

EXHIBIT 6

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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)

At maximum output power setting, Frequency 136.275MHz:

Output RF power	2.79 Watts
DC Voltage	7.50 Volts
DC Current	1.09 Amps
DC Input Power	8.18 Watts

At minimum output power setting, Frequency 136.275 MHz:

Output RF power	1.61 Watts
DC Voltage	7.50 Volts
DC Current	0.89 Amps
DC Input Power	6.68 Watts

At maximum output power setting, Frequency 156.675 MHz:

Output RF power	2.80 Watts
DC Voltage	7.50 Volts
DC Current	1.00 Amps
DC Input Power	7.50 Watts

At minimum output power setting, Frequency 156.675 MHz:

Output RF power	1.61 Watts
DC Voltage	7.50 Volts
DC Current	0.89 Amps
DC Input Power	6.68 Watts

At maximum output power setting, Frequency 173.955 MHz:

Output RF power	2.80 Watts
DC Voltage	7.50 Volts
DC Current	1.03 Amps
DC Input Power	7.73 Watts

At minimum output power setting, Frequency 173.955MHz:

Output RF power	1.61 Watts
DC Voltage	7.50 Volts
DC Current	0.89 Amps
DC Input Power	6.68 Watts

EXHIBIT 6B

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

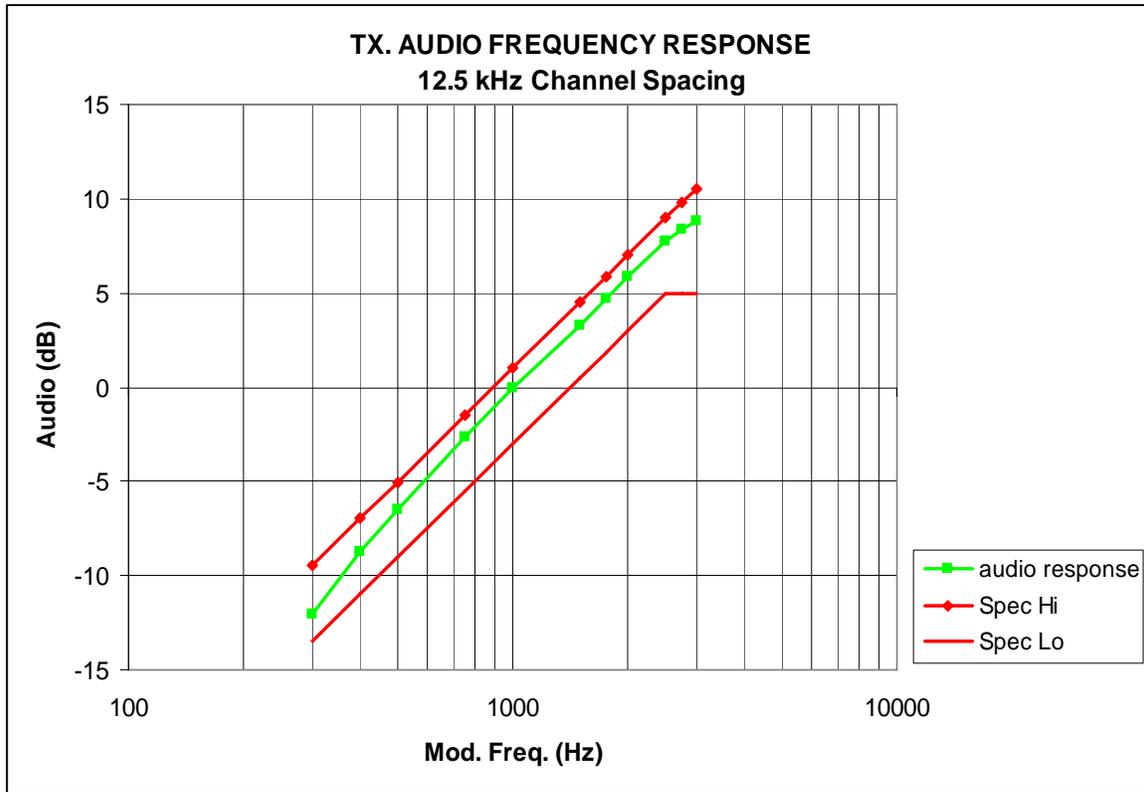


Figure 6B-1: 12.5 kHz Channel Spacing, 156.675 MHz, Transmit Audio Frequency Response

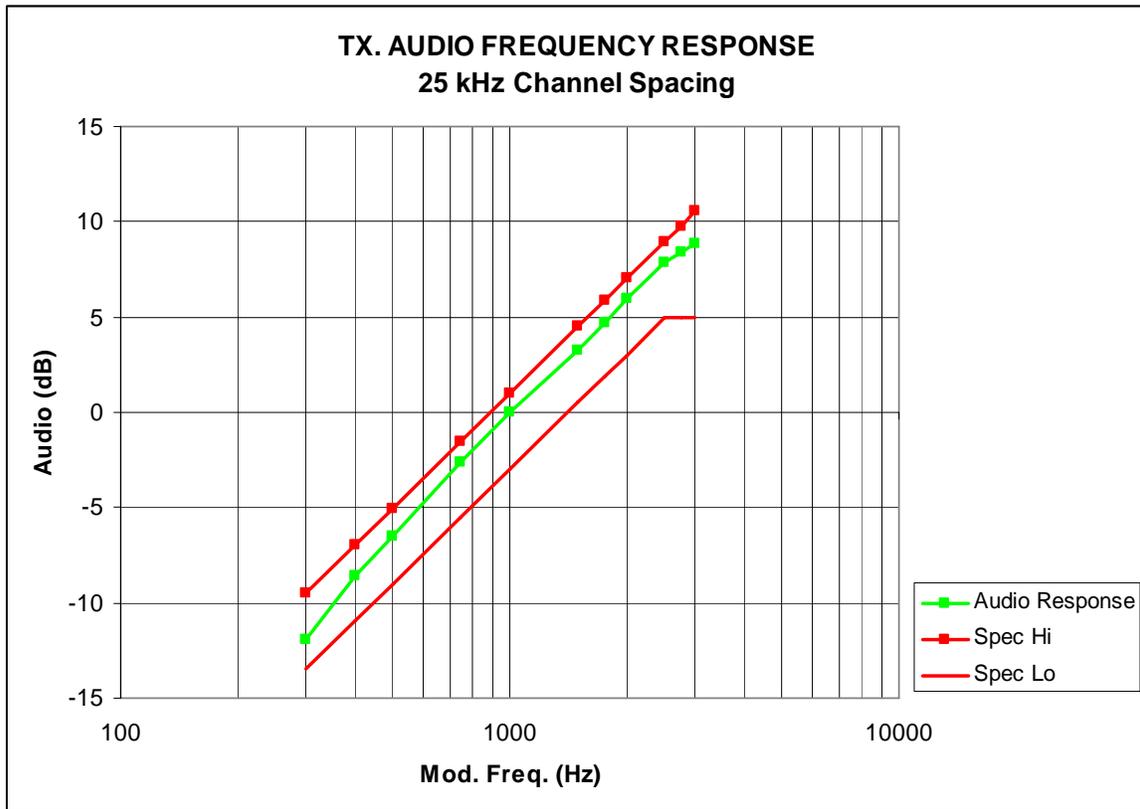


Figure 6B-2: 25 kHz Channel Spacing, 156.675 MHz, Transmit Audio Frequency Response

EXHIBIT 6C

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

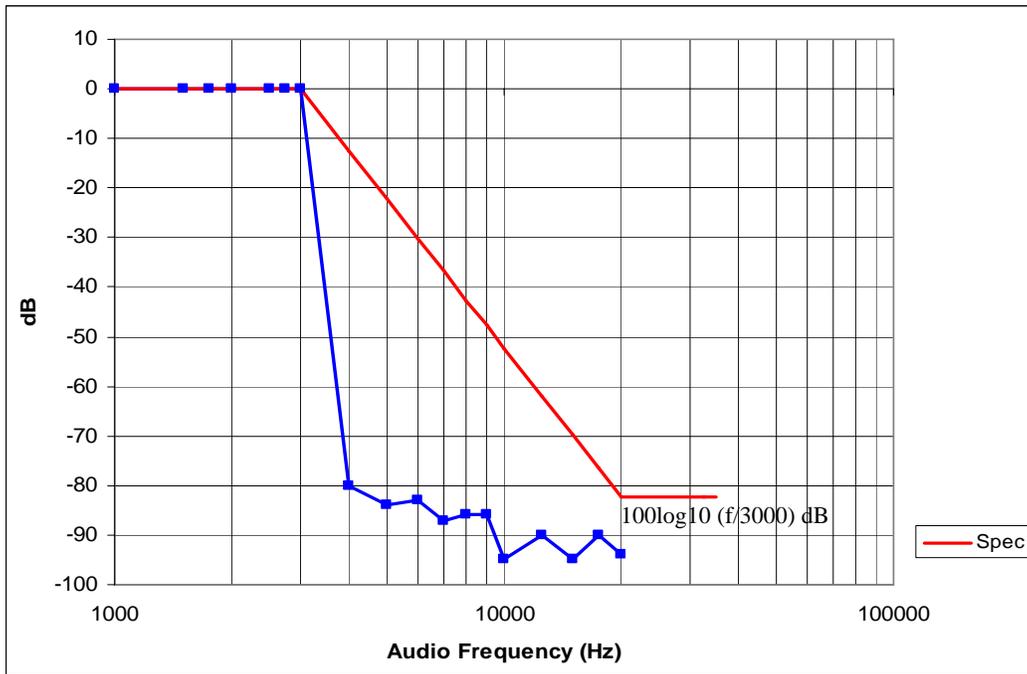


Figure 6C-1: 12.5 kHz Channel Spacing, 156.675 MHz, Transmit Audio Low Pass Filter Response

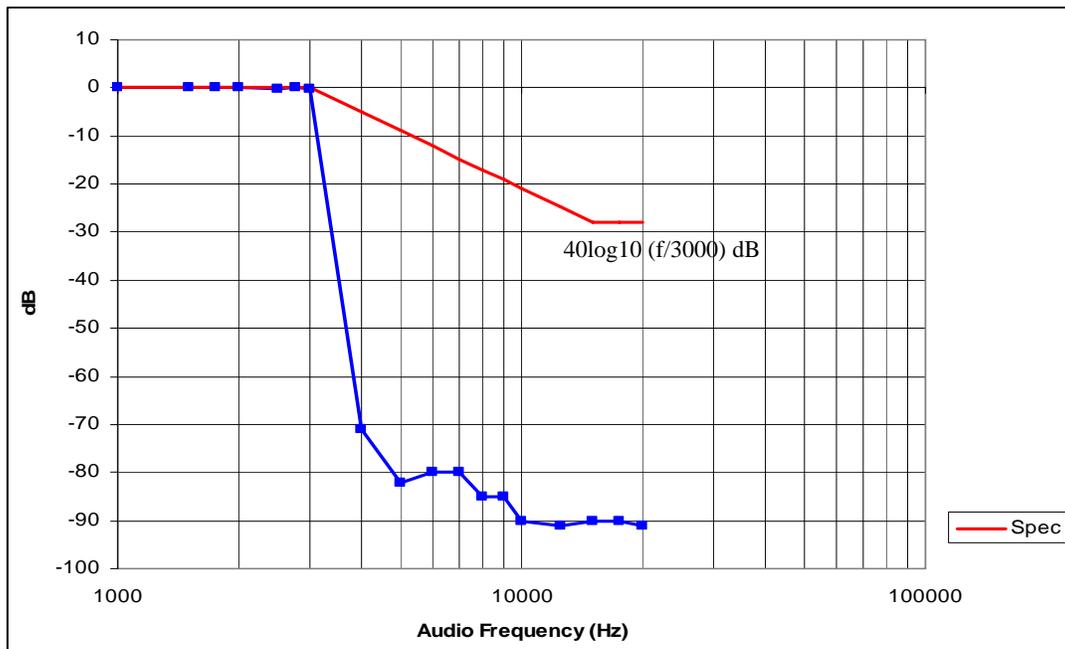


Figure 6C-2: 25 kHz Channel Spacing, 156.675 MHz, Transmit Audio Low Pass Filter Response

