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

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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 (Q100).

At maximum output power setting, Frequency 146 MHz:

Output RF power	28.0	Watts
DC Voltage	13.8	Volts
DC Current	4.95	Amps
RF PA Input Power	1.69	Watts

At minimum output power setting, Frequency 146 MHz:

Output RF power	1.05	Watts
DC Voltage	13.8	Volts
DC Current	1.23	Amps
RF PA Input Power	3.99	milliWatts

At maximum output power setting, Frequency 160 MHz:

Output RF power	27.5	Watts
DC Voltage	13.8	Volts
DC Current	4.740	Amps
RF PA Input Power	2.08	Watts

At minimum output power setting, Frequency 160 MHz:

Output RF power	1.04	Watts
DC Voltage	13.8	Volts
DC Current	1.25	Amps
RF PA Input Power	4.98	milliWatts

At maximum output power setting, Frequency 174 MHz:

Output RF power	28.0	Watts
DC Voltage	13.8	Volts
DC Current	5.10	Amps
RF PA Input Power	1.69	Watts

At minimum output power setting, Frequency 174 MHz:

Output RF power	1.05	Watts
DC Voltage	13.8	Volts
DC Current	1.34	Amps
RF PA Input Power	3.99	milliWatts

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

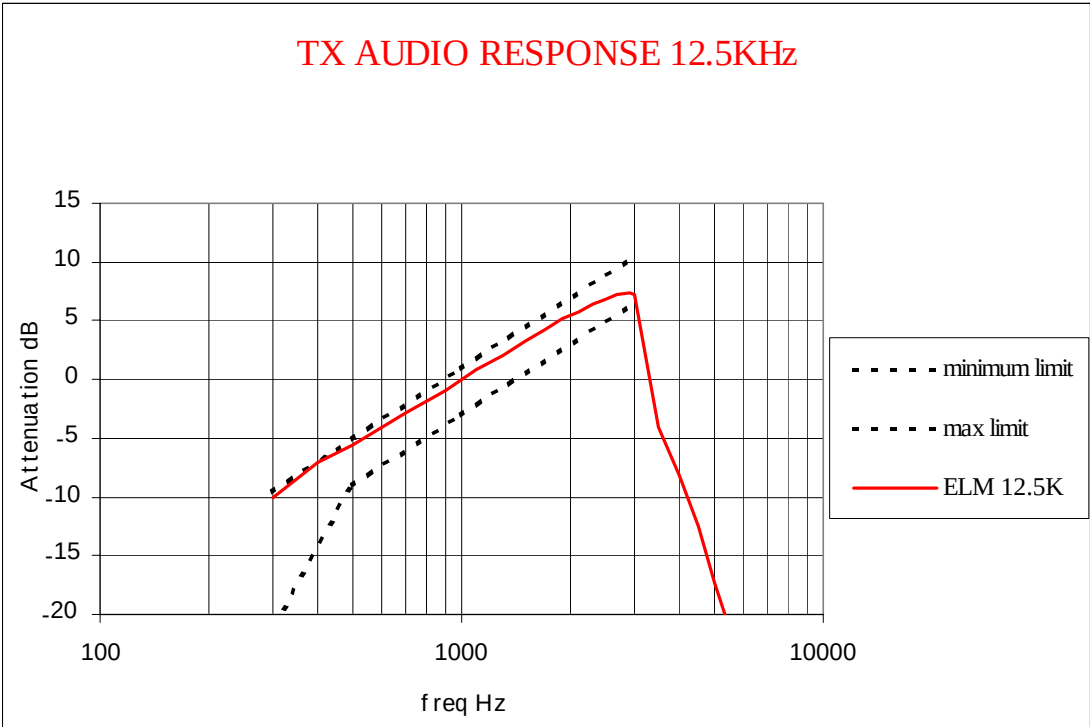


Figure 6B-1: 12.5 KHz Channel Spacing, Transmit Audio Response

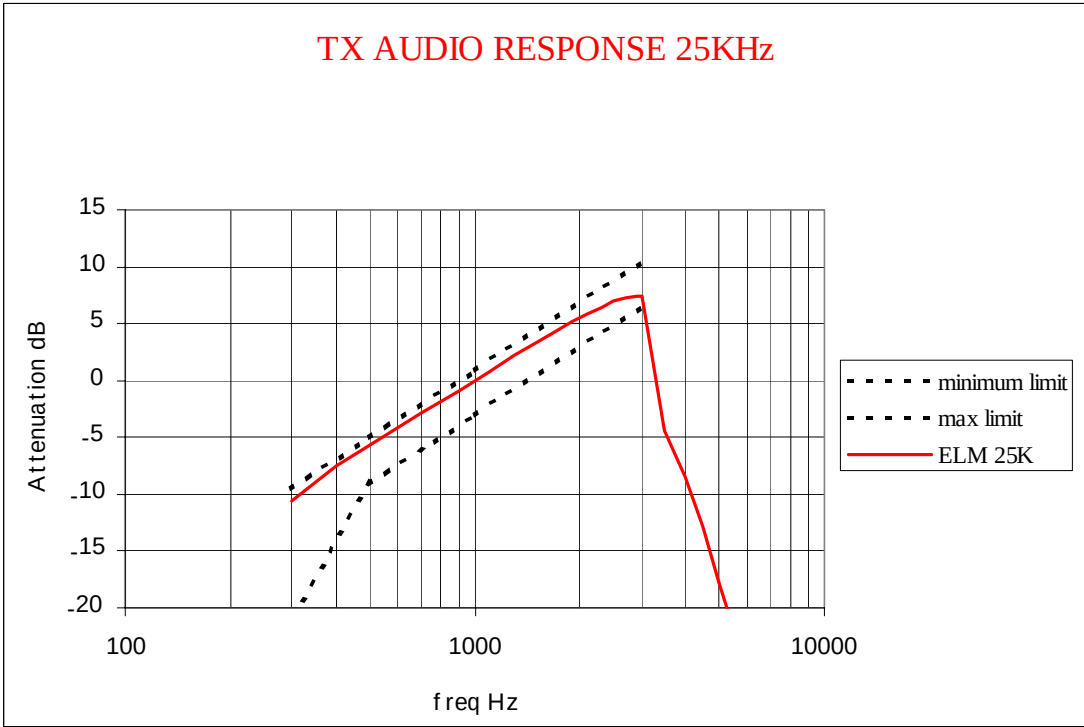


Figure 6B-2: 25 KHz Channel Spacing, Transmit Audio Response

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

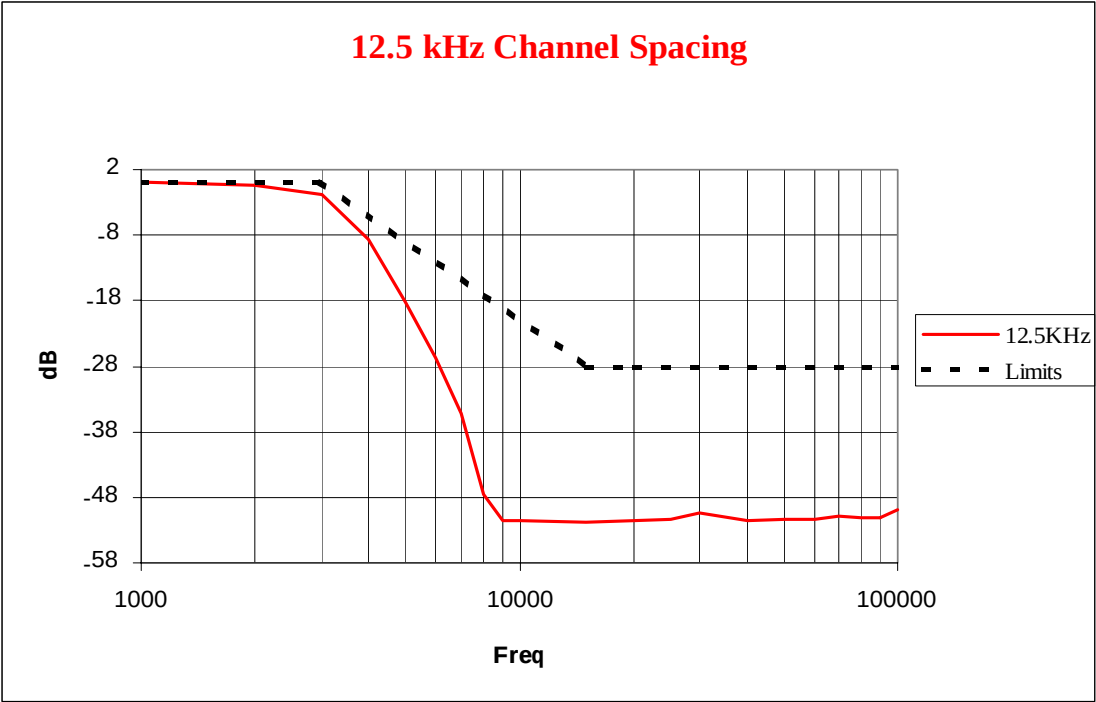


Figure 6C-1: 12.5 KHz Channel Spacing, Transmit Audio Post Limiter Lowpass Filter Response

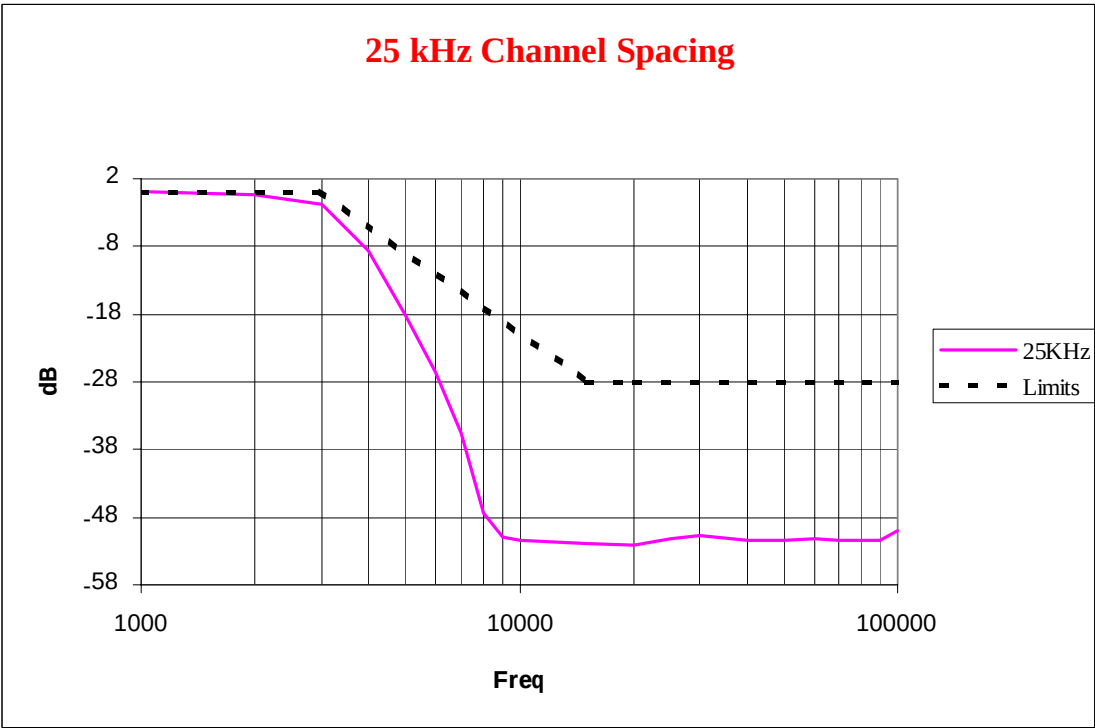


Figure 6C-2: 25 KHz Channel spacing, Transmit Audio Post Limiter Lowpass Filter Response

