

## EXHIBIT 6

### INDEX OF SUBMITTED MEASURED DATA

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

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#### EXHIBIT 6B – Audio Frequency Response

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6B-7: 12.5 kHz Channel Spacing, 935.0125 MHz  
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#### EXHIBIT 6C – Audio Low Pass Filter Response

6C-1: 12.5 kHz Channel Spacing, 815.0125 MHz  
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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

6D-1: 12.5 kHz Channel Spacing, 815.0125 MHz, Carrier Squelch (CSQ) Mode  
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6D-7: 12.5 kHz Channel Spacing, 900.9875 MHz, Carrier Squelch (CSQ) Mode  
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6D-17: 25 kHz Channel Spacing, 860.0125 MHz, Tone Private Line (TPL) Mode  
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: 1.2 Watt Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing  
6F-2: 1.2 Watt Harmonic of Carrier 815.0125 MHz, 12.5 kHz Channel Spacing  
6F-3: 1.2 Watt Harmonic of Carrier 824 MHz, 12.5 kHz Channel Spacing  
6F-4: 1.2 Watt Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing  
6F-5: 1.2 Watt Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing  
6F-6: 1.2 Watt Harmonic of Carrier 869 MHz, 12.5 kHz Channel Spacing  
6F-7: 1.2 Watt Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing  
6F-8: 1.2 Watt Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing  
6F-9: 1.2 Watt Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing  
6F-10: 1.2 Watt Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing  
6F-11: 1.2 Watt Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing  
6F-12: 1.2 Watt Harmonic of Carrier 815.0125 MHz, 25 kHz Channel Spacing  
6F-13: 1.2 Watt Harmonic of Carrier 824 MHz, 25 kHz Channel Spacing  
6F-14: 1.2 Watt Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing

6F-15: 1.2 Watt Harmonic of Carrier 860.0125 MHz, 25 kHz Channel Spacing  
6F-16: 1.2 Watt Harmonic of Carrier 869 MHz, 25 kHz Channel Spacing

**EXHIBIT 6G – Radiated Spurious Emissions**

6G-1: 1.2 Watt, 806.0125 MHz, 12.5 kHz Channel Spacing  
6G-2: 1.2 Watts, 815.0125 MHz, 12.5 kHz Channel Spacing  
6G-3: 1.2 Watts, 824 MHz, 12.5 kHz Channel Spacing  
6G-4: 1.2 Watts, 851.0125 MHz, 12.5 kHz Channel Spacing  
6G-5: 1.2 Watts, 860.0125 MHz, 12.5 kHz Channel Spacing  
6G-6: 1.2 Watts, 869 MHz, 12.5 kHz Channel Spacing  
6G-7: 1.2 Watts, 896.0125 MHz, 12.5 kHz Channel Spacing  
6G-8: 1.2 Watts, 900.9875 MHz, 12.5 kHz Channel Spacing  
6G-9: 1.2 Watts, 935.0125 MHz, 12.5 kHz Channel Spacing  
6G-10: 1.2 Watts, 939.9875 MHz, 12.5 kHz Channel Spacing  
6G-11: 1.2 Watts, 806.0125 MHz, 25 kHz Channel Spacing  
6G-12: 1.2 Watts, 815.0125 MHz, 25 kHz Channel Spacing  
6G-13: 1.2 Watts, 824 MHz, 25 kHz Channel Spacing  
6G-14: 1.2 Watts, 851.0125 MHz, 25 kHz Channel Spacing  
6G-15: 1.2 Watts, 860.0125 MHz, 25 kHz Channel Spacing  
6G-16: 1.2 Watts, 869MHz, 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**

Figure 6J-1: Radio off Line/Phase  
Figure 6J-2: Radio off Line/Neutral  
Figure 6J-3: Radio on Tx Line/Phase 806.0125 MHz  
Figure 6J-4: Radio on Tx Line/Neutral 806.0125 MHz  
Figure 6J-5: Radio on Tx Line/Phase 815.0125 MHz  
Figure 6J-6: Radio on Tx Line/Neutral 815.0125 MHz  
Figure 6J-7: Radio on Tx Line/Phase 824 MHz  
Figure 6J-8: Radio on Tx Line/Neutral 824 MHz  
Figure 6J-9: Radio on Tx Line/Phase 851.0125 MHz  
Figure 6J-10: Radio on Tx Line/Neutral 851.0125 MHz  
Figure 6J-11: Radio on Tx Line/Phase 860.0125 MHz  
Figure 6J-12: Radio on Tx Line/Neutral 860.0125 MHz  
Figure 6J-13: Radio on Tx Line/Phase 869 MHz  
Figure 6J-14: Radio on Tx Line/Neutral 869 MHz  
Figure 6J-15: Radio on Tx Line/Phase 896.0125 MHz  
Figure 6J-16: Radio on Tx Line/Neutral 896.0125 MHz  
Figure 6J-17: Radio on Tx Line/Phase 900.9875 MHz  
Figure 6J-18: Radio on Tx Line/Neutral 900.9875 MHz  
Figure 6J-19: Radio on Tx Line/Phase 935.0125 MHz  
Figure 6J-20: Radio on Tx Line/Neutral 935.0125 MHz  
Figure 6J-21: Radio on Tx Line/Phase 939.9875 MHz  
Figure 6J-22: Radio on Tx Line/Neutral 939.9875 MHz

**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 | 1.19 Watts  |
| DC Voltage      | 7.5 Volts   |
| DC Current      | 0.91 Amps   |
| DC Input Power  | 6.825 Watts |

**At maximum output power setting, Frequency 815.0125 MHz:**

|                 |             |
|-----------------|-------------|
| Output RF power | 1.20 Watts  |
| DC Voltage      | 7.5 Volts   |
| DC Current      | 0.91 Amps   |
| DC Input Power  | 6.825 Watts |

**At maximum output power setting, Frequency 824 MHz:**

|                 |            |
|-----------------|------------|
| Output RF power | 1.20 Watts |
| DC Voltage      | 7.5 Volts  |
| DC Current      | 0.92 Amps  |
| DC Input Power  | 6.90 Watts |

**At maximum output power setting, Frequency 851.0125 MHz:**

|                 |             |
|-----------------|-------------|
| Output RF power | 1.20 Watts  |
| DC Voltage      | 7.5 Volts   |
| DC Current      | 0.95 Amps   |
| DC Input Power  | 7.125 Watts |

**At maximum output power setting, Frequency 860.0125 MHz:**

|                 |             |
|-----------------|-------------|
| Output RF power | 1.20 Watts  |
| DC Voltage      | 7.5 Volts   |
| DC Current      | 0.95 Amps   |
| DC Input Power  | 7.125 Watts |

**At maximum output power setting, Frequency 869 MHz:**

|                 |            |
|-----------------|------------|
| Output RF power | 1.20 Watts |
| DC Voltage      | 7.5 Volts  |
| DC Current      | 0.96 Amps  |
| DC Input Power  | 7.2 Watts  |

**At maximum output power setting, Frequency 896.0125 MHz:**

|                 |            |
|-----------------|------------|
| Output RF power | 1.20 Watts |
| DC Voltage      | 7.5 Volts  |
| DC Current      | 0.94 Amps  |
| DC Input Power  | 7.05 Watts |

**At maximum output power setting, Frequency 900.9875 MHz:**

|                 |             |
|-----------------|-------------|
| Output RF power | 1.18 Watts  |
| DC Voltage      | 7.5 Volts   |
| DC Current      | 0.93 Amps   |
| DC Input Power  | 6.975 Watts |

**At maximum output power setting, Frequency 935.0125 MHz:**

|                 |             |
|-----------------|-------------|
| Output RF power | 1.19 Watts  |
| DC Voltage      | 7.5 Volts   |
| DC Current      | 0.99 Amps   |
| DC Input Power  | 7.425 Watts |

**At maximum output power setting, Frequency 939.9875 MHz:**

|                 |             |
|-----------------|-------------|
| Output RF power | 1.18 Watts  |
| DC Voltage      | 7.5 Volts   |
| DC Current      | 0.99 Amps   |
| DC Input Power  | 7.425 Watts |

EXHIBIT 6B

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

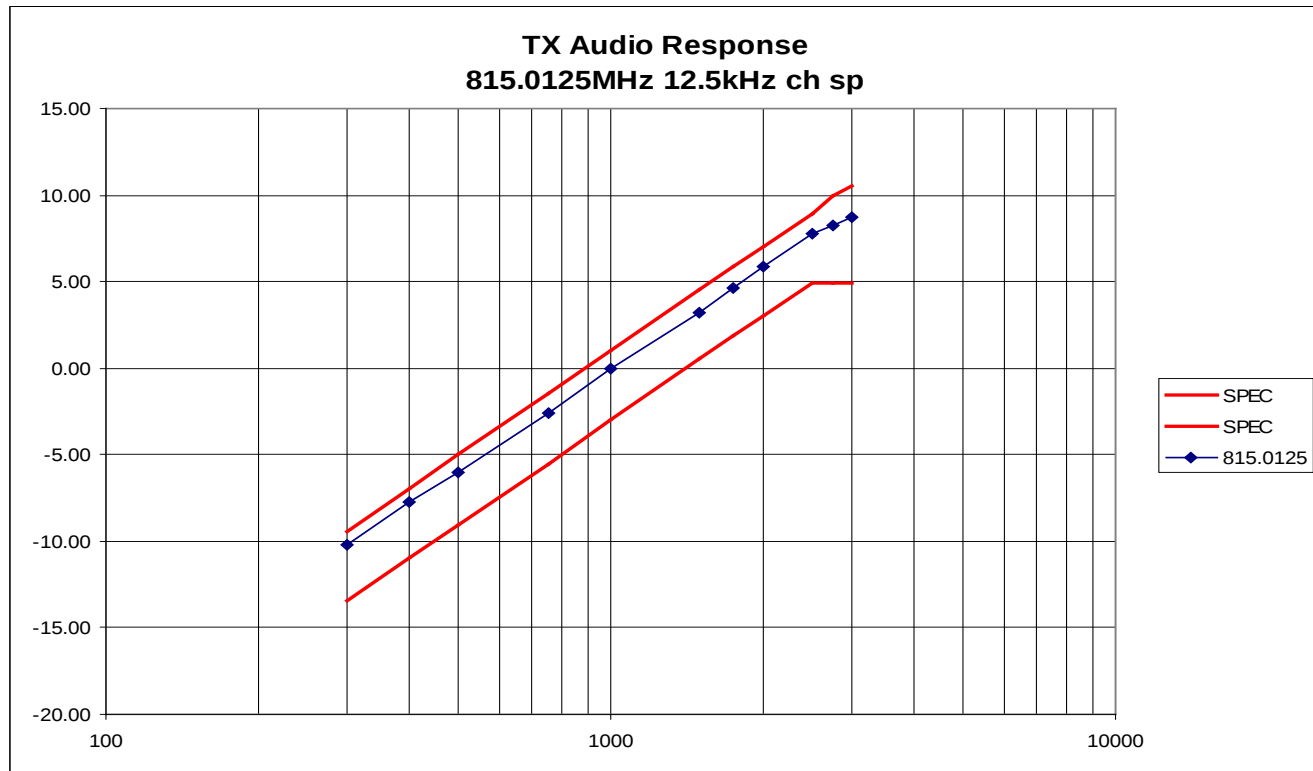


Figure 6B-1: 12.5 kHz Channel Spacing, 815.0125 MHz, Transmit Audio Frequency Response

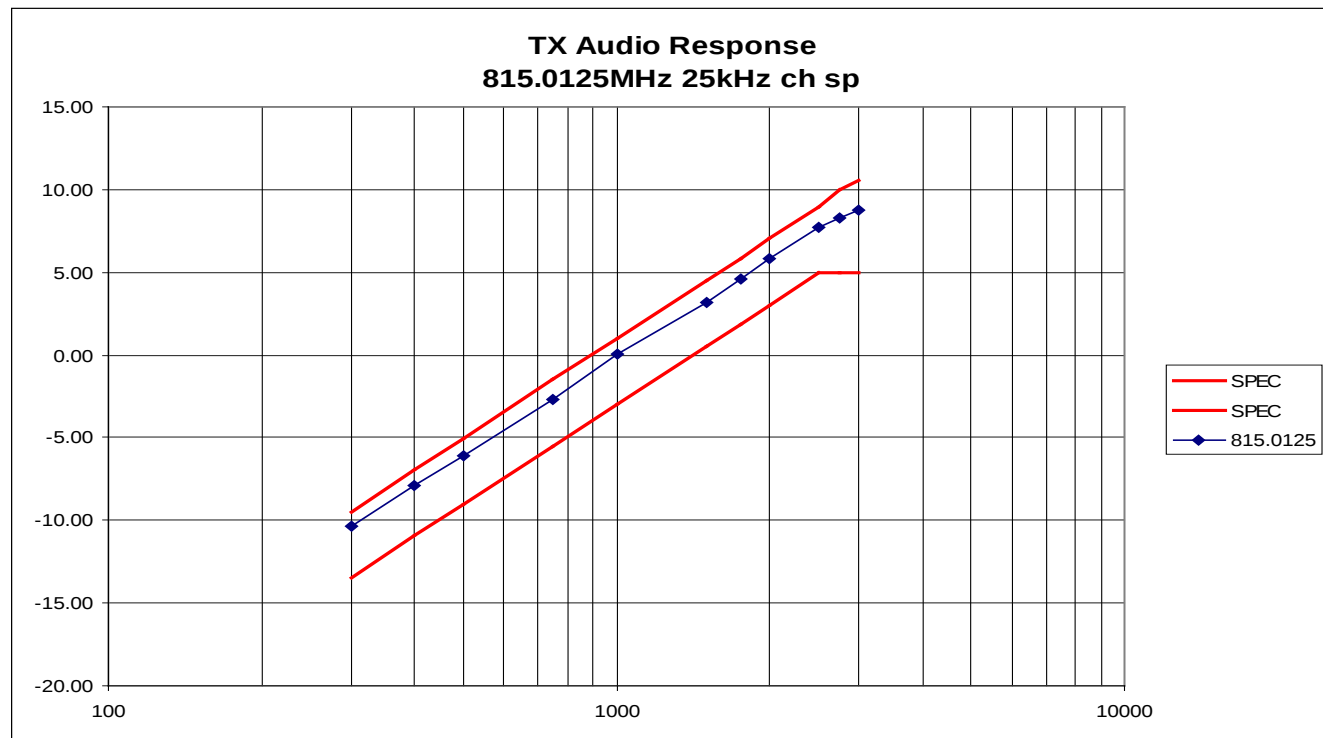


Figure 6B-2: 25 kHz Channel Spacing, 815.0125 MHz, Transmit Audio Frequency Response

