

EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

EXHIBIT 6A – RF Power Output

EXHIBIT 6B – Audio Frequency Response

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6B-2: 25 kHz Channel Spacing, 815.0125 MHz
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6B-6: 25 kHz Channel Spacing, 900.9875 MHz
6B-7: 12.5 kHz Channel Spacing, 935.0125 MHz
6B-8: 25 kHz Channel Spacing, 935.0125 MHz

EXHIBIT 6C – Audio Low Pass Filter Response

6C-1: 12.5 kHz Channel Spacing, 815.0125 MHz
6C-2: 25 kHz Channel Spacing, 815.0125 MHz
6C-3: 12.5 kHz Channel Spacing, 860.0125 MHz
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6C-5: 12.5 kHz Channel Spacing, 900.9875 MHz
6C-6: 25 kHz Channel Spacing, 900.9875 MHz
6C-7: 12.5 kHz Channel Spacing, 935.0125 MHz
6C-8: 25 kHz Channel Spacing, 935.0125 MHz

EXHIBIT 6D – Modulation Limiting

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6D-18: 25 kHz Channel Spacing, 860.0125 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E – Occupied Bandwidth (40 Spectrum Analyzer Plots)

6E-1: 12.5 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 11K0F3E Mask B
6E-2: 12.5 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask B
6E-3: 12.5 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask B
6E-4: 12.5 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 11K0F3E Mask I
6E-5: 12.5 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask I
6E-6: 12.5 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask I
6E-7: 12.5 kHz Channel Spacing, DTMF Modulation Only, 11K0F3E Mask B
6E-8: 12.5 kHz Channel Spacing, DTMF and PL Tone Modulation, 11K0F3E Mask B
6E-9: 12.5 kHz Channel Spacing, DTMF and DPL Tone Modulation, 11K0F3E Mask B
6E-10: 12.5 kHz Channel Spacing, DTMF Modulation Only, 11K0F3E Mask I
6E-11: 12.5 kHz Channel Spacing, DTMF and PL Tone Modulation, 11K0F3E Mask I
6E-12: 12.5 kHz Channel Spacing, DTMF and DPL Tone Modulation, 11K0F3E Mask I
6E-13: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask B
6E-14: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 11K0F3E Mask B
6E-15: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 11K0F3E Mask B
6E-16: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask I
6E-17: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 11K0F3E Mask I
6E-18: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 11K0F3E Mask I
6E-19: 25 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 16K0F3E Mask B
6E-20: 25 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 16K0F3E Mask B
6E-21: 25 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 16K0F3E Mask B
6E-22: 25 kHz Channel Spacing, DTMF Modulation Only, 16K0F3E Mask B
6E-23: 25 kHz Channel Spacing, DTMF and PL Tone Modulation, 16K0F3E Mask B
6E-24: 25 kHz Channel Spacing, DTMF and DPL Tone Modulation, 16K0F3E Mask B
6E-25: 25 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 16K0F3E Mask B
6E-26: 25 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 16K0F3E Mask B
6E-27: 25 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 16K0F3E Mask B
6E-28: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask D
6E-29: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask D
6E-30: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask J
6E-31: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask J
6E-32: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask 24.133
6E-33: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask 24.133
6E-34: APCO25 Digital Data, 8K10F1D Mask D
6E-35: APCO25 Digital Voice, 8K10F1E Mask D
6E-36: APCO25 Digital Data, 8K10F1D Mask J
6E-37: APCO25 Digital Voice, 8K10F1E Mask J
6E-38: 12.5 kHz Channel Spacing 3600baud Trunking, 11K0F1D Mask D
6E-39: 12.5 kHz Channel Spacing 3600baud Trunking, 11K0F1D Mask J
6E-40: 25 kHz Channel Spacing 3600baud Trunking, 16K0F1D Mask G

EXHIBIT 6F – Conducted Spurious Emissions

6F-1: 1 Watt Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing
6F-2: 1 Watt Harmonic of Carrier 815.0125 MHz, 12.5 kHz Channel Spacing
6F-3: 1 Watt Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing
6F-4: 1 Watt Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing
6F-5: 1 Watt Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing
6F-6: 1 Watt Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing
6F-7: 1 Watt Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing
6F-8: 1 Watt Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing
6F-9: 1 Watt Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing
6F-10: 1 Watt Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing

6F-11: 1 Watt Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing
6F-12: 1 Watt Harmonic of Carrier 815.0125 MHz, 25 kHz Channel Spacing
6F-13: 1 Watt Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing
6F-14: 1 Watt Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing
6F-15: 1 Watt Harmonic of Carrier 860.0125 MHz, 25 kHz Channel Spacing
6F-16: 1 Watt Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing
6F-17: 2.65 Watts Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing
6F-18: 2.65 Watts Harmonic of Carrier 815.0125 MHz, 12.5 kHz Channel Spacing
6F-19: 2.65 Watts Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing
6F-20: 2.65 Watts Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing
6F-21: 2.65 Watts Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing
6F-22: 2.65 Watts Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing
6F-23: 2.65 Watts Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing
6F-24: 2.65 Watts Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing
6F-25: 2.65 Watts Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing
6F-26: 2.65 Watts Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing
6F-27: 2.65 Watts Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing
6F-28: 2.65 Watts Harmonic of Carrier 815.0125 MHz, 25 kHz Channel Spacing
6F-29: 2.65 Watts Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing
6F-30: 2.65 Watts Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing
6F-31: 2.65 Watts Harmonic of Carrier 860.0125 MHz, 25 kHz Channel Spacing
6F-32: 2.65 Watts Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6G – Radiated Spurious Emissions

6G-1: 1 Watt, 806.0125 MHz, 12.5 kHz Channel Spacing
6G-2: 1 Watt, 815.0125 MHz, 12.5 kHz Channel Spacing
6G-3: 1 Watt, 823.9875 MHz, 12.5 kHz Channel Spacing
6G-4: 1 Watt, 851.0125 MHz, 12.5 kHz Channel Spacing
6G-5: 1 Watt, 860.0125 MHz, 12.5 kHz Channel Spacing
6G-6: 1 Watt, 868.9875 MHz, 12.5 kHz Channel Spacing
6G-7: 1 Watt, 896.0125 MHz, 12.5 kHz Channel Spacing
6G-8: 1 Watt, 900.9875 MHz, 12.5 kHz Channel Spacing
6G-9: 1 Watt, 935.0125 MHz, 12.5 kHz Channel Spacing
6G-10: 1 Watt, 939.9875 MHz, 12.5 kHz Channel Spacing
6G-11: 1 Watt, 806.0125 MHz, 25 kHz Channel Spacing
6G-12: 1 Watt, 815.0125 MHz, 25 kHz Channel Spacing
6G-13: 1 Watt, 823.9875 MHz, 25 kHz Channel Spacing
6G-14: 1 Watt, 851.0125 MHz, 25 kHz Channel Spacing
6G-15: 1 Watt, 860.0125 MHz, 25 kHz Channel Spacing
6G-16: 1 Watt, 868.9875 MHz, 25 kHz Channel Spacing
6G-17: 2.65 Watts, 806.0125 MHz, 12.5 kHz Channel Spacing
6G-18: 2.65 Watts, 815.0125 MHz, 12.5 kHz Channel Spacing
6G-19: 2.65 Watts, 823.9875 MHz, 12.5 kHz Channel Spacing
6G-20: 2.65 Watts, 851.0125 MHz, 12.5 kHz Channel Spacing
6G-21: 2.65 Watts, 860.0125 MHz, 12.5 kHz Channel Spacing
6G-22: 2.65 Watts, 868.9875 MHz, 12.5 kHz Channel Spacing
6G-23: 2.65 Watts, 896.0125 MHz, 12.5 kHz Channel Spacing
6G-24: 2.65 Watts, 900.9875 MHz, 12.5 kHz Channel Spacing
6G-25: 2.65 Watts, 935.0125 MHz, 12.5 kHz Channel Spacing
6G-26: 2.65 Watts, 939.9875 MHz, 12.5 kHz Channel Spacing
6G-27: 2.65 Watts, 806.0125 MHz, 25 kHz Channel Spacing
6G-28: 2.65 Watts, 815.0125 MHz, 25 kHz Channel Spacing
6G-29: 2.65 Watts, 823.9875 MHz, 25 kHz Channel Spacing
6G-30: 2.65 Watts, 851.0125 MHz, 25 kHz Channel Spacing

6G-31: 2.65 Watts, 860.0125 MHz, 25 kHz Channel Spacing
6G-32: 2.65 Watts, 868.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6H – Frequency Stability

6H-1 – 0.5 ppm Frequency Stability vs. Temperature at 815.0125 MHz
6H-2 – 0.5 ppm Frequency Stability vs. Temperature at 860.0125 MHz
6H-3 – 0.5 ppm Frequency Stability vs. Temperature at 900.9875 MHz
6H-4 – 0.5 ppm Frequency Stability vs. Temperature at 935.0125 MHz

EXHIBIT 6J – Power Line Conducted Spurious Emissions

6J-1: Power Line Conducted Emissions-Line 1
6J-2: Power Line Conducted Emissions-Line 2

EXHIBIT 6A**RF Power - Pursuant 47 CFR. 2.1046(a) and 2.1033(c) 6, 7 & 8**

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device.

At maximum output power setting, Frequency 806.0125 MHz:

Output RF power	2.62 Watts
DC Voltage	7.5 Volts
DC Current	1.33 Amps
DC Input Power	9.975 Watts

At minimum output power setting, Frequency 806.0125 MHz:

Output RF power	1.12 Watts
DC Voltage	7.5 Volts
DC Current	0.88 Amps
DC Input Power	6.6 Watts

At maximum output power setting, Frequency 815.0125 MHz:

Output RF power	2.63 Watts
DC Voltage	7.5 Volts
DC Current	1.29 Amps
DC Input Power	9.675 Watts

At minimum output power setting, Frequency 815.0125 MHz:

Output RF power	1.10 Watts
DC Voltage	7.5 Volts
DC Current	0.86 Amps
DC Input Power	6.45 Watts

At maximum output power setting, Frequency 823.9875 MHz:

Output RF power	2.61 Watts
DC Voltage	7.5 Volts
DC Current	1.28 Amps
DC Input Power	9.6 Watts

At minimum output power setting, Frequency 823.9875 MHz:

Output RF power	1.11 Watts
DC Voltage	7.5 Volts
DC Current	0.84 Amps
DC Input Power	6.3 Watts

At maximum output power setting, Frequency 851.0125 MHz:

Output RF power	2.61 Watts
DC Voltage	7.5 Volts
DC Current	1.25 Amps
DC Input Power	9.375 Watts

At minimum output power setting, Frequency 851.0125 MHz:

Output RF power	1.12 Watts
DC Voltage	7.5 Volts
DC Current	0.80 Amps
DC Input Power	6 Watts

At maximum output power setting, Frequency 860.0125 MHz:

Output RF power	2.62 Watts
DC Voltage	7.5 Volts
DC Current	1.25 Amps
DC Input Power	9.375 Watts

At minimum output power setting, Frequency 860.0125 MHz:

Output RF power	1.12 Watts
DC Voltage	7.5 Volts
DC Current	0.79 Amps
DC Input Power	5.925 Watts

At maximum output power setting, Frequency 868.9875 MHz:

Output RF power	2.61 Watts
DC Voltage	7.5 Volts
DC Current	1.27 Amps
DC Input Power	9.525 Watts

At minimum output power setting, Frequency 868.9875 MHz:

Output RF power	1.12 Watts
DC Voltage	7.5 Volts
DC Current	0.79 Amps
DC Input Power	5.925 Watts

At maximum output power setting, Frequency 896.0125 MHz:

Output RF power	2.60 Watts
DC Voltage	7.5 Volts
DC Current	1.37 Amps
DC Input Power	10.275 Watts

At minimum output power setting, Frequency 896.0125 MHz:

Output RF power	1.12 Watts
DC Voltage	7.5 Volts
DC Current	0.80 Amps
DC Input Power	6 Watts

At maximum output power setting, Frequency 900.9875 MHz:

Output RF power	2.61 Watts
DC Voltage	7.5 Volts
DC Current	1.40 Amps
DC Input Power	10.5 Watts

At minimum output power setting, Frequency 900.9875 MHz:

Output RF power	1.12 Watts
DC Voltage	7.5 Volts
DC Current	0.81 Amps
DC Input Power	6.075 Watts

At maximum output power setting, Frequency 935.0125 MHz:

Output RF power	2.61 Watts
DC Voltage	7.5 Volts
DC Current	1.51 Amps
DC Input Power	11.325 Watts

At minimum output power setting, Frequency 935.0125 MHz:

Output RF power	1.11 Watts
DC Voltage	7.5 Volts
DC Current	0.83 Amps
DC Input Power	6.225 Watts

At maximum output power setting, Frequency 939.9875 MHz:

Output RF power	2.61 Watts
DC Voltage	7.5 Volts
DC Current	1.53 Amps
DC Input Power	11.475 Watts

At minimum output power setting, Frequency 939.9875 MHz:

Output RF power	1.11 Watts
DC Voltage	7.5 Volts
DC Current	0.84 Amps
DC Input Power	6.3 Watts

EXHIBIT 6B

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

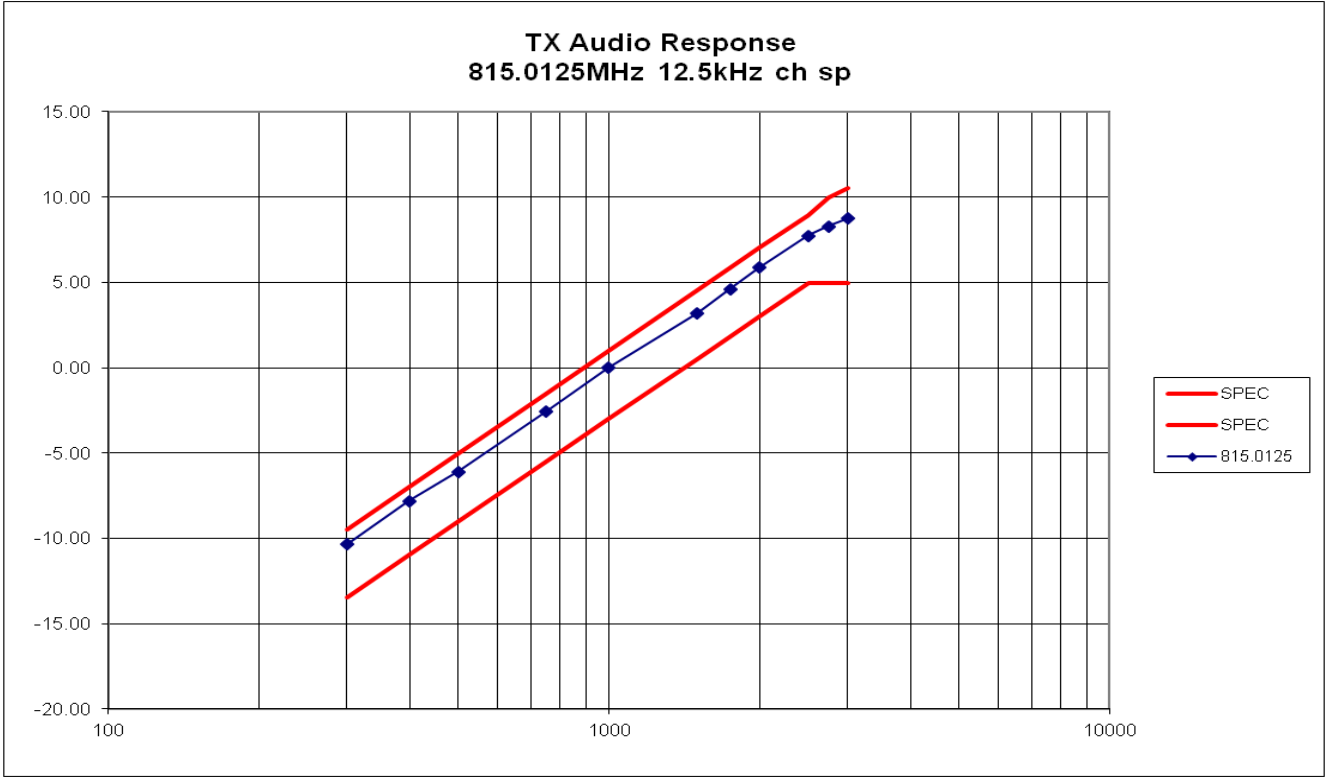


Figure 6B-1: 12.5 kHz Channel Spacing, 815.0125 MHz, Transmit Audio Frequency Response

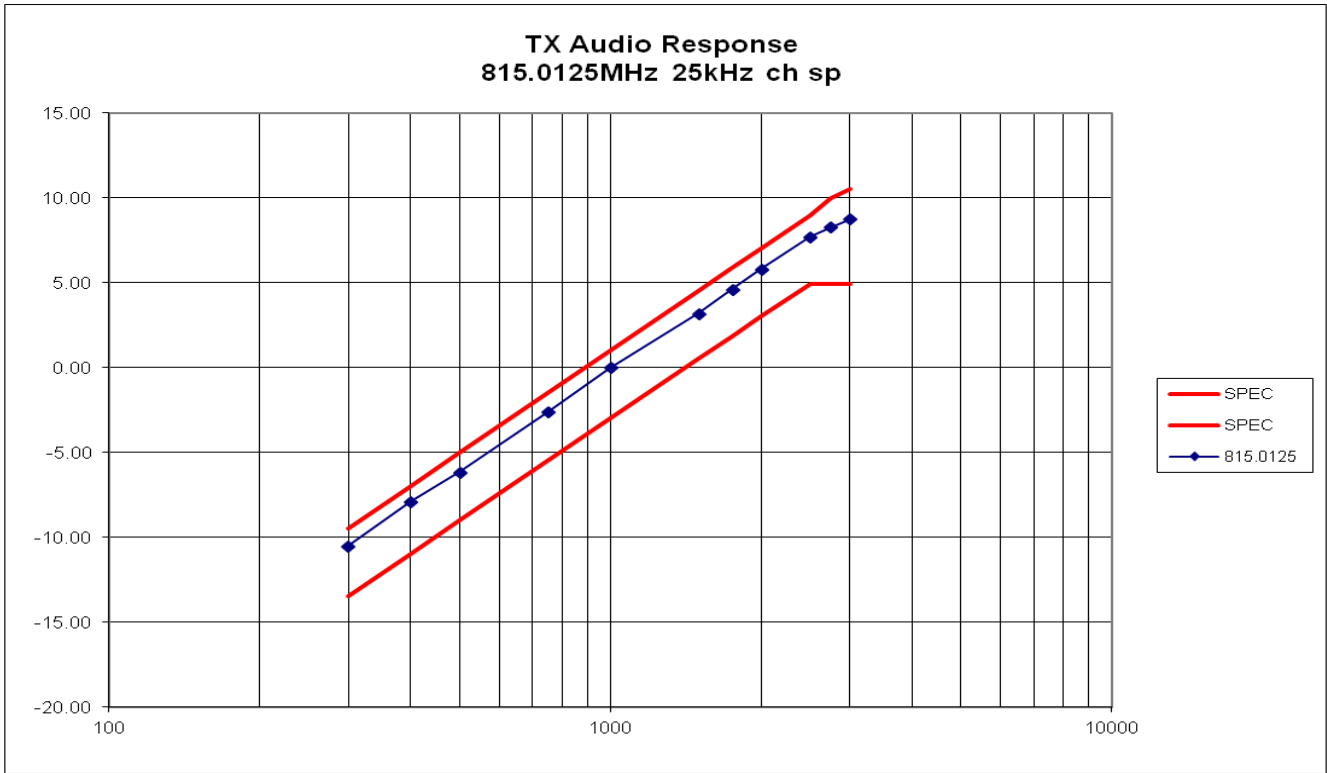


Figure 6B-2: 25 kHz Channel Spacing, 815.0125 MHz (Not for FCC Review)

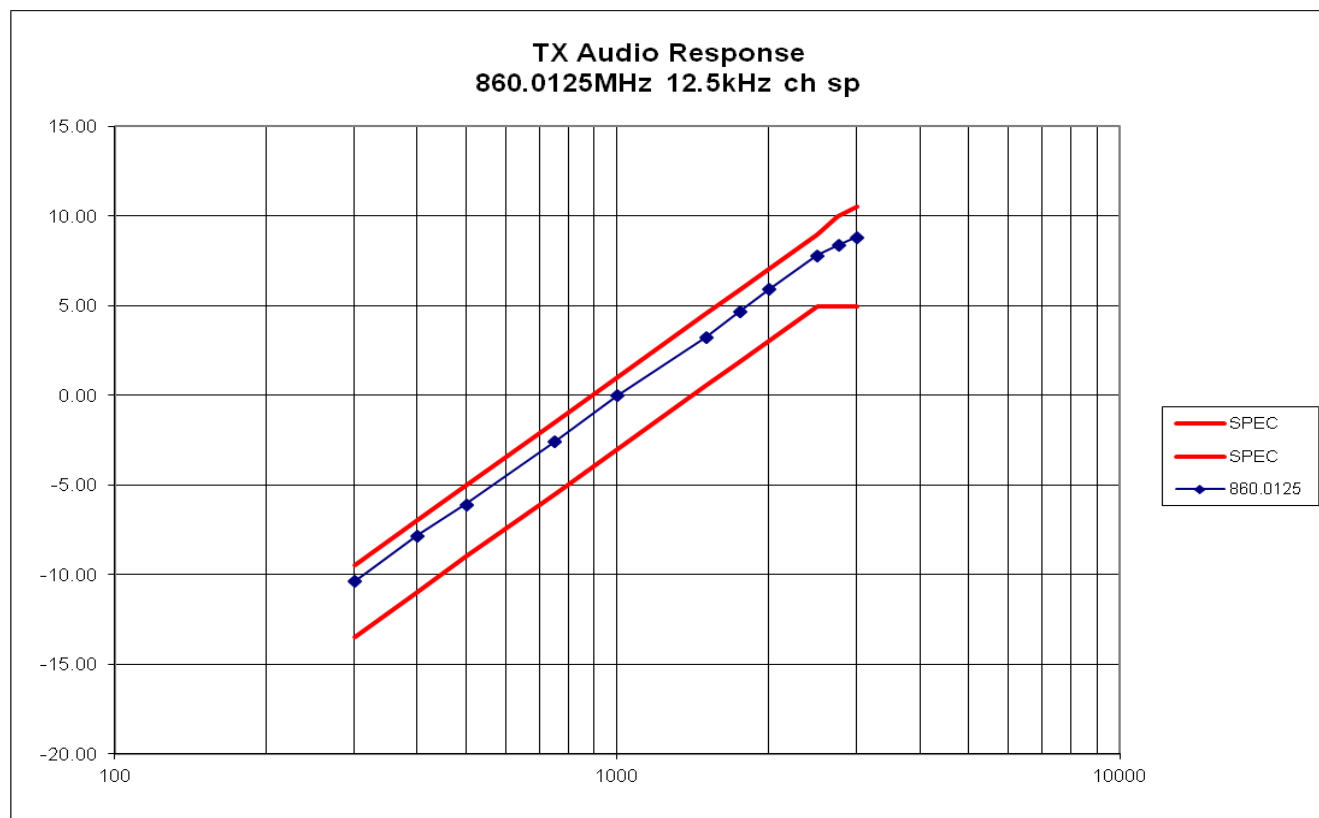


Figure 6B-3: 12.5 kHz Channel Spacing, 860.0125 MHz, Transmit Audio Frequency Response

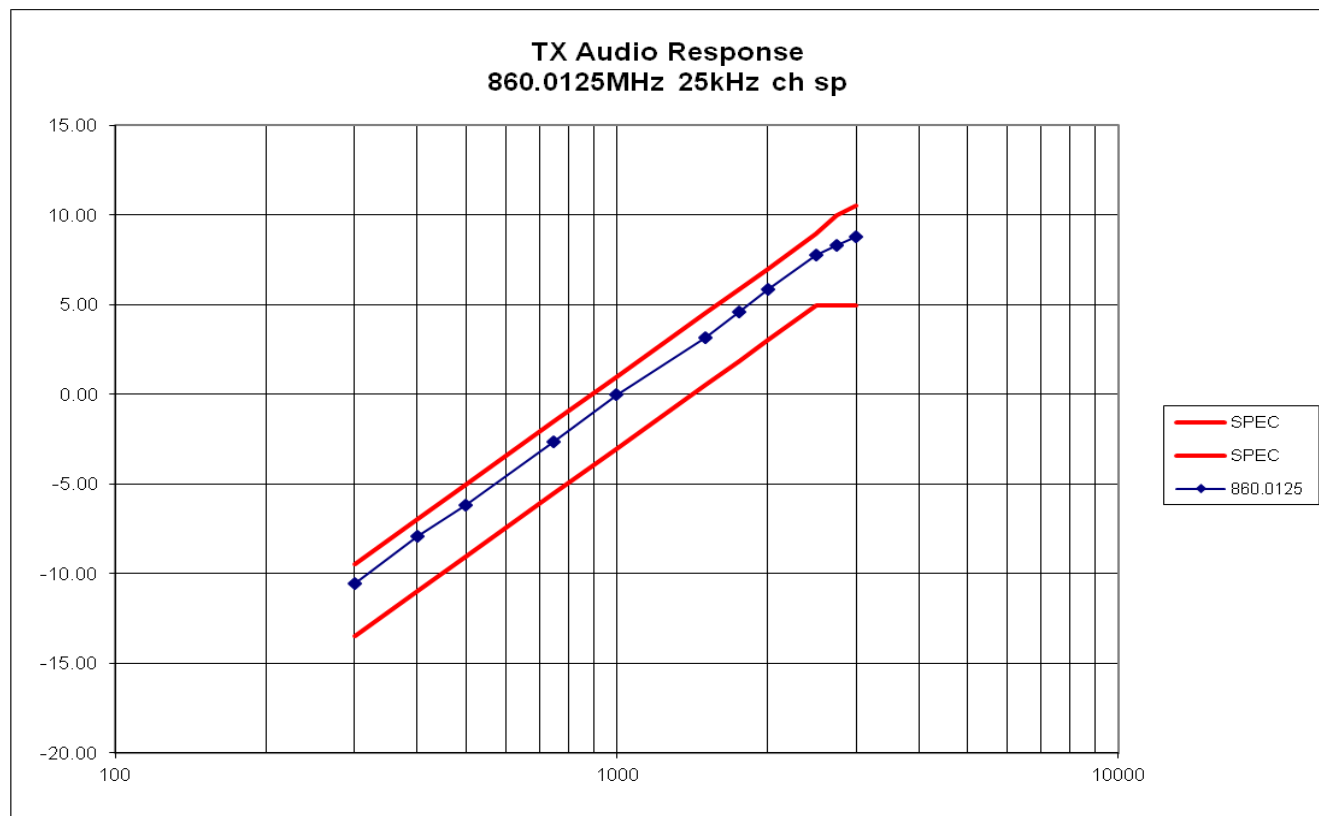


Figure 6B-4: 25 kHz Channel Spacing, 860.0125 MHz(Not for FCC Review)

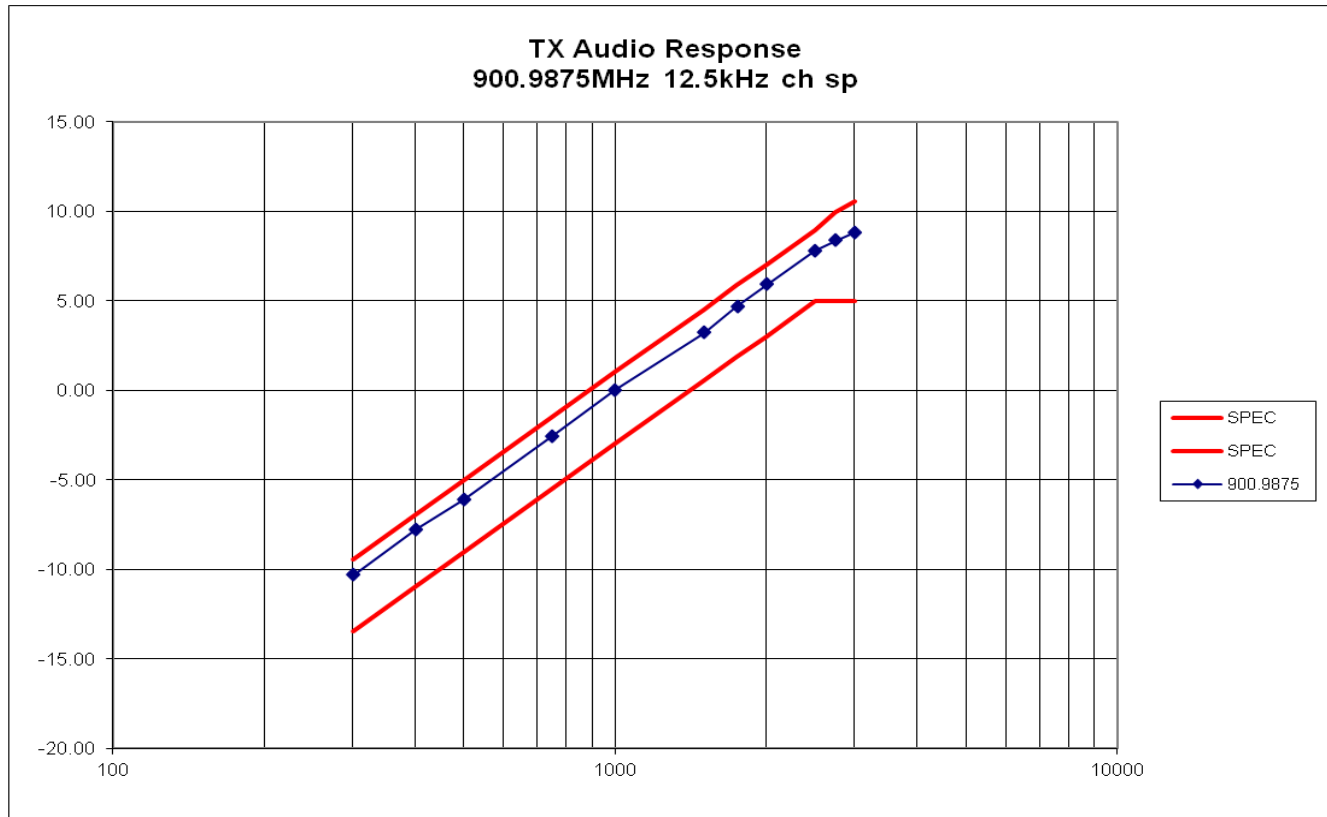


Figure 6B-5: 12.5 kHz Channel Spacing, 900.9875 MHz, Transmit Audio Frequency Response

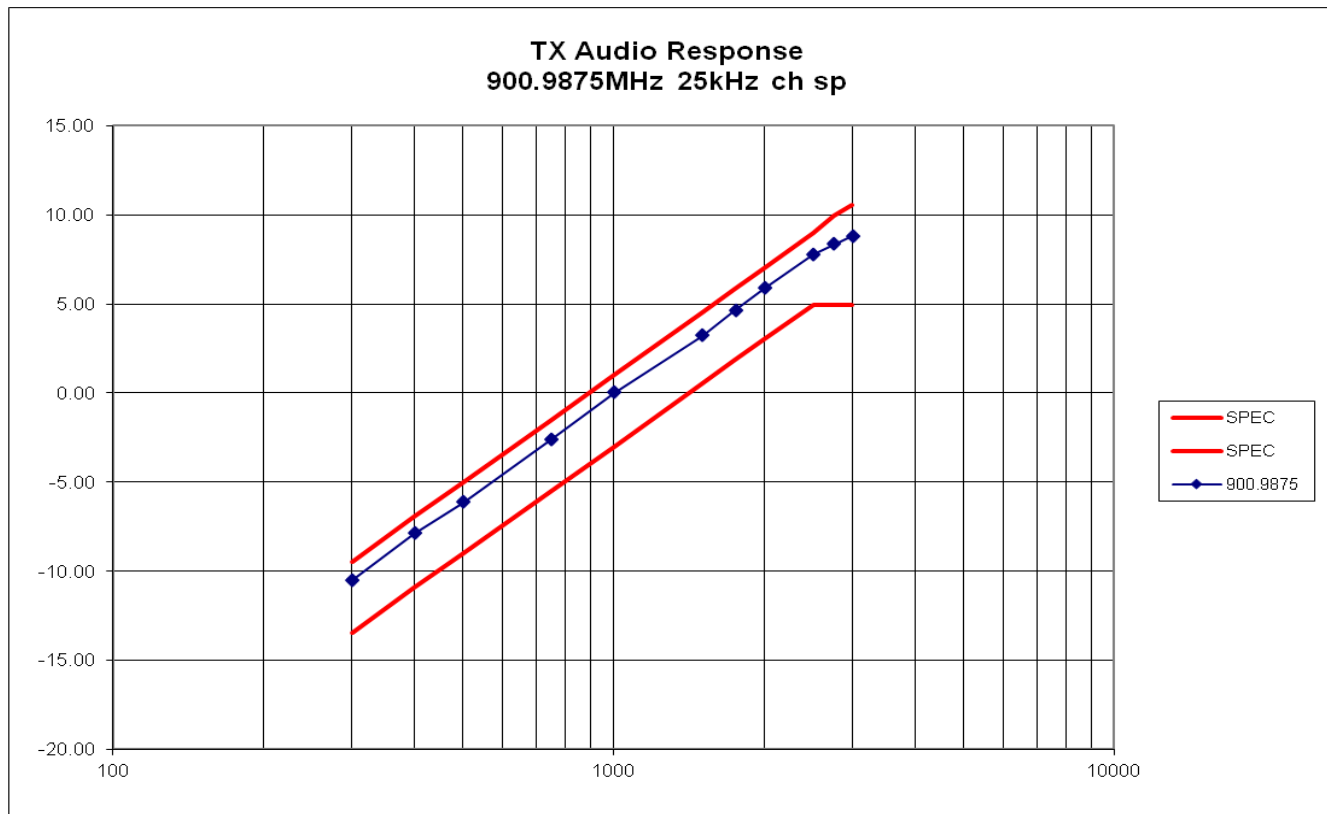


Figure 6B-6: 25 kHz Channel Spacing, 900.9875 MHz, (Not for FCC Review)

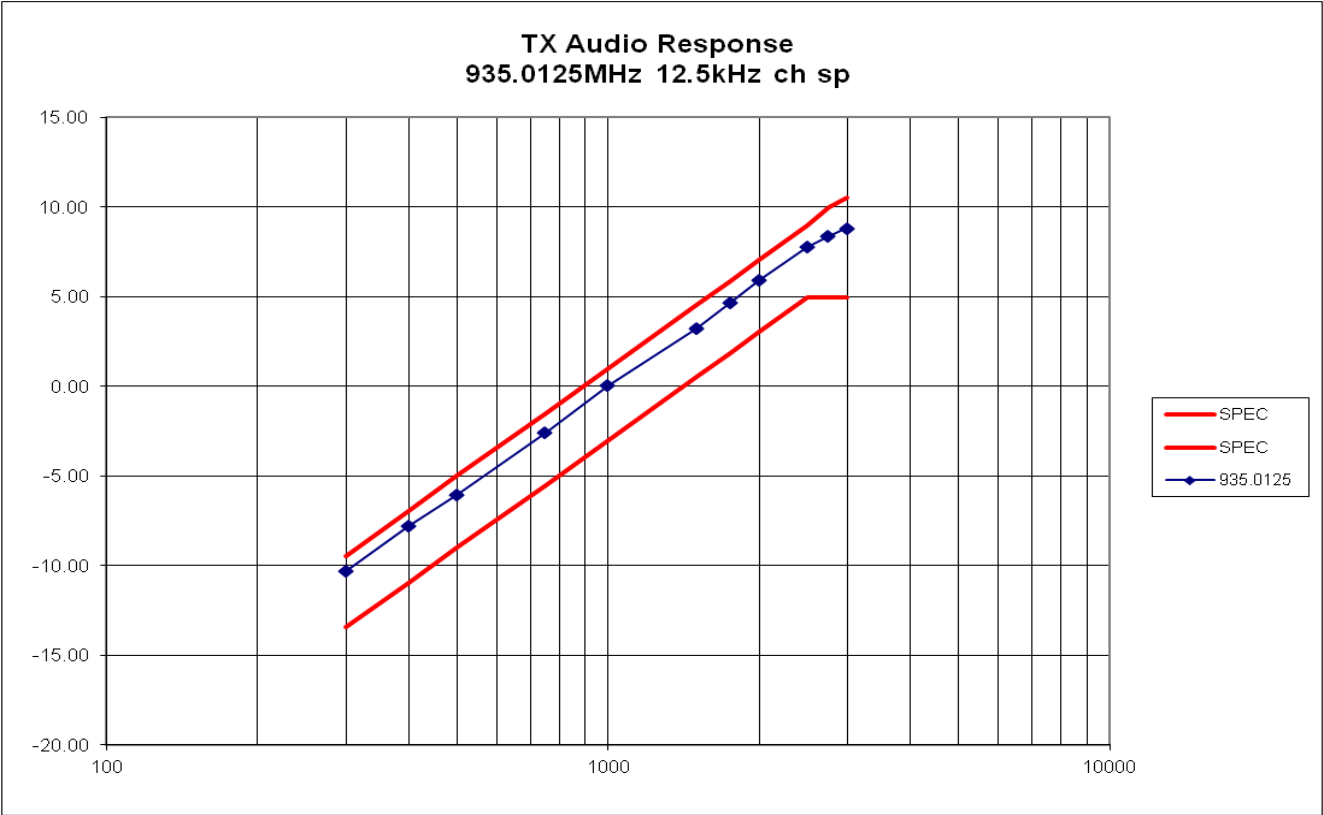


Figure 6B-7: 12.5 kHz Channel Spacing, 935.0125 MHz, Transmit Audio Frequency Response

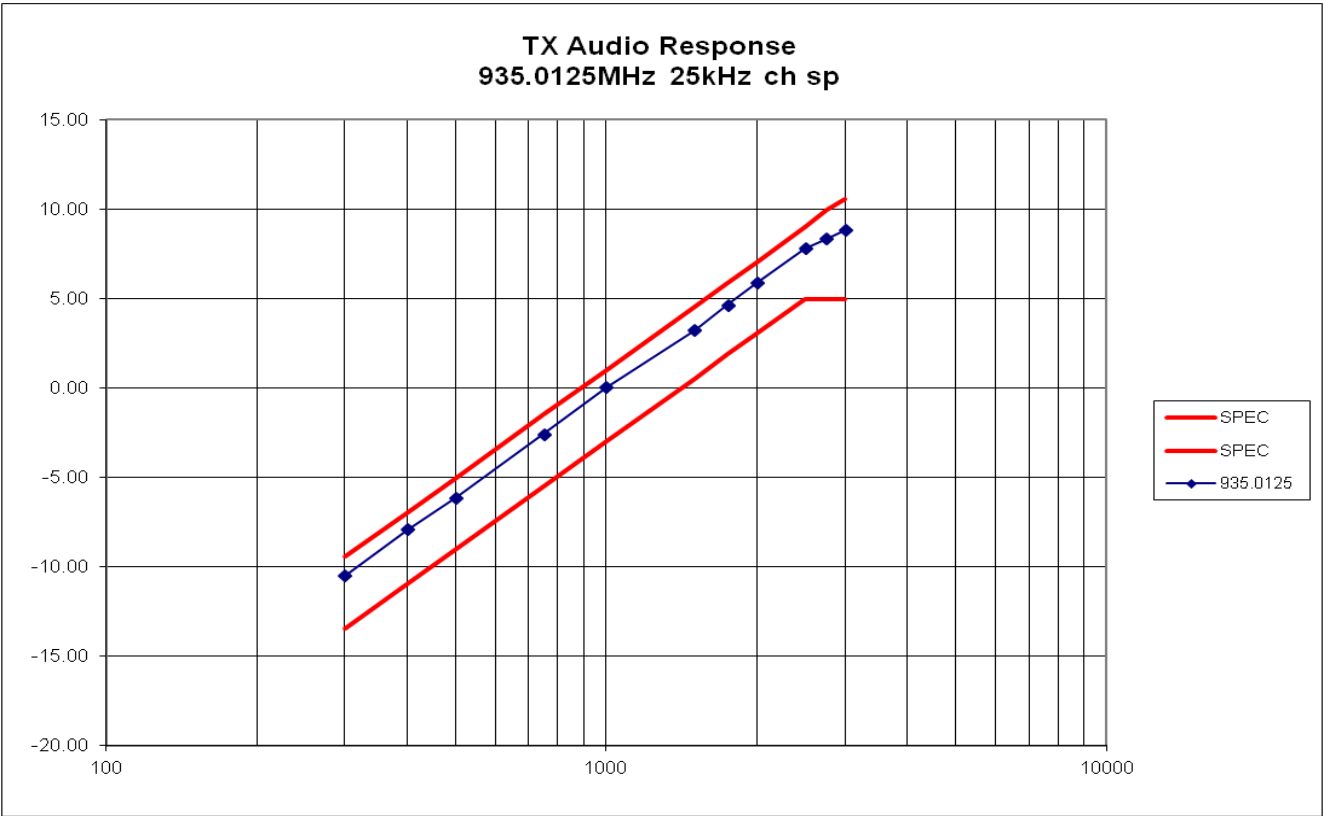


Figure 6B-8: 25 kHz Channel Spacing, 935.0125 MHz, (Not for FCC Review)

EXHIBIT 6C

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

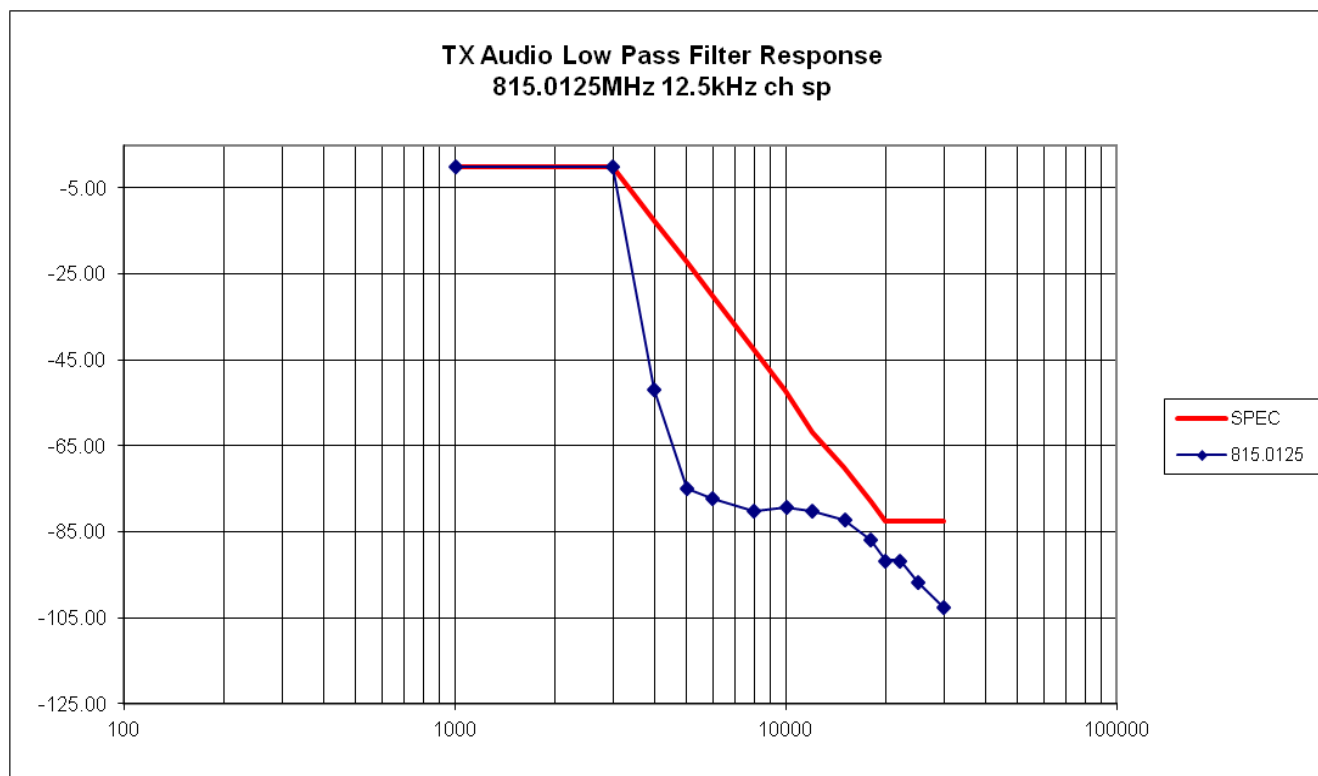


Figure 6C-1: 12.5 kHz Channel Spacing, 815.0125 MHz, Transmit Audio Low Pass Filter Response

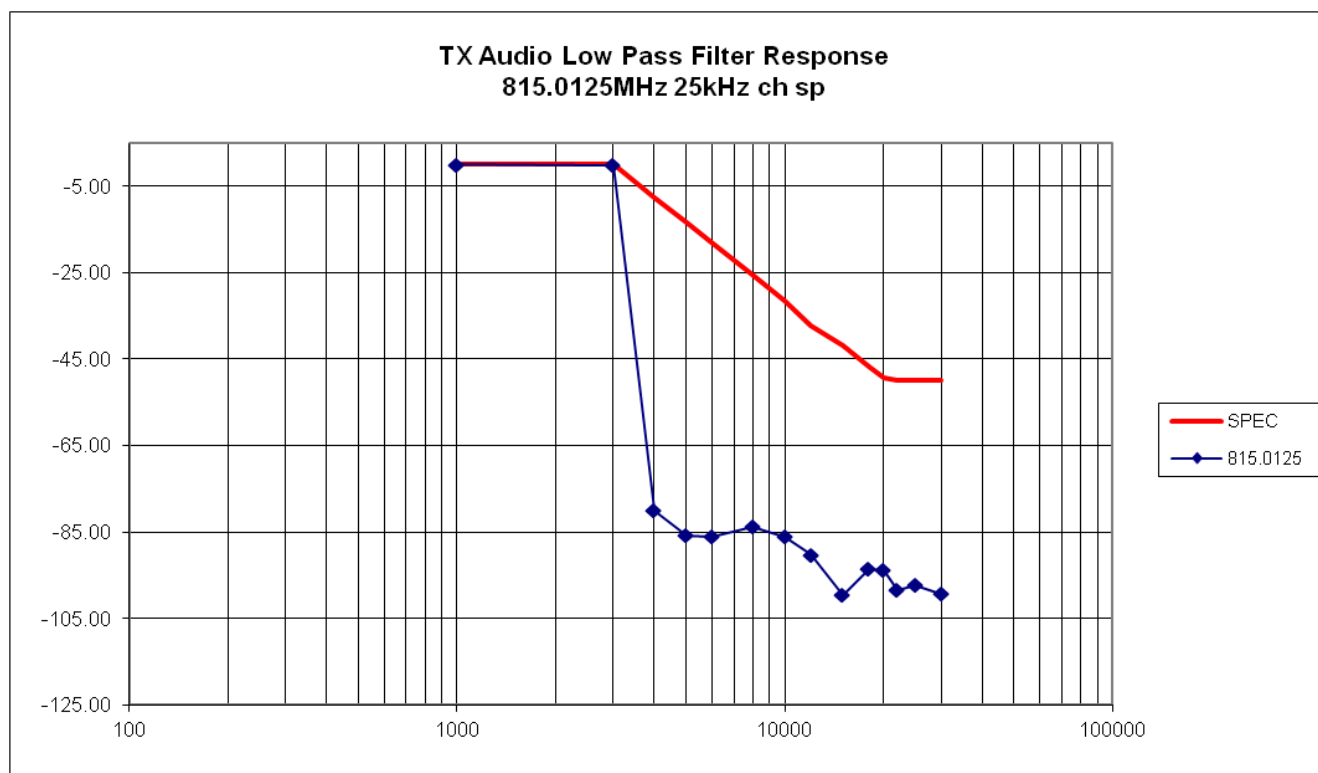


Figure 6C-2: 25 kHz Channel Spacing, 815.0125 MHz, (Not for FCC Review)