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



Figure 6D-1: 12.5 KHz Channel Spacing, Carrier Squelch Mode

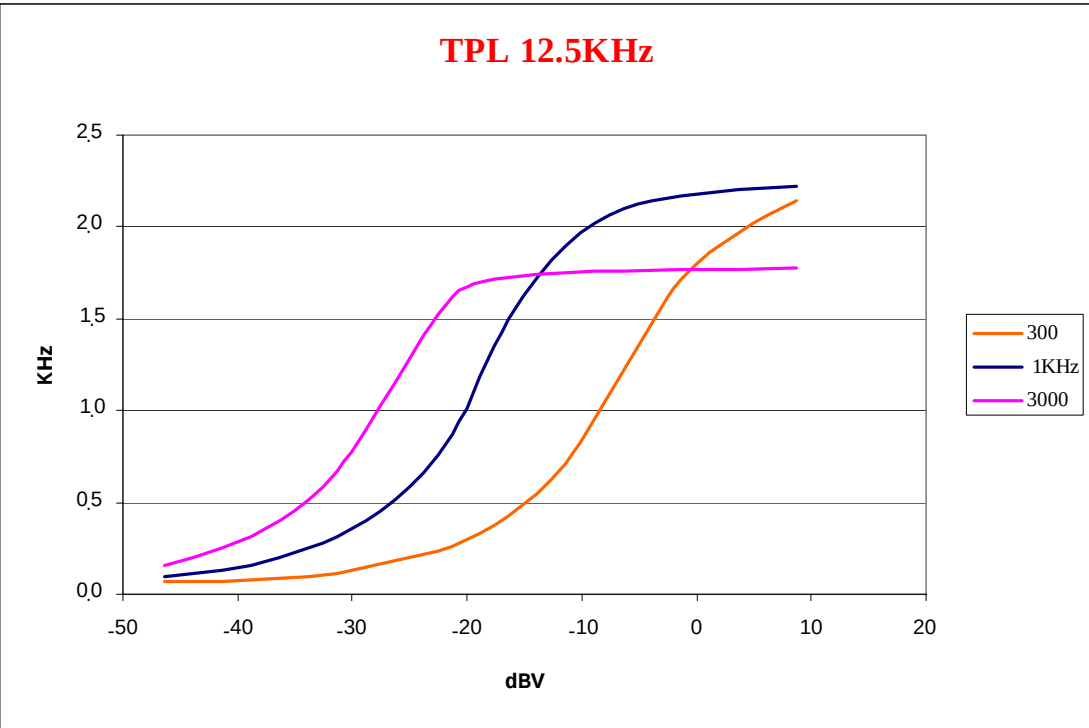


Figure 6D-2: 12.5 KHz Channel Spacing, Tone Private Line (TPL) Mode

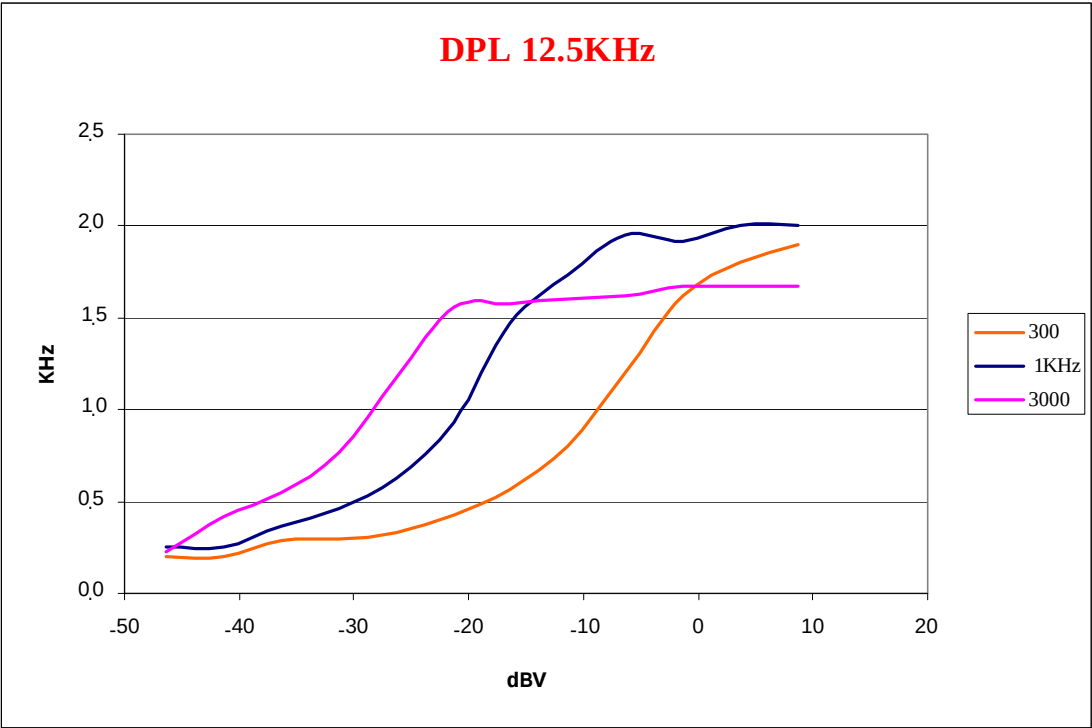


Figure 6D-3: 12.5 KHz Channel Spacing, Digital Private Line (DPL) Mode



Figure 6D-4: 25 KHz Channel Spacing, Carrier Squelch Mode

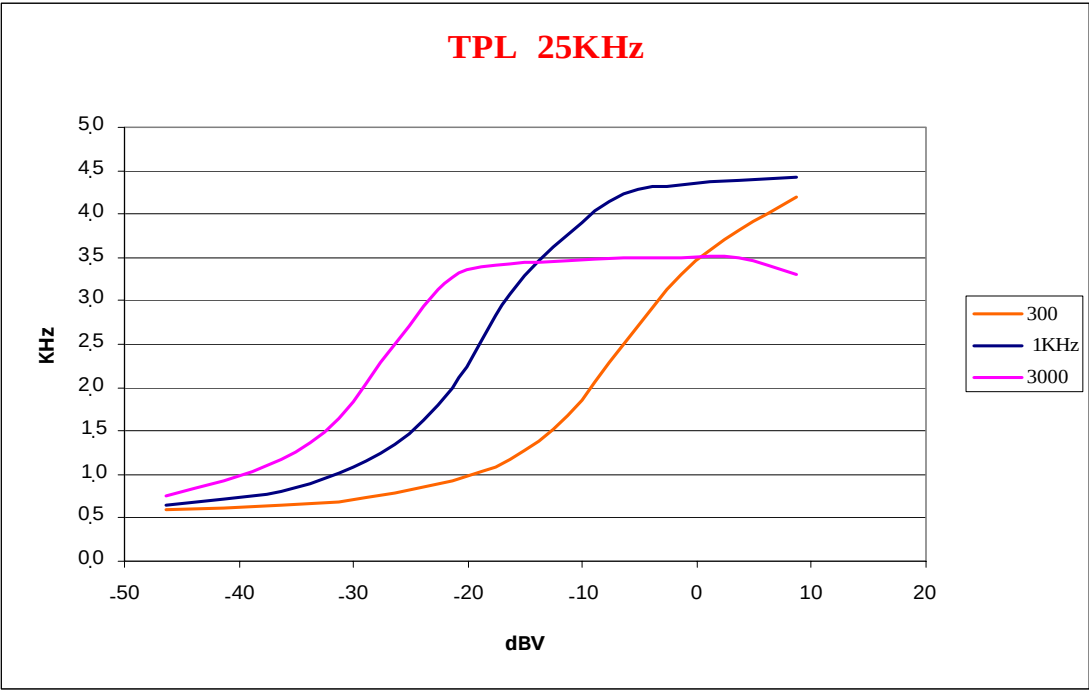


Figure 6D-5: 25 KHz Channel Spacing, Tone Private Line (TPL) Mode

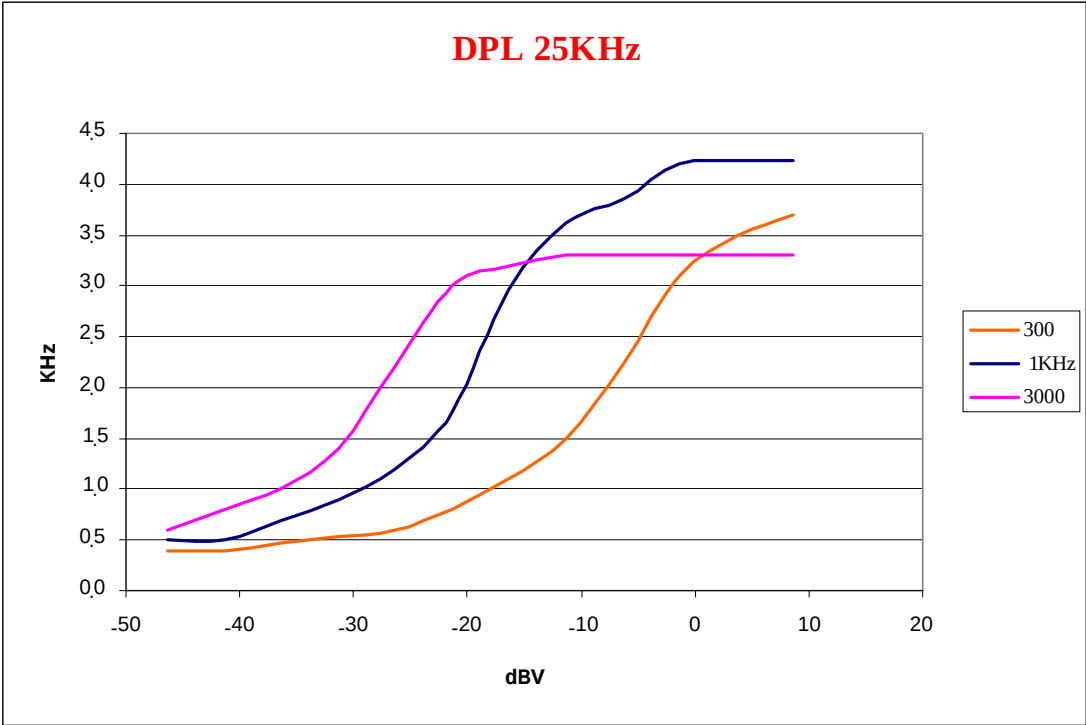
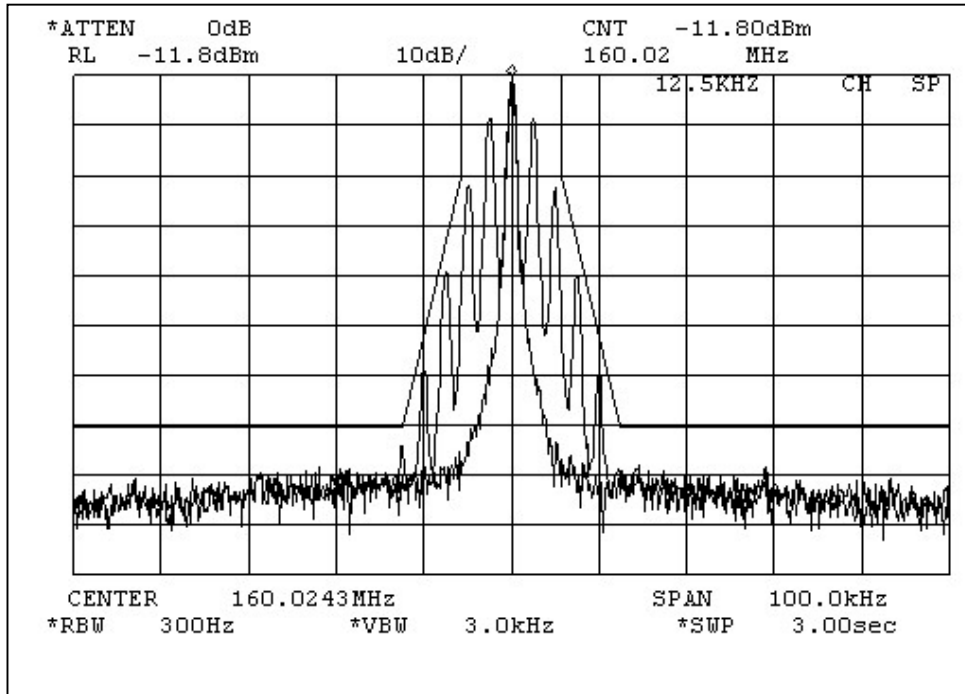
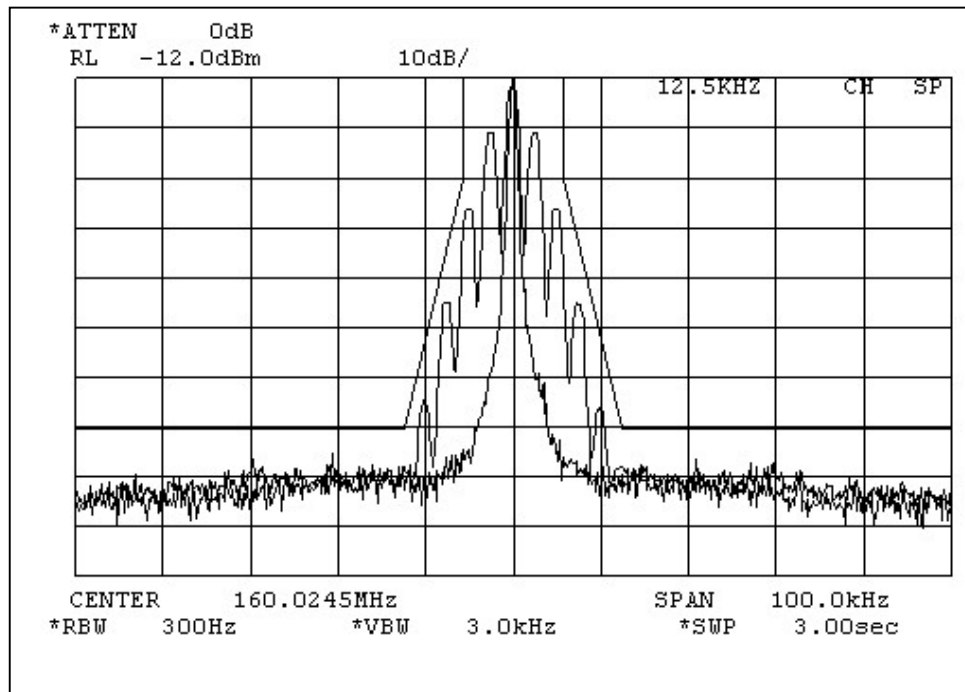


