

EXHIBIT 6 Part 1

INDEX OF SUBMITTED MEASURED DATA

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

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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 435.025 MHz:

Output RF power	4.02 Watts
DC Voltage	7.50 Volts
DC Current	1.13 A
RF PA Input Power	478 milliWatts

At minimum output power setting, Frequency 435.025 MHz:

Output RF power	2.28Watts
DC Voltage	7.50 Volts
DC Current	0.74 A
RF PA Input Power	227 milliWatts

At maximum output power setting, Frequency 457.525 MHz:

Output RF power	4.18 Watts
DC Voltage	7.50 Volts
DC Current	1.00 A
RF PA Input Power	415 milliWatts

At minimum output power setting, Frequency 457.525 MHz:

Output RF power	2.31 Watts
DC Voltage	7.50 Volts
DC Current	0.68 A
RF PA Input Power	226 milliWatts

At maximum output power setting, Frequency 479.975 MHz:

Output RF power	4.12 Watts
DC Voltage	7.50 Volts
DC Current	1.05 A
RF PA Input Power	406 milliWatts

At minimum output power setting, Frequency 479.975 MHz:

Output RF power	2.17 Watts
DC Voltage	7.50 Volts
DC Current	0.68 A
RF PA Input Power	233 milliWatts

EXHIBIT 6B

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

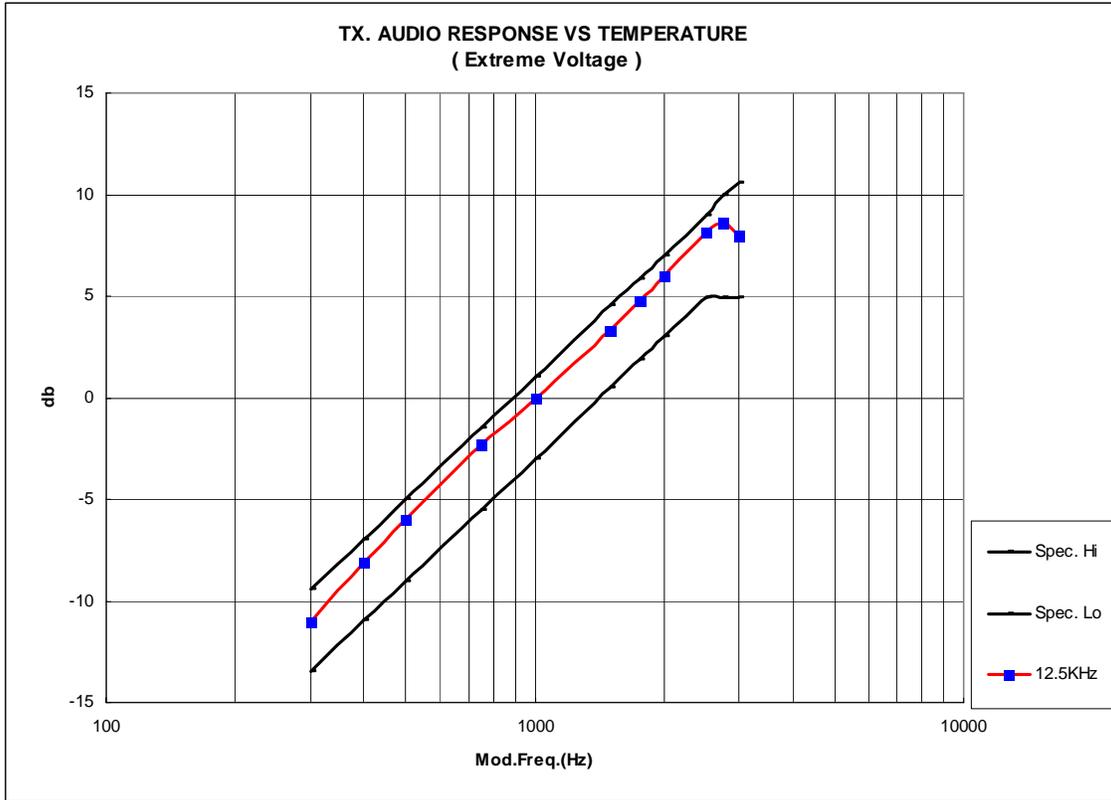


Figure 6B-1: 12.5 kHz Channel Spacing, 457.525 MHz, Transmit Audio Frequency Response

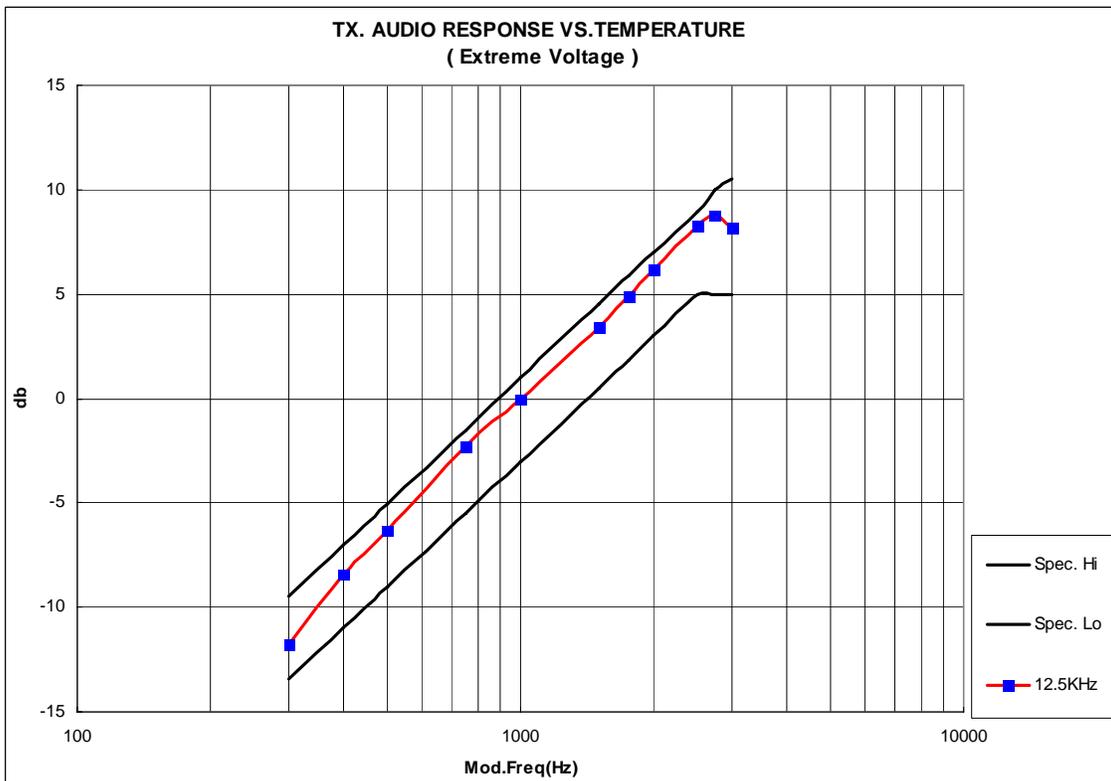


Figure 6B-2: 25 kHz Channel Spacing, 457.525 MHz, Transmit Audio Frequency Response

