1250	-13	-45.47	-36.12
2700.1500	-13	-52.48	-44.73
3150.1750	-13	-46.52	-41.59
3600.2000	-13	-49.17	-39.89
4050.2250	-13	-48.31	-43.90
4500.2500	-13	-53.06	-47.78



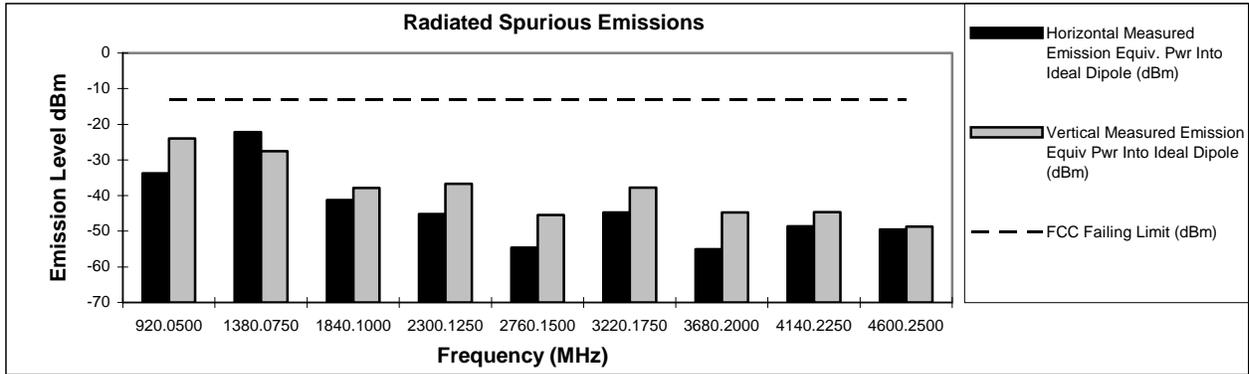
Graph 6G – 4: 4 Watts, 450.025 MHz, 25 kHz Channel Spacing

Tx Power: 4 Watts

460.025 MHz

Channel Spacing 25kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
920.0500	-13	-33.77	-23.93
1380.0750	-13	-22.20	-27.53
1840.1000	-13	-41.23	-37.84
2300.1250	-13	-45.17	-36.66
2760.1500	-13	-54.59	-45.43
3220.1750	-13	-44.70	-37.77
3680.2000	-13	-55.04	-44.72
4140.2250	-13	-48.60	-44.58
4600.2500	-13	-49.51	-48.76



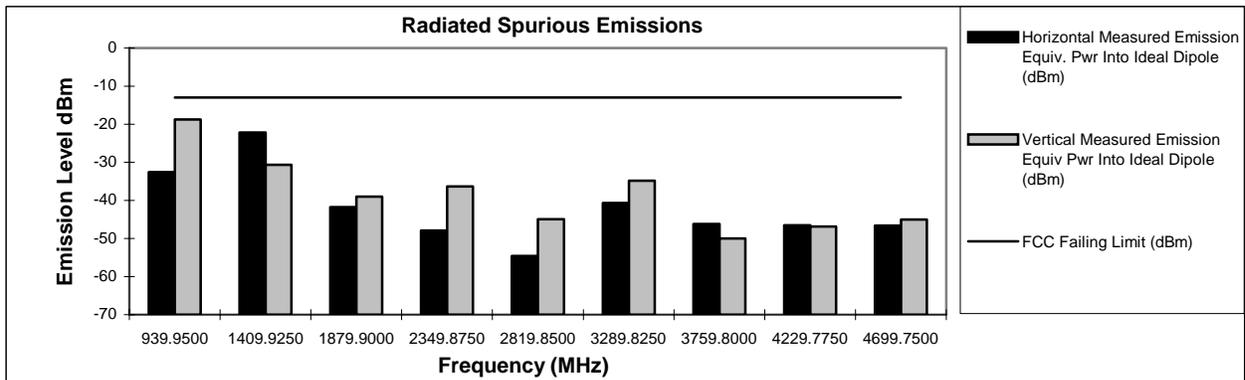
Graph 6G – 5: 4 Watts, 460.025 MHz, 25 kHz Channel Spacing

Tx Power: 4 Watts

469.975 MHz

Channel Spacing 25kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
939.9500	-13	-32.59	-18.76
1409.9250	-13	-22.18	-30.65
1879.9000	-13	-41.75	-38.99
2349.8750	-13	-47.95	-36.36
2819.8500	-13	-54.57	-44.94
3289.8250	-13	-40.70	-34.85
3759.8000	-13	-46.19	-50.03
4229.7750	-13	-46.50	-46.85
4699.7500	-13	-46.55	-45.03



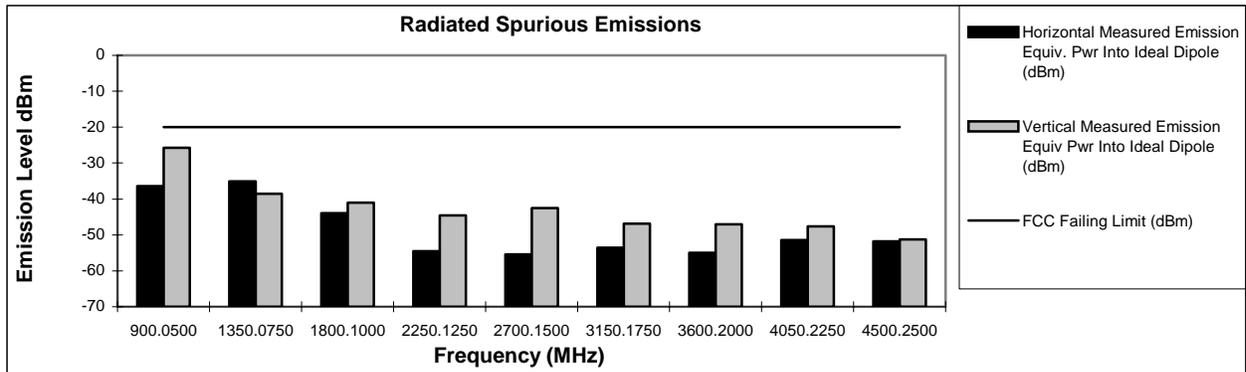
Graph 6G – 6: 4 Watts, 469.975 MHz, 25 kHz Channel Spacing