Figure 6D-6: 25 KHz Channel Spacing, Digital Private Line (DPL) Mode

EXHIBIT 6E- Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(g) and 90.691**Figure 6E-1: 12.5 KHz Channel Spacing, 2500 Hz Audio Modulation Only****Figure 6E-2: 12.5 KHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation**

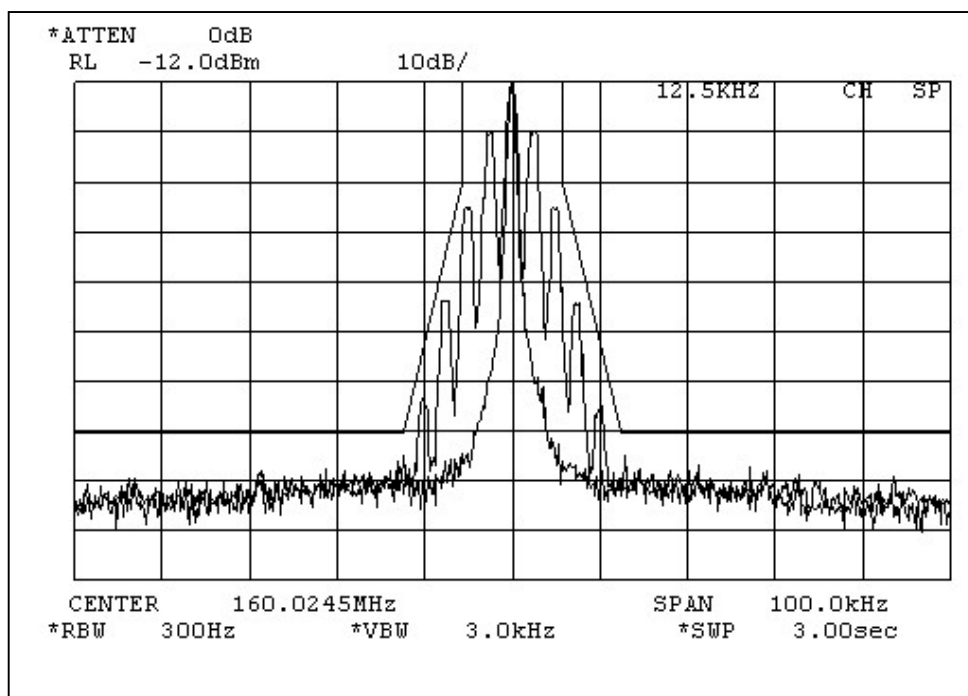


Figure 6E-3: 12.5 KHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation

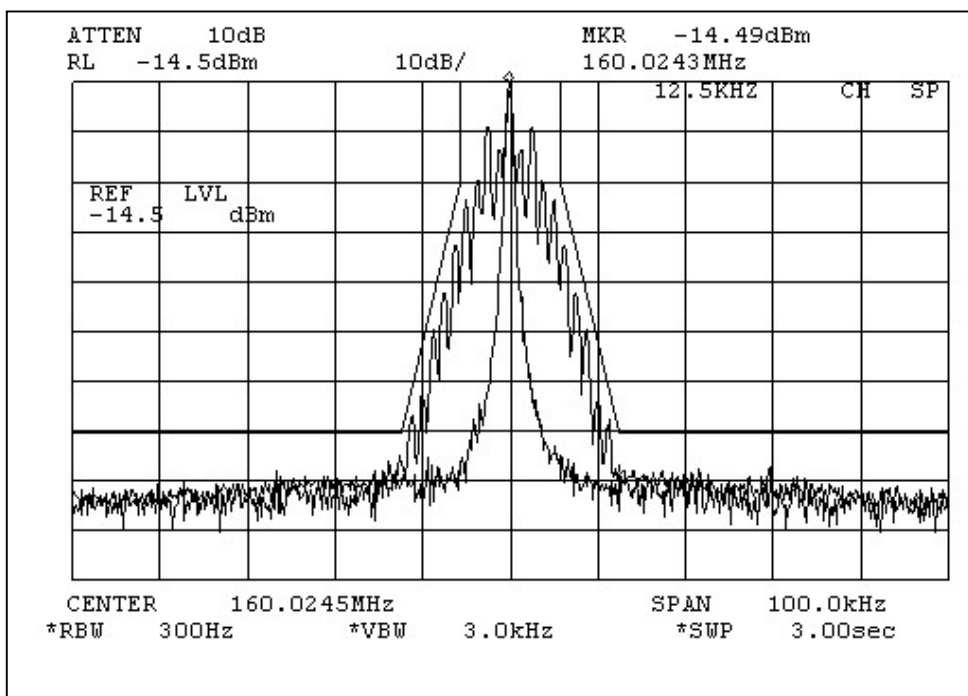


Figure 6E-4: 12.5 KHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only

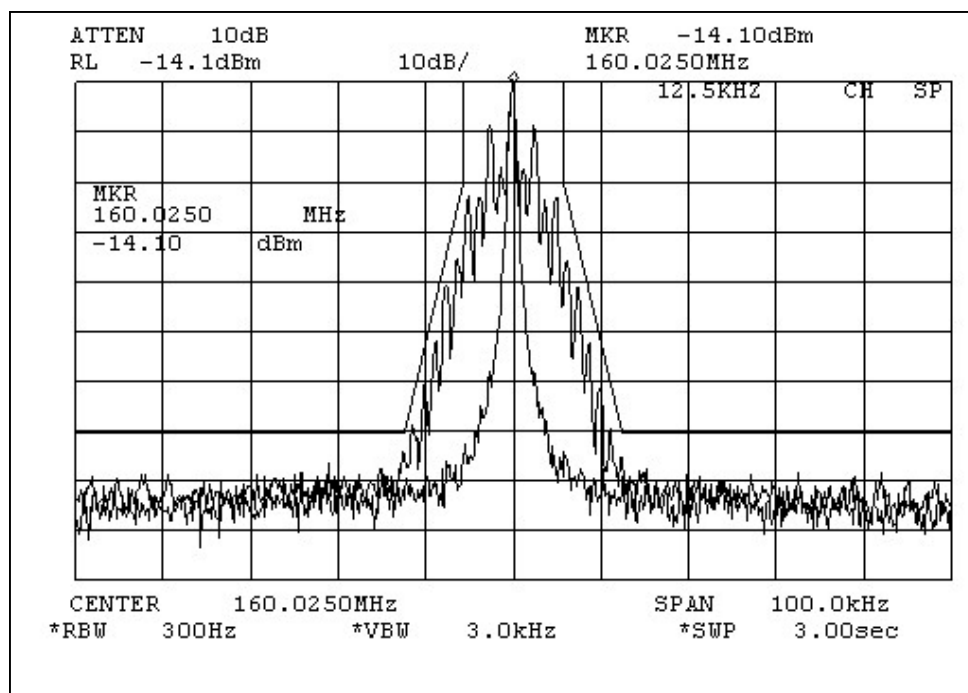


Figure 6E-5: 12.5 KHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation

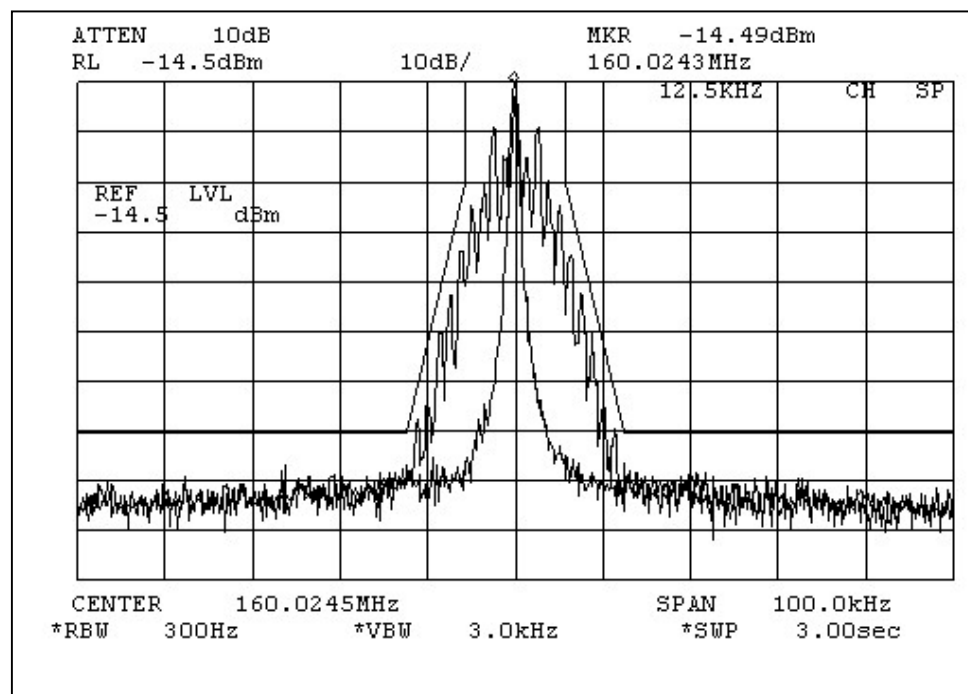


Figure 6E-6: 12.5 KHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation

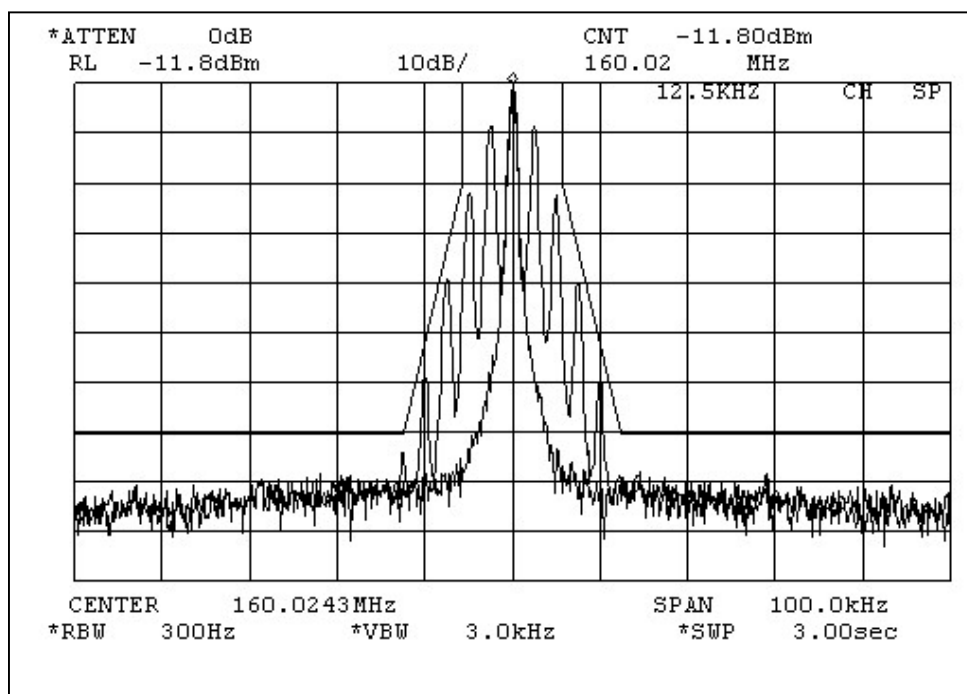