EXHIBIT 6D

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

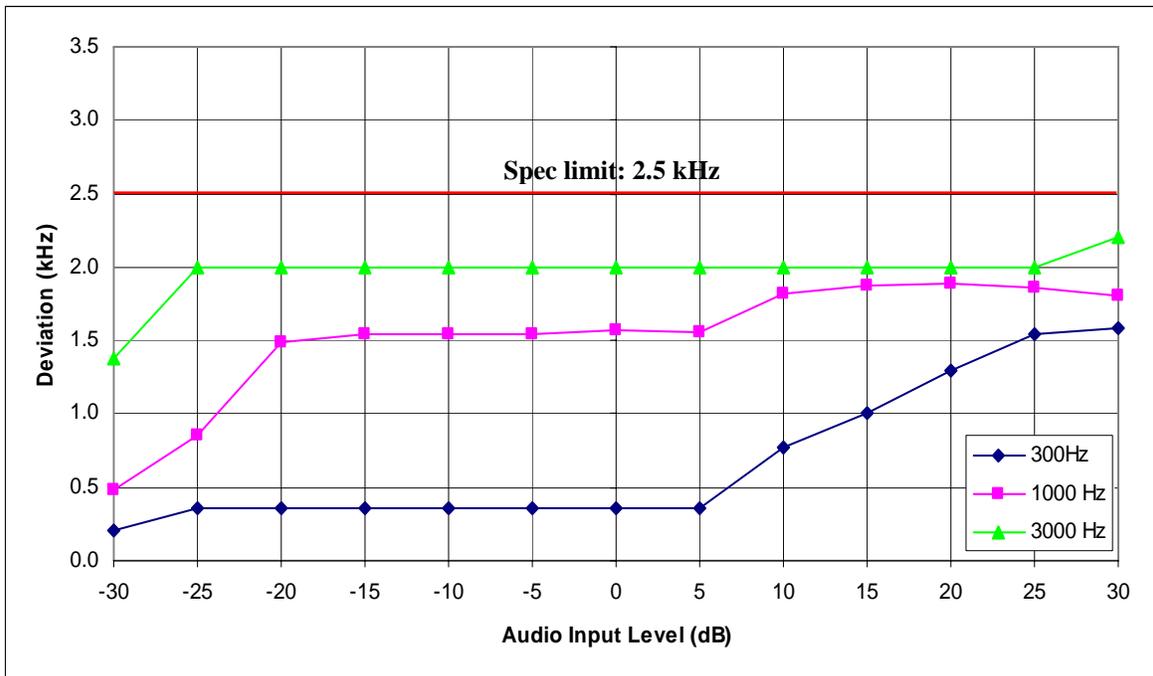


Figure 6D-1: 12.5 kHz Channel Spacing, 156.675 MHz, Carrier Squelch (CSQ) Mode

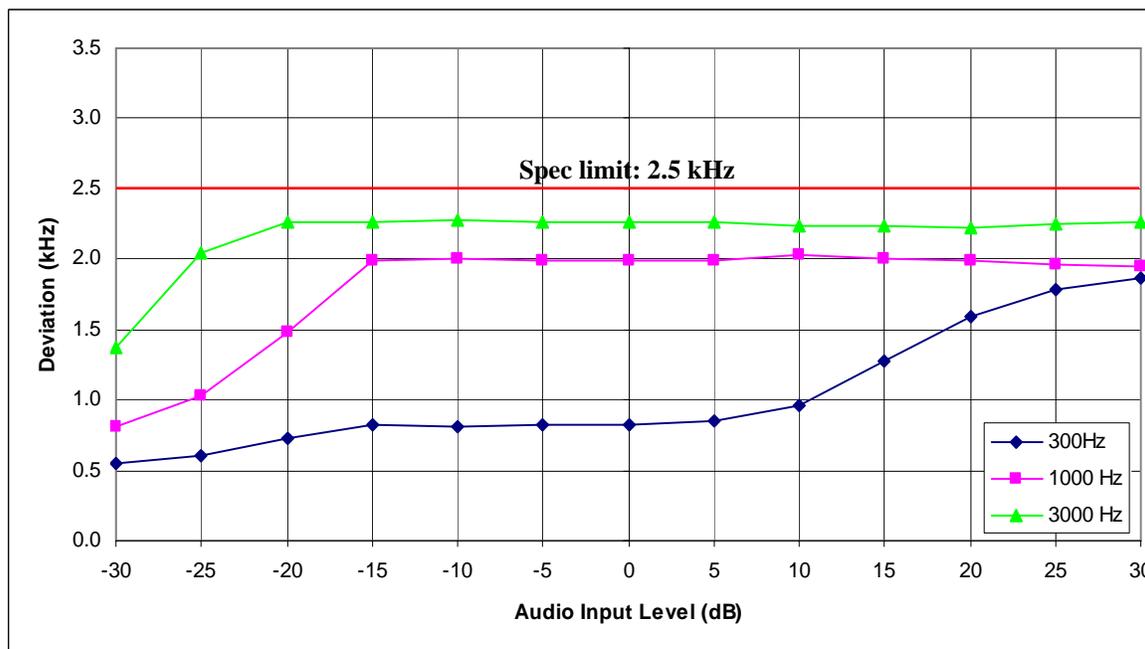


Figure 6D-2: 12.5 kHz Channel Spacing, 156.675 MHz, Tone Private Line (TPL) Mode

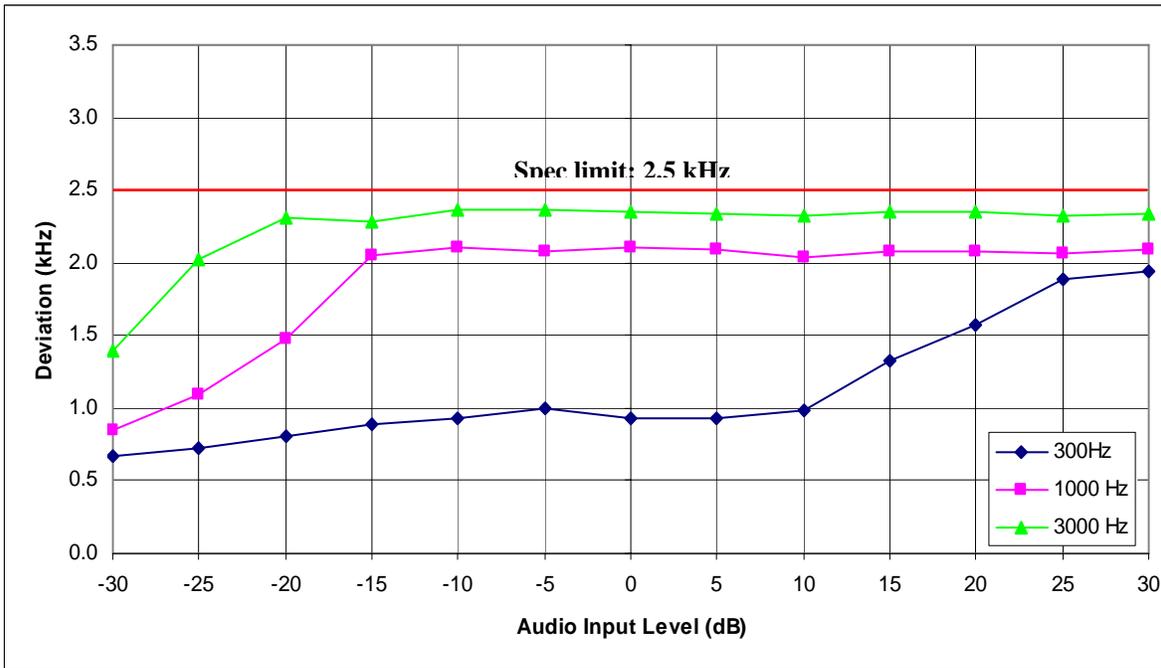


Figure 6D-3: 12.5 kHz Channel Spacing, 156.675 MHz, Digital Private Line (DPL) Mode

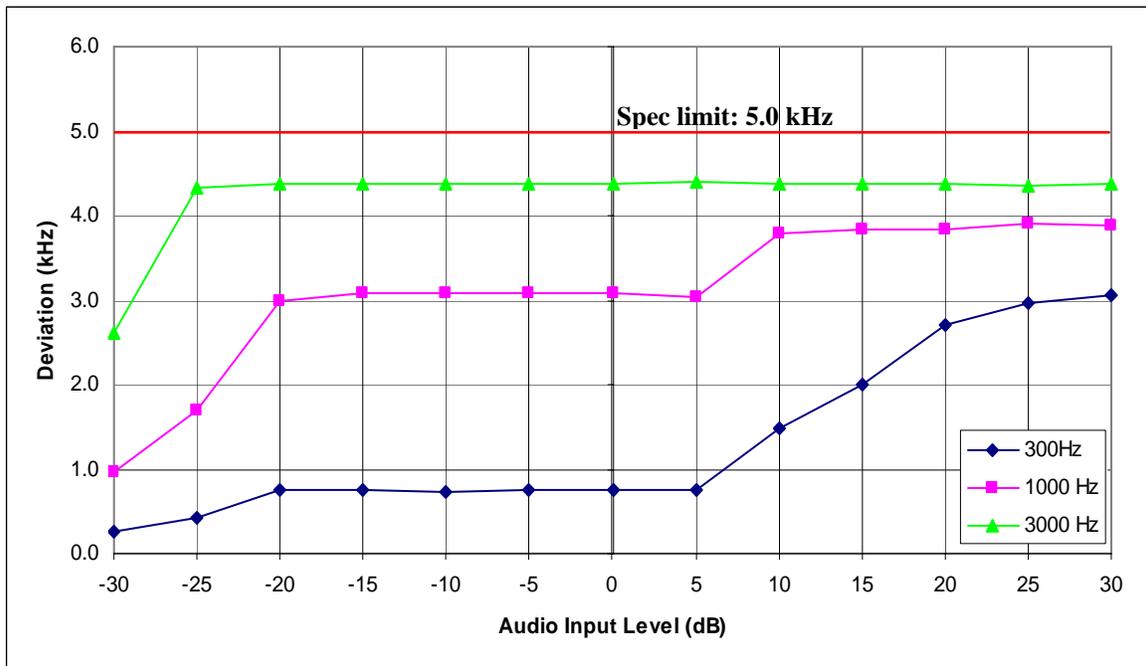


Figure 6D-4: 25 kHz Channel Spacing, 156.675 MHz, Carrier Squelch (CSQ) Mode

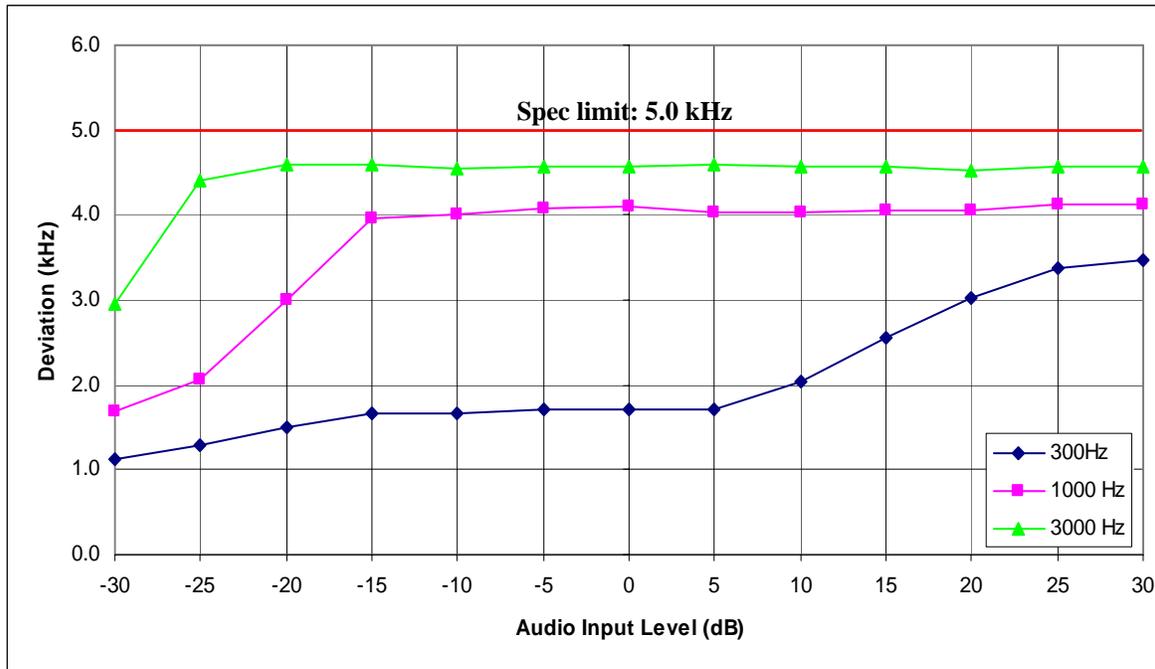


Figure 6D-5: 25 kHz Channel Spacing, 156.675 MHz, Tone Private Line (TPL) Mode

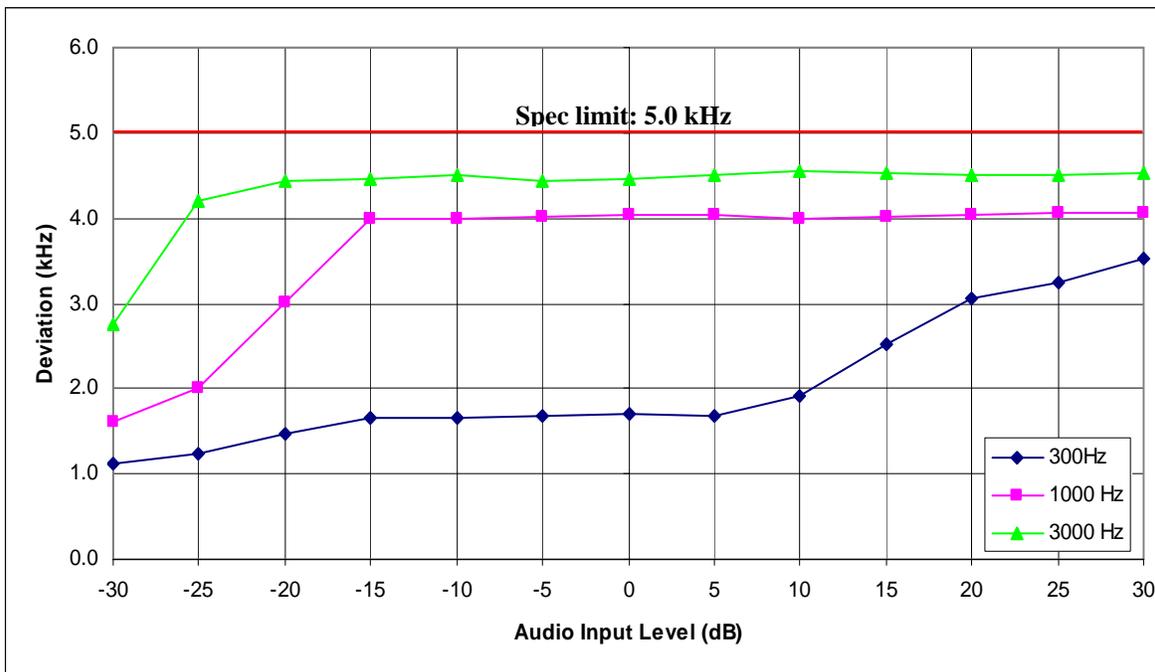


Figure 6D-6: 25 kHz Channel Spacing, 156.675 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E