Tx Power: 1 Watts

450.025 MHz

Channel Spacing 12.5kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0500	-20	-36.37	-25.69
1350.0750	-20	-35.12	-38.53
1800.1000	-20	-43.92	-41.03
2250.1250	-20	-54.51	-44.51
2700.1500	-20	-55.41	-42.49
3150.1750	-20	-53.60	-46.82
3600.2000	-20	-54.97	-47.04
4050.2250	-20	-51.47	-47.67
4500.2500	-20	-51.77	-51.26



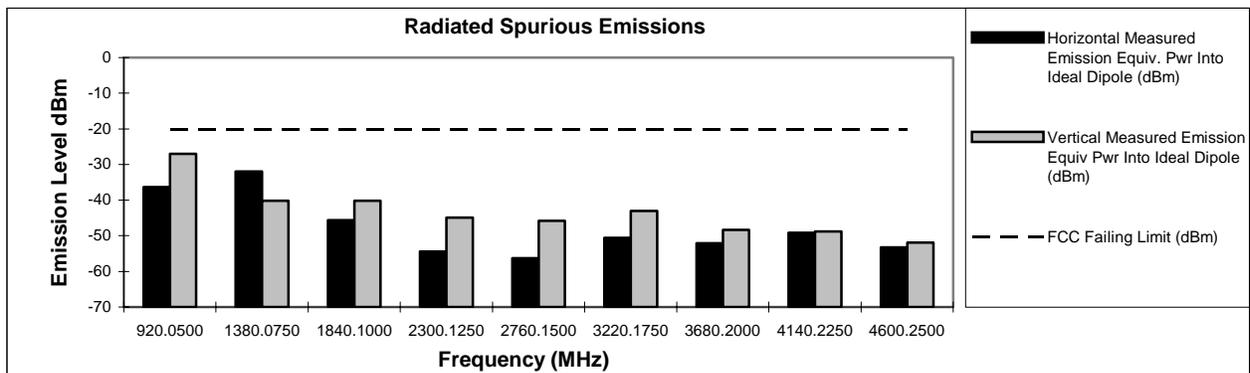
Graph 6G – 7: 1 Watts, 450.025 MHz, 12.5 kHz Channel Spacing

Tx Power: 1 Watts

460.025 MHz

Channel Spacing 12.5kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
920.0500	-20	-36.31	-26.97
1380.0750	-20	-31.95	-40.18
1840.1000	-20	-45.56	-40.17
2300.1250	-20	-54.39	-44.90
2760.1500	-20	-56.31	-45.81
3220.1750	-20	-50.61	-42.99
3680.2000	-20	-52.09	-48.37
4140.2250	-20	-49.17	-48.82
4600.2500	-20	-53.26	-51.91



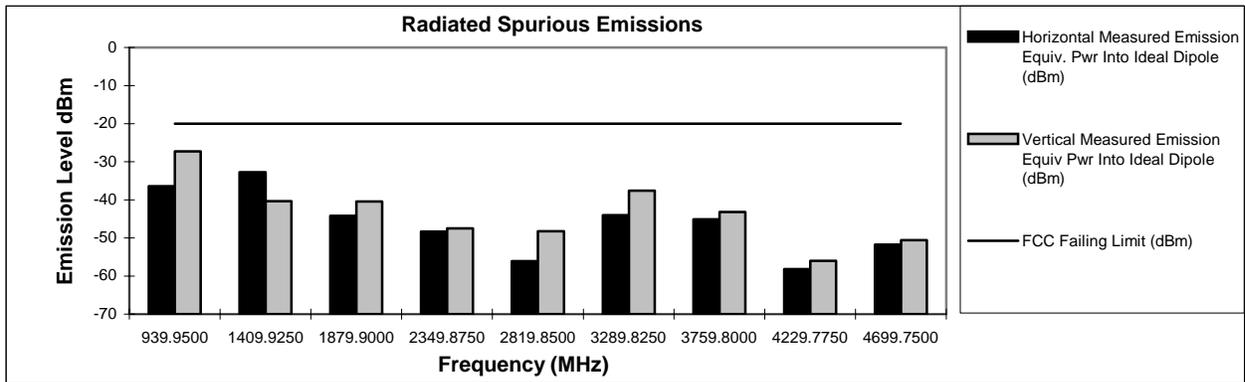
Graph 6G – 8: 1 Watts, 460.025 MHz, 12.5 kHz Channel Spacing

Tx Power: 1 Watts

469.975 MHz

Channel Spacing 12.5kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
939.9500	-20	-36.40	-27.23
1409.9250	-20	-32.75	-40.32
1879.9000	-20	-44.13	-40.38
2349.8750	-20	-48.34	-47.51
2819.8500	-20	-56.07	-48.27
3289.8250	-20	-44.01	-37.59
3759.8000	-20	-45.07	-43.16
4229.7750	-20	-58.16	-56.00
4699.7500	-20	-51.72	-50.59