Figure 6E-7: 25 KHz Channel Spacing, 2500 Hz Audio Modulation Only

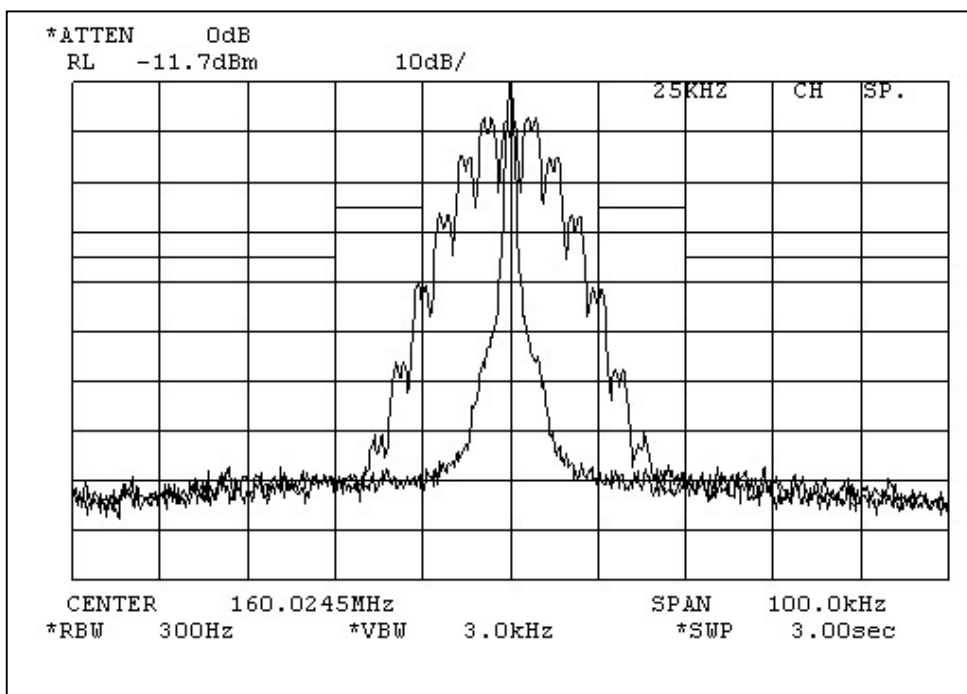


Figure 6E-8: 25 KHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation

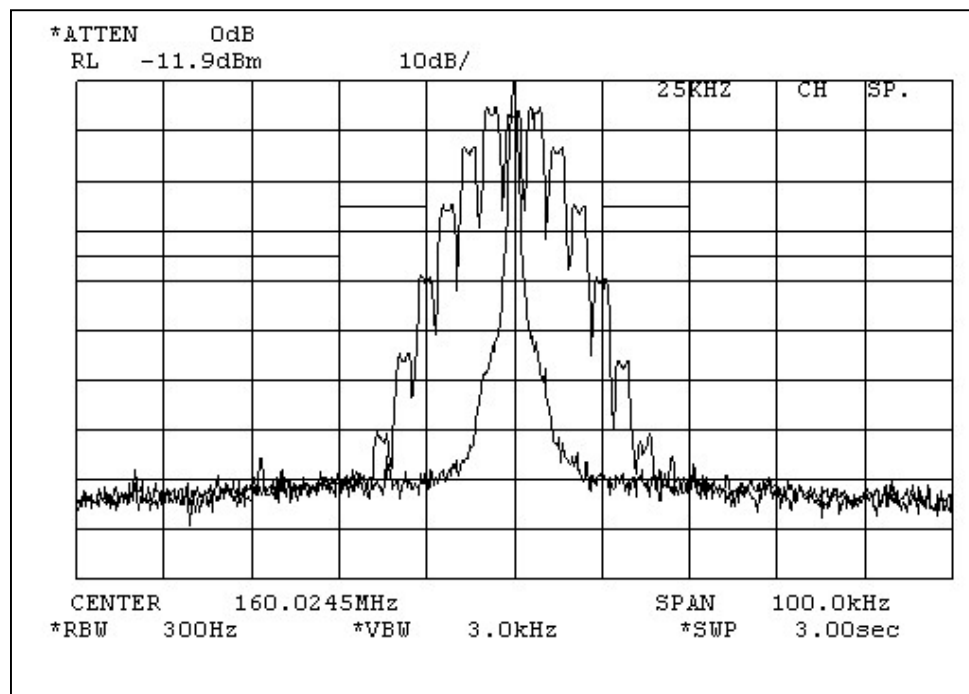


Figure 6E-9: 25 KHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation

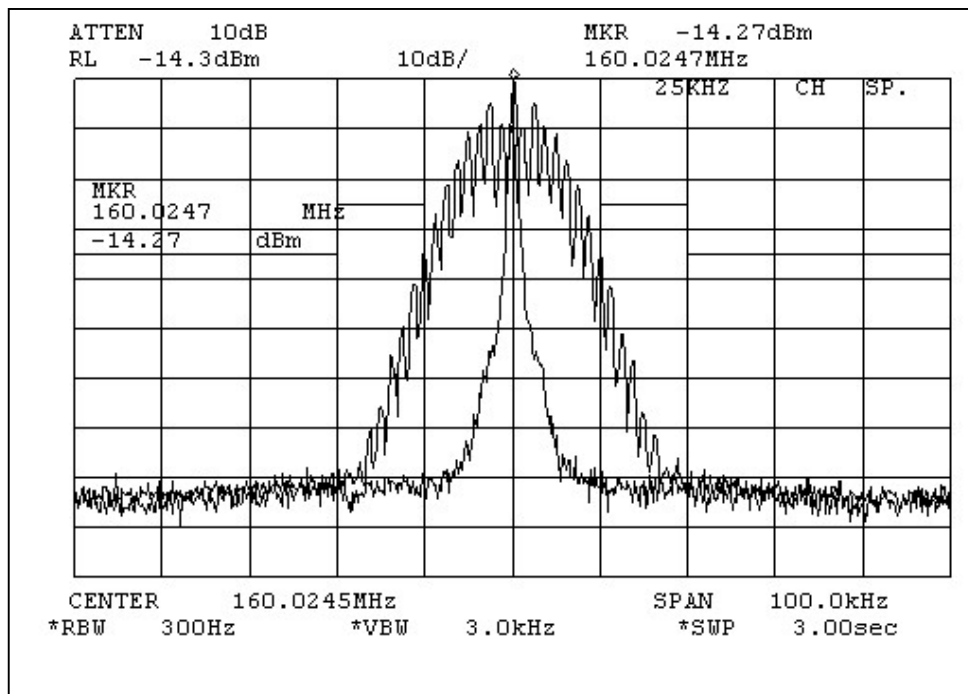


Figure 6E-10: 25 KHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only

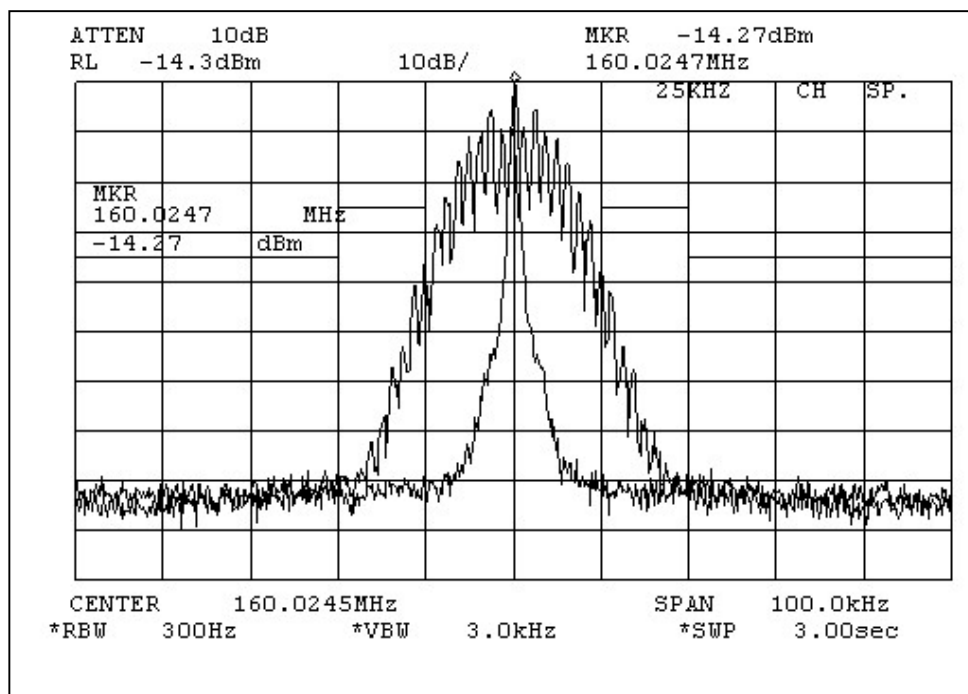


Figure 6E-11: 25 KHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation

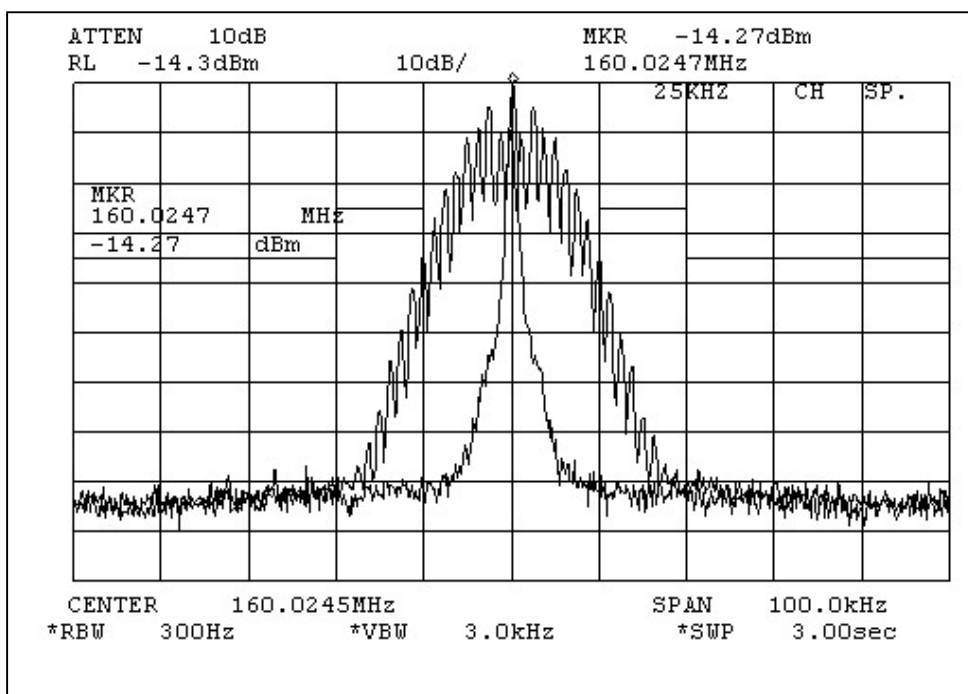


Figure 6E-12: 25 KHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation

EXHIBIT 6F – Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)
Note: Red line on graphs correspond to the FCC limit of -13dBm.