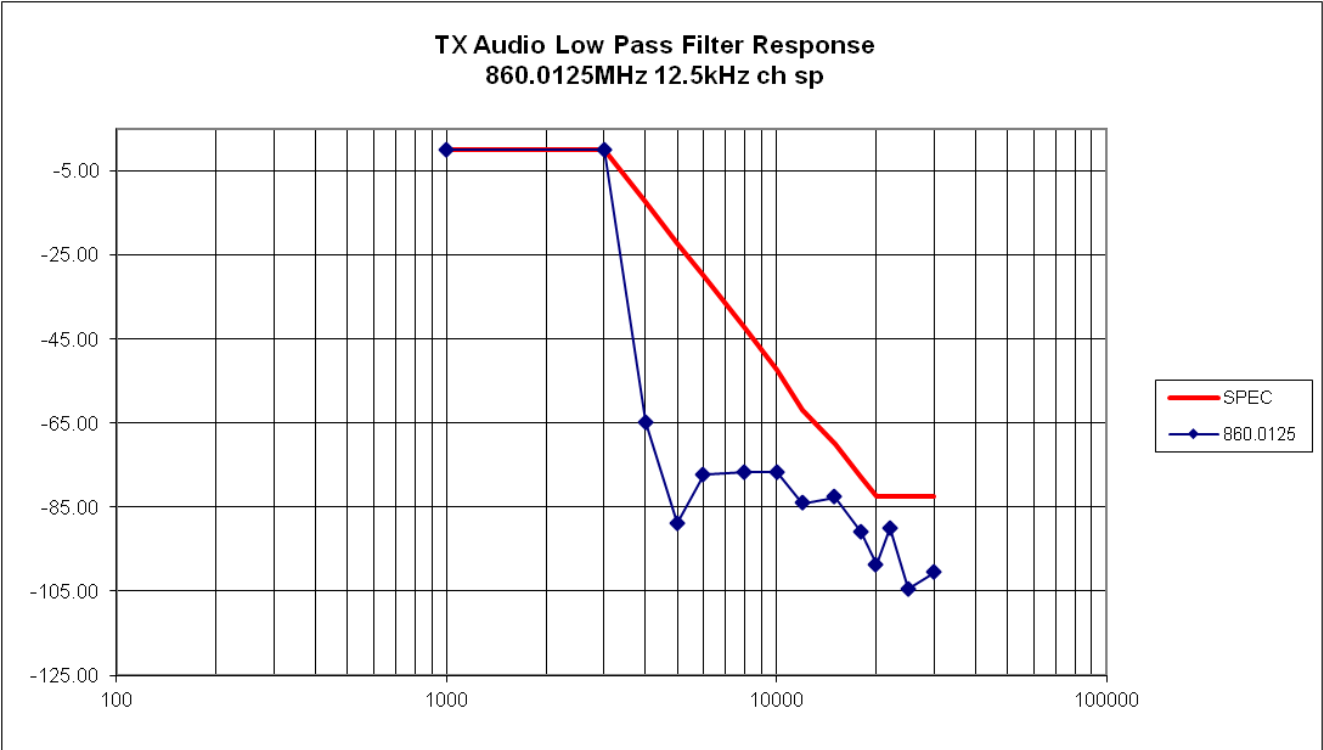


Figure 6C-3: 12.5 kHz Channel Spacing, 860.0125 MHz, Transmit Audio Low Pass Filter Response

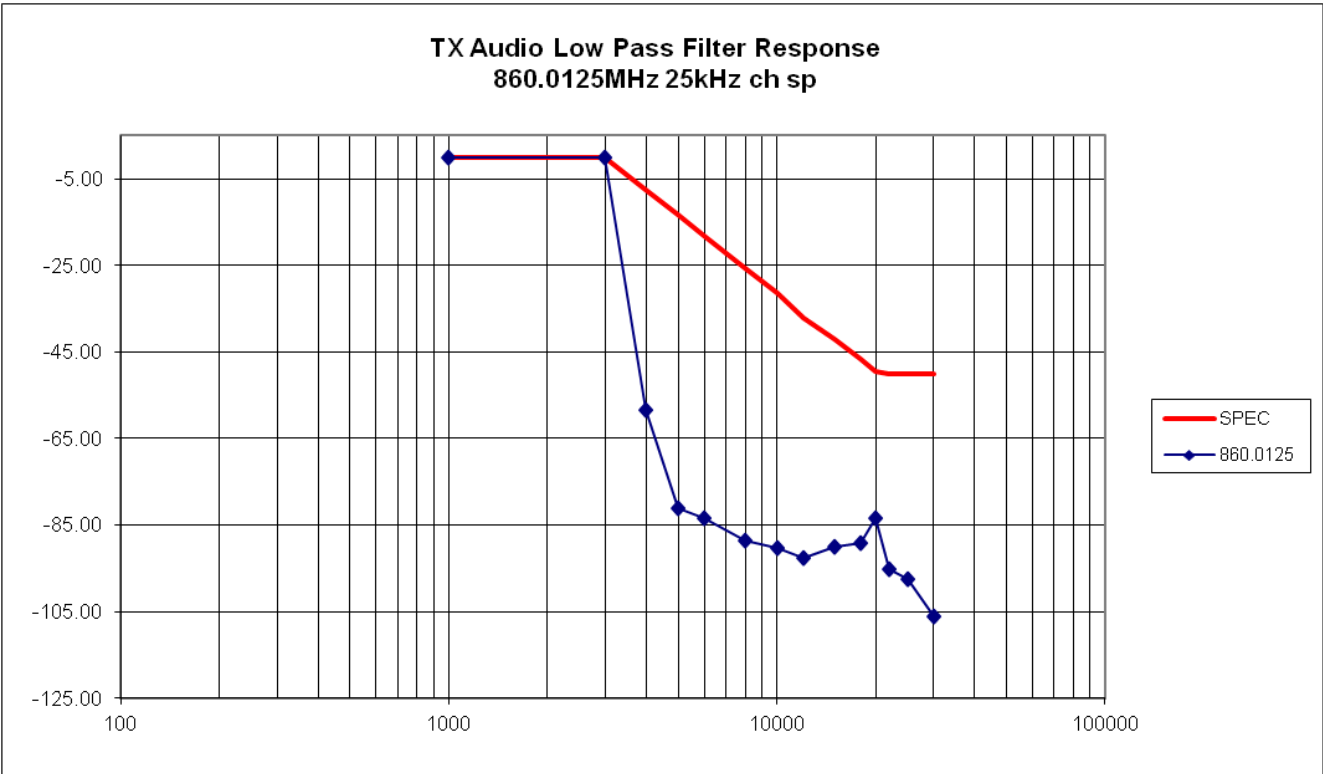


Figure 6C-4 25 kHz Channel Spacing, 860.0125 MHz, (Not for FCC Review)



Figure 6C-5: 12.5 kHz Channel Spacing, 900.9875 MHz, Transmit Audio Low Pass Filter Response

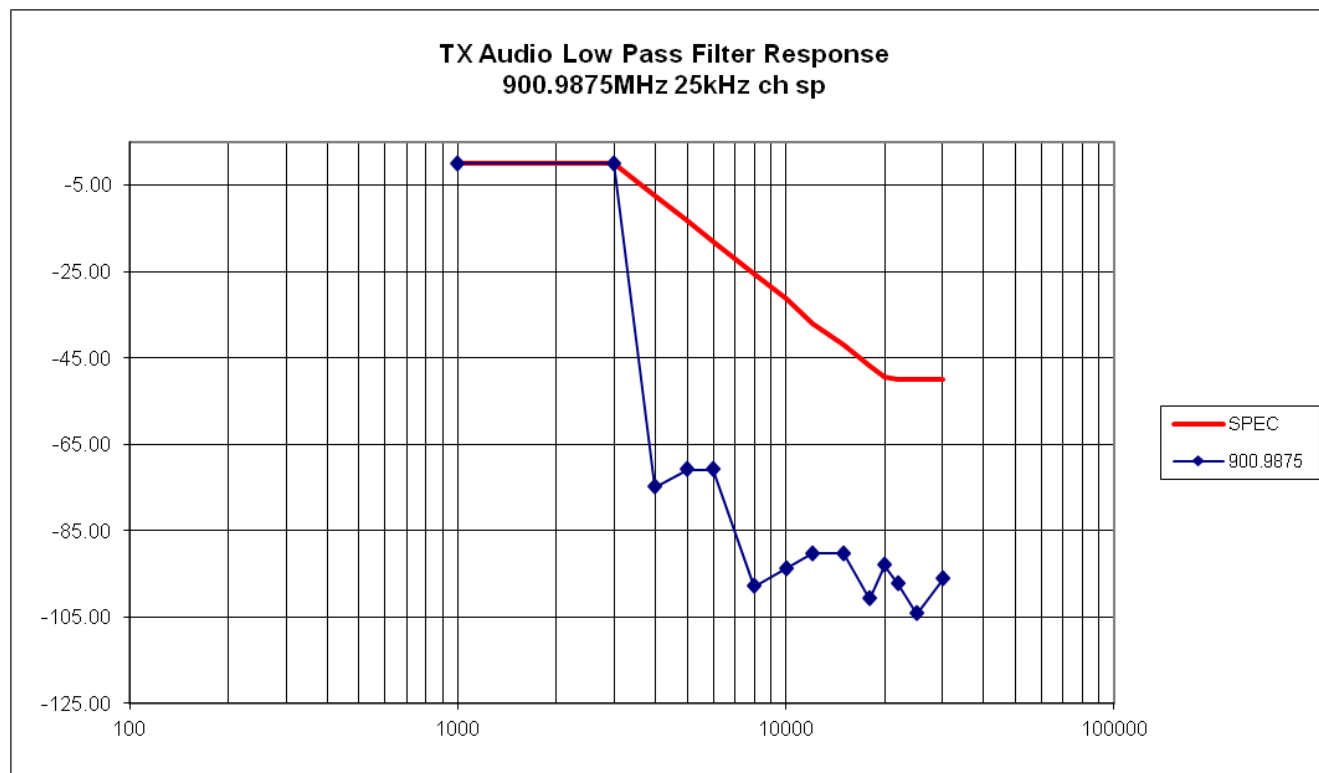


Figure 6C-6: 25 kHz Channel Spacing, 900.9875 MHz, (Not for FCC Review)

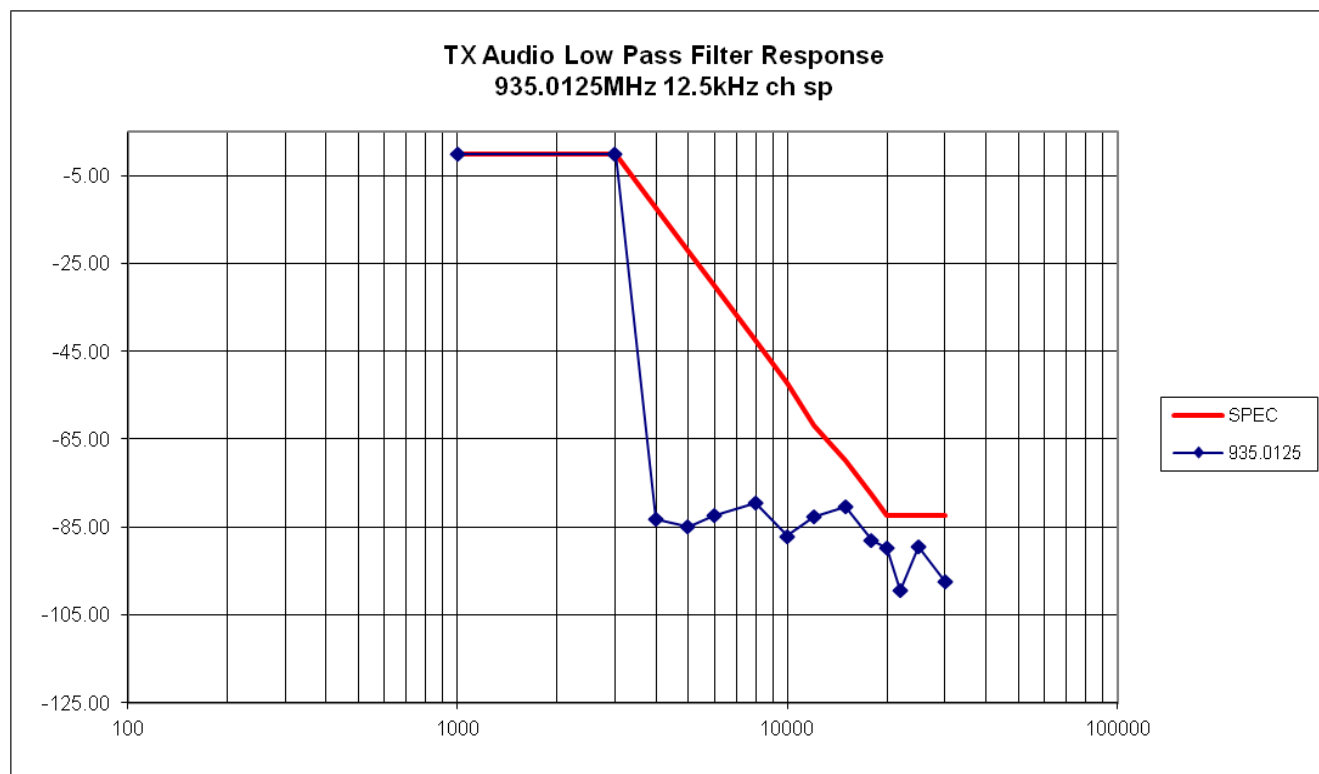


Figure 6C-7: 12.5 kHz Channel Spacing, 935.0125 MHz, Transmit Audio Low Pass Filter Response

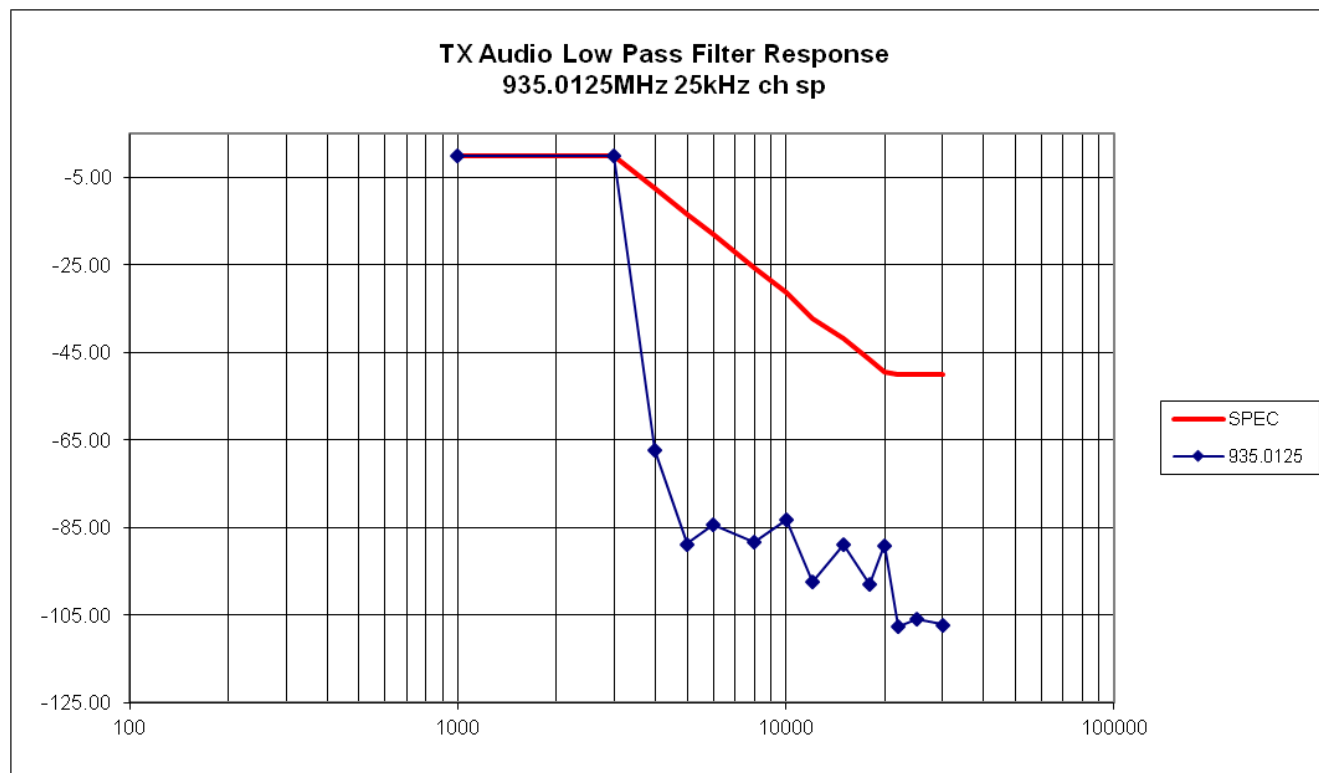


Figure 6C-8: 25 kHz Channel Spacing, 935.0125 MHz, (Not for FCC Review)

EXHIBIT 6D

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

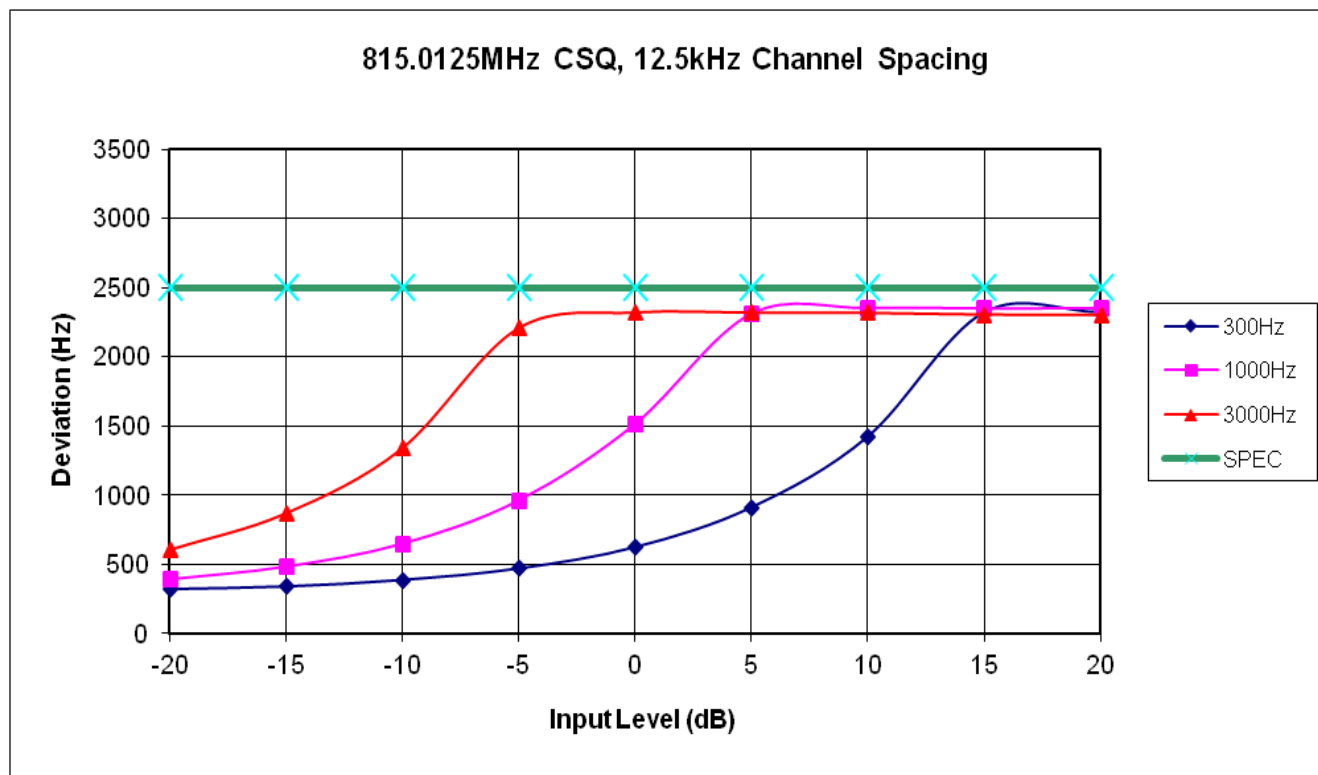


Figure 6D-1: 12.5 kHz Channel Spacing, 815.0125 MHz, Carrier Squelch (CSQ) Mode

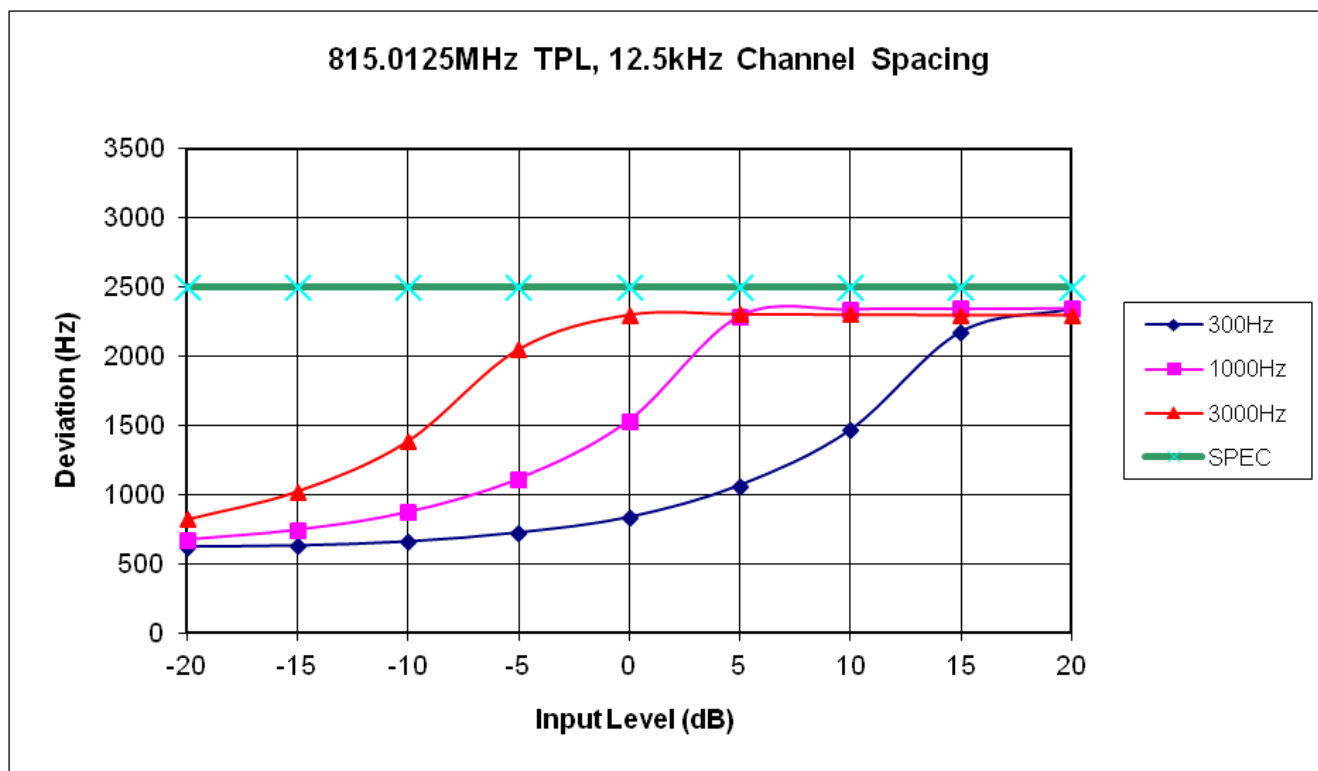


Figure 6D-2: 12.5 kHz Channel Spacing, 815.0125 MHz TPL, Tone Private Line (TPL) Mode

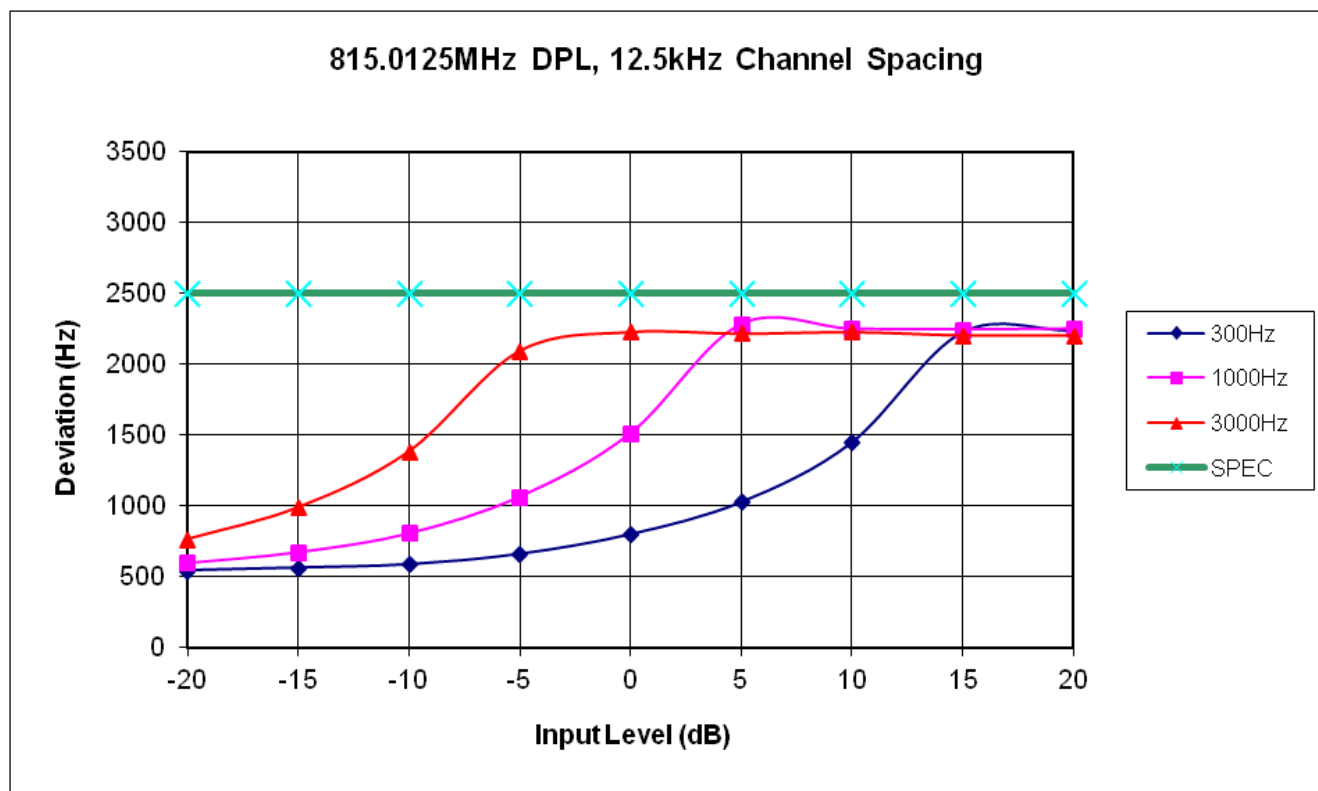


Figure 6D-3: 12.5 kHz Channel Spacing, 815.0125 MHz, Digital Private Line (DPL) Mode

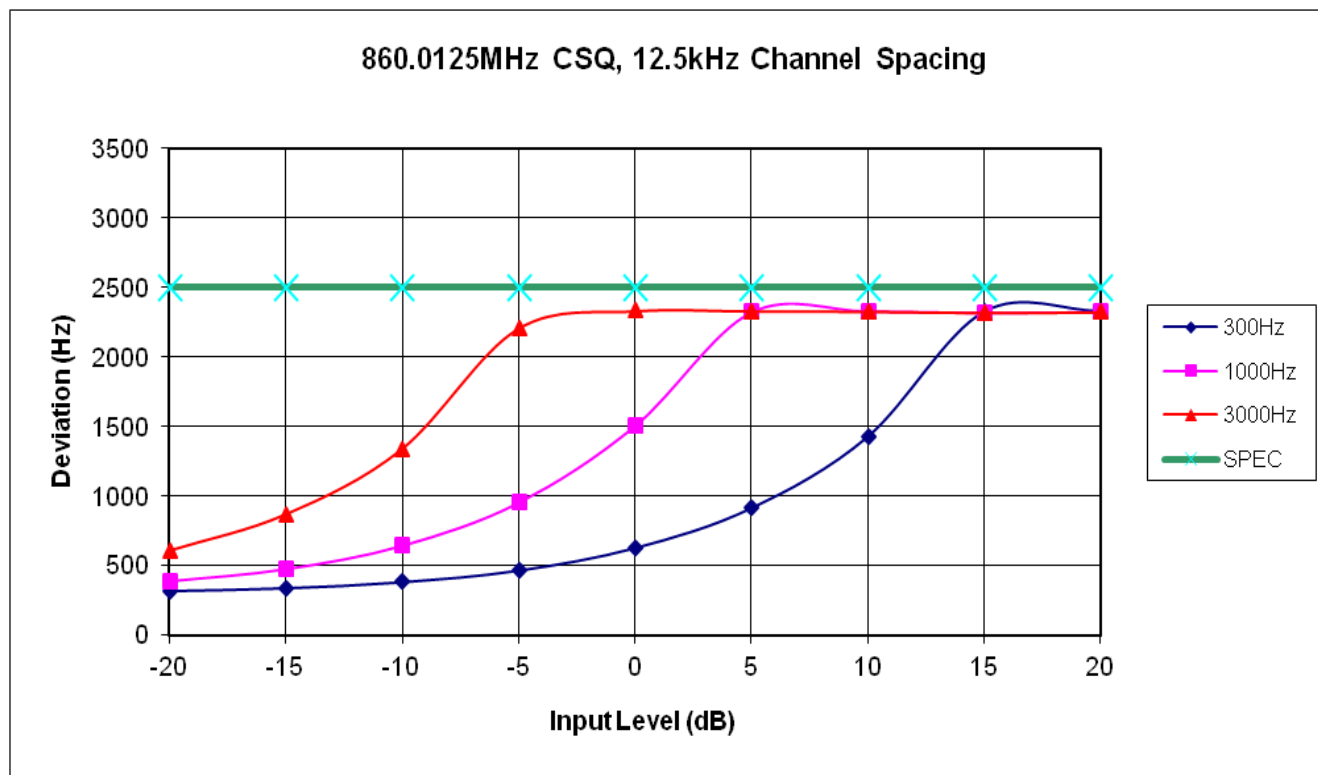


Figure 6D-4: 12.5 kHz Channel Spacing, 860.0125 MHz, Carrier Squelch (CSQ) Mode

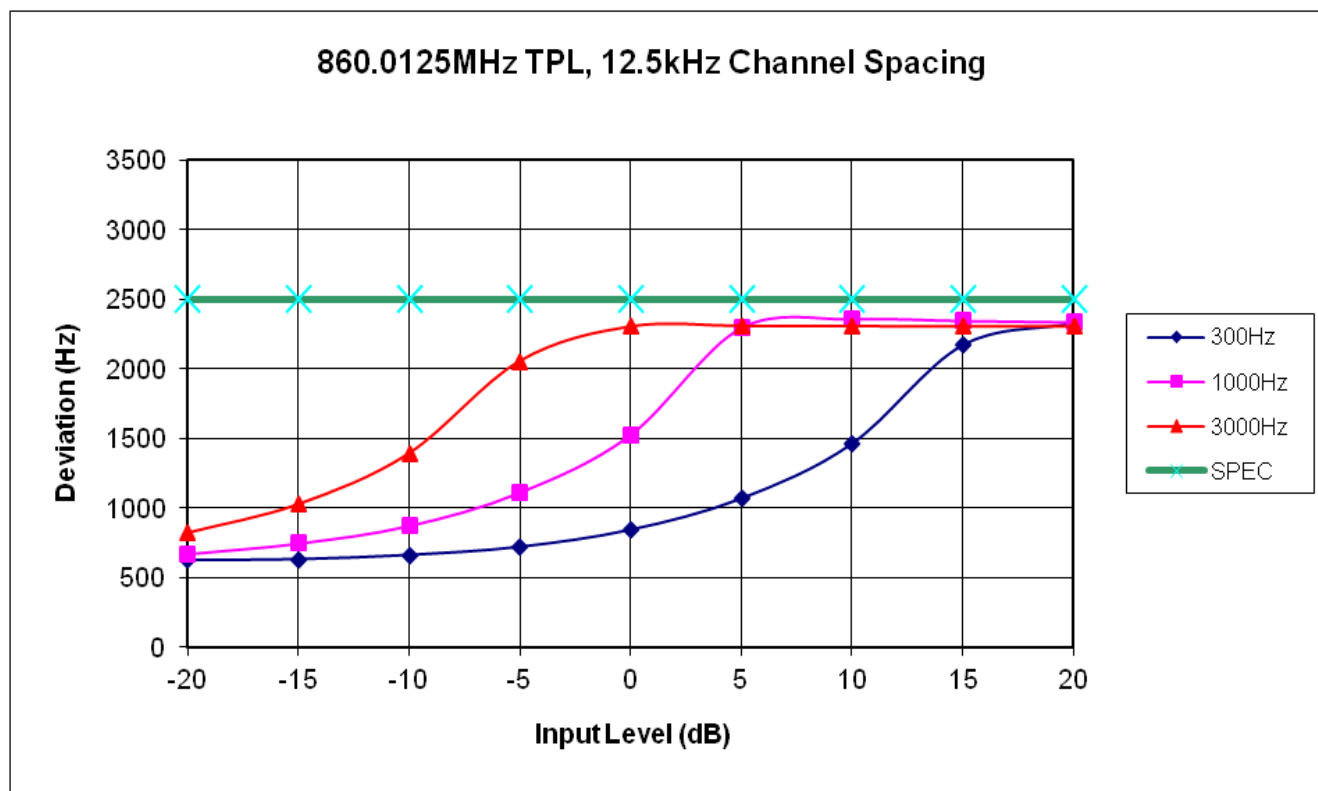


Figure 6D-5: 12.5 kHz Channel Spacing, 860.0125 MHz, Tone Private Line (TPL) Mode

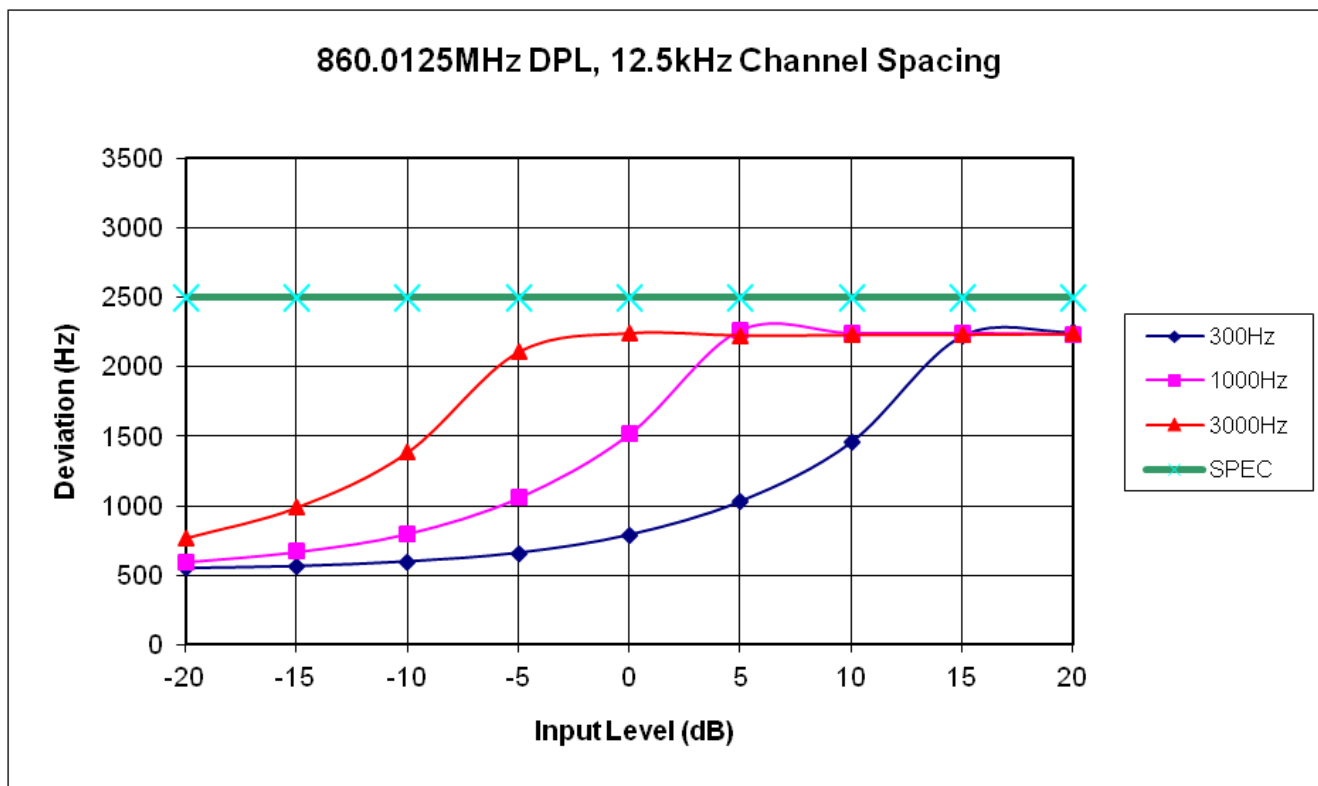


Figure 6D-6: 12.5 kHz Channel Spacing, 860.0125 MHz, Digital Private Line (DPL) Mode

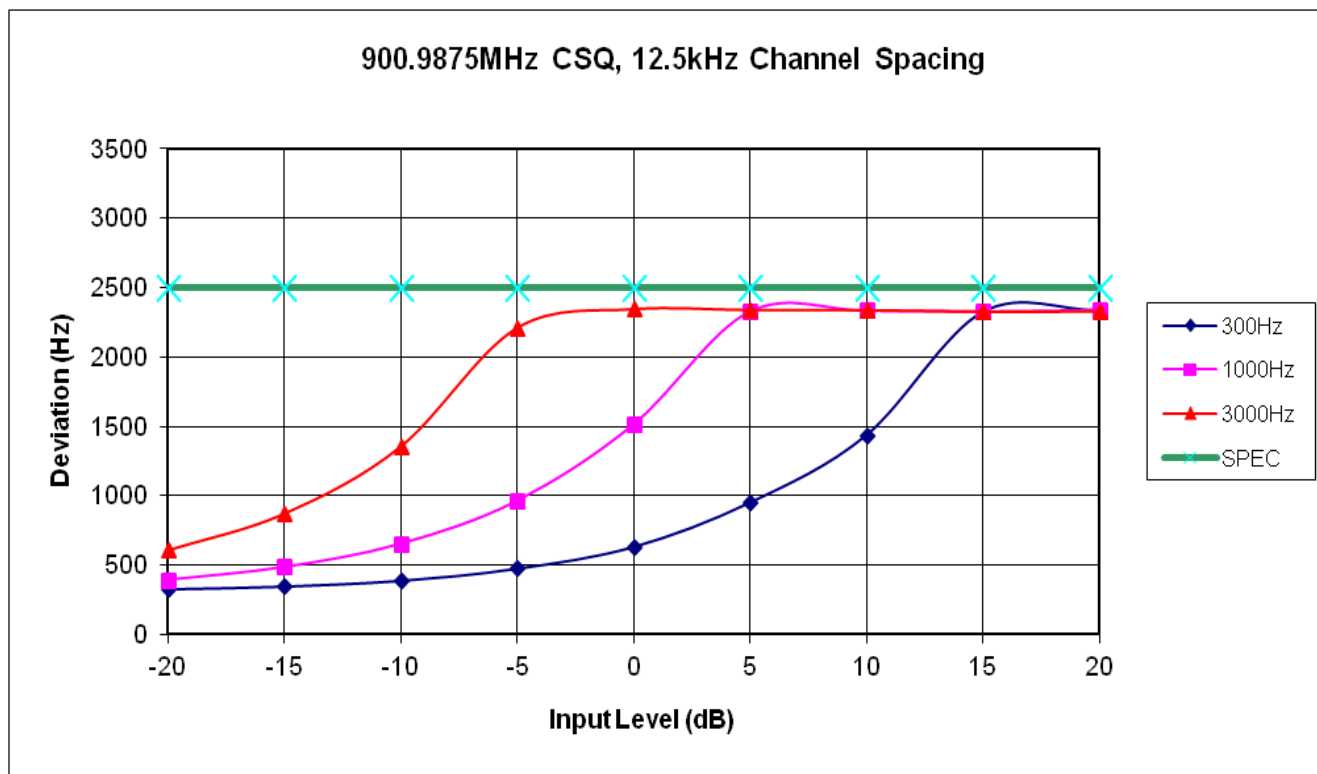


Figure 6D-7: 12.5 kHz Channel Spacing, 900.9875 MHz, Carrier Squelch (CSQ) Mode

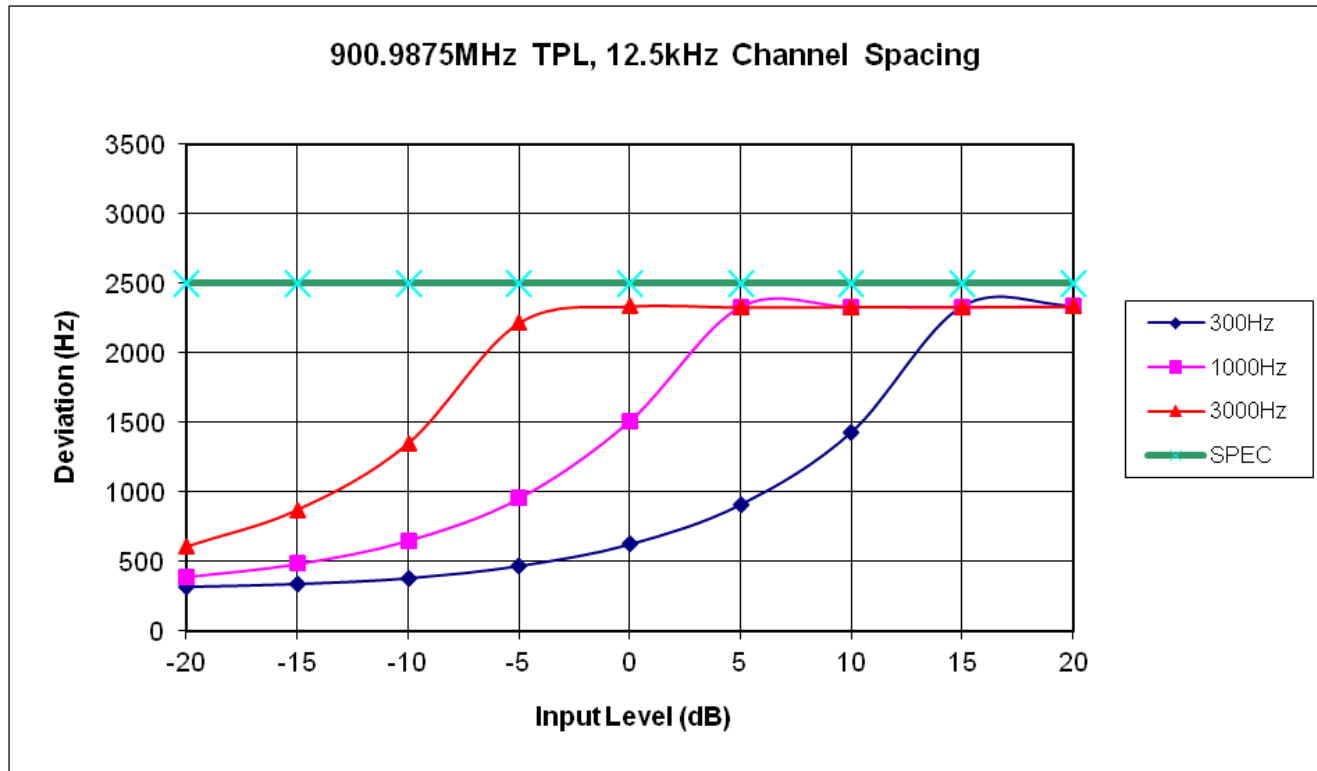


Figure 6D-8: 12.5 kHz Channel Spacing, 900.9875 MHz, Tone Private Line (TPL) Mode

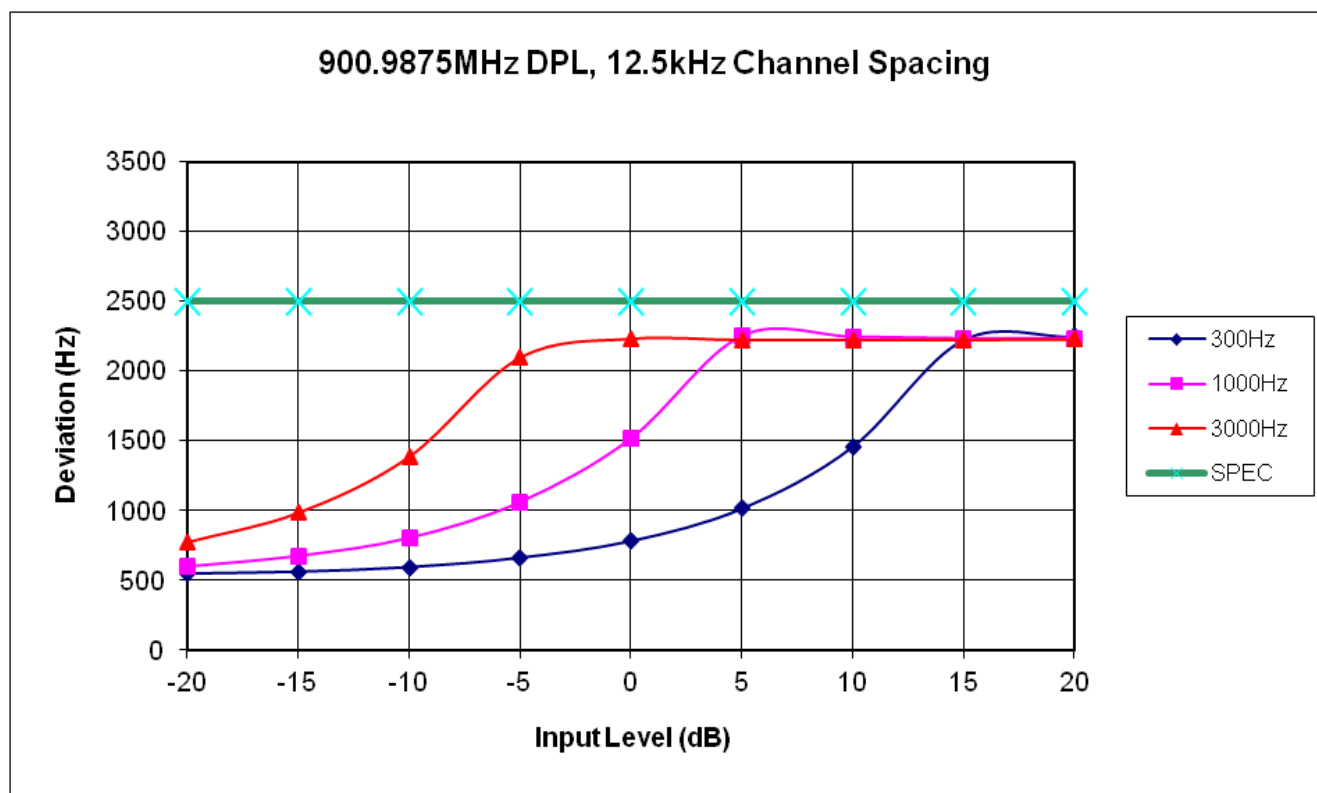


Figure 6D-9: 12.5 kHz Channel Spacing, 900.9875 MHz, Digital Private Line (DPL) Mode