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

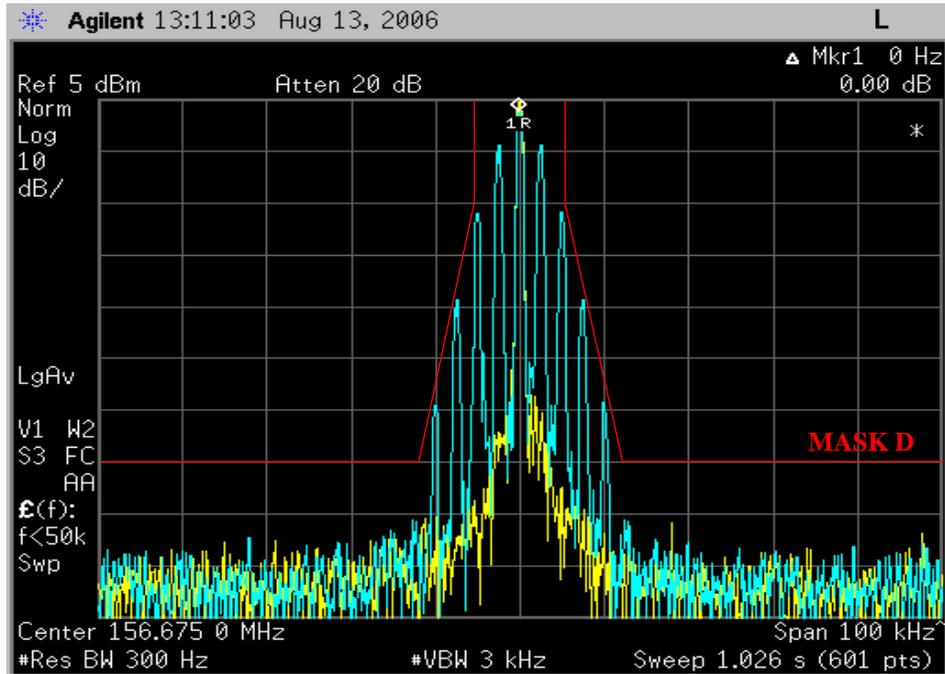


Figure 6E-1: 12.5 kHz Channel Spacing, 156.675 MHz, 2500 Hz Audio Modulation Only, 11K0F3E

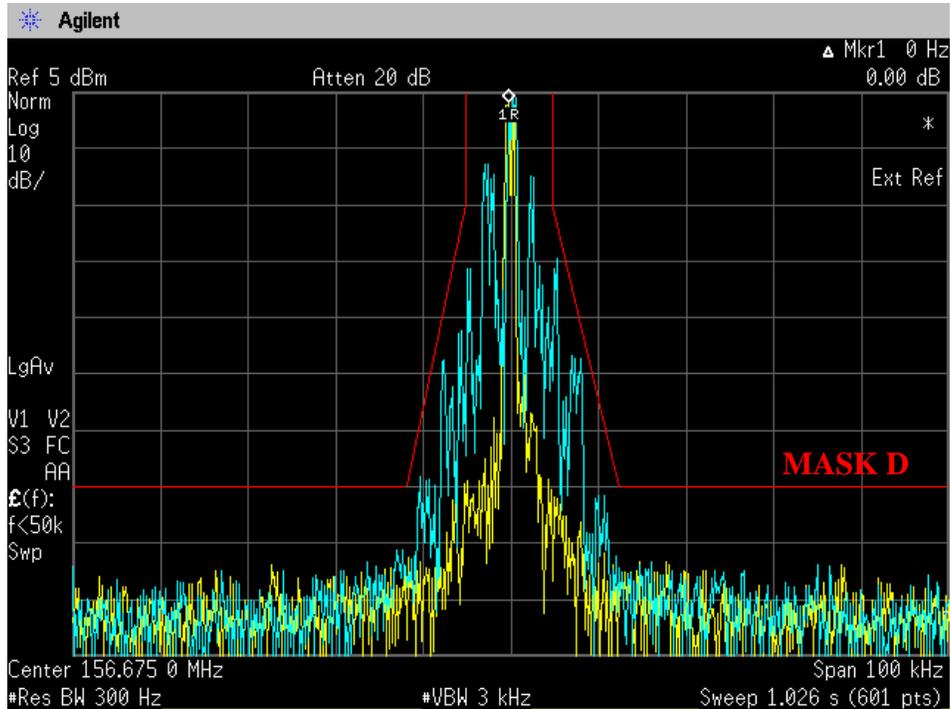


Figure 6E-2: 12.5 kHz Channel Spacing, 156.675 MHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E

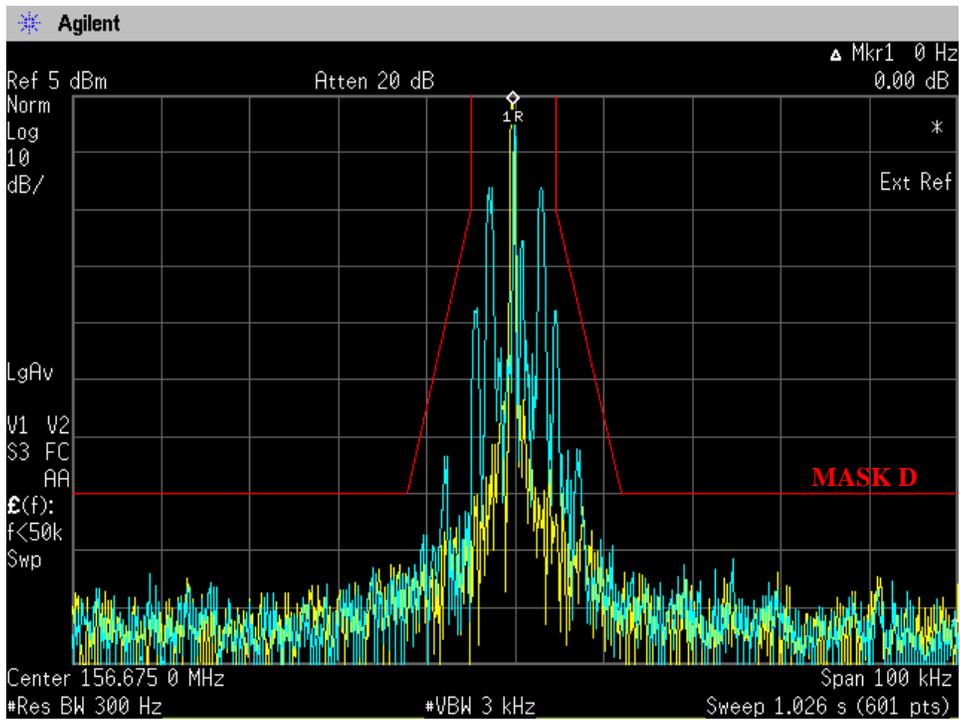


Figure 6E-3: 12.5 kHz Channel Spacing, 156.675 MHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E

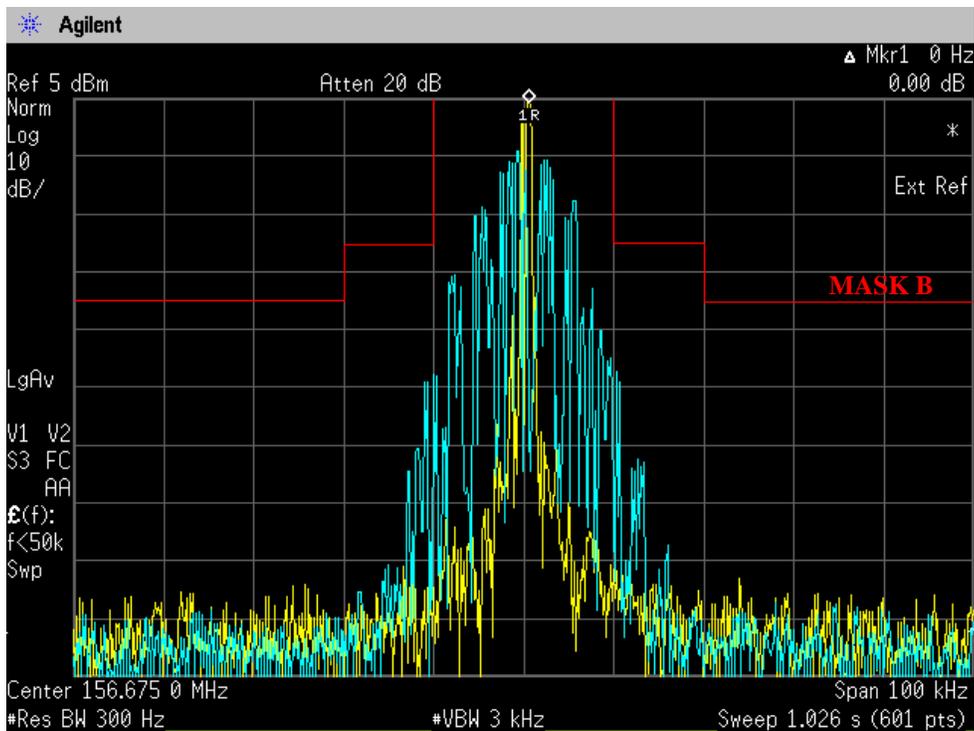


Figure 6E-4: 25 kHz Channel Spacing, 156.675 MHz, 2500 Hz Audio Modulation Only, 16K0F3E

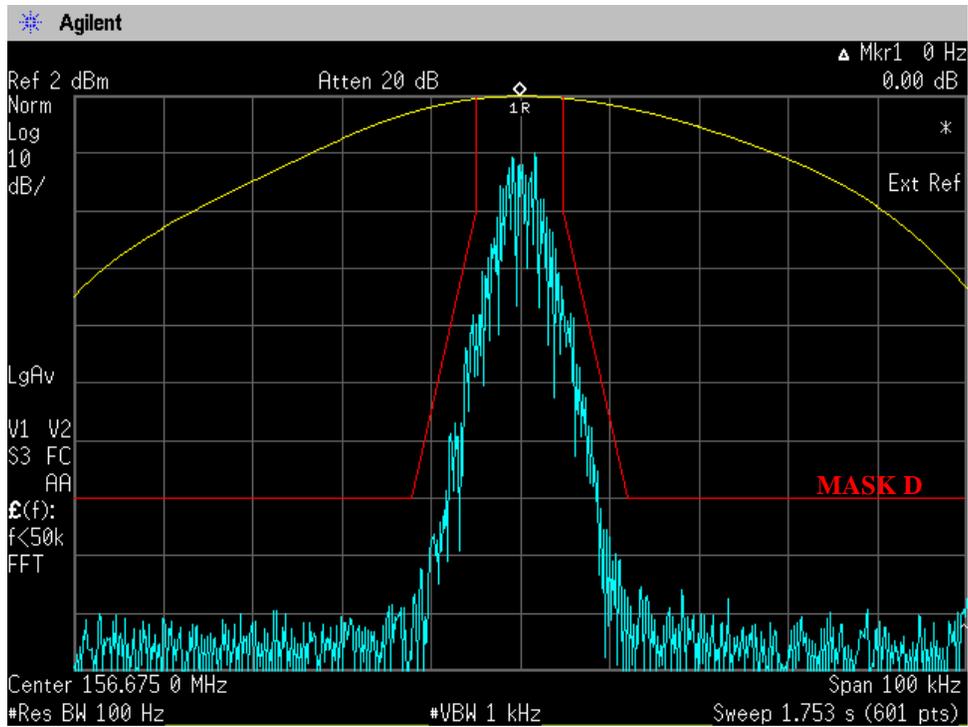


Figure 6E-7: 12.5 kHz Channel Spacing, 156.675 MHz, APCO25 Digital Data (8K10F1D), 8K10F1D