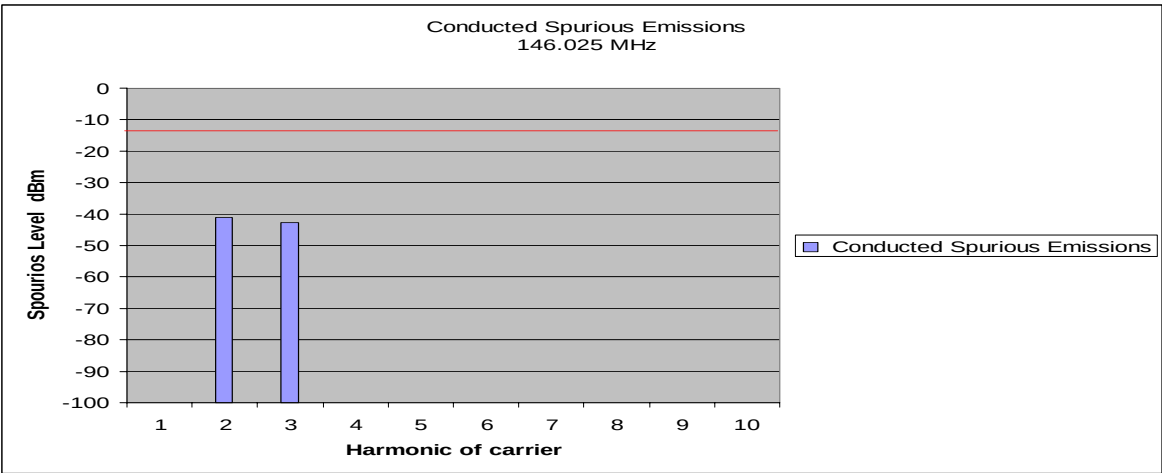


Figure 6F-1: 28 Watts, 146.025 MHz

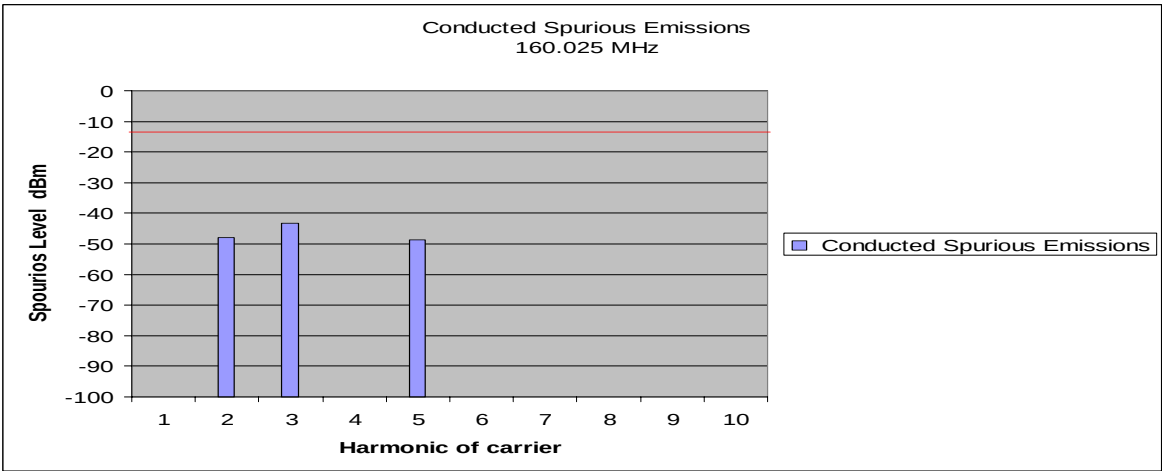


Figure 6F-2: 28 Watts, 160.025 MHz

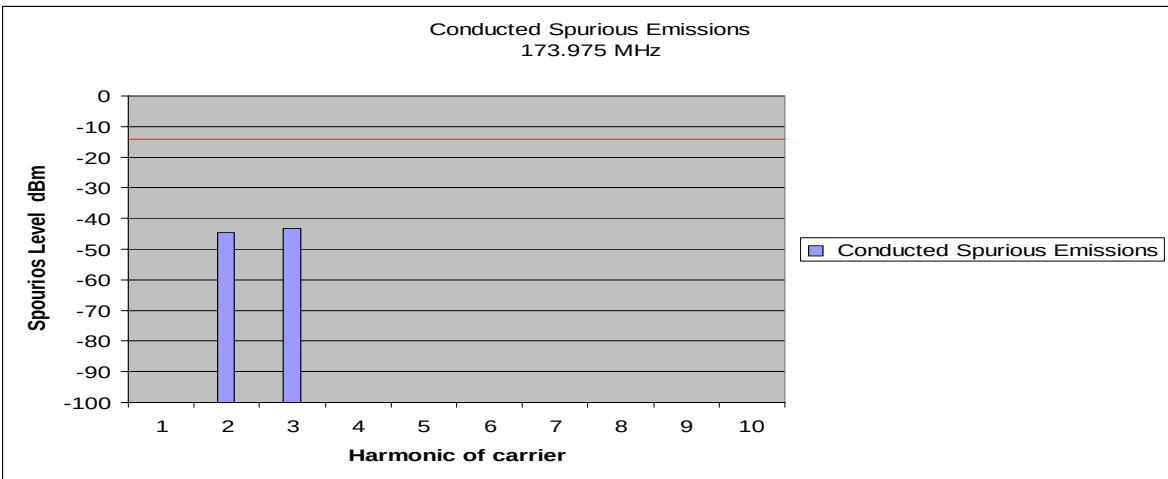


Figure 6F-3: 28 Watts, 173.975 MHz

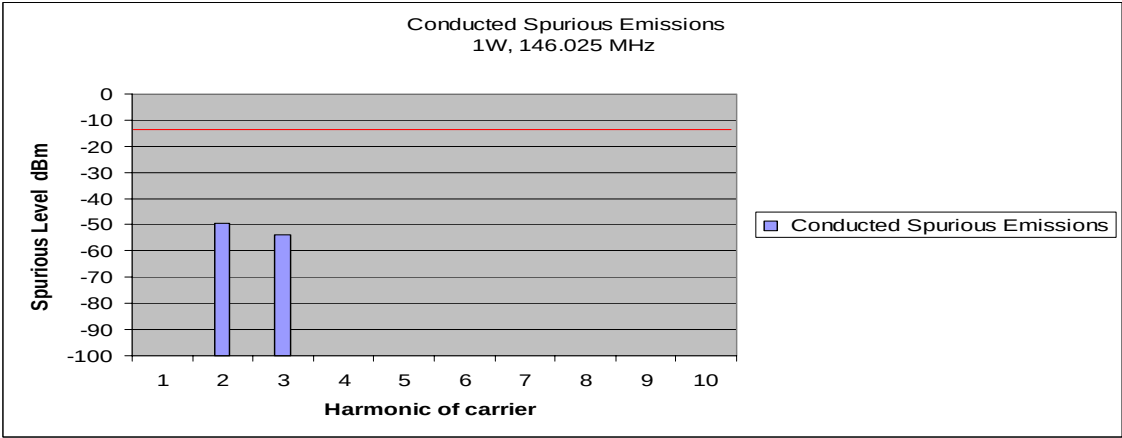


Figure 6F-4: 1 Watt, 146.025 MHz

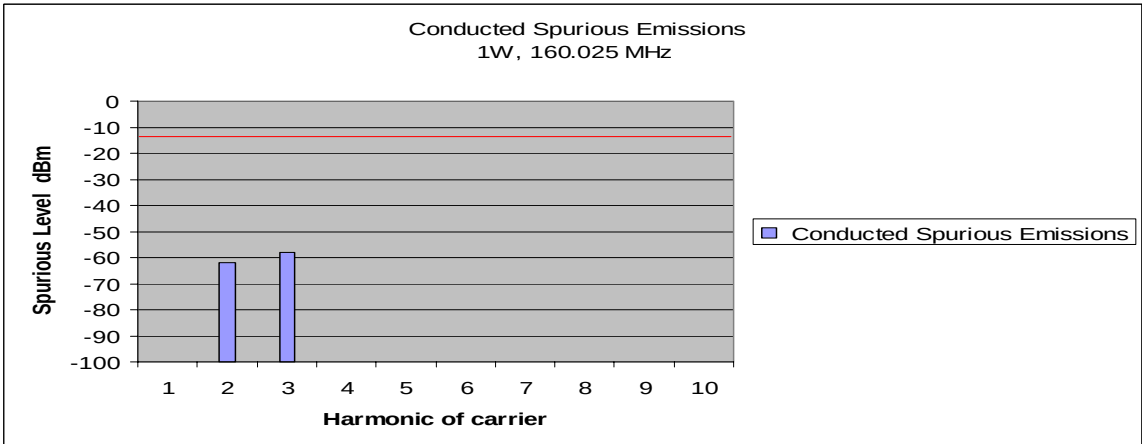


Figure 6F-5: 1 Watt, 160.025 MHz

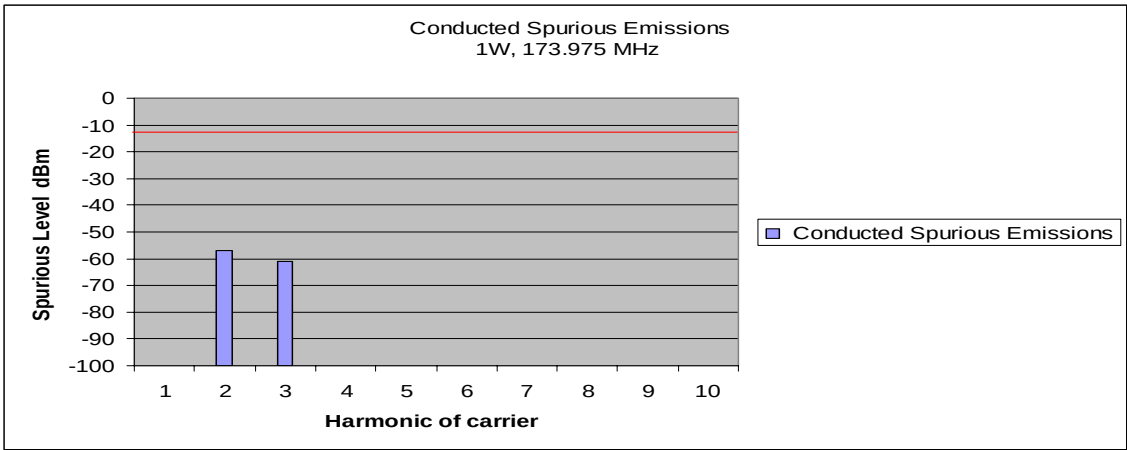


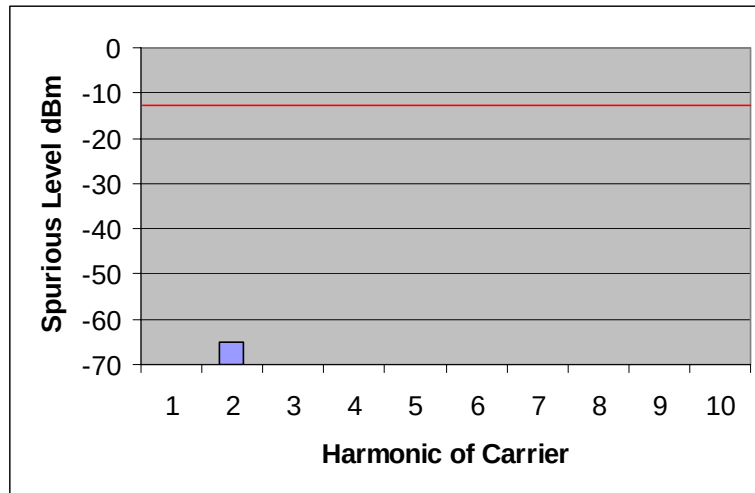
Figure 6F-6: 1 Watt, 173.975 MHz

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

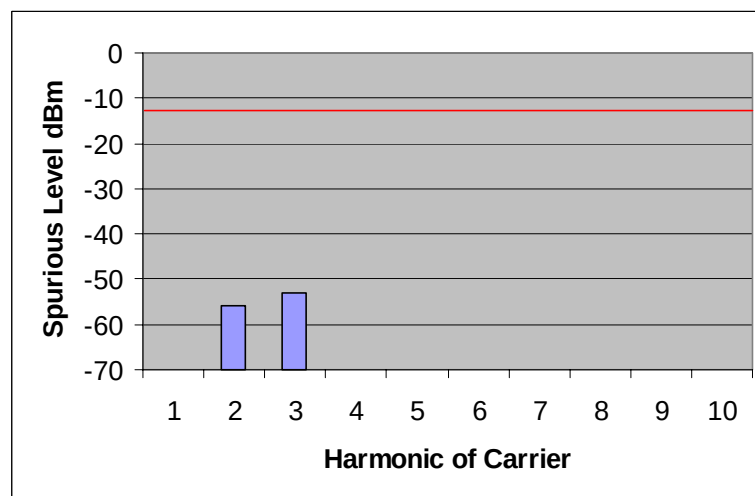
- Notes: 1) The results shown are the worst case results for the given frequency. Measurements were made to the 10th harmonic, antenna polarization horizontal and vertical.
- 2) The margin[dB] is the amount in dB below the FCC specification limit of -13dBm(red line on graph)

Carrier Frequency 146 MHz, High Power (28 Watts)

Frequency [MHz]	Antenna Polarization	Radiated Emission [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
291.997650	Horizontal	39.49	82.3	42.8

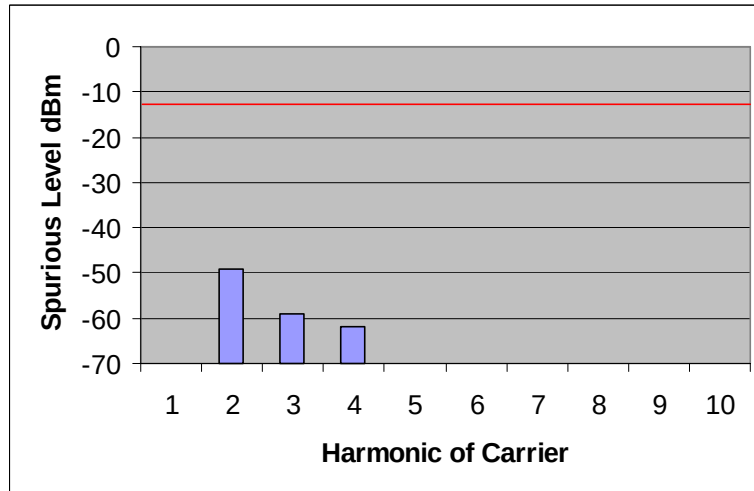
**Figure 6G-1: 28 Watts, 146 MHz****Carrier Frequency 160 MHz, High Power (28 Watts)**

Frequency [MHz]	Antenna Polarization	Radiated Emission [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
320.000000	Horizontal	39.13	82.3	43.17