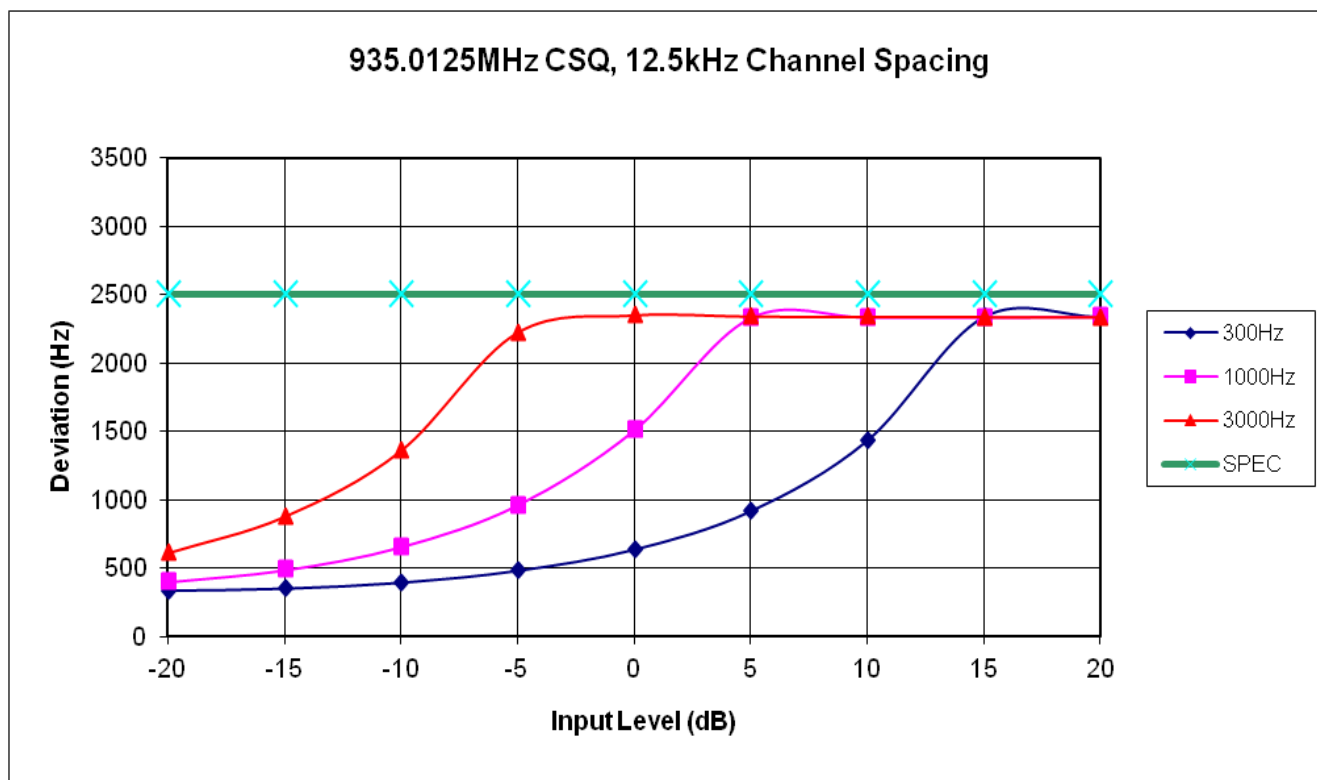


Figure 6D-10: 12.5 kHz Channel Spacing, 935.0125 MHz, Carrier Squelch (CSQ) Mode

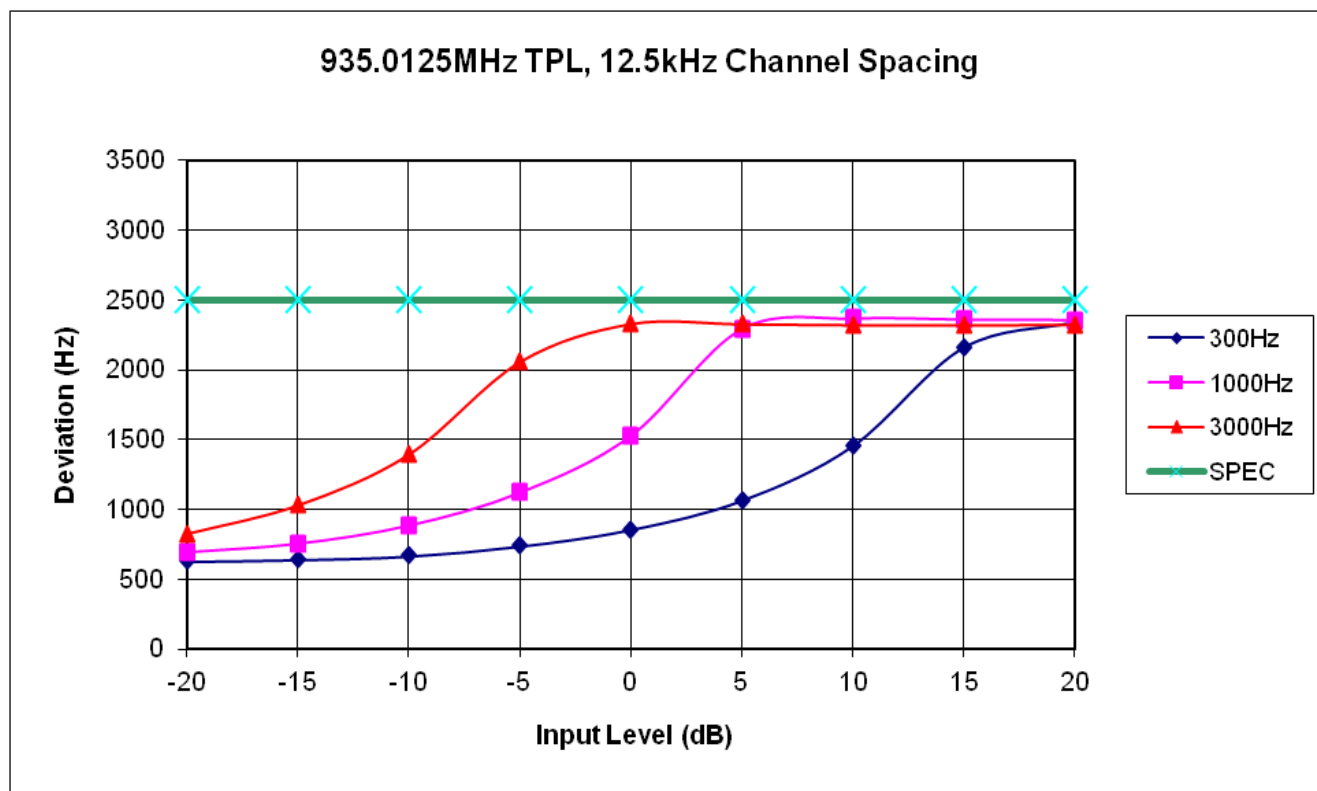


Figure 6D-11: 12.5 kHz Channel Spacing, 935.0125 MHz, Tone Private Line (TPL) Mode

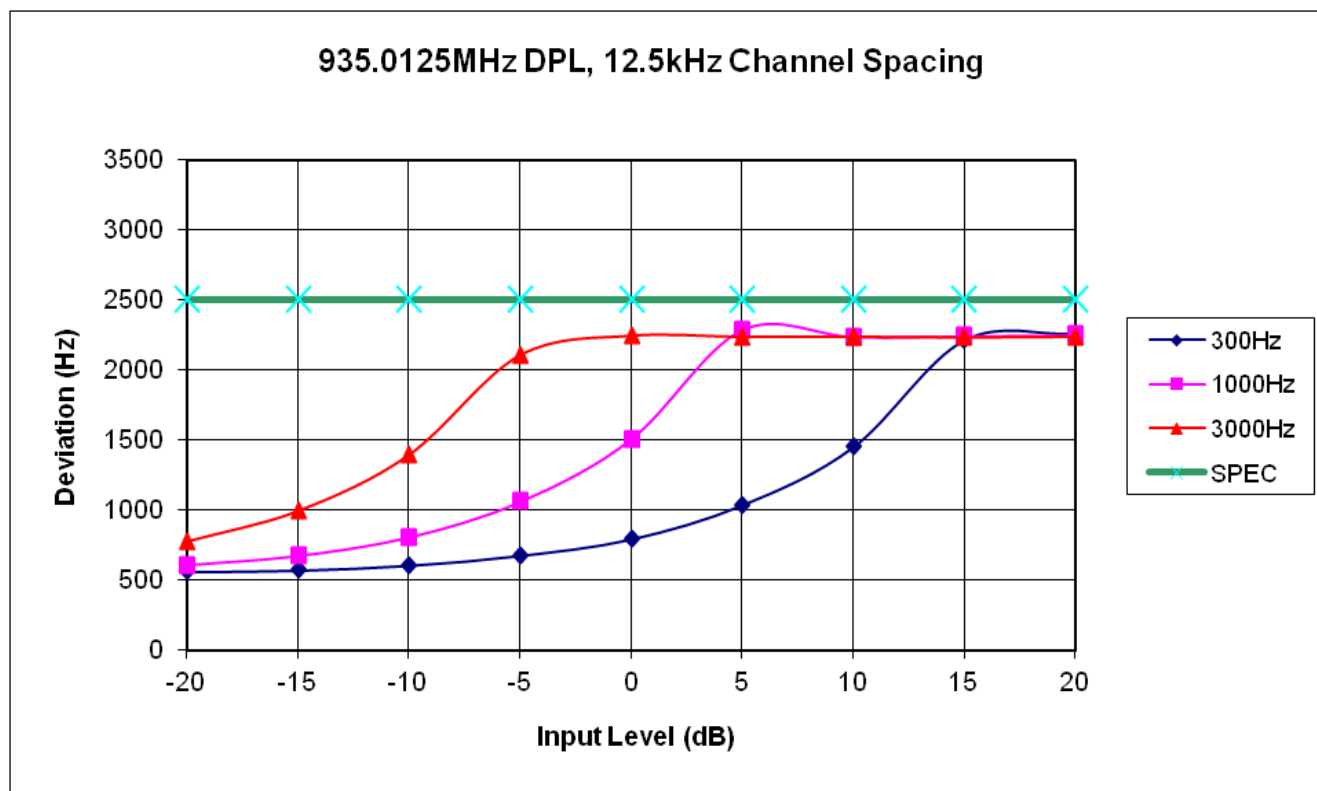


Figure 6D-12: 12.5 kHz Channel Spacing, 935.0125 MHz, Digital Private Line (DPL) Mode

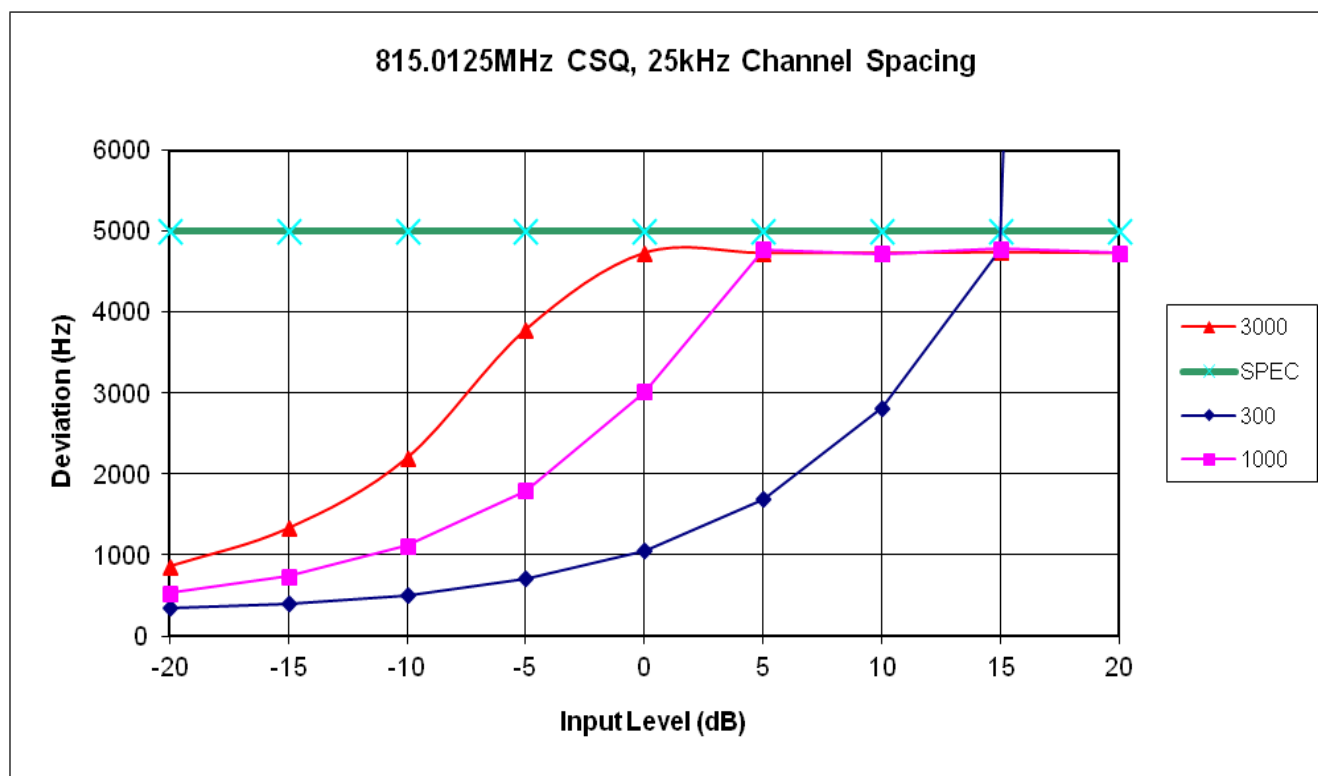


Figure 6D-13: 25 kHz Channel Spacing, 815.0125 MHz, Carrier Squelch (CSQ) Mode (Not for FCC Review)

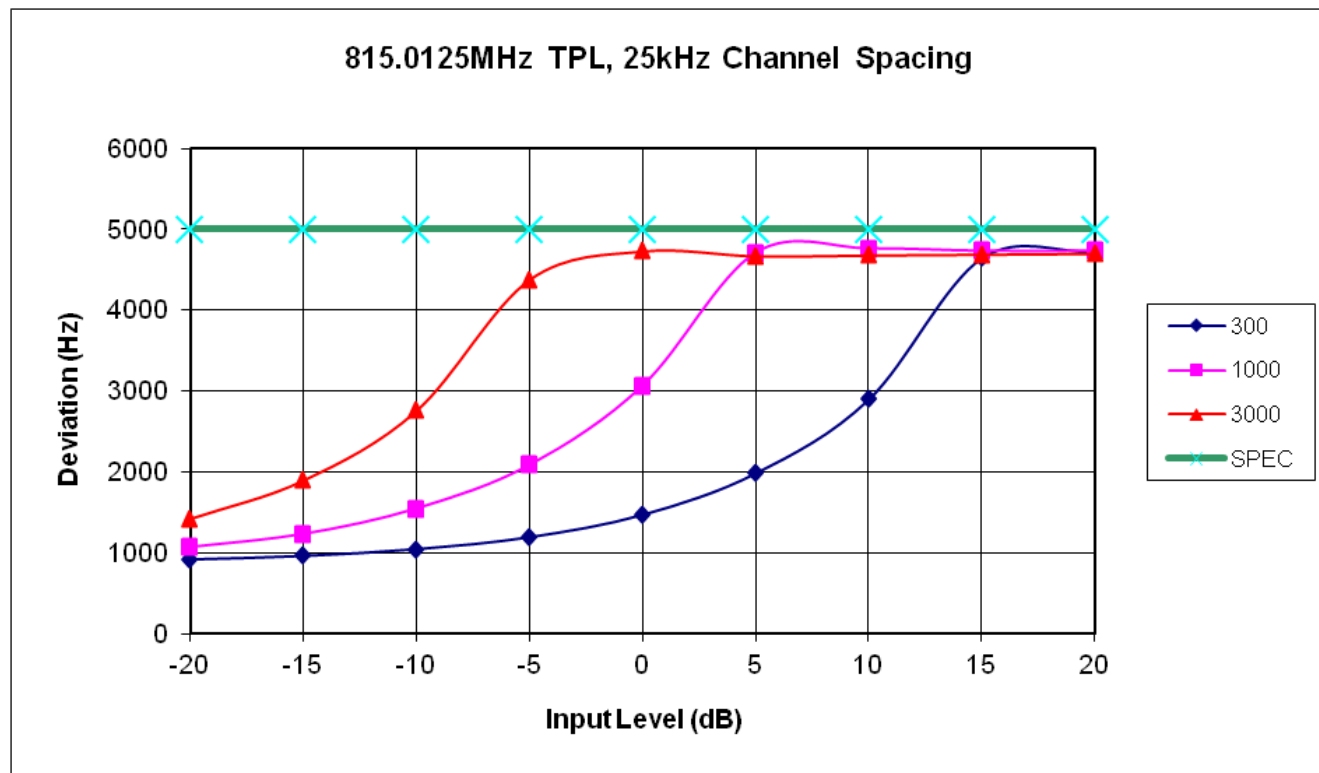


Figure 6D-14: 25 kHz Channel Spacing, 815.0125 MHz, Tone Private Line (TPL) Mode (Not for FCC Review)

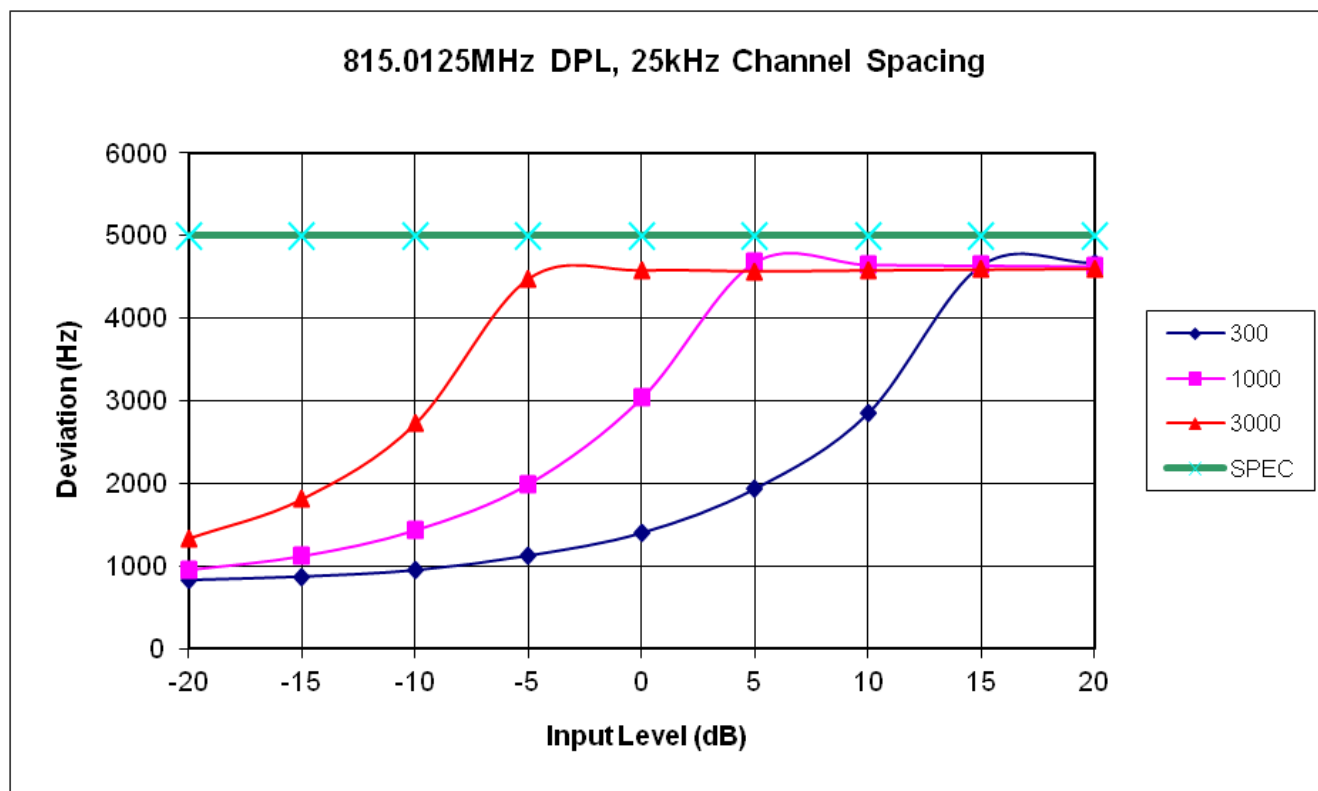


Figure 6D-15: 25 kHz Channel Spacing, 815.0125 MHz, Digital Private Line (DPL) Mode (Not for FCC Review)

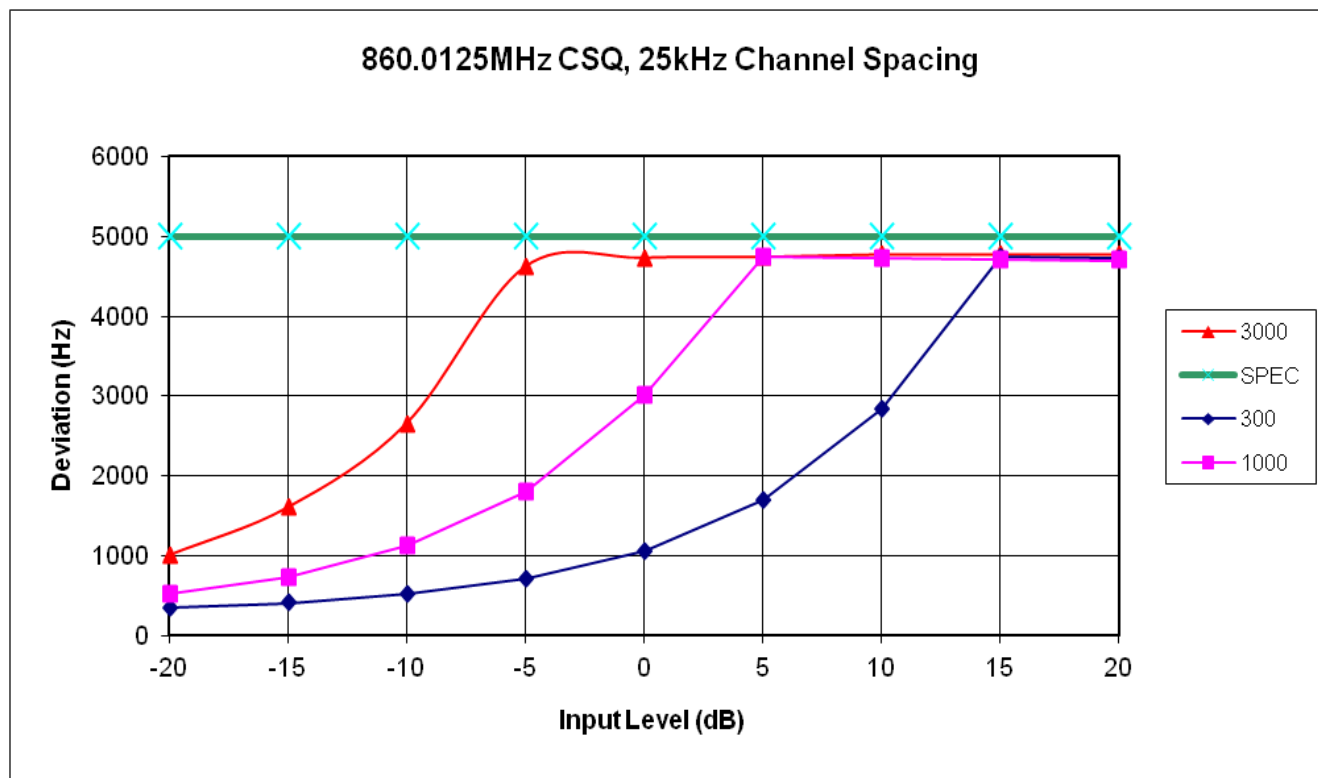


Figure 6D-16: 25 kHz Channel Spacing, 860.0125 MHz, Carrier Squelch (CSQ) Mode (Not for FCC Review)

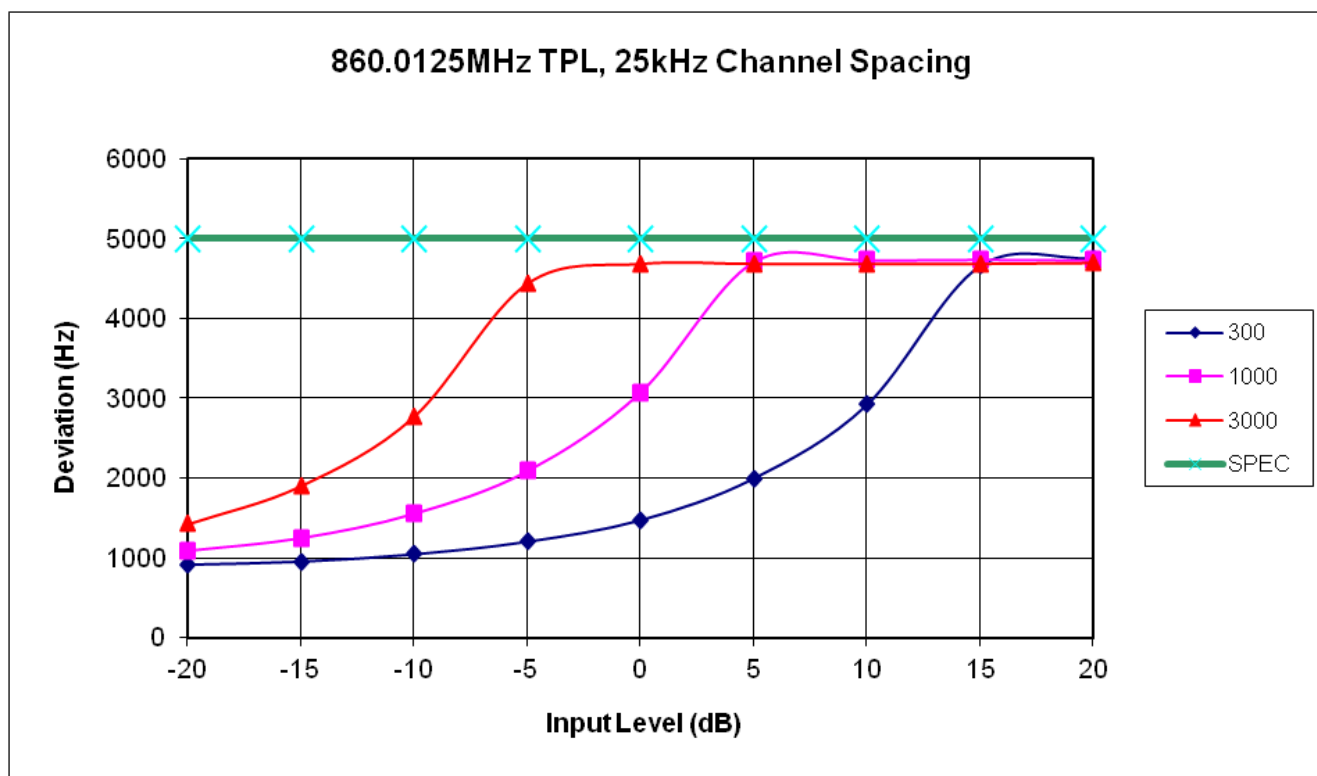


Figure 6D-17: 25 kHz Channel Spacing, 860.0125 MHz, Tone Private Line (TPL) Mode (Not for FCC Review)

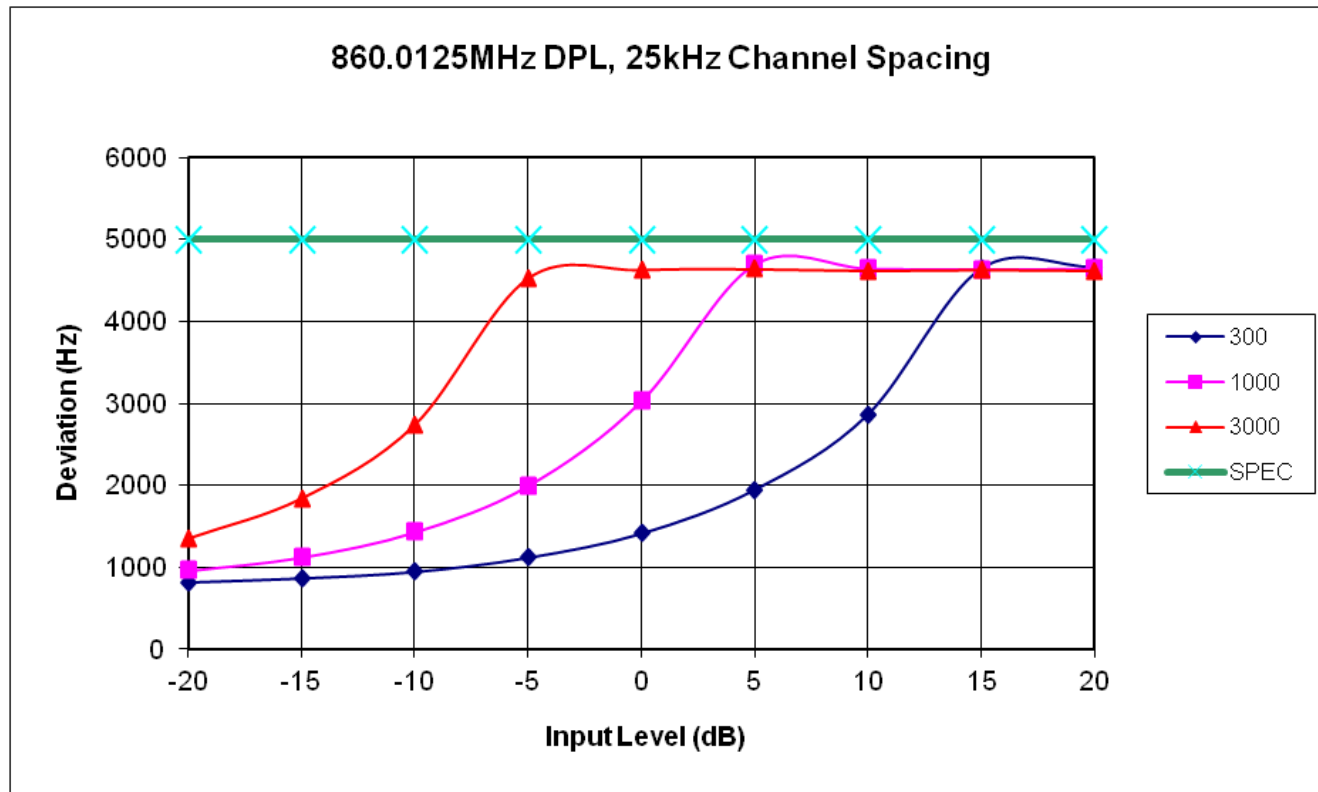


Figure 6D-18: 25 kHz Channel Spacing, 860.0125 MHz, Digital Private Line (DPL) Mode (Not for FCC Review)

EXHIBIT 6E

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

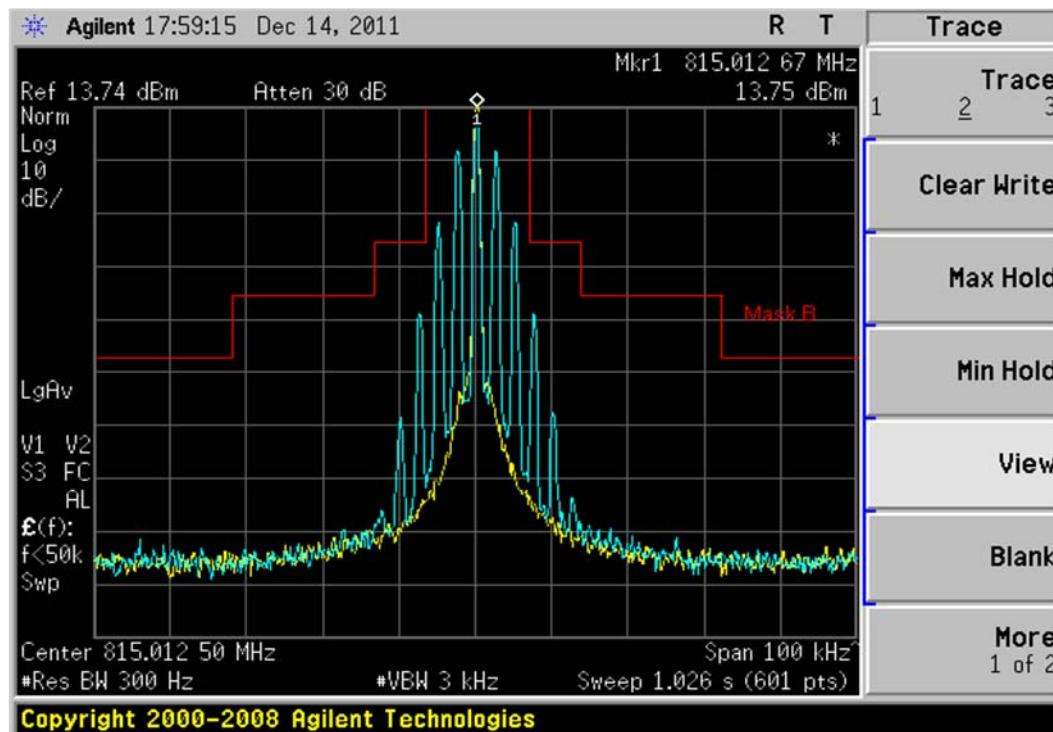


Figure 6E-1: 12.5 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 11K0F3E Mask B

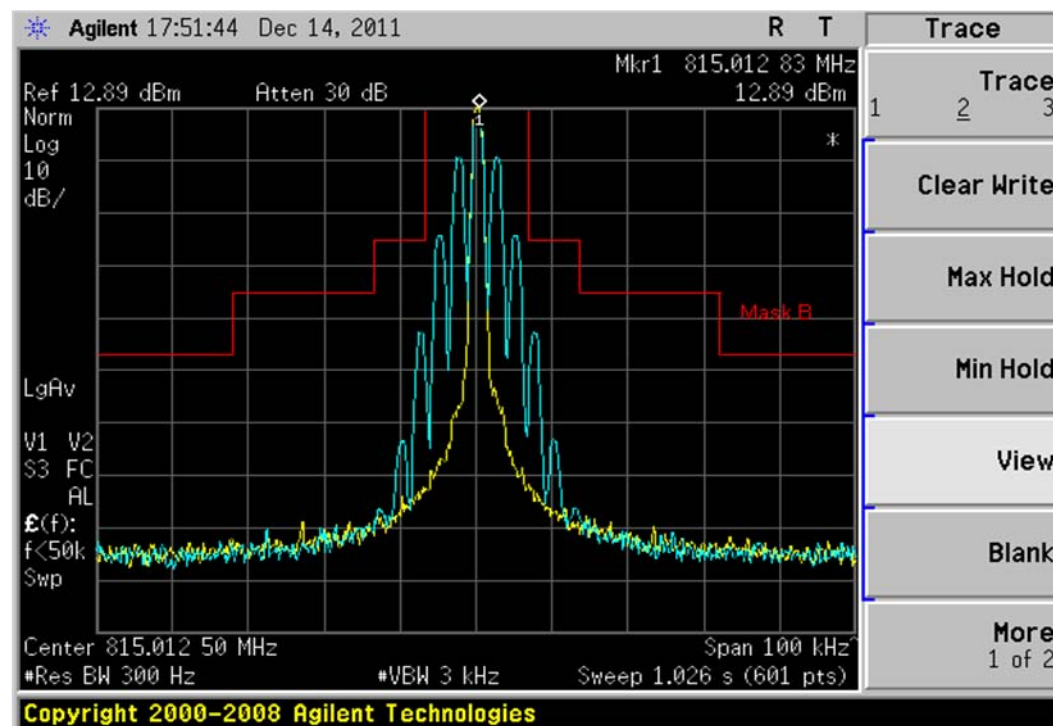


Figure 6E-2: 12.5 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask B

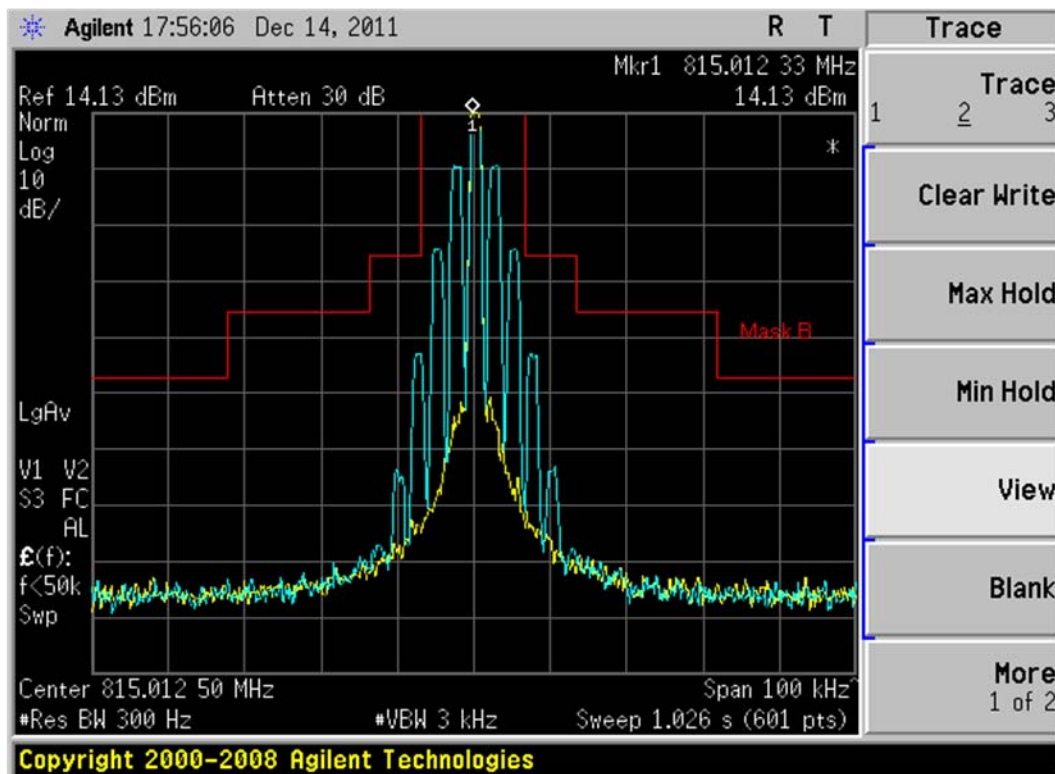


Figure 6E-3: 12.5 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask B

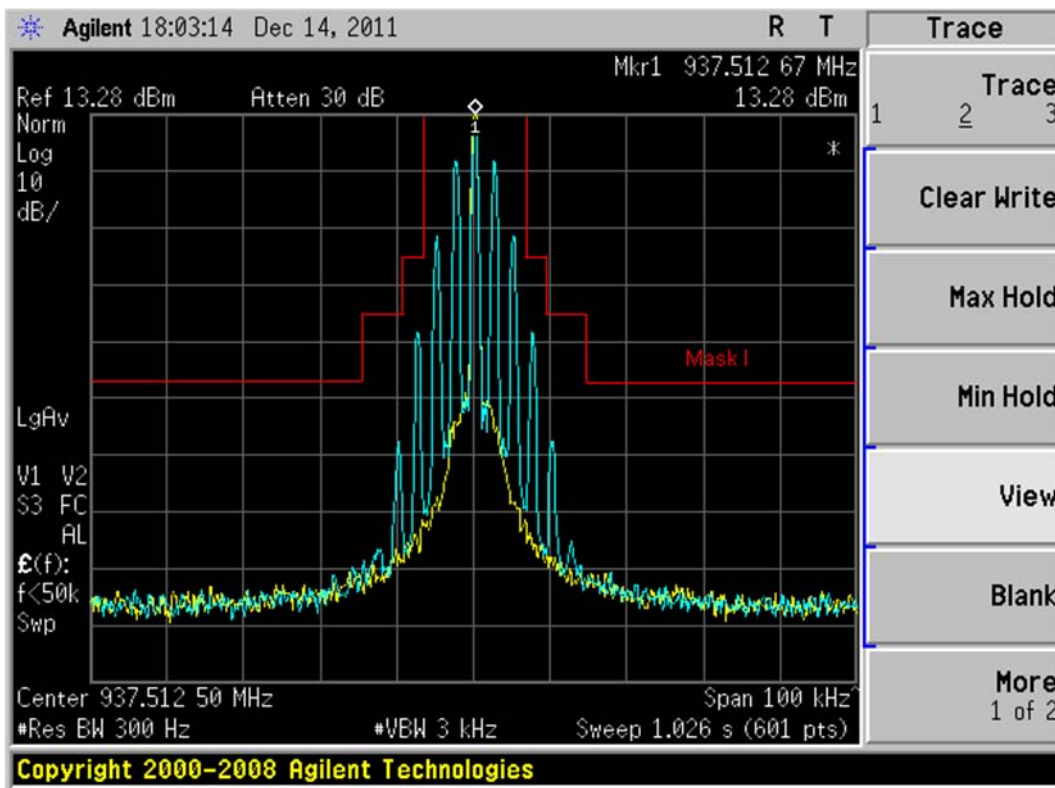


Figure 6E-4: 12.5 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 11K0F3E Mask I

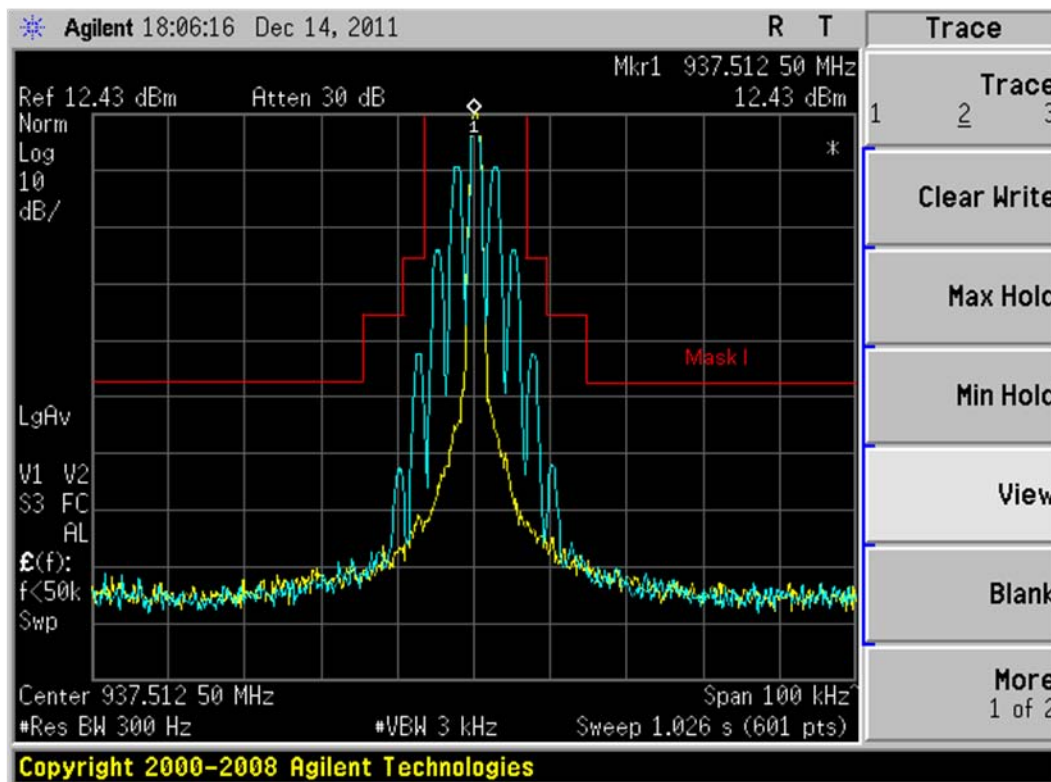


Figure 6E-5: 12.5 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask I

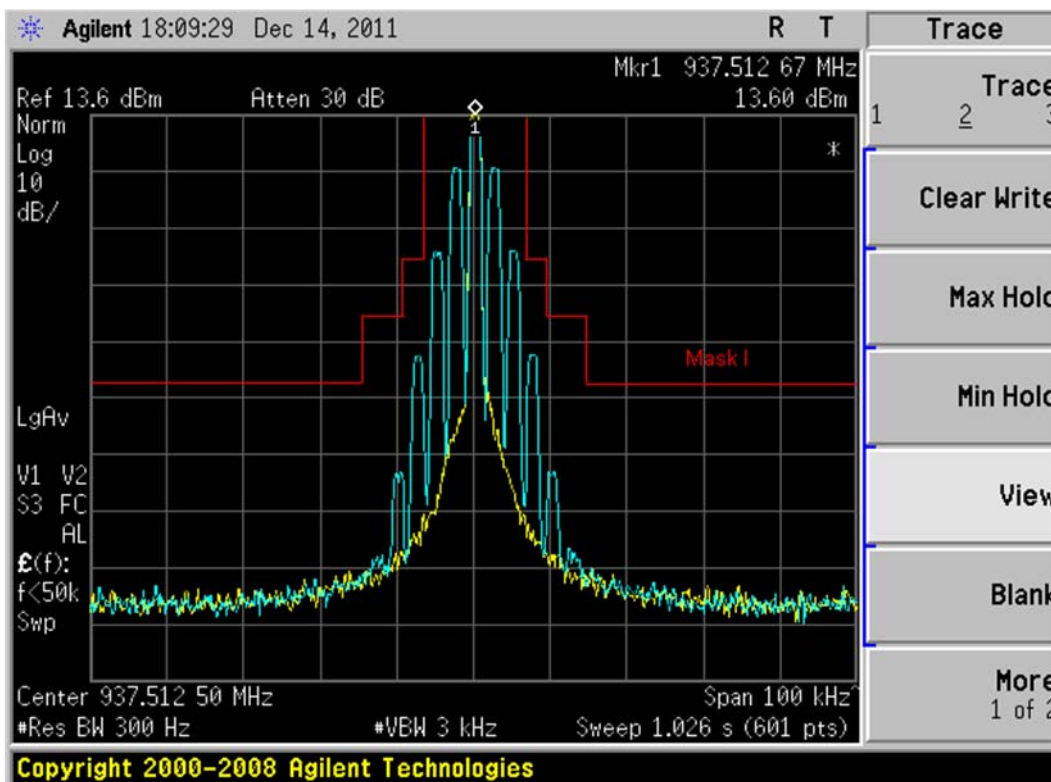


Figure 6E-6: 12.5 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask I

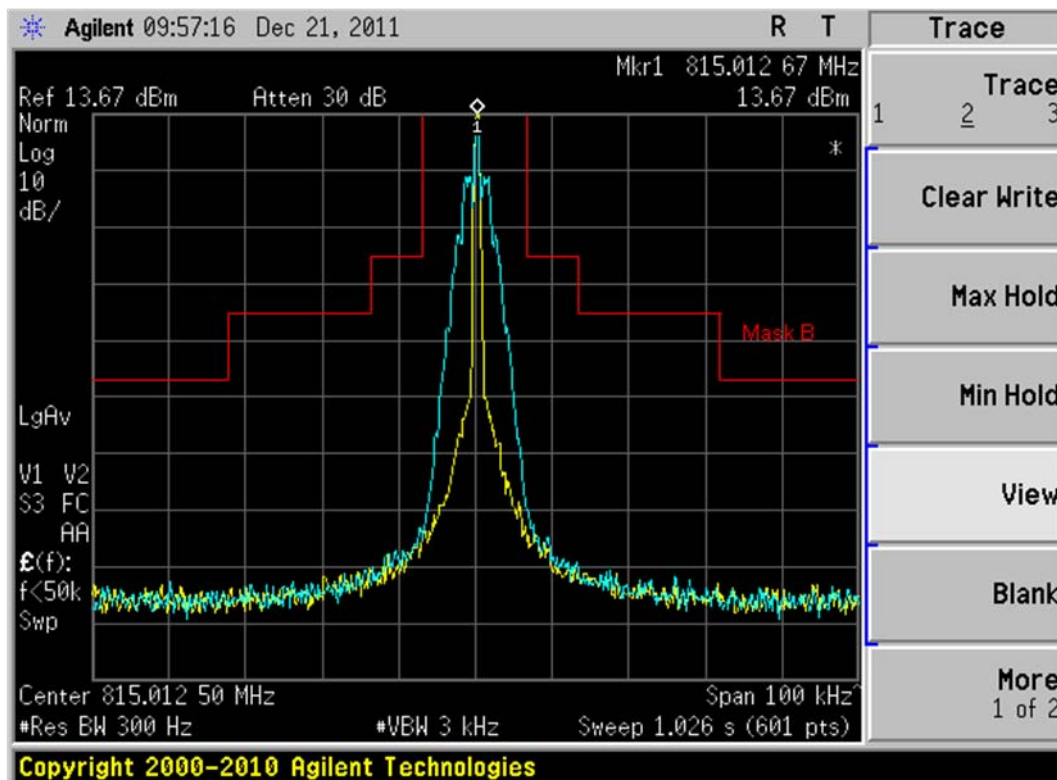


Figure 6E-7: 12.5 kHz Channel Spacing, DTMF Modulation Only, 11K0F3E Mask B

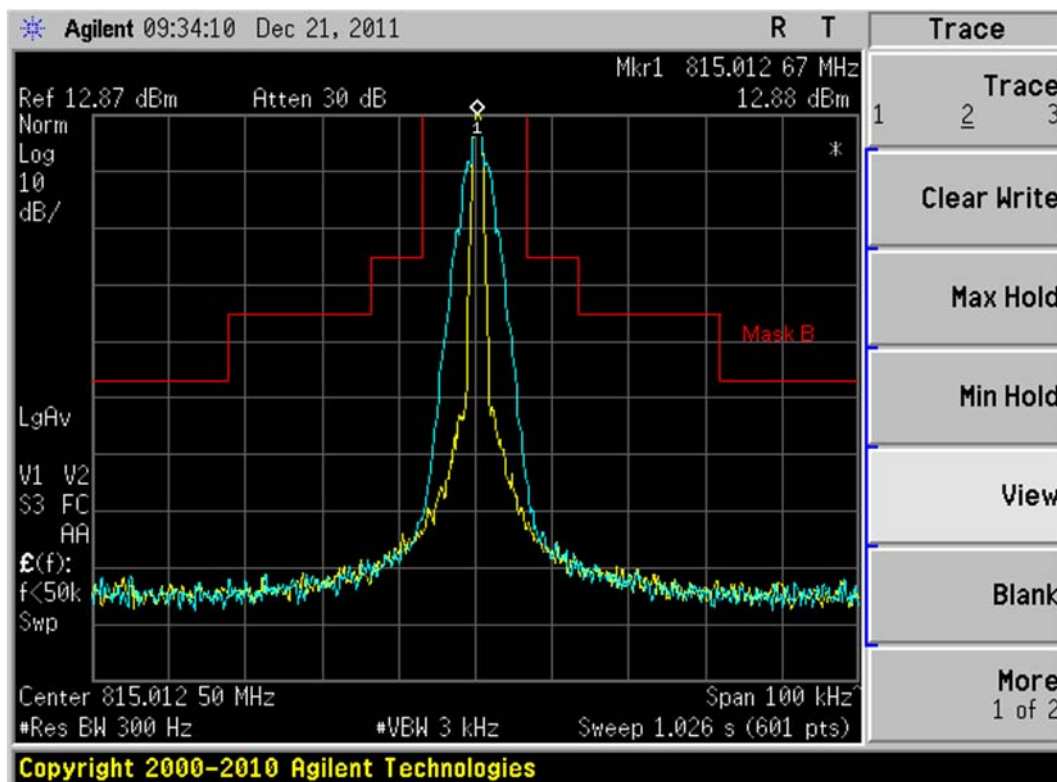


Figure 6E-8: 12.5 kHz Channel Spacing, DTMF and PL Tone Modulation, 11K0F3E Mask B