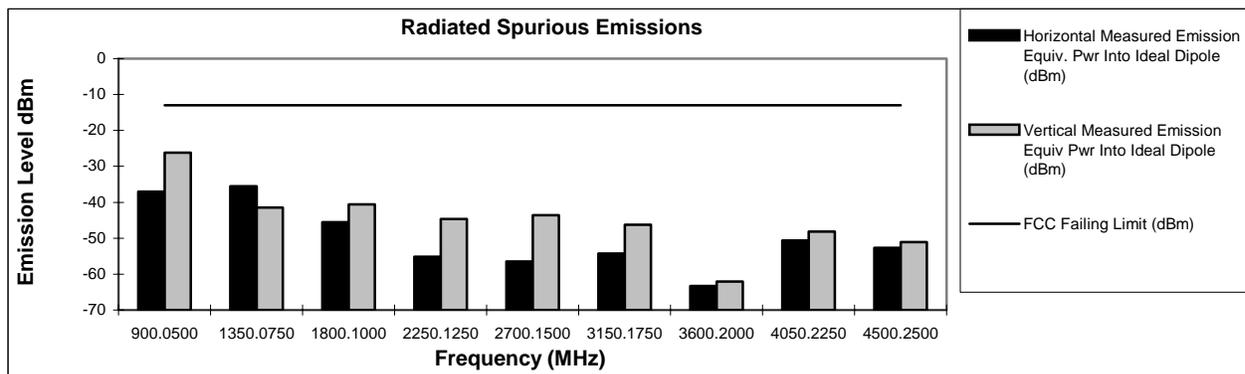
Graph 6G – 9: 1 Watts, 469.975 MHz, 12.5 kHz Channel Spacing

Tx Power: 1 Watts

450.025 MHz

Channel Spacing 25kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
900.0500	-13	-36.99	-26.12
1350.0750	-13	-35.51	-41.43
1800.1000	-13	-45.55	-40.60
2250.1250	-13	-55.13	-44.65
2700.1500	-13	-56.52	-43.59
3150.1750	-13	-54.23	-46.25
3600.2000	-13	-63.27	-62.06
4050.2250	-13	-50.65	-48.21
4500.2500	-13	-52.67	-51.06



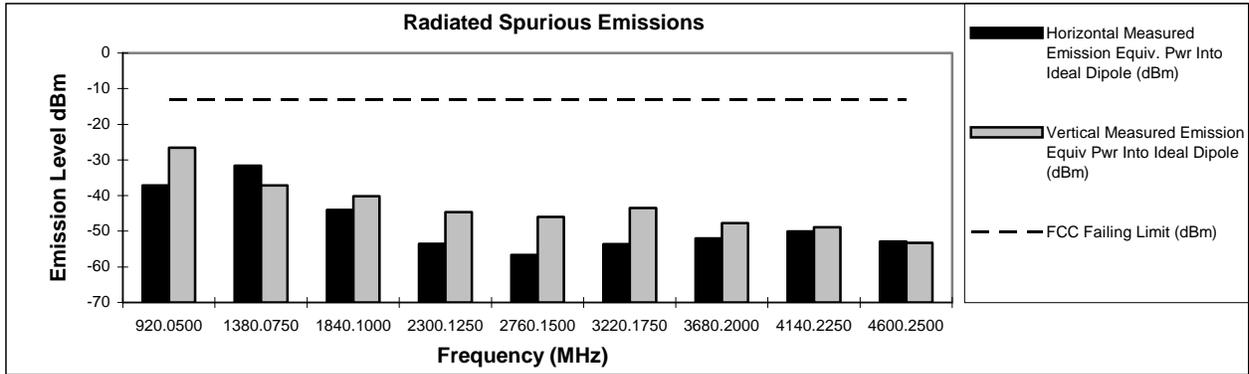
Graph 6G – 10: 1 Watts, 450.025 MHz, 25 kHz Channel Spacing

Tx Power: 1 Watts

460.025 MHz

Channel Spacing 25kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
920.0500	-13	-37.11	-26.54
1380.0750	-13	-31.65	-37.14
1840.1000	-13	-44.01	-40.20
2300.1250	-13	-53.53	-44.64
2760.1500	-13	-56.67	-45.92
3220.1750	-13	-53.64	-43.43
3680.2000	-13	-52.04	-47.77
4140.2250	-13	-50.05	-48.91
4600.2500	-13	-52.86	-53.29



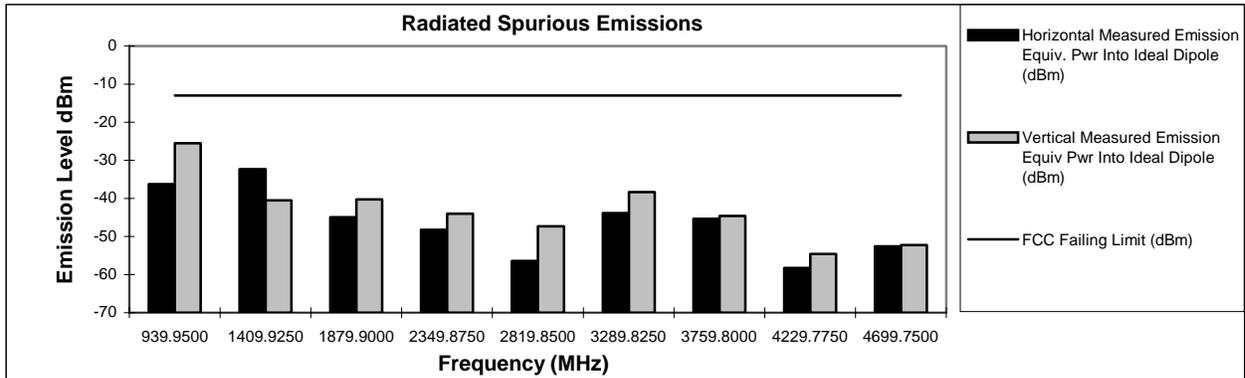
Graph 6G – 11: 1 Watts, 460.025 MHz, 25 kHz Channel Spacing