479.993750	Horizontal	42.18	82.3	40.12

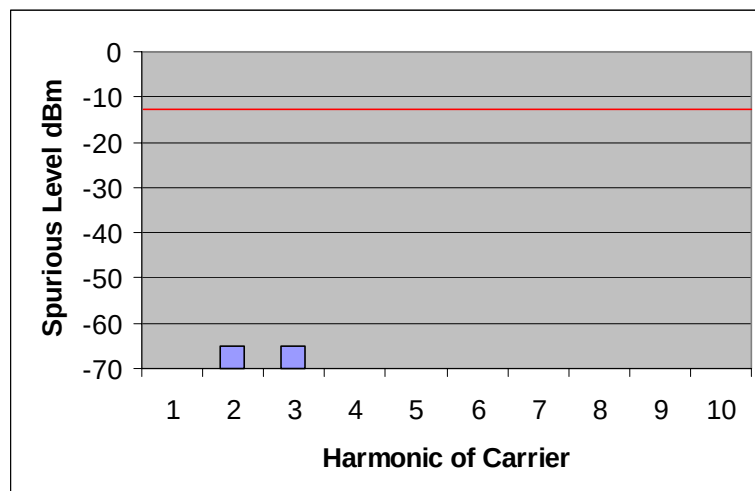
**Figure 6G-2: 28 Watts, 160 MHz**

Carrier Frequency 174 MHz, High Power (28 Watts)

Frequency [MHz]	Antenna Polarization	Radiated Emission [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
348.001000	Horizontal	46.22	82.3	36.08
521.995000	Horizontal	36.48	82.3	45.82
696.000000	Horizontal	33.75	82.3	48.55

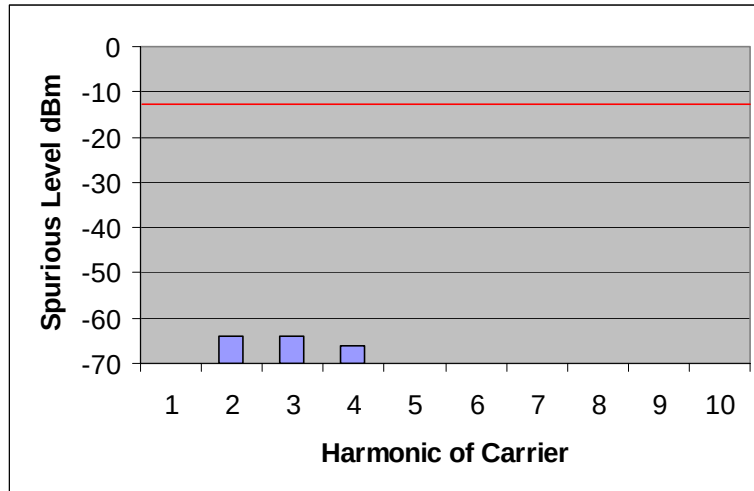
**Figure 6G-3: 28 Watts, 174 MHz****Carrier Frequency 146 MHz, Low Power (1 Watt)**

Frequency [MHz]	Antenna Polarization	Radiated Emission [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
291.995547	Horizontal	30.41	82.23	51.82
438.002197	Horizontal	30.18	82.23	52.05

**Figure 6G-4: 1 Watt, 146 MHz**

Carrier Frequency 160 MHz, Low Power (1 Watt)

Frequency [MHz]	Antenna Polarization	Radiated Emission [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
319.998750	Horizontal	31.22	82.23	51.01
479.998750	Horizontal	31.47	82.23	50.76
639.997125	Horizontal	28.90	82.23	53.33

**Figure 6G-5: 1 Watt, 160 MHz****Carrier Frequency 174 MHz, Low Power (1 Watt)**

Frequency [MHz]	Antenna Polarization	Radiated Emission [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
348.000000	Horizontal	33.79	82.23	48.44
521.998125	Horizontal	26.91	82.23	55.32
695.997125	Horizontal	28.69	82.23	53.54