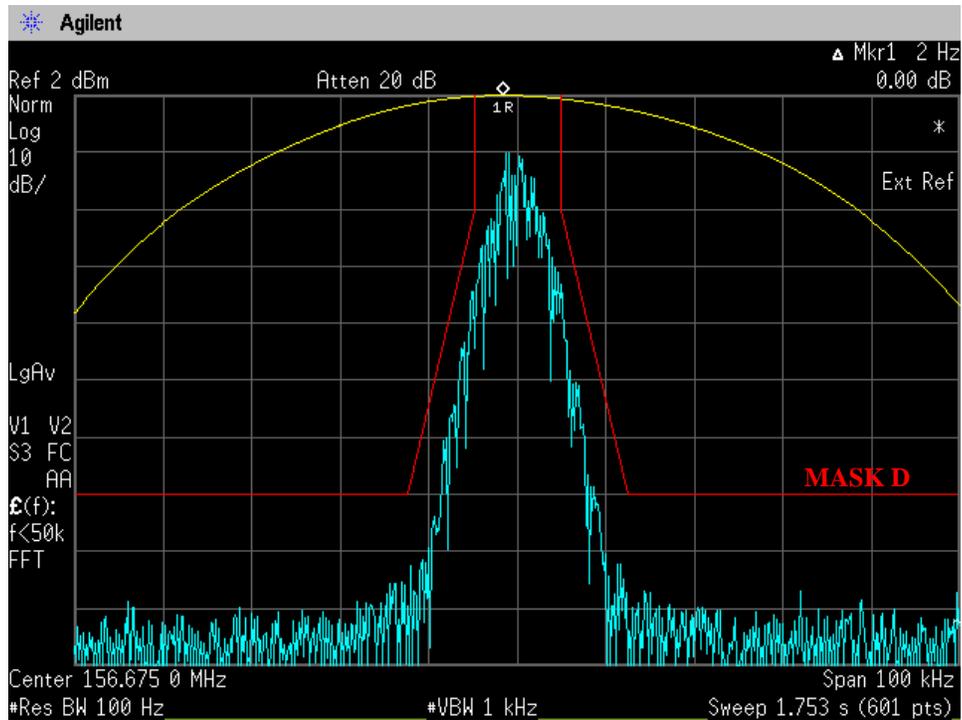


Figure 6E-8: 12.5 kHz Channel Spacing, 156.675 MHz, APCO25 Digital Voice (8K10F1E), 8K10F1E

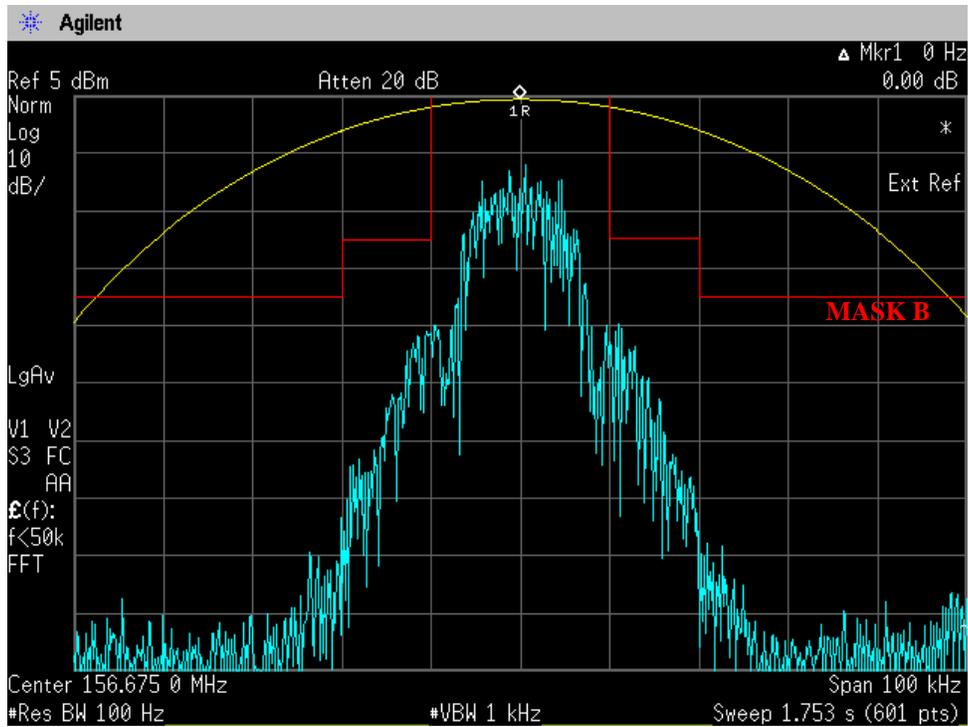


Figure 6E-9: 25.0 kHz Channel Spacing, 156.675 MHz, Voice Encryption, 20K0F1E

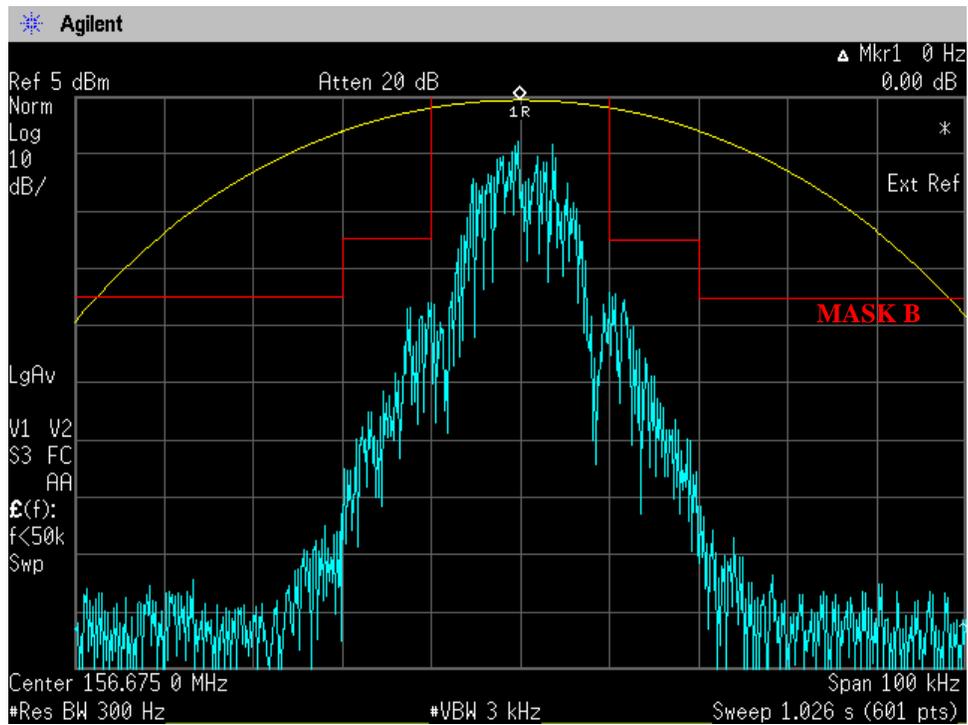


Figure 6E-10: 25.0 kHz Channel Spacing, 156.675 MHz, I Voice Encryption, 20K0F1E,

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.

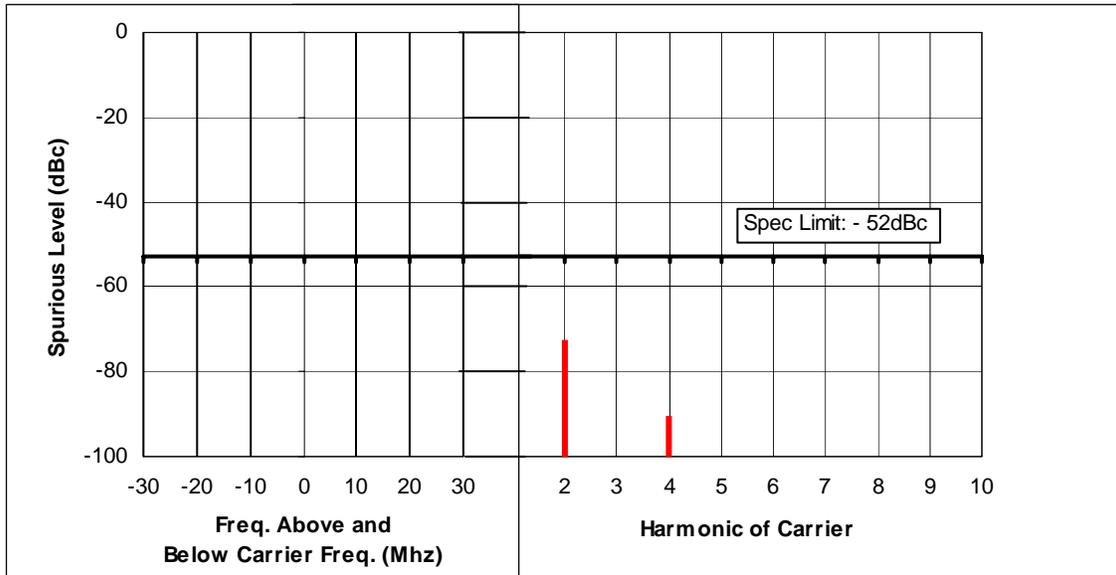


Table 6F-1: 1.6 Watt Harmonic of Carrier 136.675 MHz, 12.5 kHz Channel Spacing

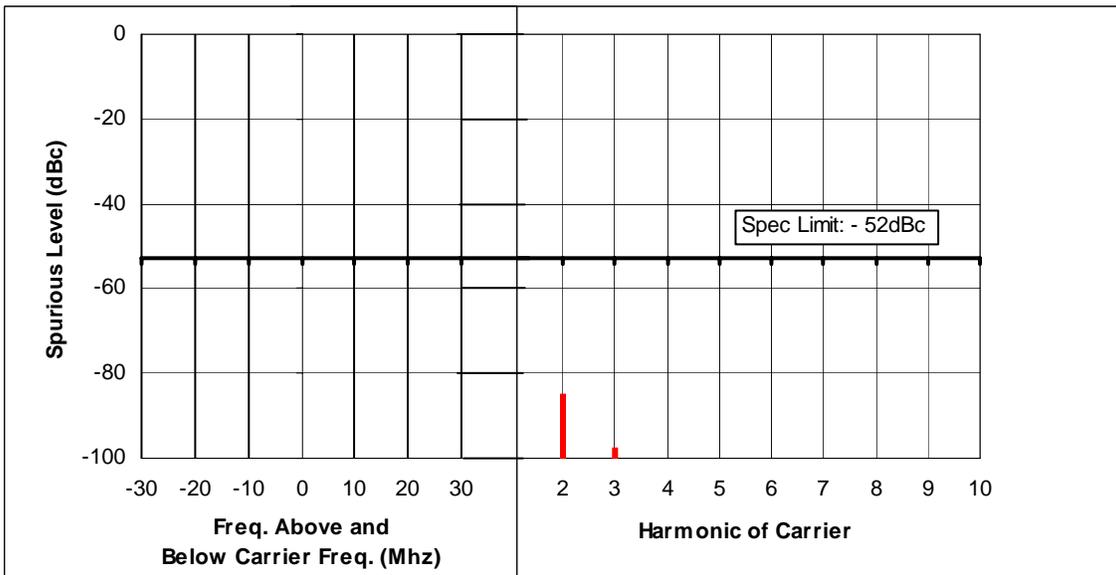


Table 6F-2: 1.6 Watt Harmonic of Carrier 156.675 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

