

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 Frequency Response (2 Graphs)

6B-1 –12.5 kHz Channel Spacing

6B-2 –25 kHz Channel Spacing

EXHIBIT 6C – Transmit Audio Low Pass Filter Response (2 Graphs)

6C-1 –12.5 kHz Channel Spacing

6C-2 –25 kHz Channel Spacing

EXHIBIT 6D – Modulation Limiting (6 Graphs)

6D-1 –12.5 kHz Channel Spacing, Carrier Squelch (CSQ) 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 (CSQ) 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 Tables)

6F-1 - 1 Watts Harmonic of Carrier 450.025 MHz, 12.5 kHz Channel Spacing

6F-2 - 1 Watts Harmonic of Carrier 460.025 MHz, 12.5 kHz Channel Spacing

6F-3 - 1 Watts Harmonic of Carrier 469.975 MHz, 12.5 kHz Channel Spacing

6F-4 – 4 Watts Harmonic of Carrier 450.025 MHz, 12.5 kHz Channel Spacing

6F-5 – 4 Watts Harmonic of Carrier 460.025 MHz, 12.5 kHz Channel Spacing

6F-6 – 4 Watts Harmonic of Carrier 469.975 MHz, 12.5 kHz Channel Spacing

6F-7 - 1 Watts Harmonic of Carrier 450.025 MHz, 25 kHz Channel Spacing

6F-8 - 1 Watts Harmonic of Carrier 460.025 MHz, 25 kHz Channel Spacing

6F-9 - 1 Watts Harmonic of Carrier 469.975 MHz, 25 kHz Channel Spacing

6F-10 – 4 Watts Harmonic of Carrier 450.025 MHz, 25 kHz Channel Spacing

6F-11 – 4 Watts Harmonic of Carrier 460.025 MHz, 25 kHz Channel Spacing

6F-12 – 4 Watts Harmonic of Carrier 469.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6G – Radiated Spurious Emissions (12 Graphs)

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

6G-2 – 4 Watts, 465.025 MHz, 12.5 kHz Channel Spacing

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

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

6G-5 - 4 Watts, 460.025 MHz, 25 kHz Channel Spacing

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

6G-7 - 1 Watts, 450.025 MHz, 12.5 kHz Channel Spacing

6G-8 - 1 Watts, 460.025 MHz, 12.5 kHz Channel Spacing

6G-9 - 1 Watts, 469.975 MHz, 12.5 kHz Channel Spacing

6G-10 - 1 Watts, 450.025 MHz, 25 kHz Channel Spacing

6G-11 - 1 Watts, 460.025 MHz, 25 kHz Channel Spacing

6G-12 - 1 Watts, 469.975 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 – 5 Watts, 12.5 kHz Key-Up Attack Time

6I-2 – 5 Watts, 12.5 kHz De-Key Decay Time

6I-3 – 5 Watts, 25 kHz Key-Up Attack Time

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)

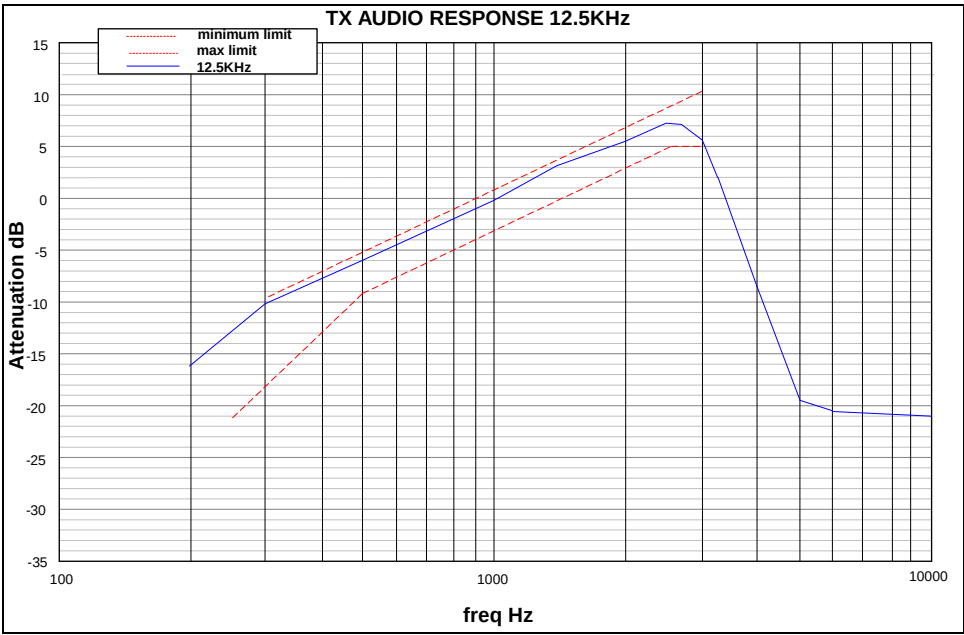


Figure 6B-1: 12.5 kHz Channel Spacing, 460.025 MHz, Transmit Audio Frequency Response

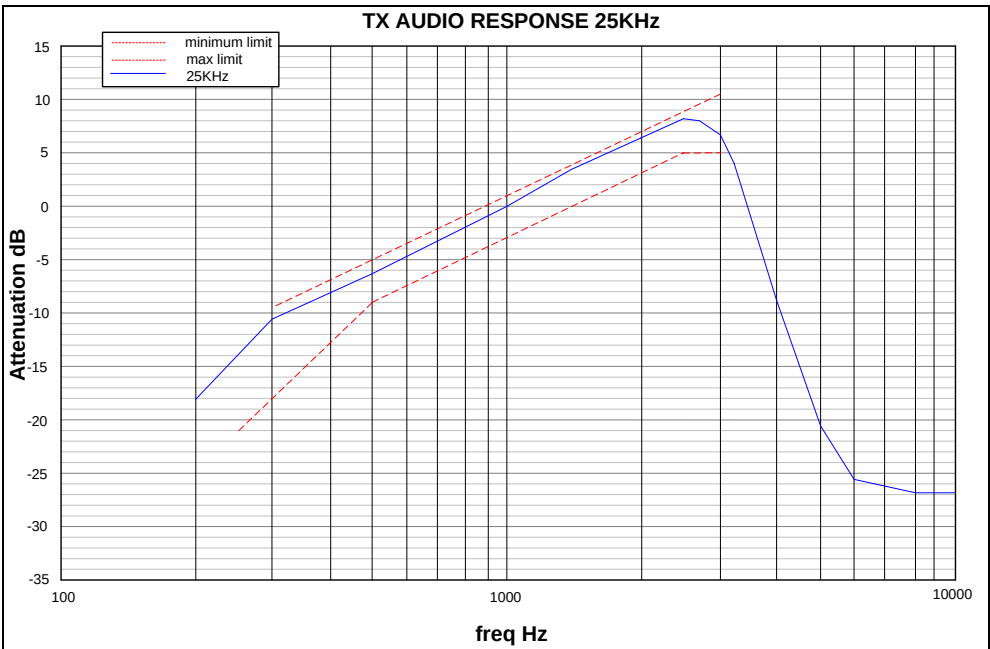


Figure 6B-2: 25 kHz Channel Spacing, 460.025 MHz, Transmit Audio Frequency Response

EXHIBIT 6C

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

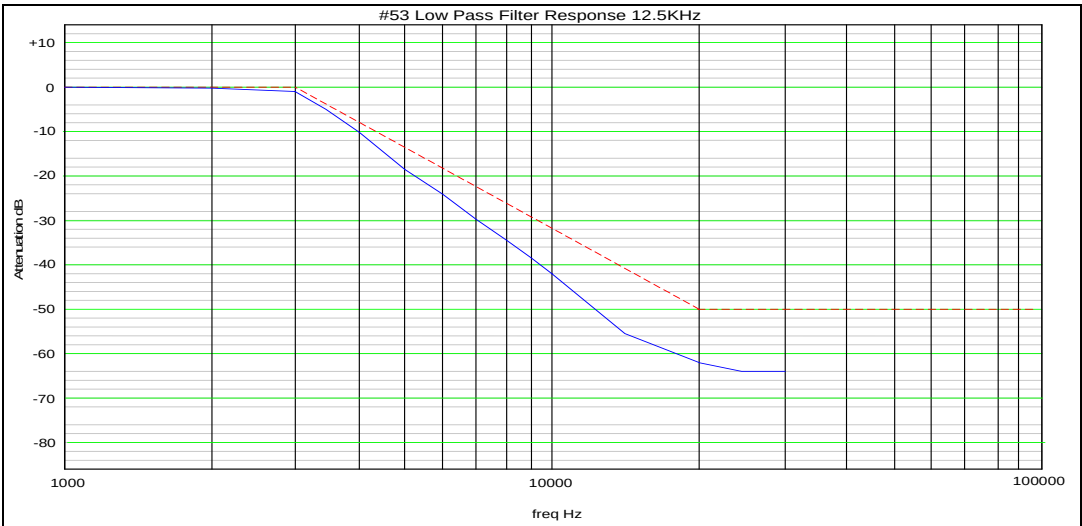


Figure 6C-1: 12.5 kHz Channel Spacing, 460.025 MHz, Transmit Audio Low Pass Filter Response

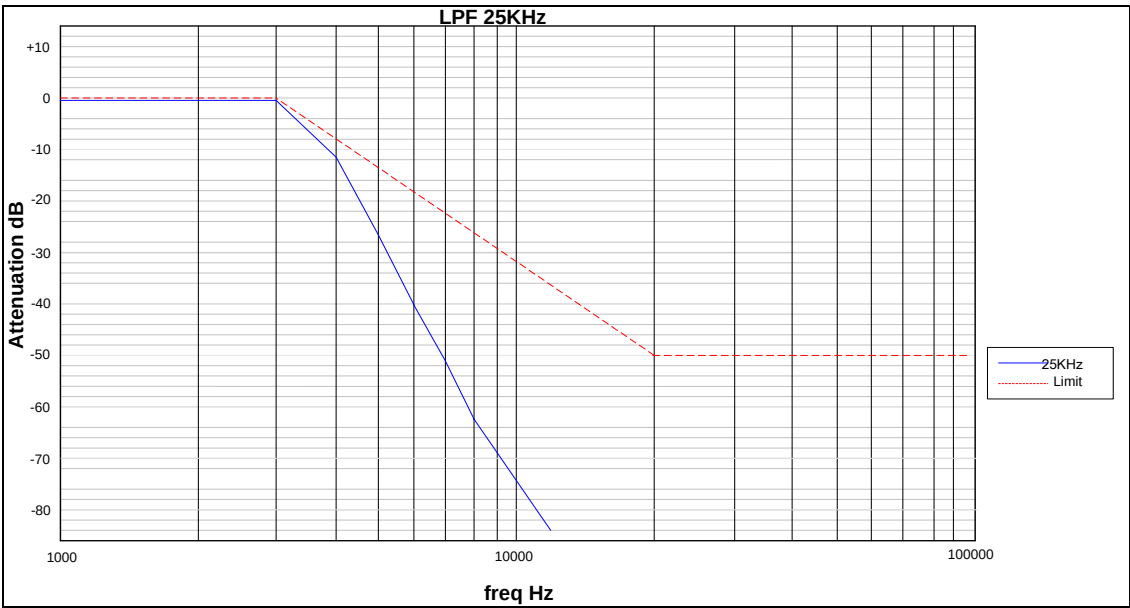


Figure 6C-2: 25 kHz Channel Spacing, 460.025 MHz, Transmit Audio Low Pass Filter Response