EXHIBIT 6C

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

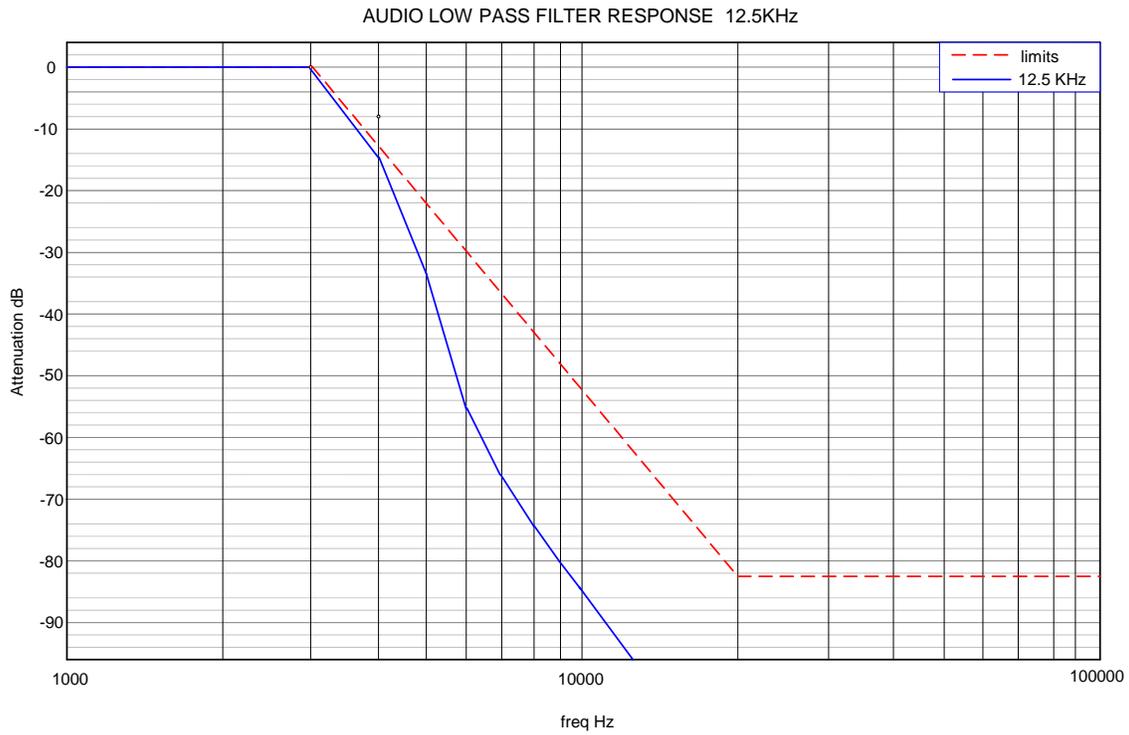


Figure 6C-1: 12.5 kHz Channel Spacing, 457.525 MHz, Transmit Audio Low Pass Filter Response

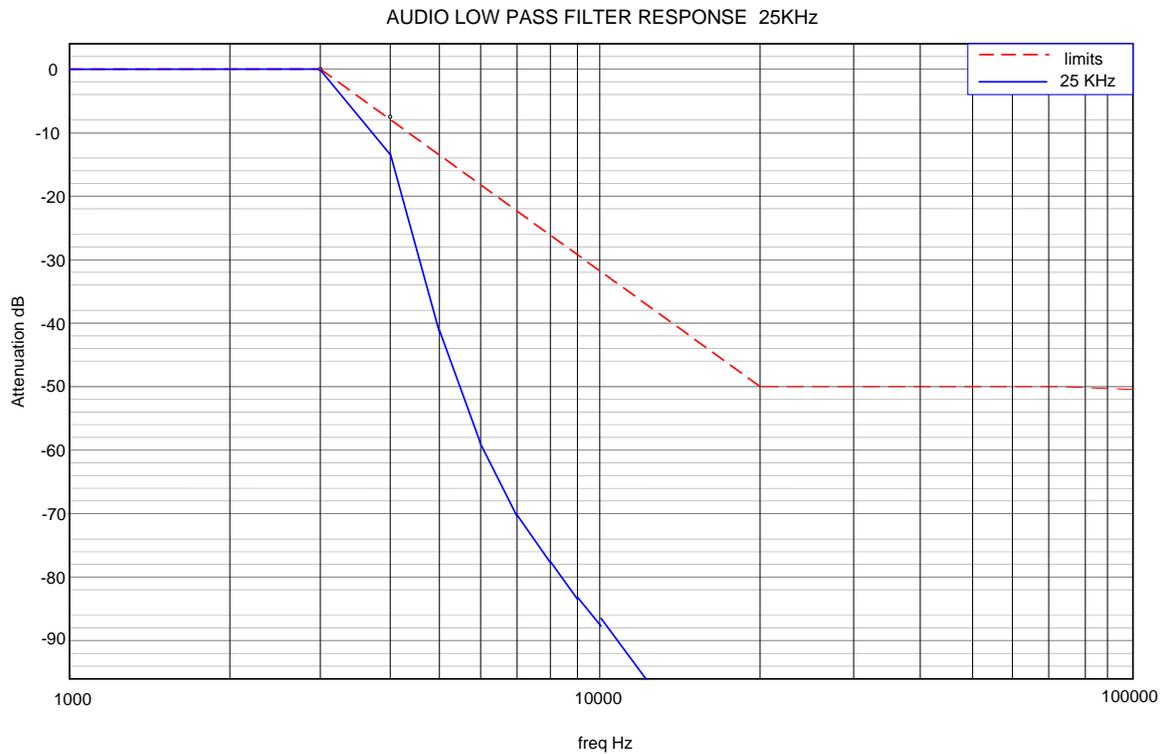


Figure 6C-2: 25 kHz Channel Spacing, 457.525 MHz, Transmit Audio Low Pass Filter Response