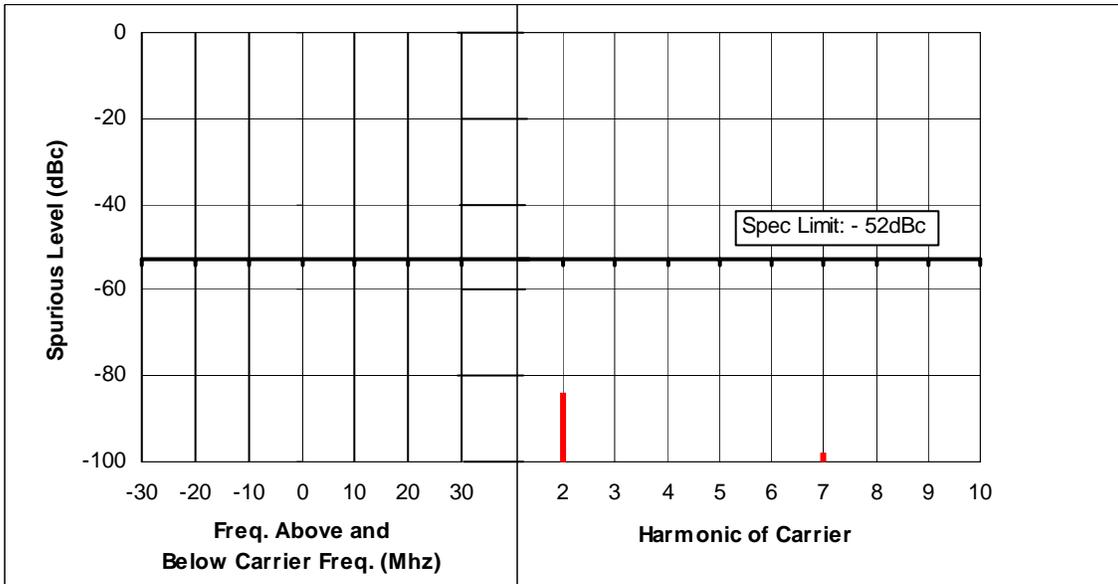


Table 6F-3: 1.6 Watt Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing

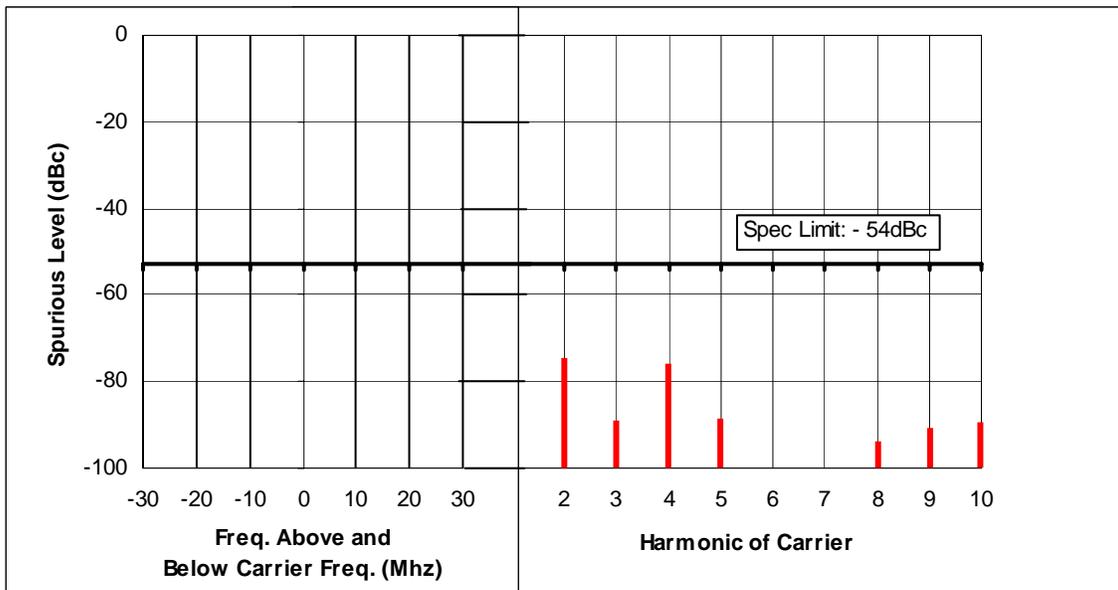


Table 6F-4: 2.8 Watt Harmonic of Carrier 136.675 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

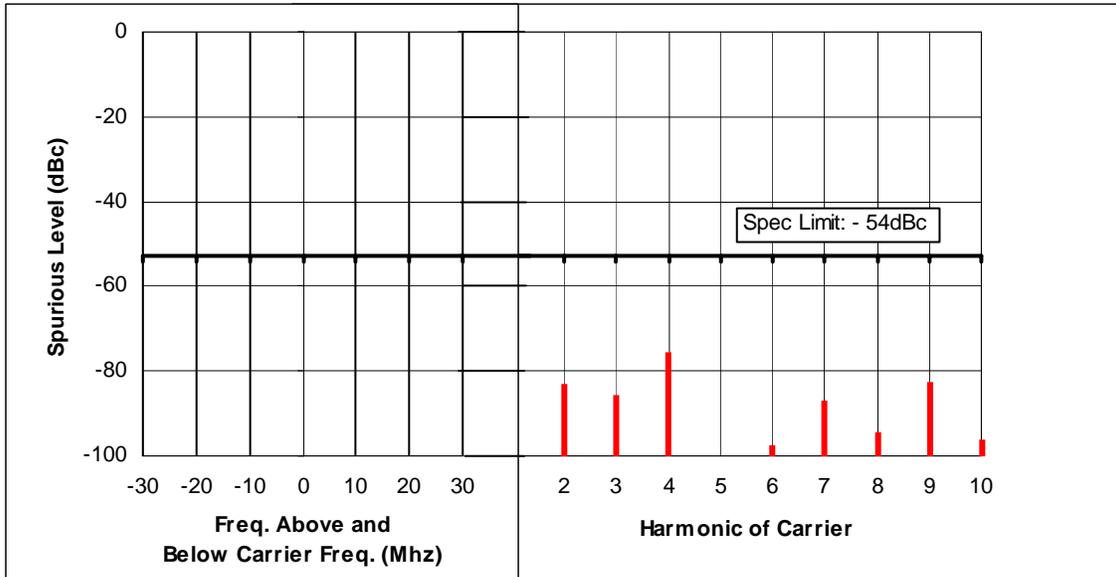


Table 6F-5: 2.8 Watt Harmonic of Carrier 156.675 MHz, 12.5 kHz Channel Spacing

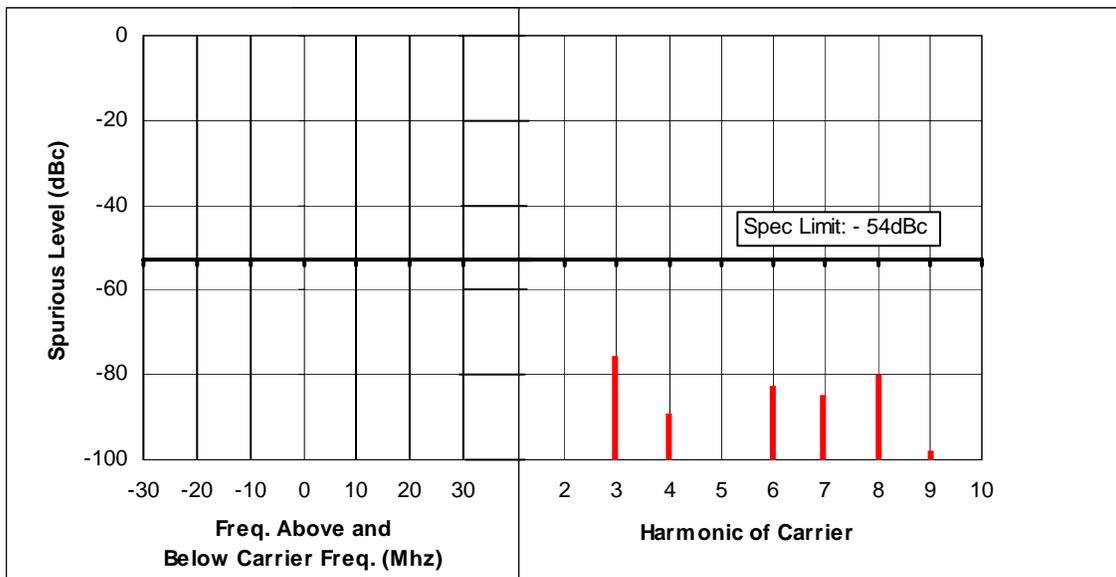


Table 6F-6: 2.8 Watt Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

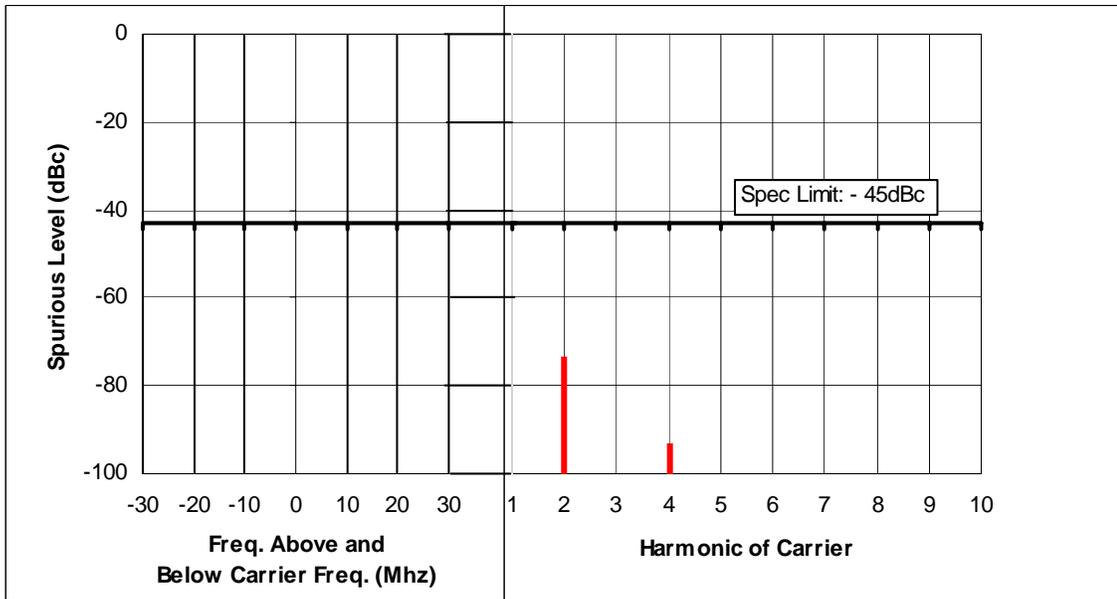


Table 6F-7: 1.6 Watt Harmonic of Carrier 136.675 MHz, 25 kHz Channel Spacing

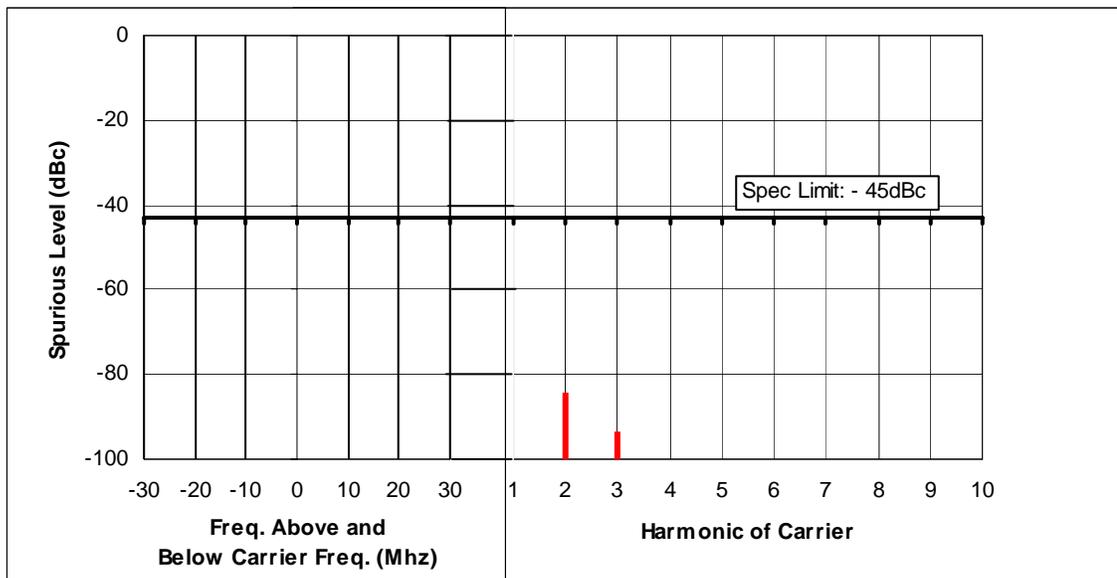


Table 6F-8: 1.6 Watt Harmonic of Carrier 156.675 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