EXHIBIT 6D

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

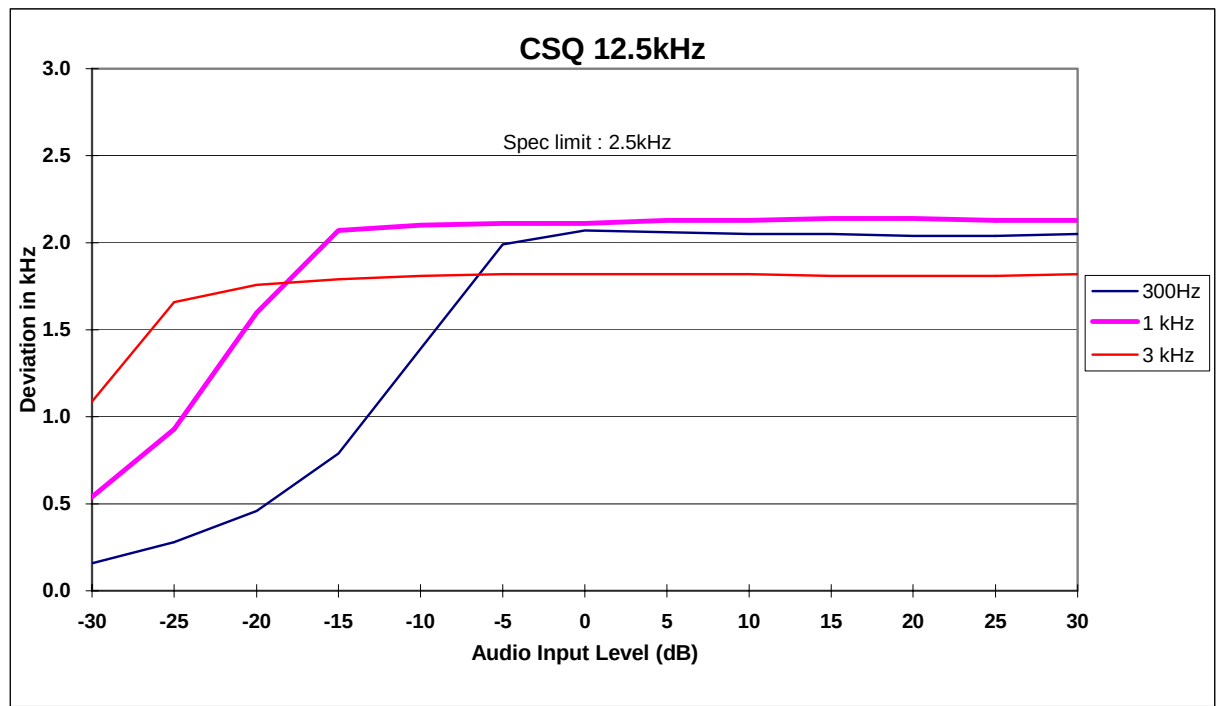


Figure 6D-1: 12.5 kHz Channel Spacing, 460.025 MHz, Carrier Squelch (CSQ) Mode

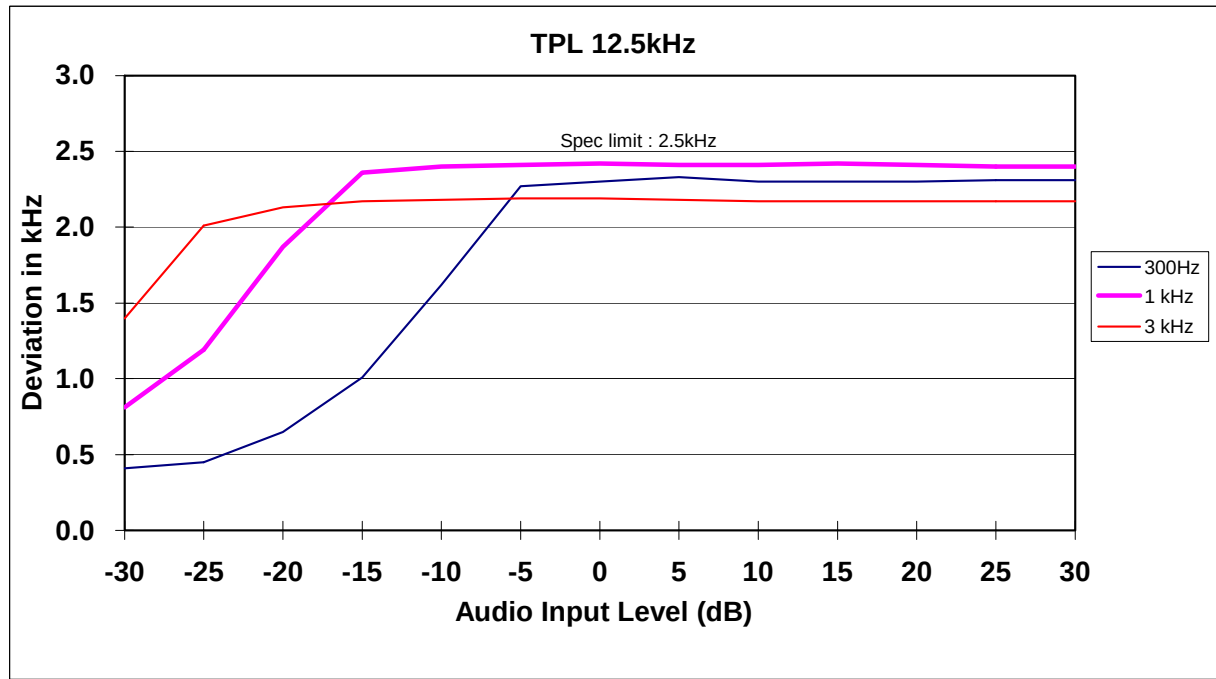


Figure 6D-2: 12.5 kHz Channel Spacing, 460.025 MHz, Tone Private Line (TPL) Mode

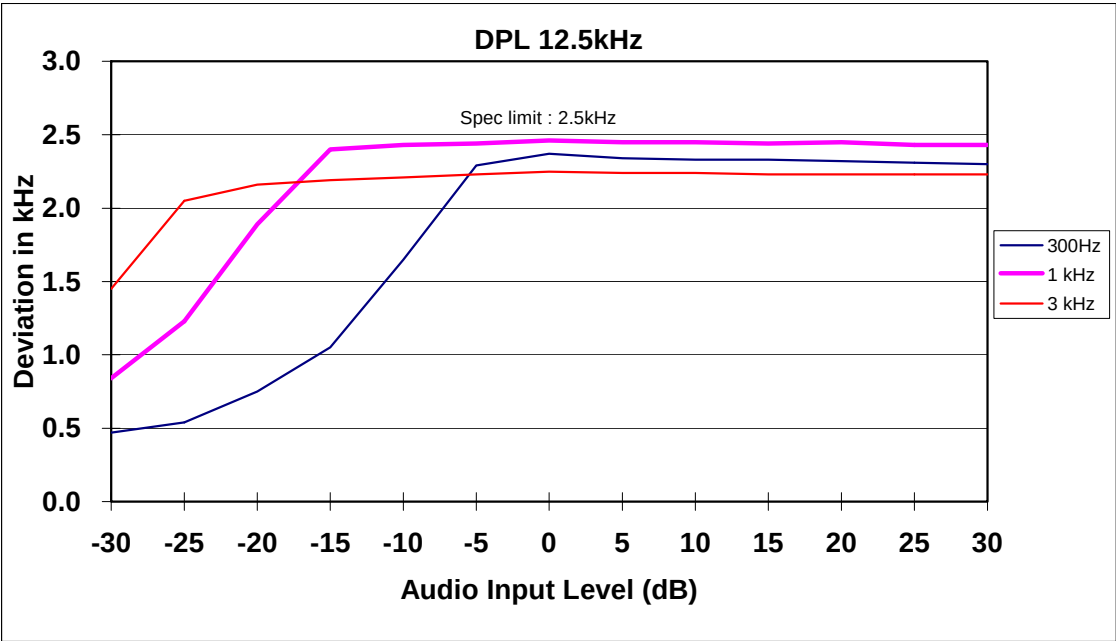


Figure 6D-3: 12.5 kHz Channel Spacing, 460.025 MHz, Digital Private Line (DPL) Mode

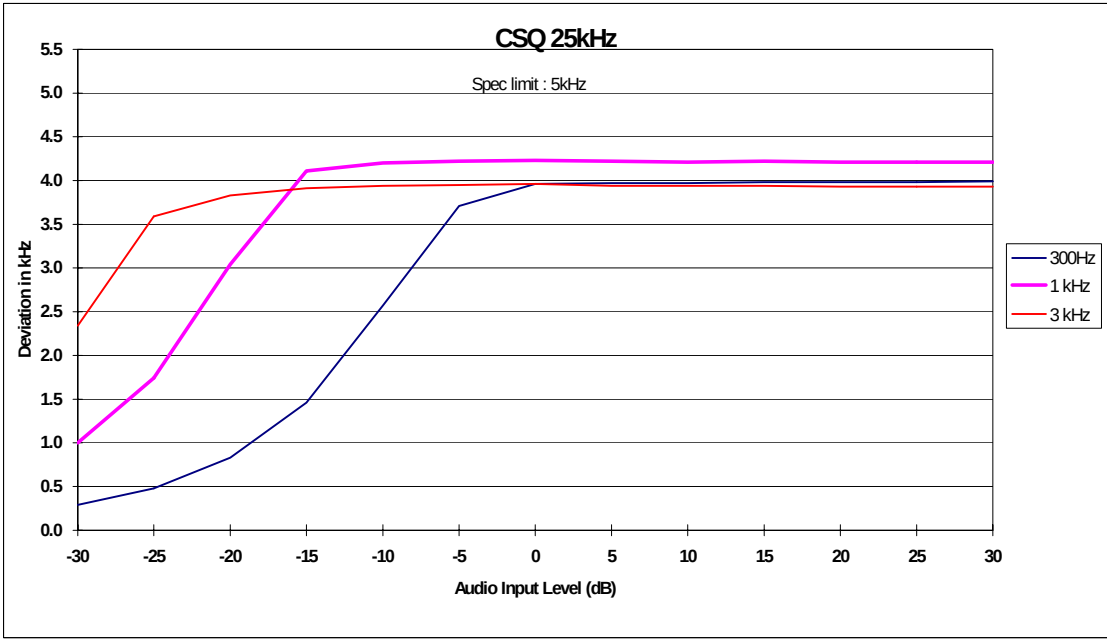


Figure 6D-4: 25 kHz Channel Spacing, 460.025 MHz, Carrier Squelch (CSQ) Mode

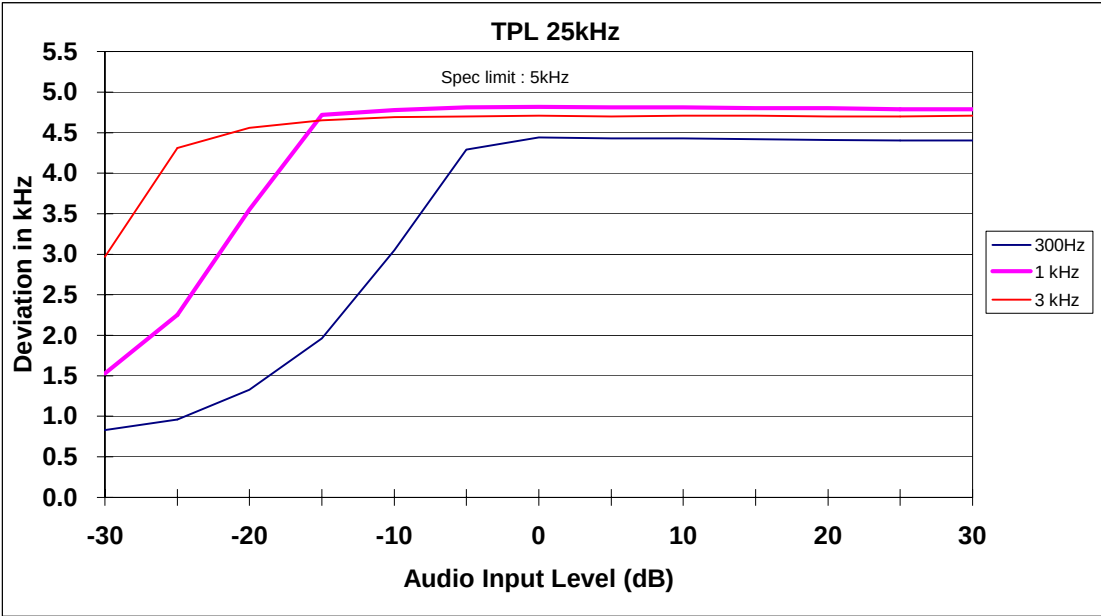


Figure 6D-5: 25 kHz Channel Spacing, 460.025 MHz, Tone Private Line (TPL) Mode

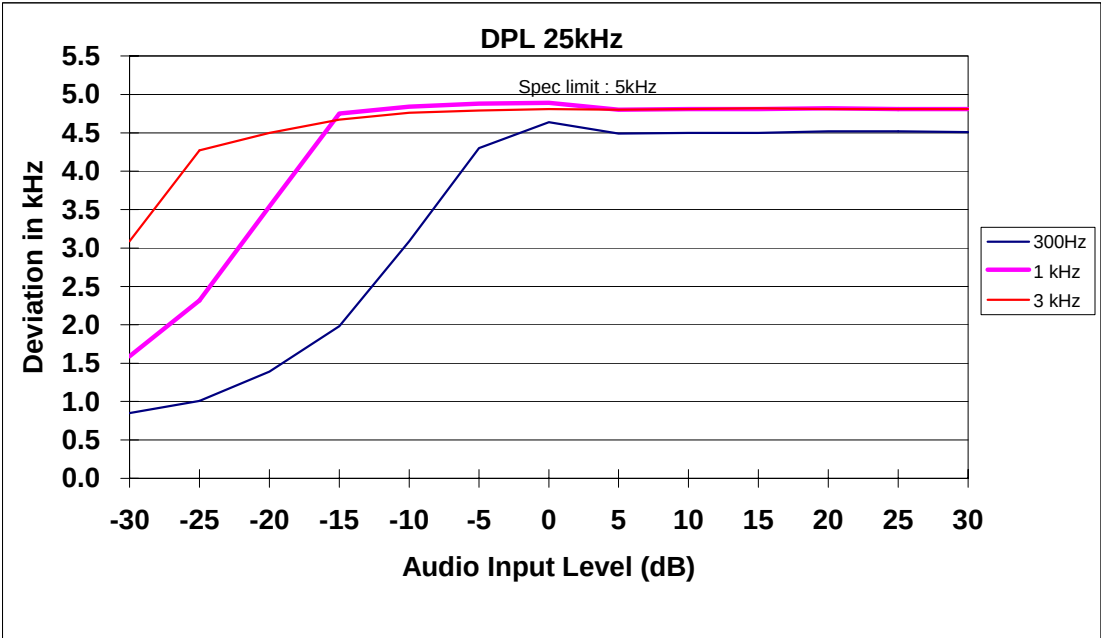


Figure 6D-6: 25 kHz Channel Spacing, 460.025 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E