Tx Power: 1 Watts

469.975 MHz

Channel Spacing 25kHz | S/N 027VEU0109

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9500	-13	-36.23	-25.46
1409.9250	-13	-32.33	-40.48
1879.9000	-13	-44.93	-40.25
2349.8750	-13	-48.23	-44.00
2819.8500	-13	-56.44	-47.35
3289.8250	-13	-43.86	-38.29
3759.8000	-13	-45.30	-44.55
4229.7750	-13	-58.27	-54.60
4699.7500	-13	-52.60	-52.25



Graph 6G – 12: 1 Watts, 469.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6H

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

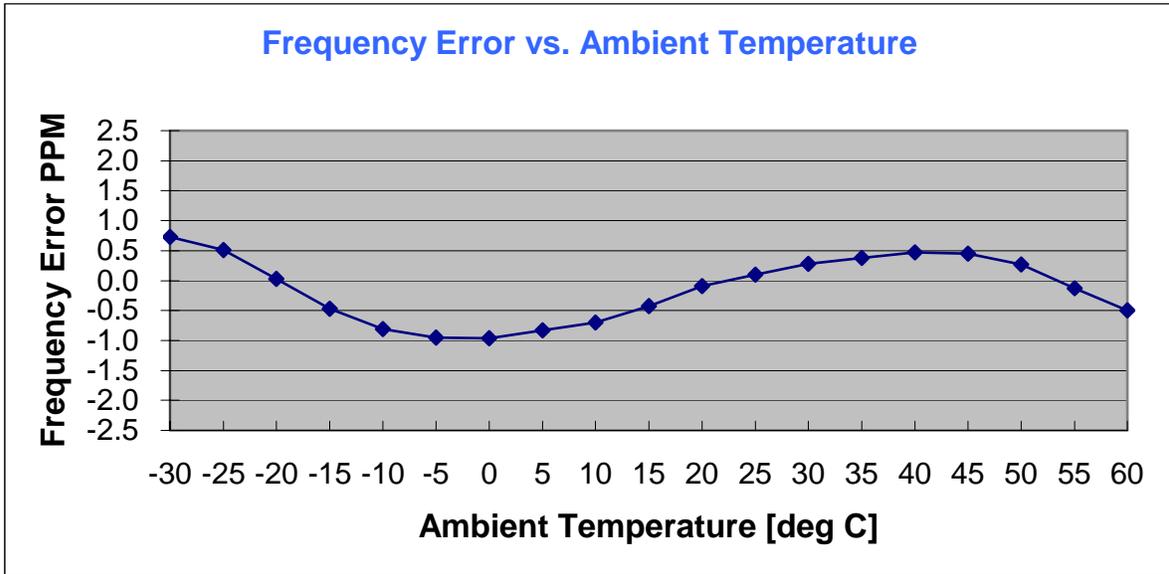


Figure 6H-1: Frequency Stability vs. Temperature

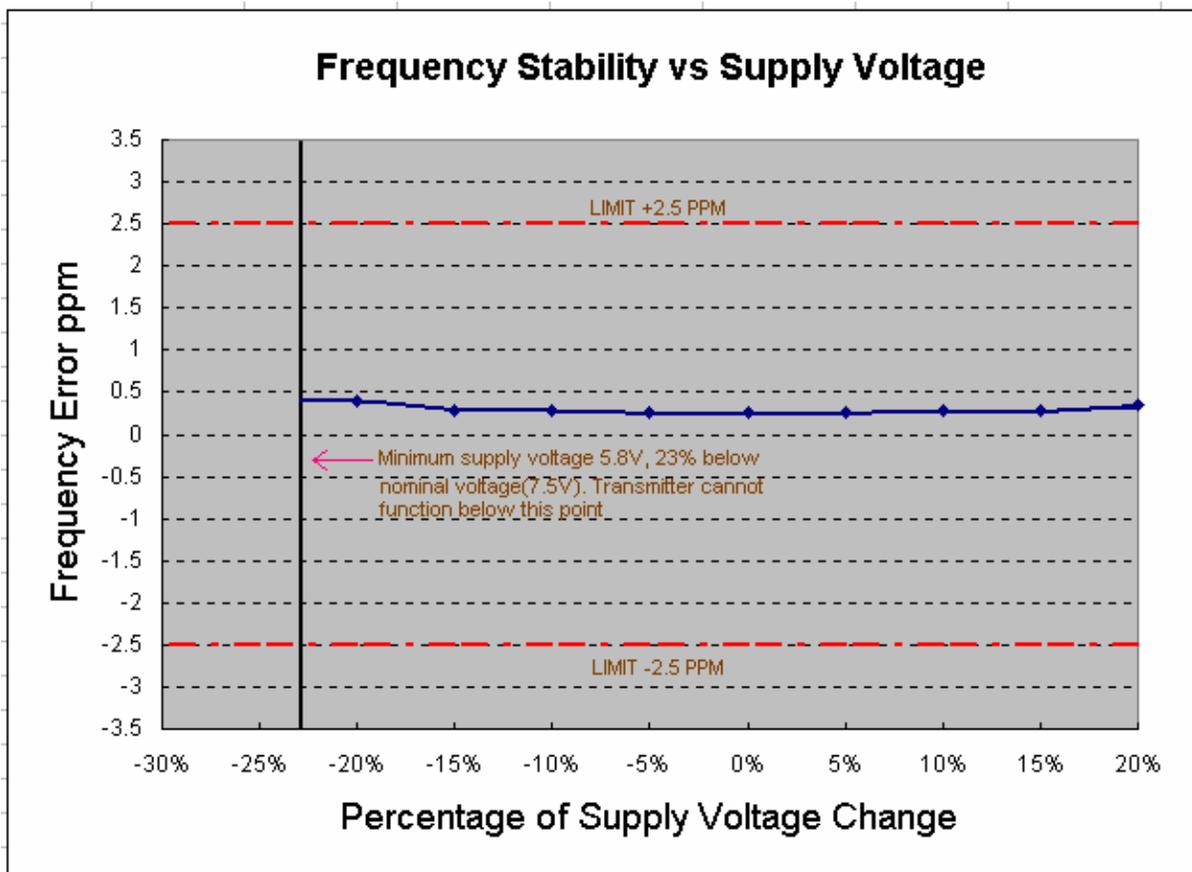


Figure 6H-2: Frequency Stability vs. Voltage

EXHIBIT 6I

Transient Frequency Behavior (FCC Rules Part 90.214)