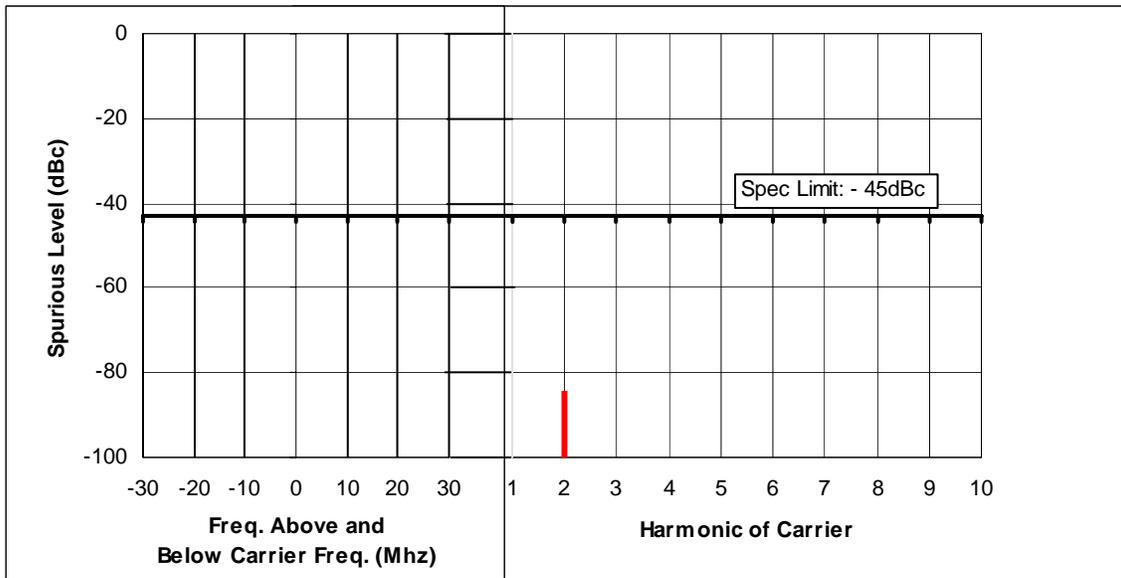


Table 6F-9: 1.6 Watt Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing

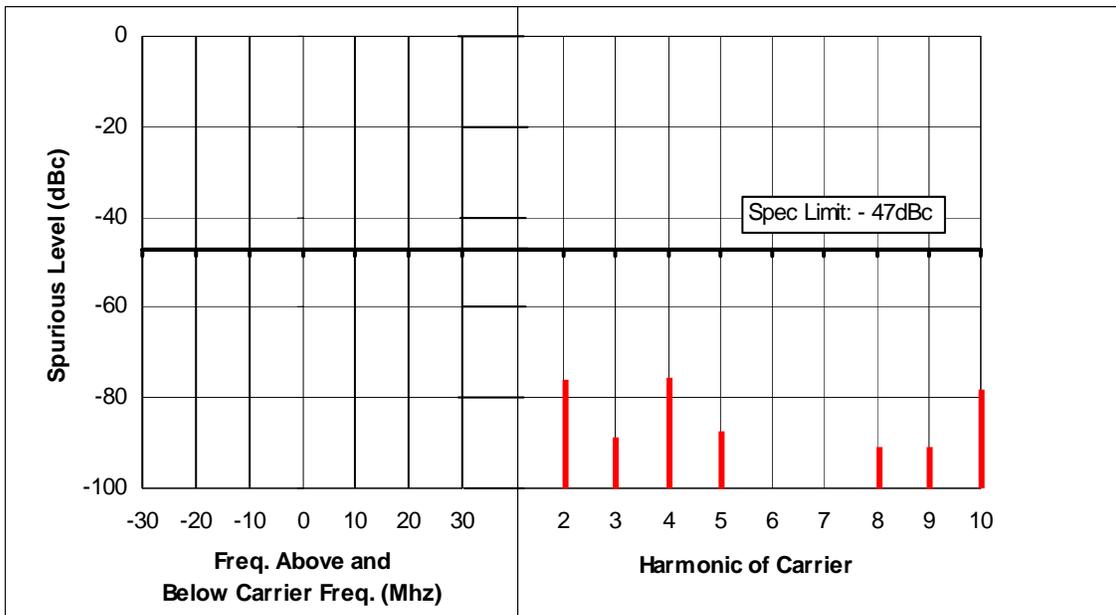


Table 6F-10: 2.8 Watt Harmonic of Carrier 136.675 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

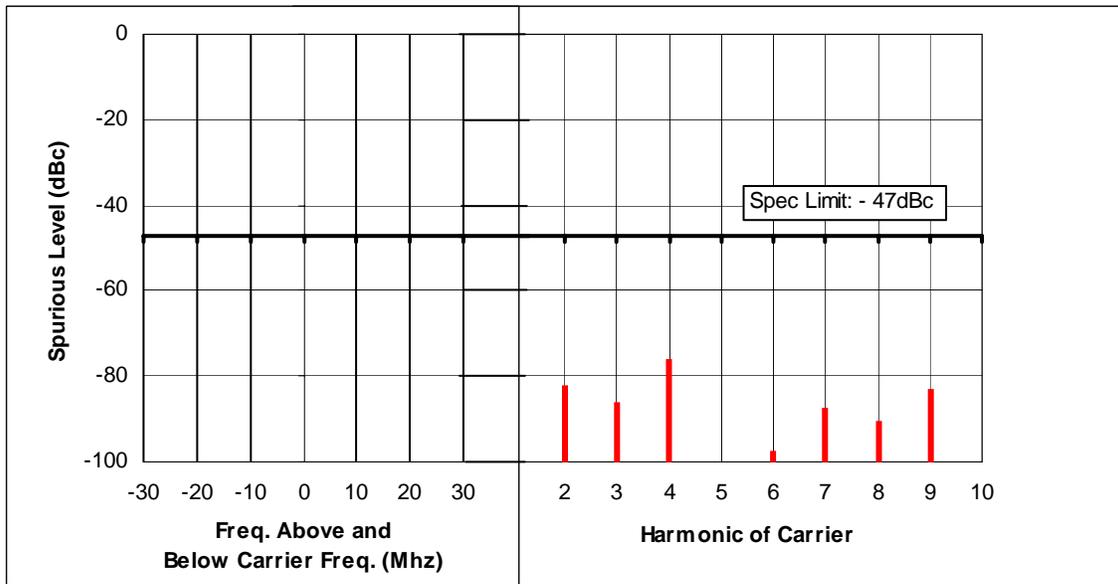


Table 6F-11: 2.8 Watt Harmonic of Carrier 156.675 MHz, 25 kHz Channel Spacing

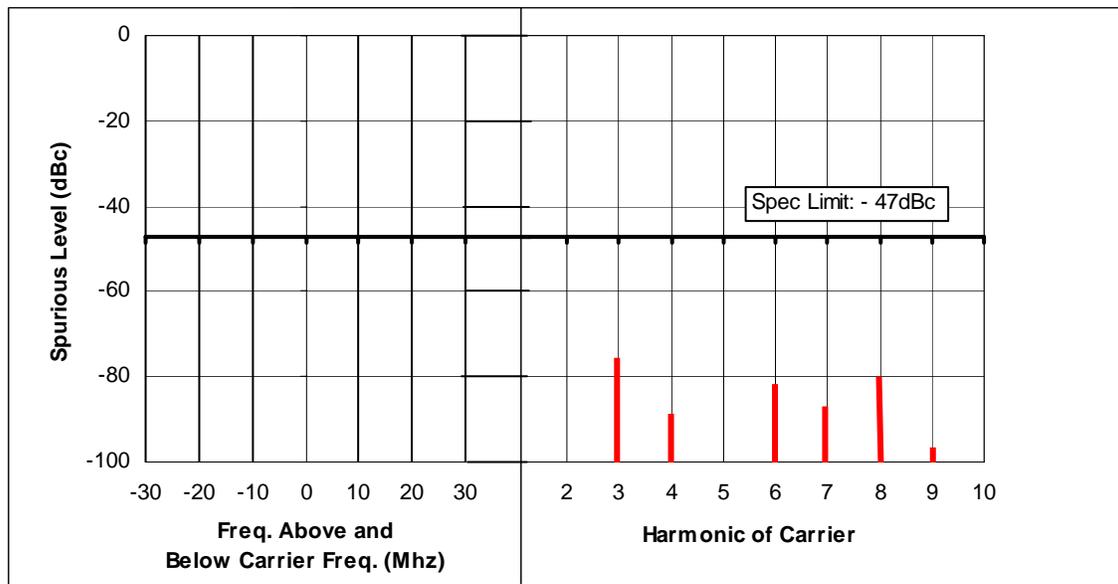


Table 6F-12: 2.8 Watt Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

EXHIBIT 6G

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

Refer to file "FT3814_Exhibit 6G - TX Radiated Spurious Emissions.pdf"

EXHIBIT 6H

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

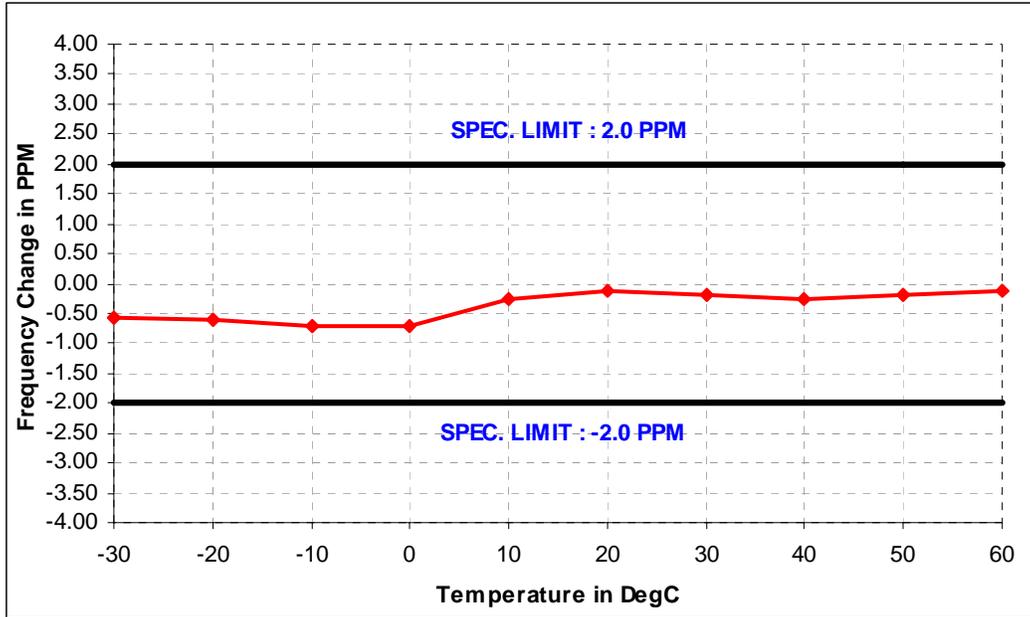


Figure 6H-1: Frequency Stability vs. Temperature

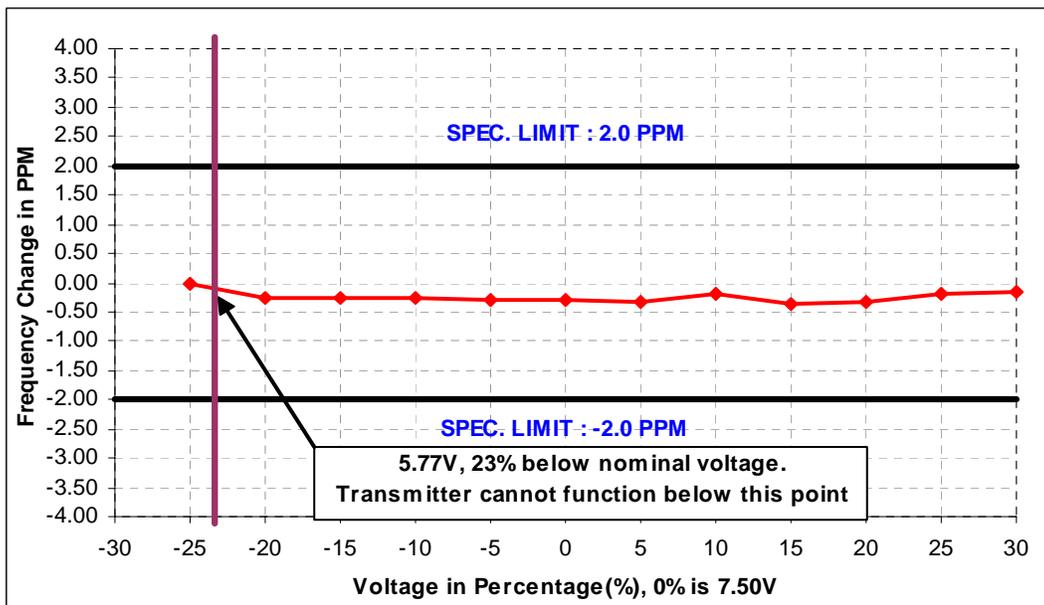


Figure 6H-2: Frequency Stability vs. Voltage

EXHIBIT 6I

Transient Frequency Behavior (FCC Rules Part 90.214)