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

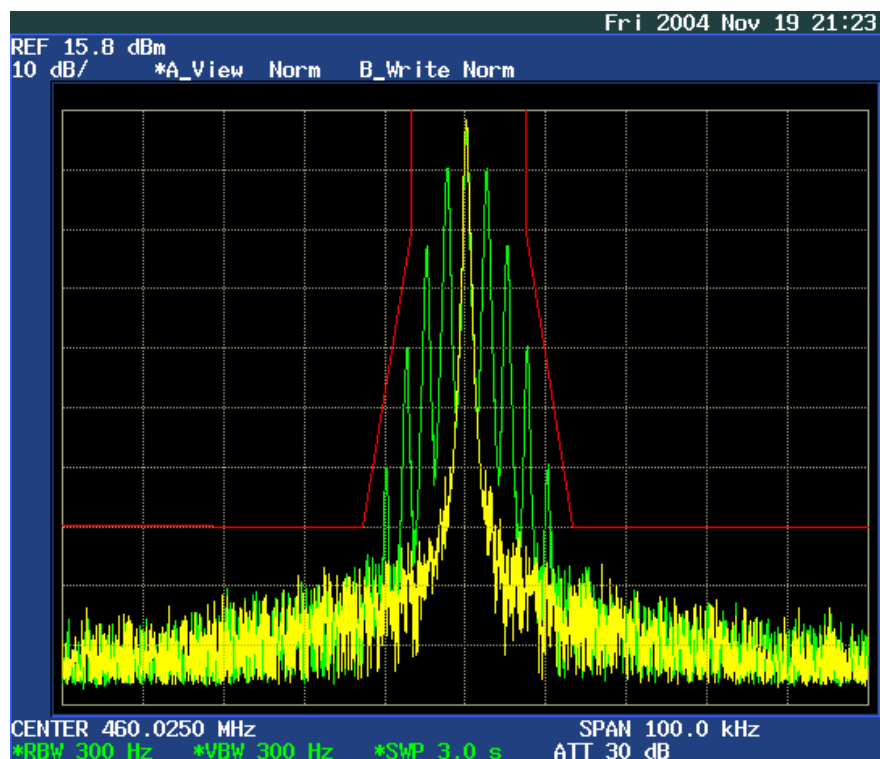


Figure 6E-1: 12.5 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio Modulation Only, Mask D

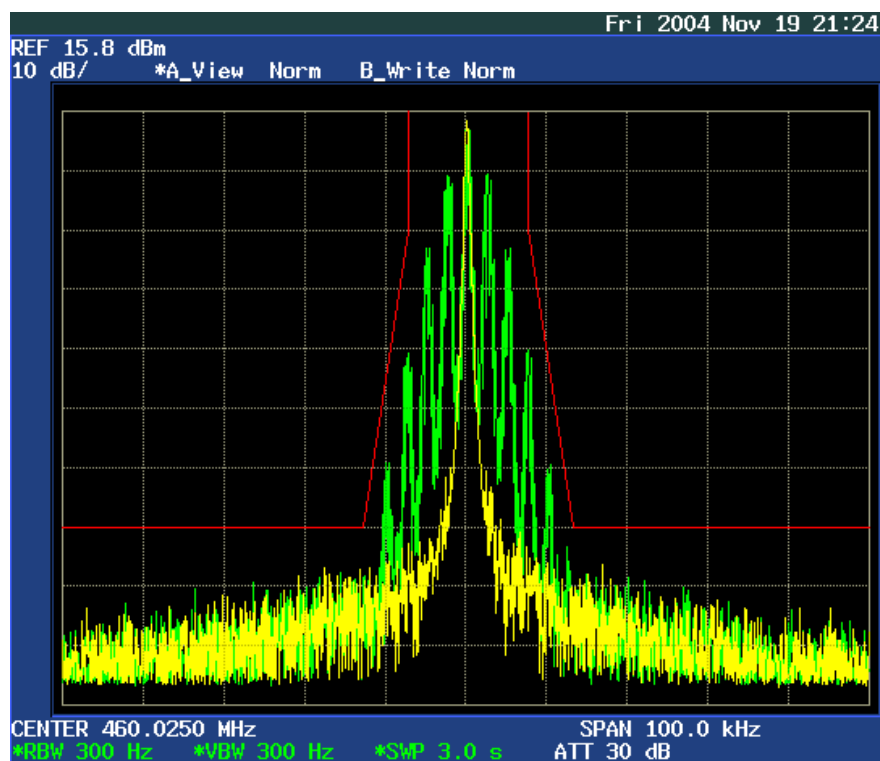


Figure 6E-2: 12.5 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and PL Tone Modulation, Mask D

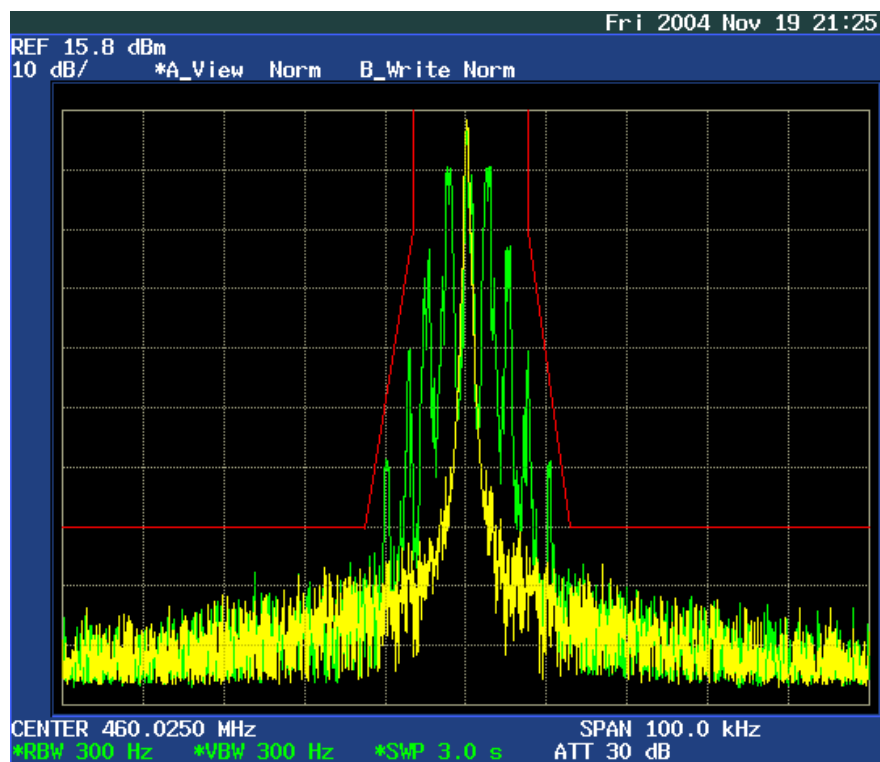


Figure 6E-3: 12.5 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask D

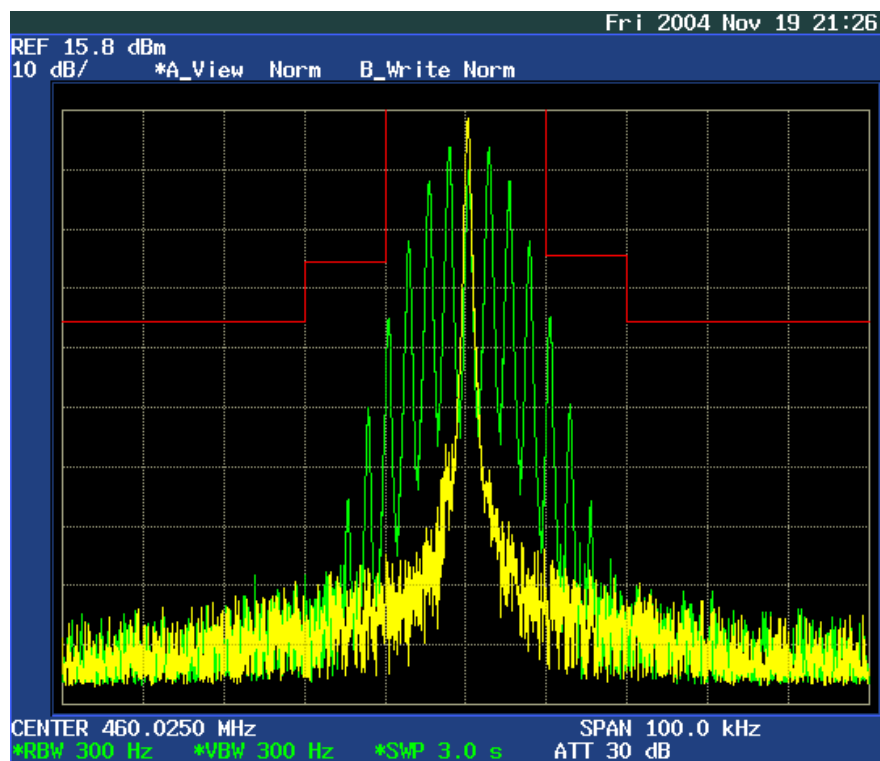


Figure 6E-4: 25 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio Modulation Only, Mask B

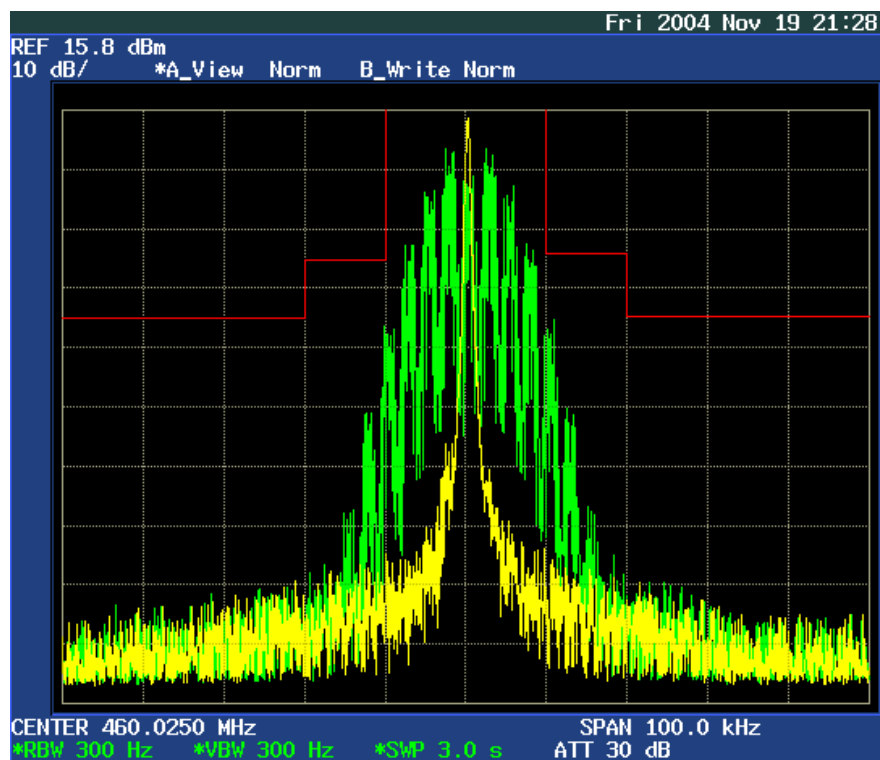


Figure 6E-5: 25 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and PL Tone Modulation, Mask B

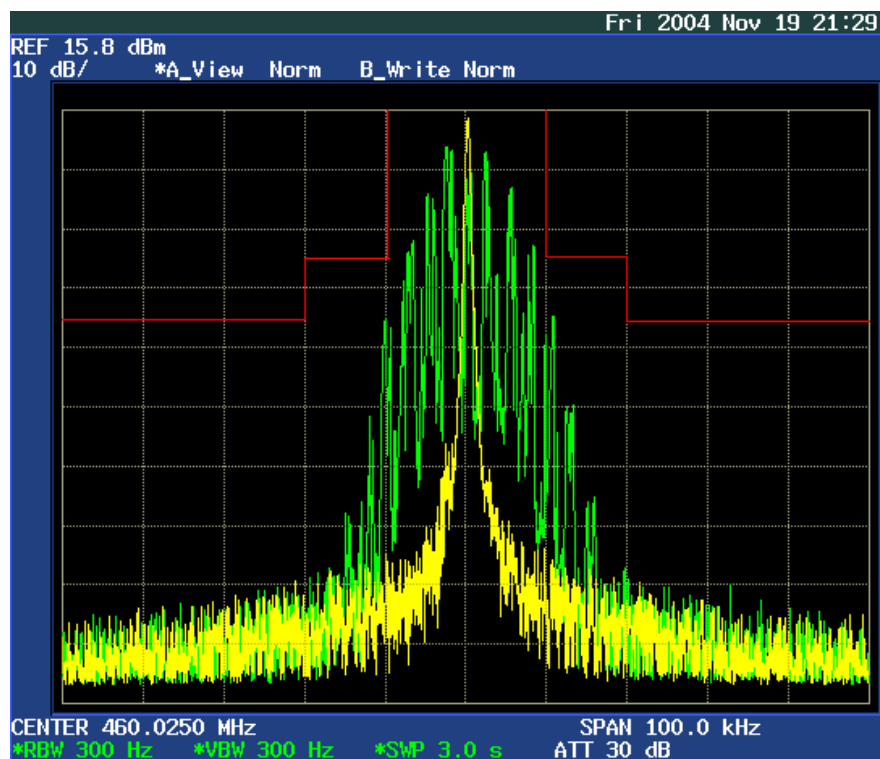


Figure 6E-6: 25 kHz Channel Spacing, 460.025 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask B

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.