EXHIBIT 6D

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

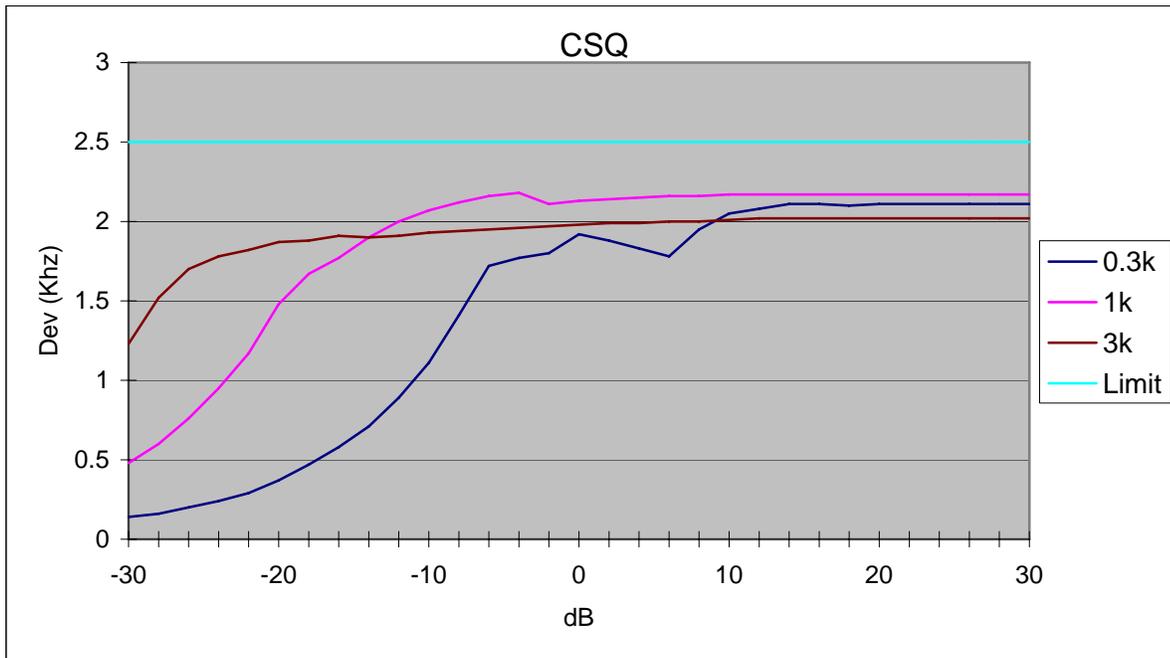


Figure 6D-1: 12.5 kHz Channel Spacing, 457.525 MHz, Carrier Squelch (CSQ) Mode

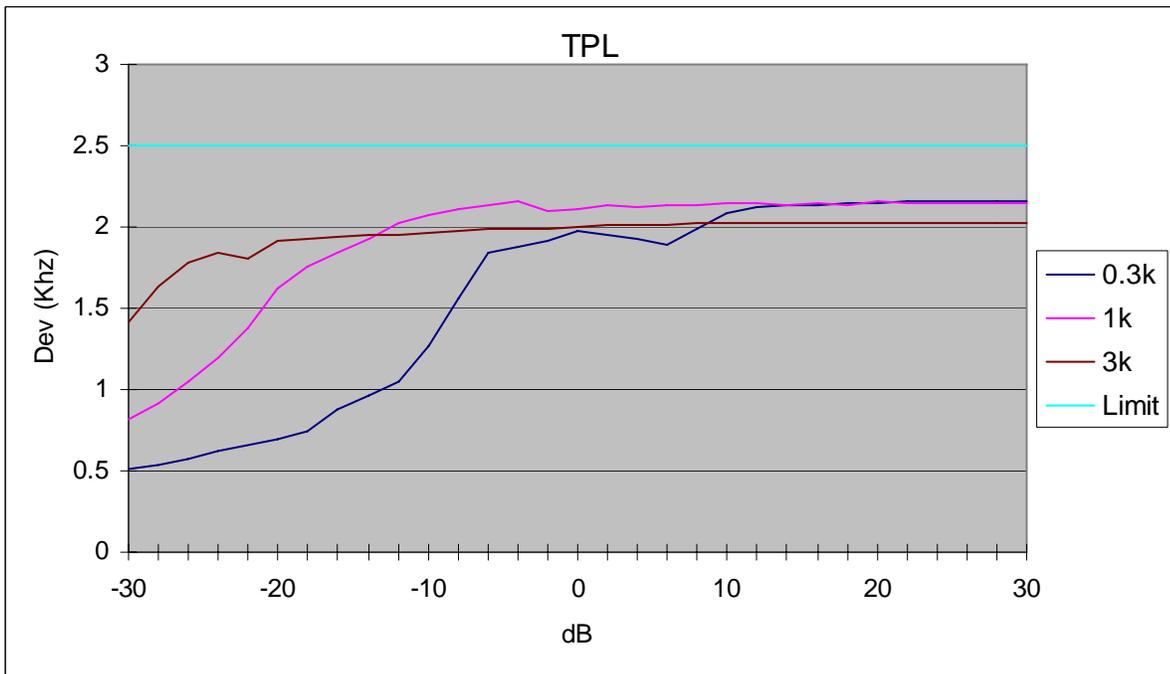


Figure 6D-2: 12.5 kHz Channel Spacing, 457.525 MHz, Tone Private Line (TPL) Mode

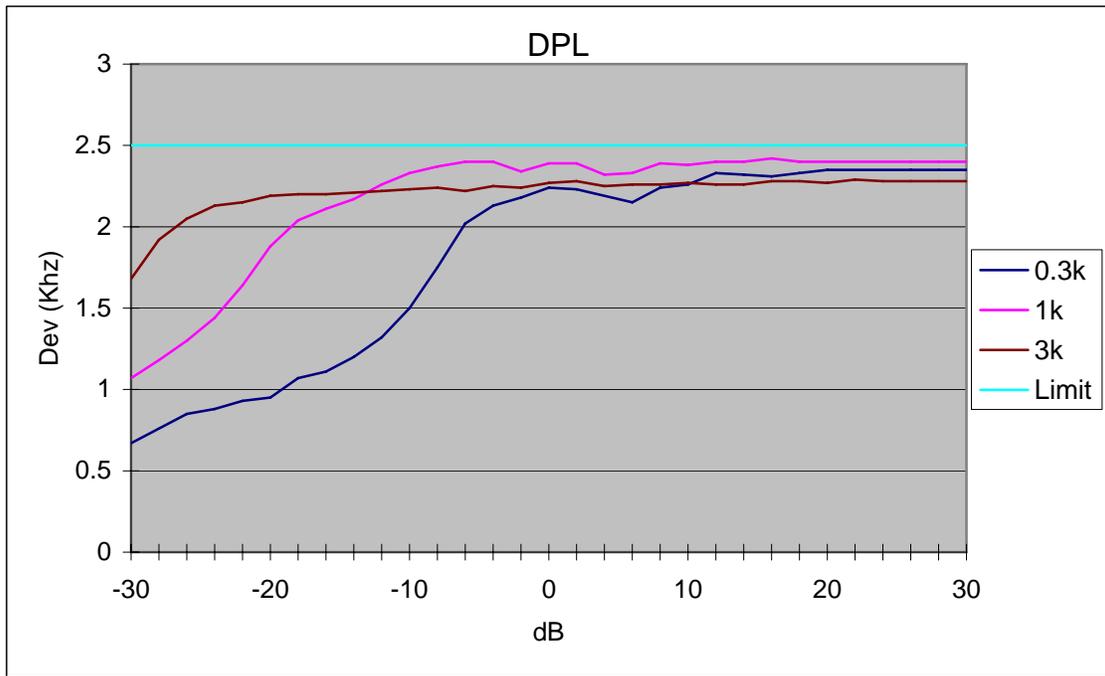


Figure 6D-3: 12.5 kHz Channel Spacing, 457.525 MHz, Digital Private Line (DPL) Mode