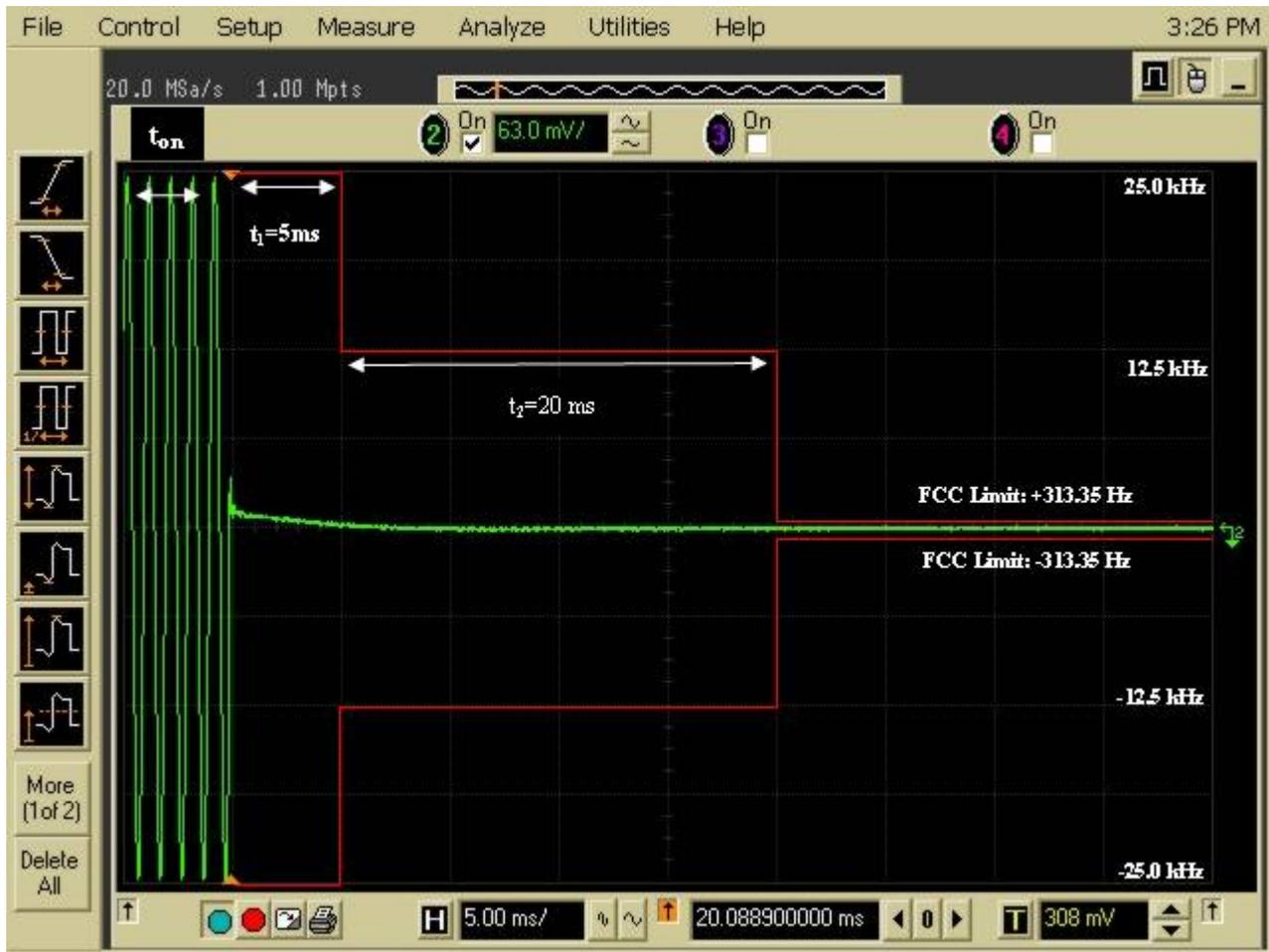


Figure 6I-1: 2.8 Watts, 12.5 kHz Key-Up Attack Time

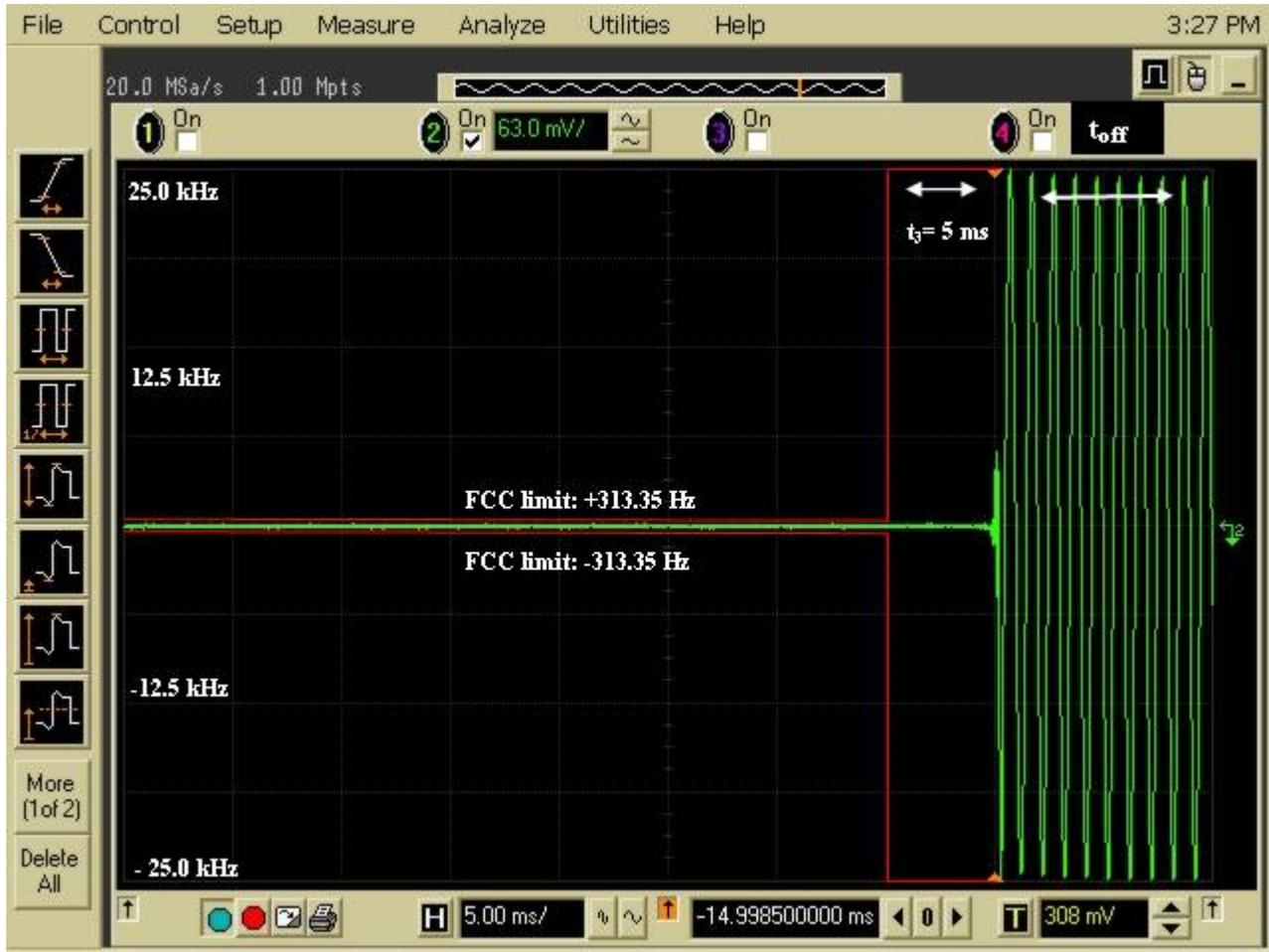


Figure 6I-2: 2.8 Watts, 12.5 kHz De-Key Decay Time

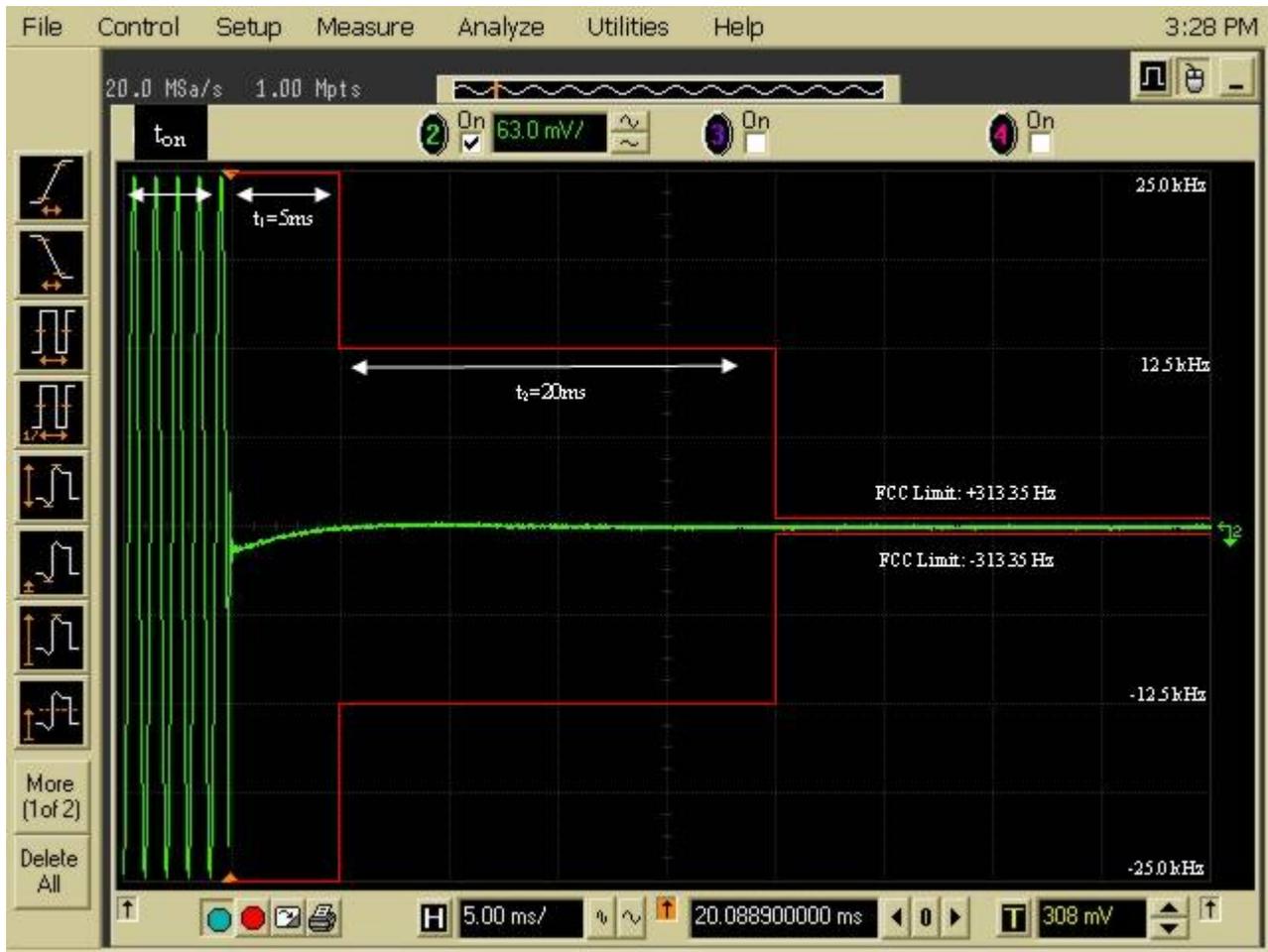


Figure 6I-3: 2.8 Watts, 25 kHz Key-Up Attack Time

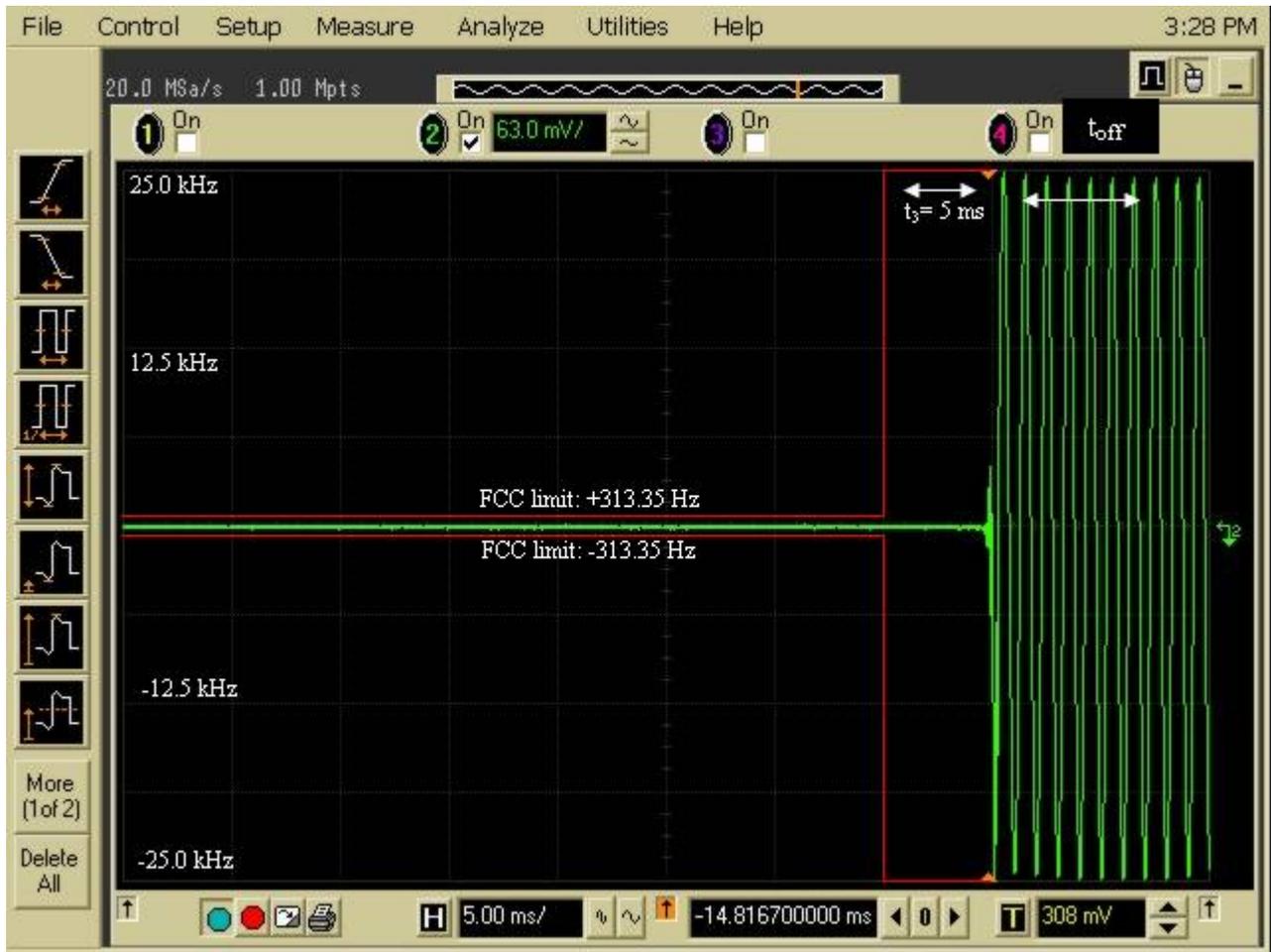


Figure 6I-4: 2.8 Watts, 25 kHz De-Key Decay Time

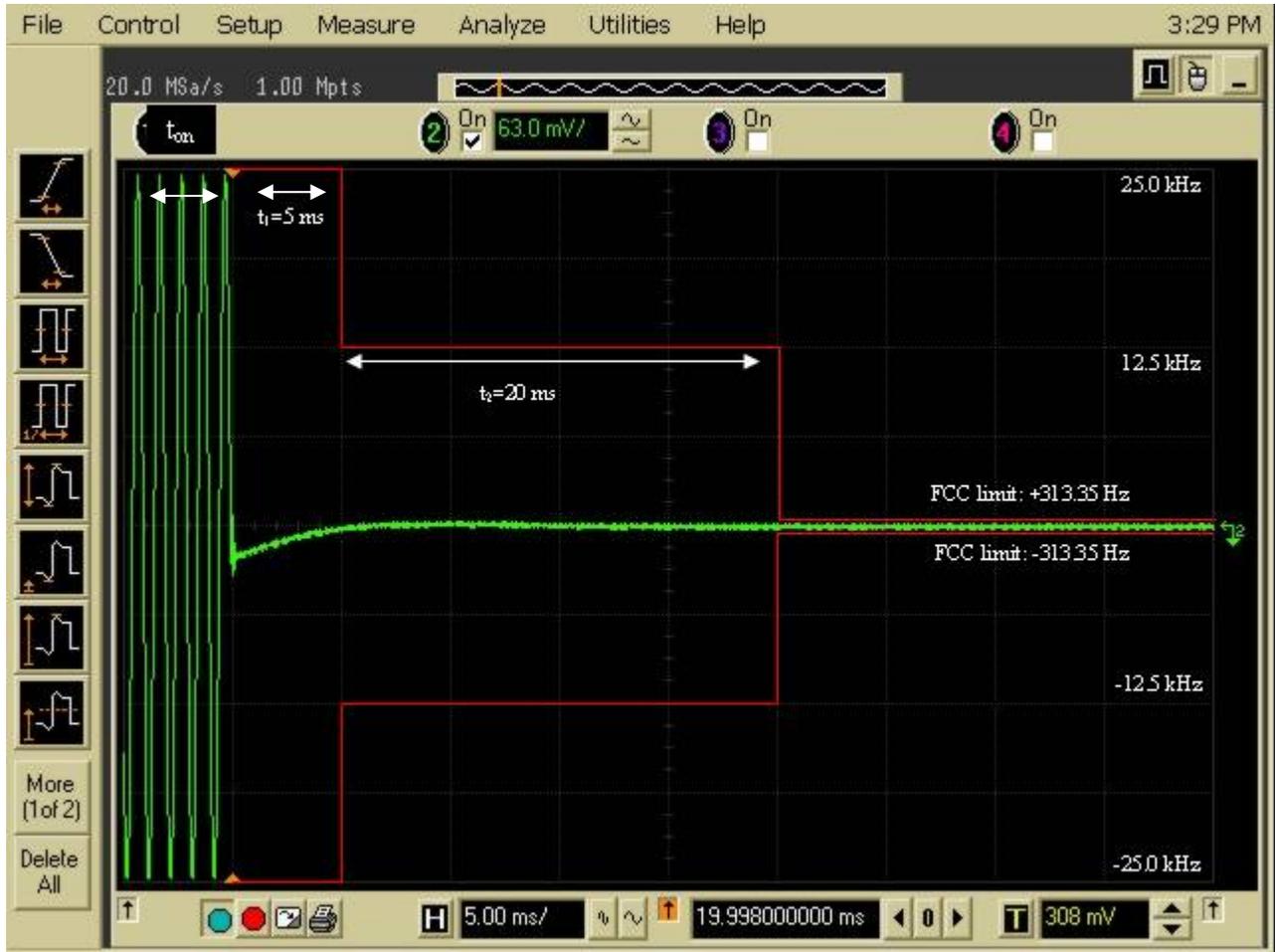