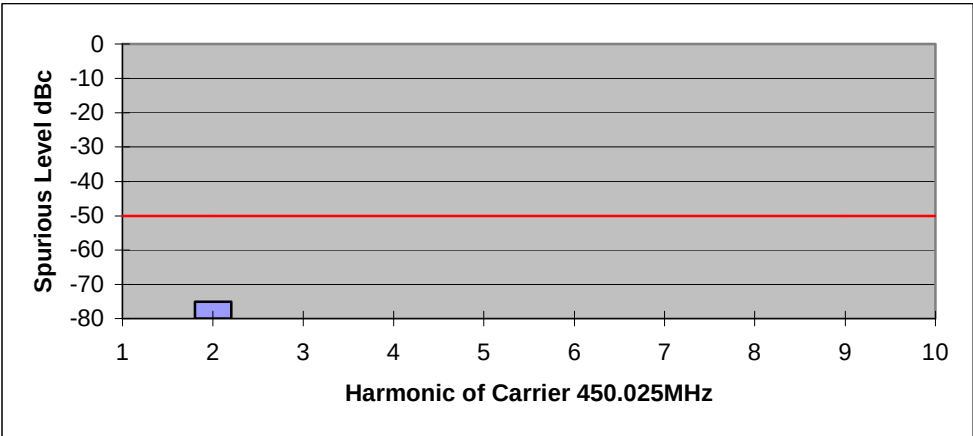


Table 6F-1: 1 Watt Harmonic of Carrier 450.025 MHz, 12.5 kHz Channel Spacing

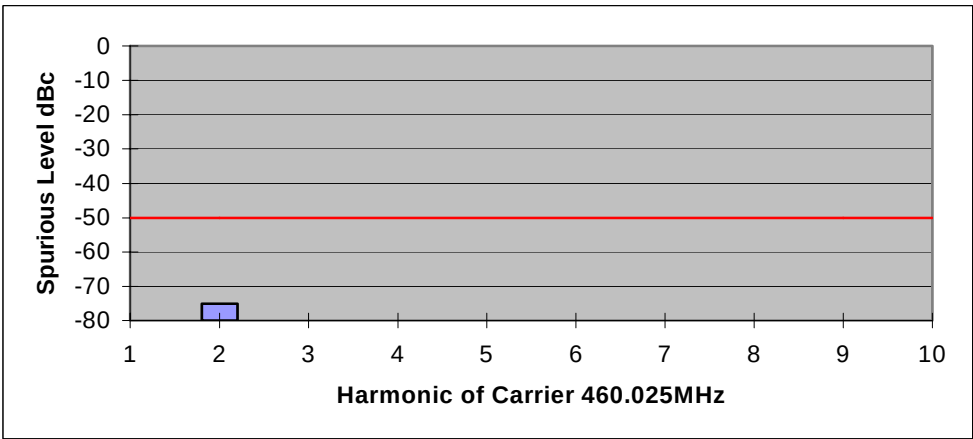


Table 6F-2: 1 Watt Harmonic of Carrier 460.025 MHz, 12.5 kHz Channel Spacing

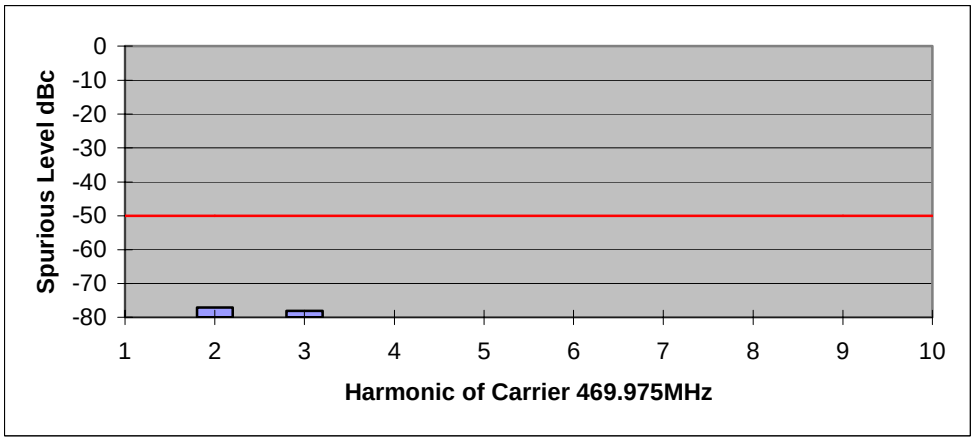


Table 6F-3: 1 Watt Harmonic of Carrier 469.975 MHz, 12.5 kHz Channel Spacing

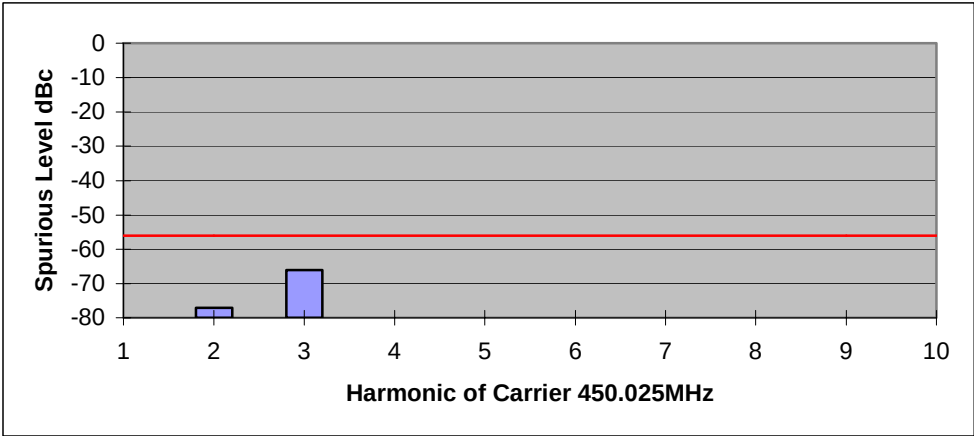


Table 6F-4: 4 Watt Harmonic of Carrier 450.025 MHz, 12.5 kHz Channel Spacing

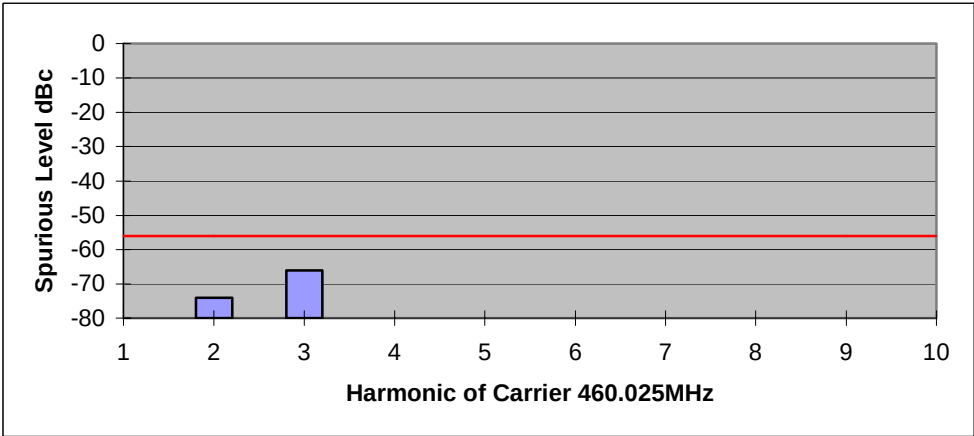


Table 6F-5: 4 Watt Harmonic of Carrier 460.025 MHz, 12.5 kHz Channel Spacing

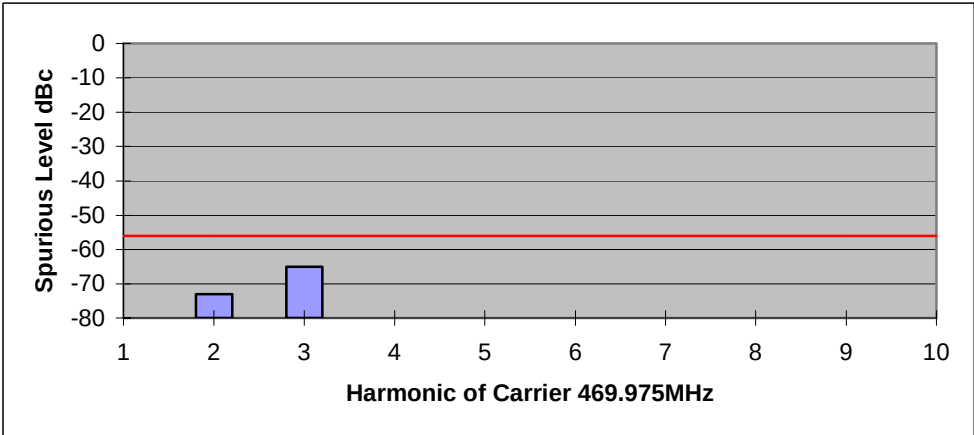


Table 6F-6: 4 Watt Harmonic of Carrier 469.975 MHz, 12.5 kHz Channel Spacing

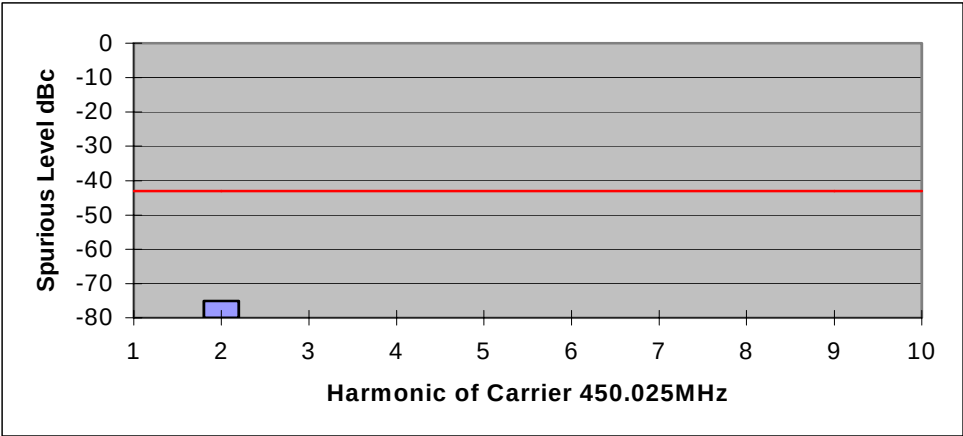


Table 6F-7: 1 Watt Harmonic of Carrier 450.025 MHz, 25 kHz Channel Spacing

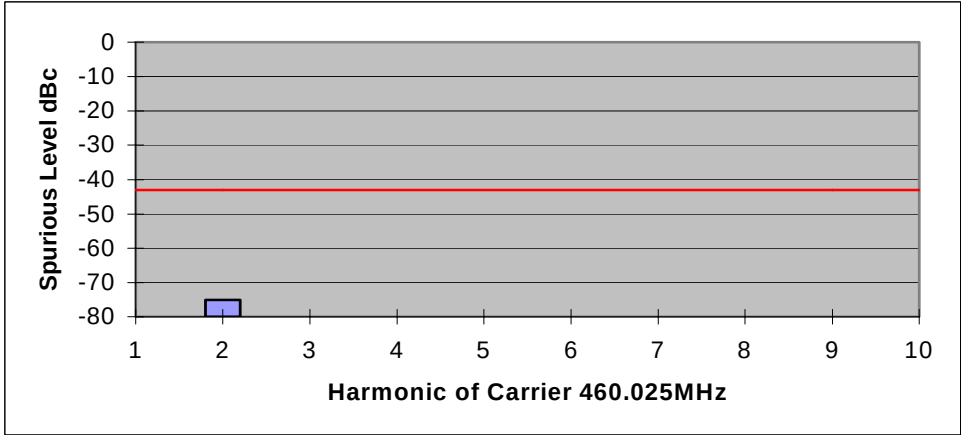


Table 6F-8: 1 Watt Harmonic of Carrier 460.025 MHz, 25 kHz Channel Spacing

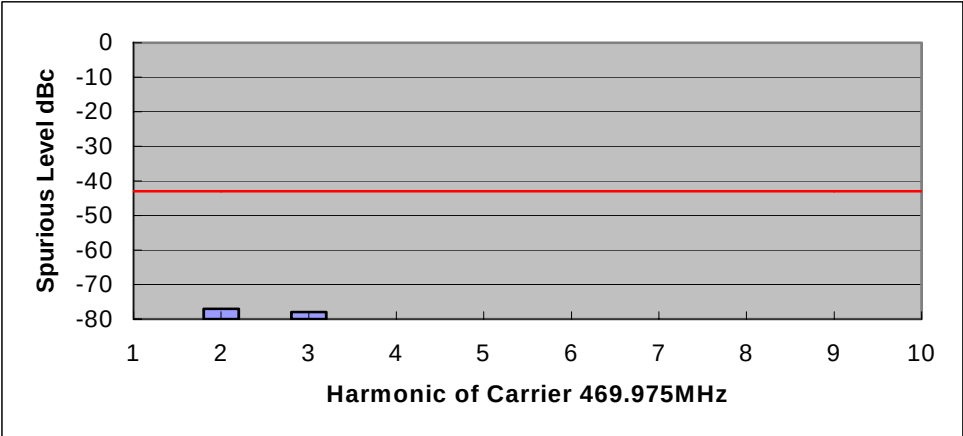


Table 6F-9: 1 Watt Harmonic of Carrier 469.975 MHz, 25 kHz Channel Spacing