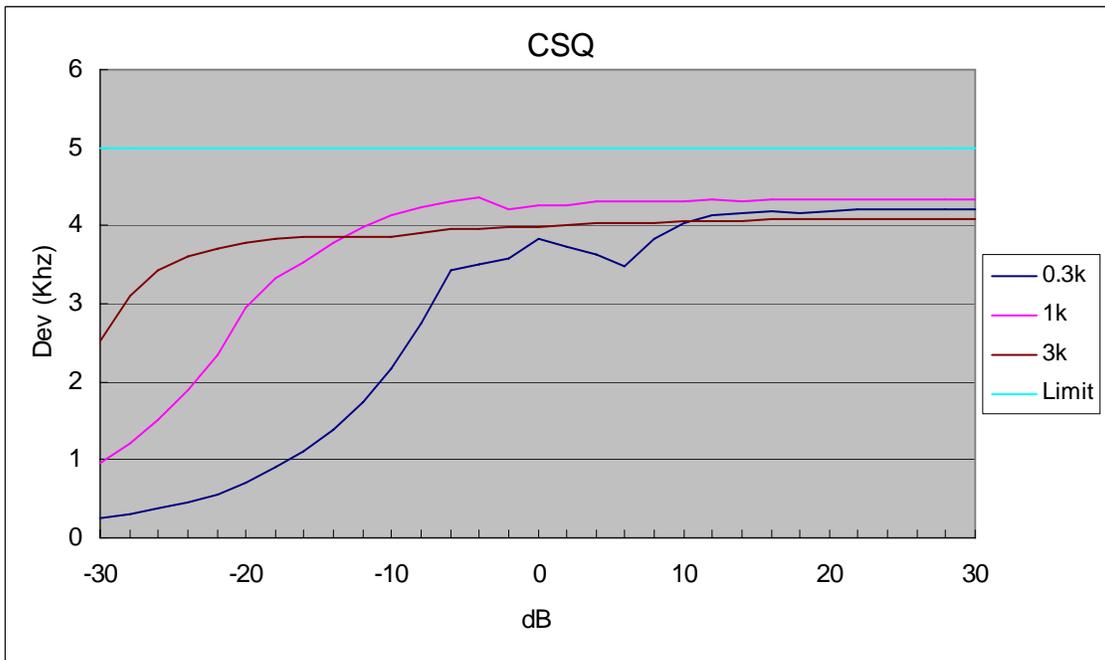


Figure 6D-4: 25 kHz Channel Spacing, 457.525 MHz, Carrier Squelch (CSQ) Mode

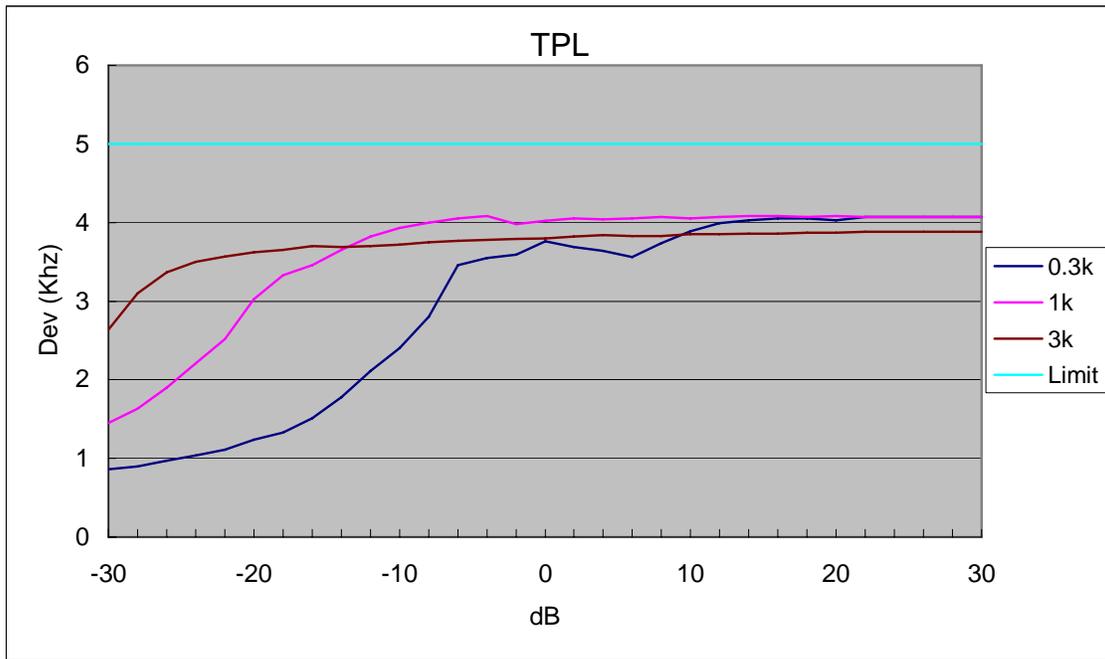


Figure 6D-5: 25 kHz Channel Spacing, 457.525 MHz, Tone Private Line (TPL) Mode

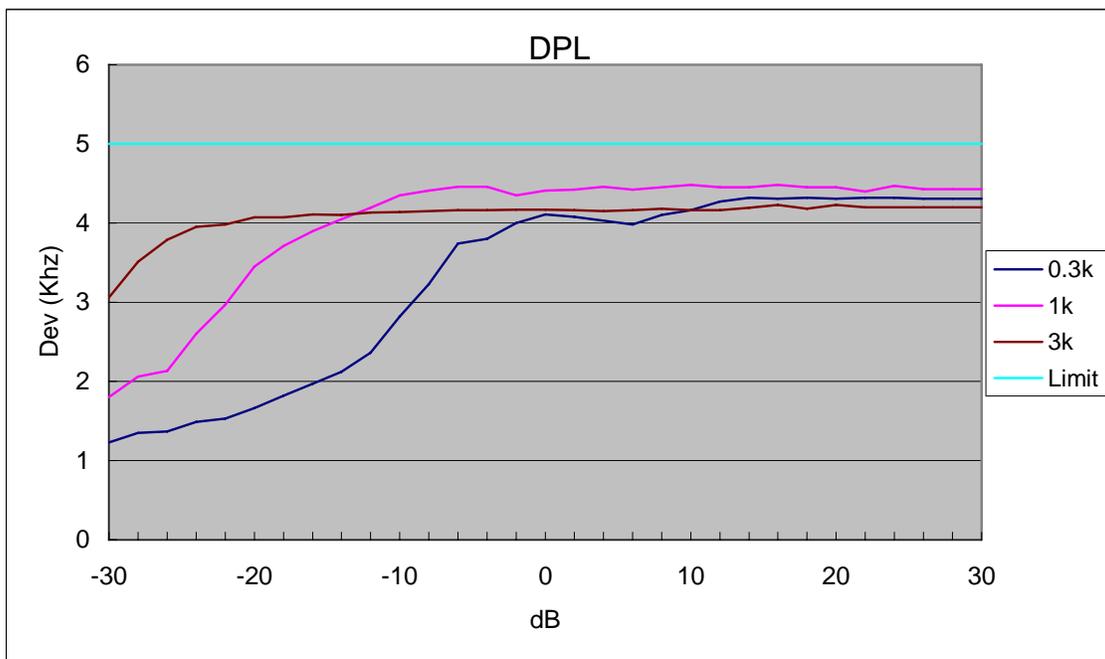


Figure 6D-6: 25 kHz Channel Spacing, 457.525 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E

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

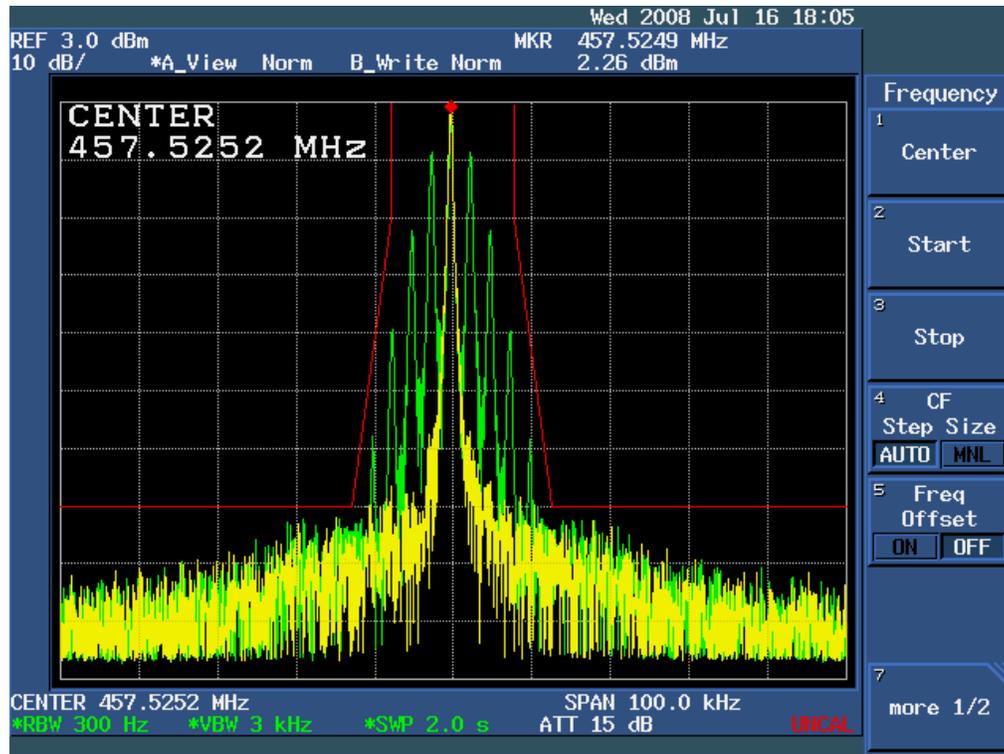


Figure 6E-1: 12.5 kHz Channel Spacing, 457.525 MHz, 2500 Hz Audio Modulation Only, Mask D 11K0F3E