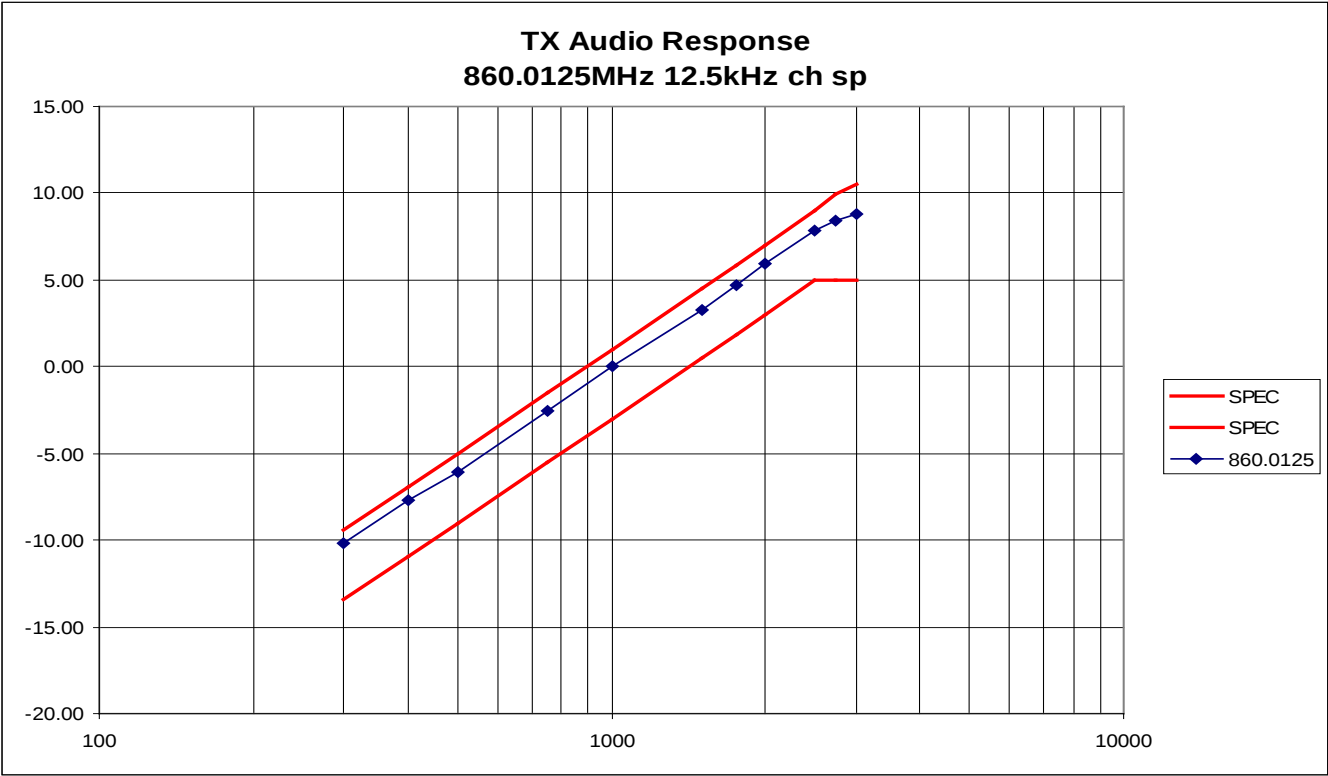


Figure 6B-3: 12.5 kHz Channel Spacing, 860.0125 MHz, Transmit Audio Frequency Response

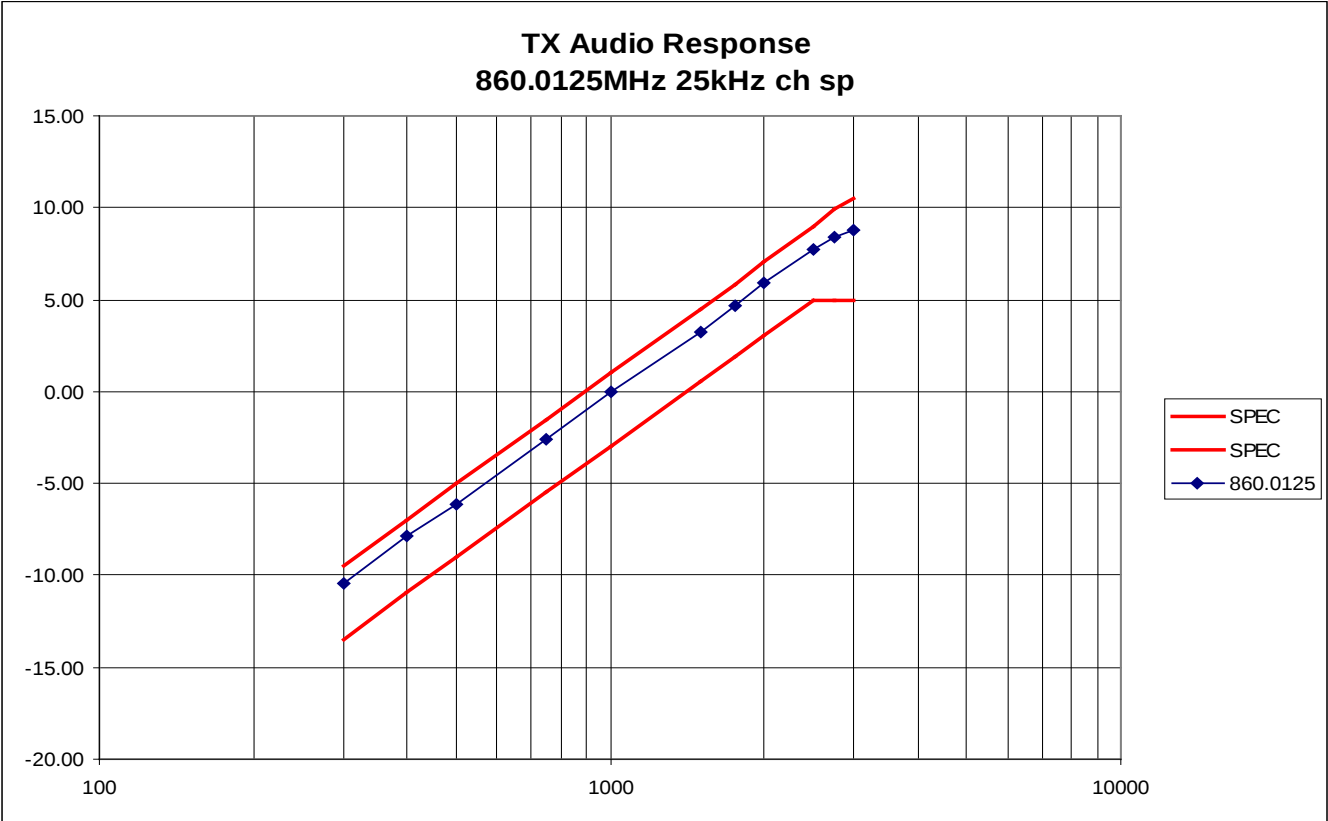


Figure 6B-4: 25 kHz Channel Spacing, 860.0125 MHz, Transmit Audio Frequency Response

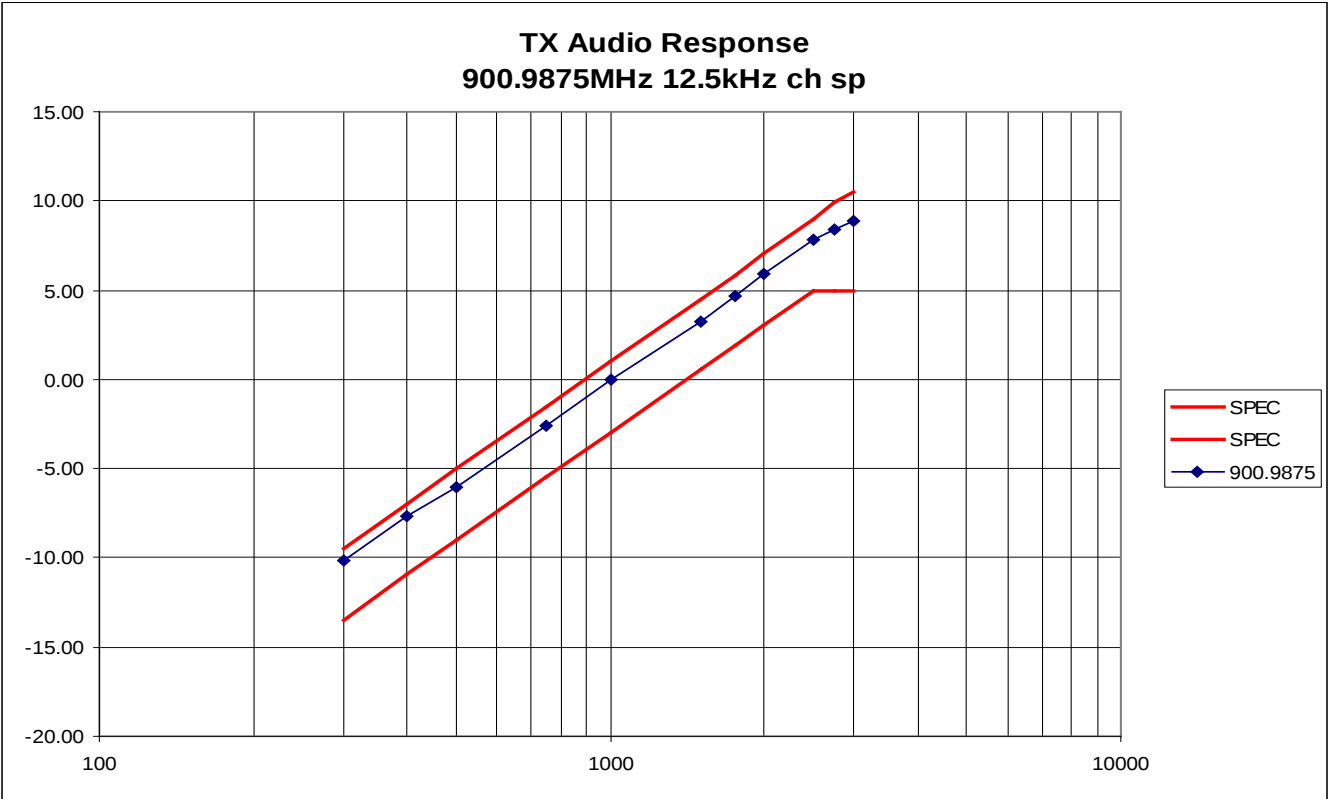


Figure 6B-5: 12.5 kHz Channel Spacing, 900.9875 MHz, Transmit Audio Frequency Response

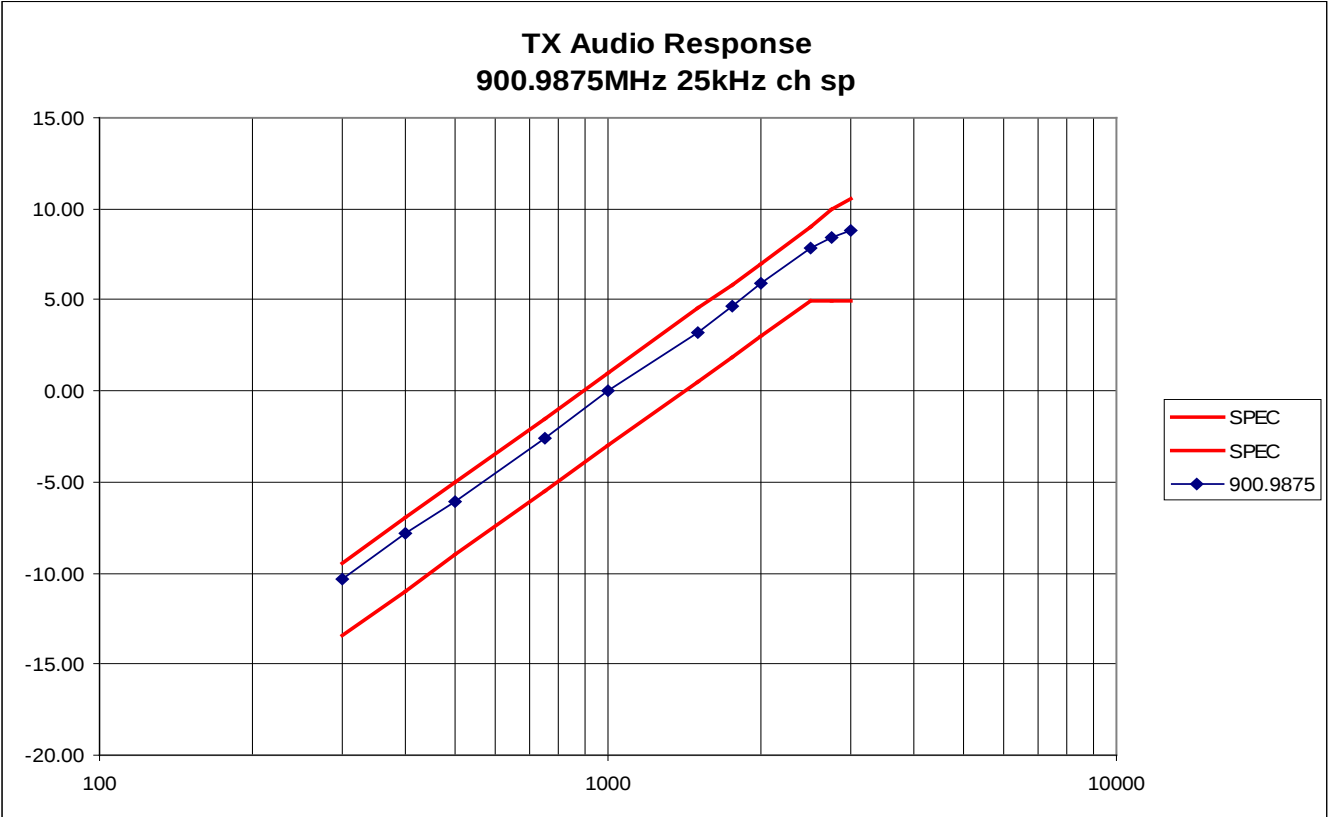


Figure 6B-6: 25 kHz Channel Spacing, 900.9875 MHz, Transmit Audio Frequency Response

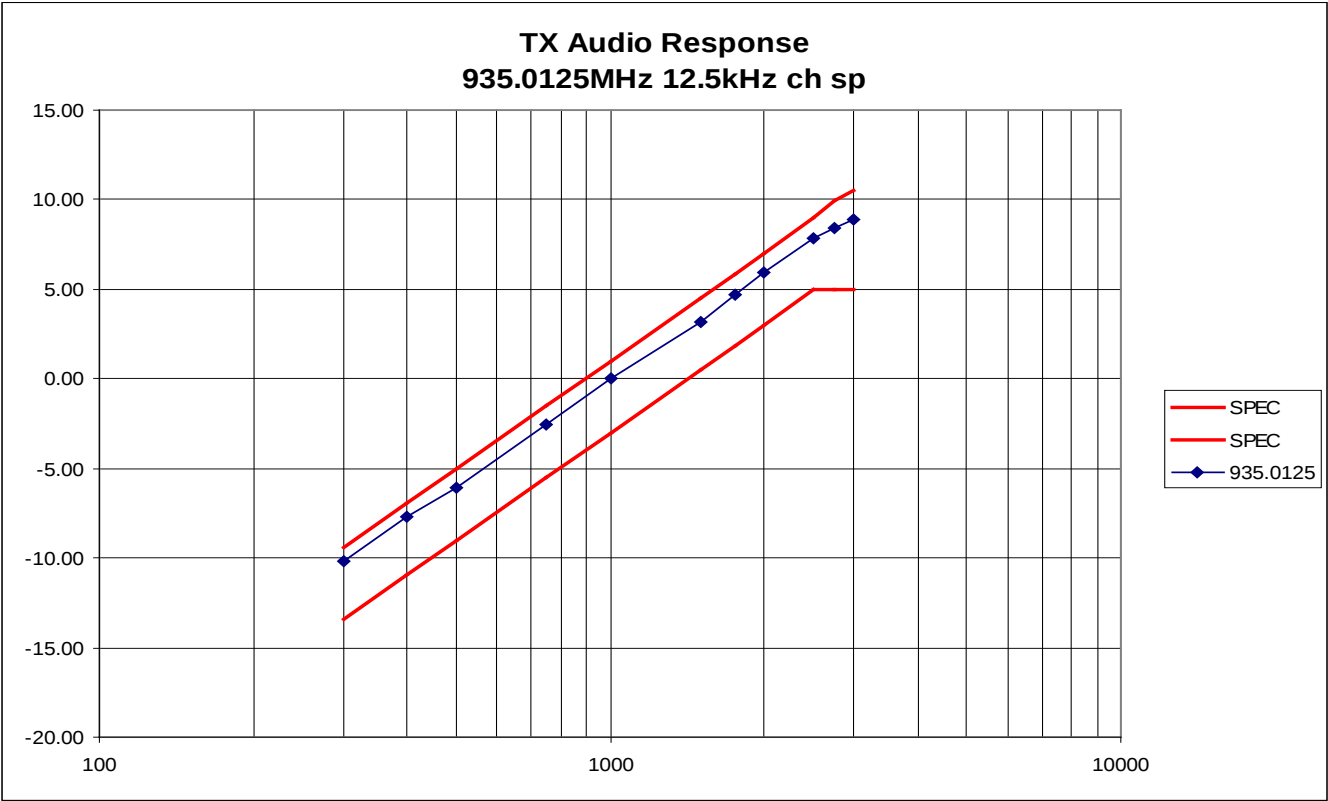


Figure 6B-7: 12.5 kHz Channel Spacing, 935.0125 MHz, Transmit Audio Frequency Response