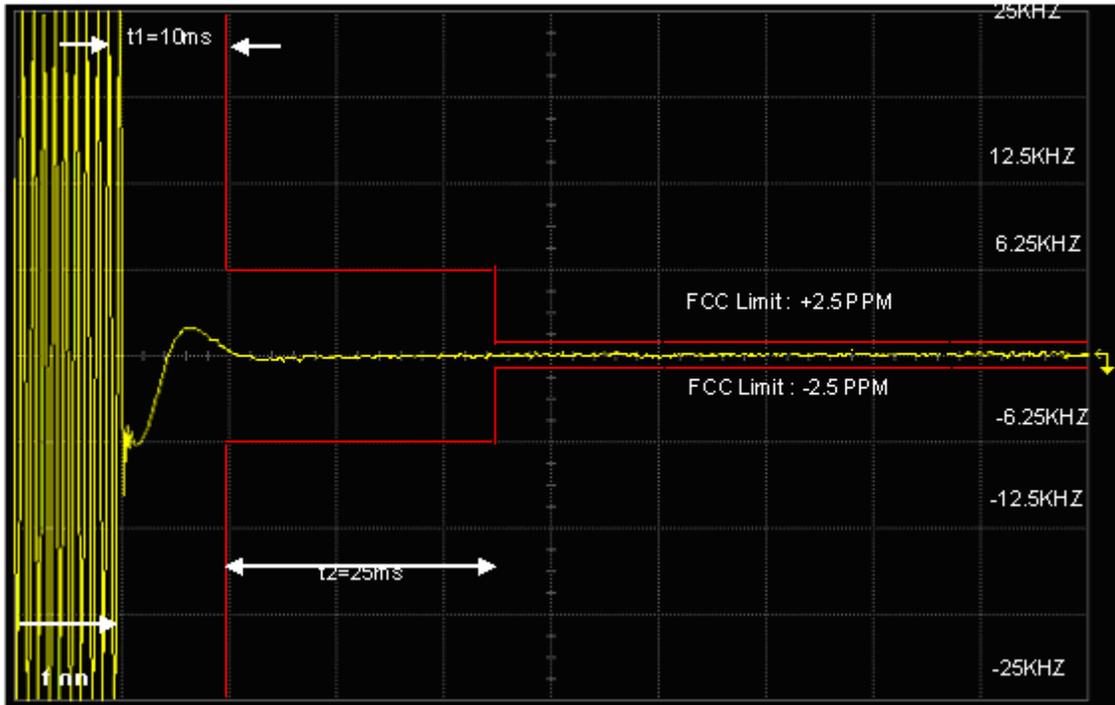


Figure 6I-1: 4 Watts, 12.5 kHz Key-Up Attack Time

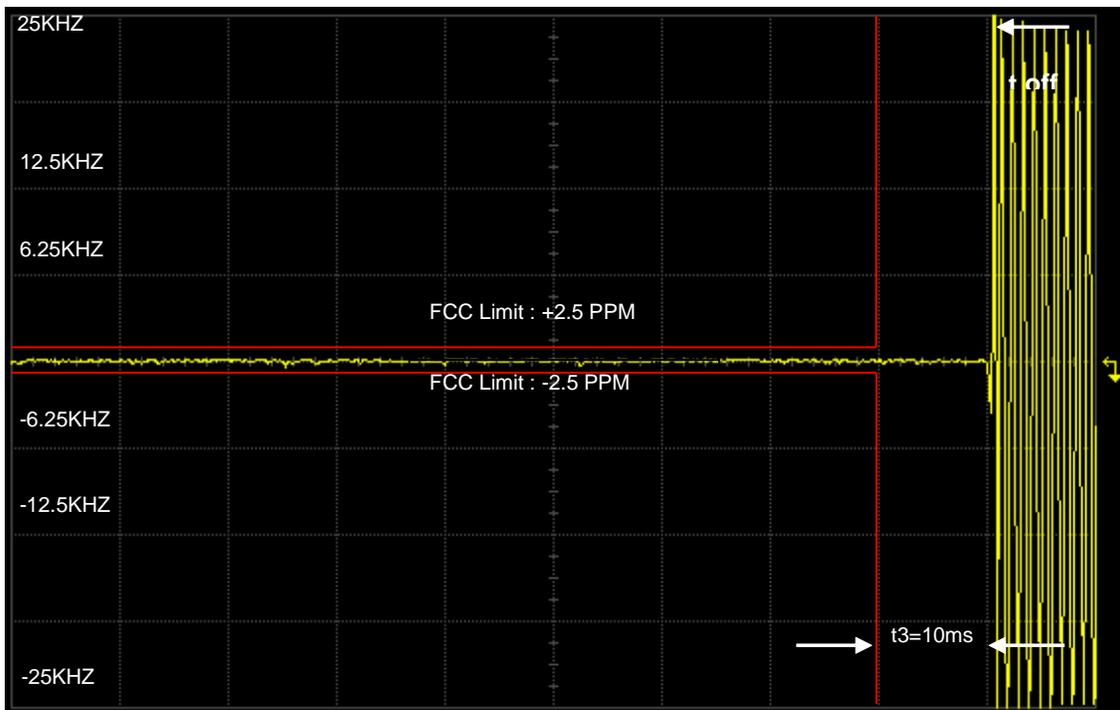


Figure 6I-2: 4 Watts, 12.5 kHz De-Key Decay Time