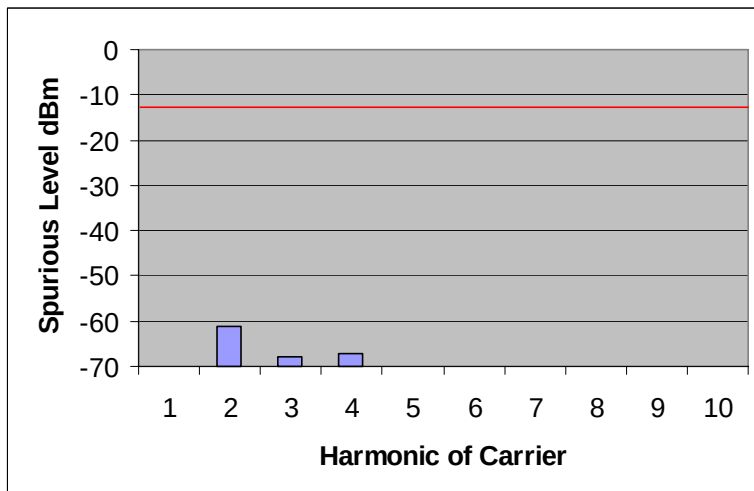
**Figure 6G-6: 1 Watt, 174 MHz**

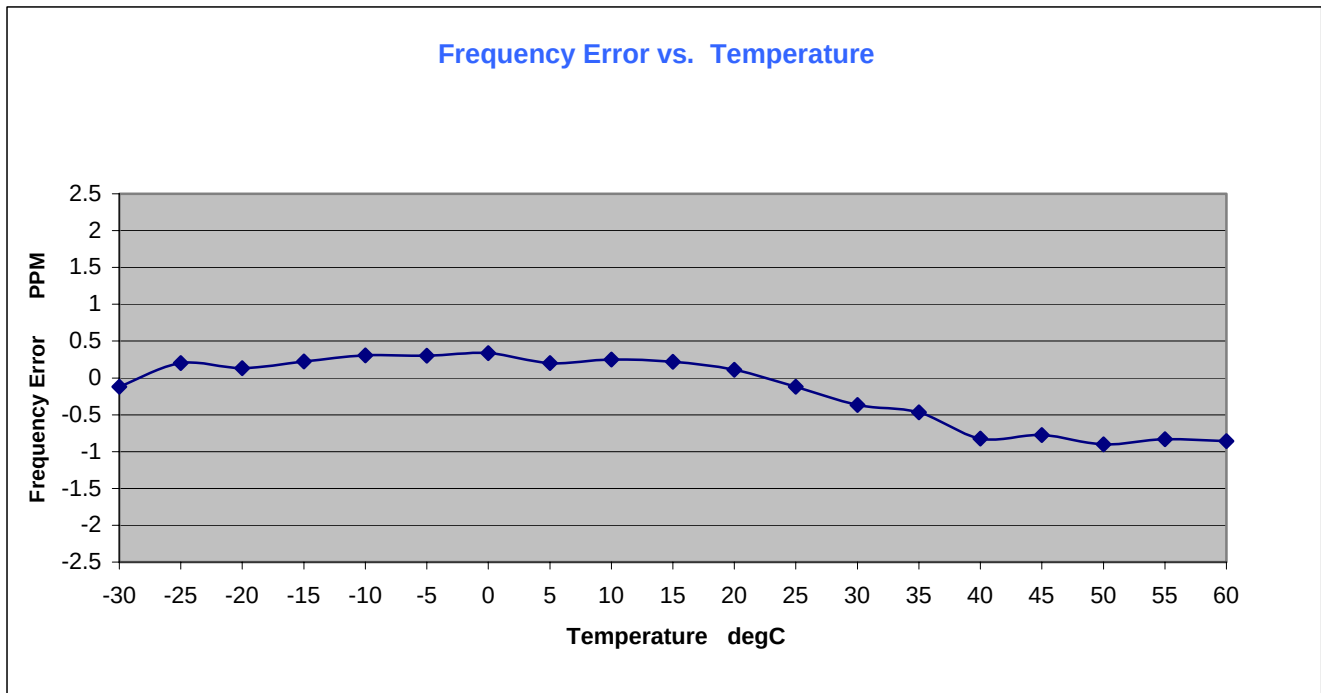
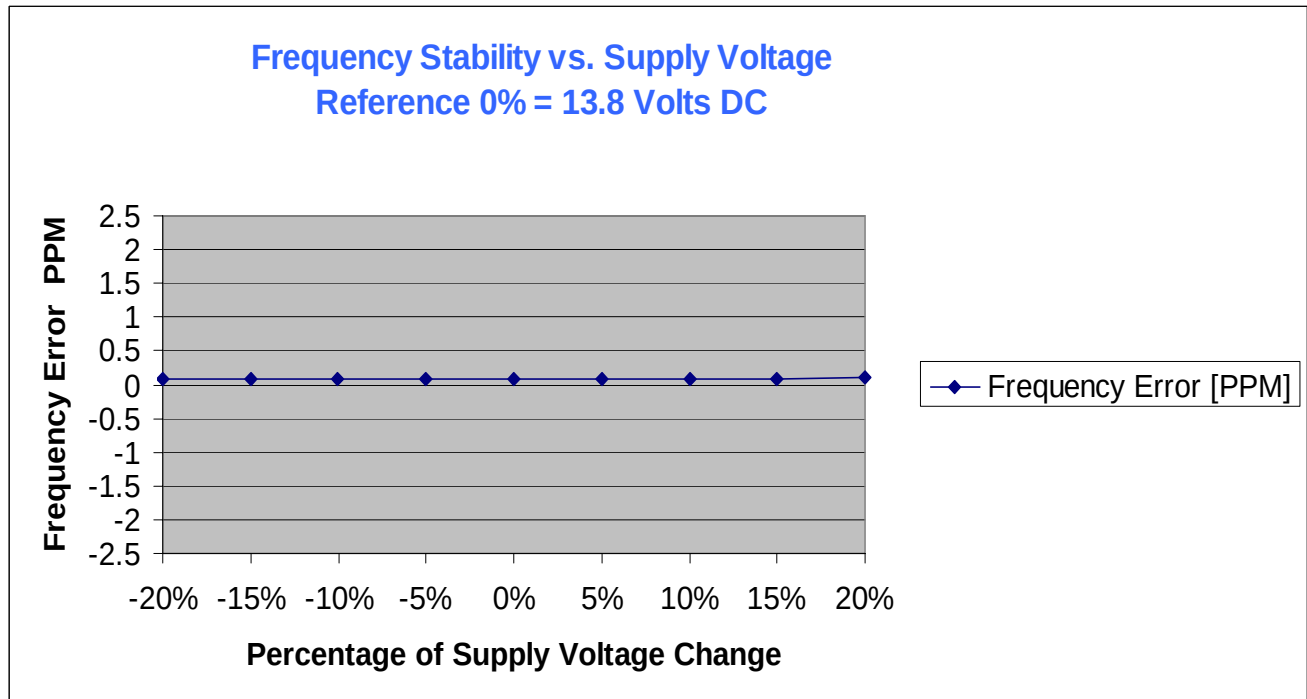
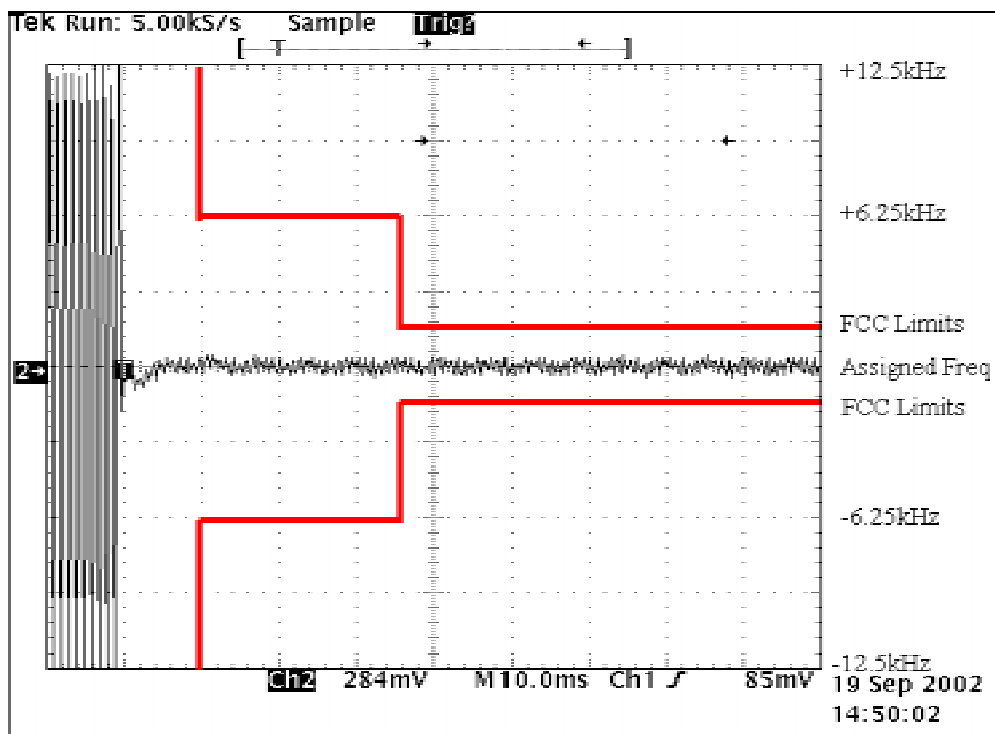
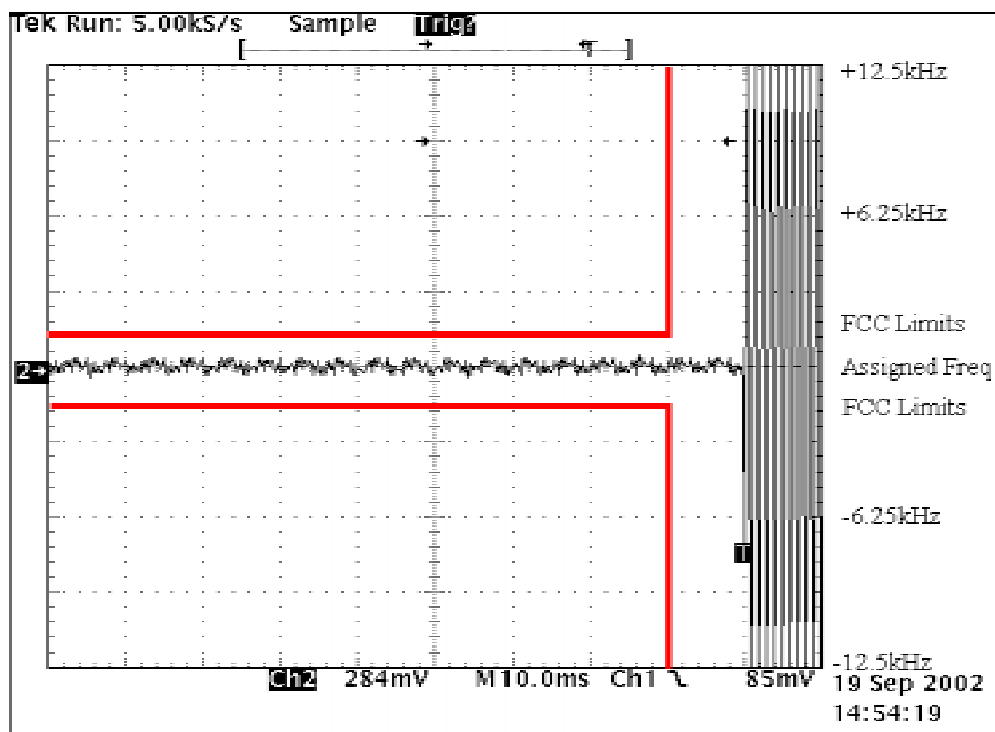
EXHIBIT 6H – Frequency Stability - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)**Figure 6H-1: Frequency Stability vs. Temperature****Figure 6H-2: Frequency Stability vs. Supply Voltage**