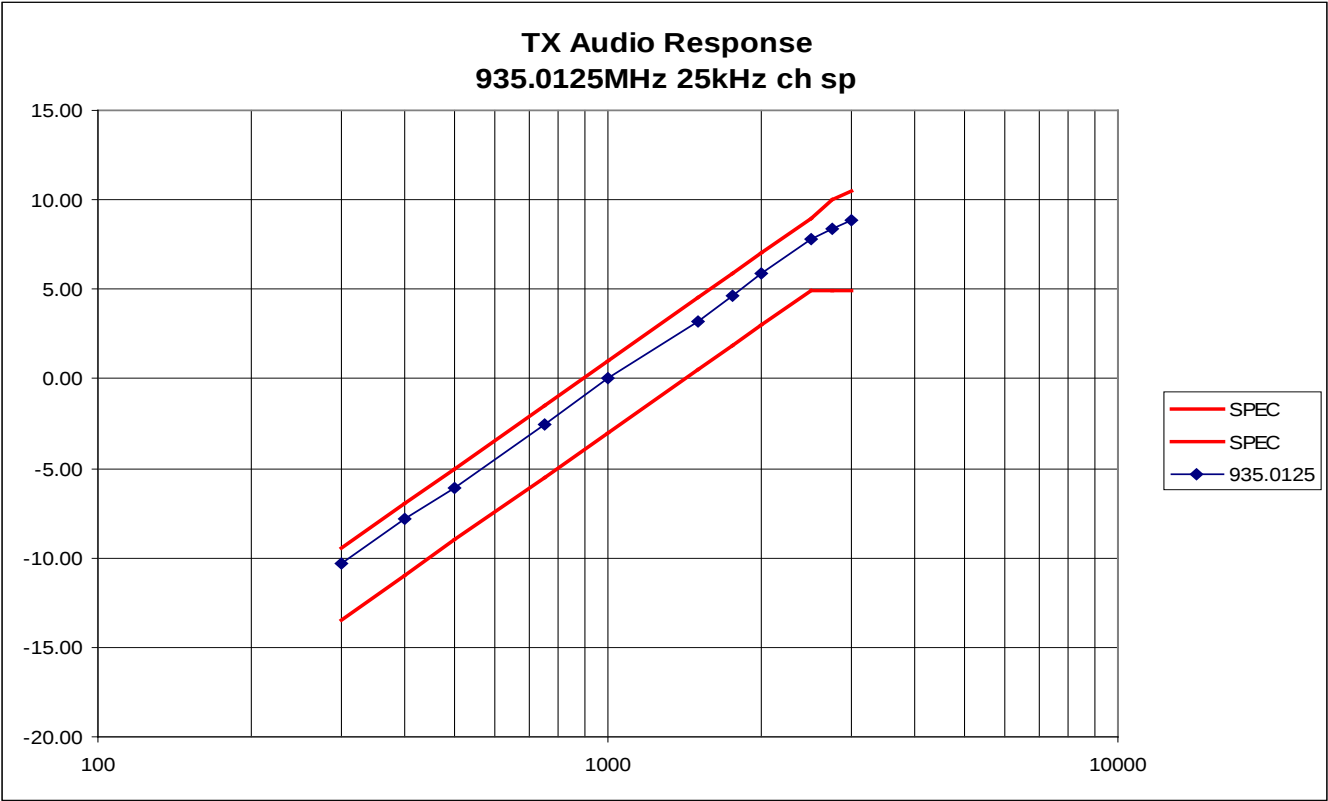


Figure 6B-8: 25 kHz Channel Spacing, 935.0125 MHz, Transmit Audio Frequency Response

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

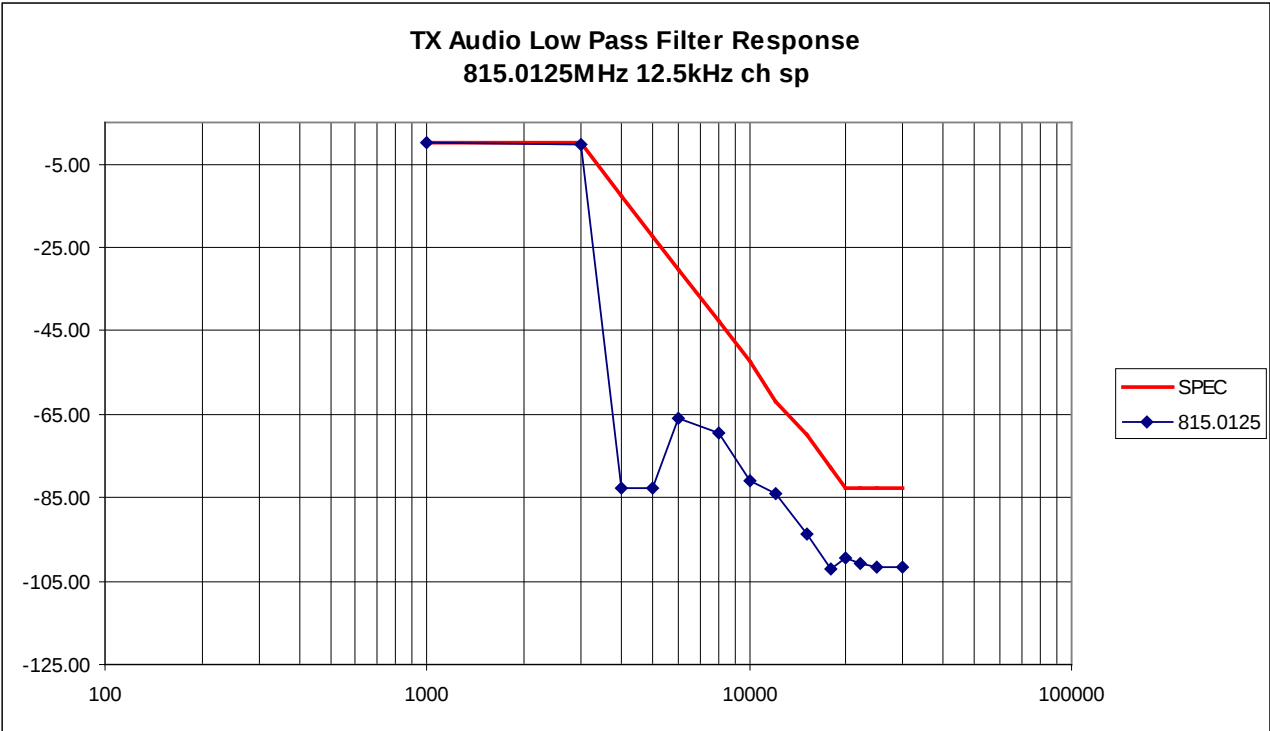


Figure 6C-1: 12.5 kHz Channel Spacing, 815.0125 MHz, Transmit Audio Low Pass Filter Response

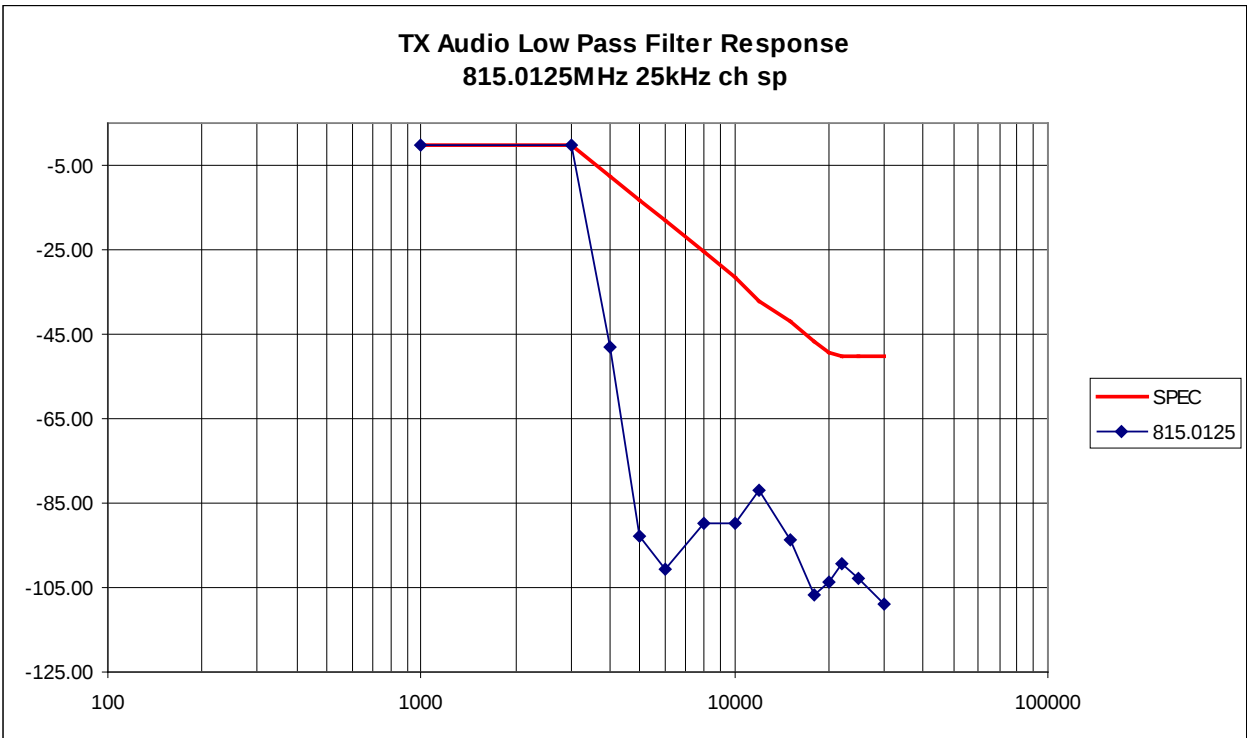
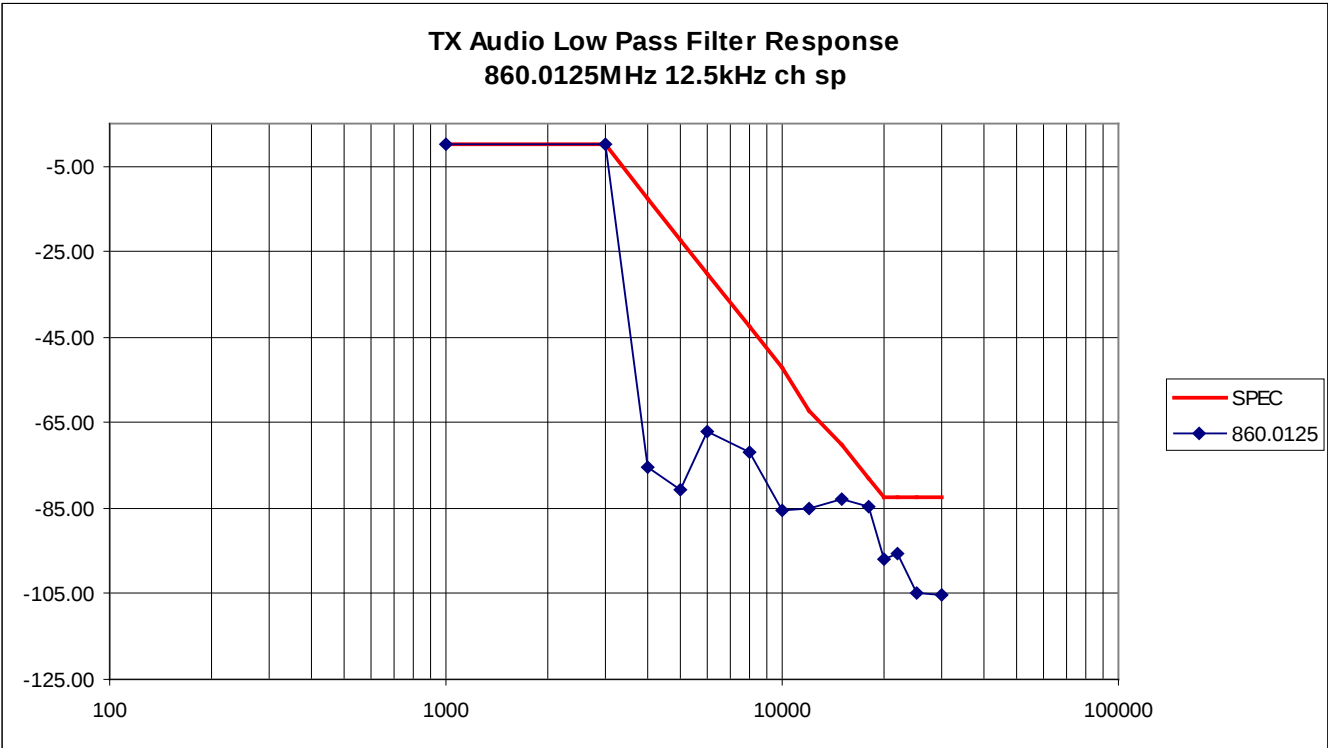
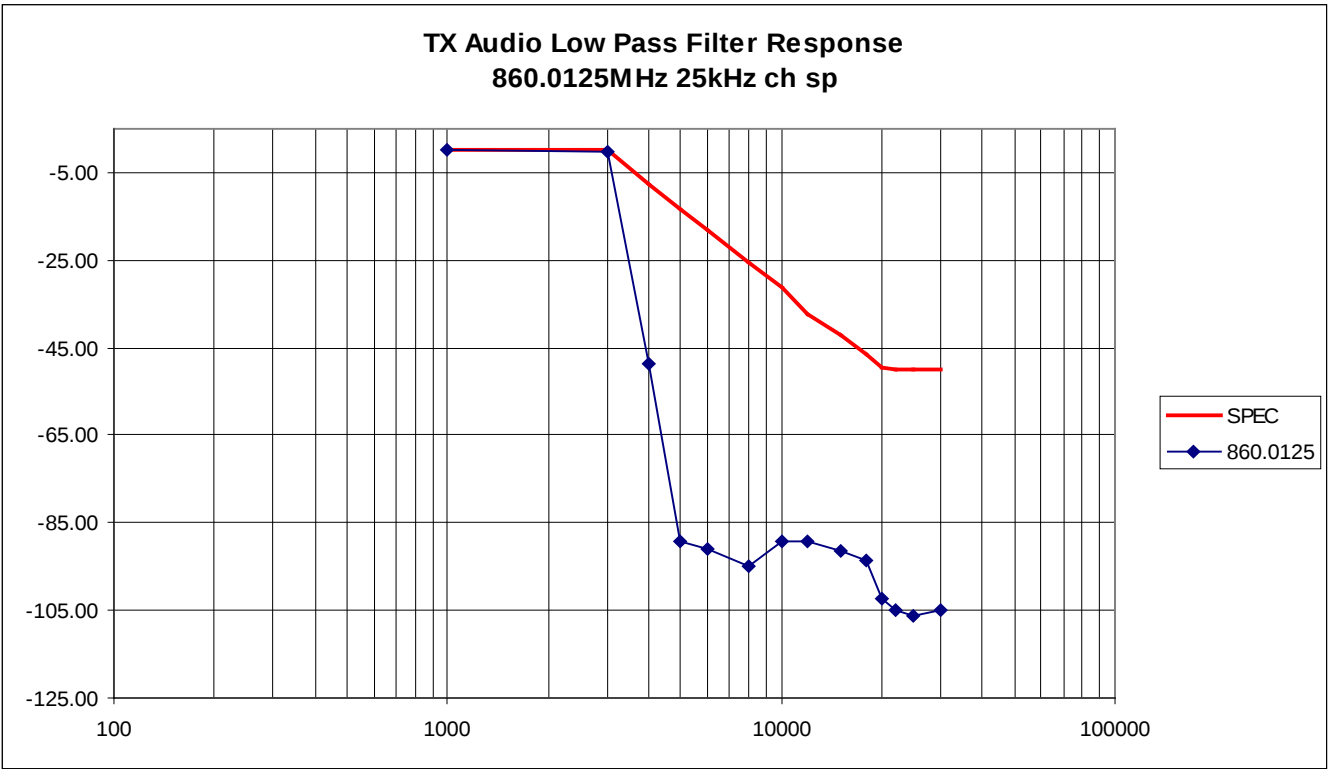


Figure 6C-2: 25 kHz Channel Spacing, 815.0125 MHz, Transmit Audio Low Pass Filter Response