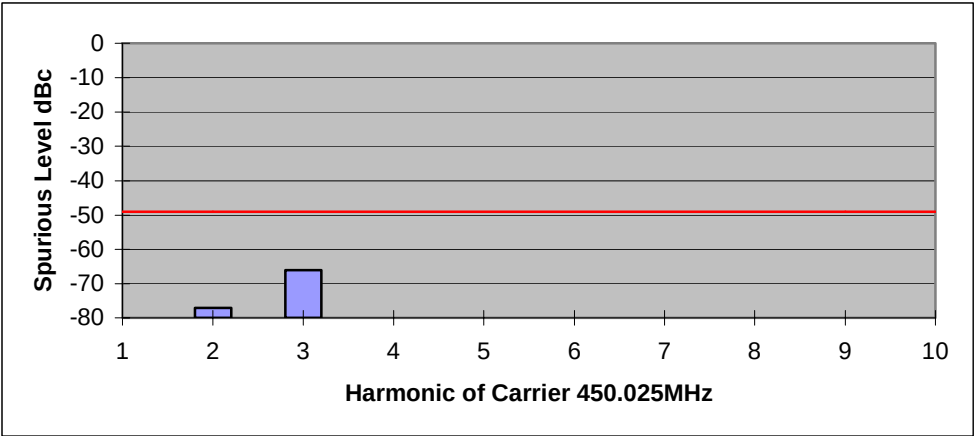


Table 6F-10: 4 Watt Harmonic of Carrier 450.025 MHz, 25 kHz Channel Spacing

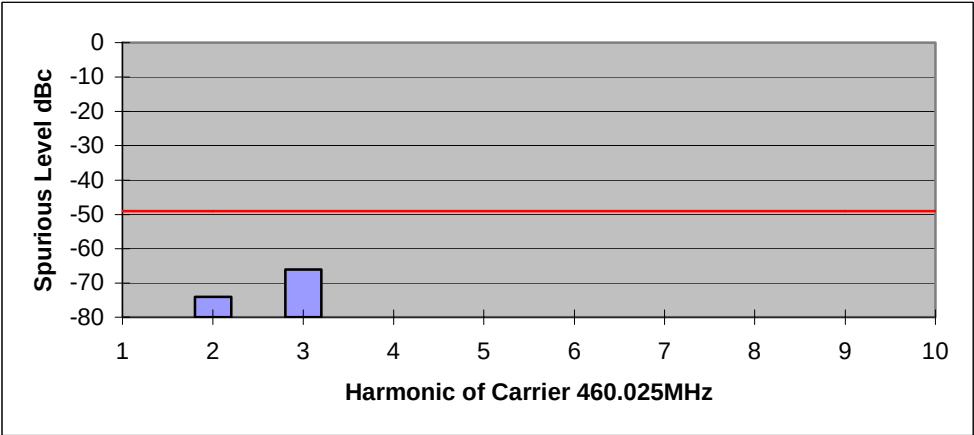


Table 6F-11: 4 Watt Harmonic of Carrier 460.025 MHz, 25 kHz Channel Spacing

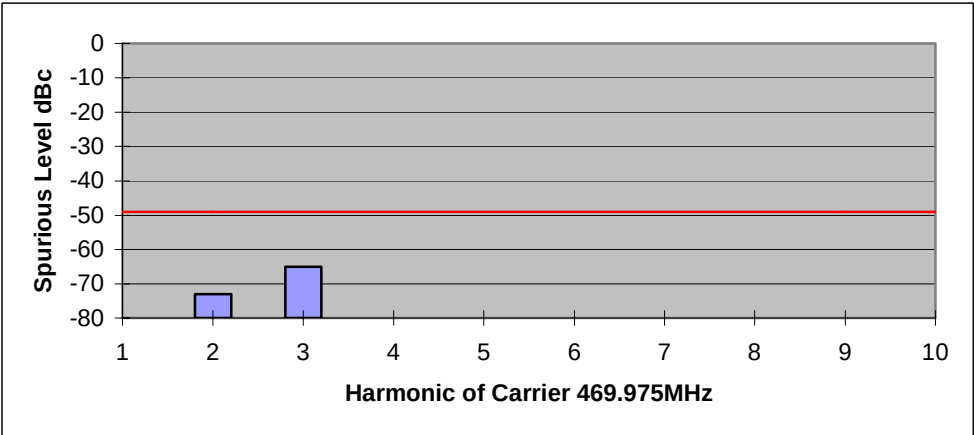


Table 6F-12: 4 Watt Harmonic of Carrier 469.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6G

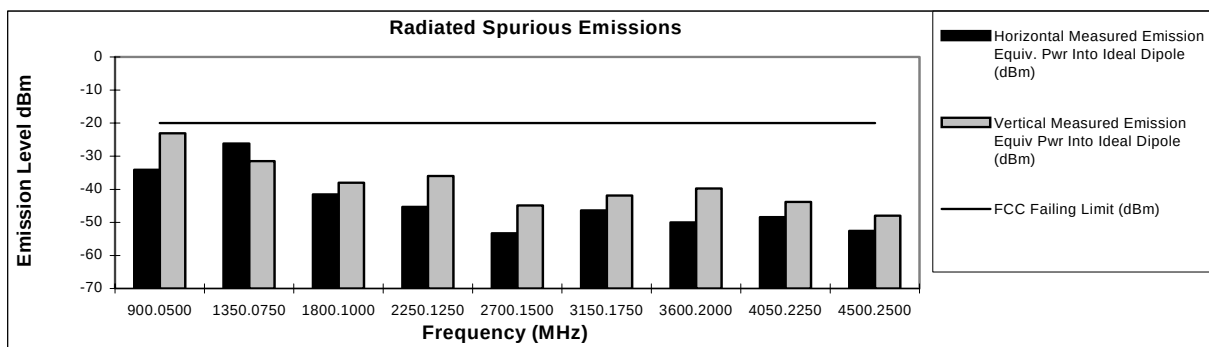
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

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



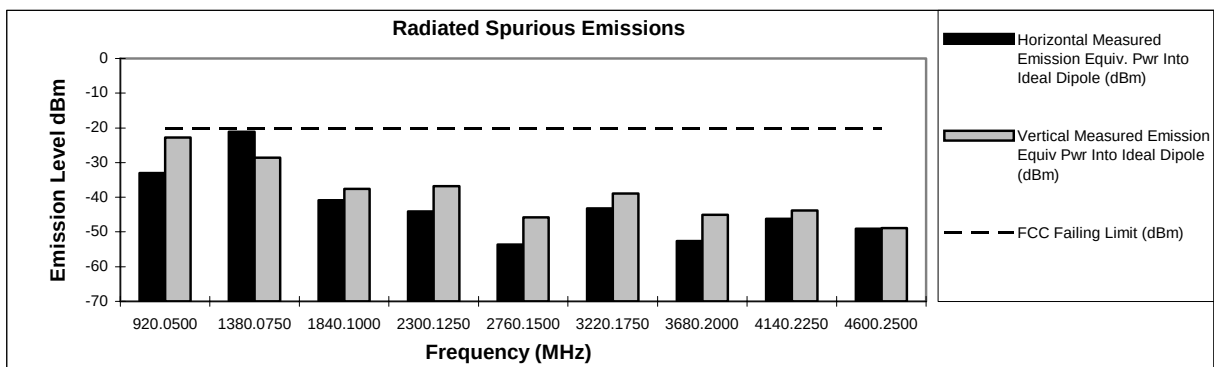
Graph 6G – 1: 4 Watts, 450.025 MHz, 12.5 kHz Channel Spacing

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



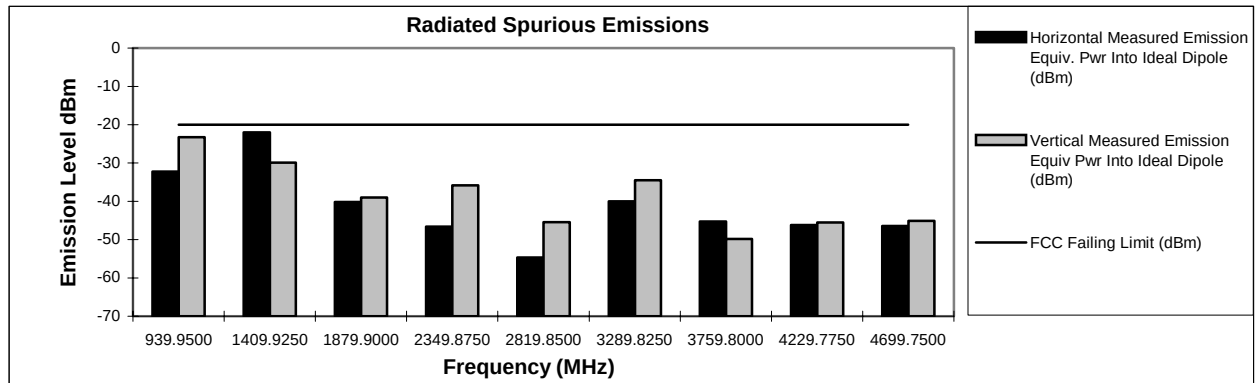
Graph 6G – 2: 4 Watts, 460.025 MHz, 12.5 kHz Channel Spacing

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



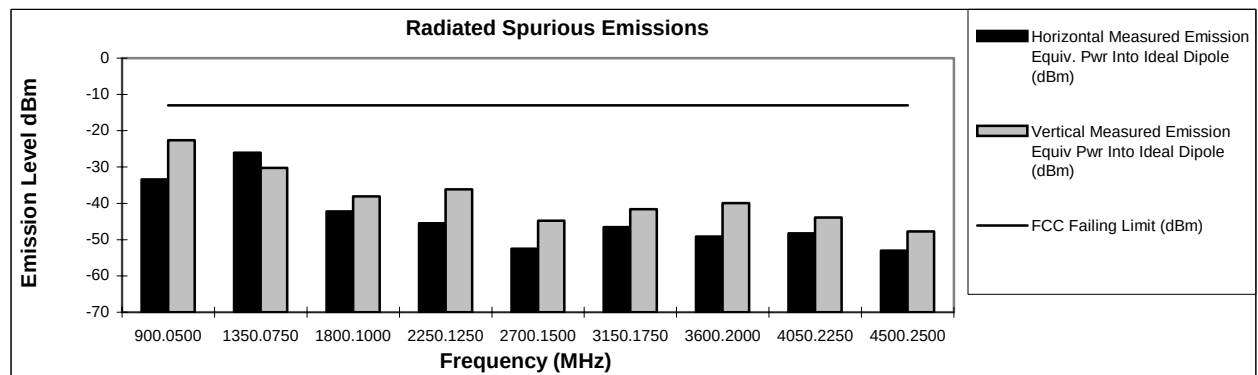
Graph 6G – 3: 4 Watts, 469.975 MHz, 12.5 kHz Channel Spacing

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



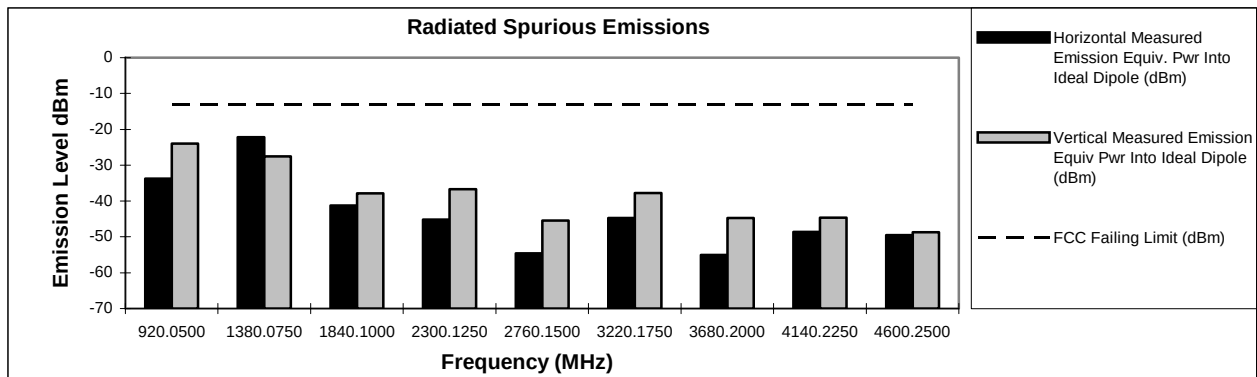
Graph 6G – 4: 4 Watts, 450.025 MHz, 25 kHz Channel Spacing