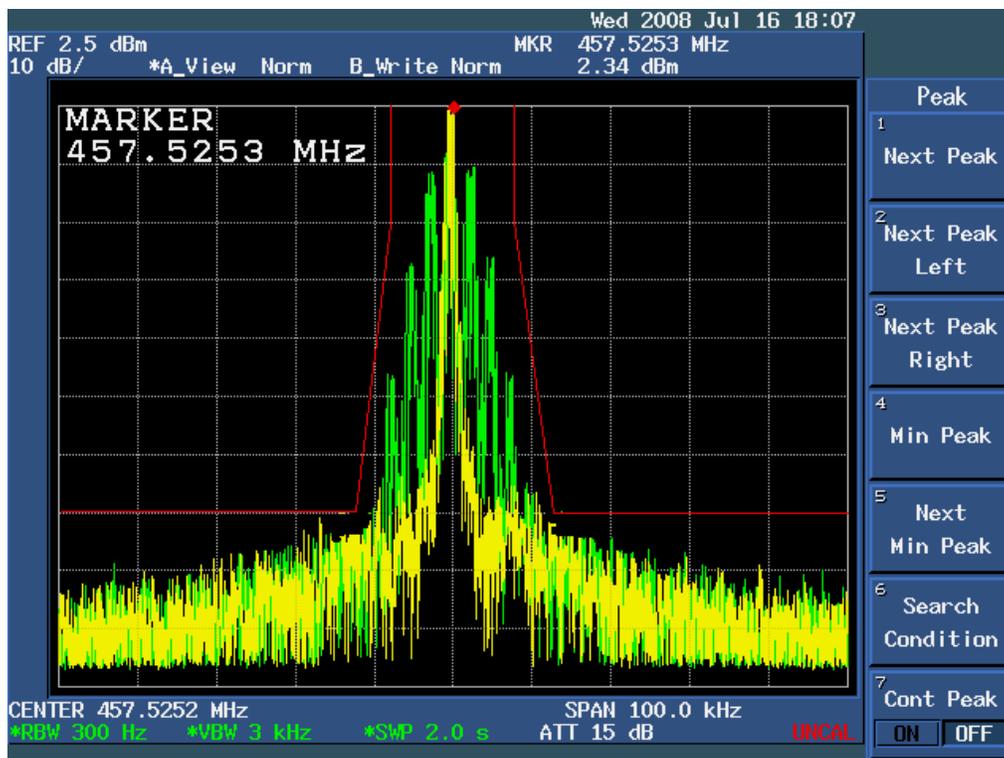


Figure 6E-2: 12.5 kHz Channel Spacing, 457.525 MHz, 2500 Hz Audio and PL Tone Modulation, Mask D 11K0F3E

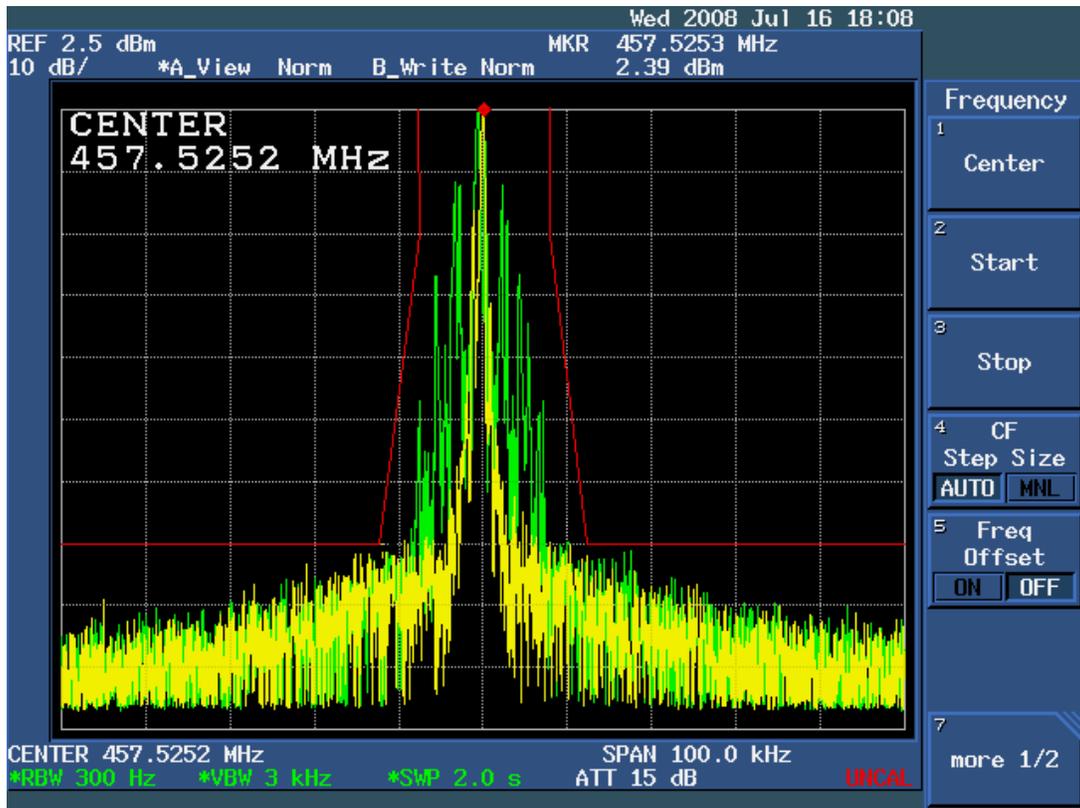


Figure 6E-3: 12.5 kHz Channel Spacing, 457.525 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask D 11K0F3E

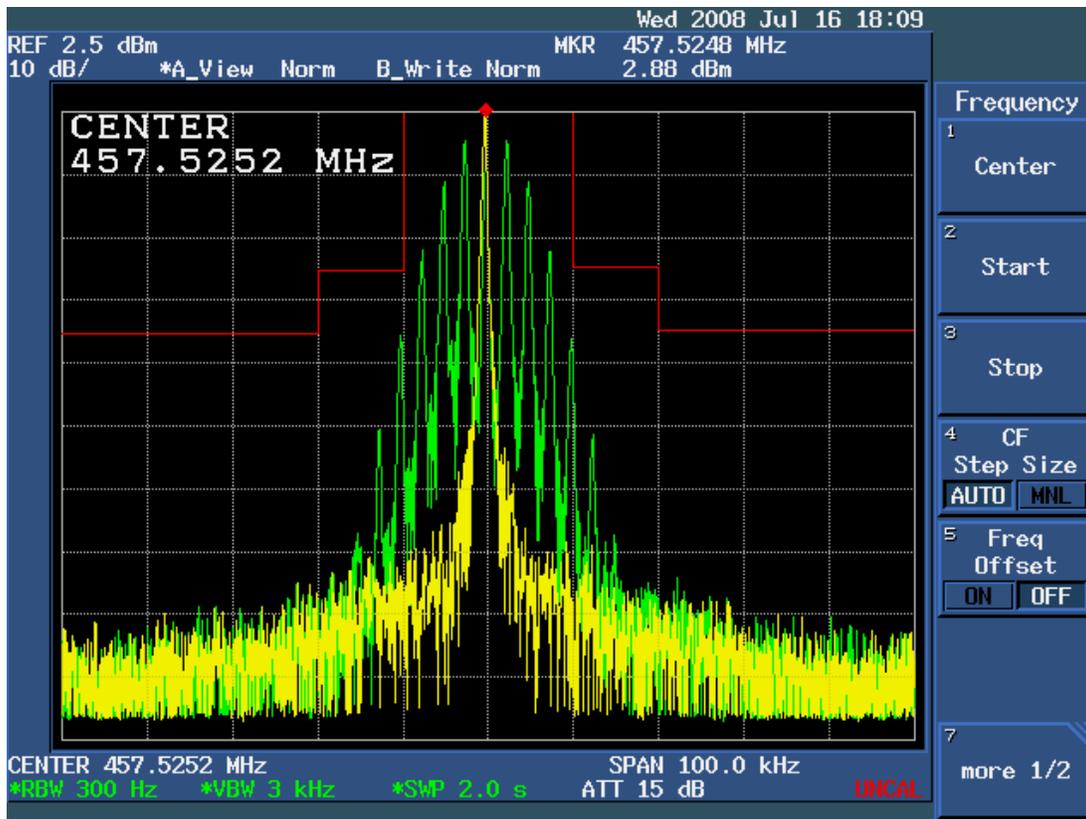


Figure 6E-4: 25 kHz Channel Spacing, 457.525 MHz, 2500 Hz Audio Modulation Only, Mask B 16K0F3E