**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, Transmit Audio Low Pass Filter Response

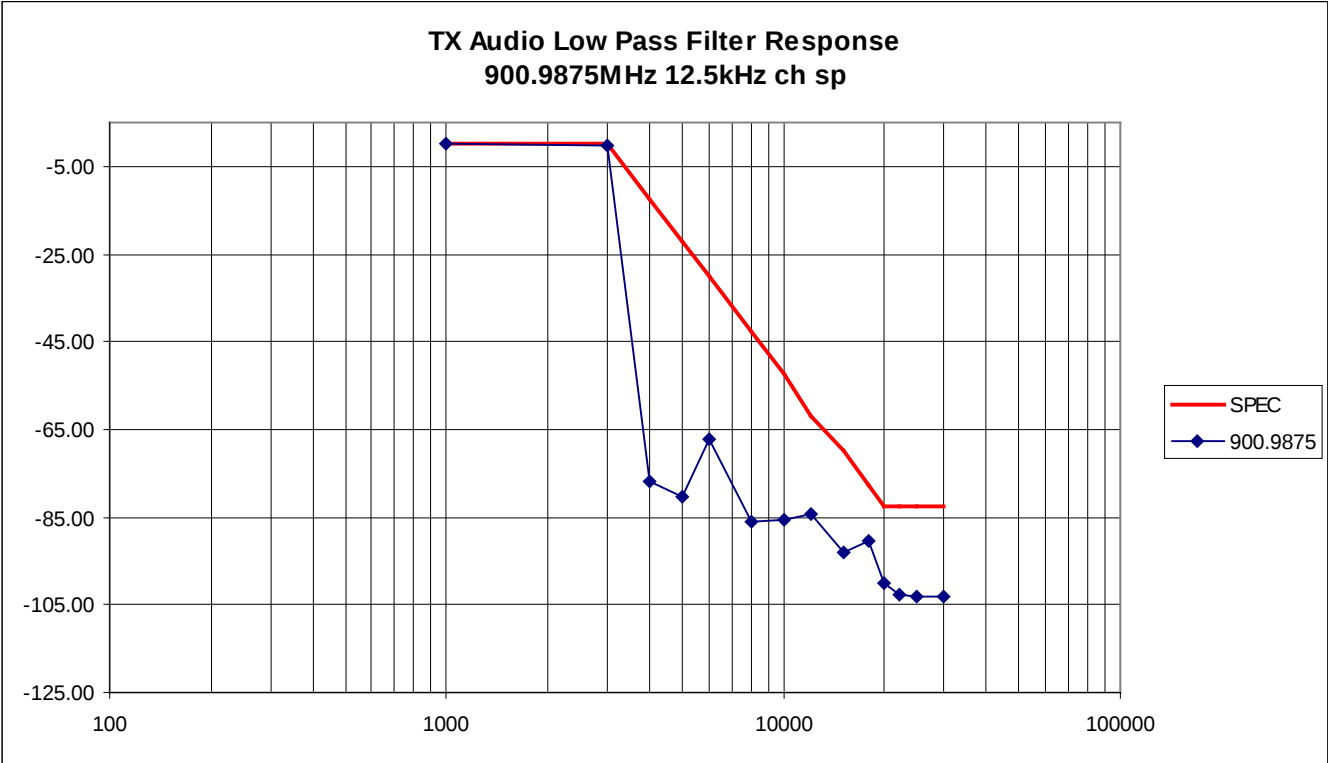


Figure 6C-5: 12.5 kHz Channel Spacing, 900.9875 MHz, Transmit Audio Low Pass Filter Response

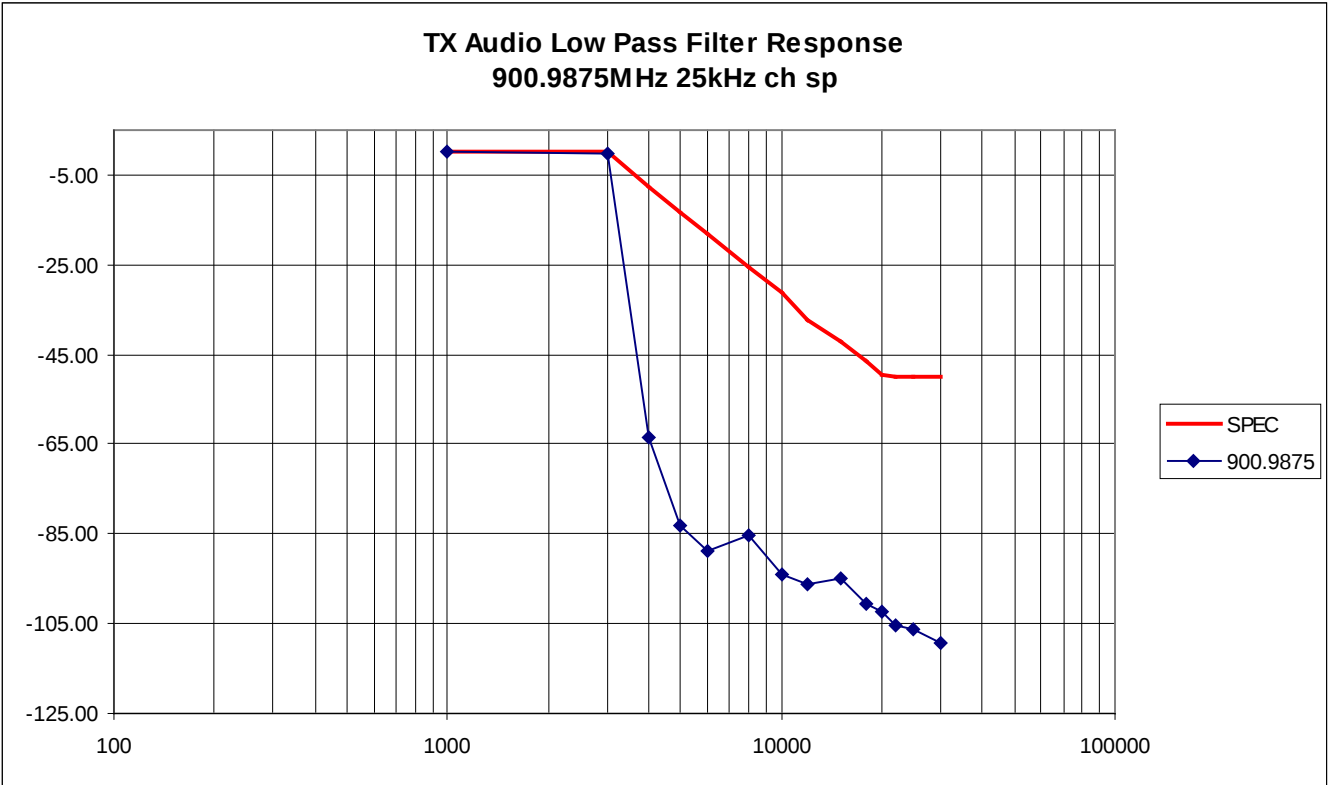


Figure 6C-6: 25 kHz Channel Spacing, 900.9875 MHz, Transmit Audio Low Pass Filter Response

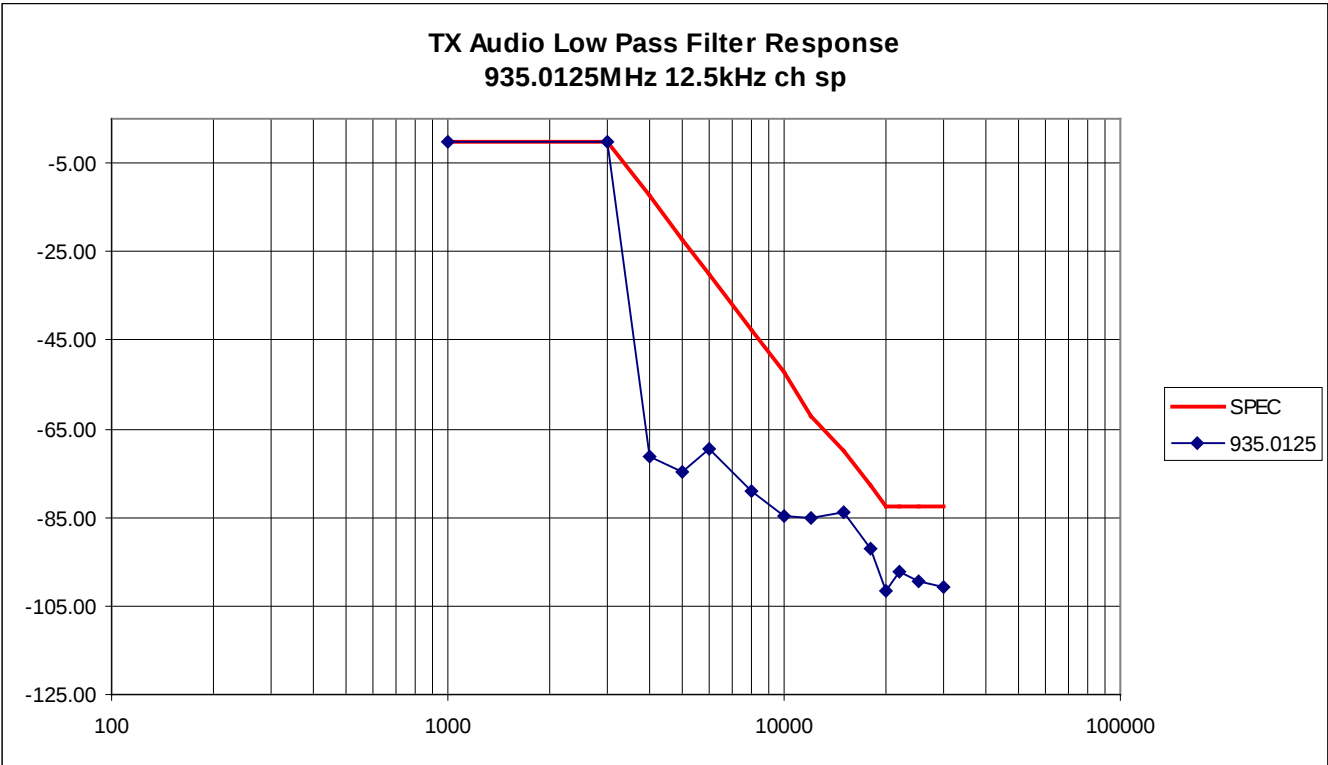


Figure 6C-7: 12.5 kHz Channel Spacing, 935.0125 MHz, Transmit Audio Low Pass Filter Response

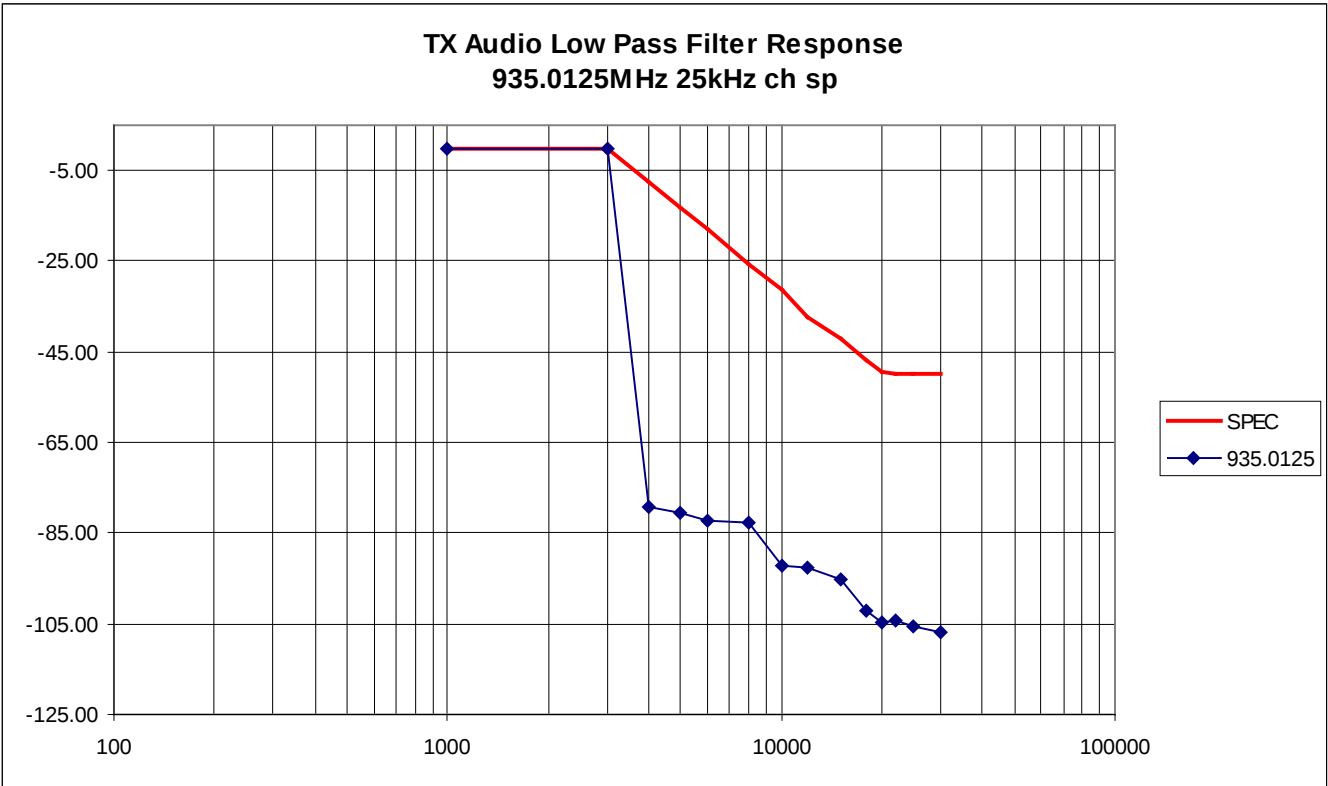


Figure 6C-8: 25 kHz Channel Spacing, 935.0125 MHz, Transmit Audio Low Pass Filter Response