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



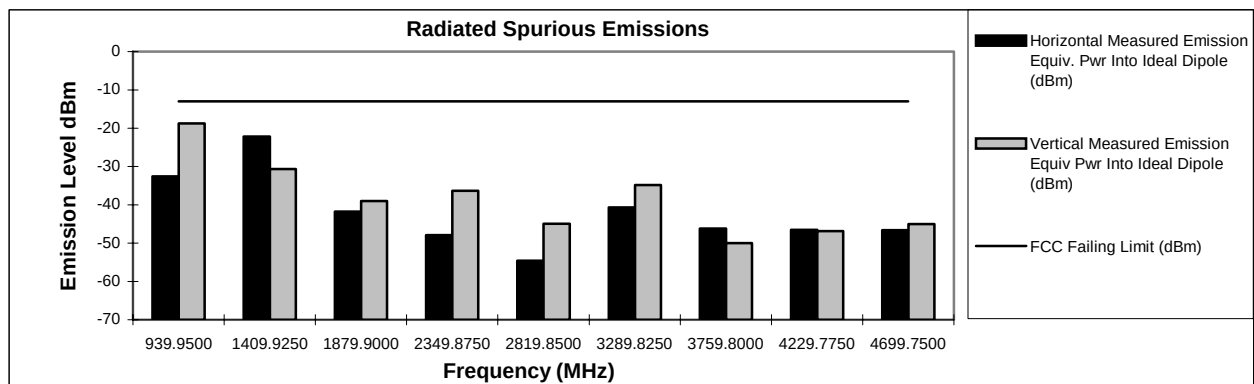
Graph 6G – 5: 4 Watts, 460.025 MHz, 25 kHz Channel Spacing

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



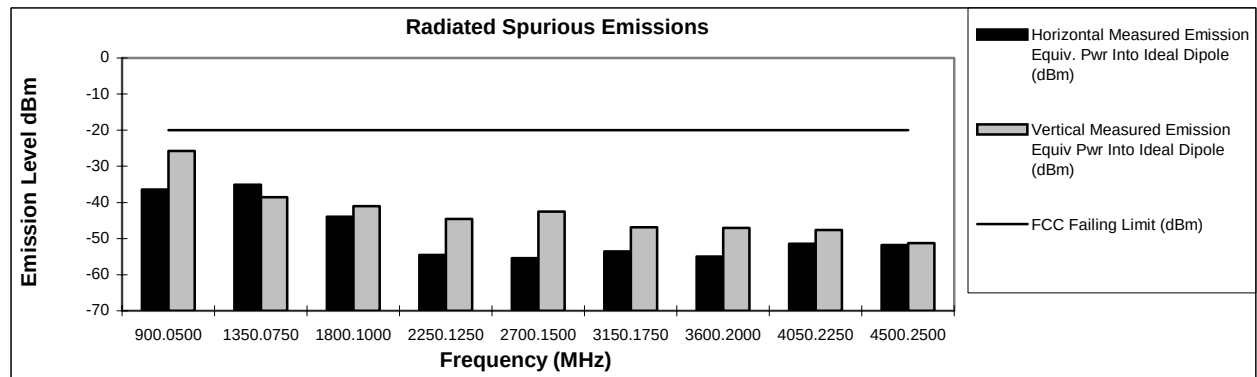
Graph 6G – 6: 4 Watts, 469.975 MHz, 25 kHz Channel Spacing

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



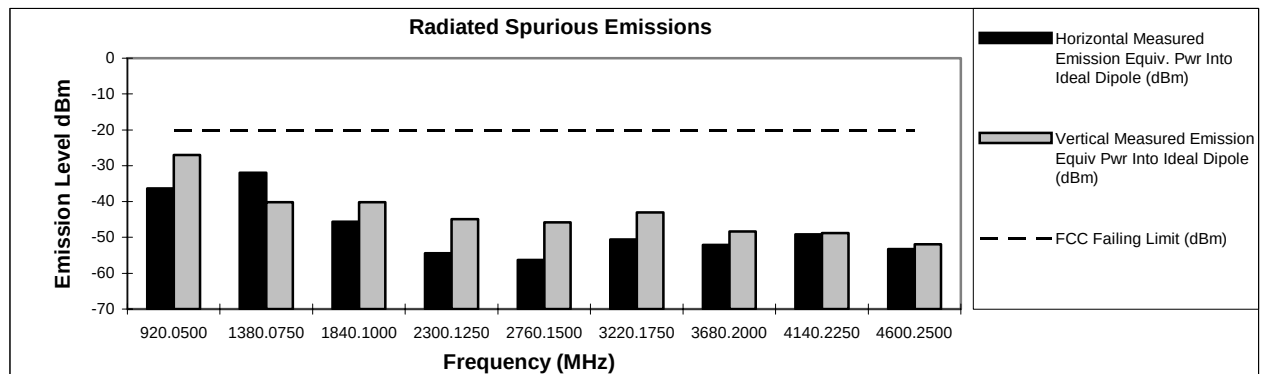
Graph 6G – 7: 1 Watts, 450.025 MHz, 12.5 kHz Channel Spacing

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



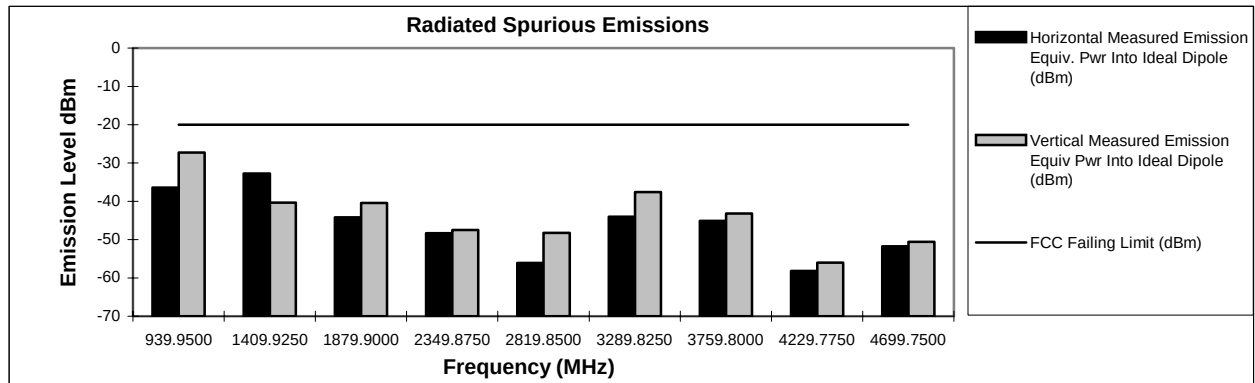
Graph 6G – 8: 1 Watts, 460.025 MHz, 12.5 kHz Channel Spacing

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



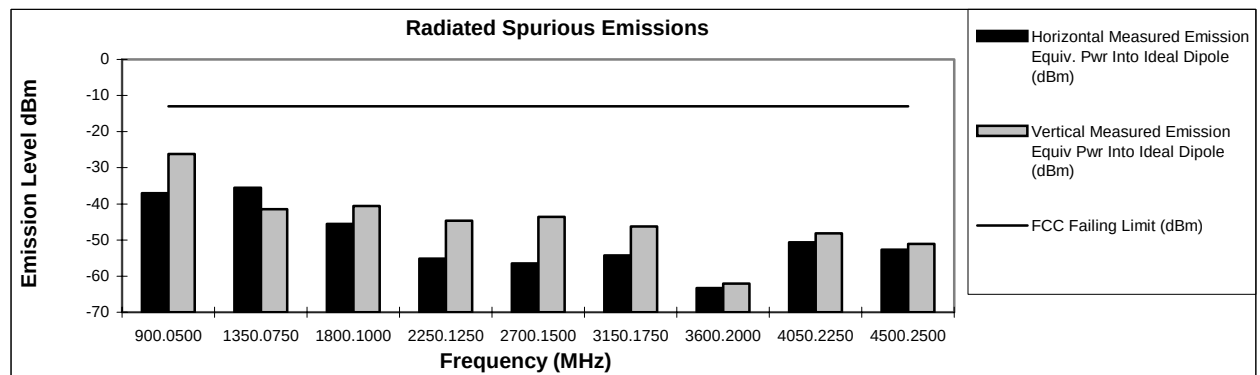
Graph 6G – 9: 1 Watts, 469.975 MHz, 12.5 kHz Channel Spacing

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



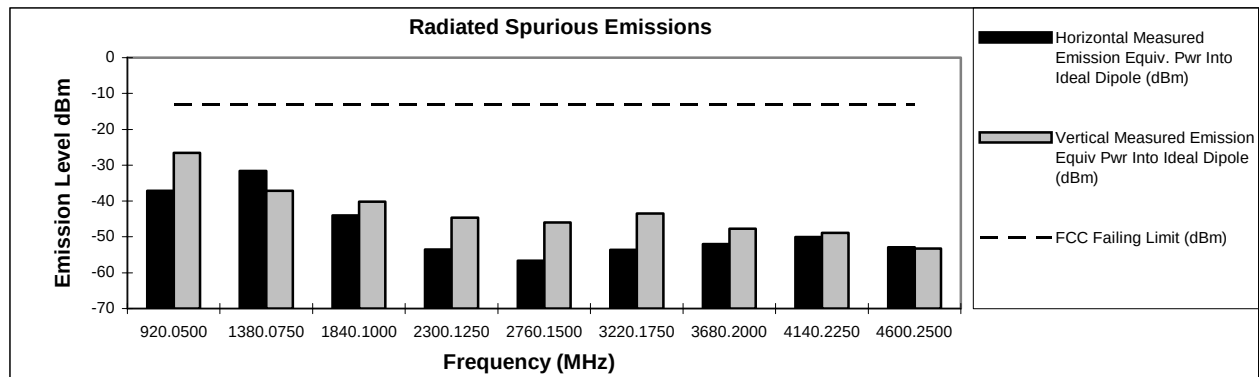
Graph 6G – 10: 1 Watts, 450.025 MHz, 25 kHz Channel Spacing

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



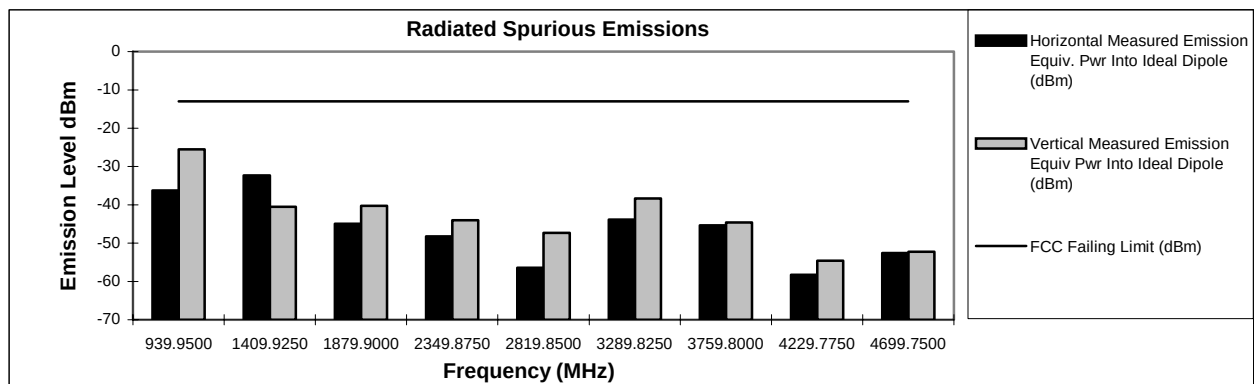
Graph 6G – 11: 1 Watts, 460.025 MHz, 25 kHz Channel Spacing

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)