Figure 6I-5: 1.6 Watt, 12.5 kHz Key-Up Attack Time



Figure 6I-6: 1.6 Watt, 12.5 kHz De-Key Decay Time

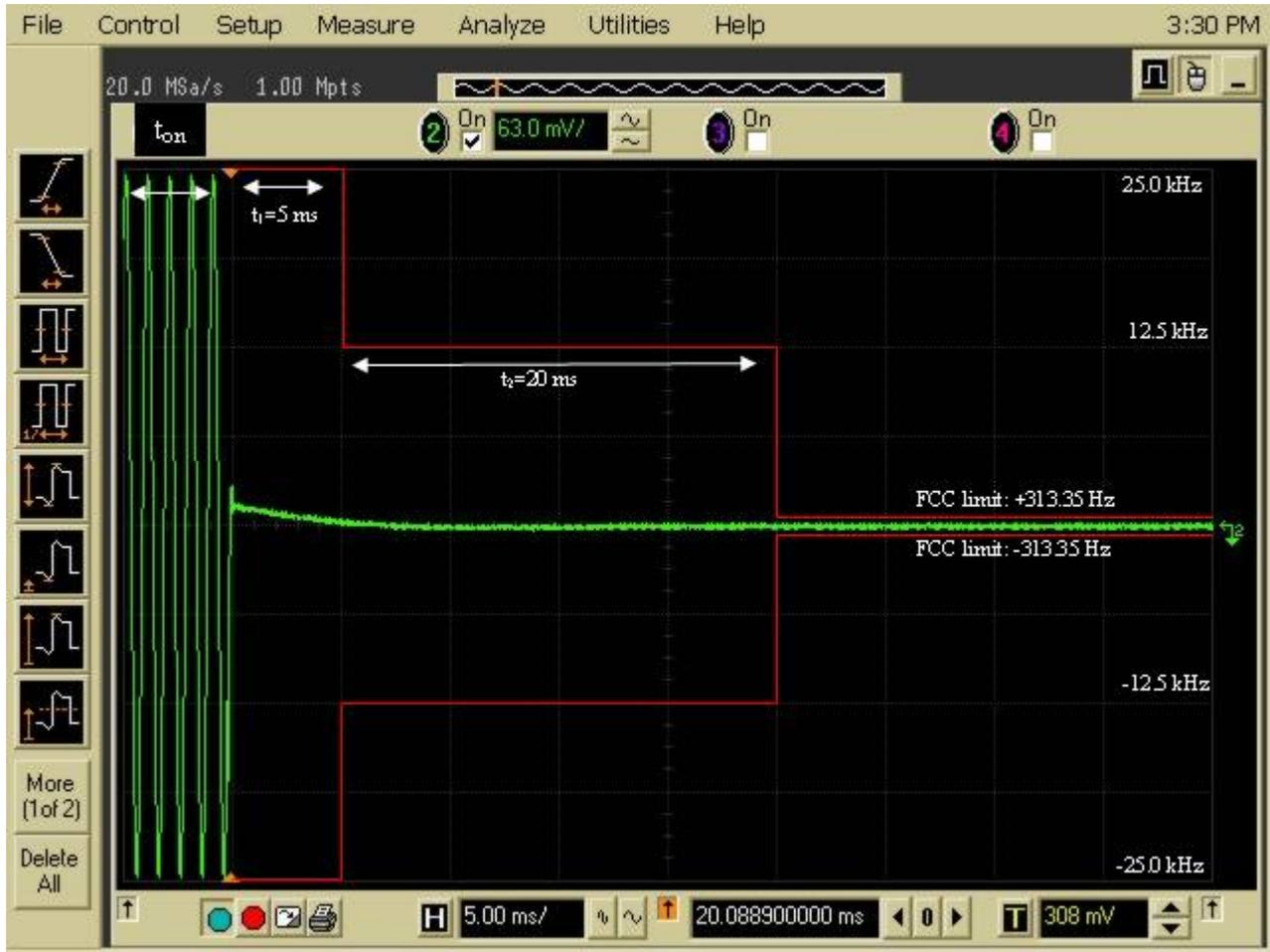


Figure 6I-7: 1.6 Watt, 25 kHz Key-Up Attack Time

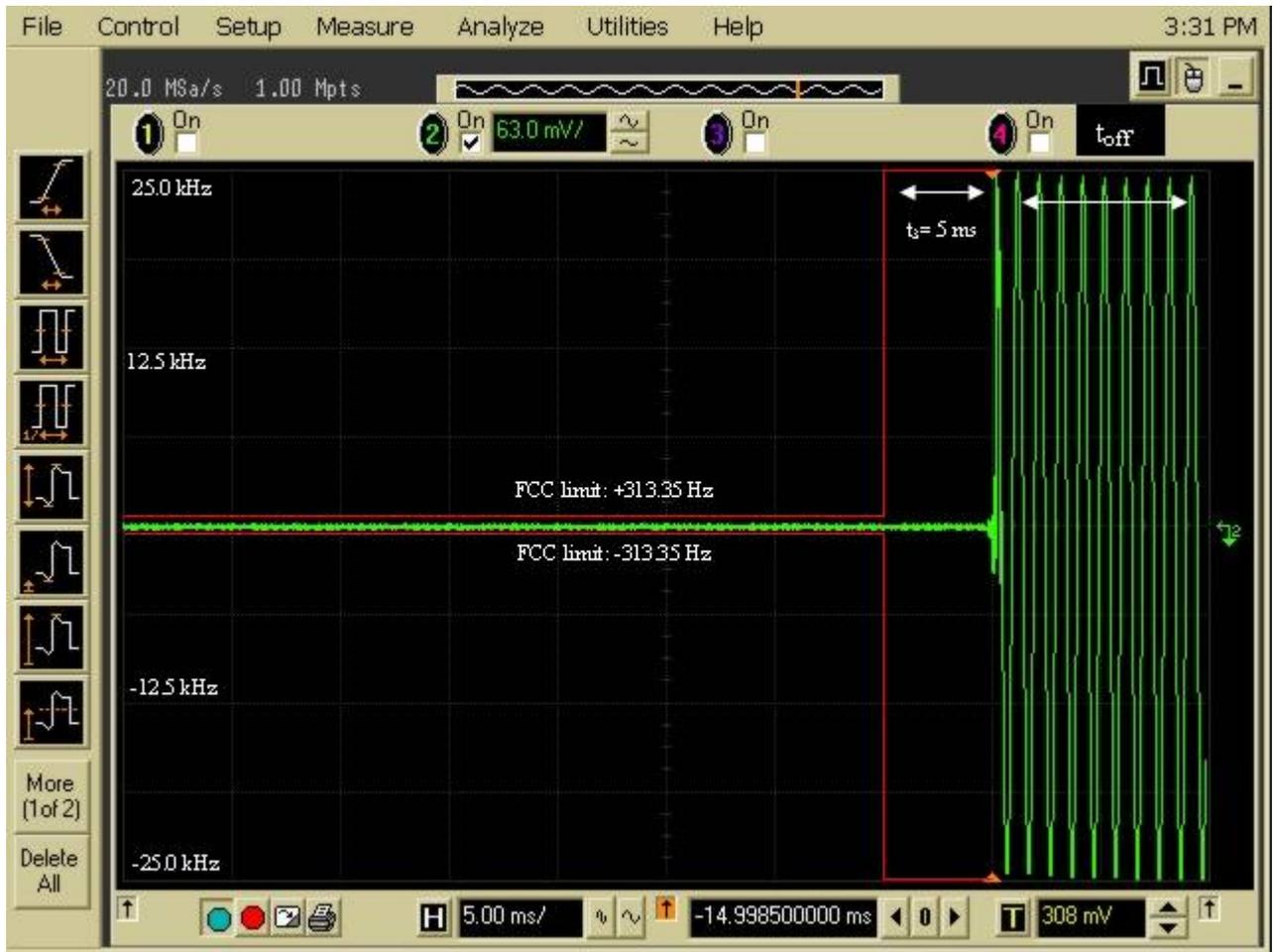


Figure 6I-8: 1.6 Watt, 25 kHz De-Key Decay Time

EXHIBIT 6J

Power Line Conducted Spurious Emissions (FCC Rules Part 15.107)

Refer to file "FT3814 – Power Line Conducted Spurious Emissions.pdf"