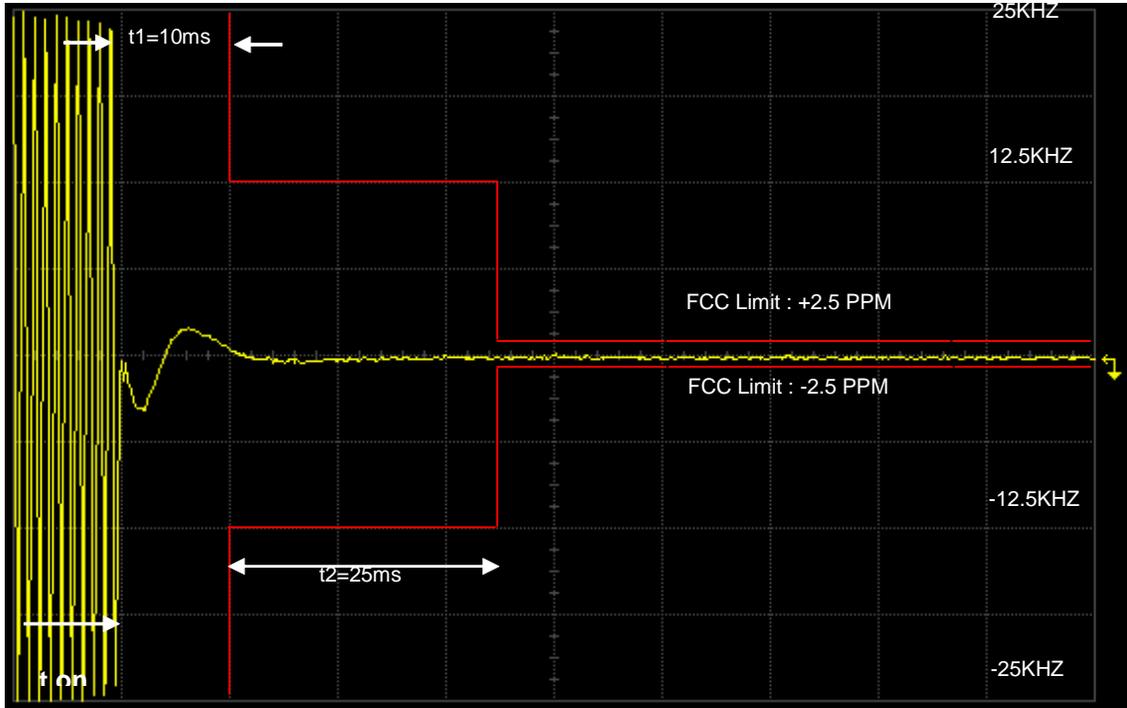


Figure 6I-3: 4 Watts, 25 kHz Key-Up Attack Time

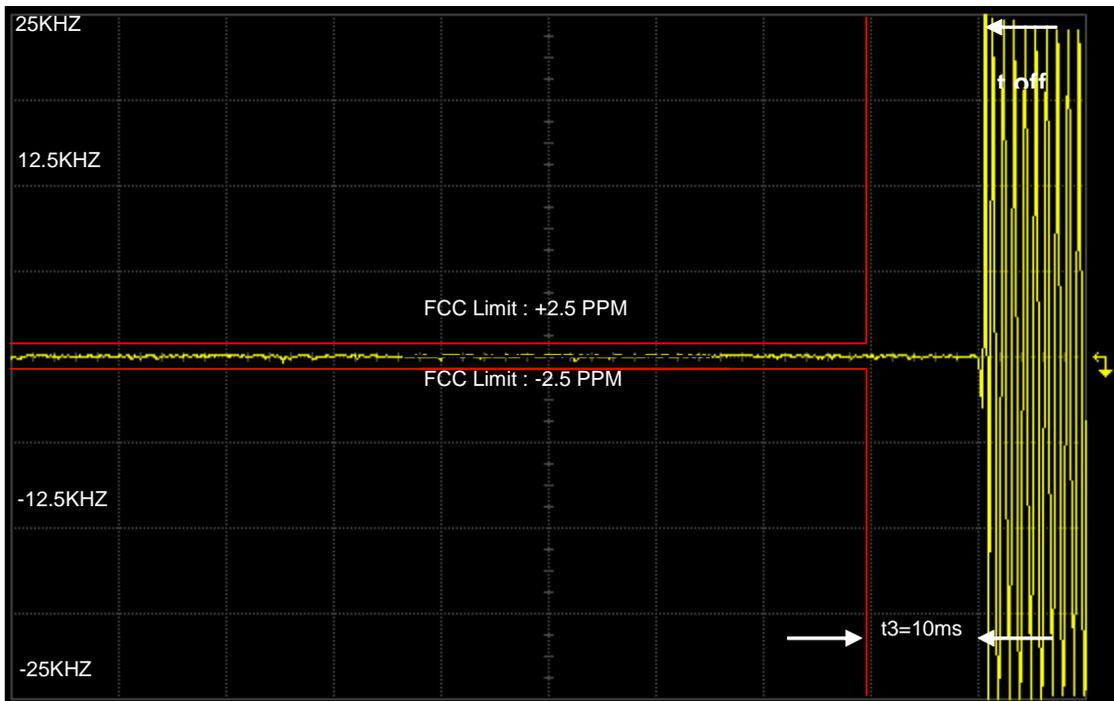


Figure 6I-4: 4 Watts, 25 kHz De-Key Decay Time