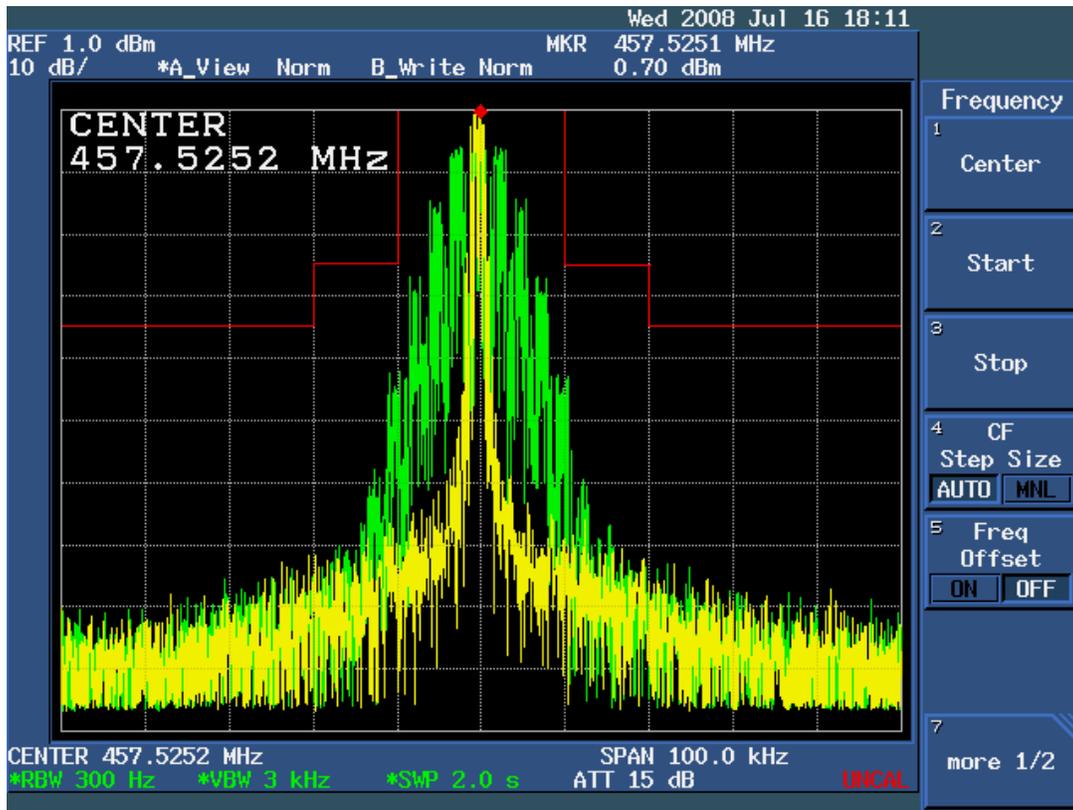


Figure 6E-5: 25 kHz Channel Spacing, 457.525 MHz, 2500 Hz Audio and PL Tone Modulation, Mask B 16K0F3E

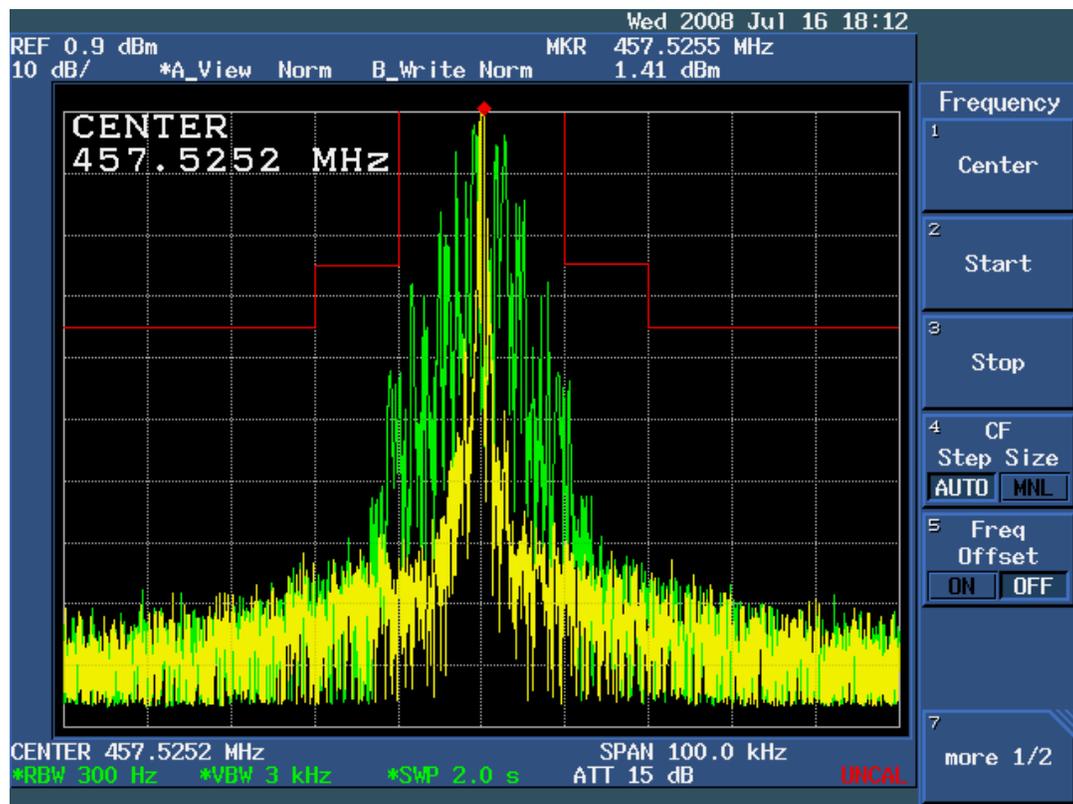


Figure 6E-6: 25 kHz Channel Spacing, 457.525 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask B 16K0F3E

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.