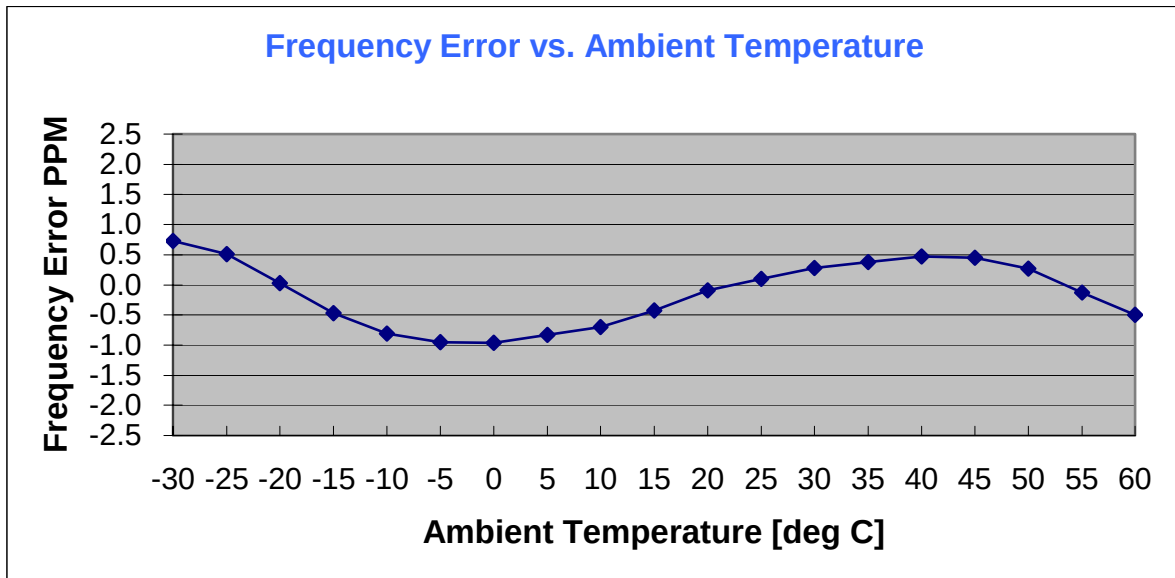


Figure 6H-1: Frequency Stability vs. Temperature

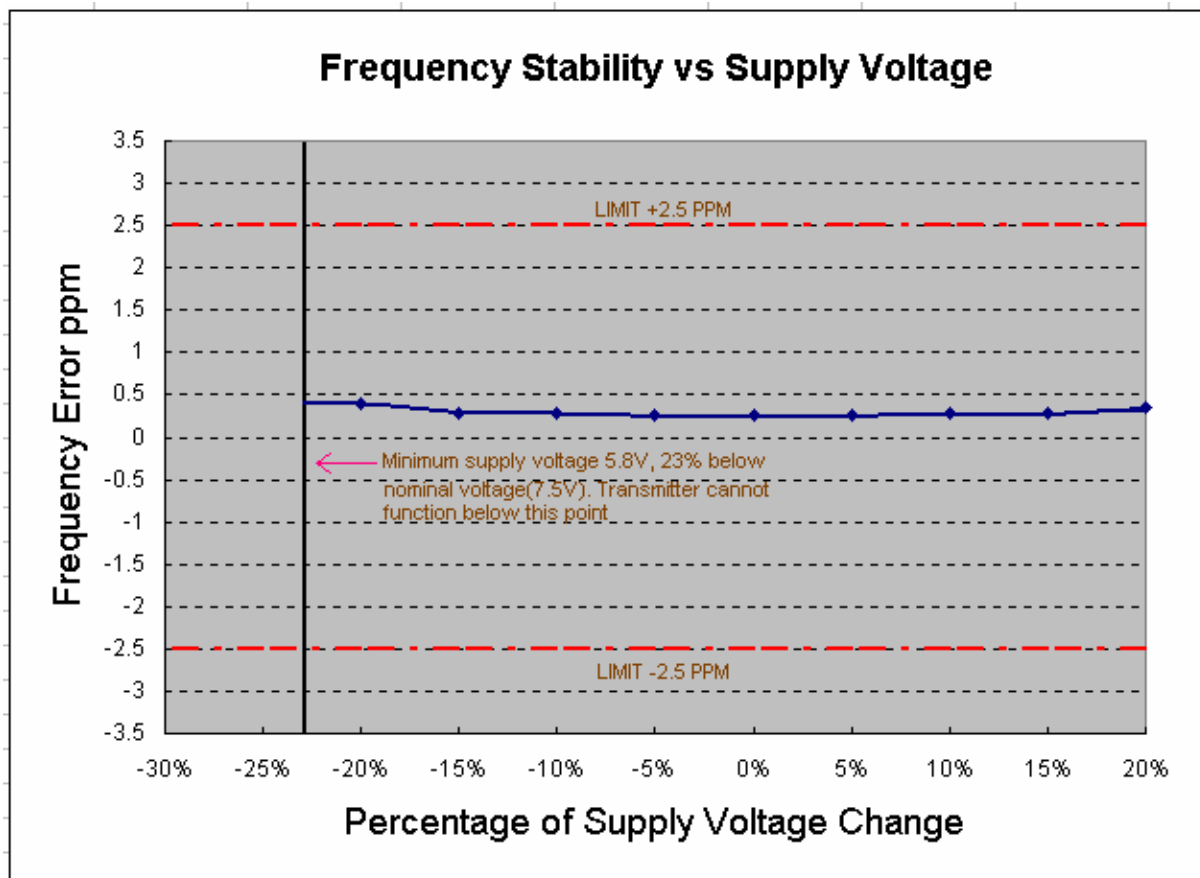


Figure 6H-2: Frequency Stability vs. Voltage

EXHIBIT 6I

Transient Frequency Behavior (FCC Rules Part 90.214)