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

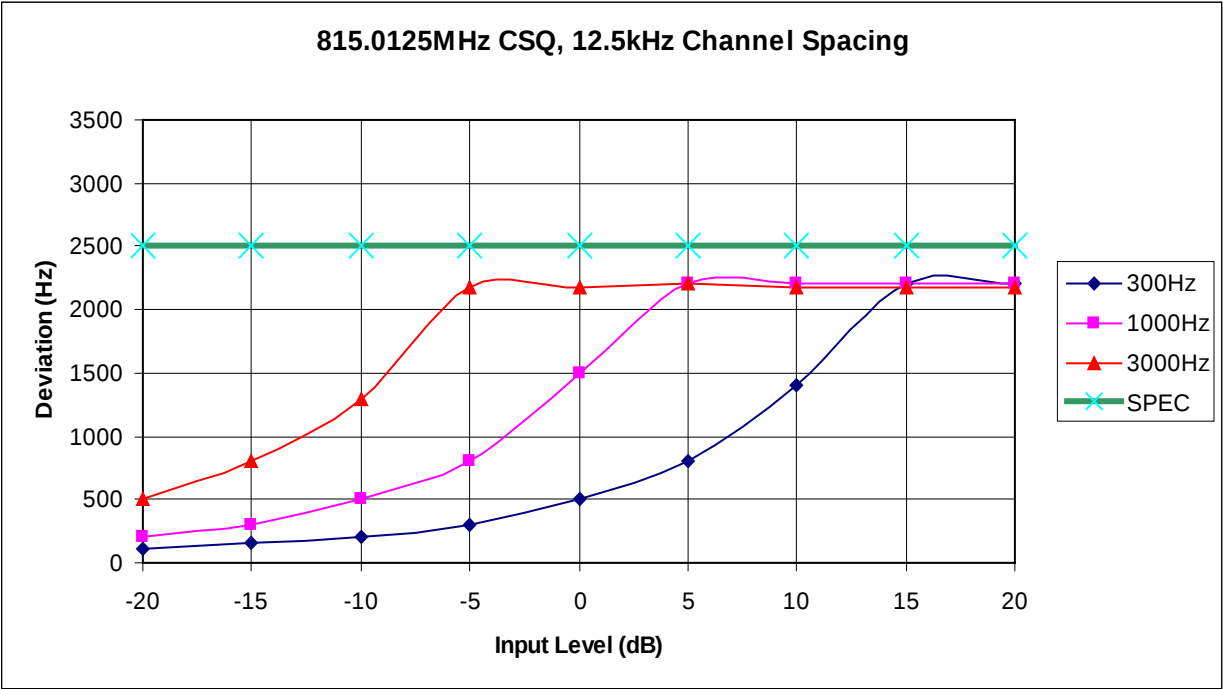


Figure 6D-1: 12.5 kHz Channel Spacing, 815.0125 MHz, Carrier Squelch (CSQ) Mode

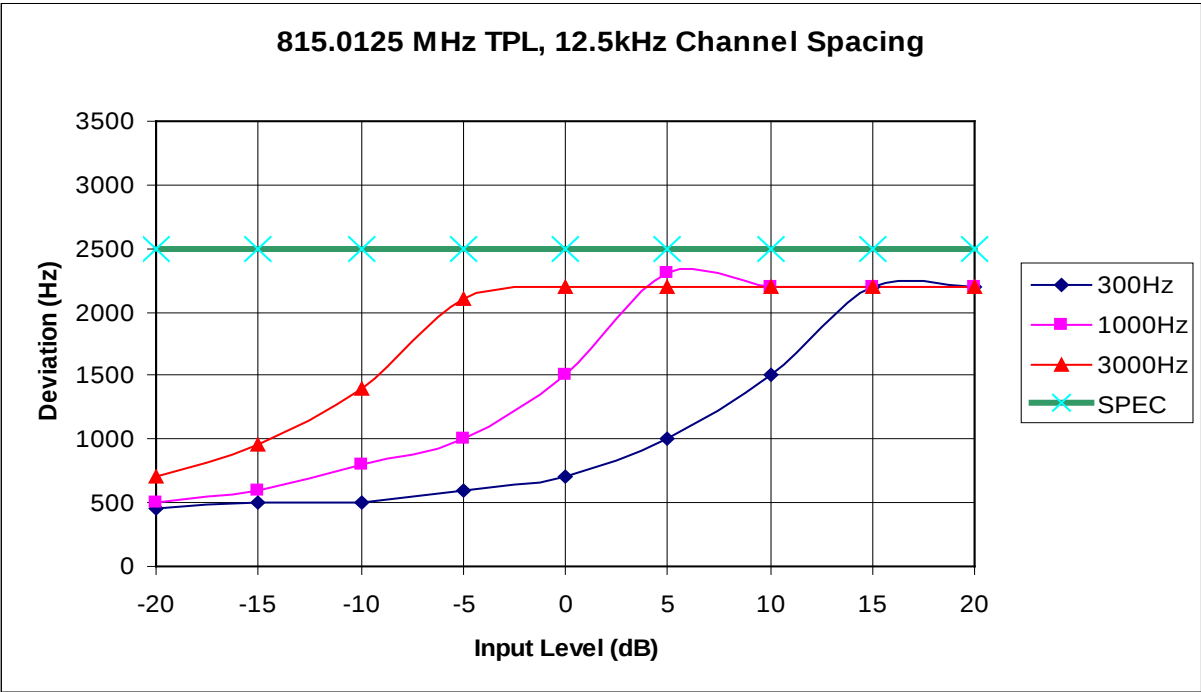


Figure 6D-2: 12.5 kHz Channel Spacing, 815.0125 MHz TPL, Tone Private Line (TPL) Mode

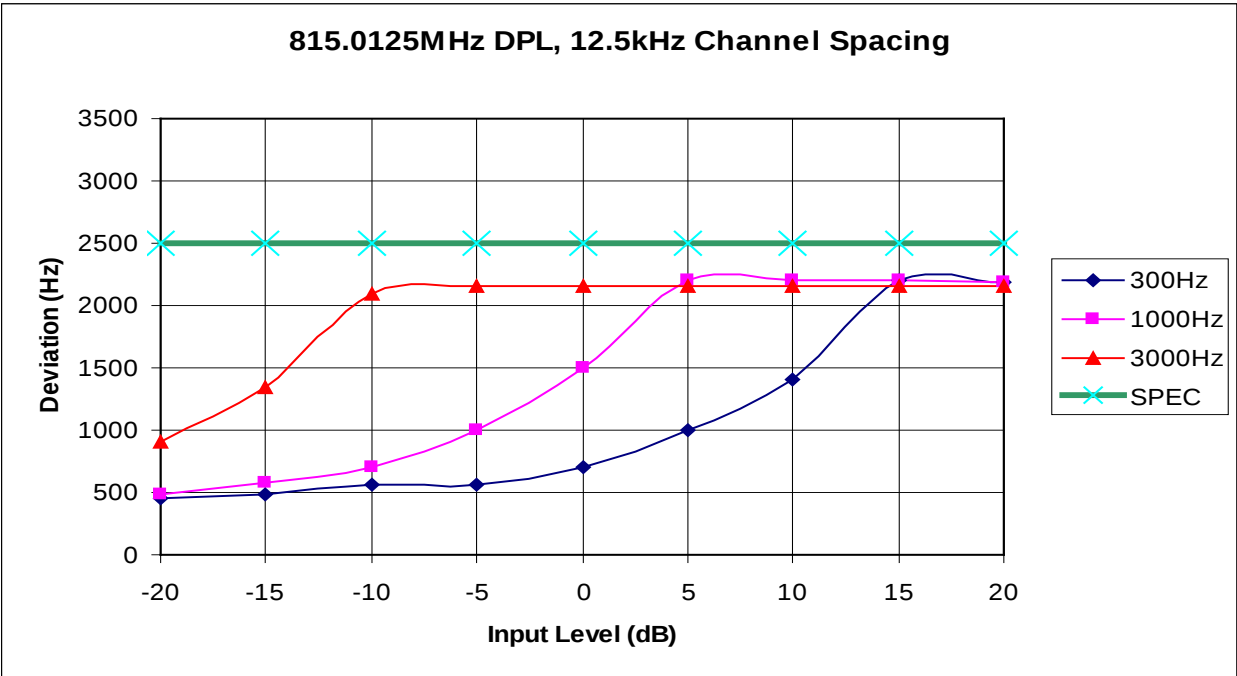


Figure 6D-3: 12.5 kHz Channel Spacing, 815.0125 MHz, Digital Private Line (DPL) Mode

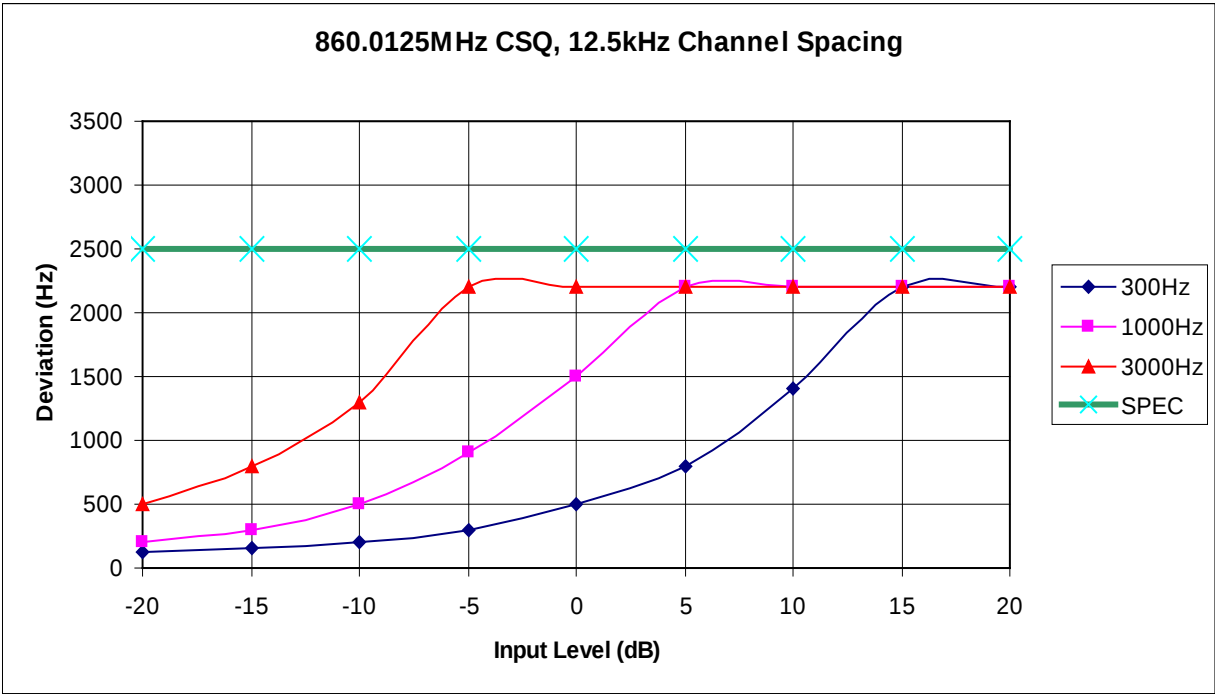


Figure 6D-4: 12.5 kHz Channel Spacing, 860.0125 MHz, Carrier Squelch (CSQ) Mode

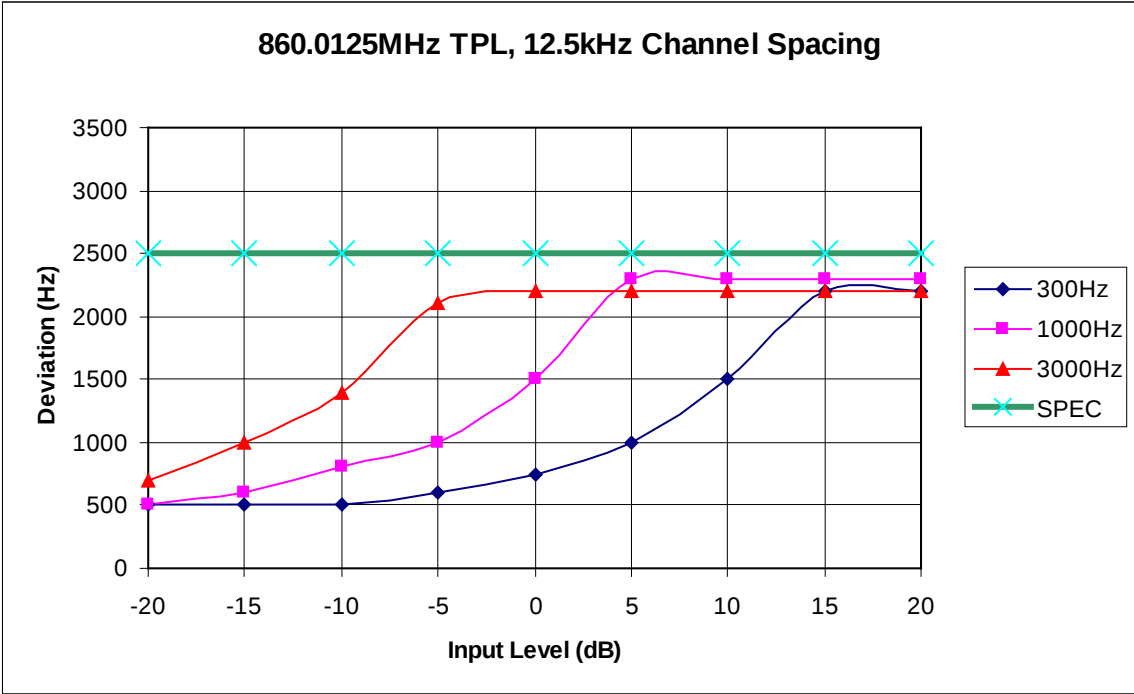


Figure 6D-5: 12.5 kHz Channel Spacing, 860.0125 MHz, Tone Private Line (TPL) Mode

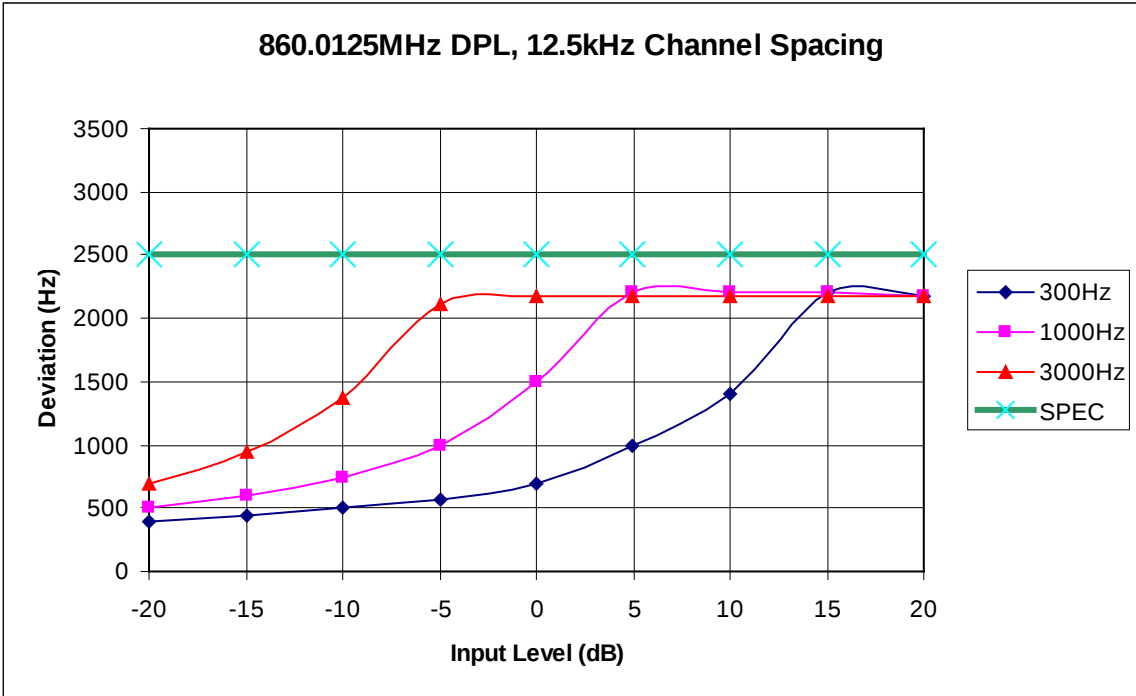


Figure 6D-6: 12.5 kHz Channel Spacing, 860.0125 MHz, Digital Private Line (DPL) Mode