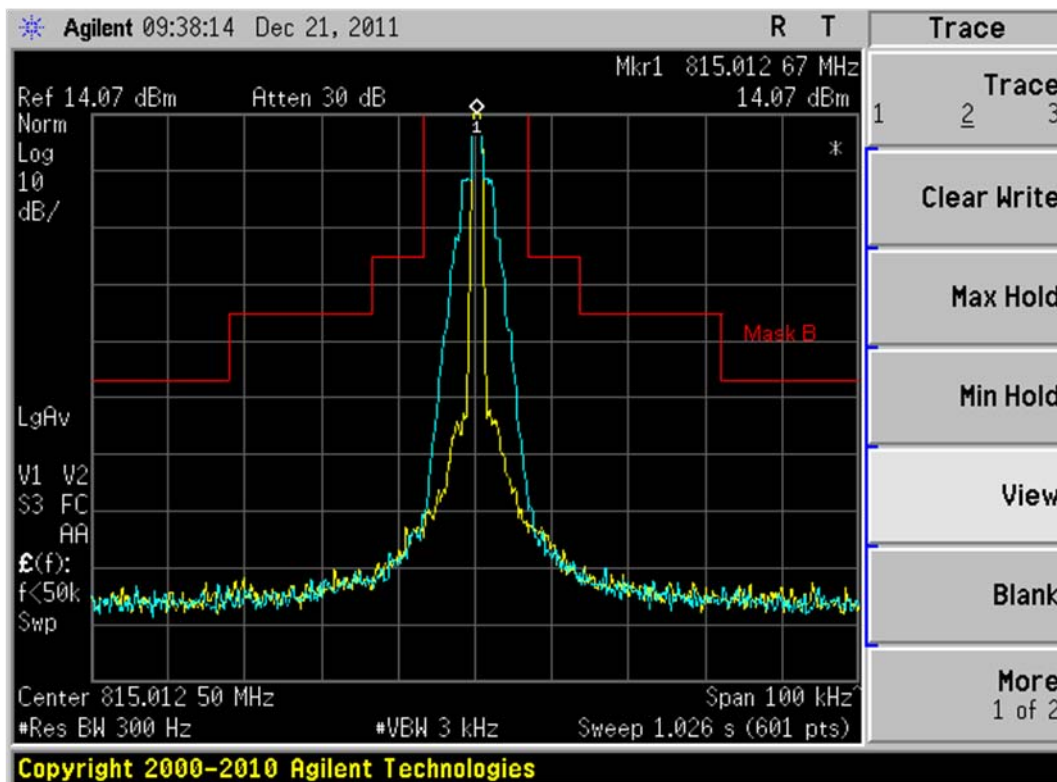


Figure 6E-9: 12.5 kHz Channel Spacing, DTMF and DPL Tone Modulation, 11K0F3E Mask B

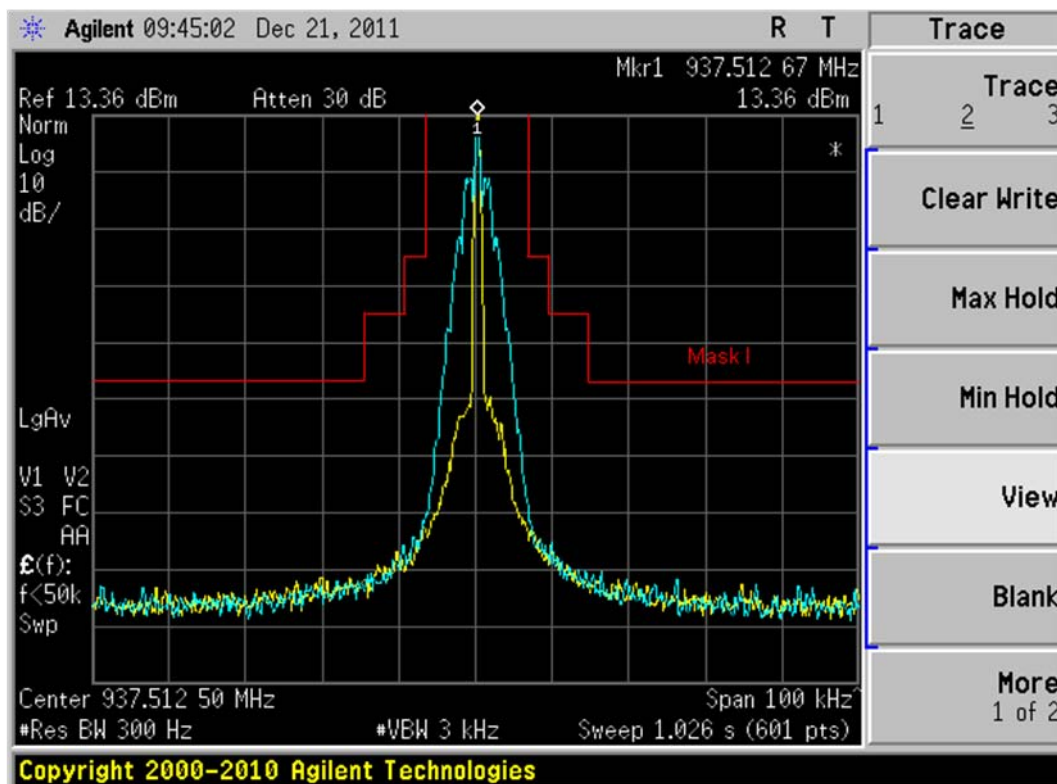


Figure 6E-10: 12.5 kHz Channel Spacing, DTMF Modulation Only, 11K0F3E Mask I

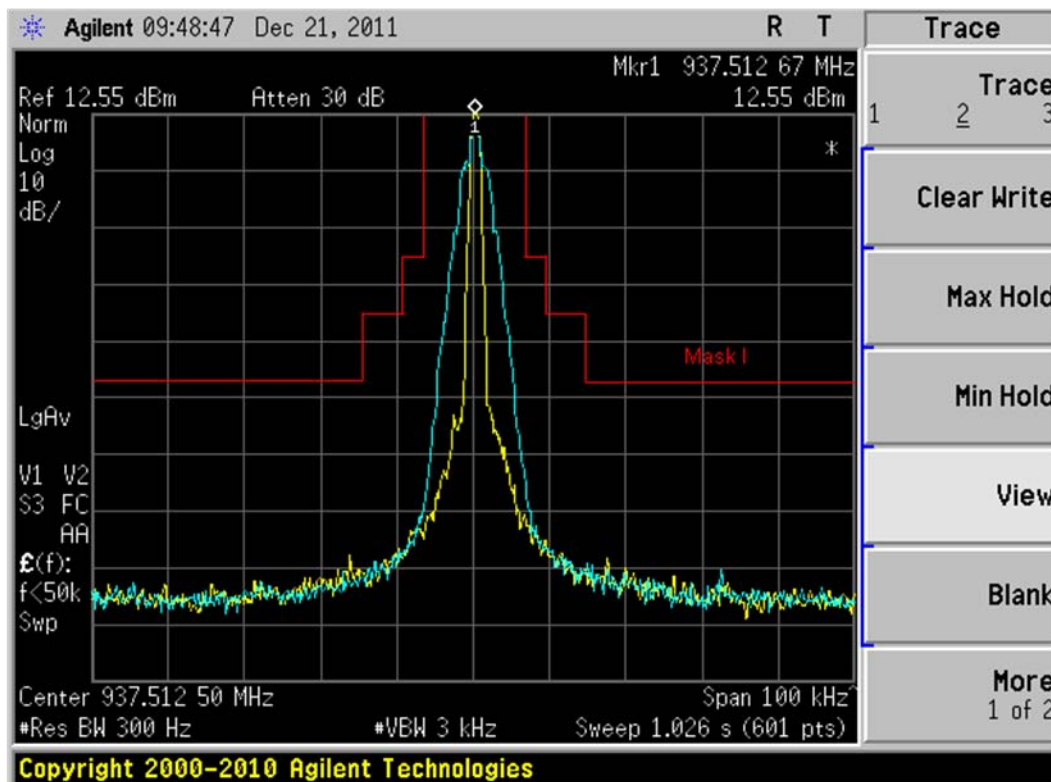


Figure 6E-11: 12.5 kHz Channel Spacing, DTMF and PL Tone Modulation, 11K0F3E Mask I

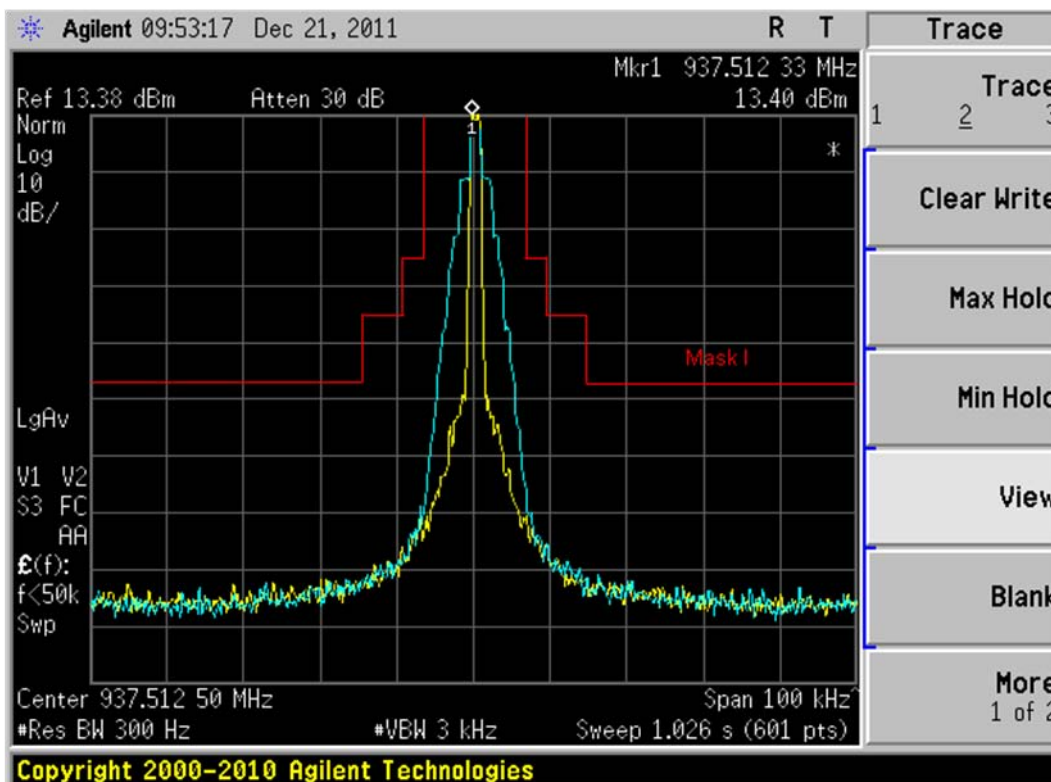


Figure 6E-12: 12.5 kHz Channel Spacing, DTMF and DPL Tone Modulation, 11K0F3E Mask I

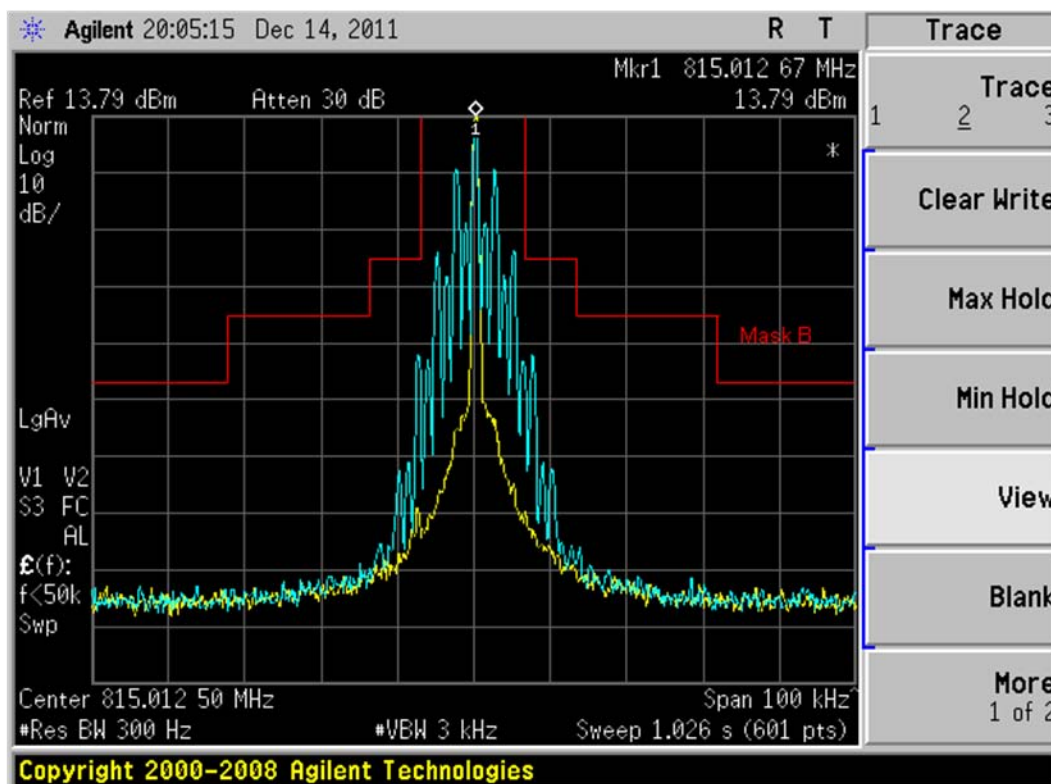


Figure 6E-13: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask B

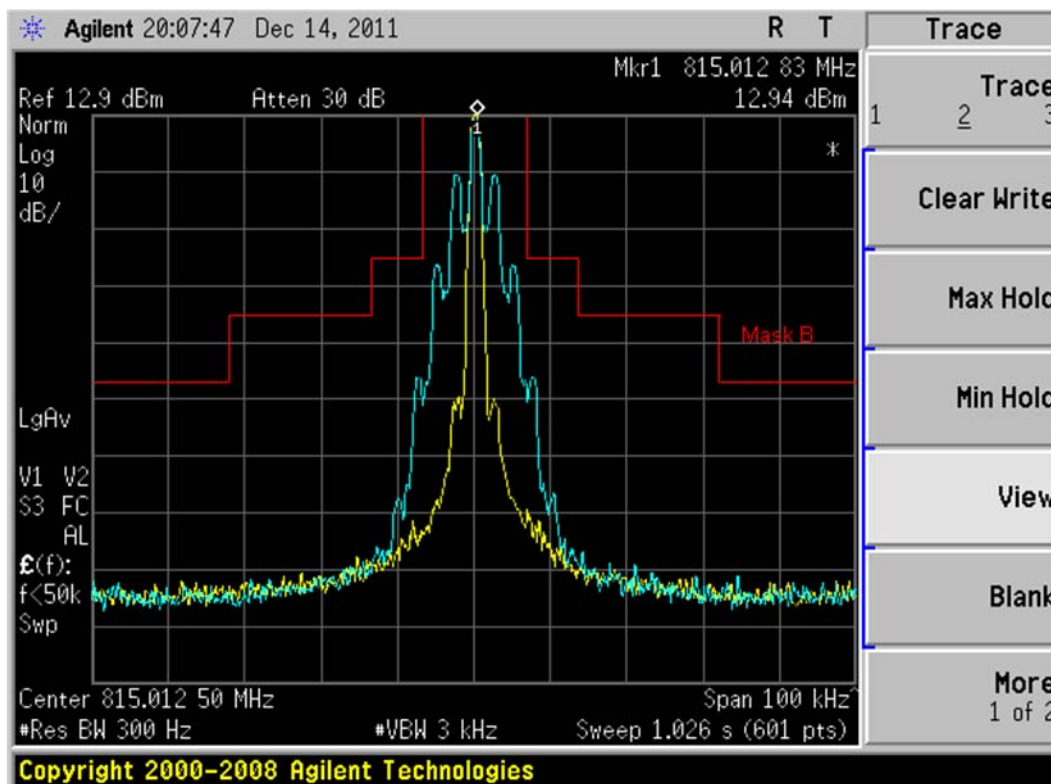


Figure 6E-14: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 11K0F3E Mask B

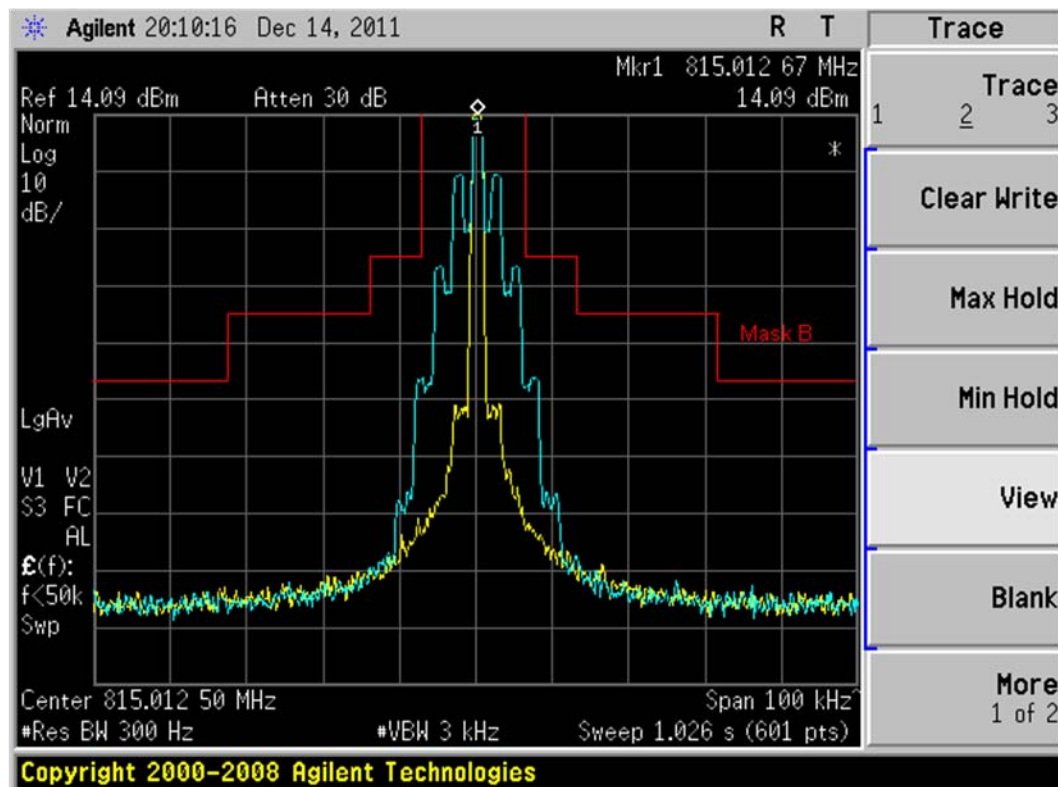


Figure 6E-15: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 11K0F3E Mask B

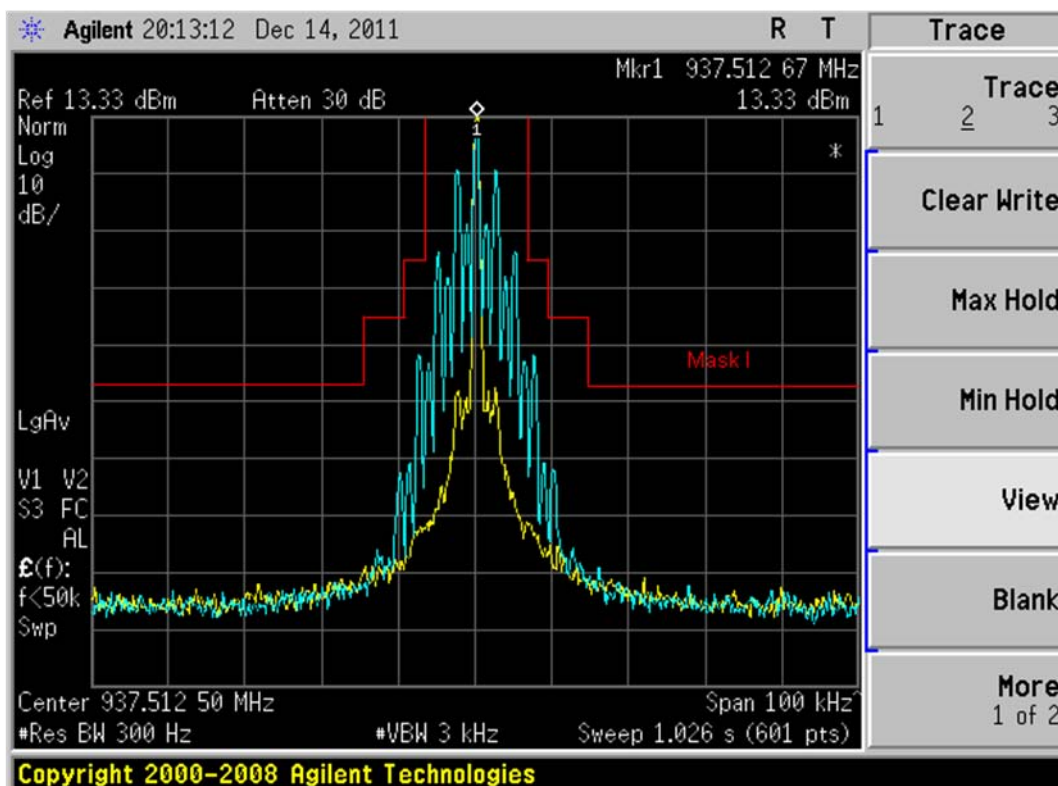


Figure 6E-16: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask I

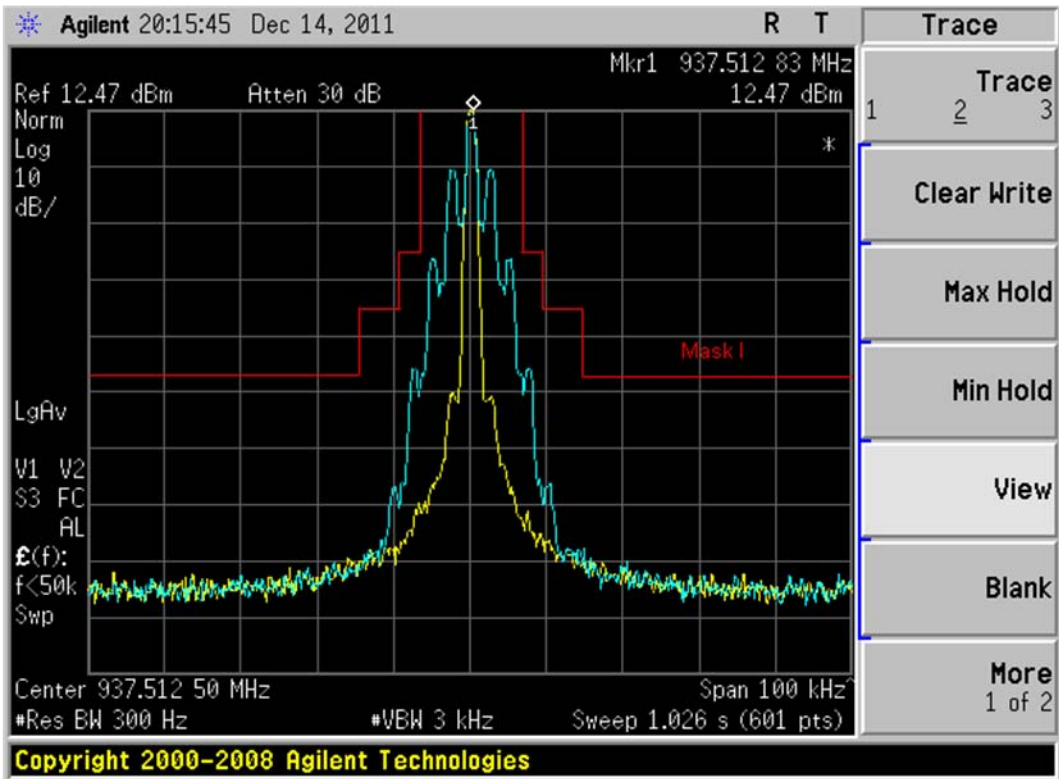


Figure 6E-17: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 11K0F3E Mask I

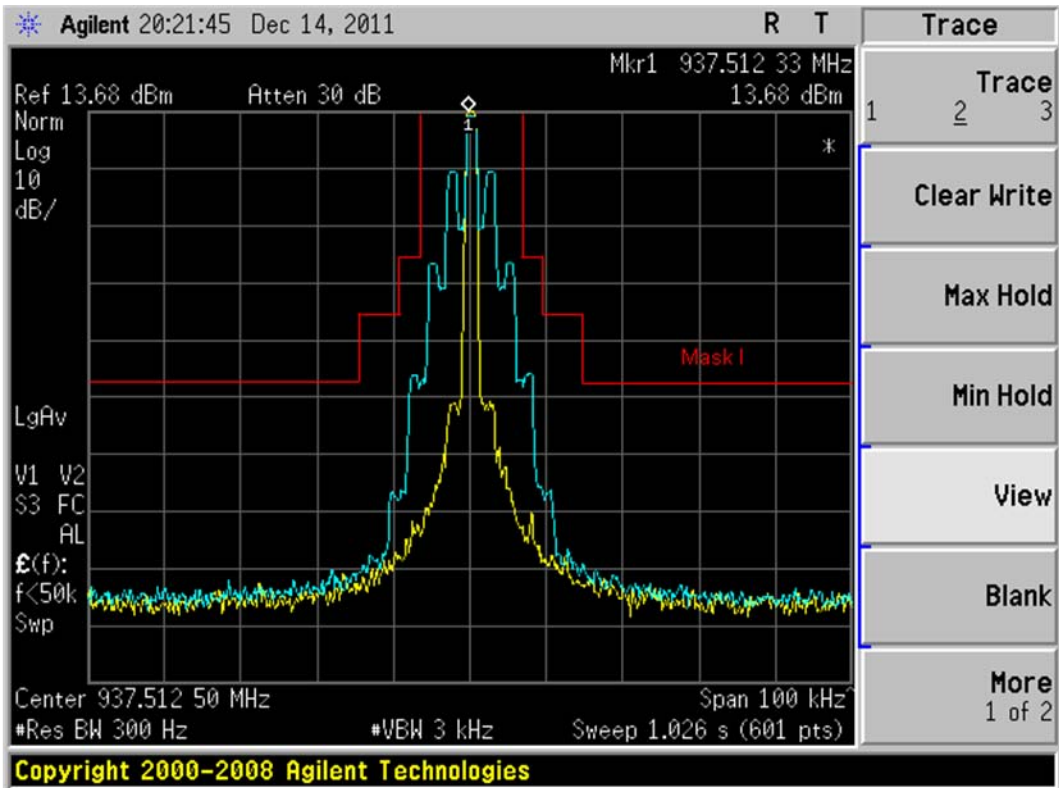


Figure 6E-18: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 11K0F3E Mask I

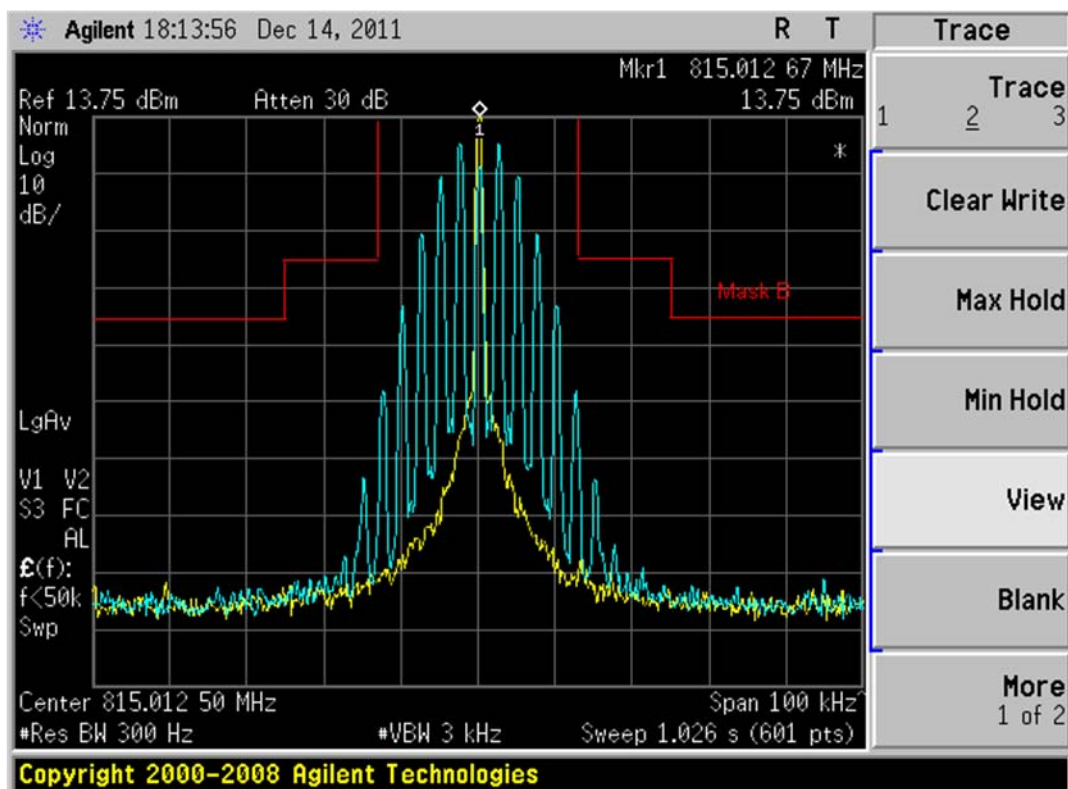


Figure 6E-19: 25 kHz chl spc, 2500 Hz Audio Modulation Only, 16K0F3E Mask B (Not for FCC Review)

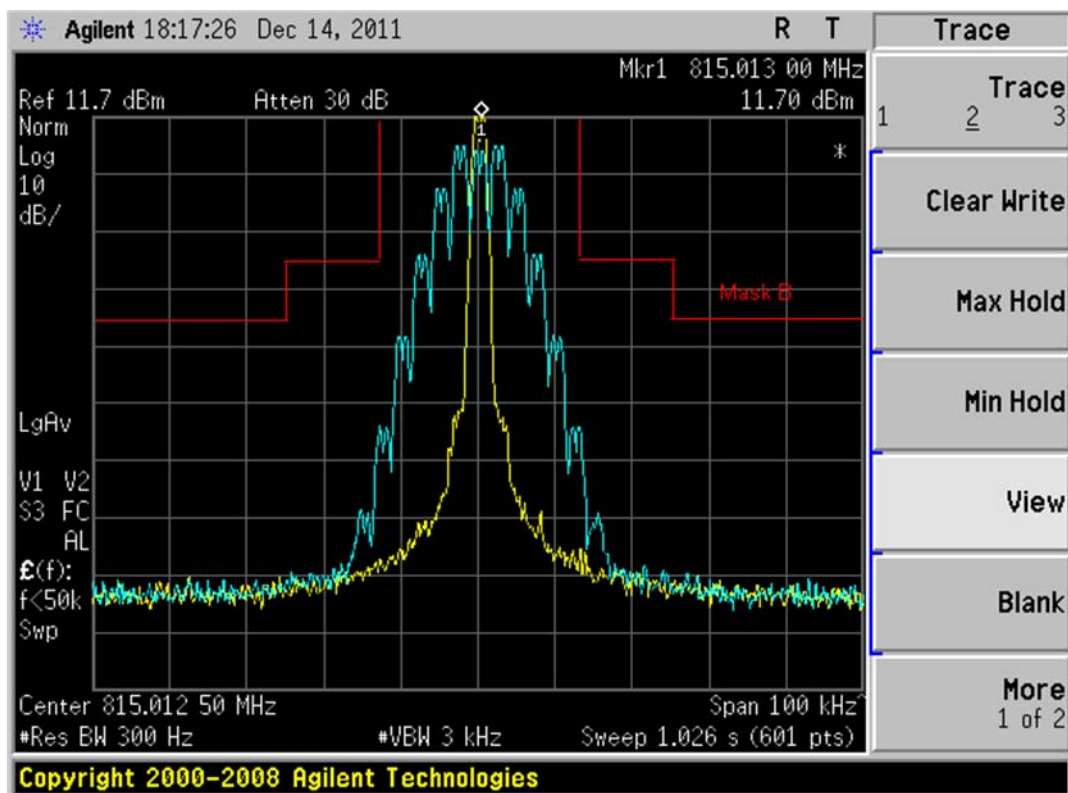


Figure 6E-20: 25 kHz chl spc, 2500 Hz Audio and PL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

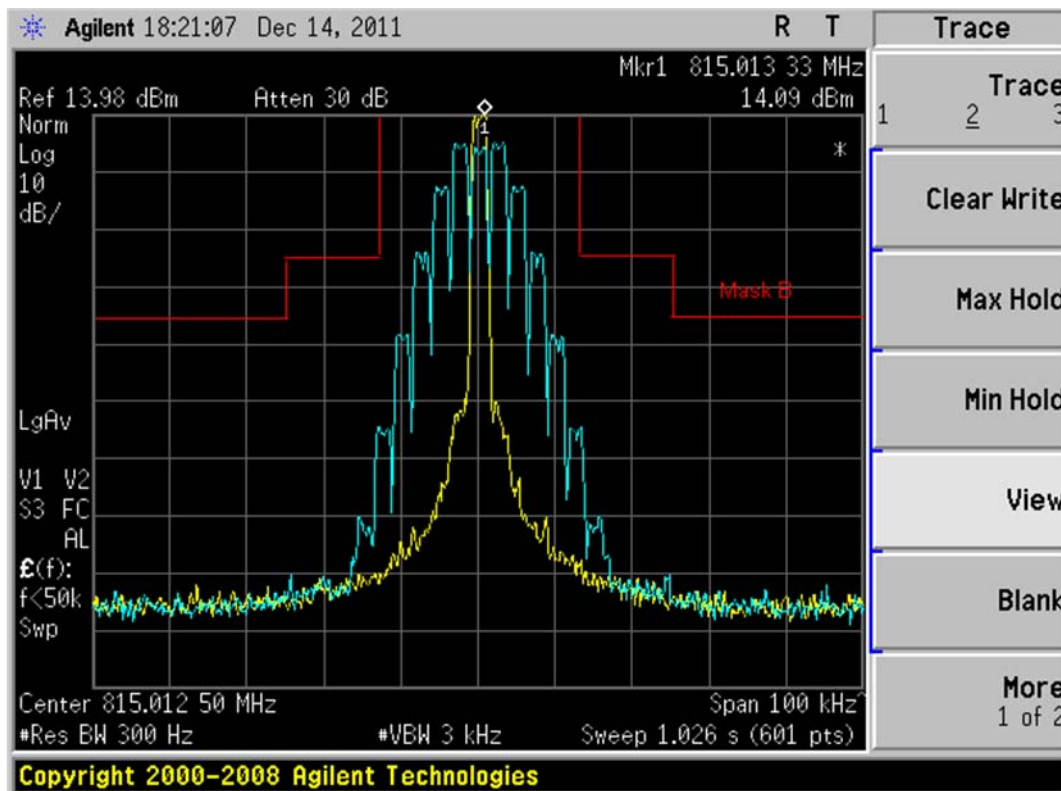


Figure 6E-21: 25 kHz chl spc, 2500 Hz Audio and DPL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

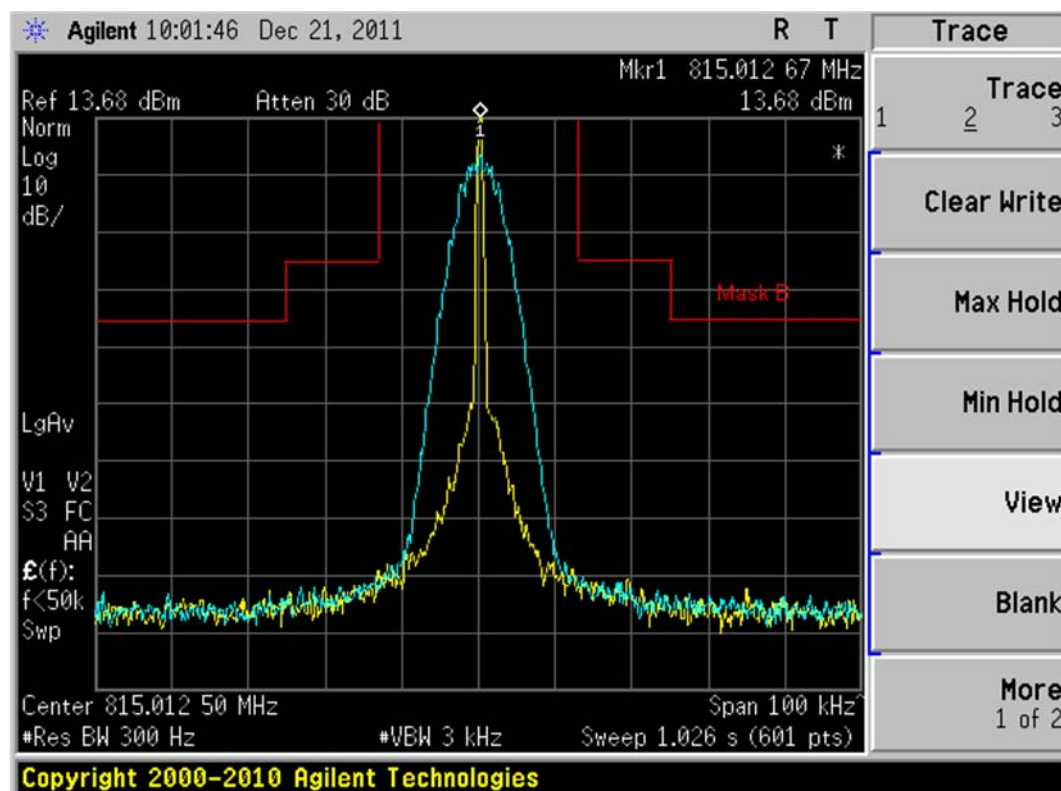


Figure 6E-22: 25 kHz chl spc, DTMF Modulation Only, 16K0F3E Mask B (Not for FCC Review)

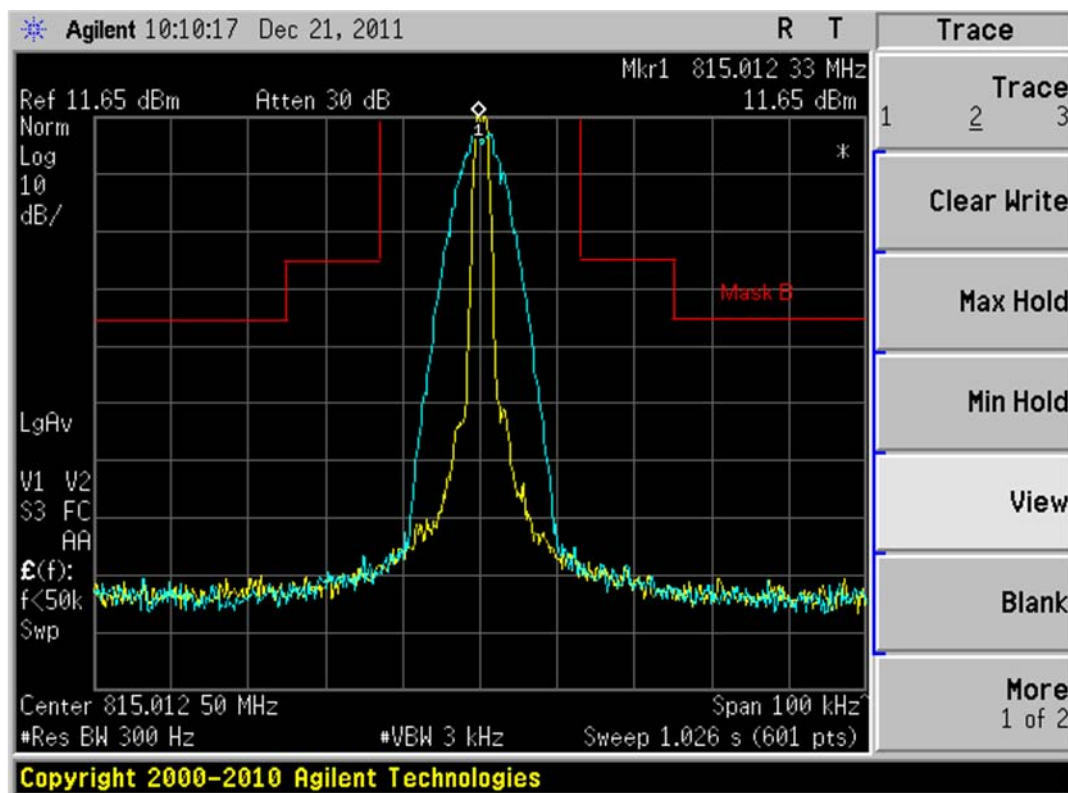


Figure 6E-23: 25 kHz chl spec, DTMF and PL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

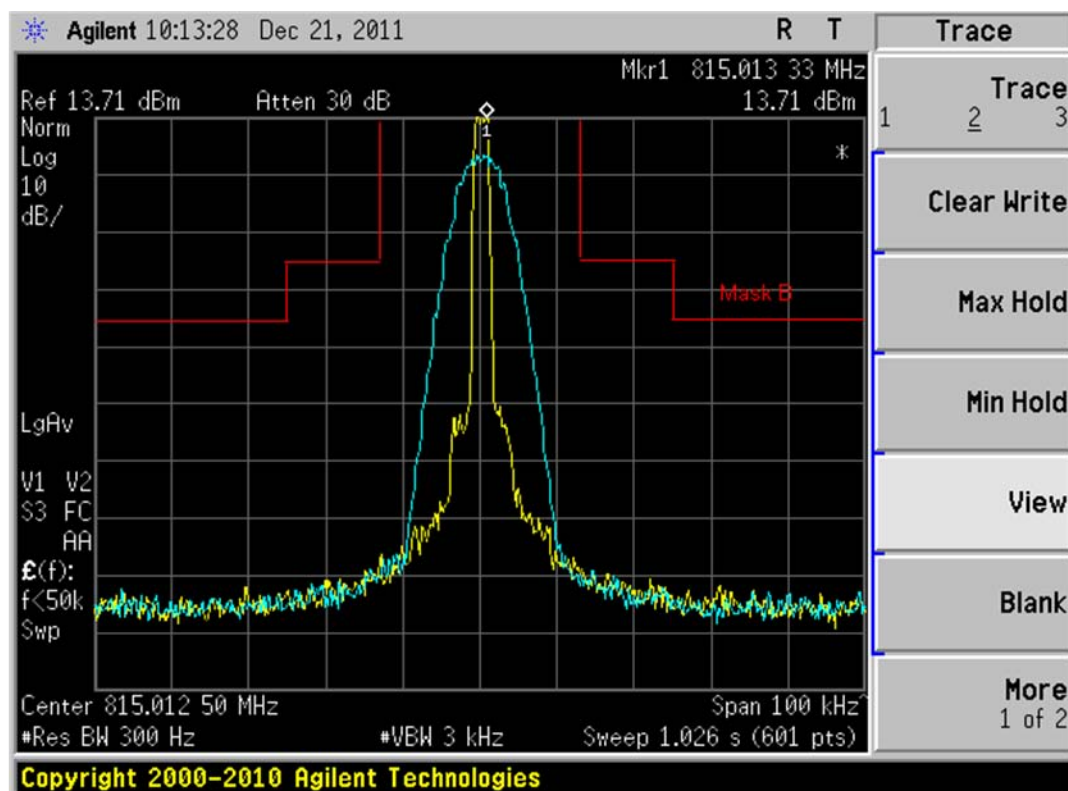
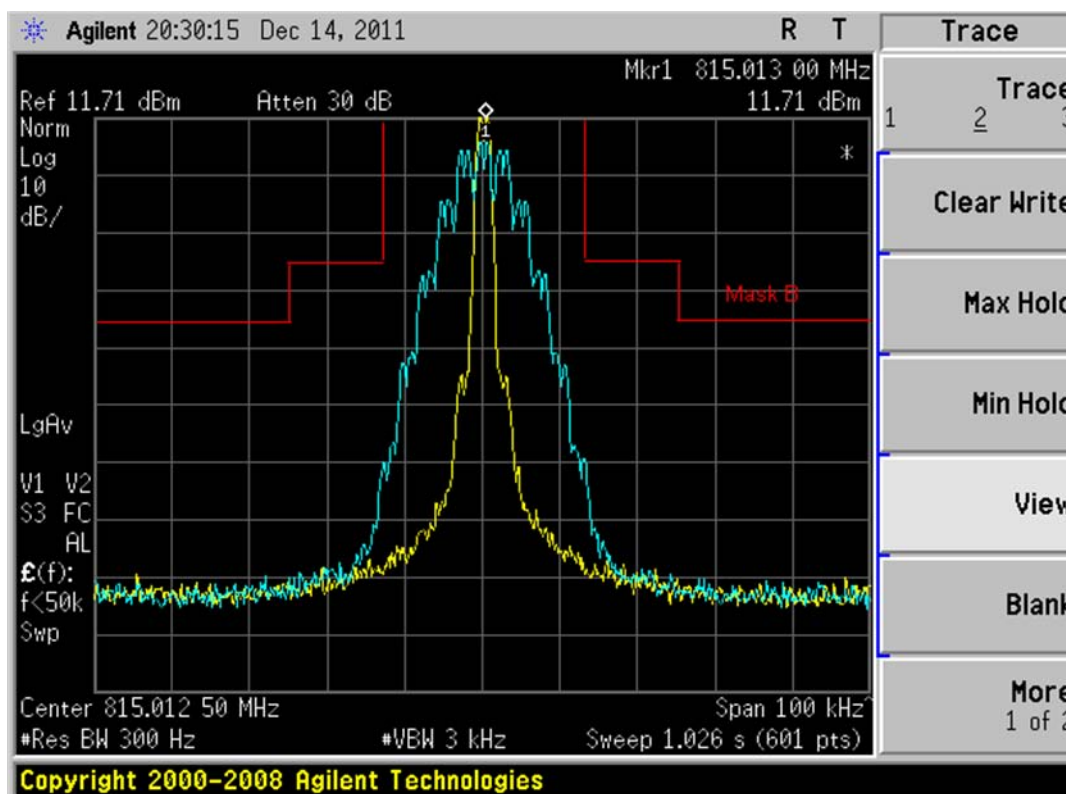
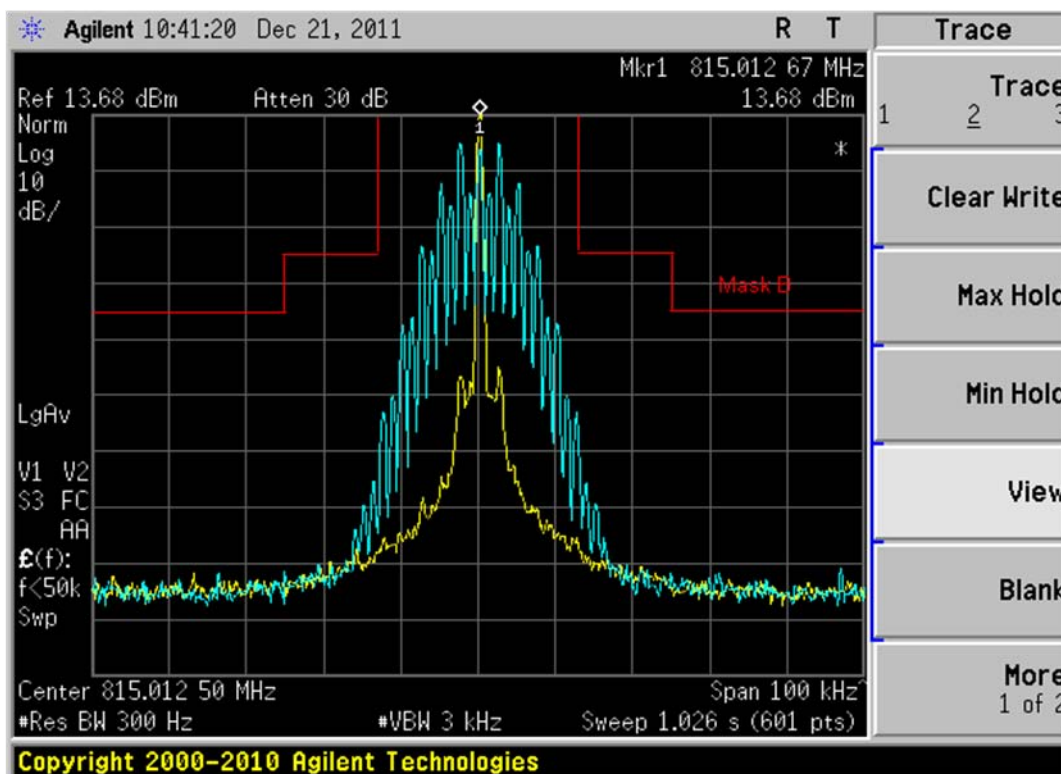


Figure 6E-24: 25 kHz chl spec, DTMF and DPL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)