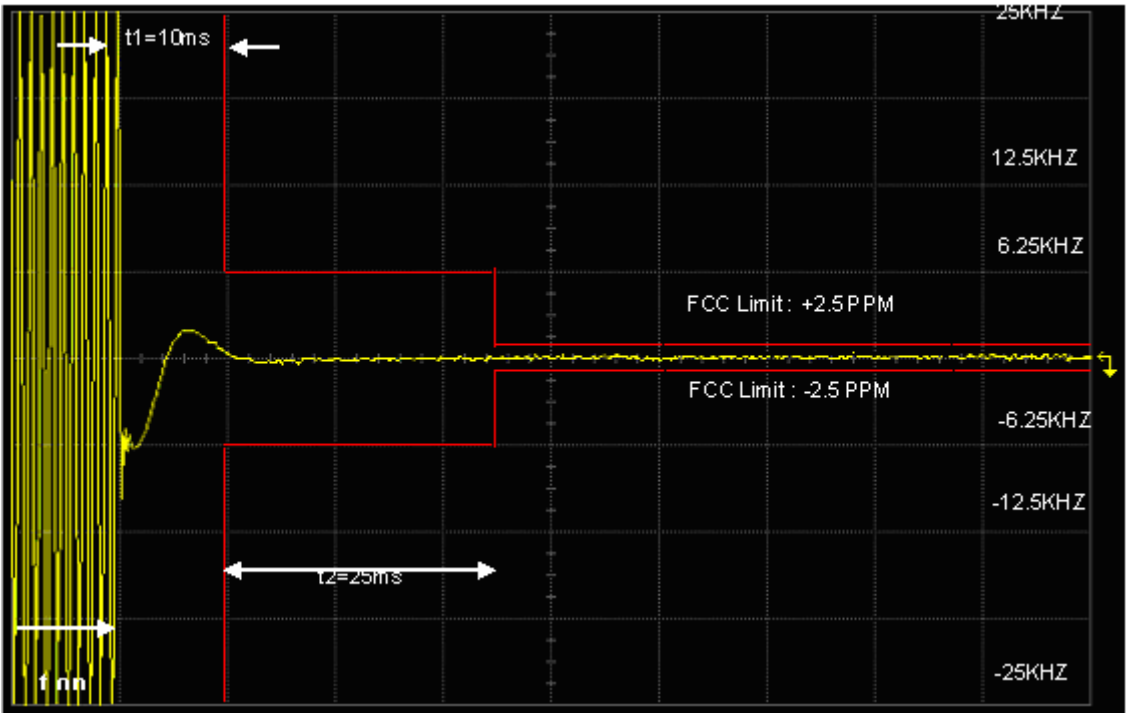


Figure 6I-1: 4 Watts, 12.5 kHz Key-Up Attack Time

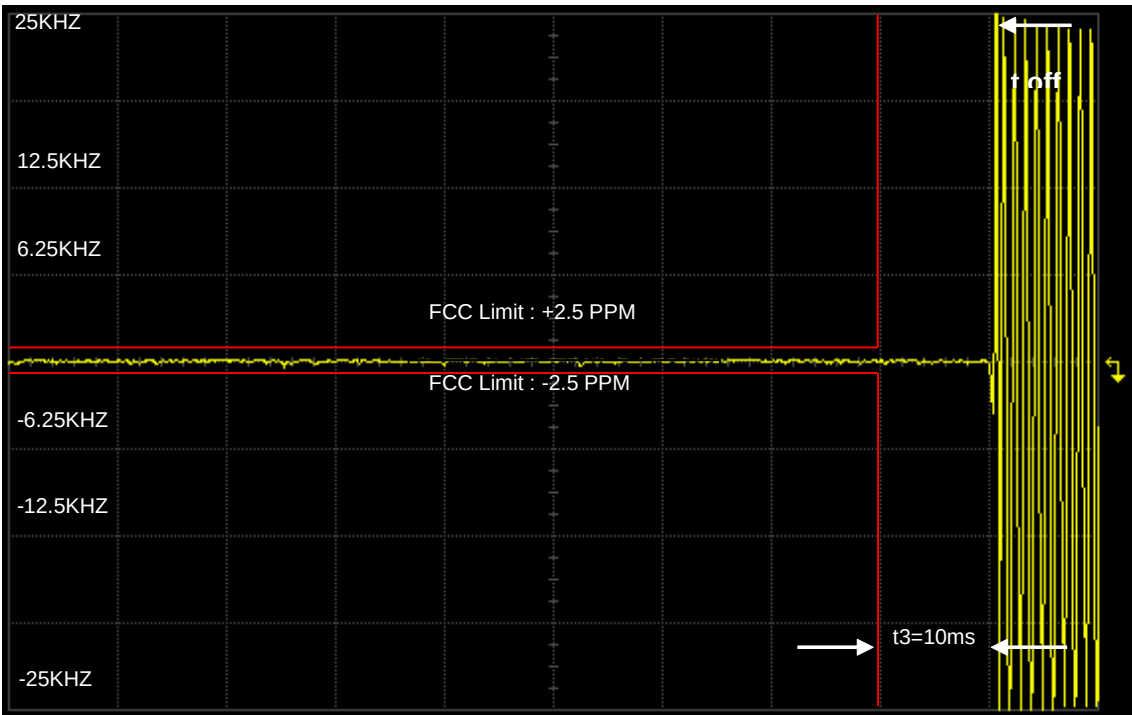


Figure 6I-2: 4 Watts, 12.5 kHz De-Key Decay Time

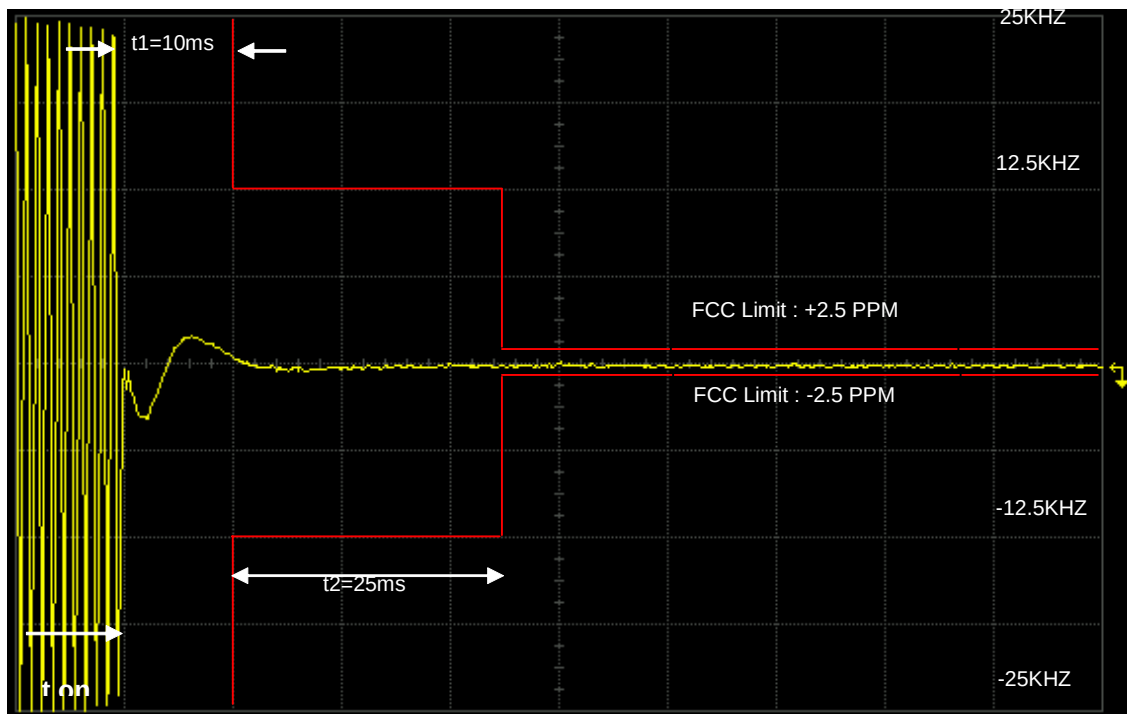


Figure 6I-3: 4 Watts, 25 kHz Key-Up Attack Time

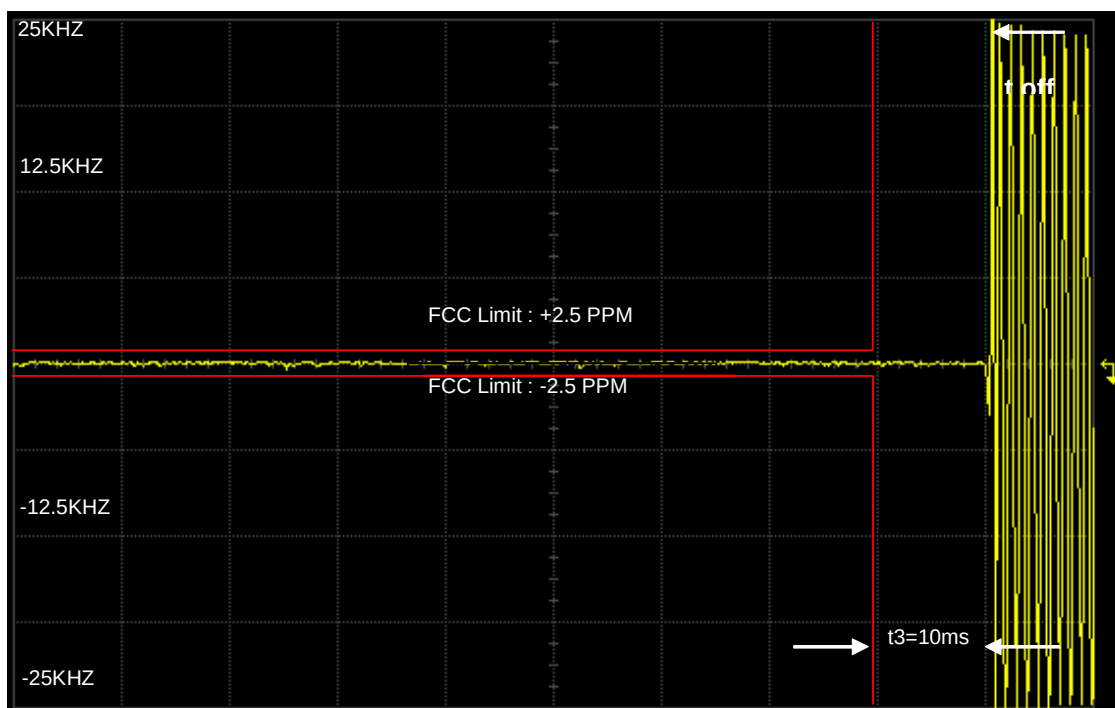


Figure 6I-4: 4 Watts, 25 kHz De-Key Decay Time

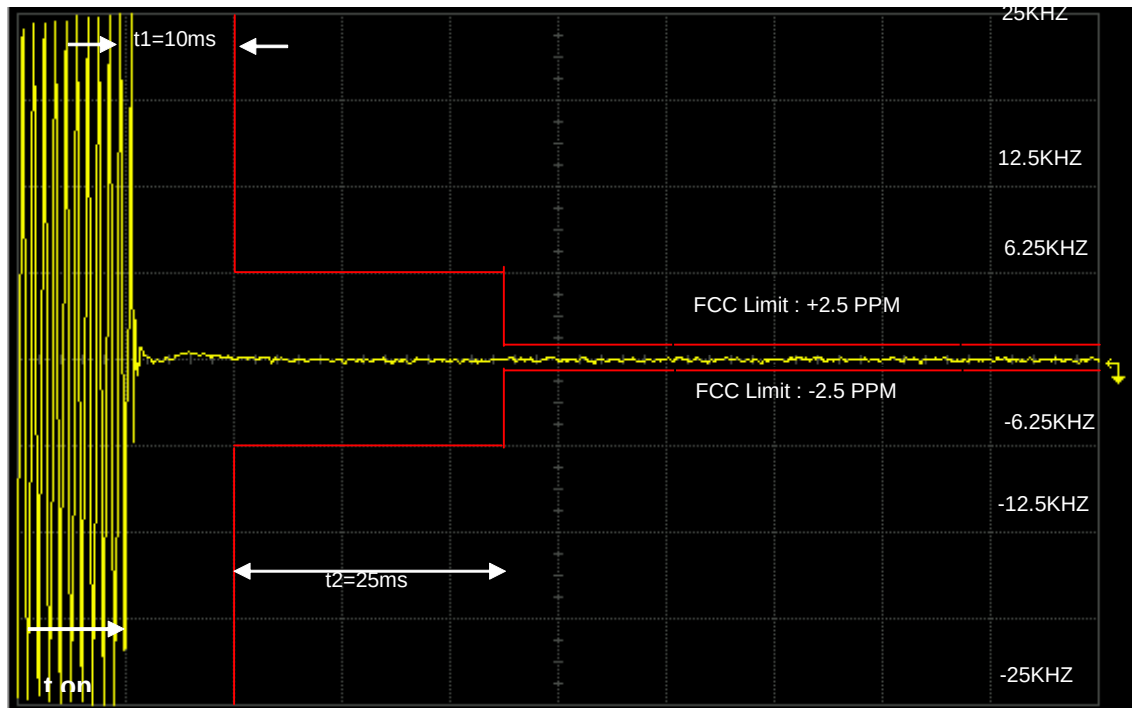


Figure 6I-5: 1 Watt, 12.5 kHz Key-Up Attack Time

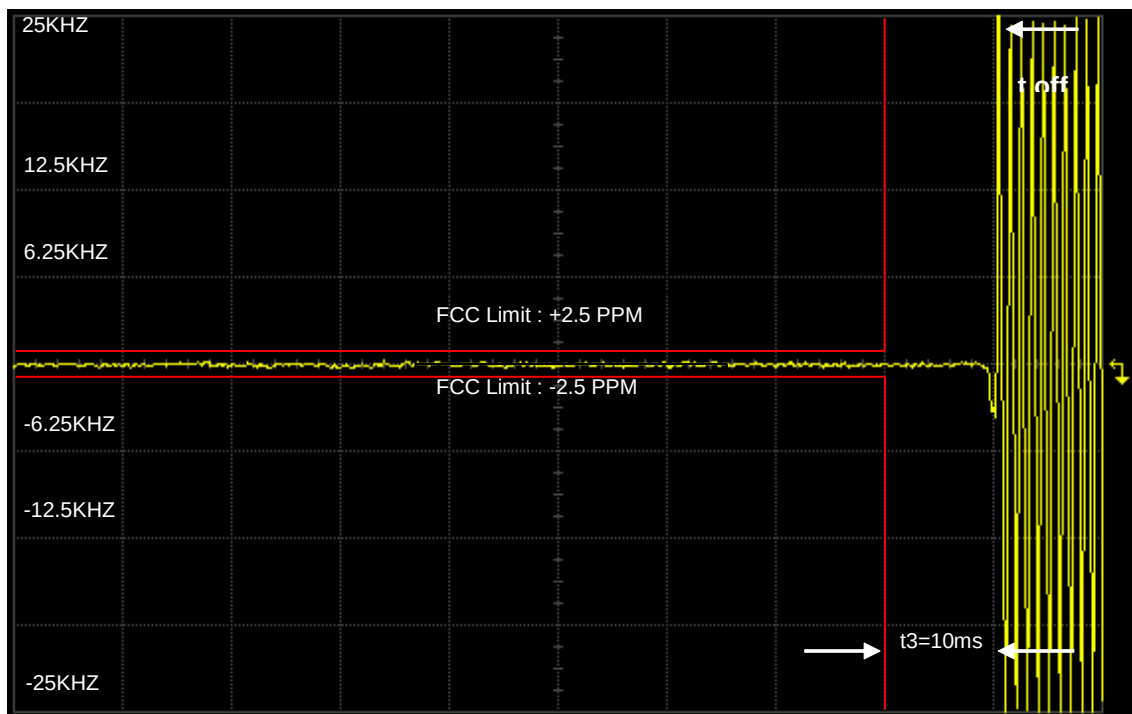


Figure 6I-6: 1 Watt, 12.5 kHz De-Key Decay Time

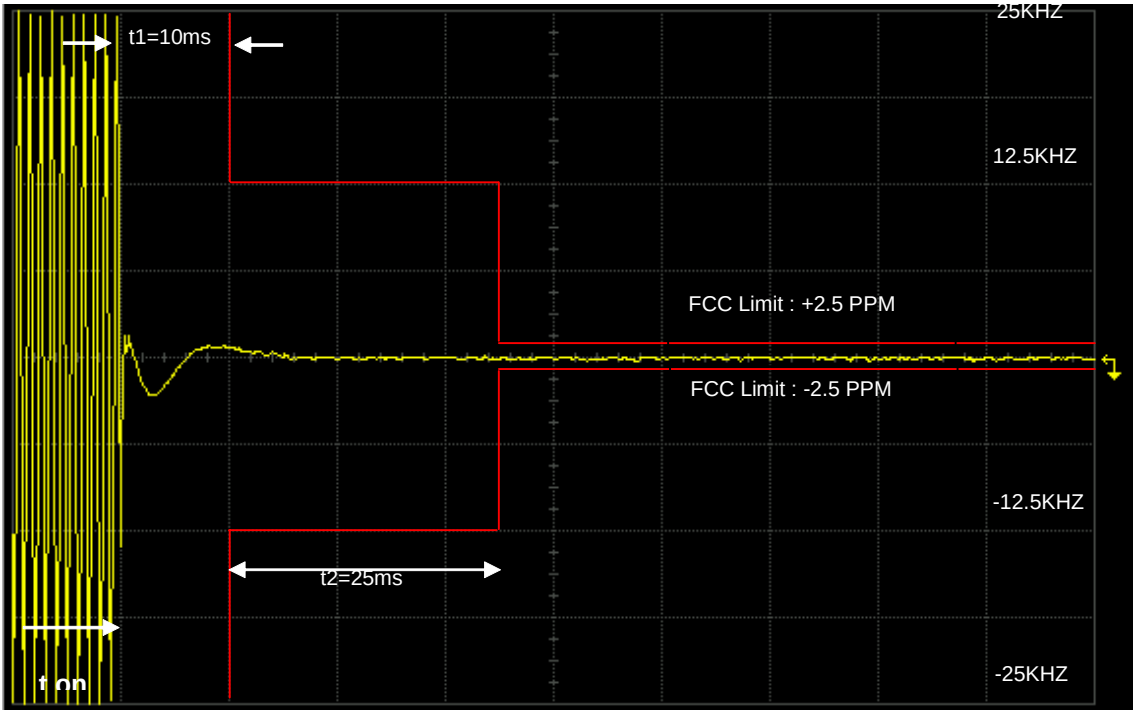


Figure 6I-7: 1 Watt, 25 kHz Key-Up Attack Time

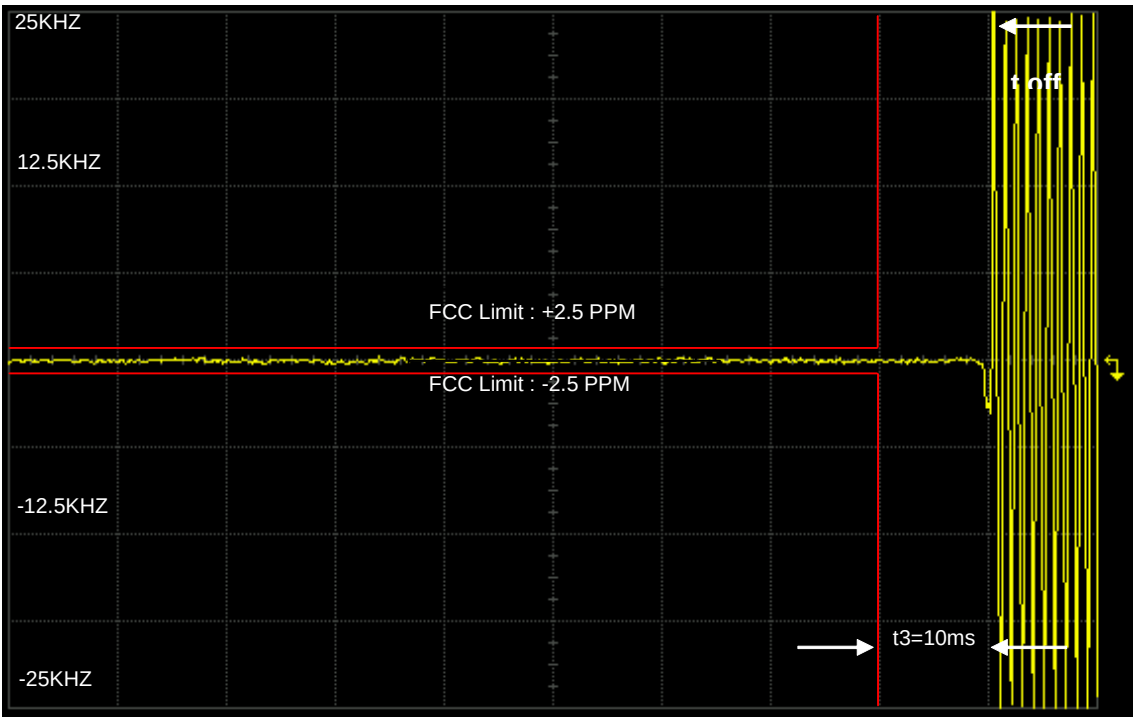


Figure 6I-8: 1 Watt, 25 kHz De-Key Decay Time