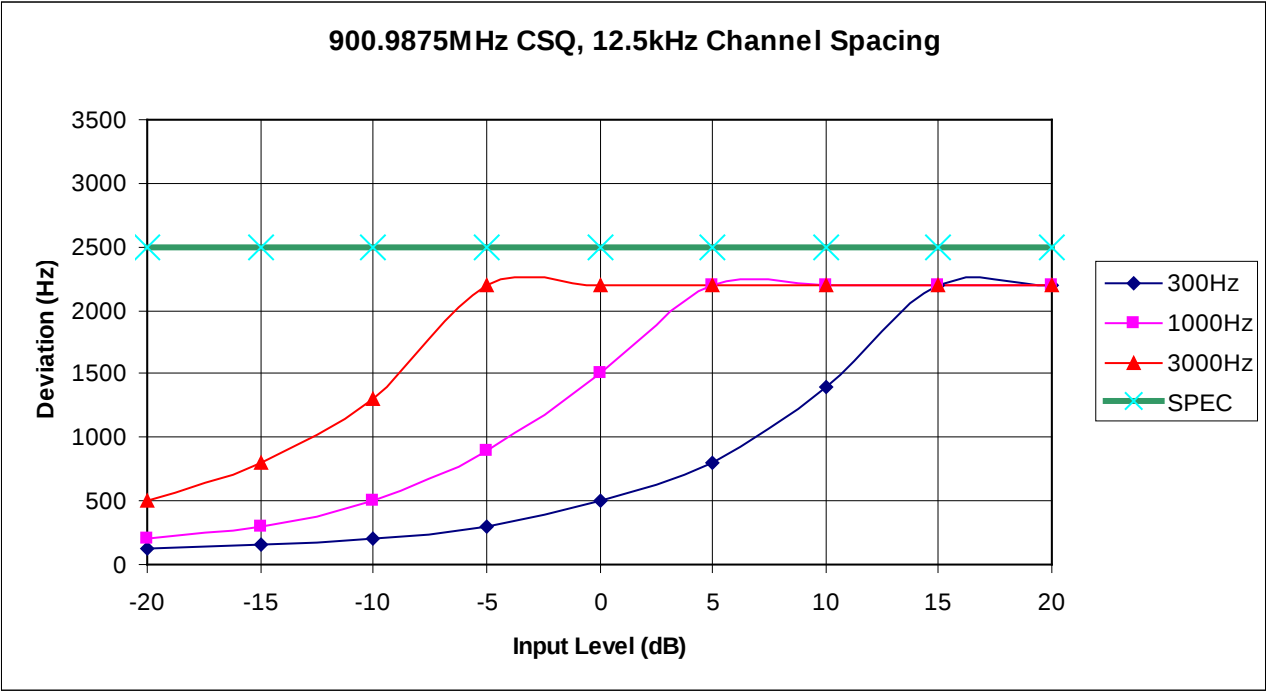


Figure 6D-7: 12.5 kHz Channel Spacing, 900.9875 MHz, Carrier Squelch (CSQ) Mode

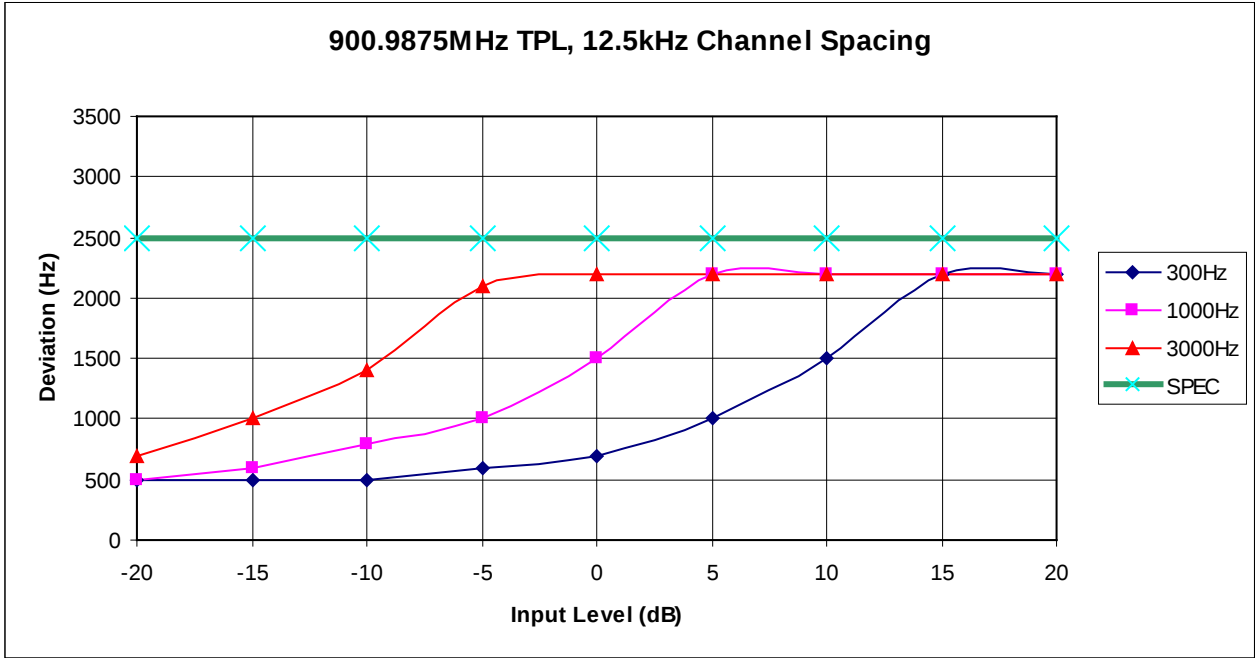


Figure 6D-8: 12.5 kHz Channel Spacing, 900.9875 MHz, Tone Private Line (TPL) Mode

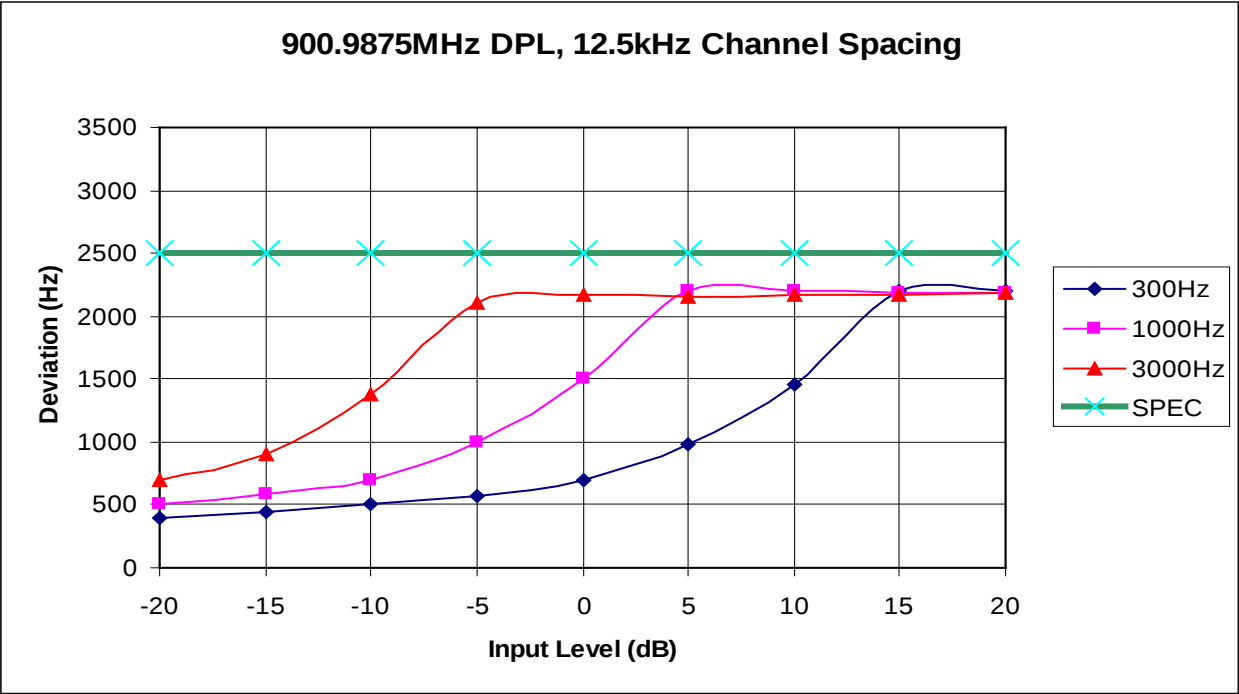


Figure 6D-9: 12.5 kHz Channel Spacing, 900.9875 MHz, Digital Private Line (DPL) Mode

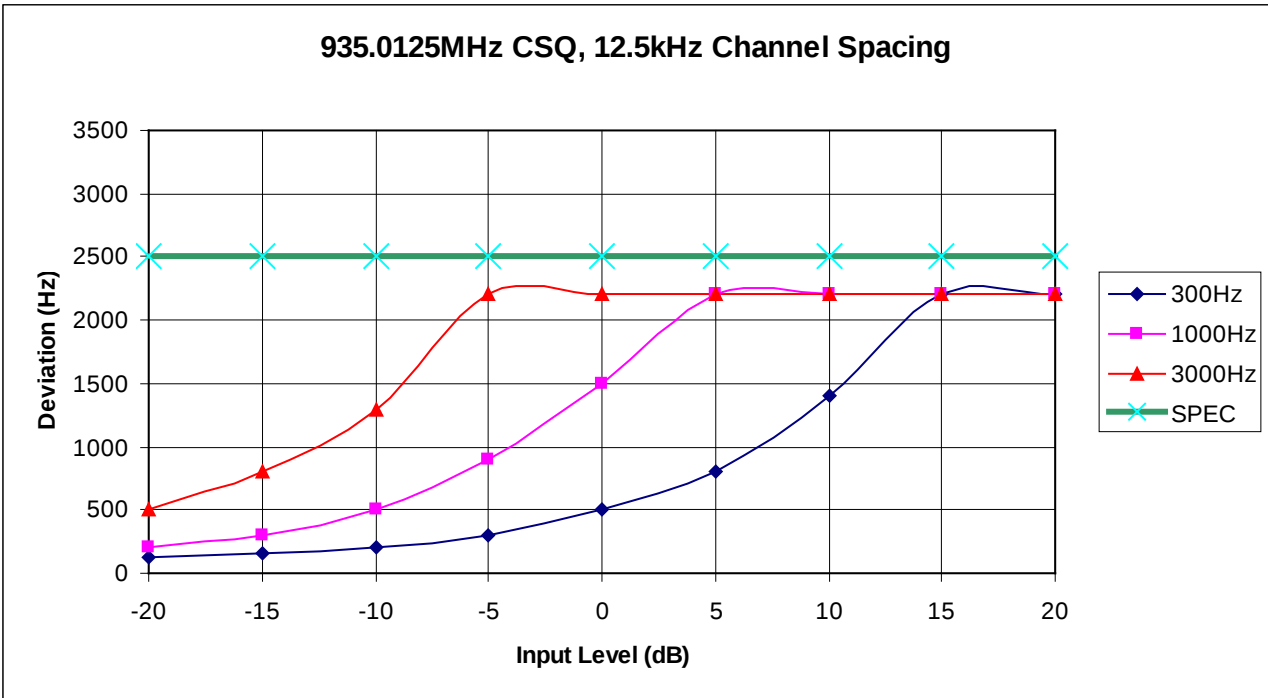


Figure 6D-10: 12.5 kHz Channel Spacing, 935.0125 MHz, Carrier Squelch (CSQ) Mode

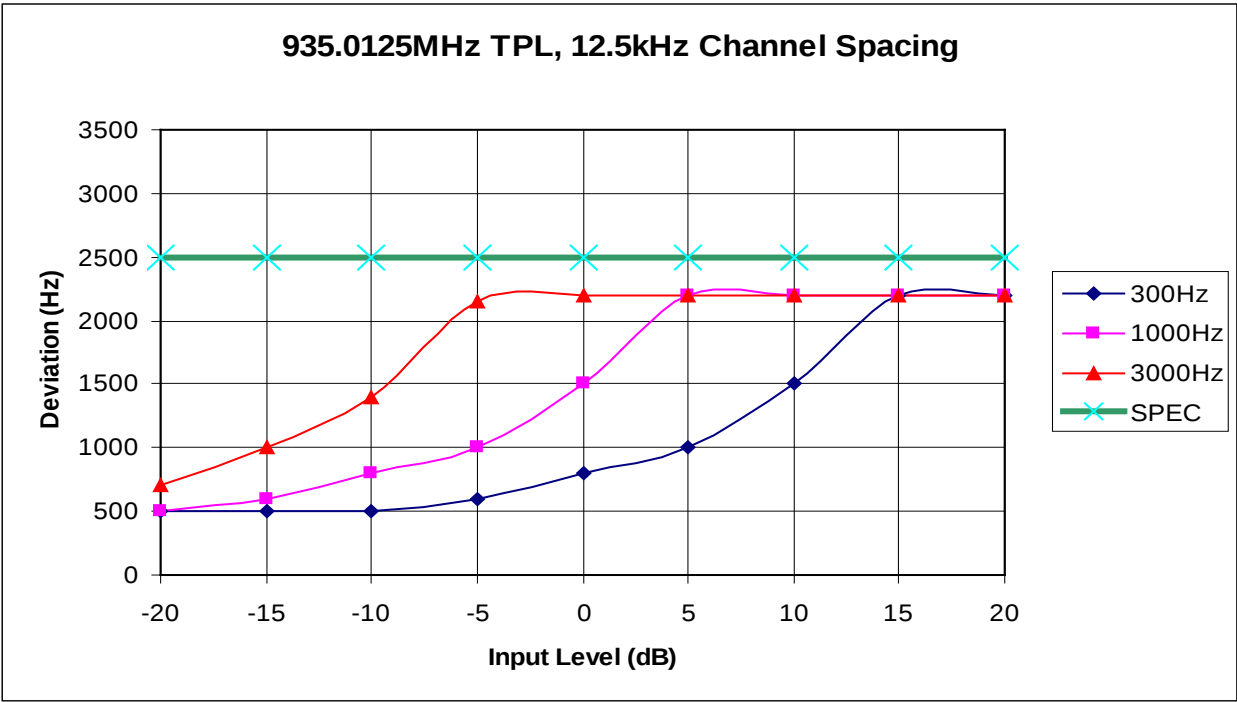


Figure 6D-11: 12.5 kHz Channel Spacing, 935.0125 MHz, Tone Private Line (TPL) Mode

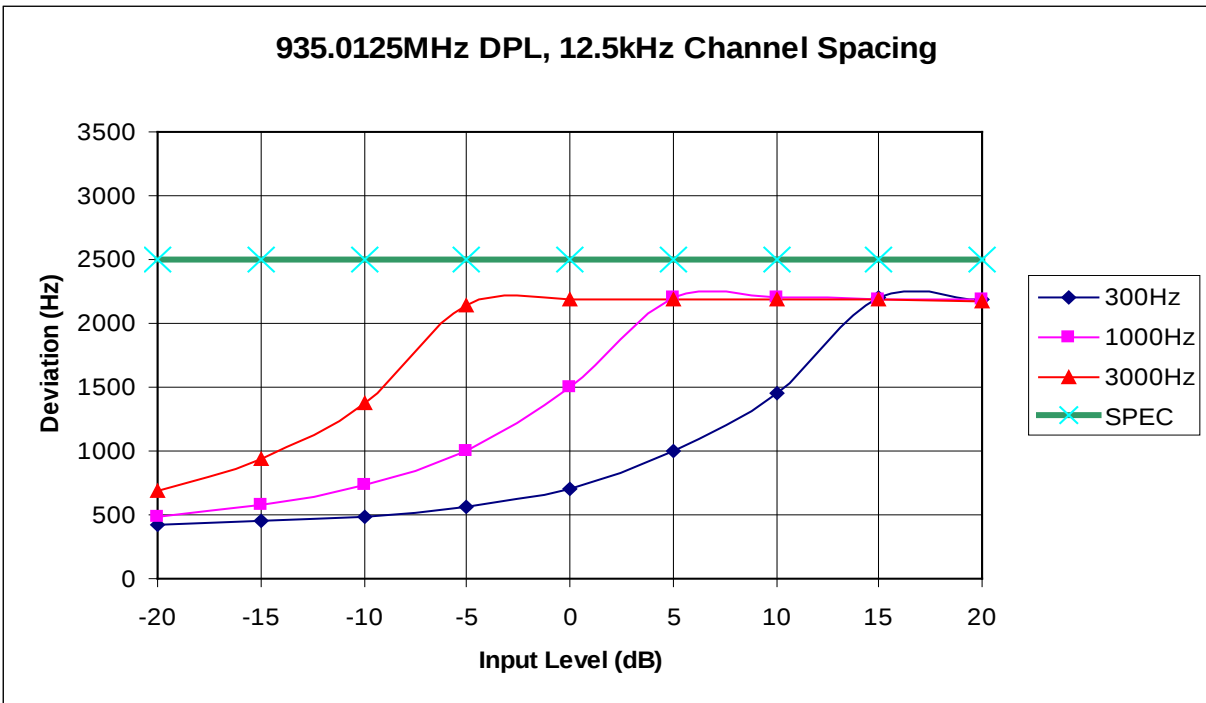


Figure 6D-12: 12.5 kHz Channel Spacing, 935.0125 MHz, Digital Private Line (DPL) Mode