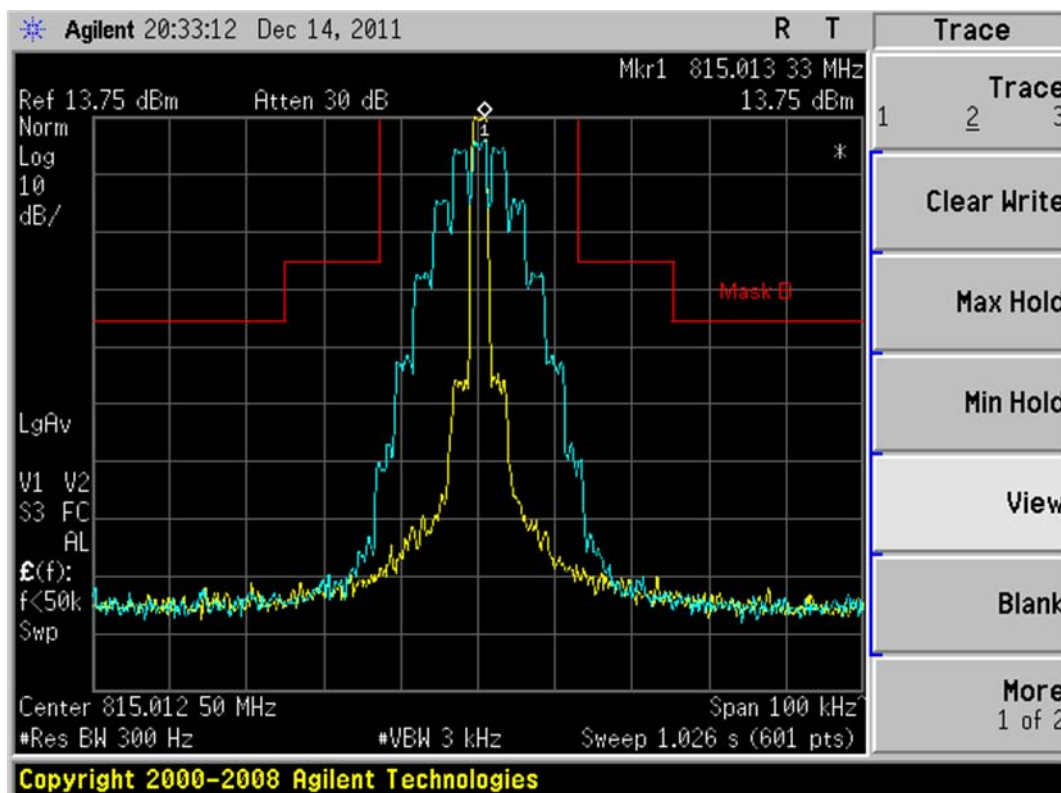


Figure 6E-27: 25 kHz chl spc, 2000/3000 Hz FSK Data and DPL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

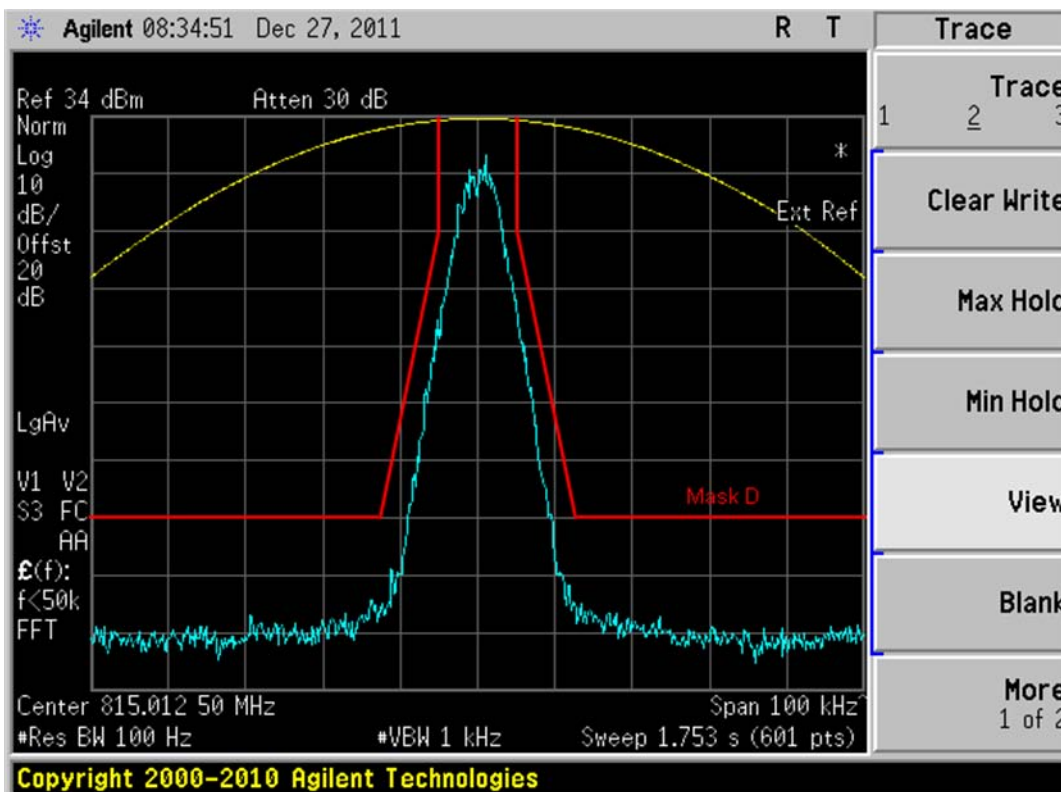


Figure 6E-28: 0.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask D

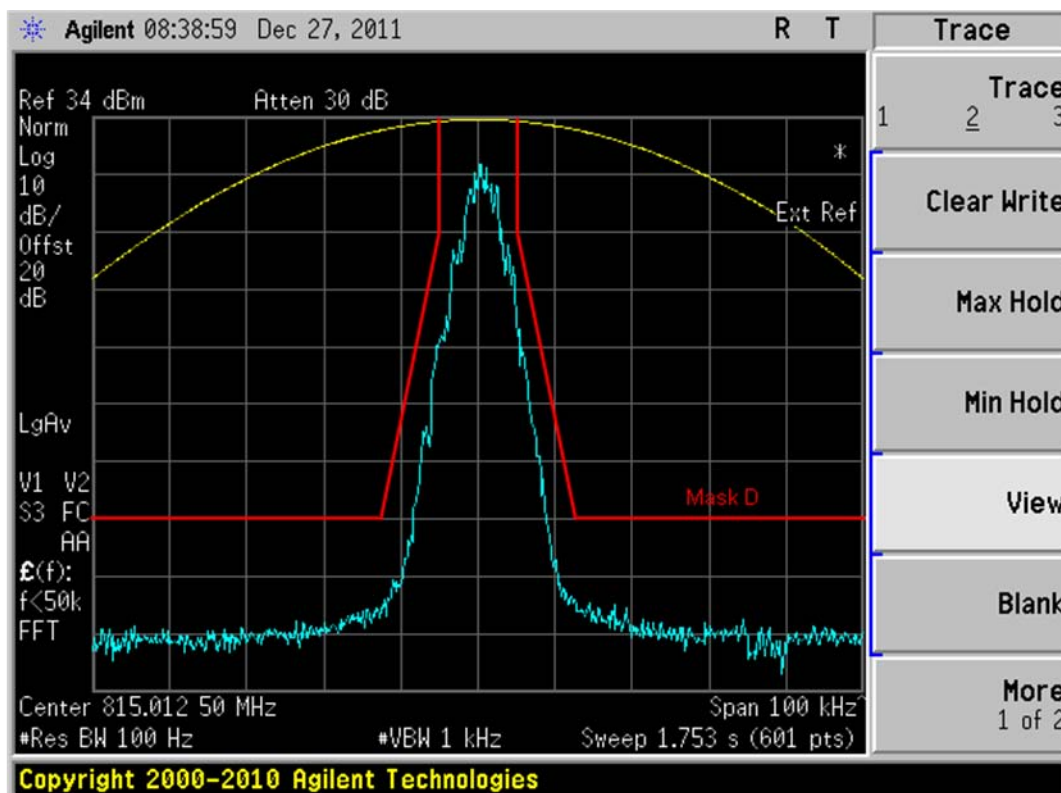


Figure 6E-29: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask D

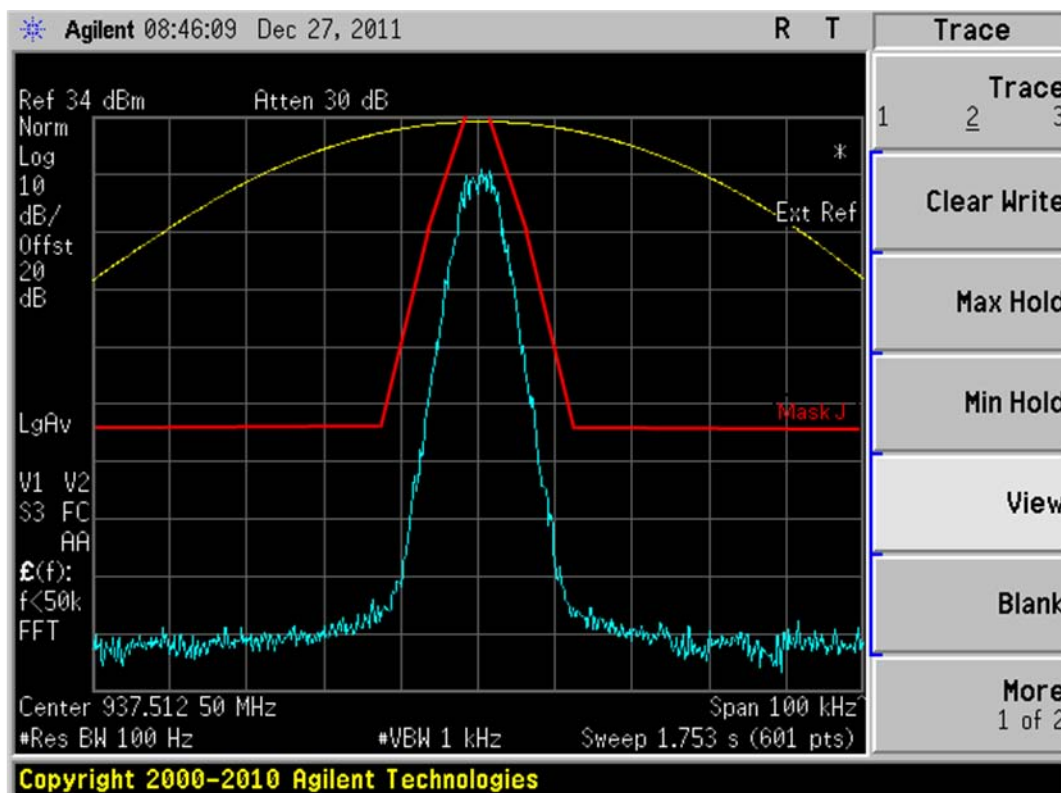


Figure 6E-30: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask J

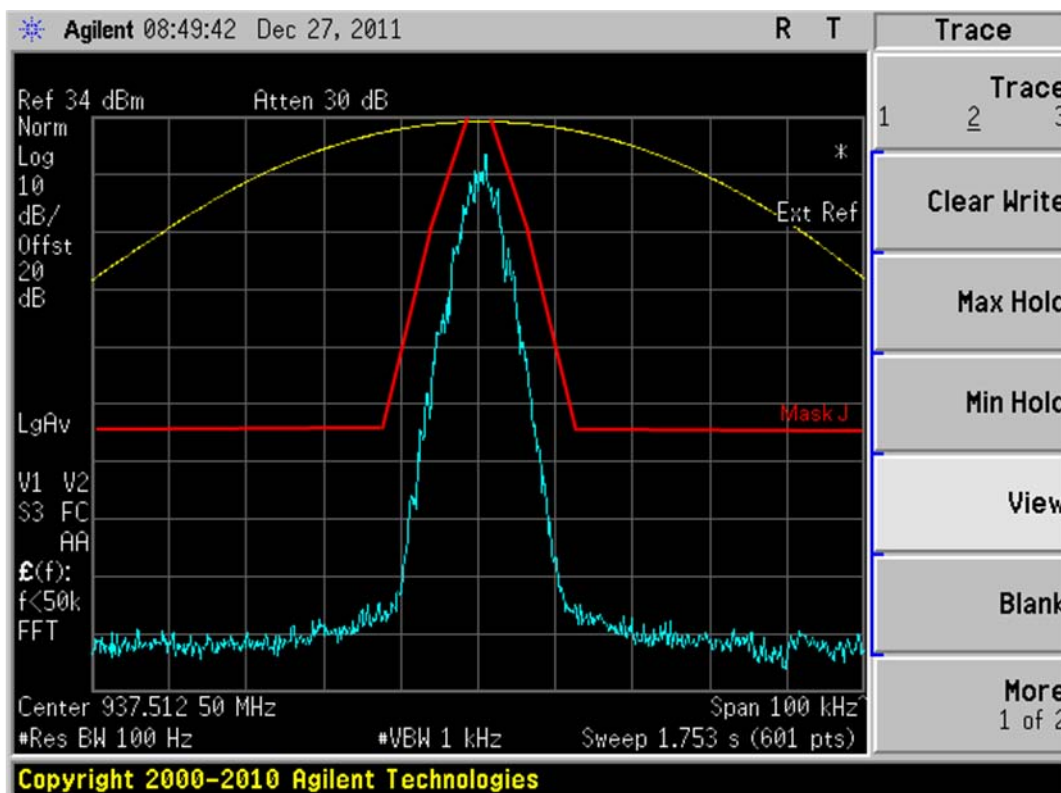


Figure 6E-31: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask J

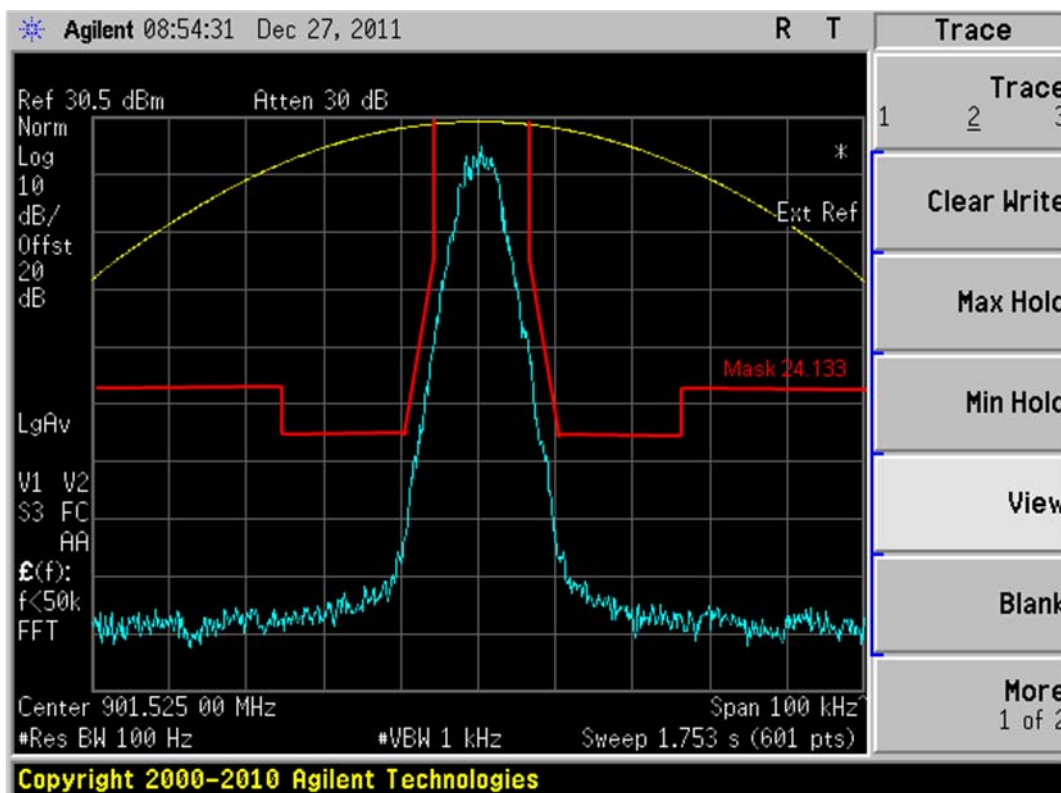
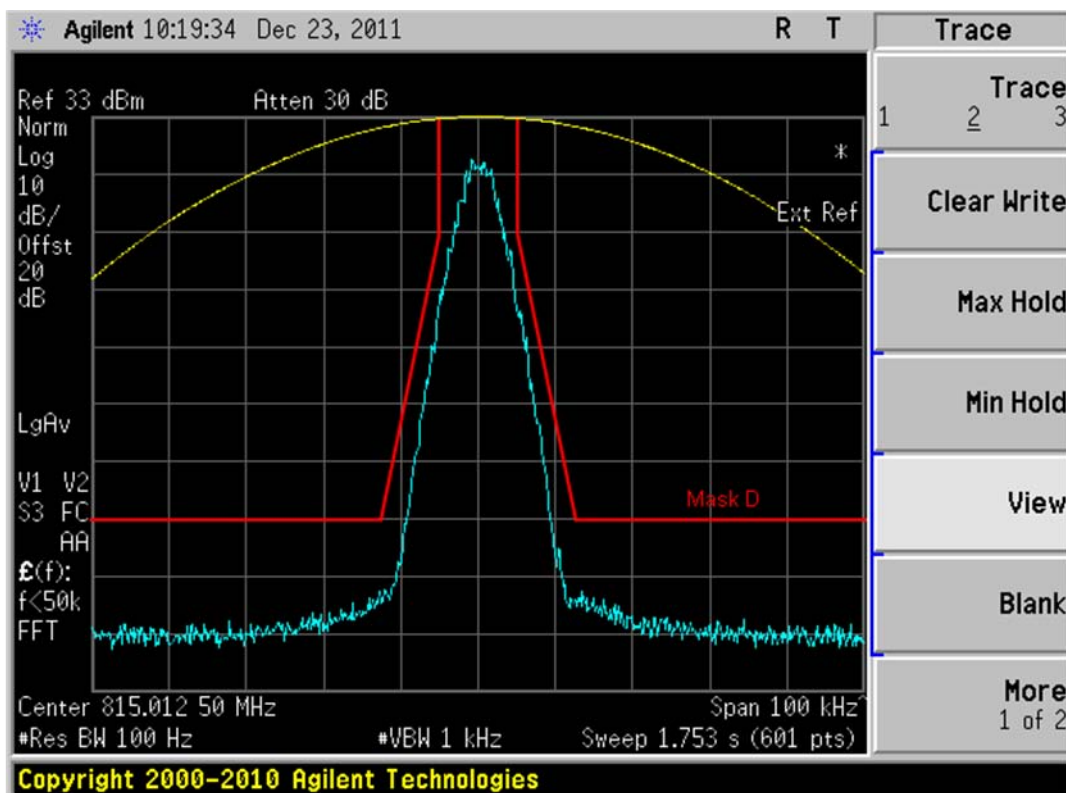
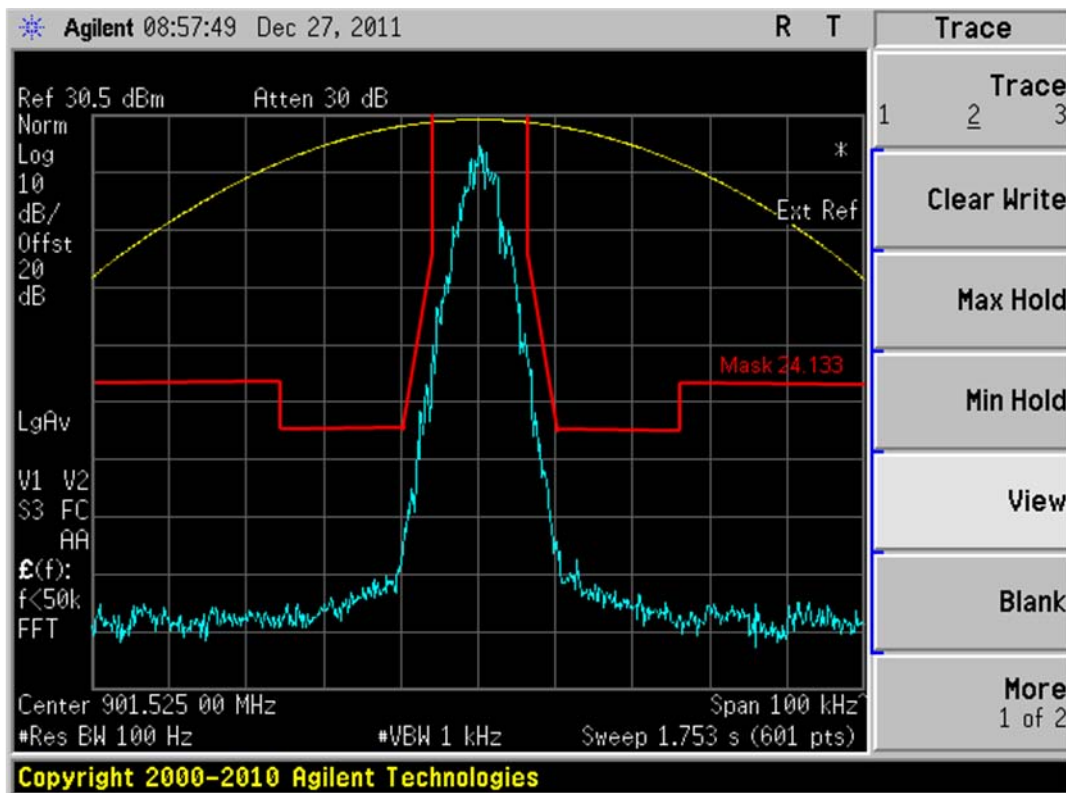


Figure 6E-32: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask 24.133



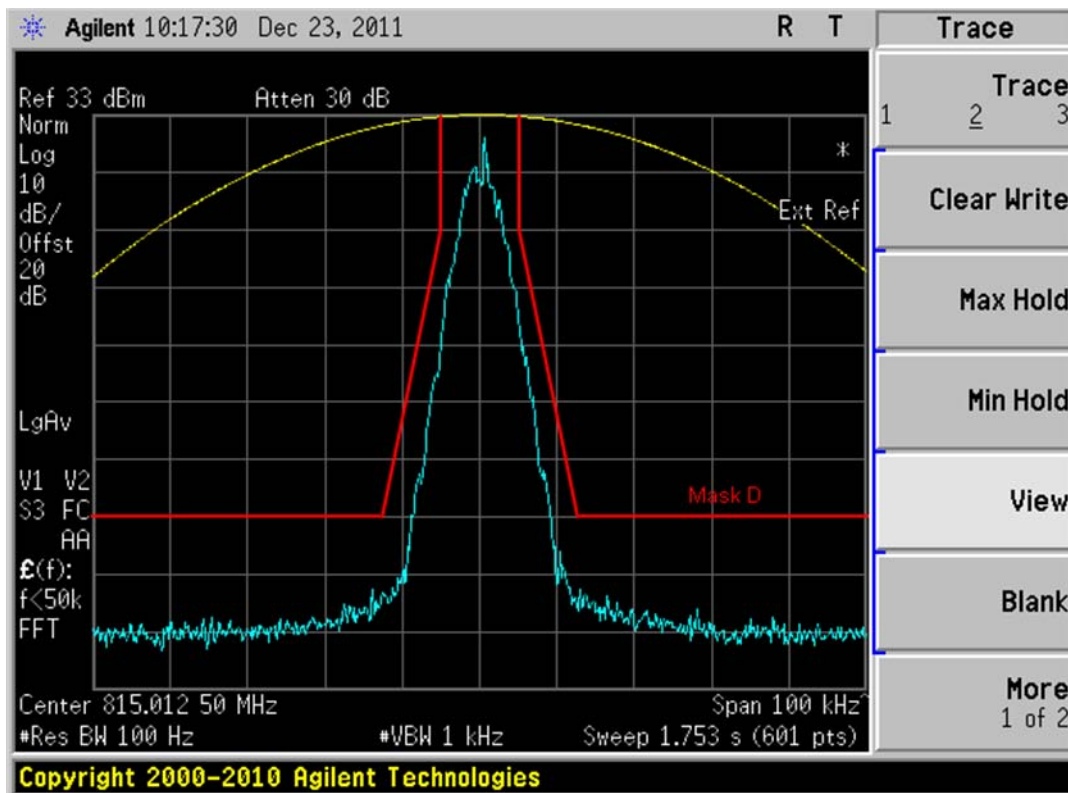


Figure 6E-35: APCO25 Digital Voice, 8K10F1E Mask D

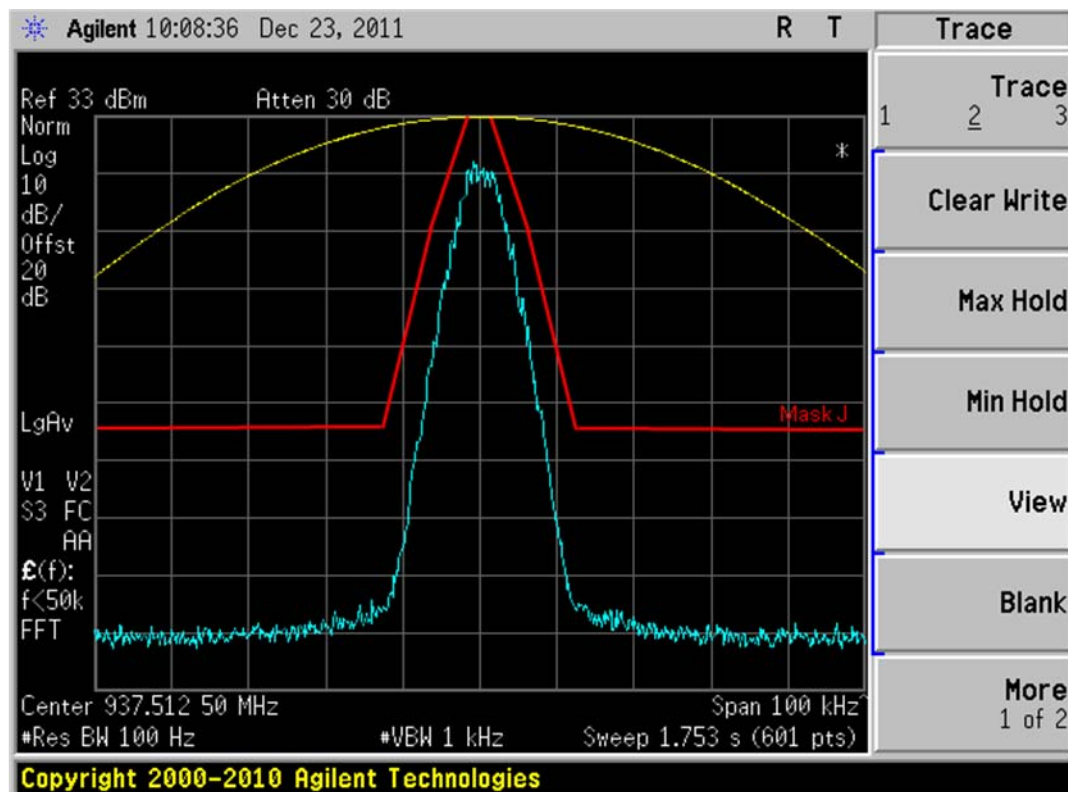


Figure 6E-36: APCO25 Digital Data, 8K10F1D Mask J

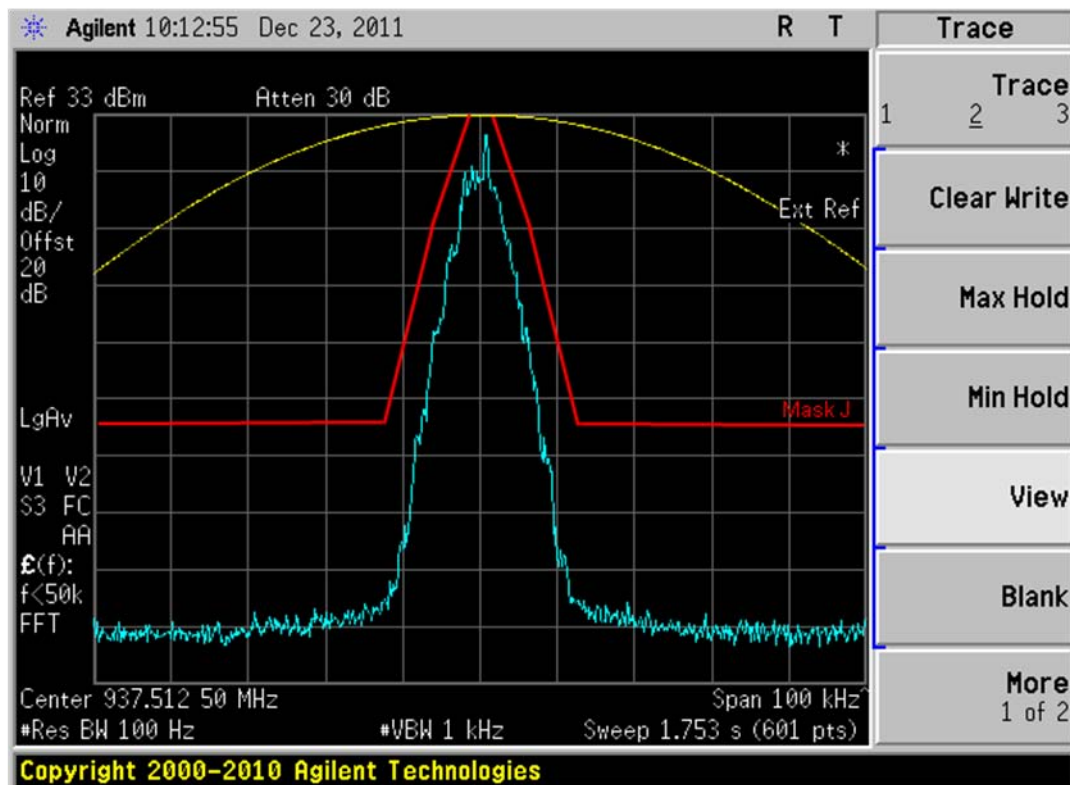


Figure 6E-37: APCO25 Digital Voice, 8K10F1E Mask J

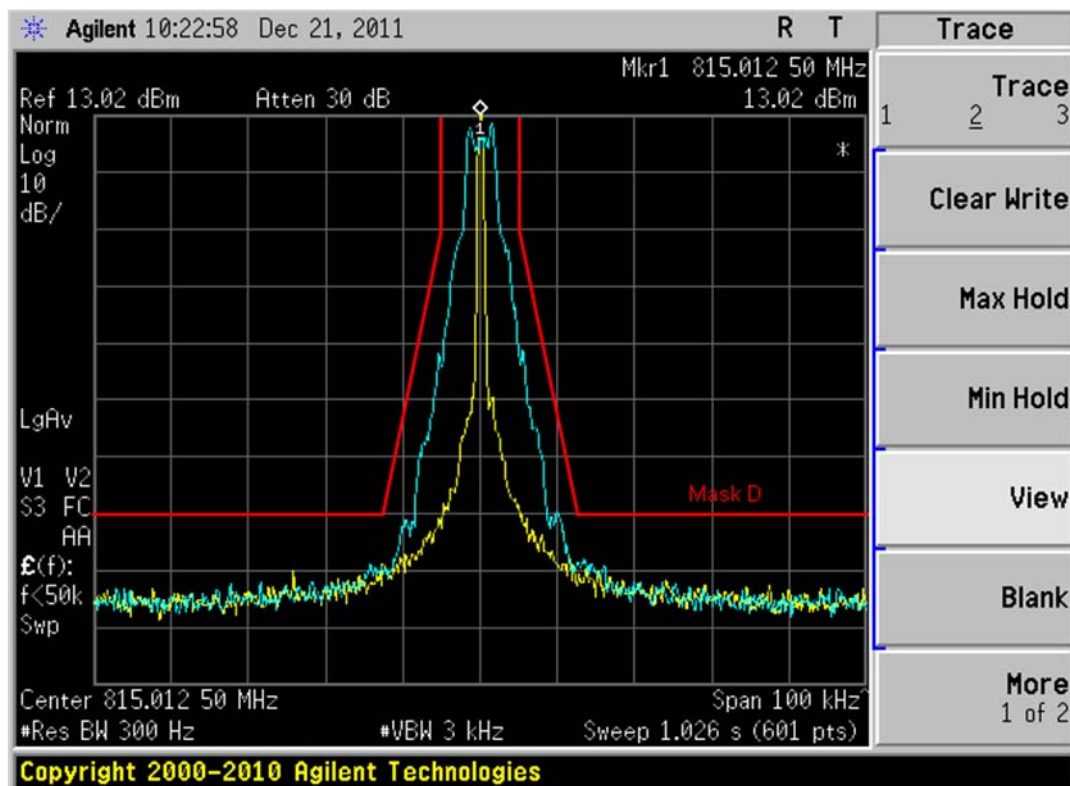


Figure 6E-38: 12.5 kHz Channel Spacing 3600baud Trunking, 11K0F1D Mask D

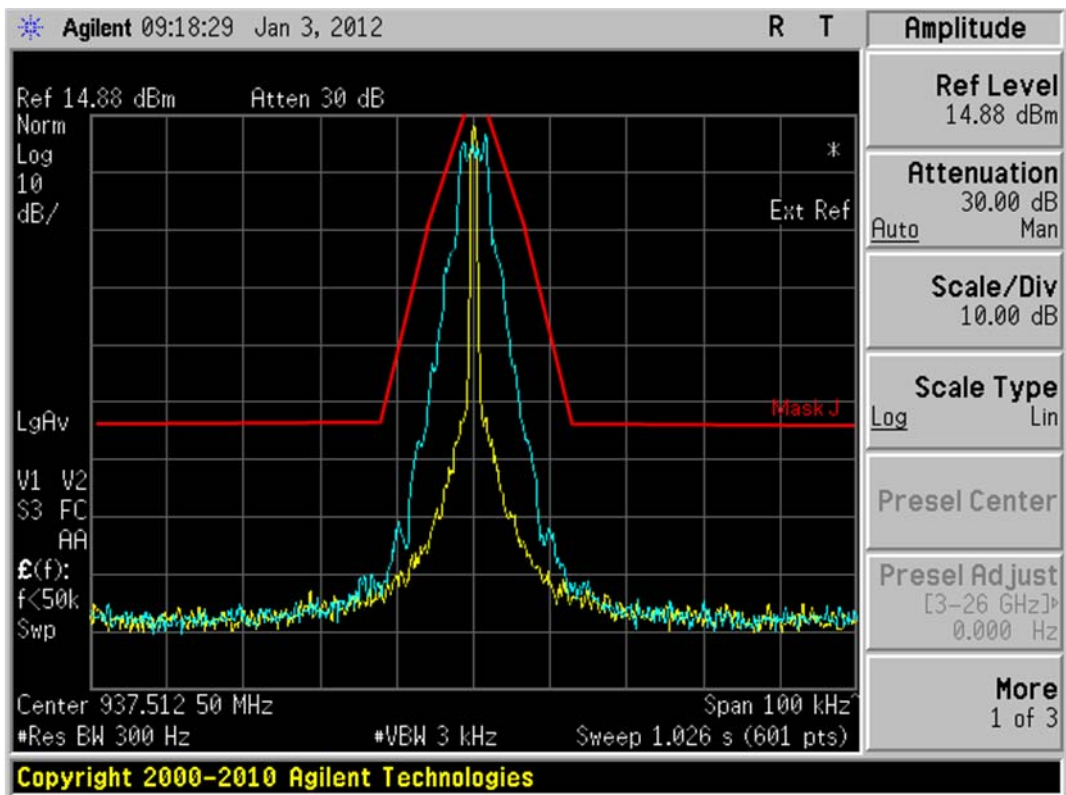


Figure 6E-39: 12.5 kHz Channel Spacing 3600baud Trunking, 11K0F1D Mask J

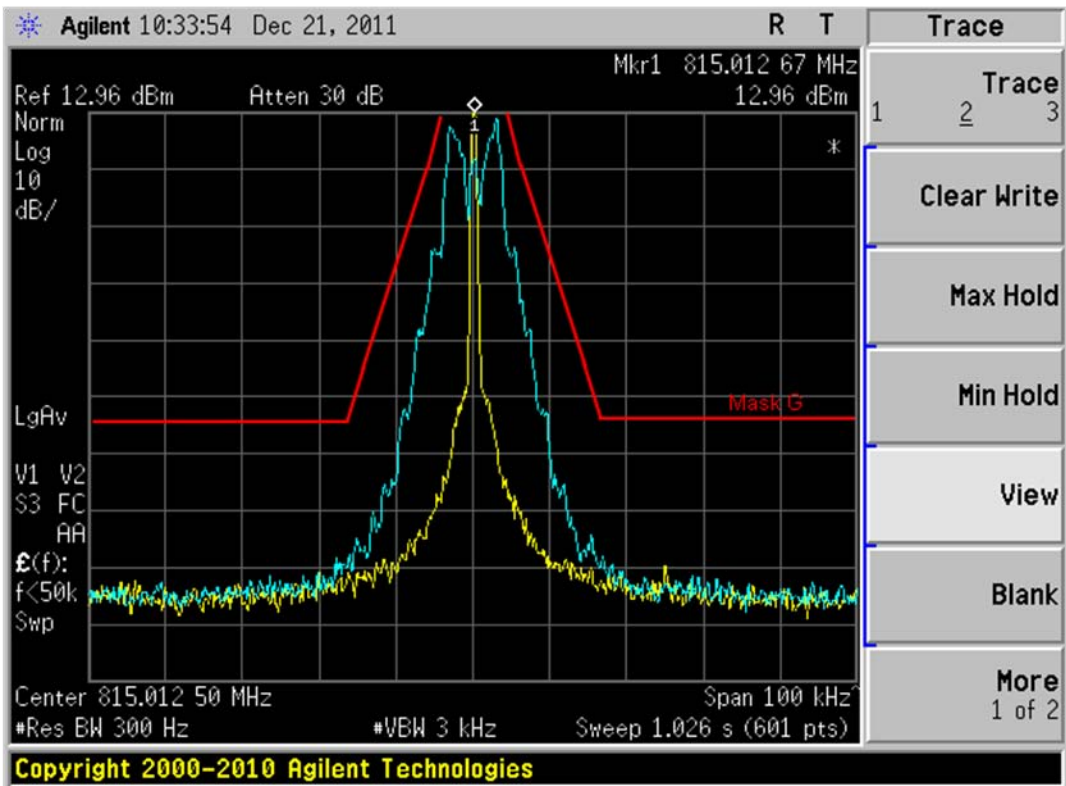


Figure 6E-40: 25 kHz Channel Spacing 3600baud Trunking, 16K0F1D Mask G (Not for FCC Review)

EXHIBIT 6F

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

Note: Display lines on graphs correspond to the FCC limit of – 13dBm (25 kHz) & -20 dBm (12.5 kHz).