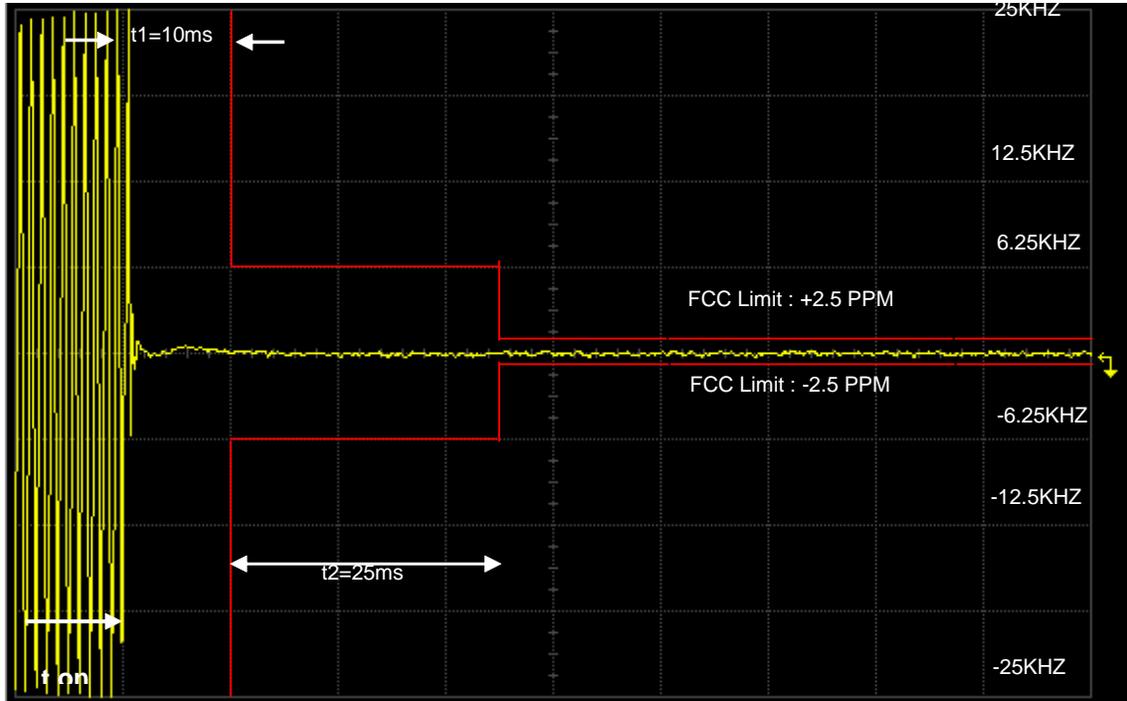


Figure 6I-5: 1 Watt, 12.5 kHz Key-Up Attack Time

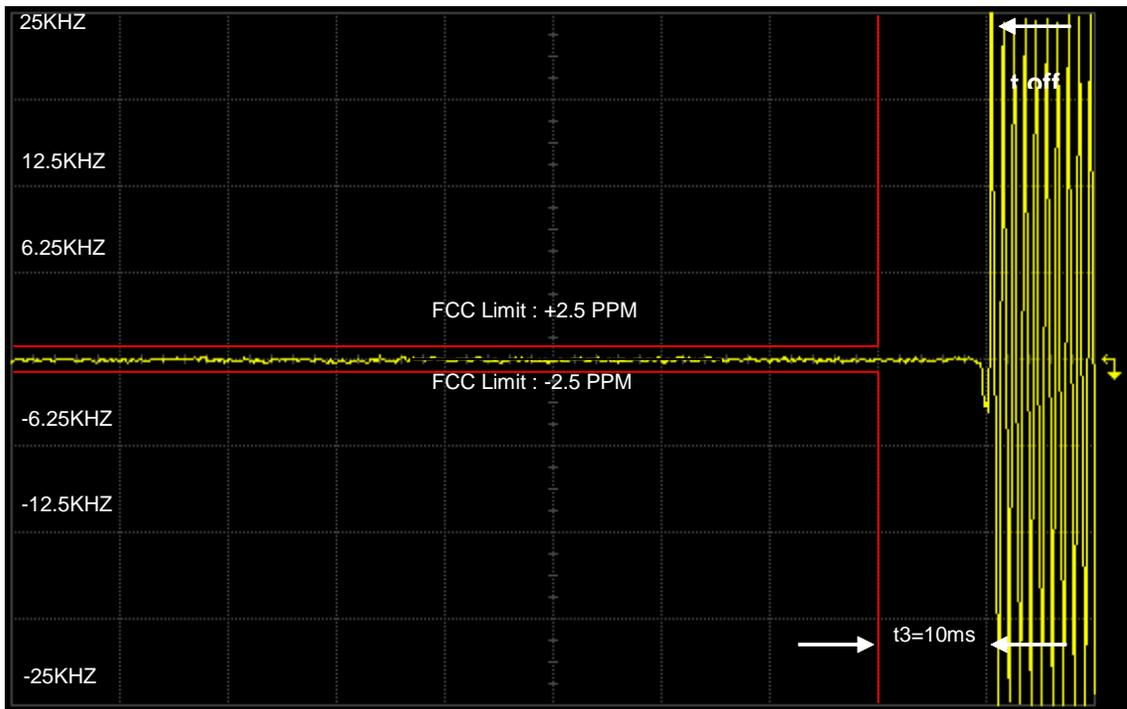


Figure 6I-6: 1 Watt, 12.5 kHz De-Key Decay Time