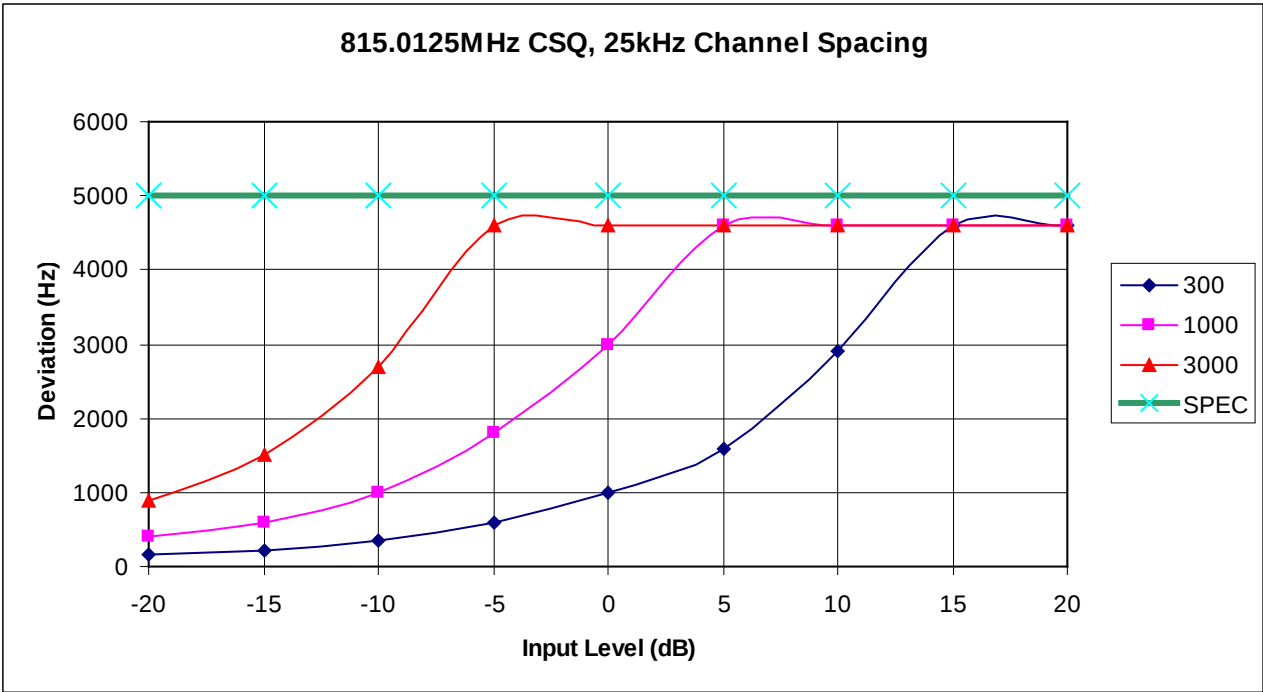


Figure 6D-13: 25 kHz Channel Spacing, 815.0125 MHz, Carrier Squelch (CSQ) Mode

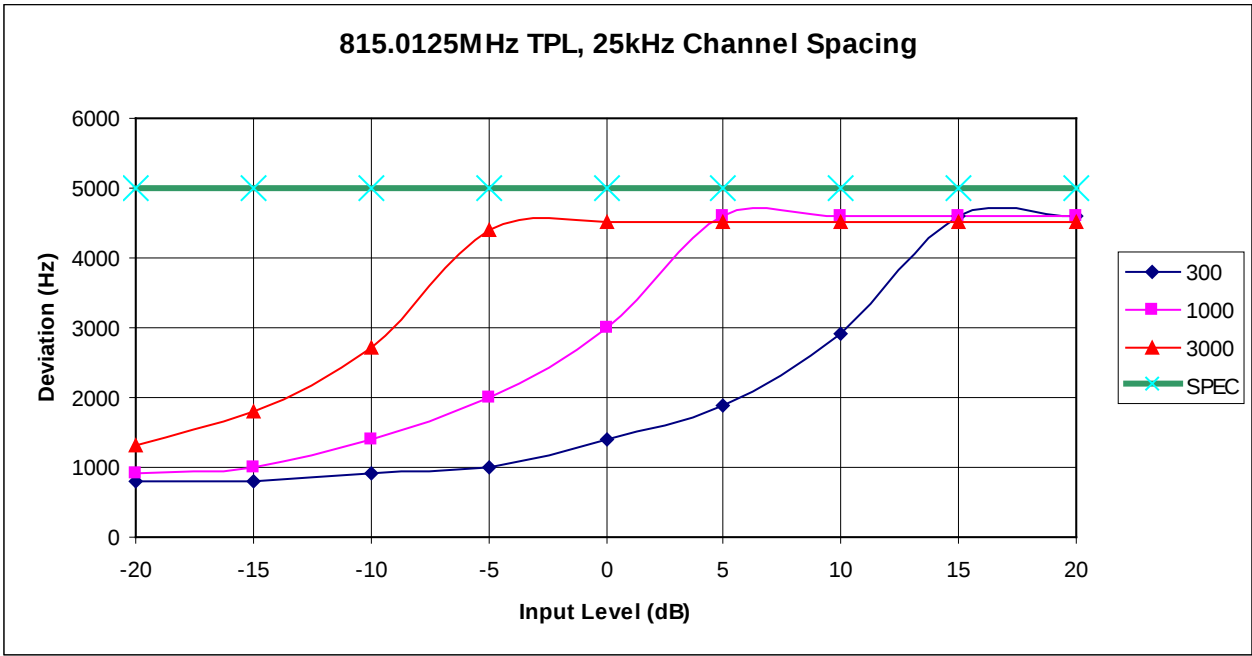


Figure 6D-14: 25 kHz Channel Spacing, 815.0125 MHz, Tone Private Line (TPL) Mode

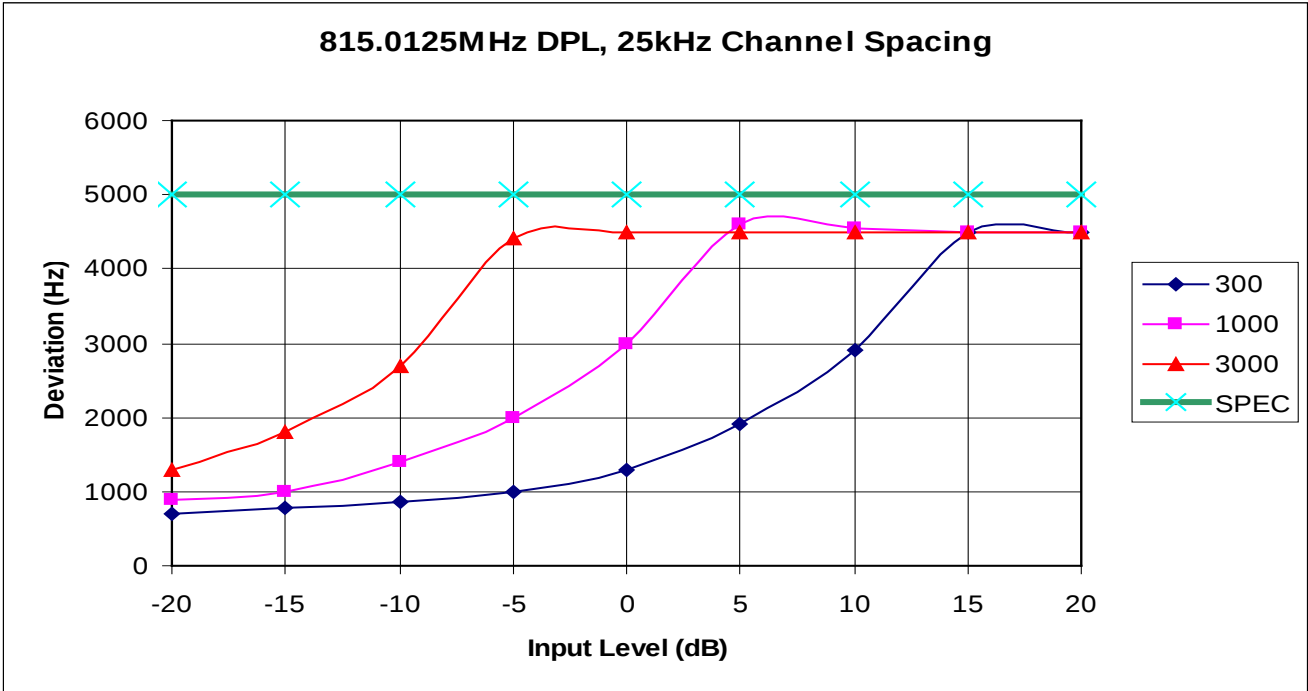


Figure 6D-15: 25 kHz Channel Spacing, 815.0125 MHz, Digital Private Line (DPL) Mode

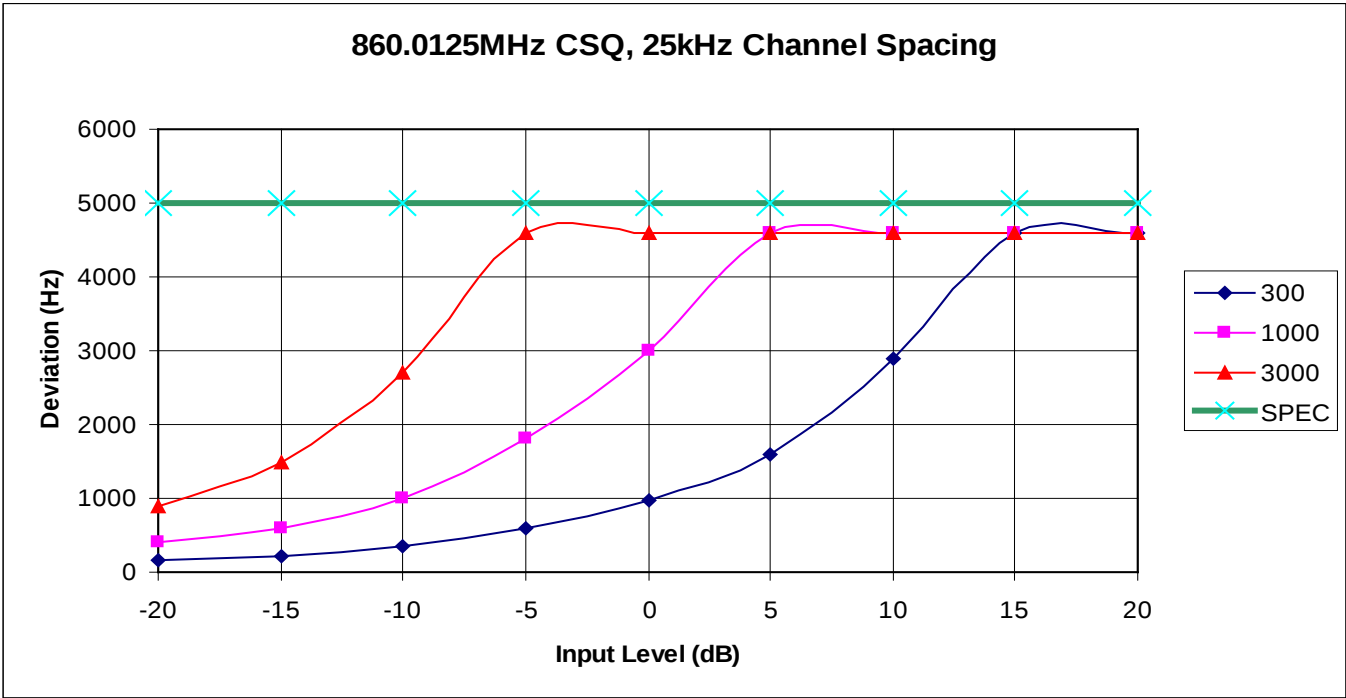


Figure 6D-16: 25 kHz Channel Spacing, 860.0125 MHz, Carrier Squelch (CSQ) Mode

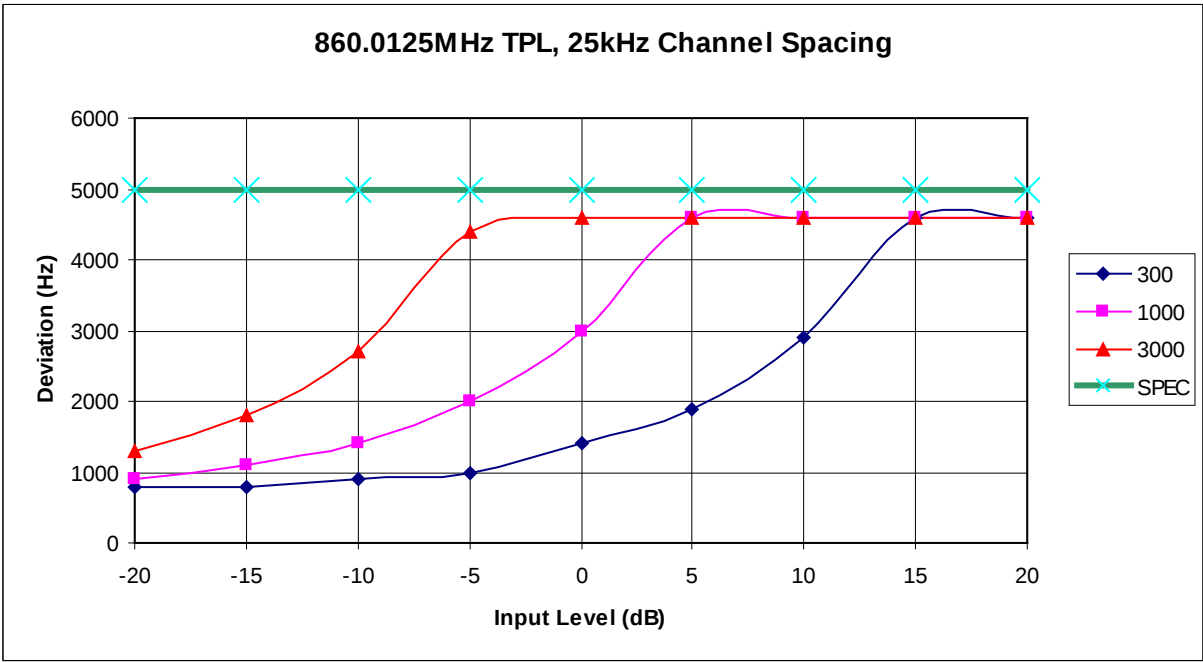


Figure 6D-17: 25 kHz Channel Spacing, 860.0125 MHz, Tone Private Line (TPL) Mode

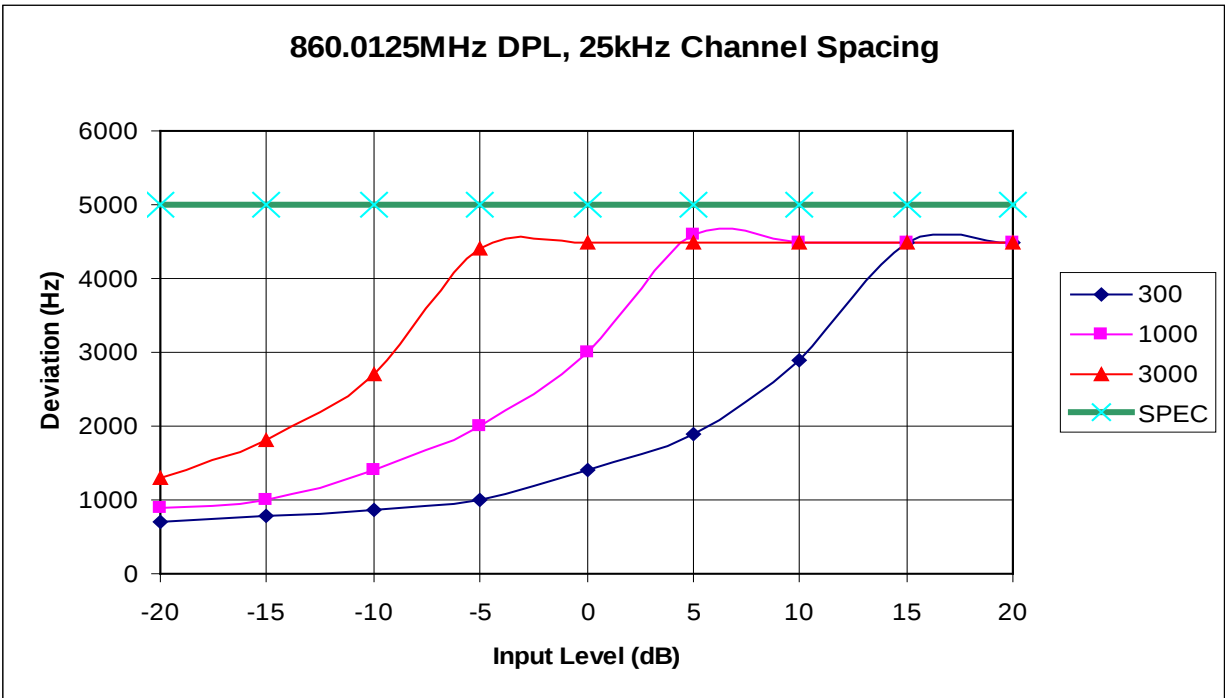


Figure 6D-18: 25 kHz Channel Spacing, 860.0125 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E