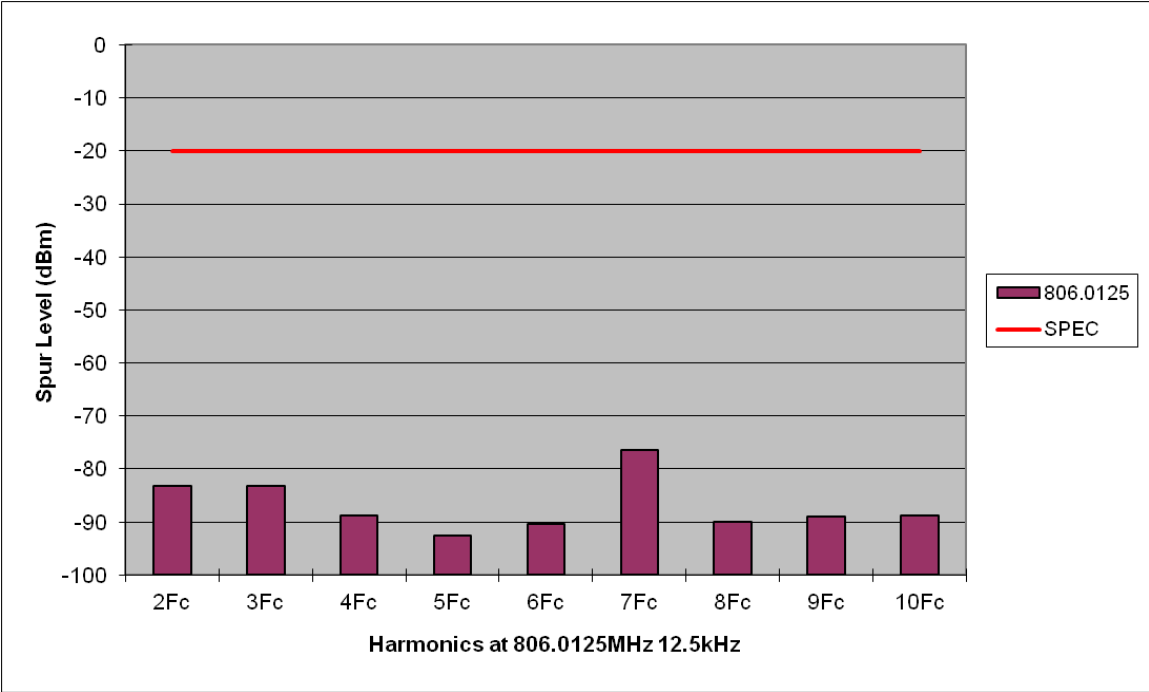


Table 6F-1: 1 Watt Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing

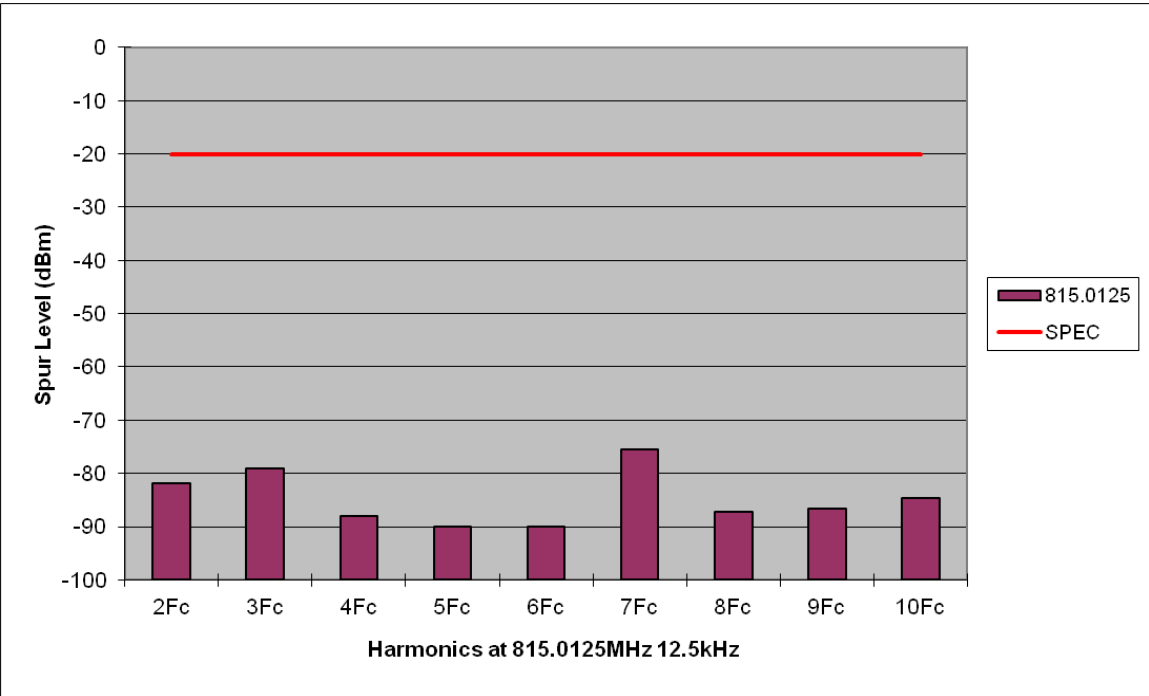


Table 6F-2: 1 Watt Harmonic of Carrier 815.0125 MHz, 12.5 kHz Channel Spacing

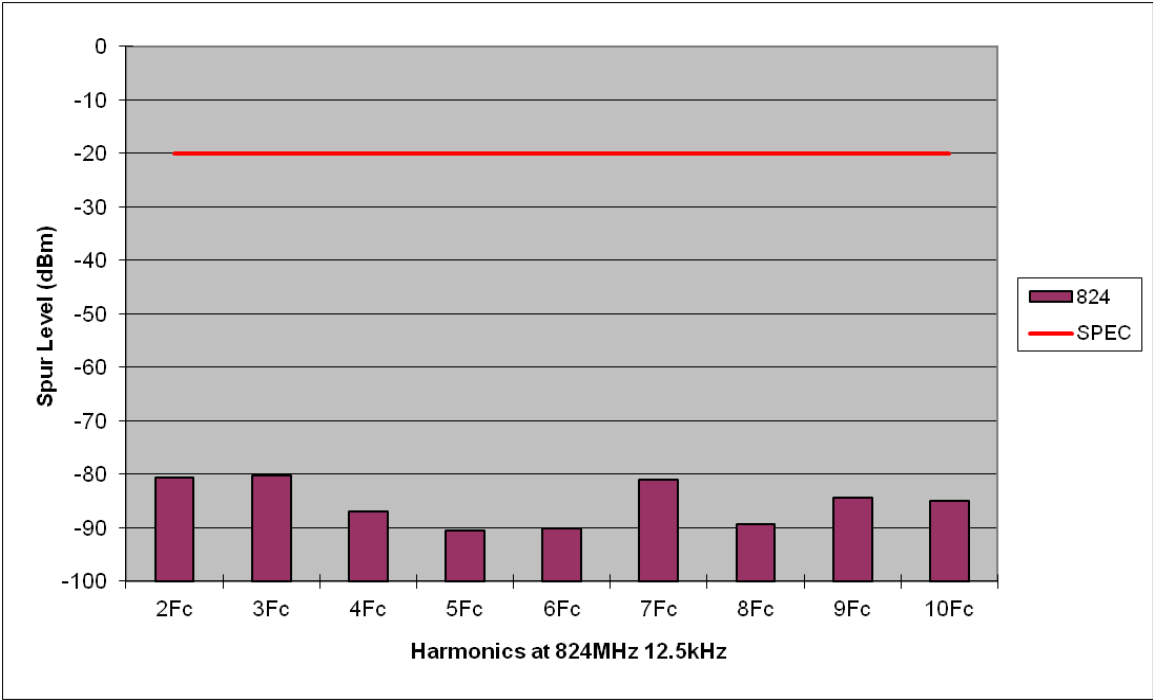


Table 6F-3: 1 Watt Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing

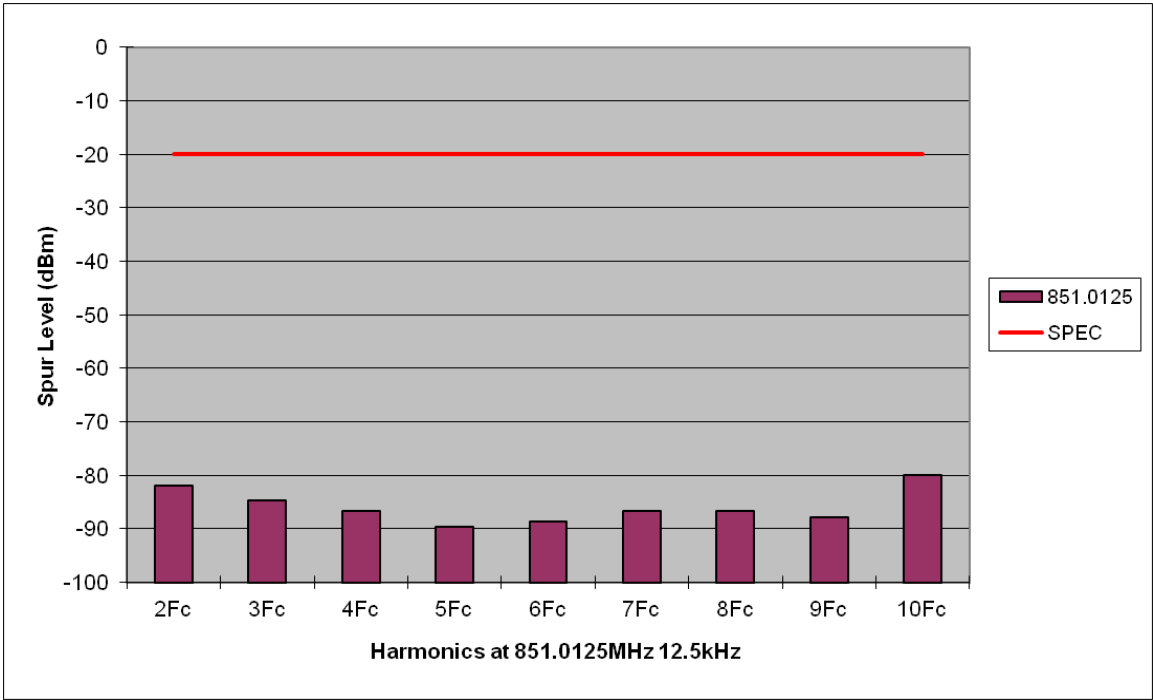


Table 6F-4: 1 Watt Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing

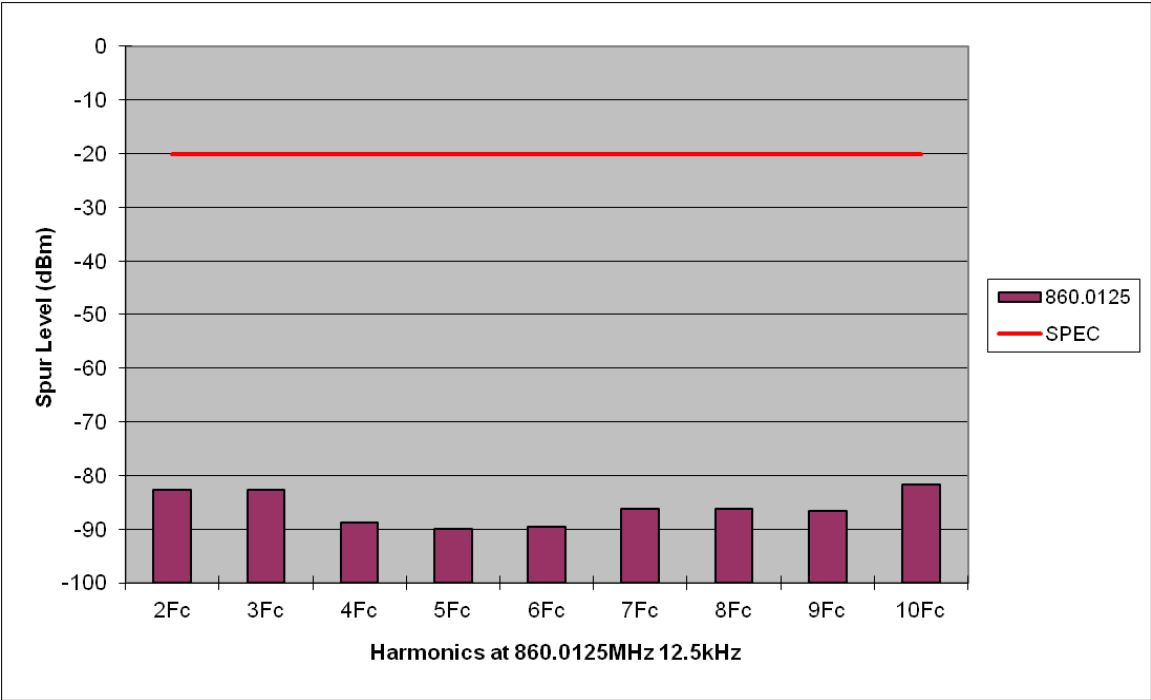


Table 6F-5: 1 Watt Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing

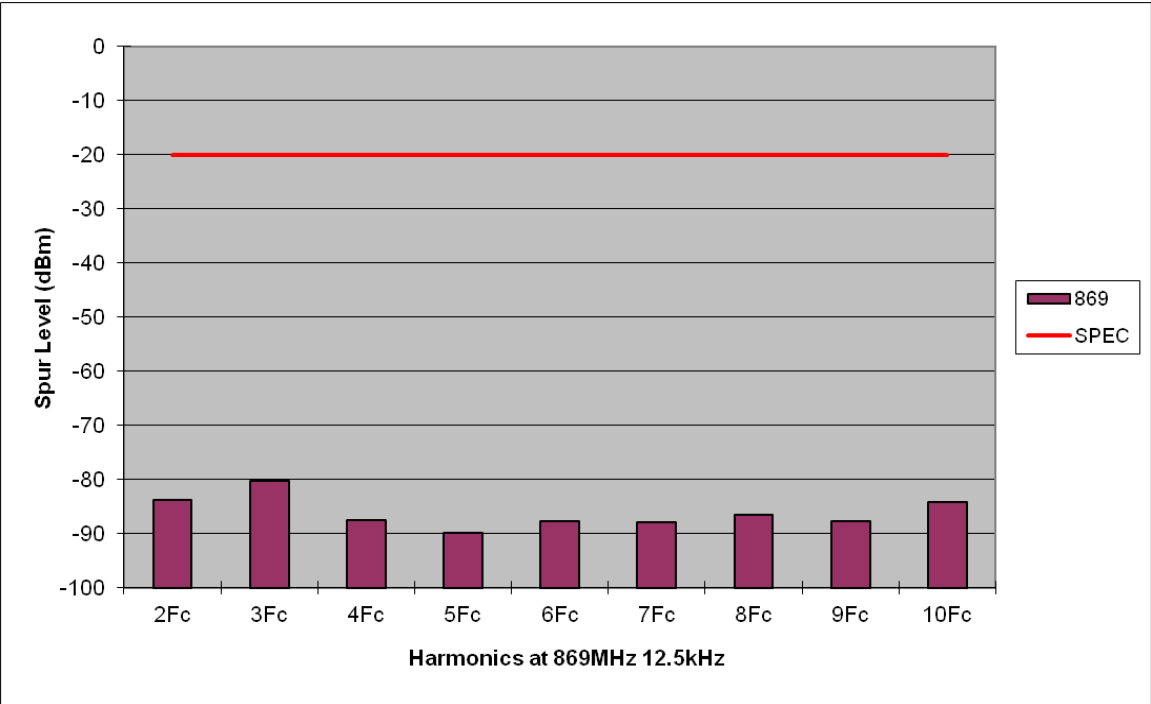
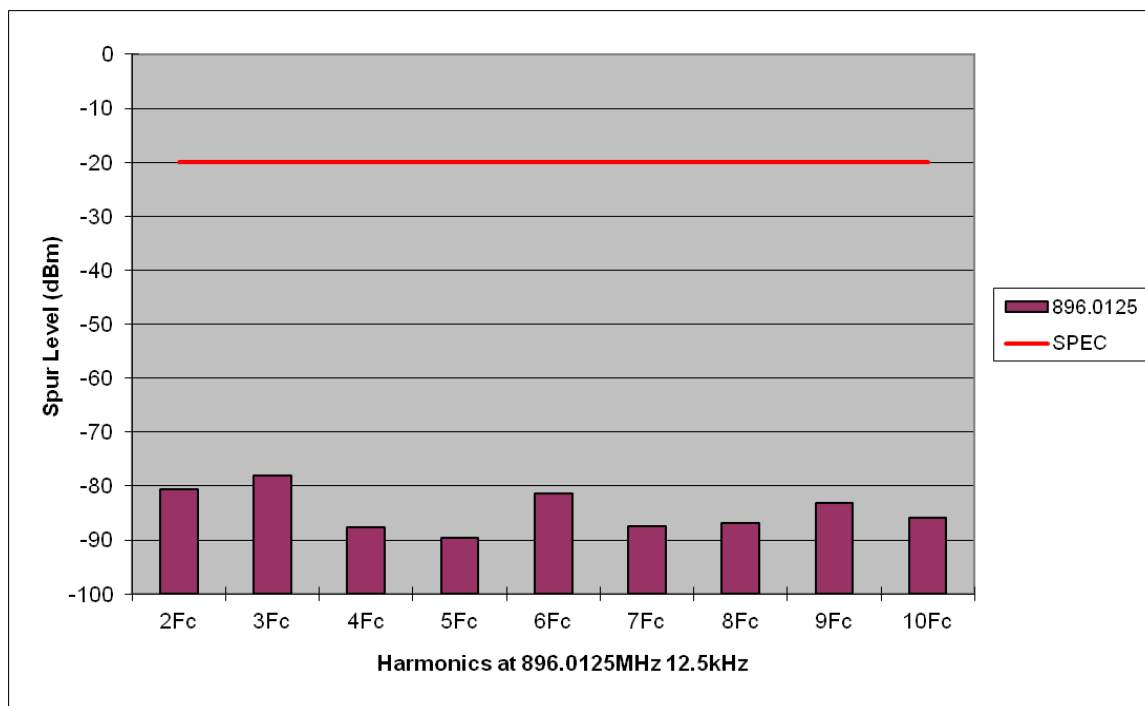
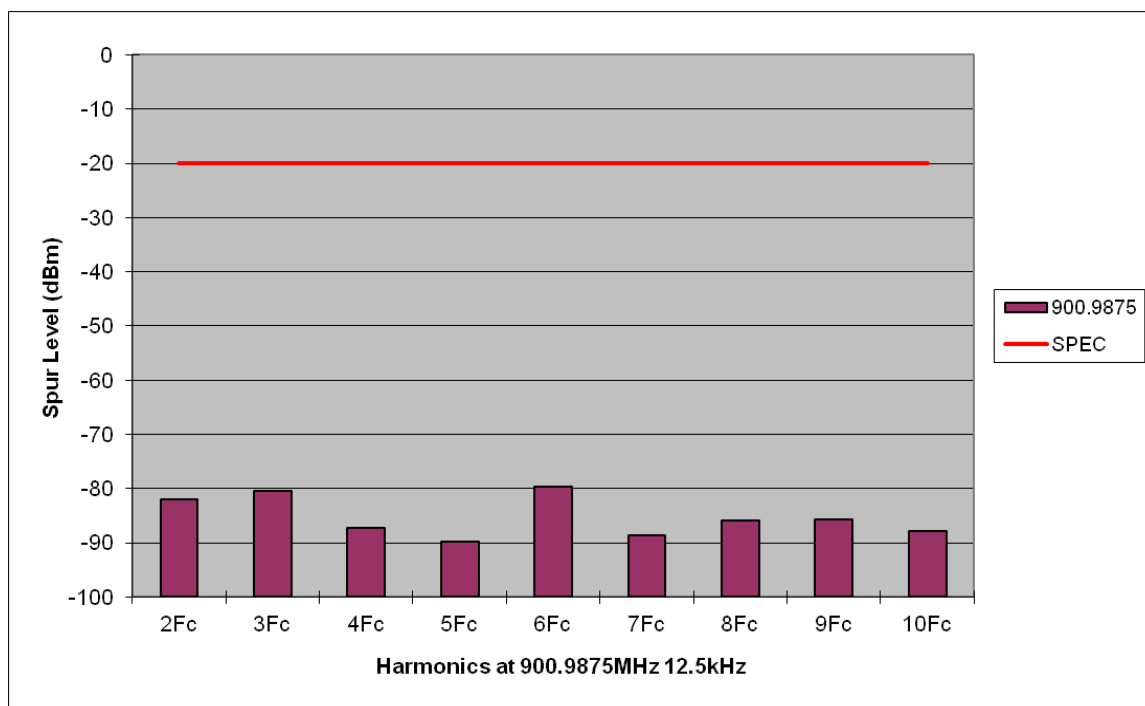


Table 6F-6: 1 Watt Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing

**Table 6F-7:** 1 Watt Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing**Table 6F-8:** 1 Watt Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing

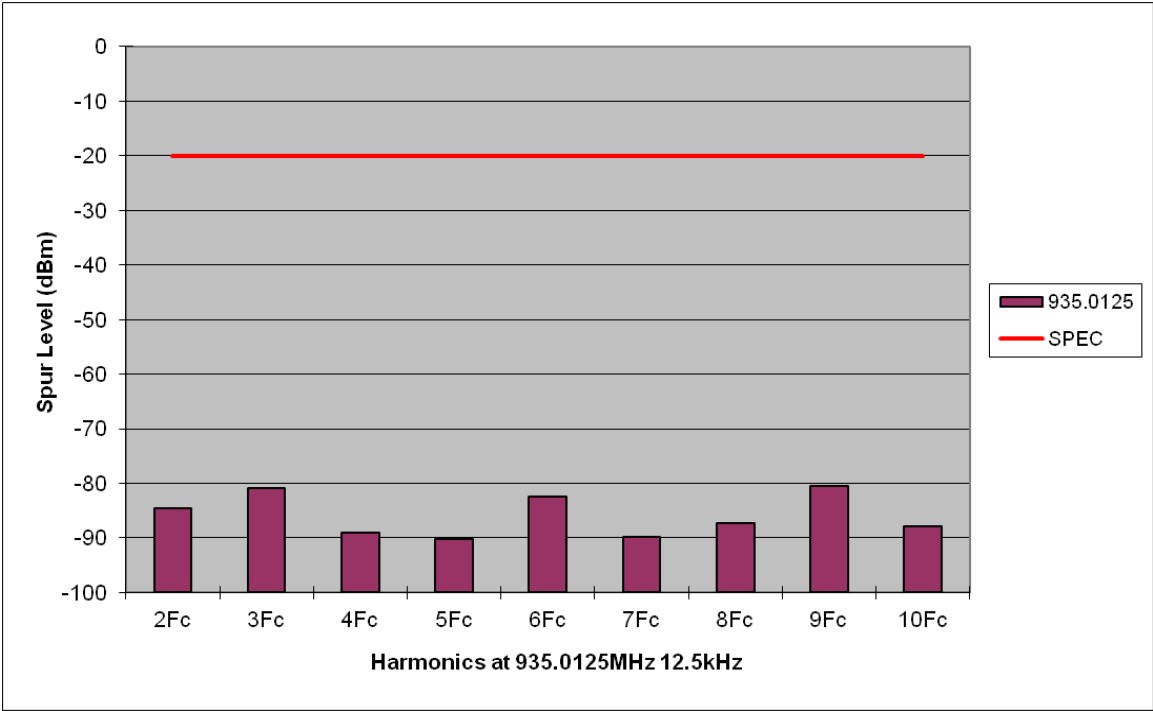


Table 6F-9: 1 Watt Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing

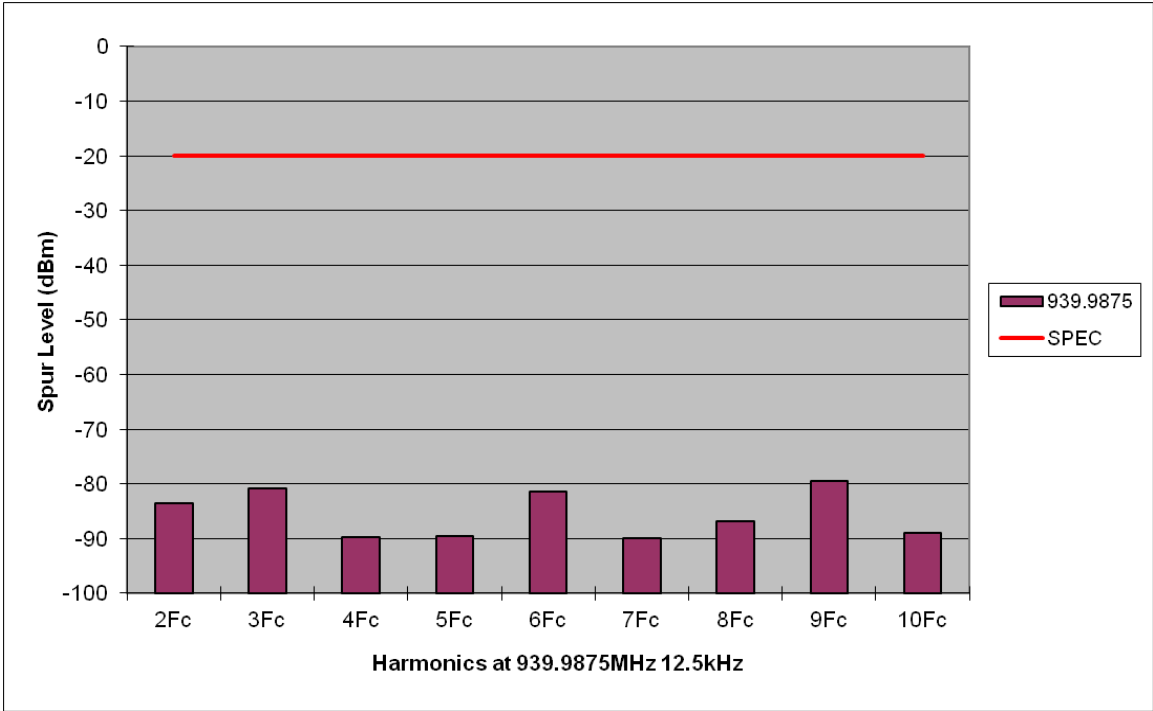


Table 6F-10: 1 Watt Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing

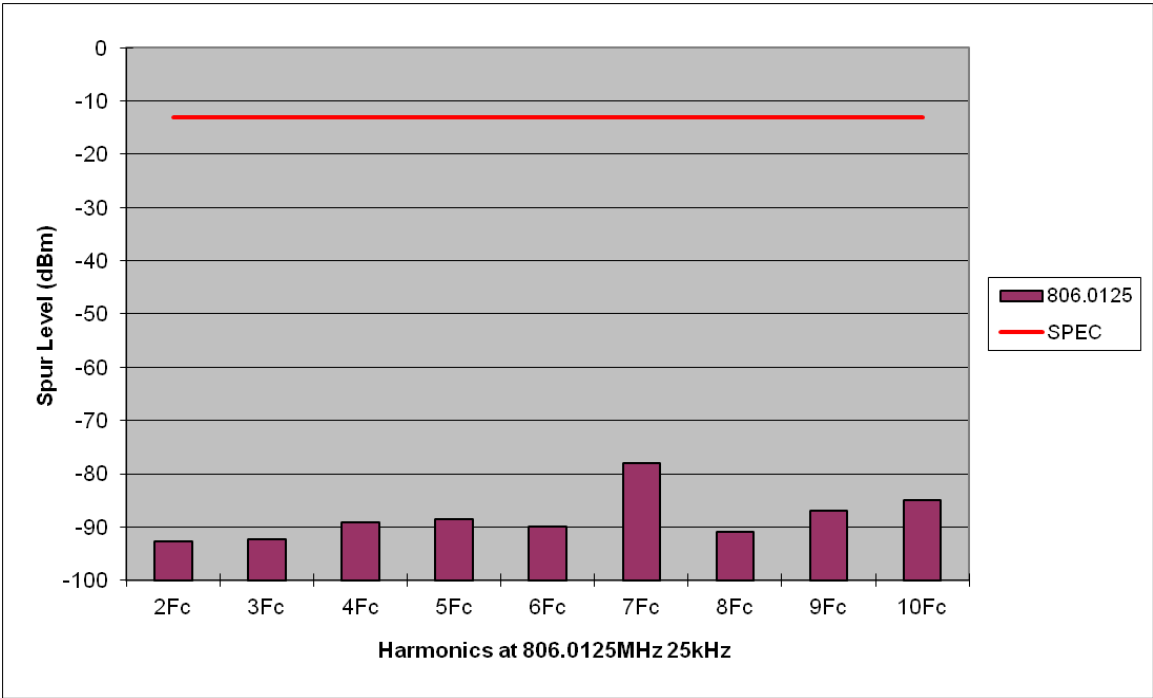


Table 6F-11: 1 Watt Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

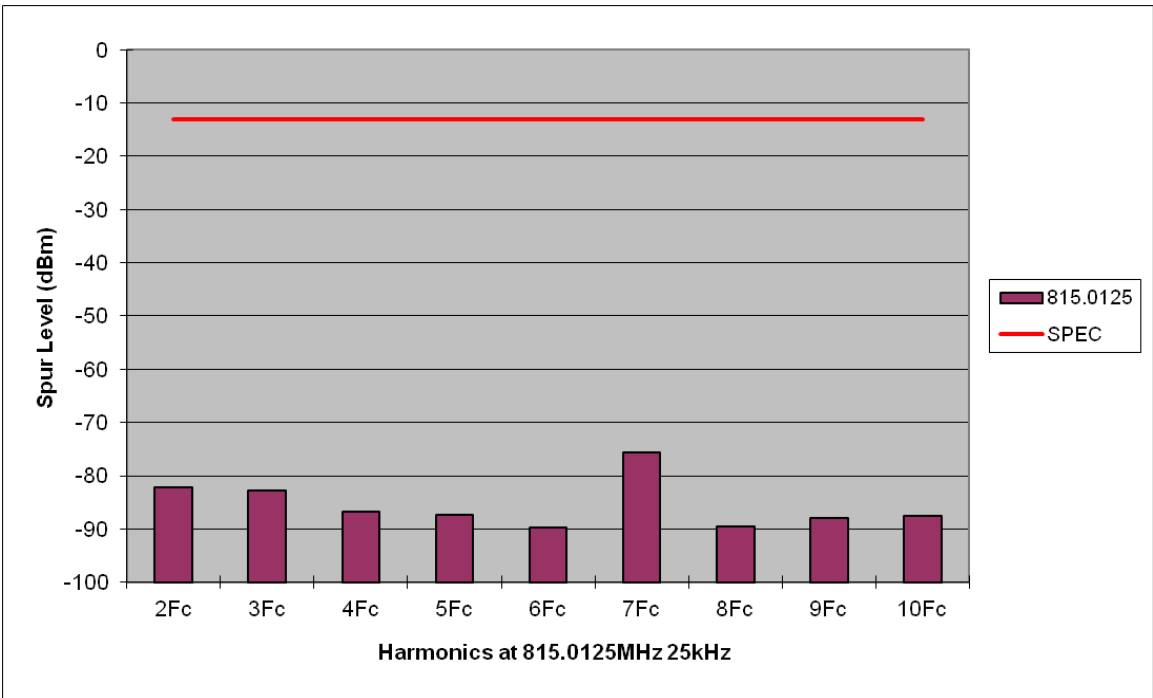


Table 6F-12: 1 Watt Harmonic of Carrier 815.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

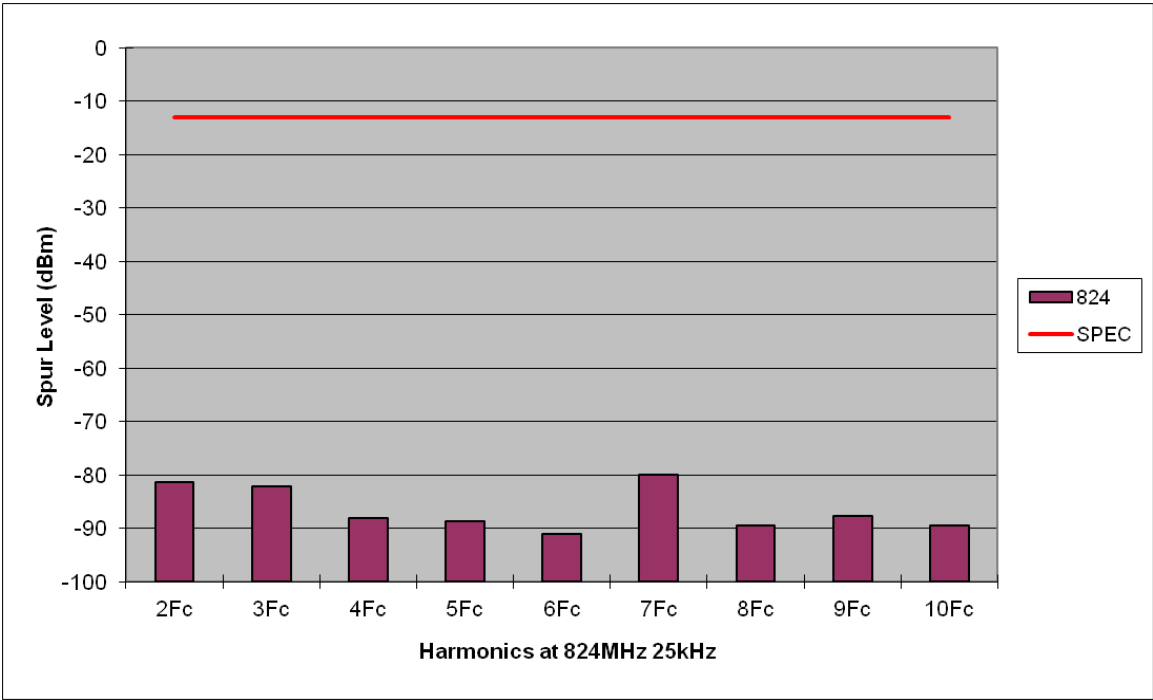


Table 6F-13: 1 Watt Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

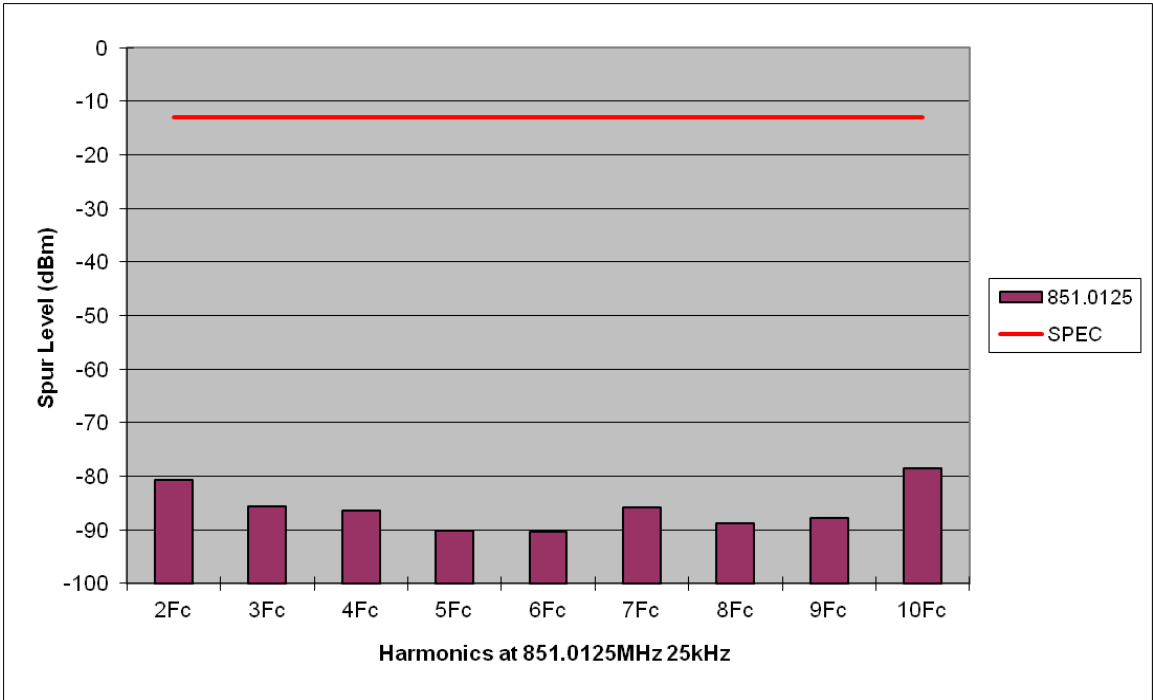
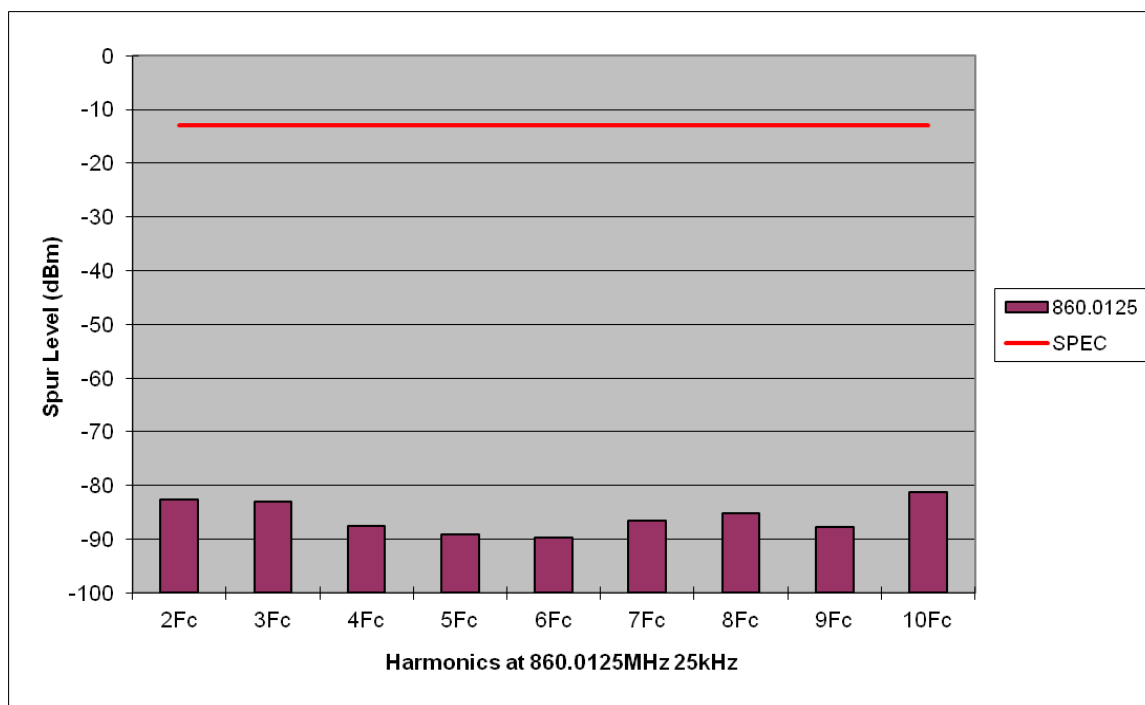
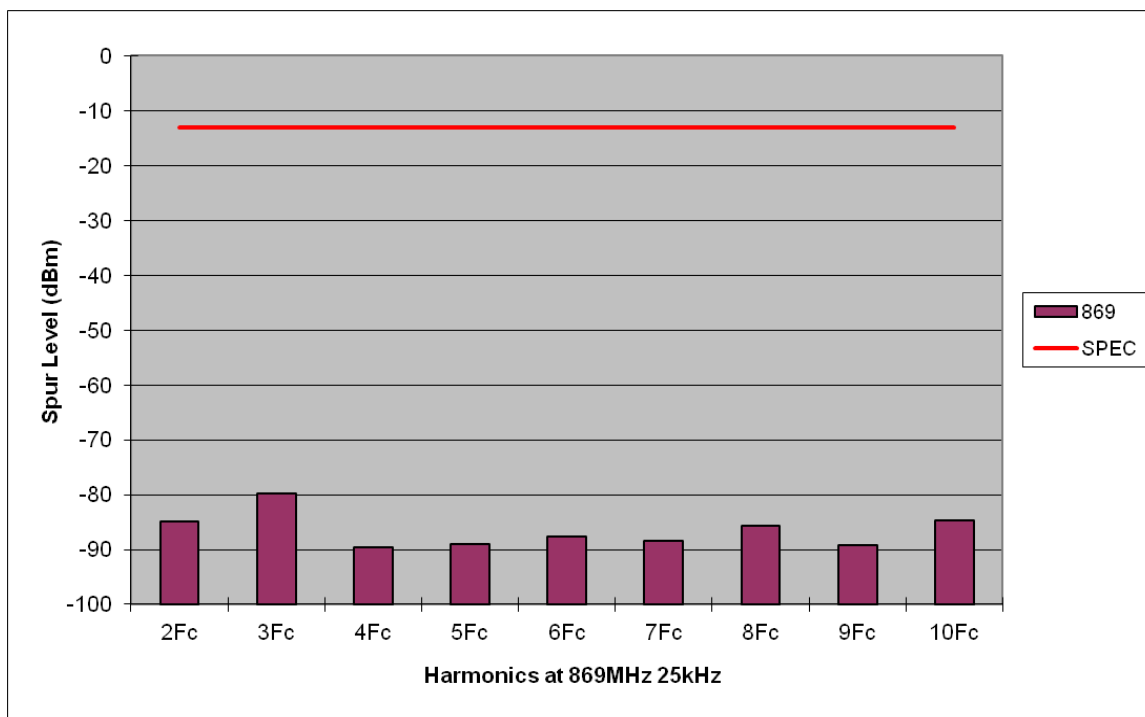
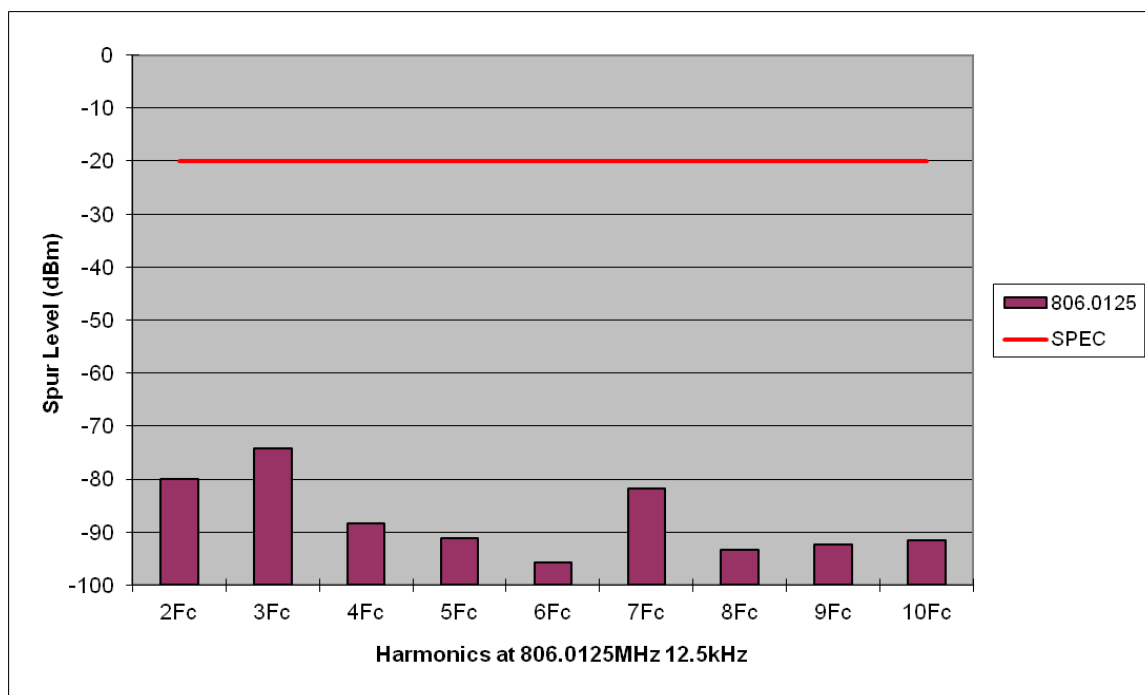
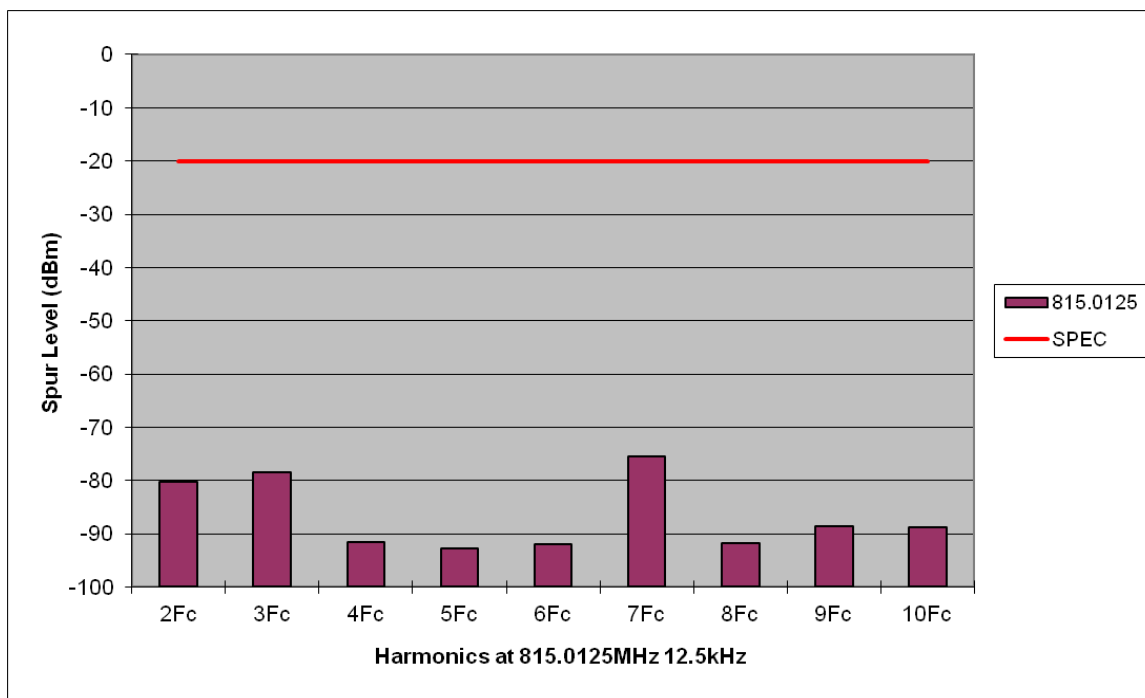


Table 6F-14: 1 Watt Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

**Table 6F-15:** 1 Watt Harmonic of Carrier 860.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)**Table 6F-16:** 1 Watt Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

**Table 6F-17:** 2 Watts Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing**Table 6F-18:** 2 Watts Harmonic of Carrier 815.0125 MHz, 12.5 kHz Channel Spacing

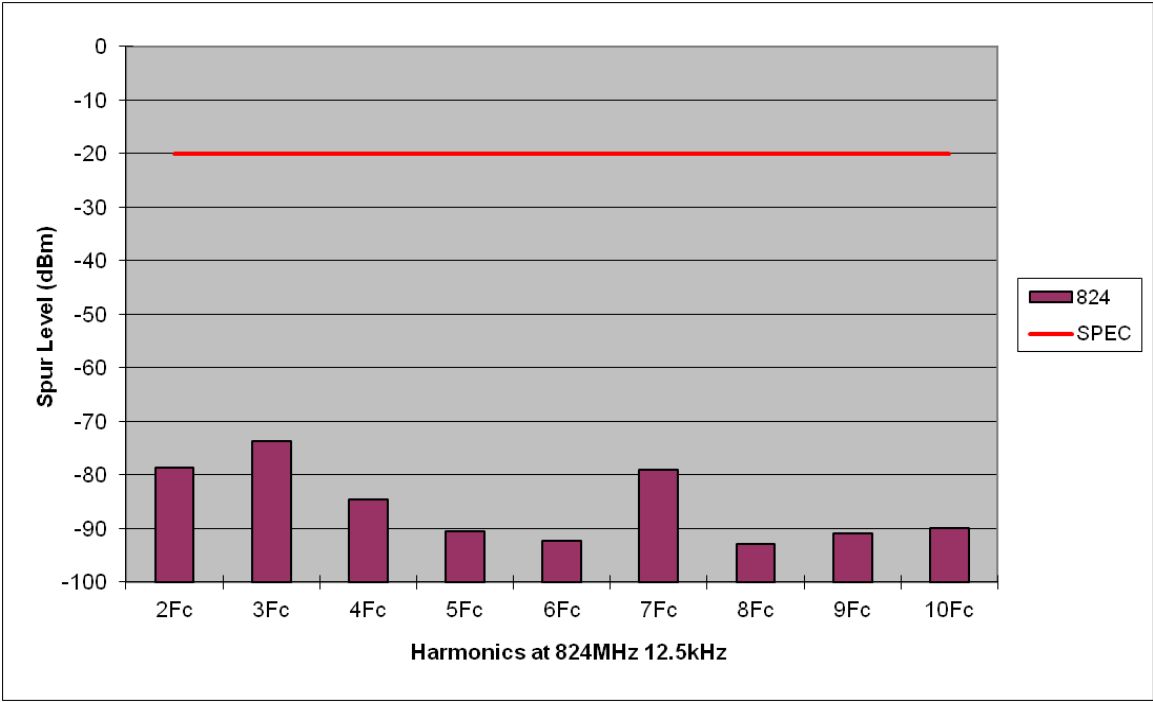


Table 6F-19: 2 Watts Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing

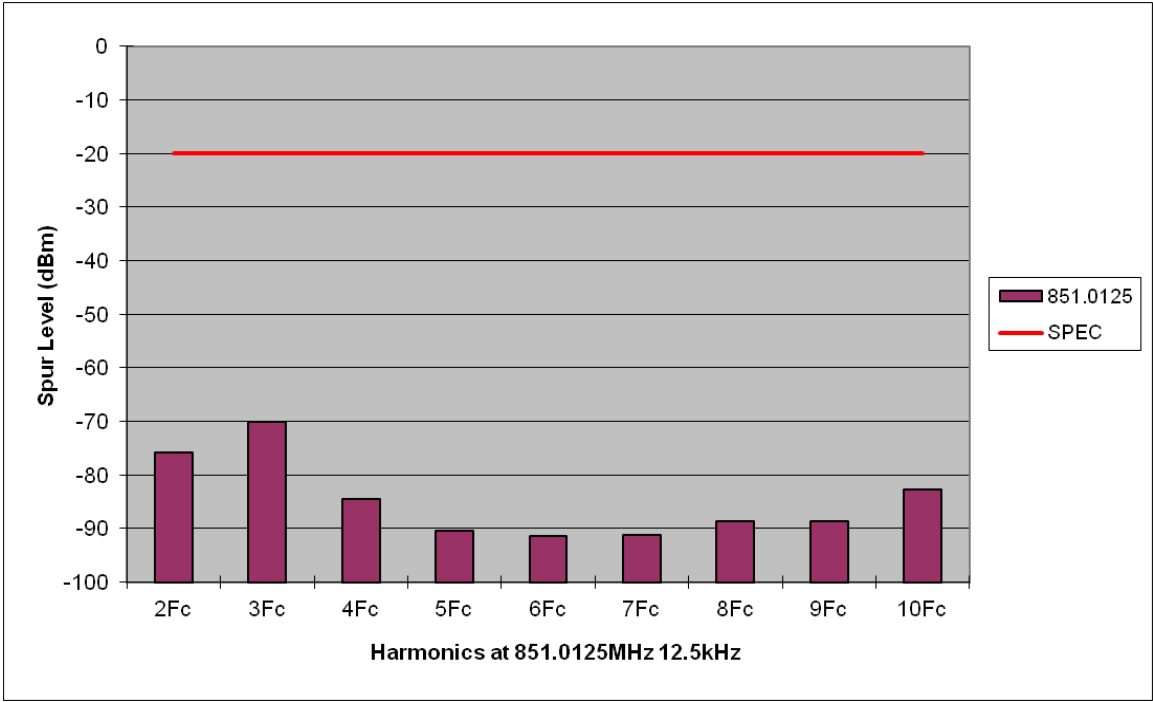
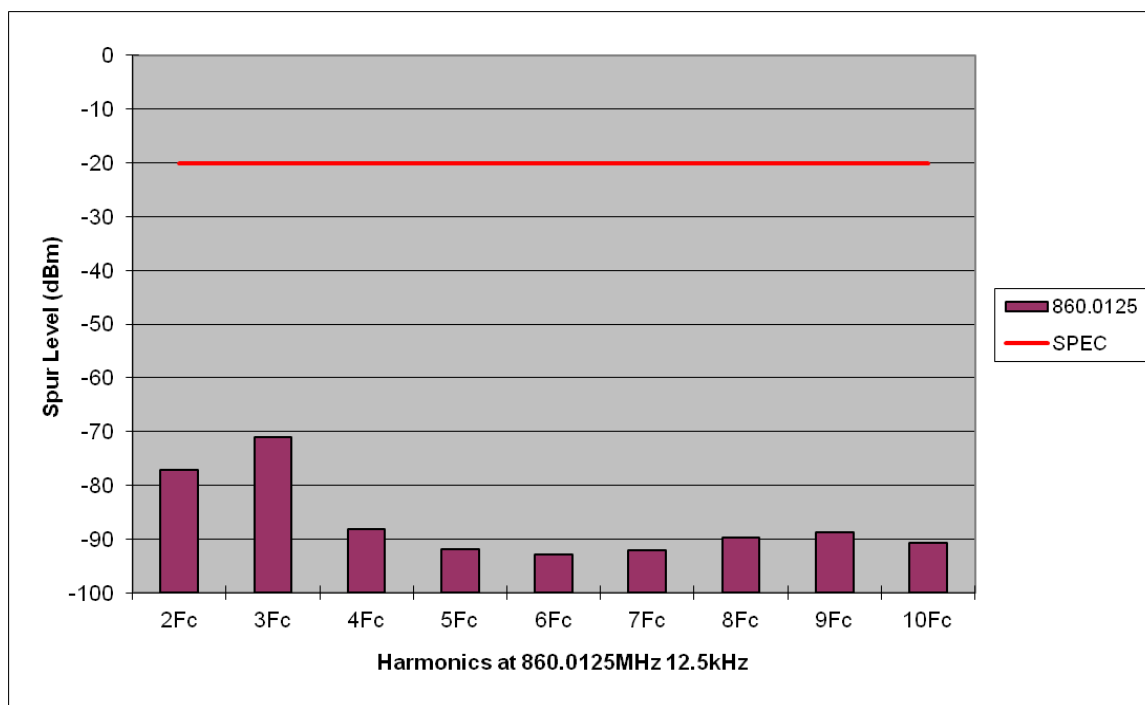
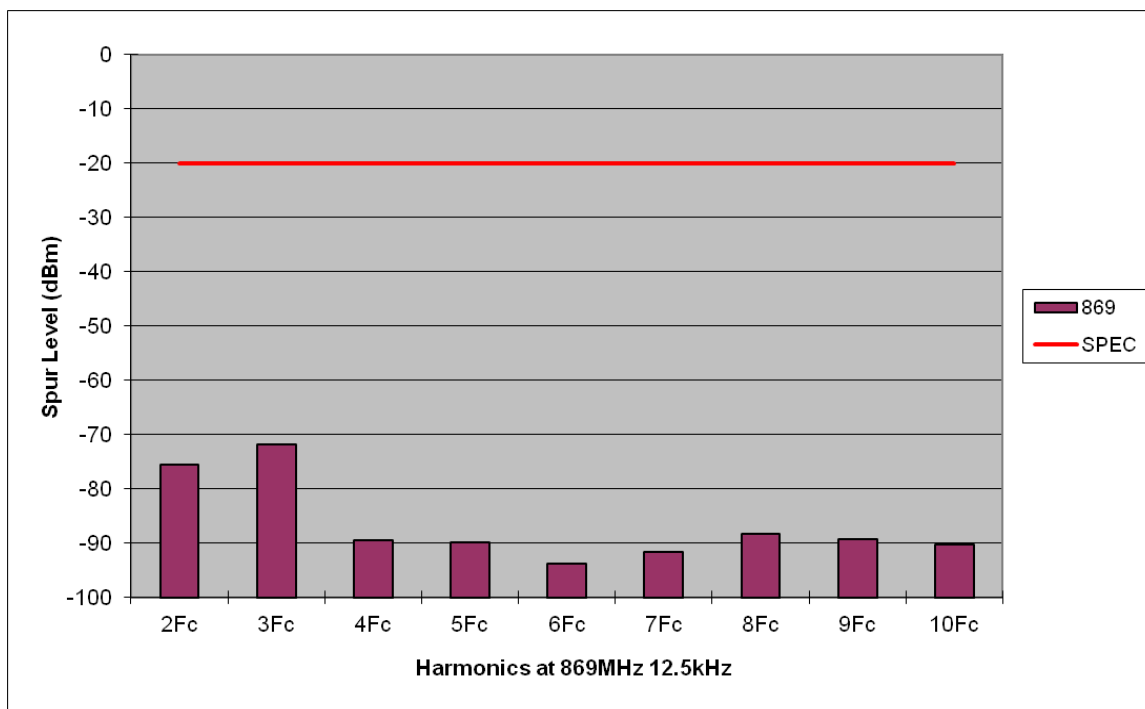
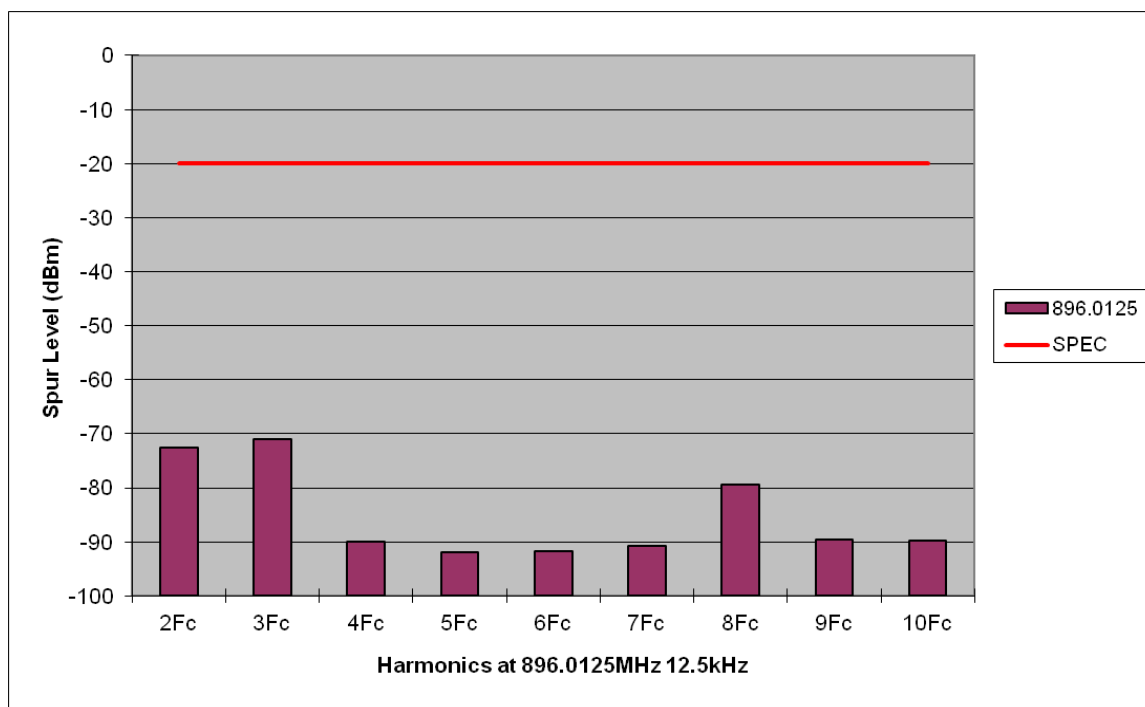
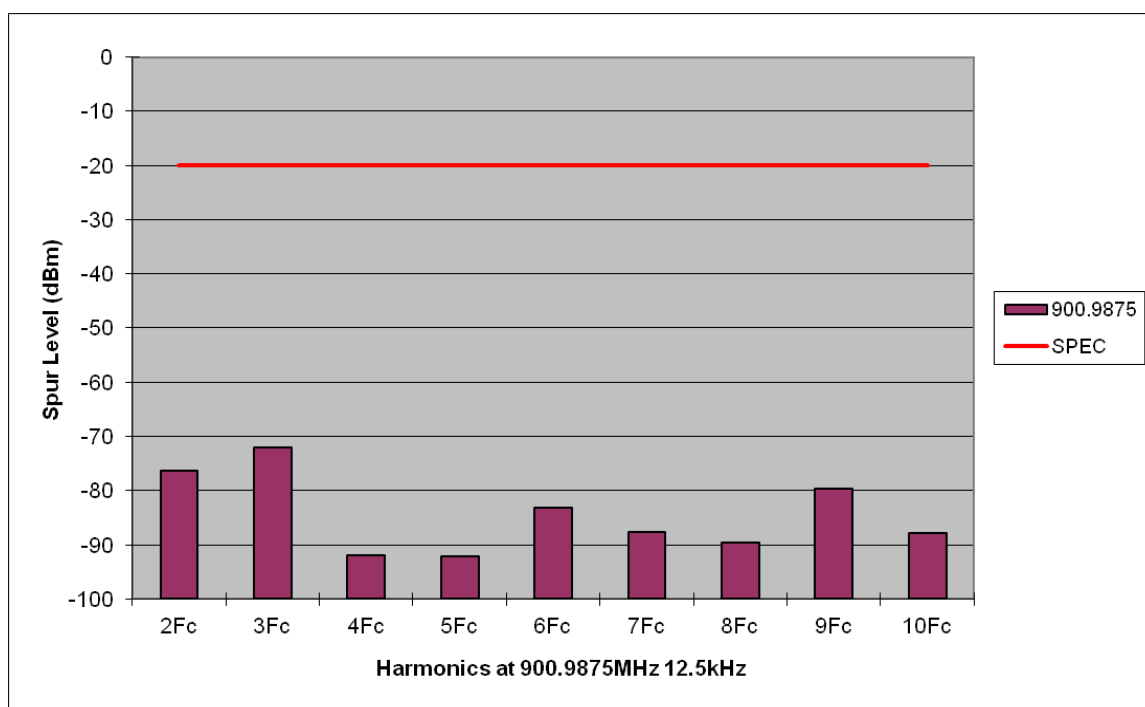