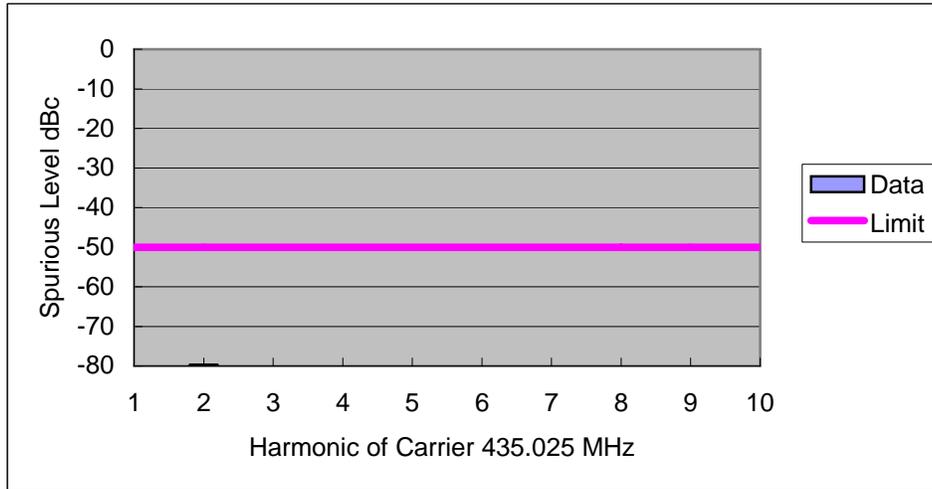


Figure 6F-1: 2 Watt Harmonic of Carrier 435.025 MHz, 12.5 kHz Channel Spacing

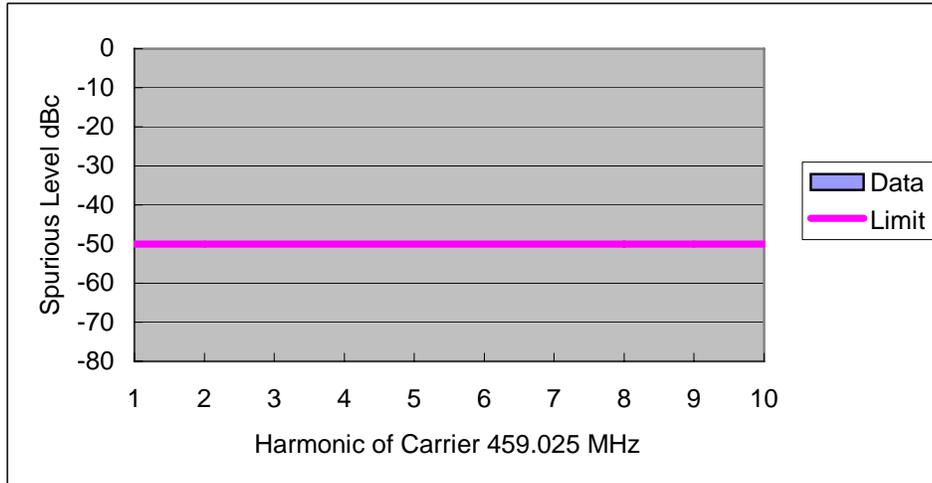


Figure 6F-2: 2 Watt Harmonic of Carrier 457.525 MHz, 12.5 kHz Channel Spacing

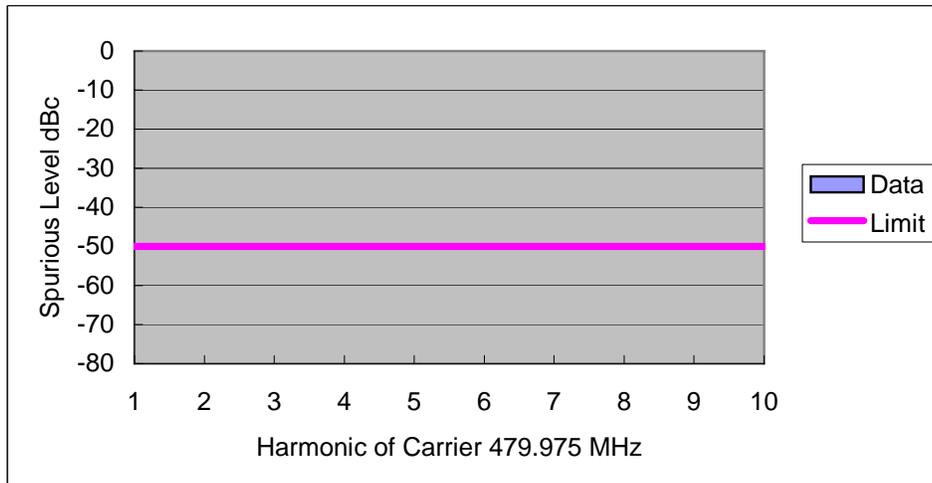


Figure 6F-3: 2 Watt Harmonic of Carrier 479.975 MHz, 12.5 kHz Channel Spacing

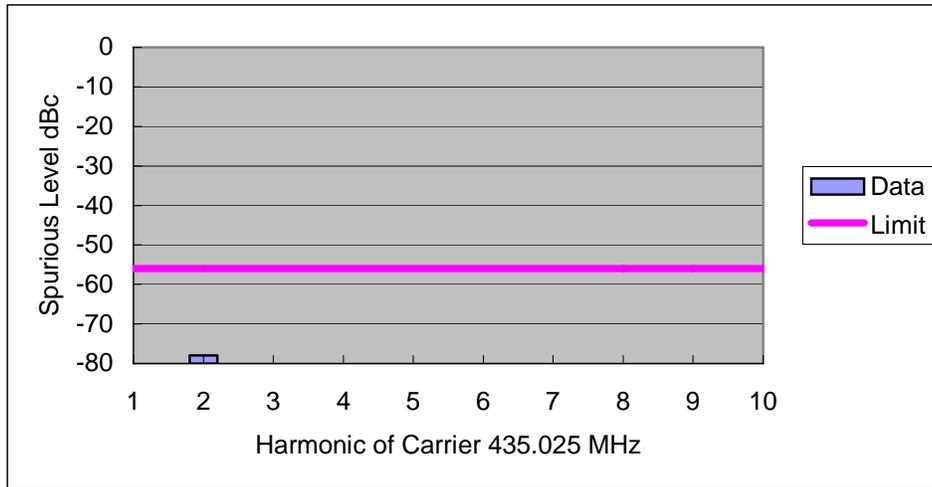


Figure 6F-4: 4 Watt Harmonic of Carrier 435.025 MHz, 12.5 kHz Channel Spacing

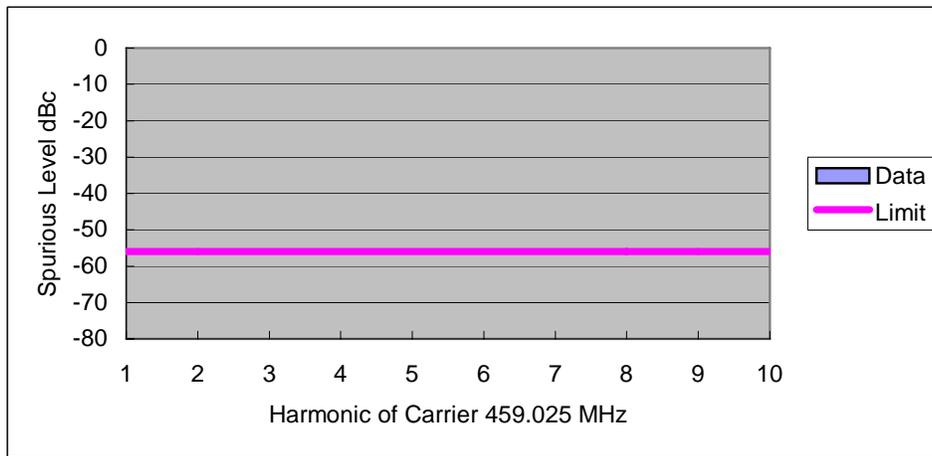


Figure 6F-5: 4 Watt Harmonic of Carrier 457.525 MHz, 12.5 kHz Channel Spacing

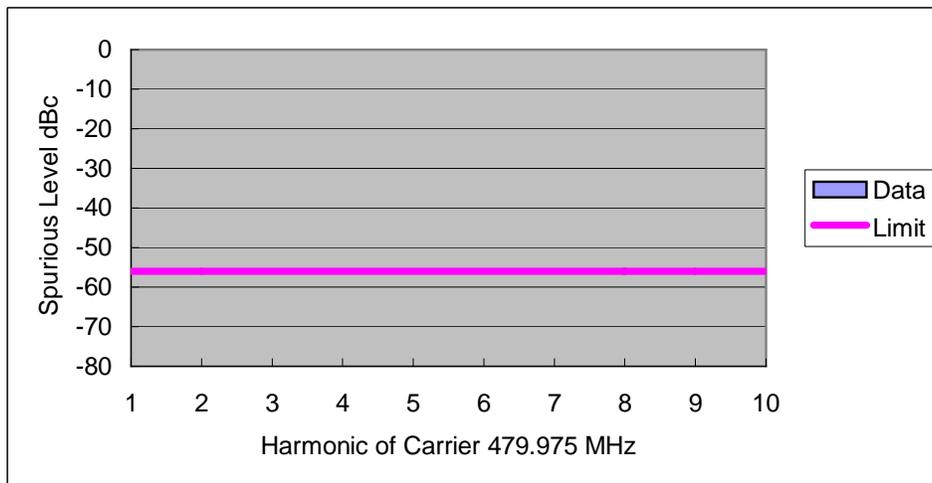


Figure 6F-6: 4 Watt Harmonic of Carrier 479.975 MHz, 12.5 kHz Channel Spacing