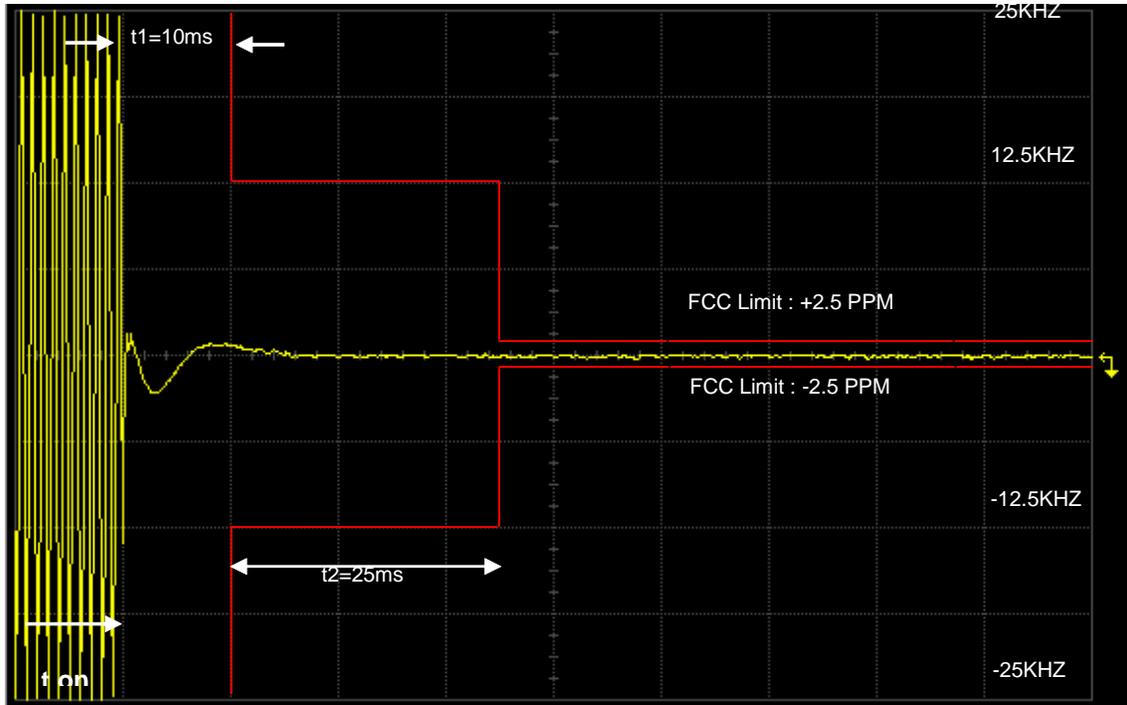


Figure 6I-7: 1 Watt, 25 kHz Key-Up Attack Time

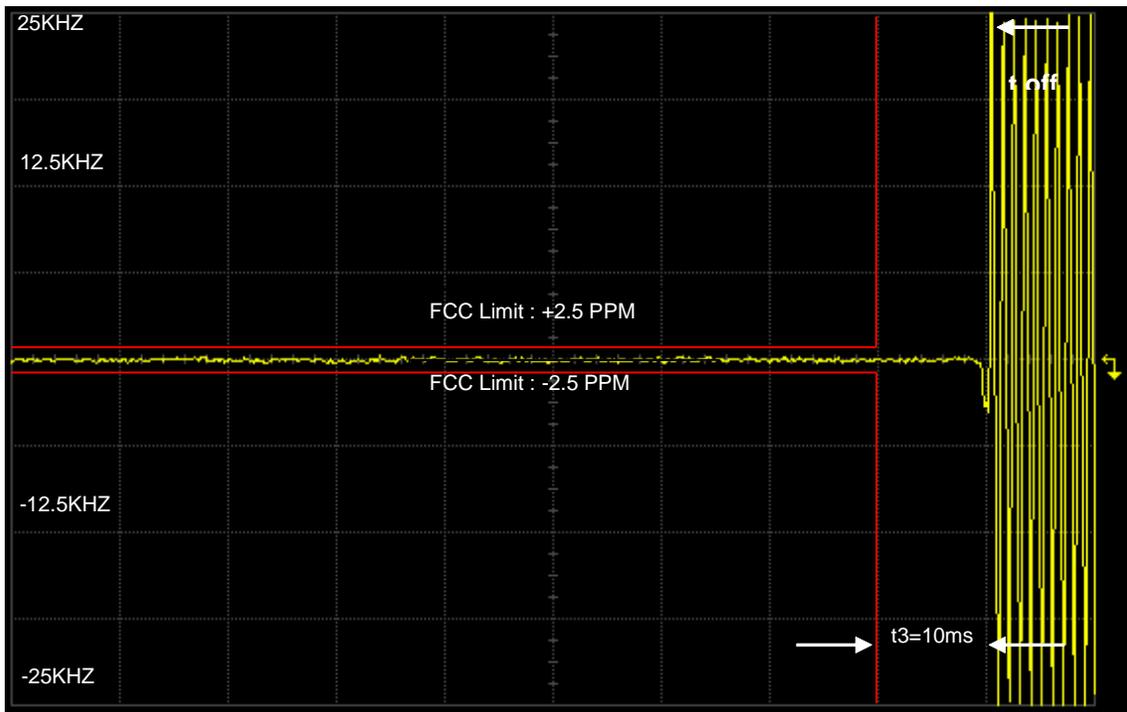


Figure 6I-8: 1 Watt, 25 kHz De-Key Decay Time