Table 6F-20: 2 Watts Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing

**Table 6F-21:** 2 Watts Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing**Table 6F-22:** 2 Watts Harmonic of Carrier 868.9875 MHz, 12.5 kHz Channel Spacing

**Table 6F-23:** 2 Watts Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing**Table 6F-24:** 2 Watts Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing

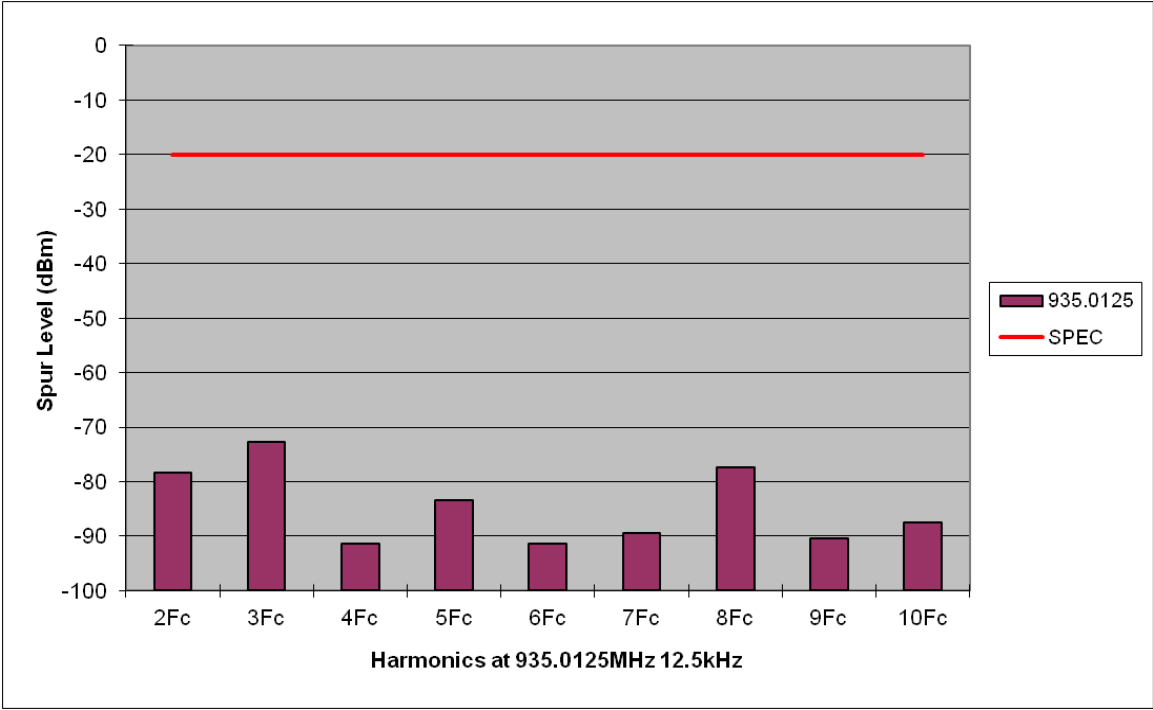


Table 6F-25: 2 Watts Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing

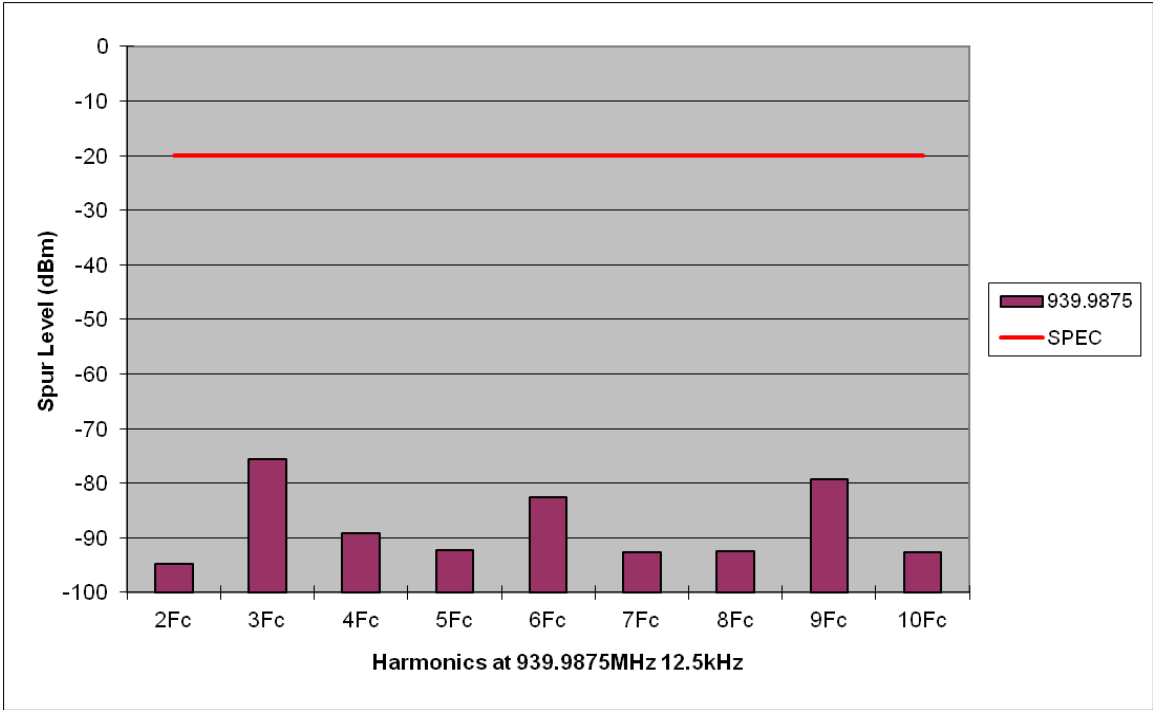


Table 6F-26: 2 Watts Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing

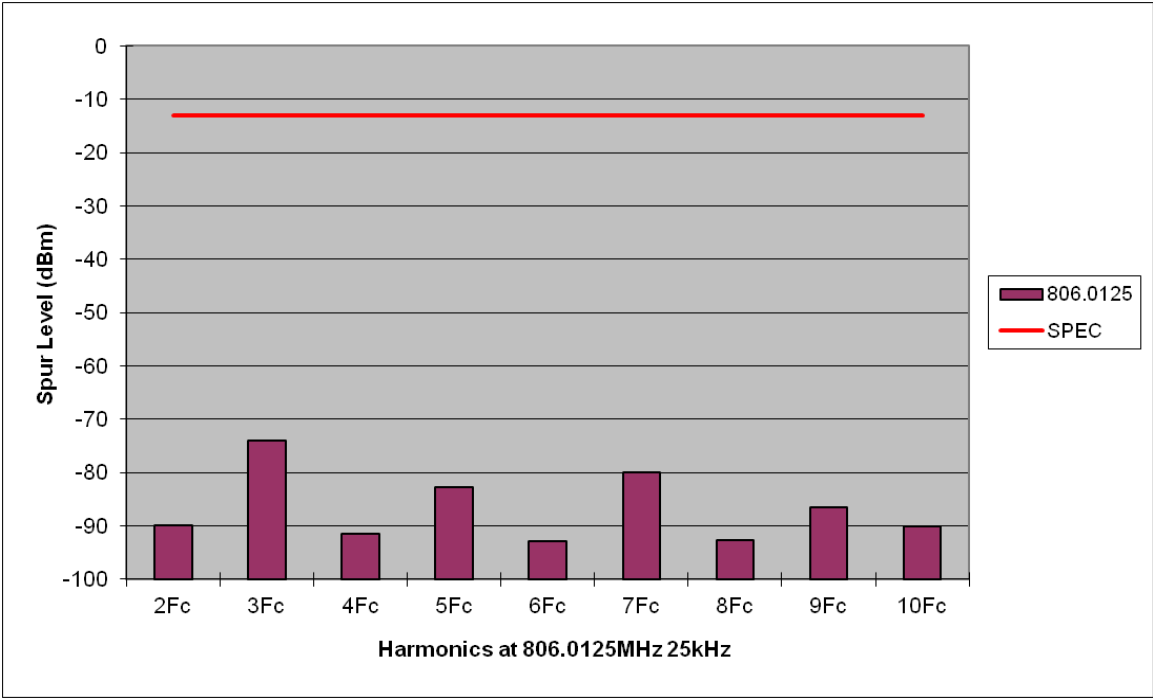


Table 6F-27: 2.65 Watts Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

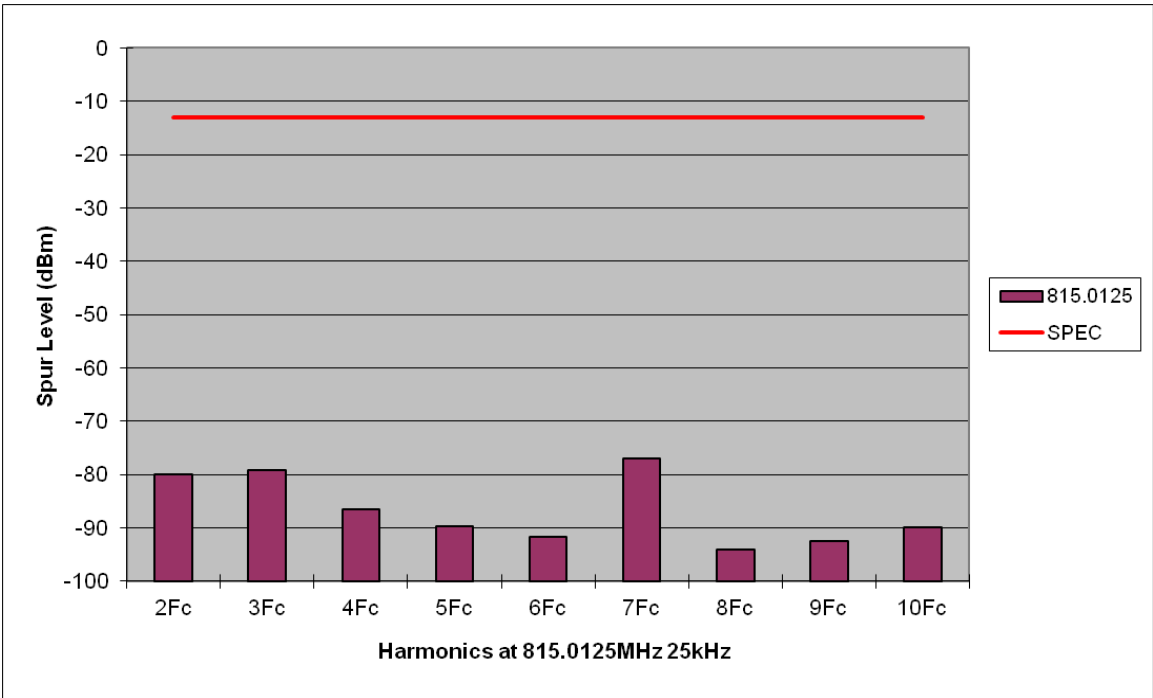


Table 6F-28: 2.65 Watts Harmonic of Carrier 815.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

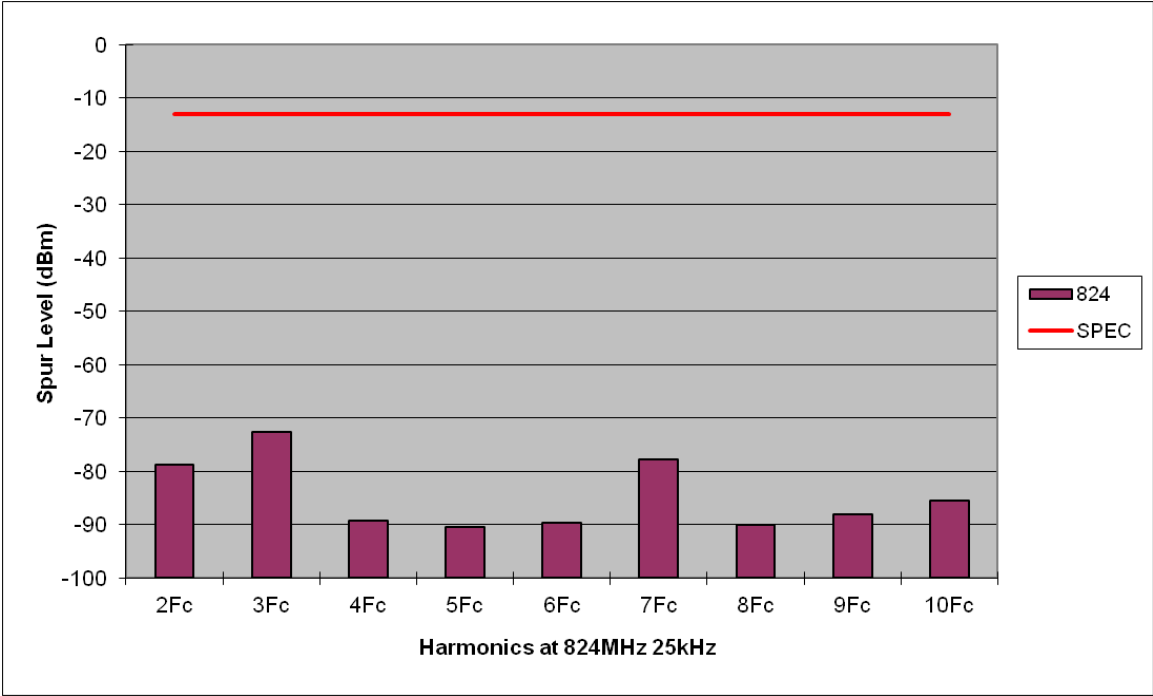


Table 6F-29: 2.65 Watts Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

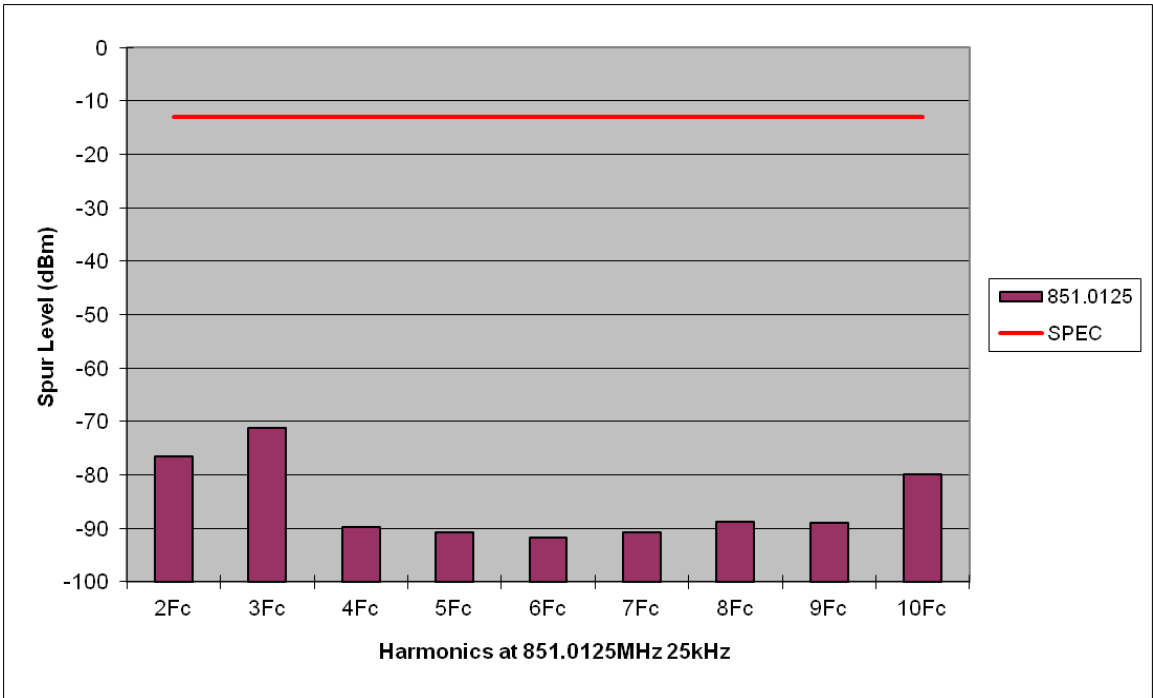


Table 6F-30: 2.65 Watts Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

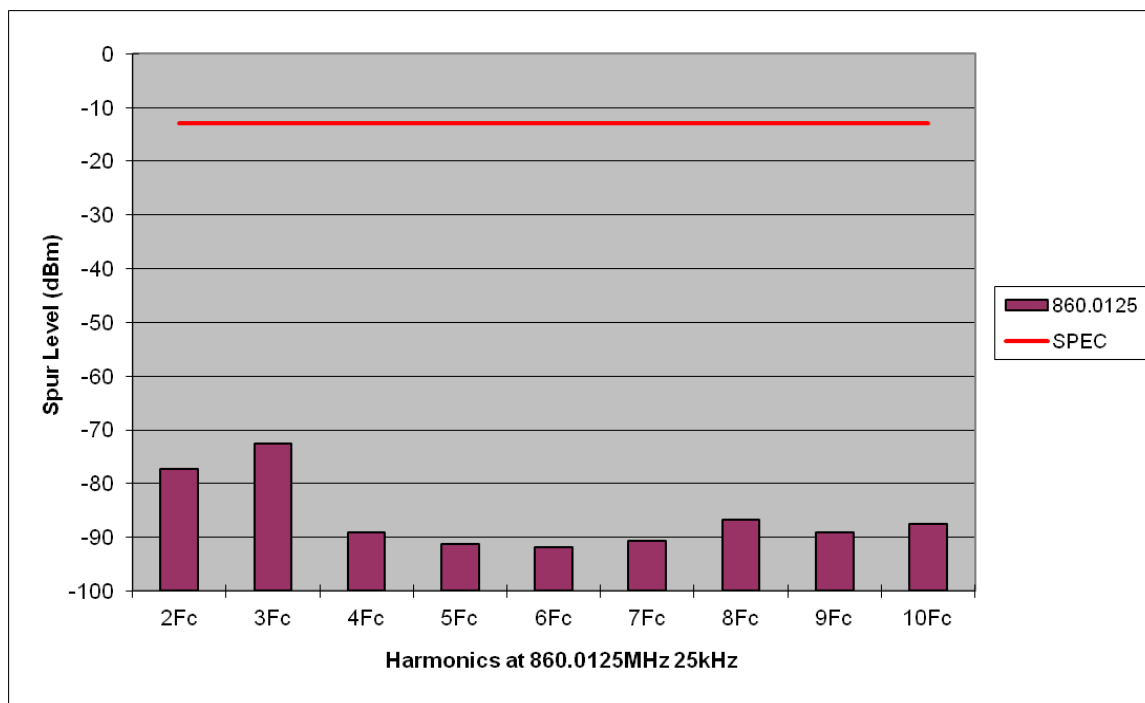
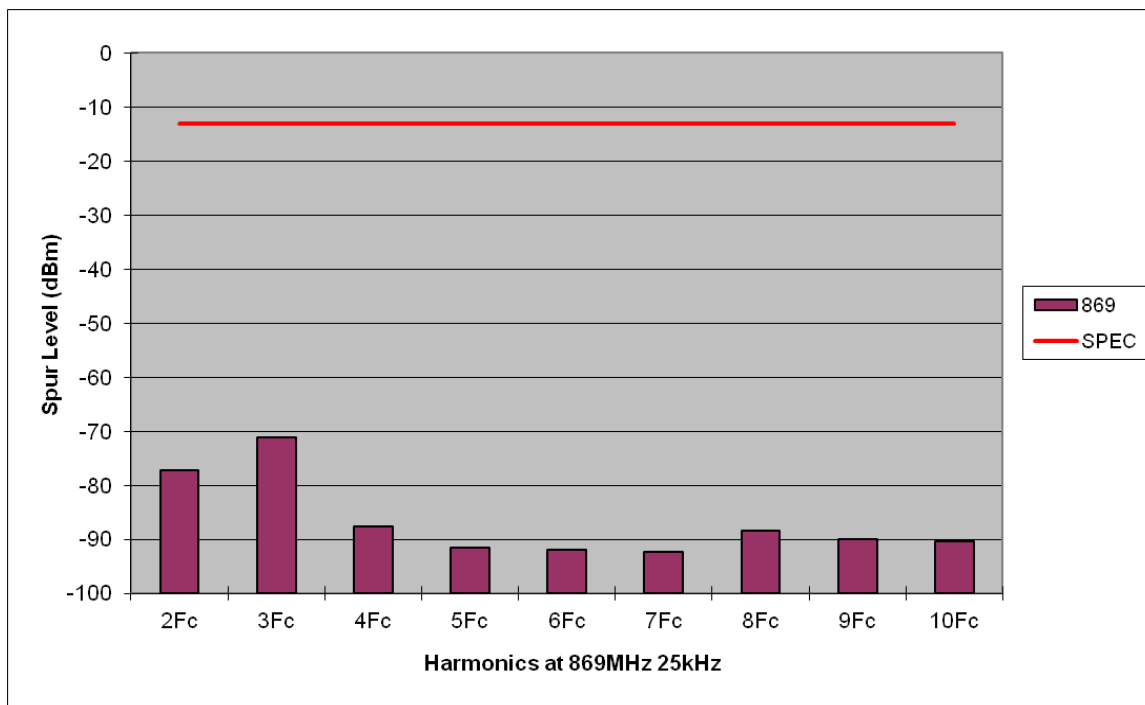
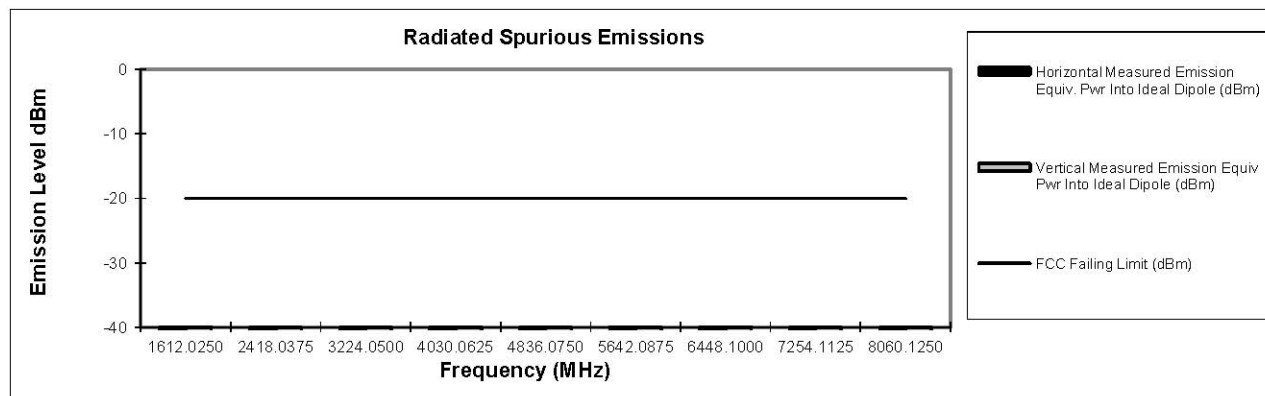
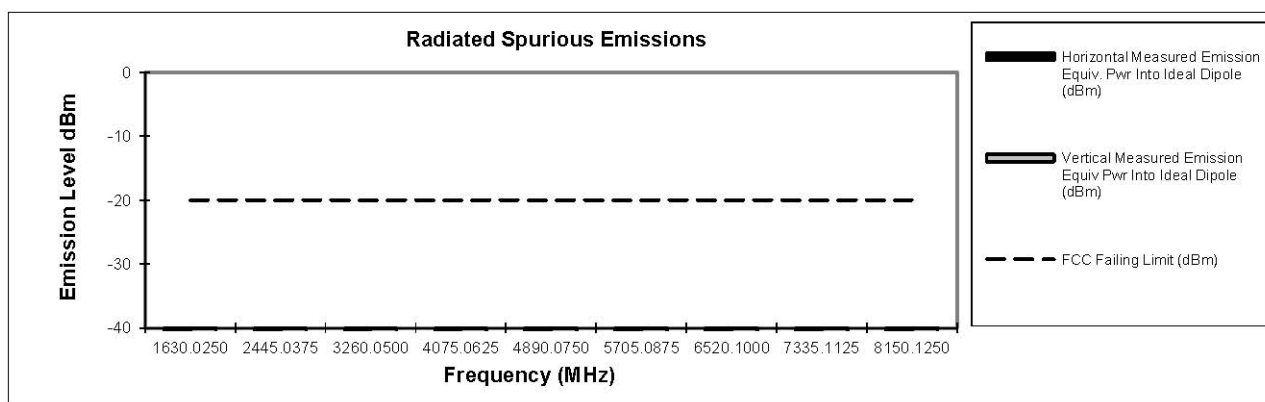
**Table 6F-31:** 2.65 Watts Harmonic of Carrier 860.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)**Table 6F-32:** 2.65 Watts Harmonic of Carrier 868.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6G

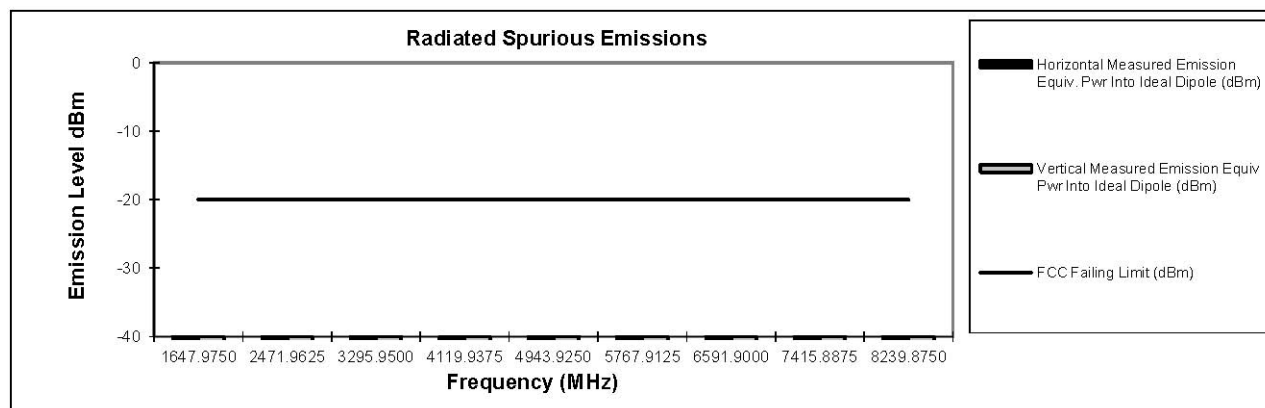
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)



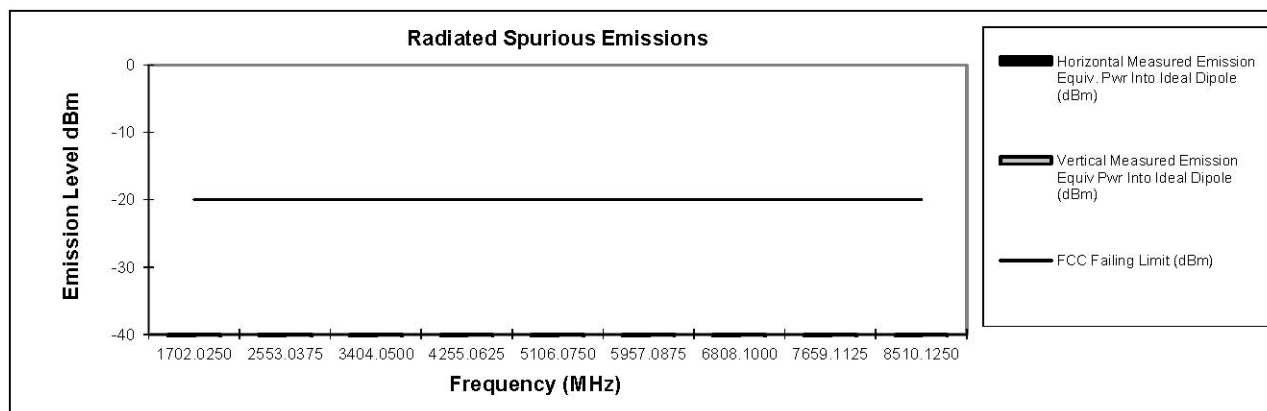
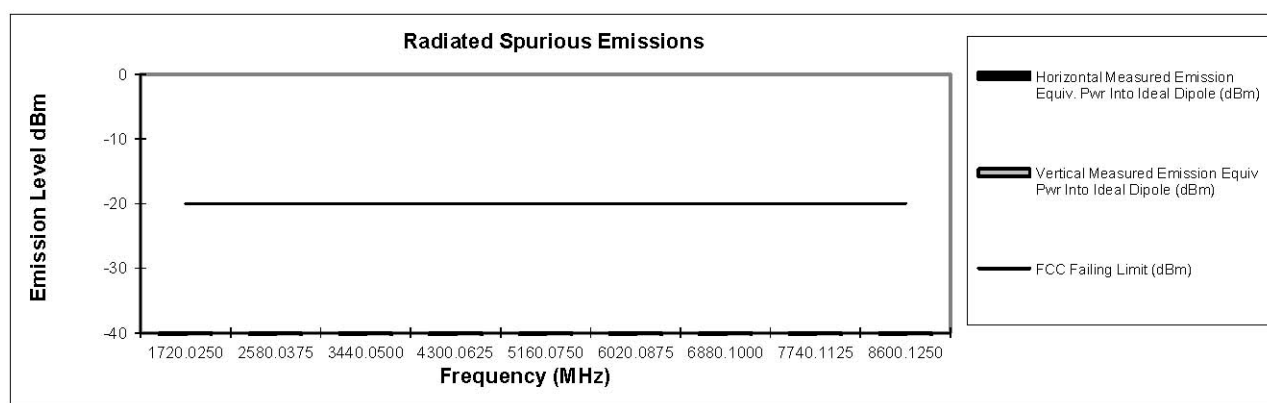
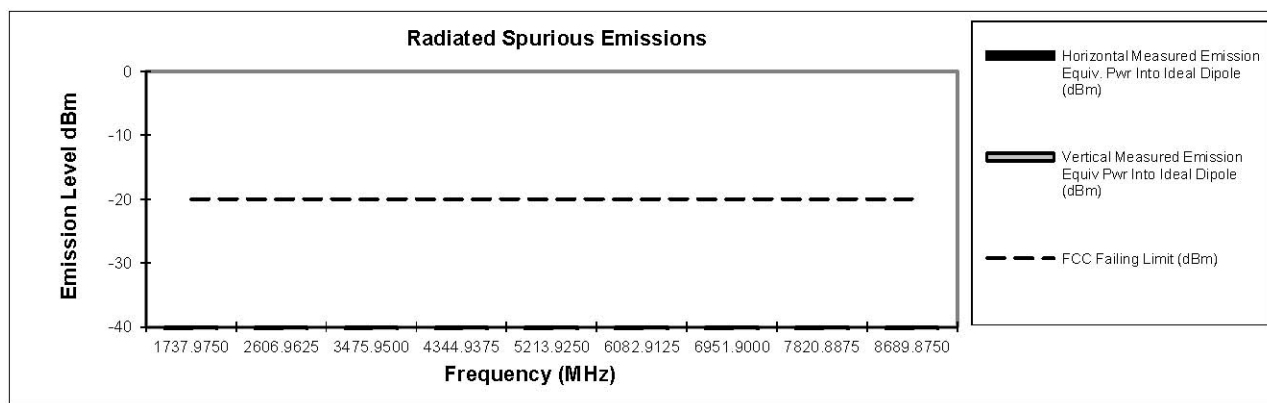
GRAPH 6G-1: 1 Watt, 806.0125 MHz, 12.5 kHz Channel Spacing

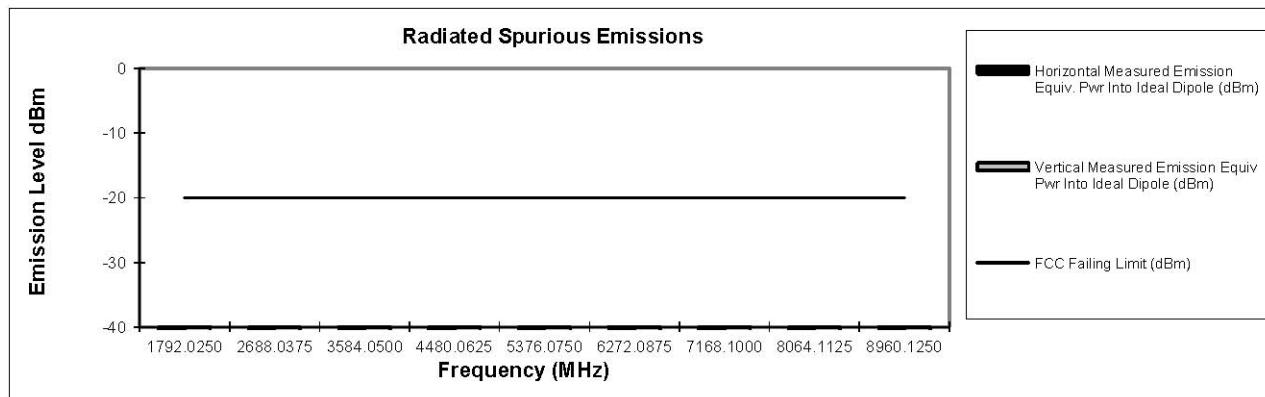
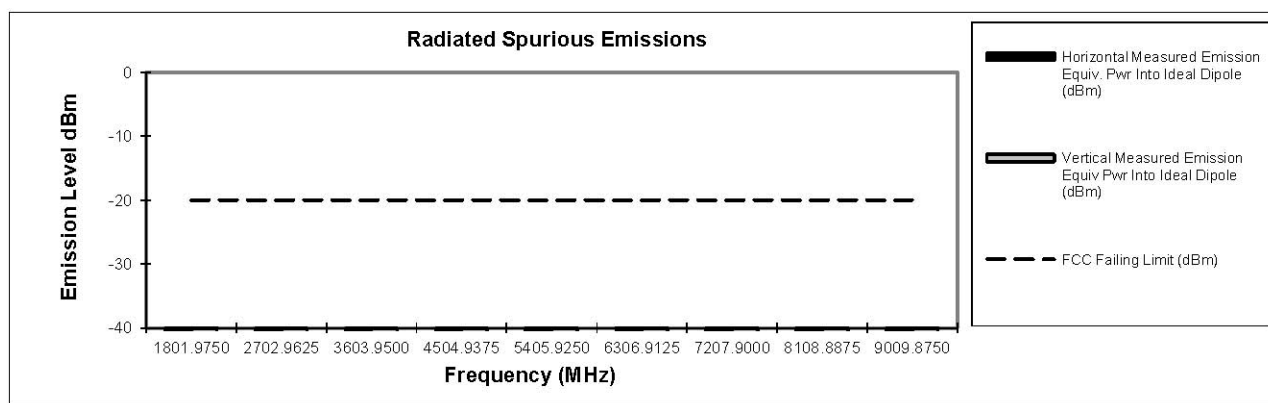
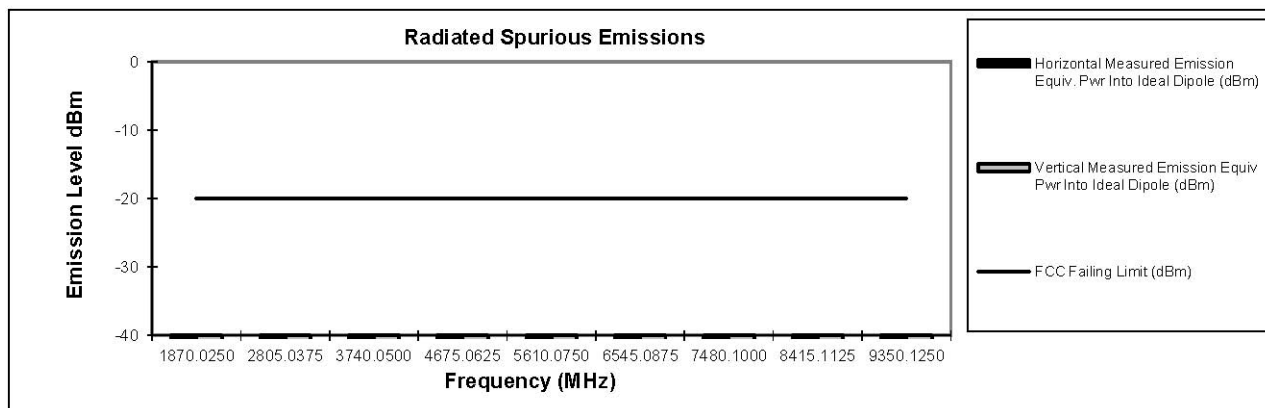


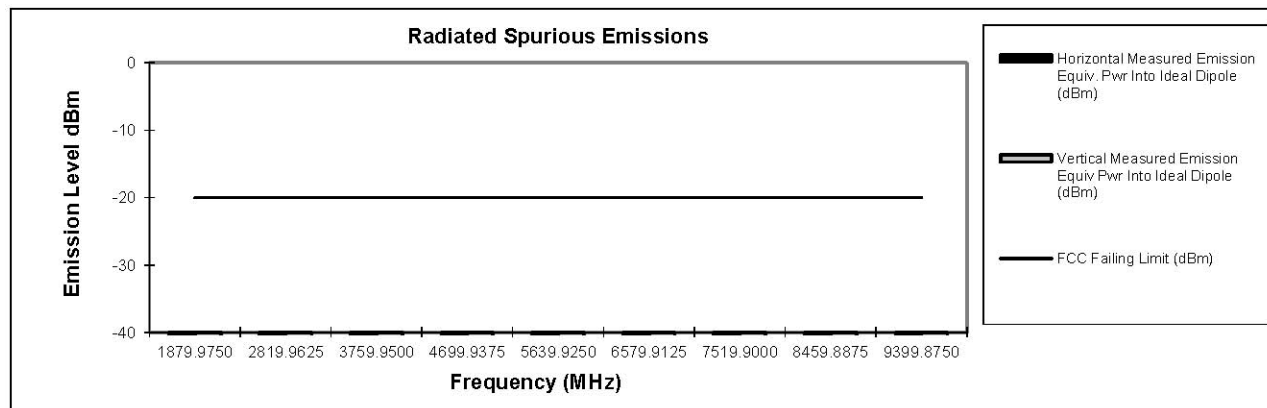
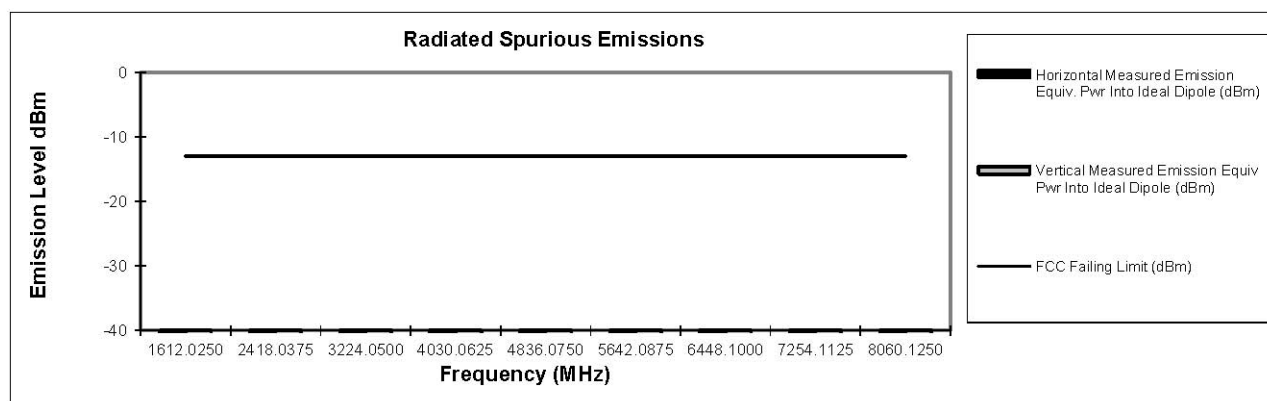
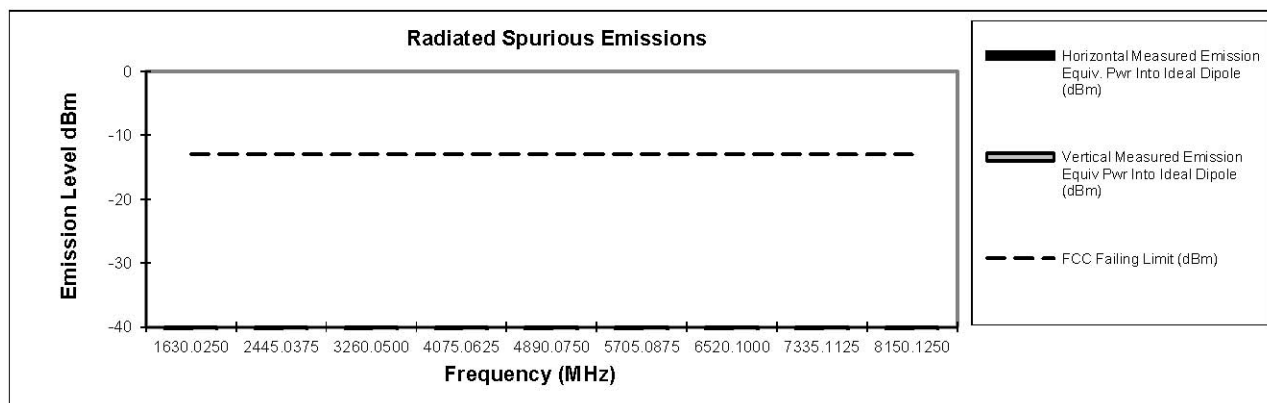
GRAPH 6G-2: 1 Watt, 815.0125 MHz, 12.5 kHz Channel Spacing

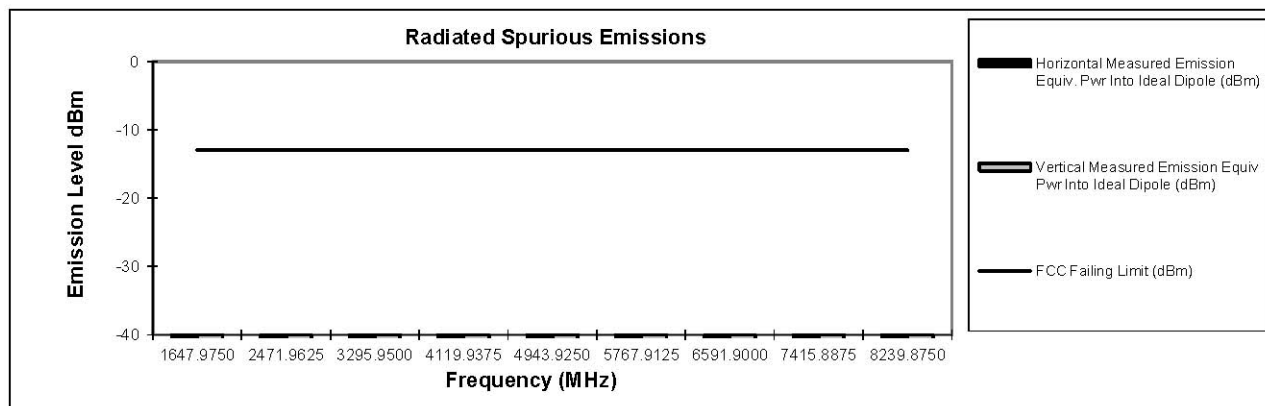
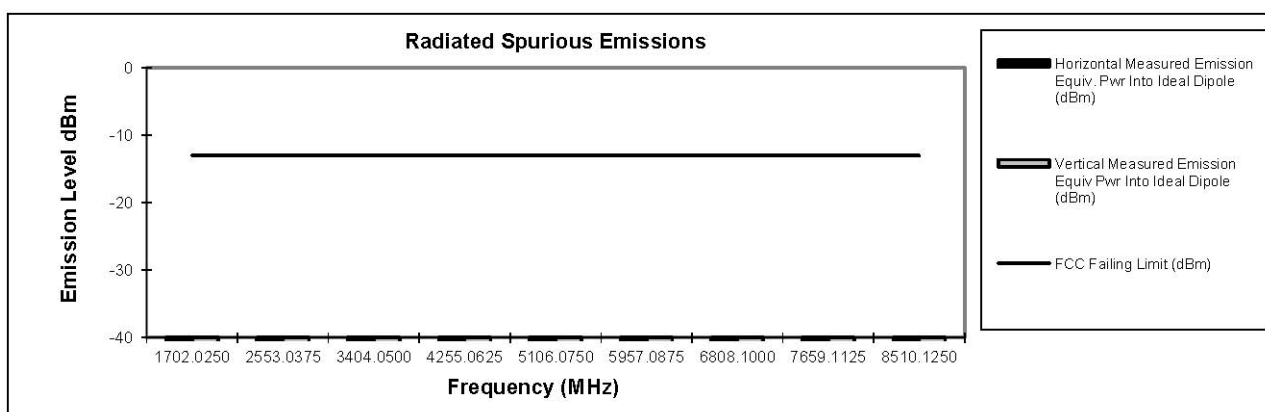
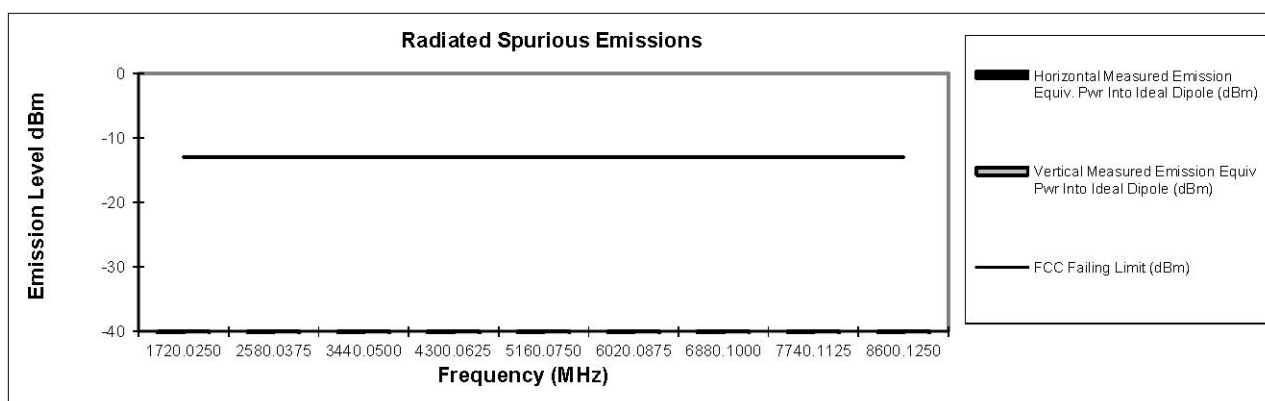