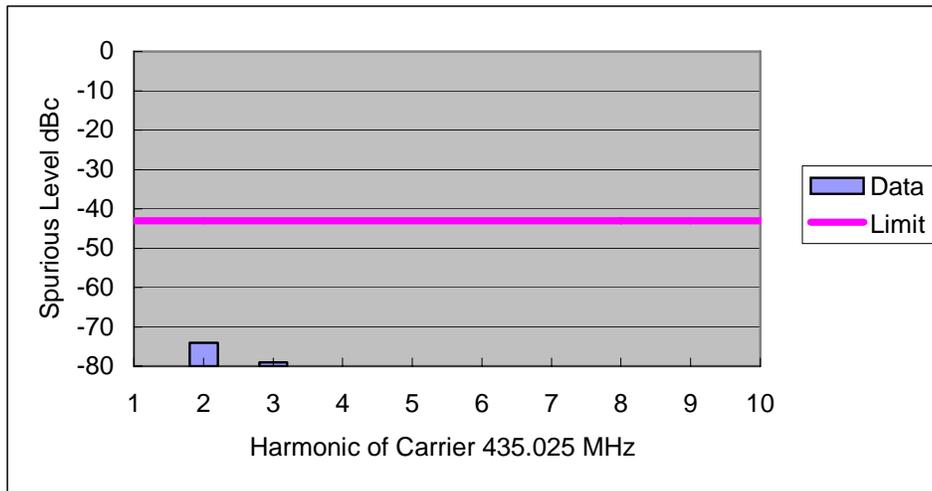


Figure 6F-7: 2 Watt Harmonic of Carrier 435.025 MHz, 25 kHz Channel Spacing

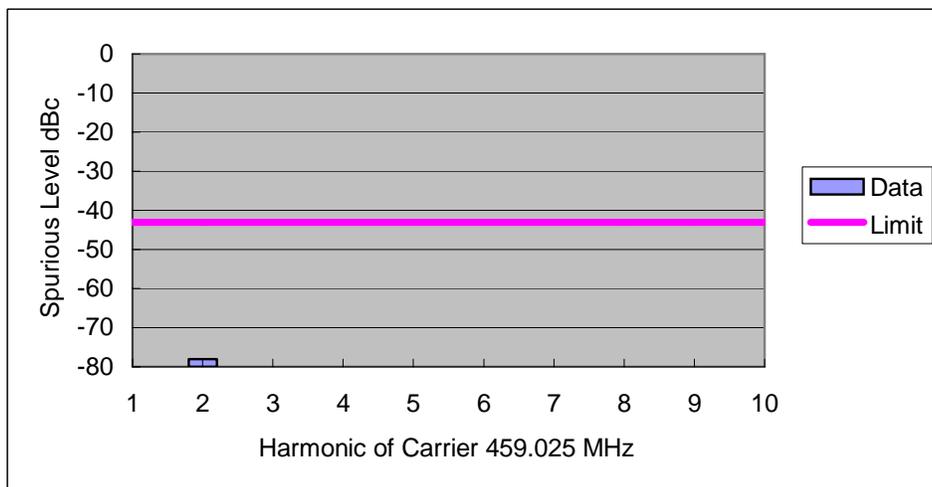


Figure 6F-8: 2 Watt Harmonic of Carrier 457.525 MHz, 25 kHz Channel Spacing

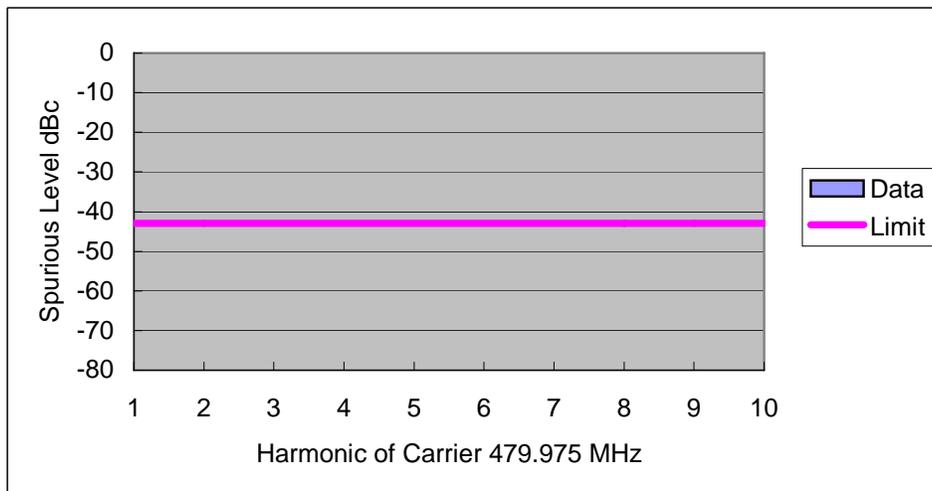


Figure 6F-9: 2 Watt Harmonic of Carrier 479.975 MHz, 25 kHz Channel Spacing

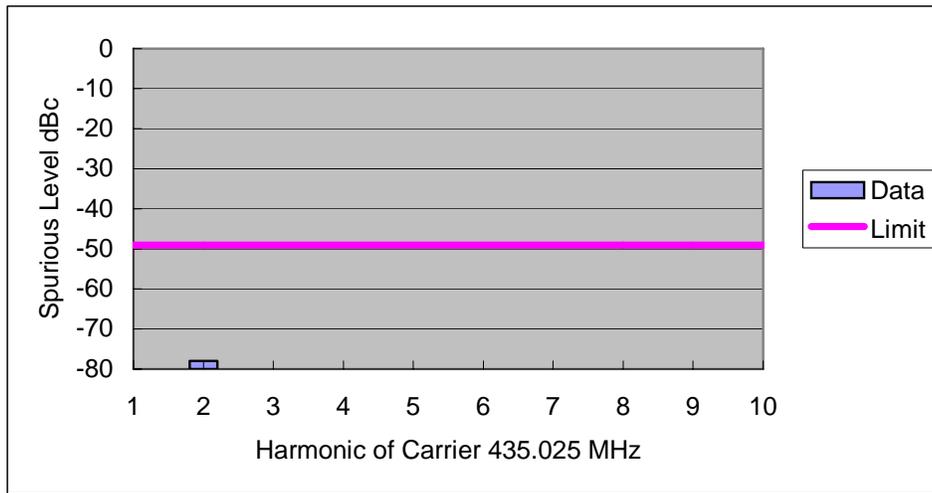


Figure 6F-10: 4 Watt Harmonic of Carrier 435.025 MHz, 25 kHz Channel Spacing

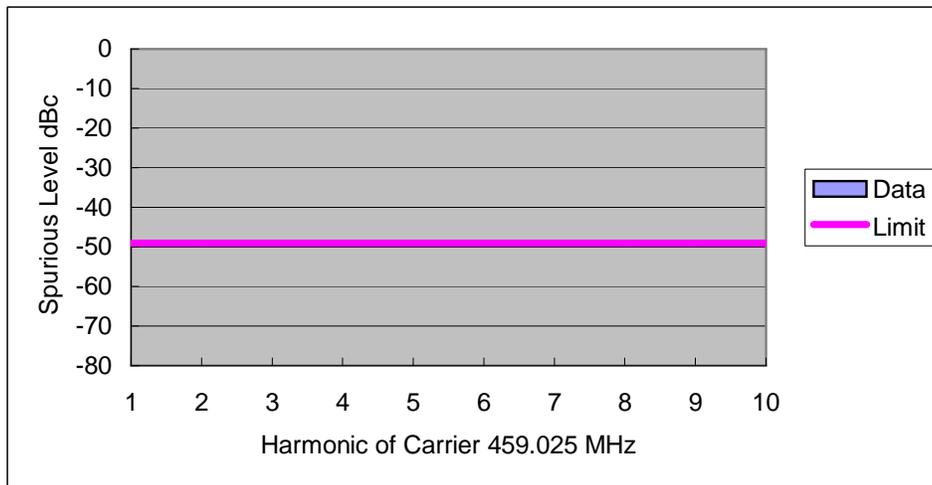


Figure 6F-11: 4 Watt Harmonic of Carrier 457.525 MHz, 25 kHz Channel Spacing



Figure 6F-12: 4 Watt Harmonic of Carrier 479.975 MHz, 25 kHz Channel Spacing