EXHIBIT 6I – Transient Frequency Behavior

Note: Measurement made at 160.025 MHz

**Figure 6I-1: 28 Watts, 12.5 KHz Key-Up Attack Time****Figure 6I-2: 28 Watts, 12.5 KHz De-Key Decay Time**

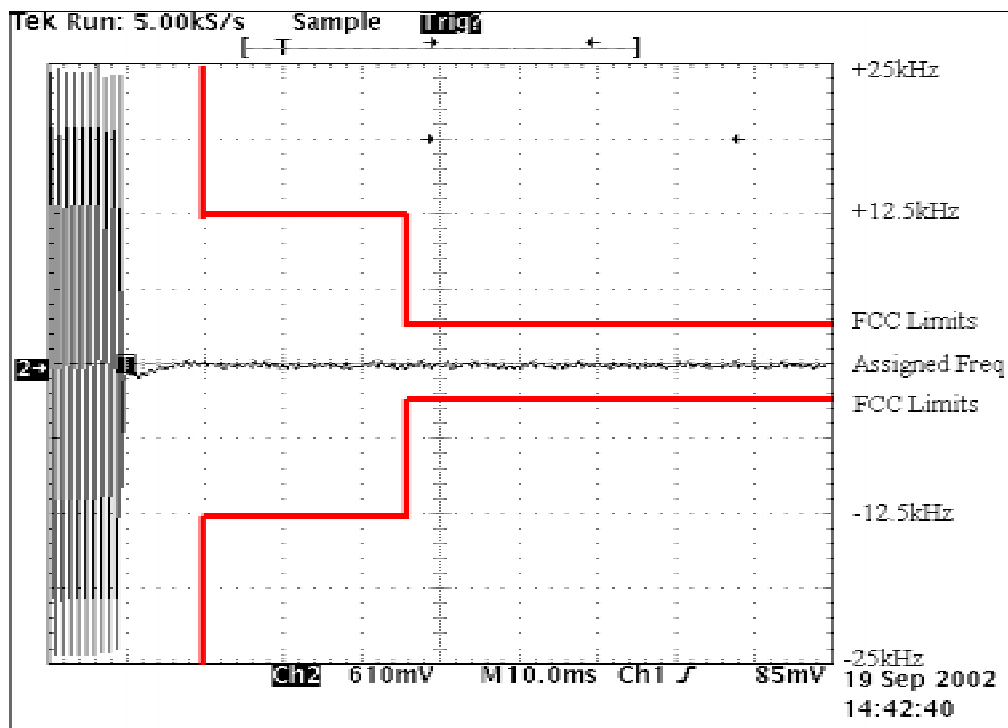


Figure 6I-3: 28 Watts, 25 KHz Key-Up Attack Time

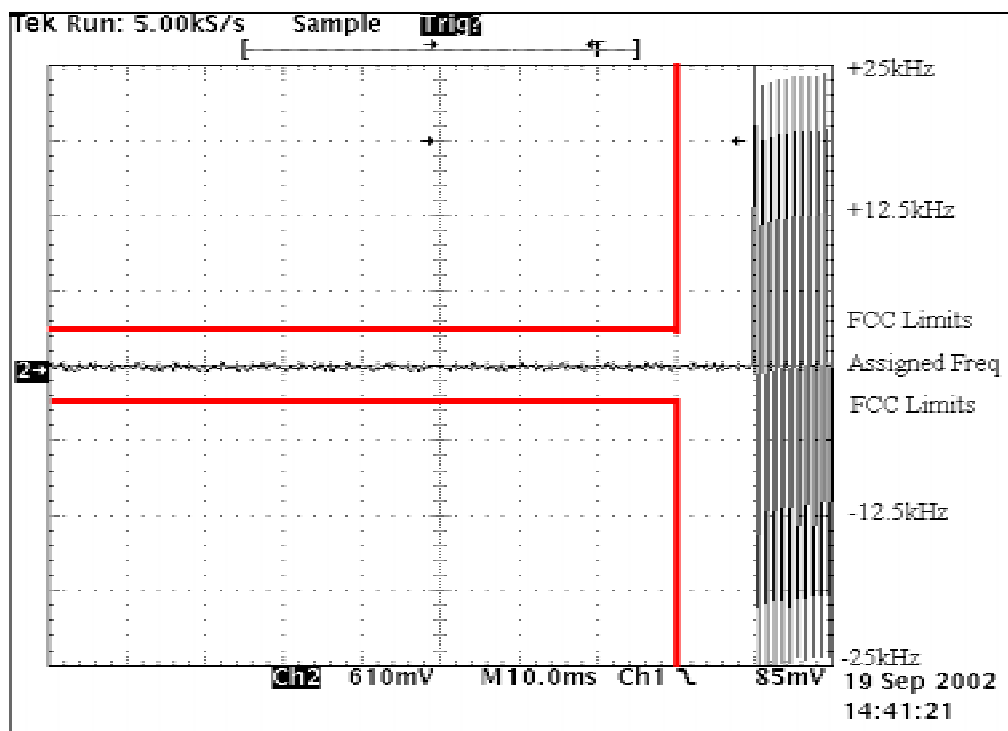


Figure 6I-4: 28 Watts, 25 KHz De-Key Decay Time

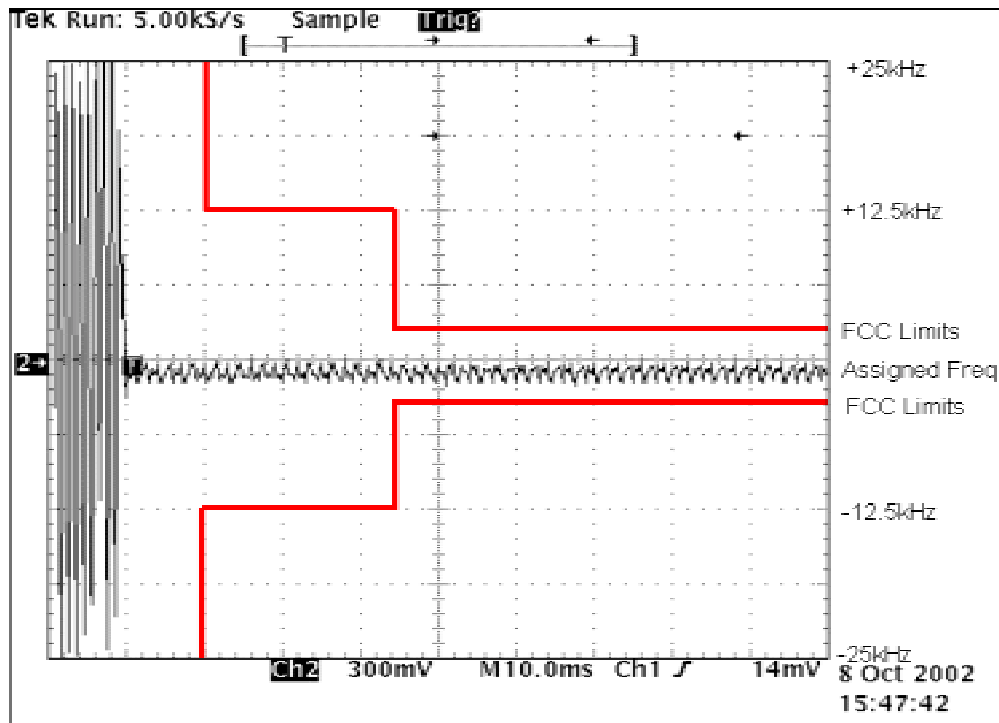


Figure 6I-5: 1 Watt, 12.5 KHz Key-Up Attack Time

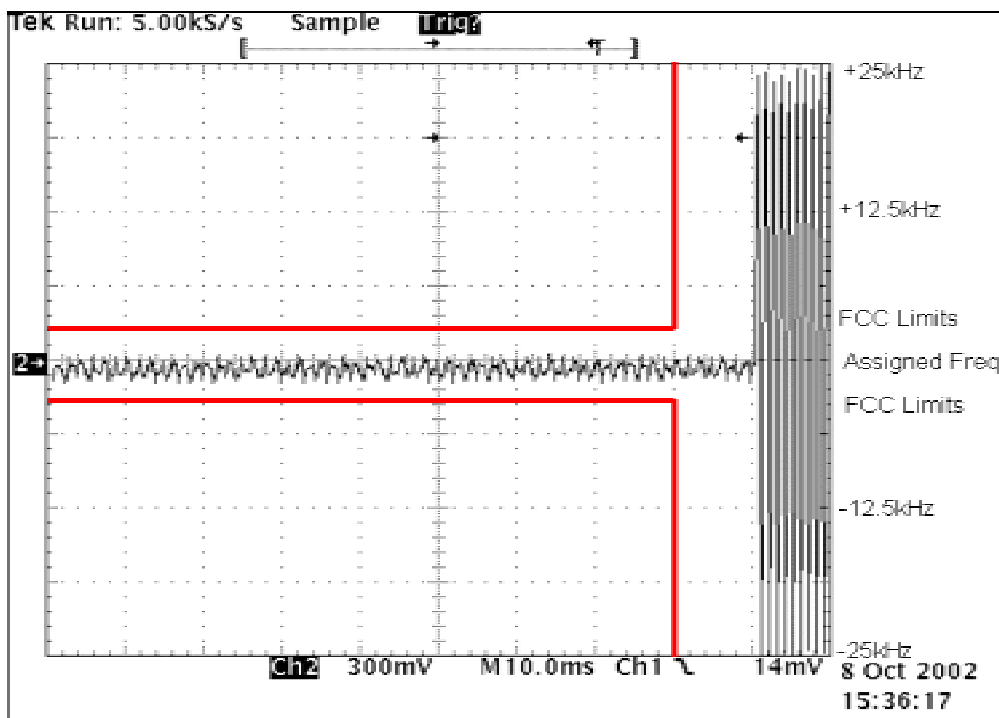


Figure 6I-6: 1 Watt, 12.5 KHz De-Key Decay Time

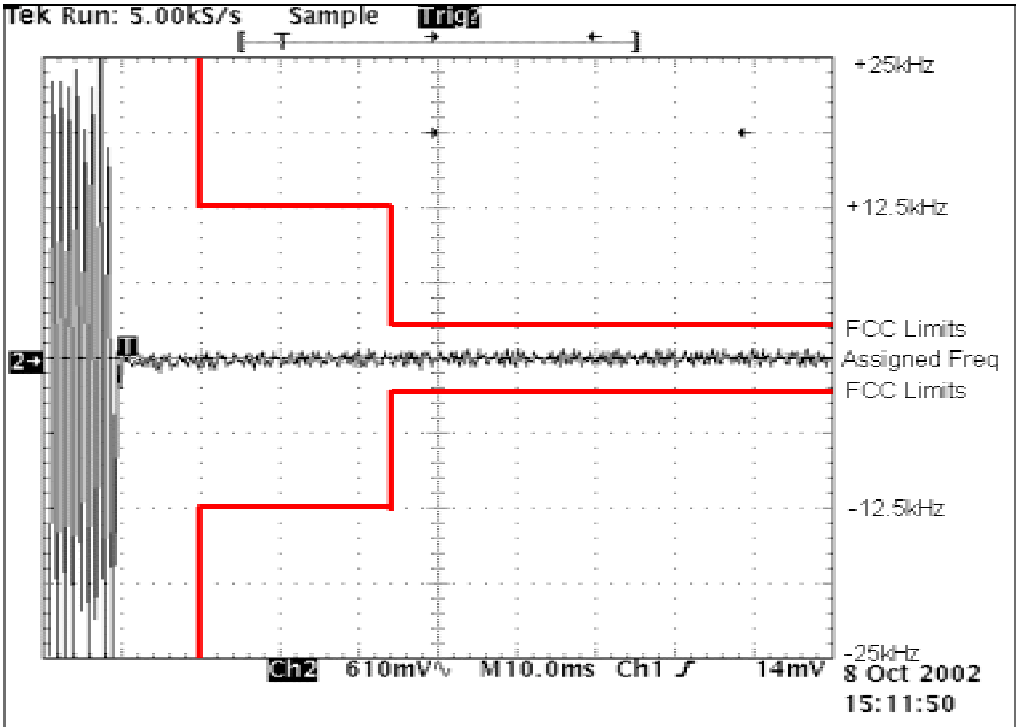


Figure 6I-7: 1 Watt, 25 KHz Key-Up Attack Time

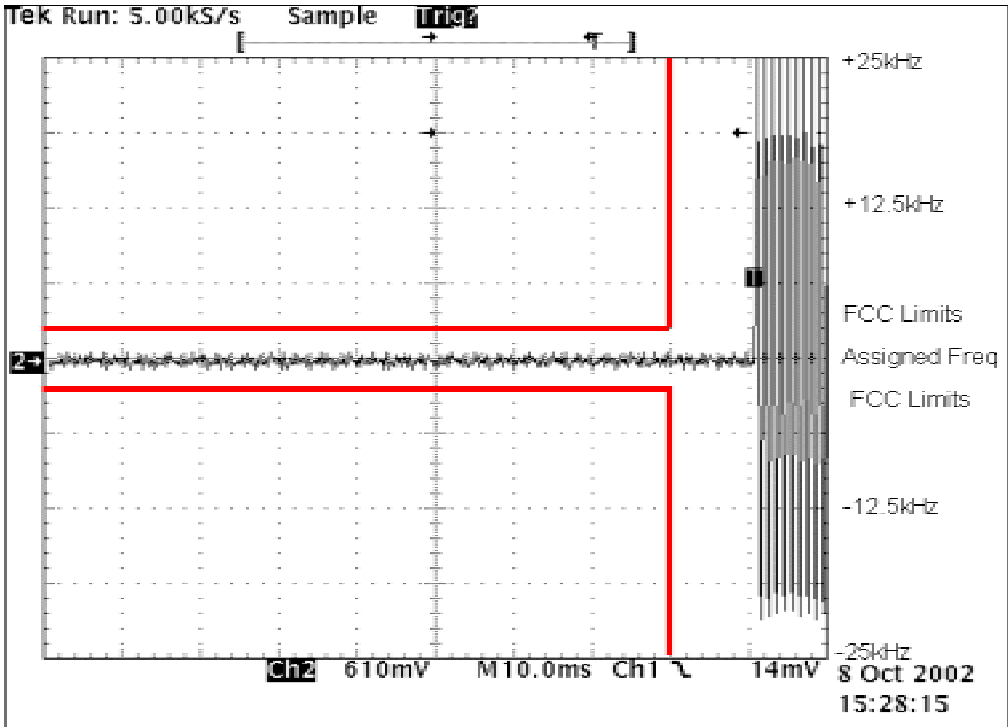


Figure 6I-8: 1 Watt, 25 KHz De-Key Decay Time