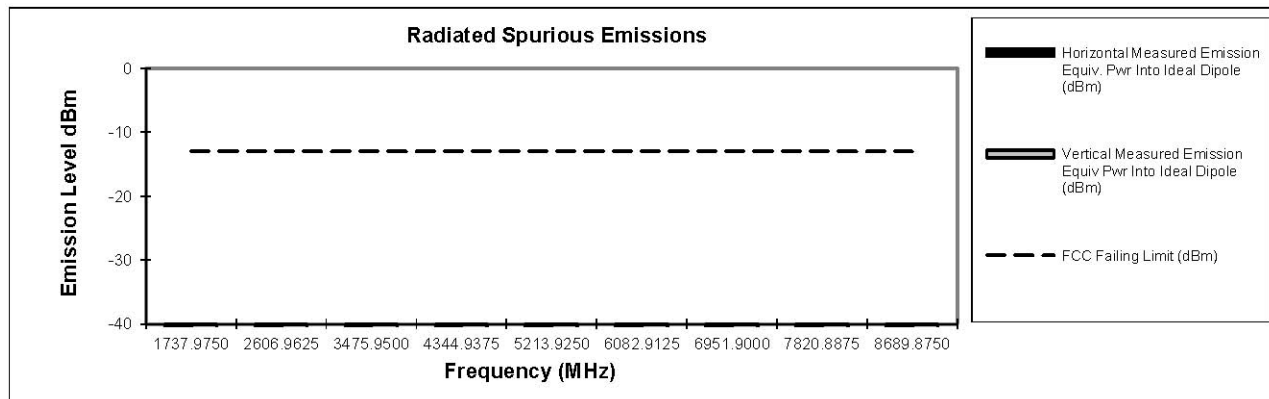
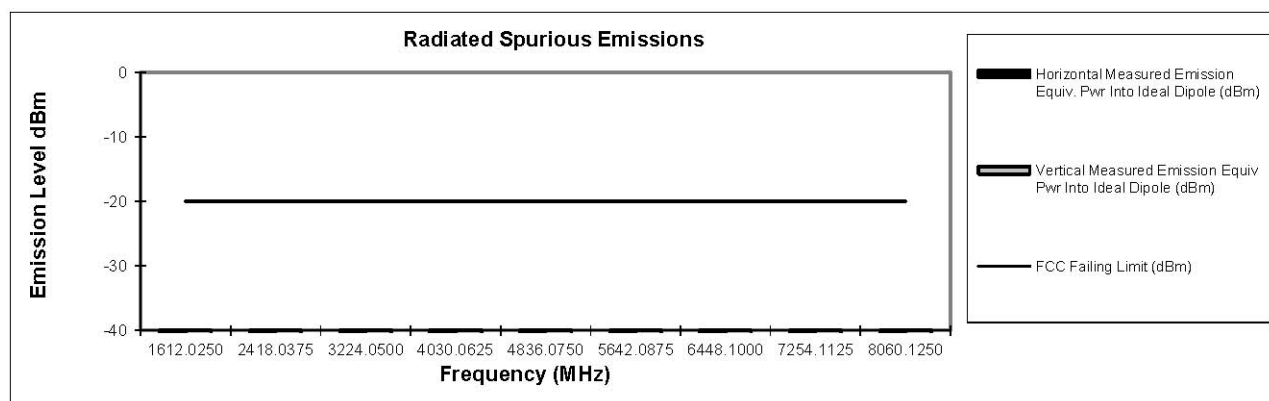
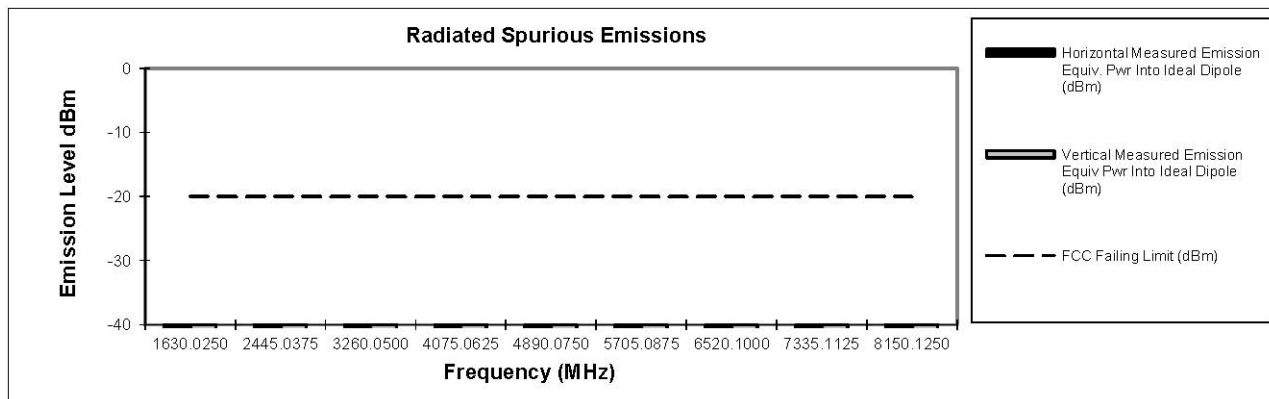
GRAPH 6G-3: 1 Watt, 823.9875 MHz, 12.5 kHz Channel Spacing

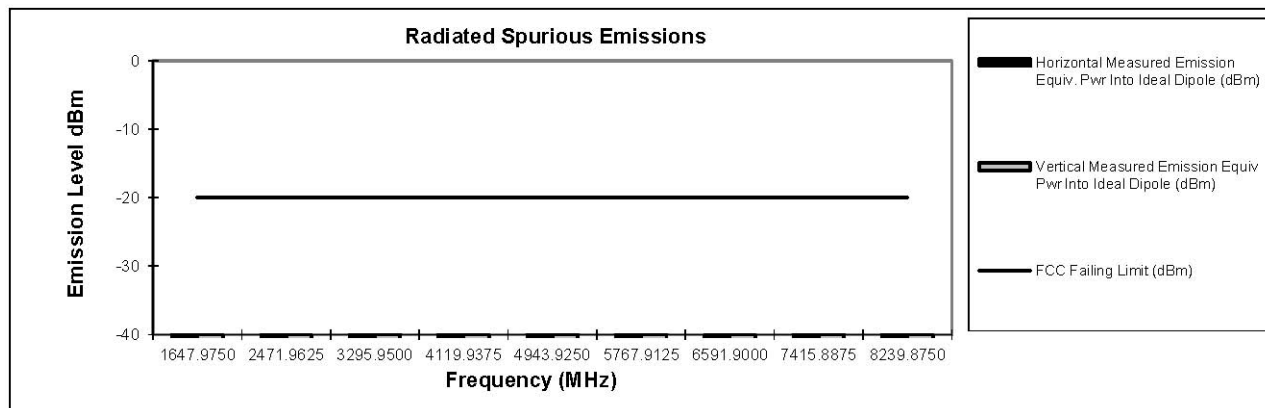
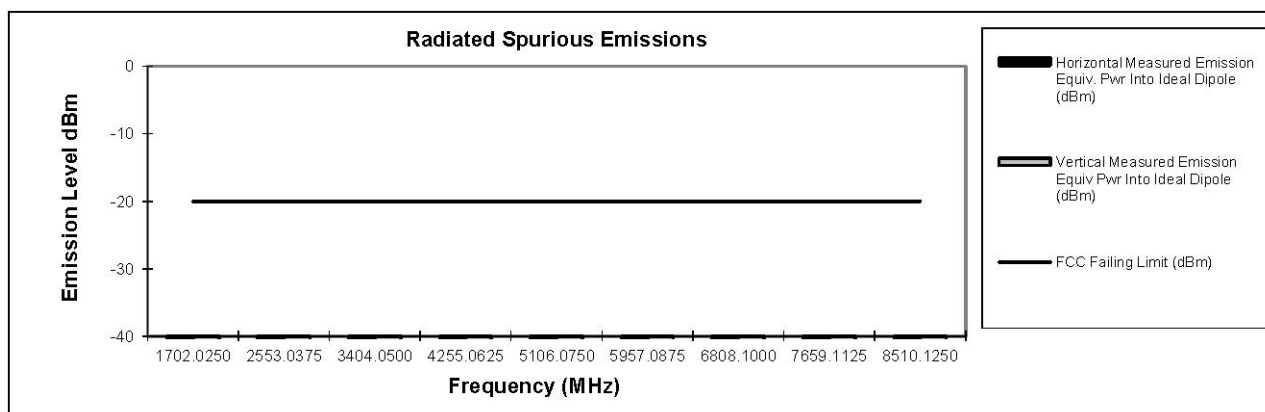
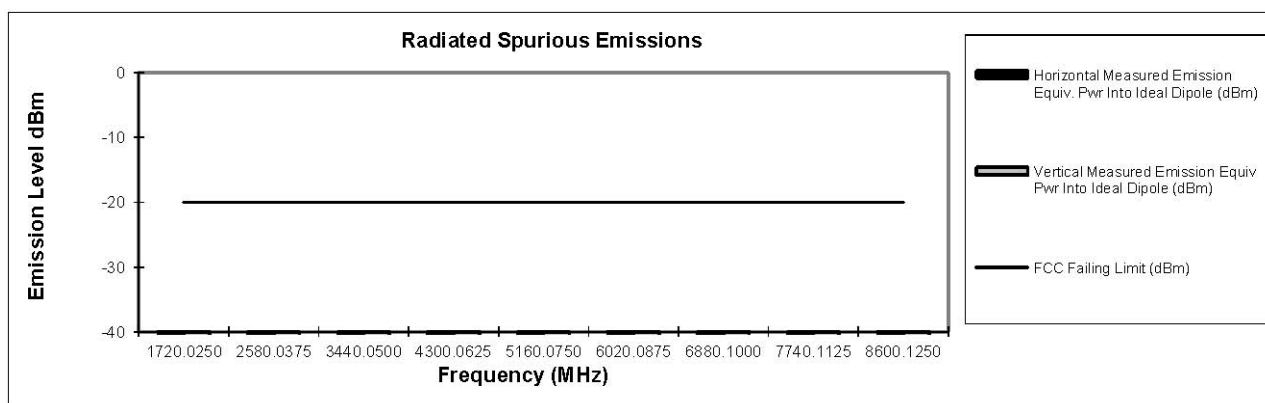
**GRAPH 6G-4: 1 Watt, 851.0125 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-5: 1 Watt, 860.0125 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-6: 1 Watt, 868.9875 MHz, 12.5 kHz Channel Spacing**

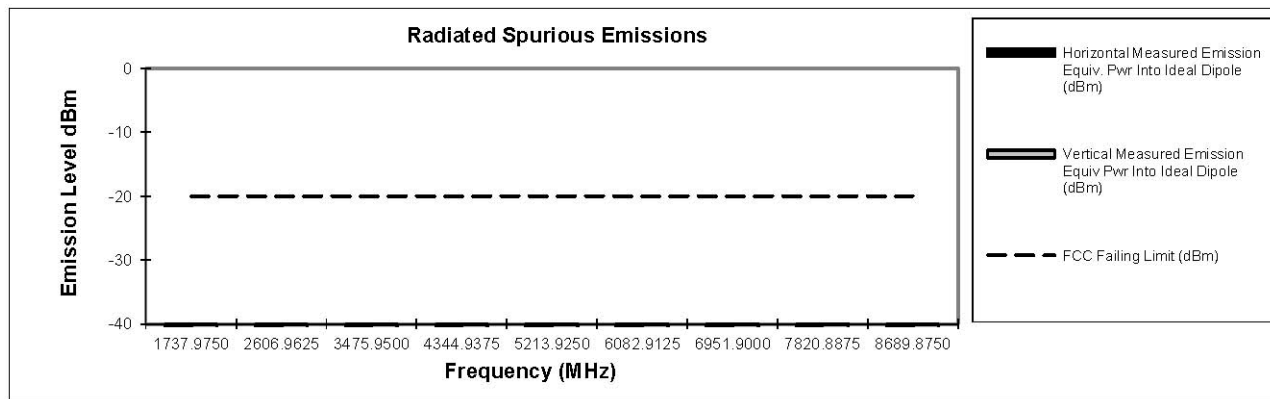
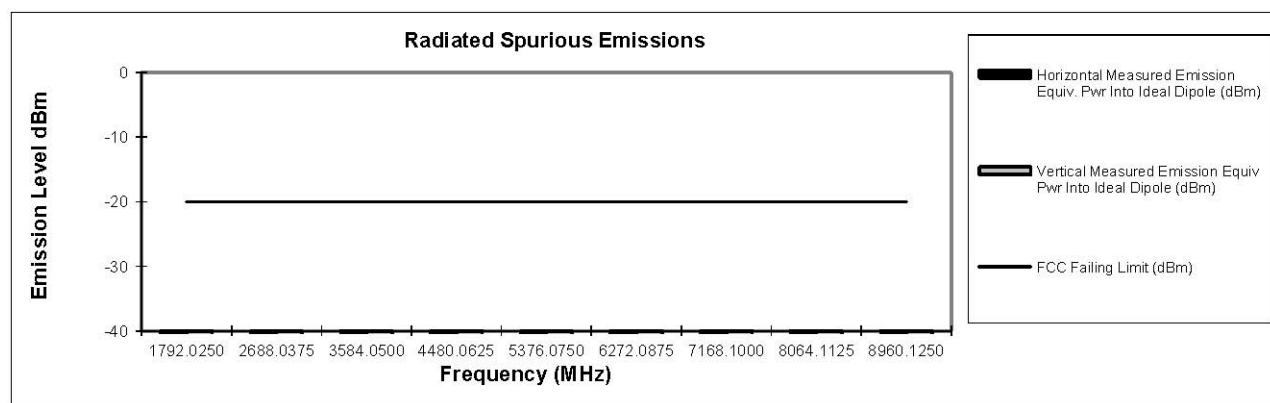
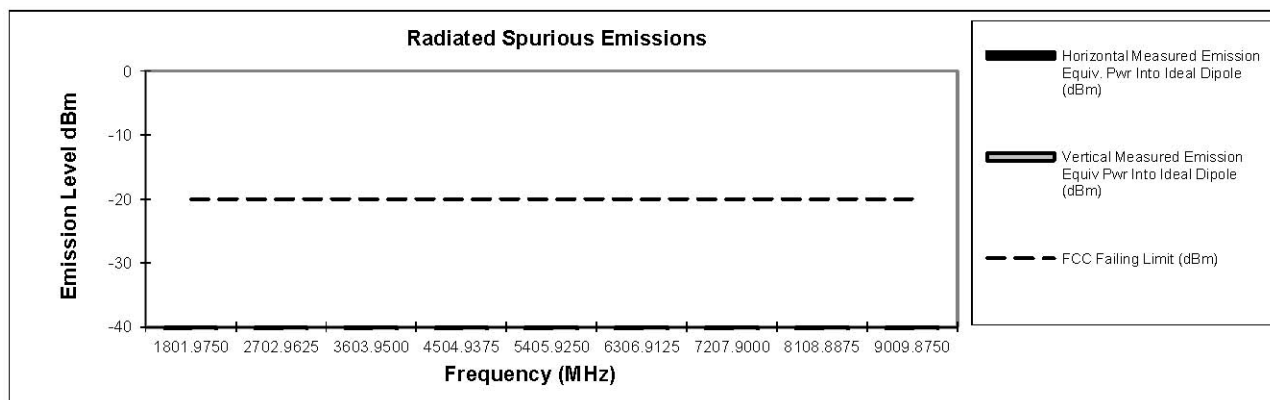
**GRAPH 6G-7: 1 Watt, 896.0125 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-8: 1 Watt, 900.9875 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-9: 1 Watt, 935.0125 MHz, 12.5 kHz Channel Spacing**

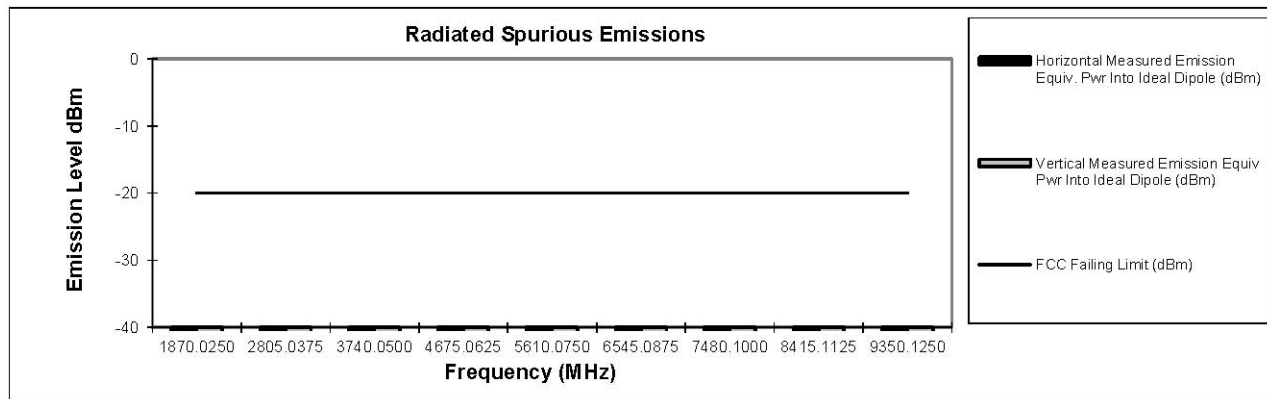
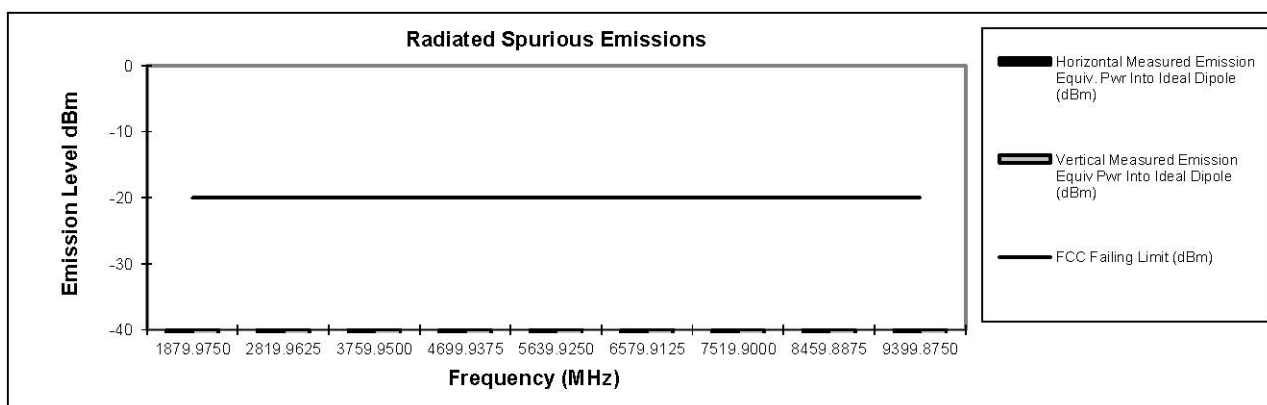
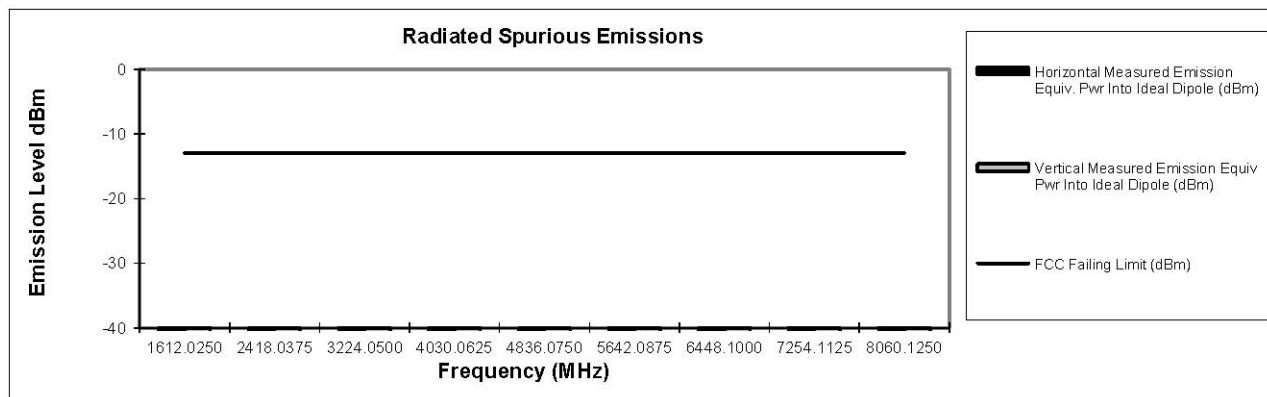
**GRAPH 6G-10: 1 Watt, 939.9875 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-11: 1 Watt, 806.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)****GRAPH 6G-12: 1 Watt, 815.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)**

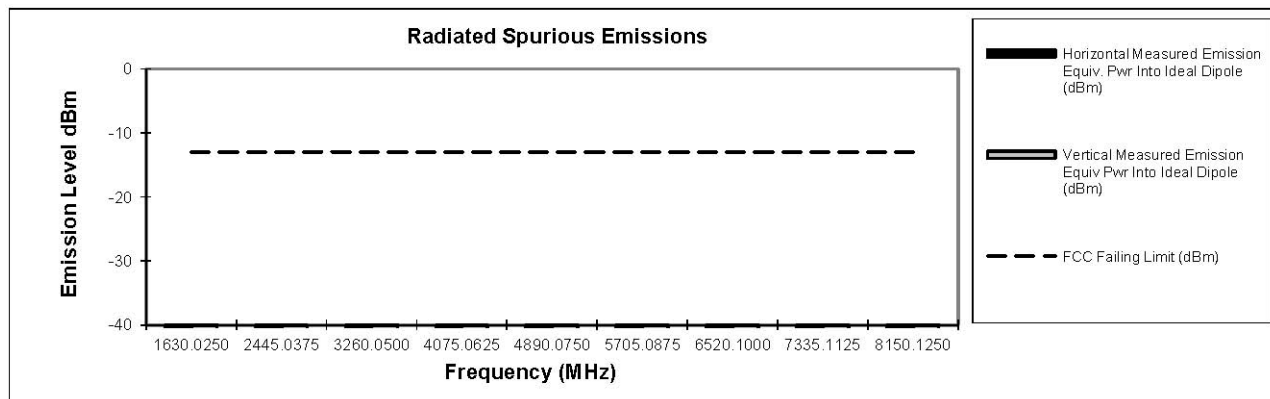
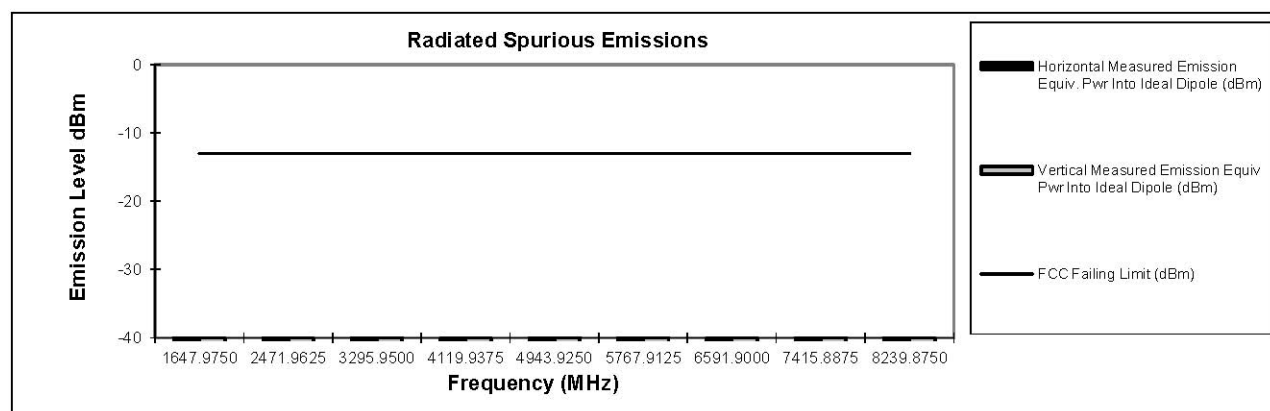
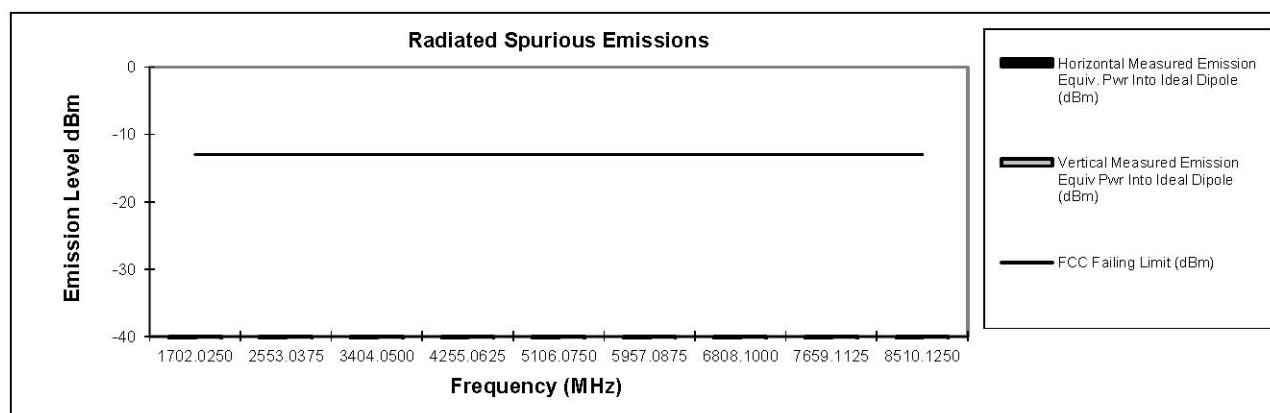
**GRAPH 6G-13: 1 Watt, 823.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)****GRAPH 6G-14: 1 Watt, 851.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)****GRAPH 6G-15: 1 Watt, 860.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)**

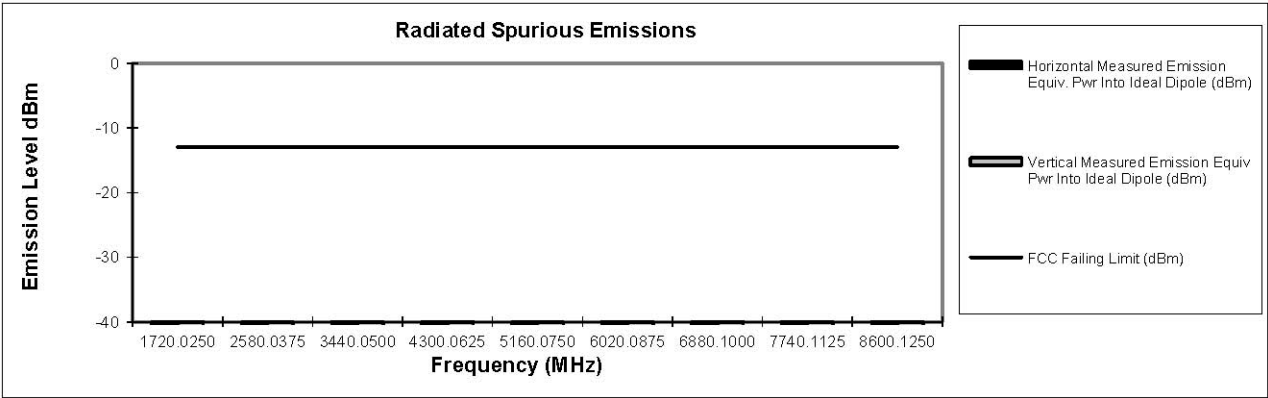
**GRAPH 6G-16: 1 Watt, 868.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)****GRAPH 6G-17: 2.65 Watts, 806.0125 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-18: 2.65 Watts, 815.0125 MHz, 12.5 kHz Channel Spacing**

**GRAPH 6G-19: 2.65 Watts, 823.9875 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-20: 2.65 Watts, 851.0125 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-21: 2.65 Watts, 860.0125 MHz, 12.5 kHz Channel Spacing**

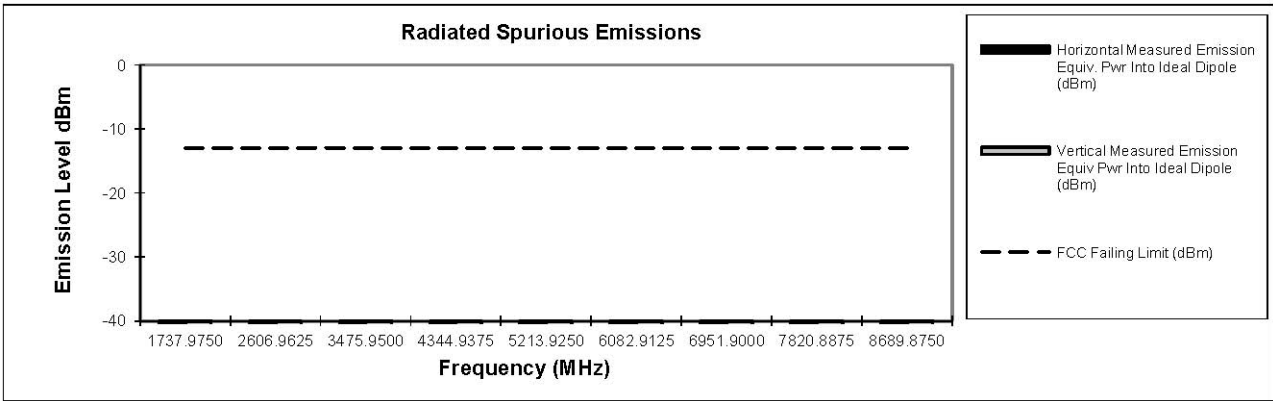
**GRAPH 6G-22: 2.65 Watts, 868.9875 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-23: 2.65 Watts, 896.0125 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-24: 2.65 Watts, 900.9875 MHz, 12.5 kHz Channel Spacing**

**GRAPH 6G-25: 2.65 Watts, 935.0125 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-26: 2.65 Watts, 939.9875 MHz, 12.5 kHz Channel Spacing****GRAPH 6G-27: 2.65 Watts, 806.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)**

**GRAPH 6G-28: 2.65 Watts, 815.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)****GRAPH 6G-29: 2.65 Watts, 823.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)****GRAPH 6G-30: 2.65 Watts, 851.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)**



GRAPH 6G-31: 2.65 Watts, 860.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)



GRAPH 6G-32: 2.65 Watts, 868.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6H

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

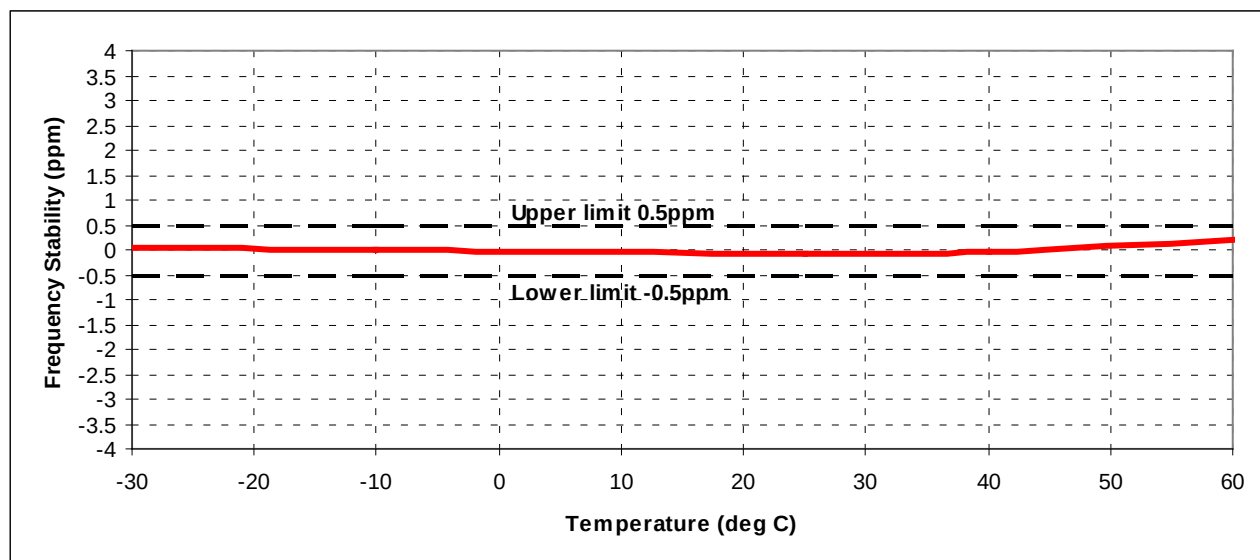


Figure 6H-1: 0.5 ppm Frequency Stability vs. Temperature at 815.0125 MHz

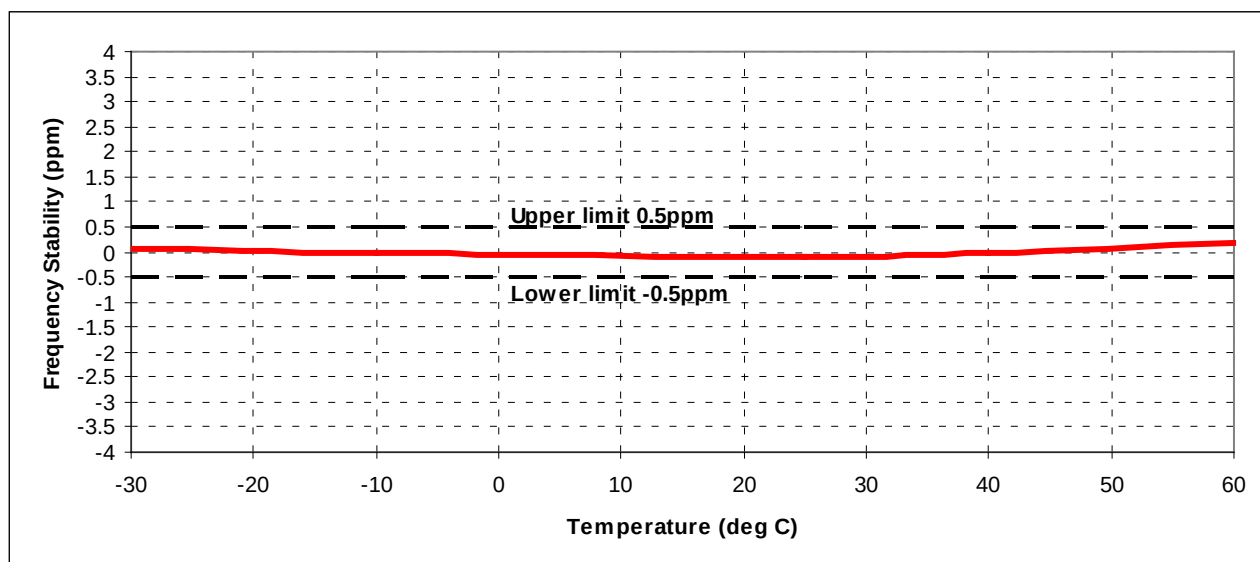


Figure 6H-2: 0.5 ppm Frequency Stability vs. Temperature at 860.0125 MHz

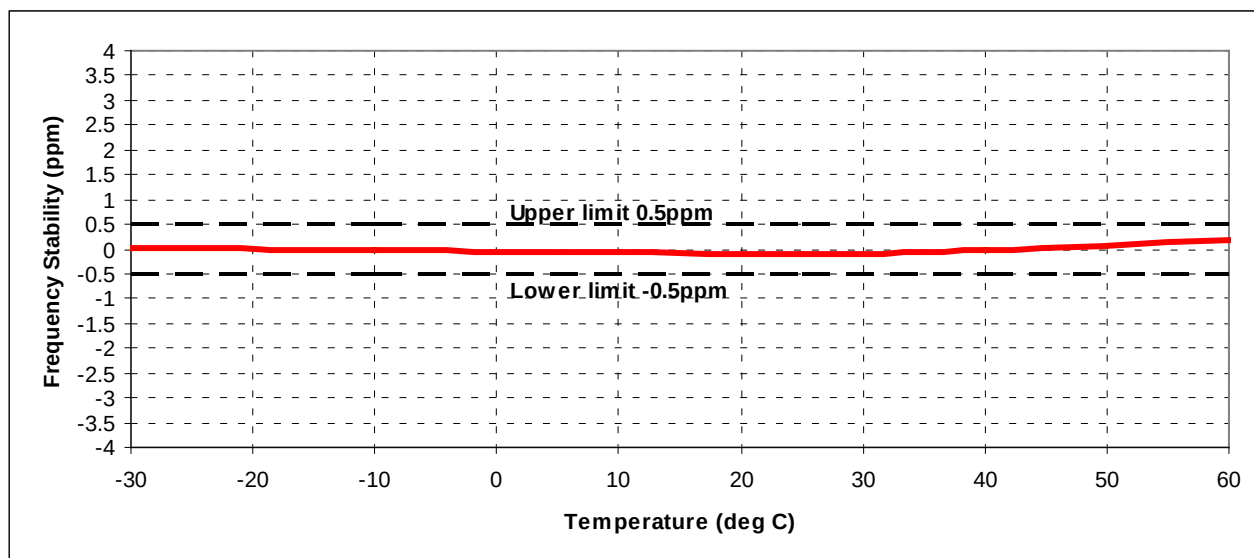


Figure 6H-3: 0.5 ppm Frequency Stability vs. Temperature at 900.9875 MHz

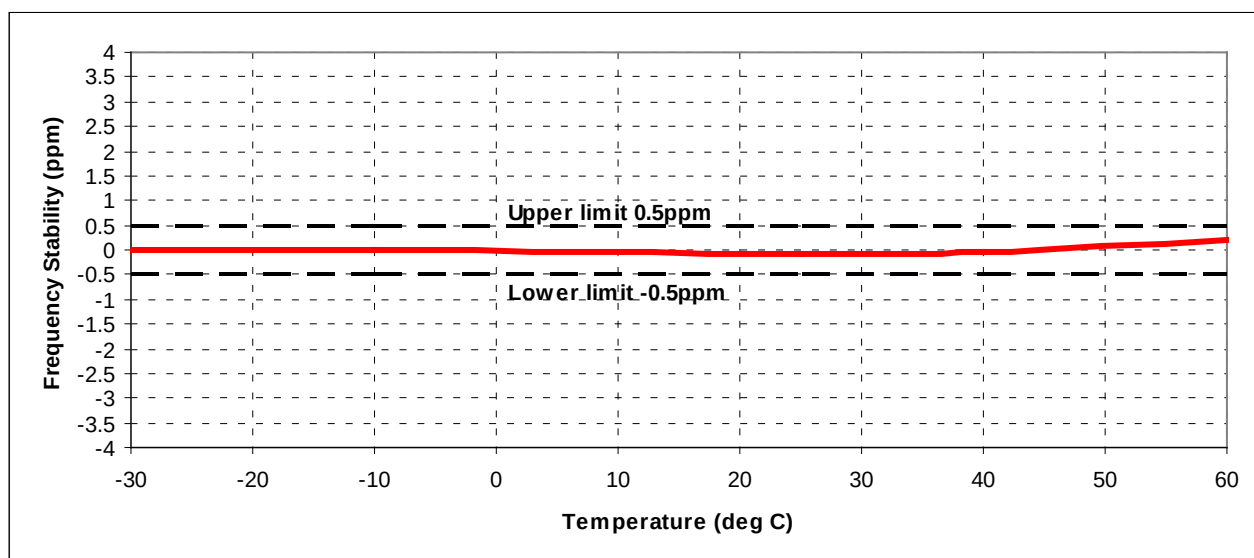


Figure 6H-4: 0.5 ppm Frequency Stability vs. Temperature at 935.0125 MHz

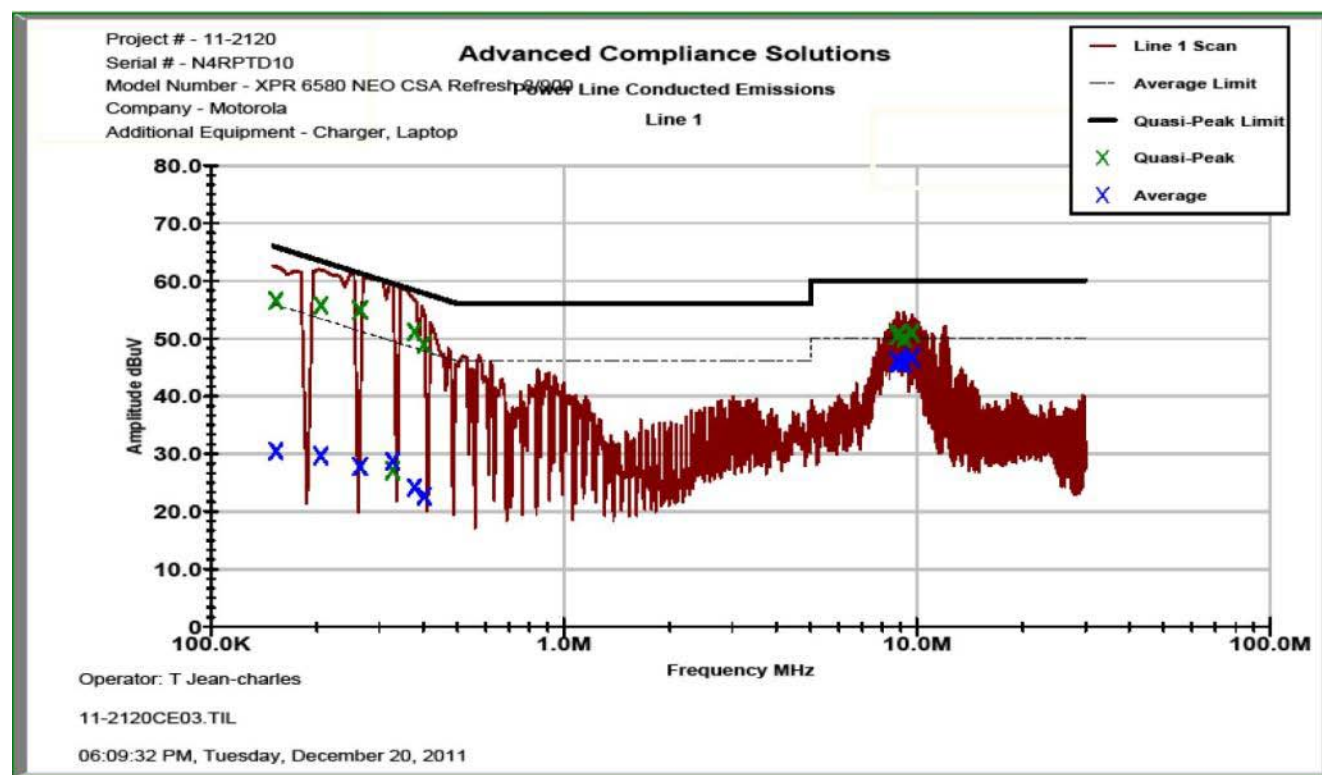
EXHIBIT 6J

Power Line Conducted Spurious Emissions - Pursuant to FCC Rules Part 15.107

* The test was done in ACS test lab in US

Frequency (MHz)	Uncorrected Reading		Total Correction Factor (dB)	Corrected Level		Limit		Margin (dB)	
	Quasi- Peak	Average		Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
Line 1									
0.153102	56.124	30.057	2.26	58.38	32.32	65.83	55.83	7.4	23.5
0.204988	55.38	29.271	1.07	56.45	30.34	63.41	53.41	7.0	23.1
0.264612	54.598	27.411	1.00	55.60	28.41	61.29	51.29	5.7	22.9
0.327424	26.716	28.382	0.70	27.42	29.09	59.52	49.52	32.1	20.4
0.377662	50.803	23.825	0.68	51.49	24.51	58.33	48.33	6.8	23.8
0.40145	48.583	22.256	0.61	49.19	22.87	57.82	47.82	8.6	25.0
8.78586	49.338	45.017	0.92	50.25	45.93	60.00	50.00	9.7	4.1
8.87369	49.646	44.586	0.93	50.58	45.52	60.00	50.00	9.4	4.5
9.18765	48.559	44.262	1.25	49.81	45.51	60.00	50.00	10.2	4.5
9.68091	48.696	44.416	1.31	50.00	45.72	60.00	50.00	10.0	4.3

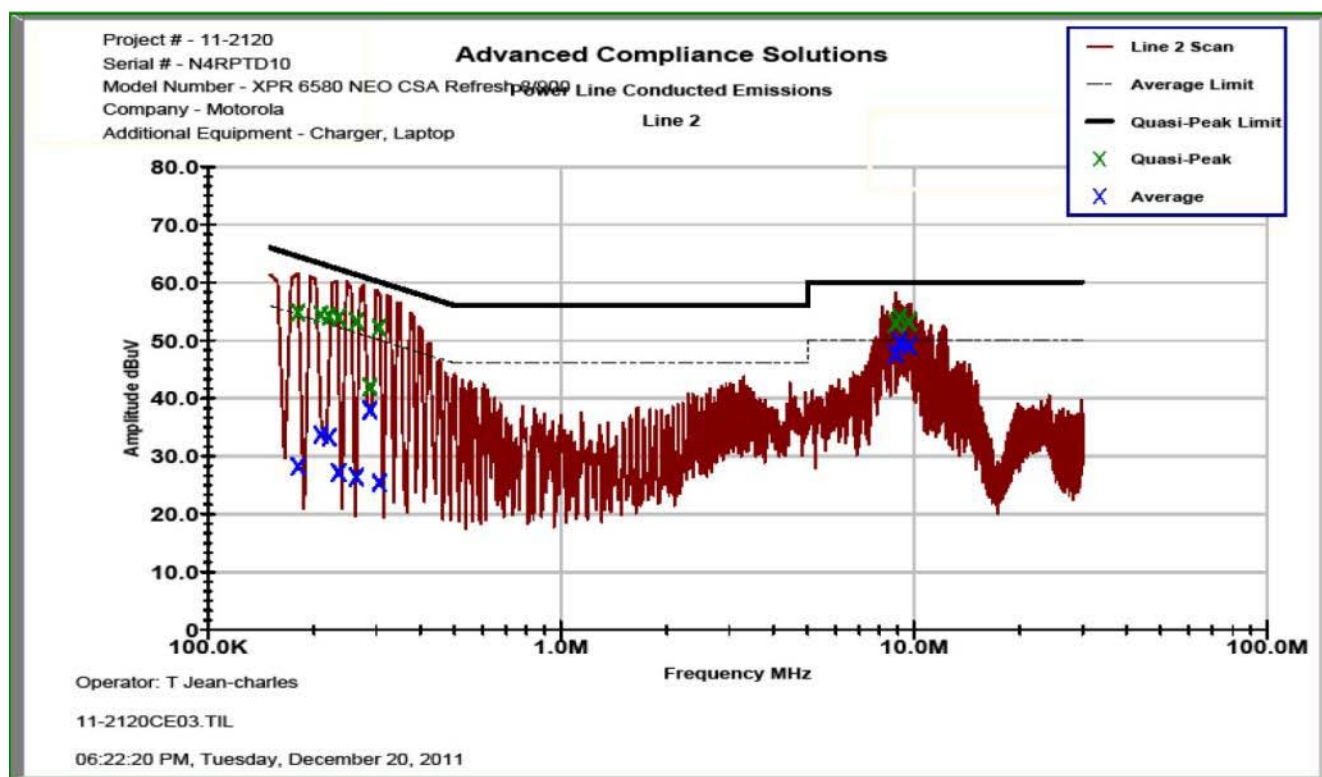
Table 6J-1: Test Data Power Line Conducted Emissions-Line 1



GRAPH 6J-1: Power Line Conducted Emissions-Line 1

Frequency (MHz)	Uncorrected Reading		Total Correction Factor (dB)	Corrected Level		Limit		Margin (dB)	
	Quasi- Peak	Average		Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
Line 2									
0.1803	54.332	27.723	2.24	56.57	29.97	64.47	54.47	7.9	24.5
0.208875	53.947	33.238	1.14	55.09	34.38	63.25	53.25	8.2	18.9
0.220437	53.696	32.798	1.13	54.82	33.92	62.80	52.80	8.0	18.9
0.234563	53.45	26.742	1.11	54.56	27.85	62.29	52.29	7.7	24.4
0.263663	52.806	25.942	1.07	53.88	27.02	61.32	51.32	7.4	24.3
0.288349	41.527	37.536	1.04	42.57	38.58	60.57	50.57	18.0	12.0
0.305287	51.759	24.969	0.78	52.53	25.74	60.10	50.10	7.6	24.4
8.87128	51.7	46.442	1.04	52.74	47.48	60.00	50.00	7.3	2.5
9.09674	52.504	48.308	1.34	53.84	49.65	60.00	50.00	6.2	0.4
9.68231	50.86	46.63	1.41	52.26	48.03	60.00	50.00	7.7	2.0

Table 6J-1: Test Data Power Line Conducted Emissions-Line 2



GRAPH 6J-2: Power Line Conducted Emissions-Line 2