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

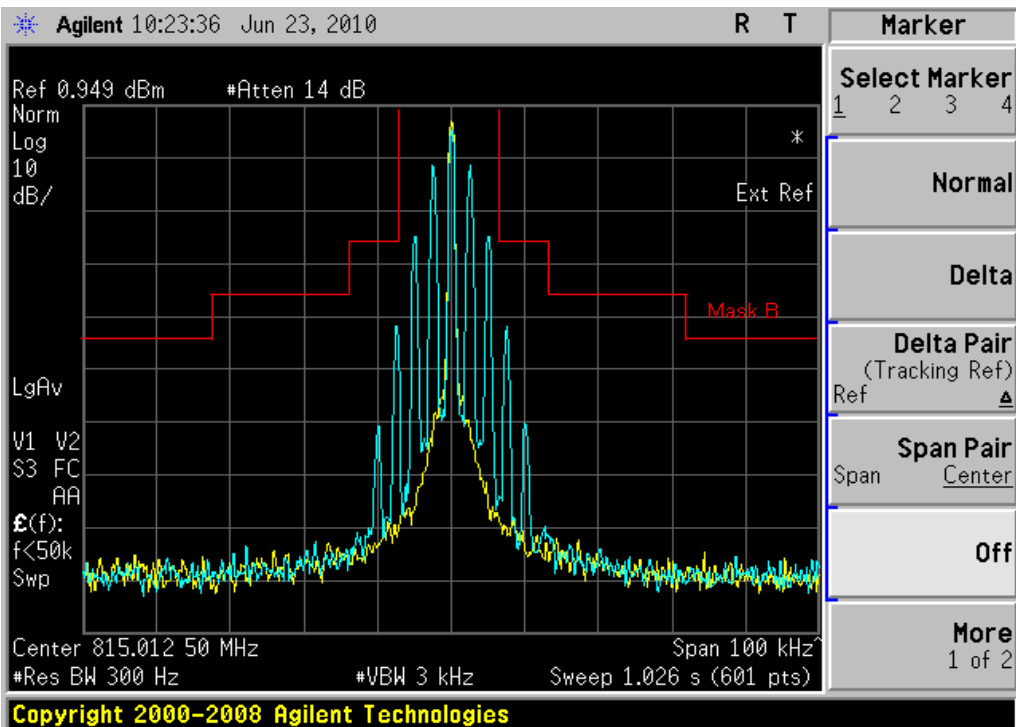


Figure 6E-1: 12.5 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 11K0F3E Mask B

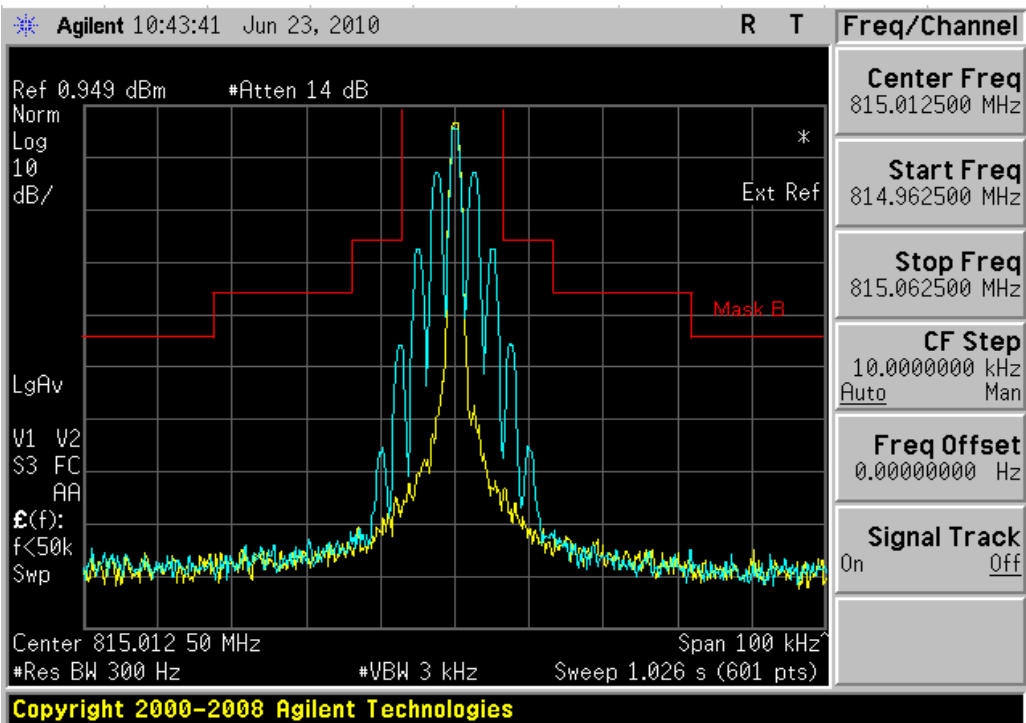


Figure 6E-2: 12.5 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask B

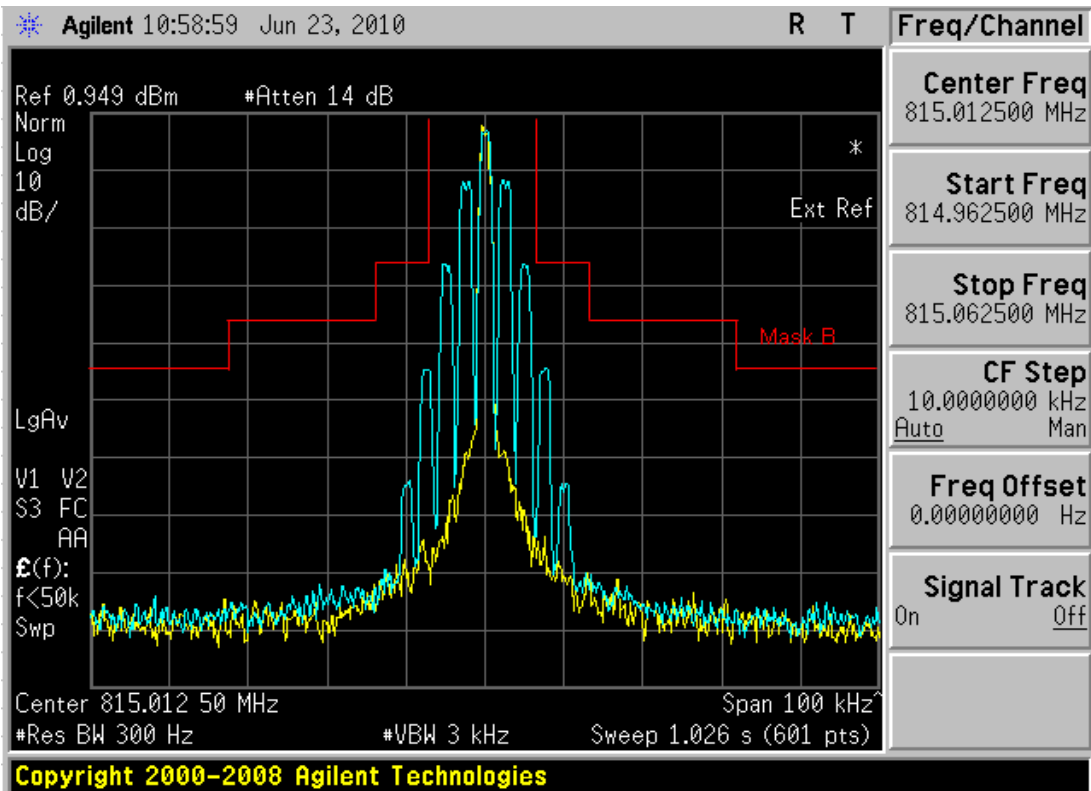


Figure 6E-3: 12.5 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask B

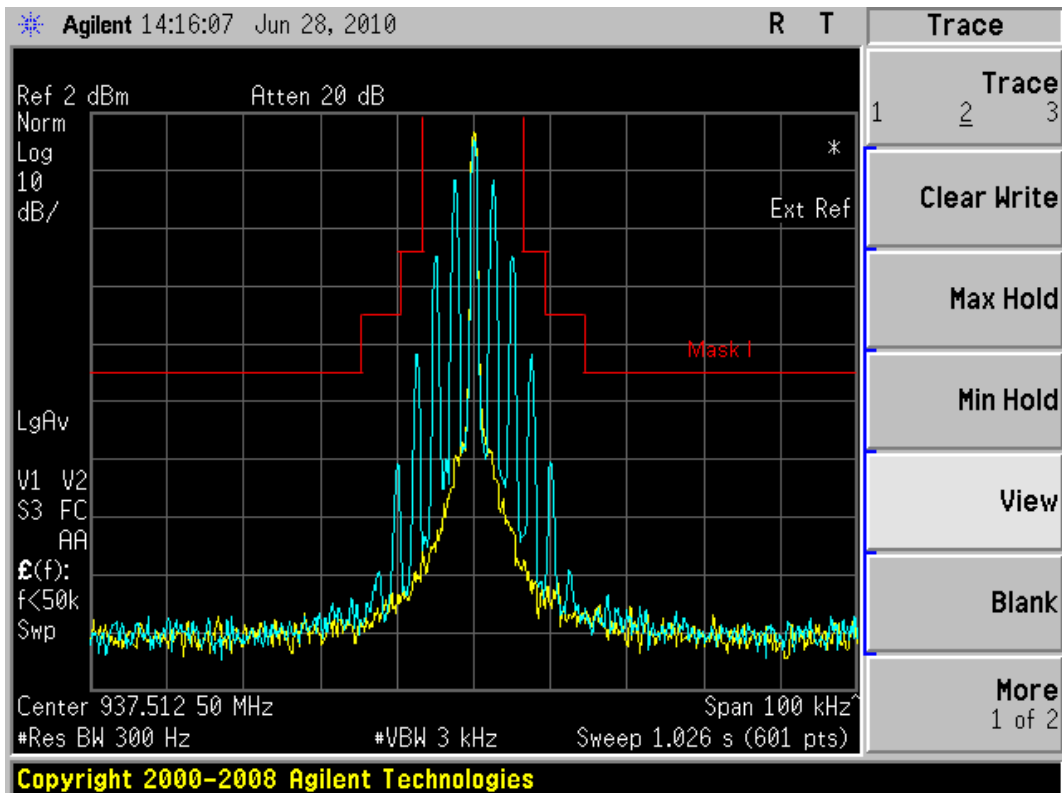


Figure 6E-4: 12.5 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 11K0F3E Mask I

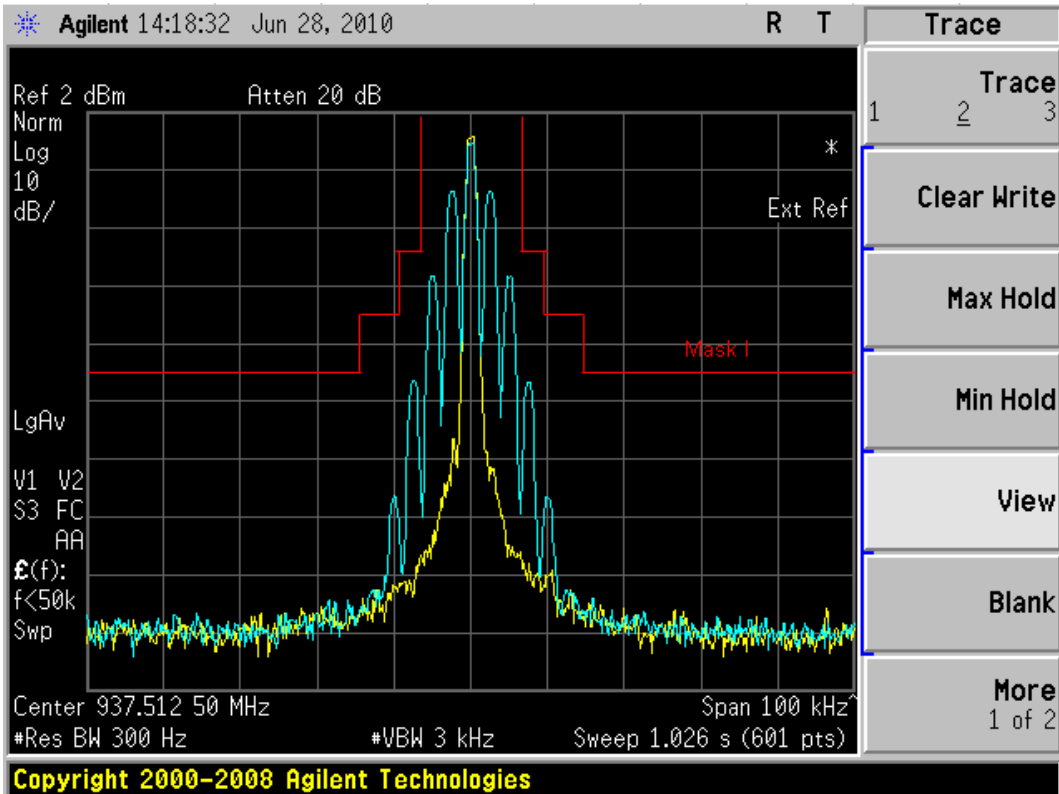


Figure 6E-5: 12.5 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask I

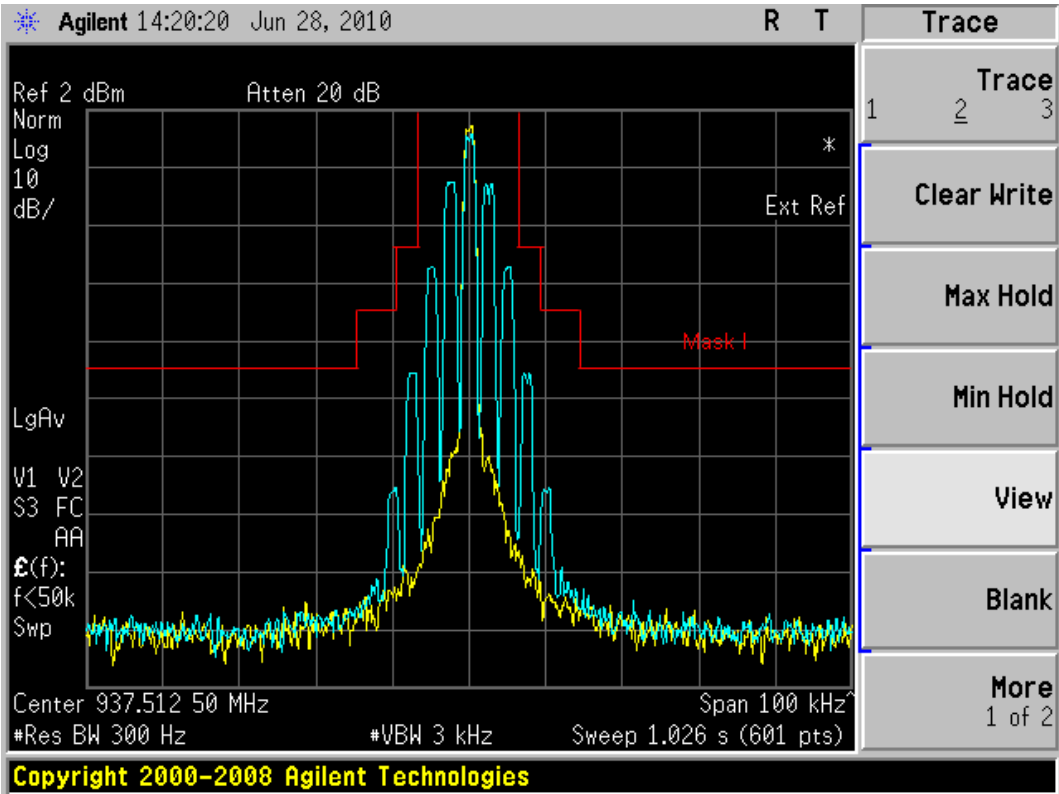


Figure 6E-6: 12.5 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask I

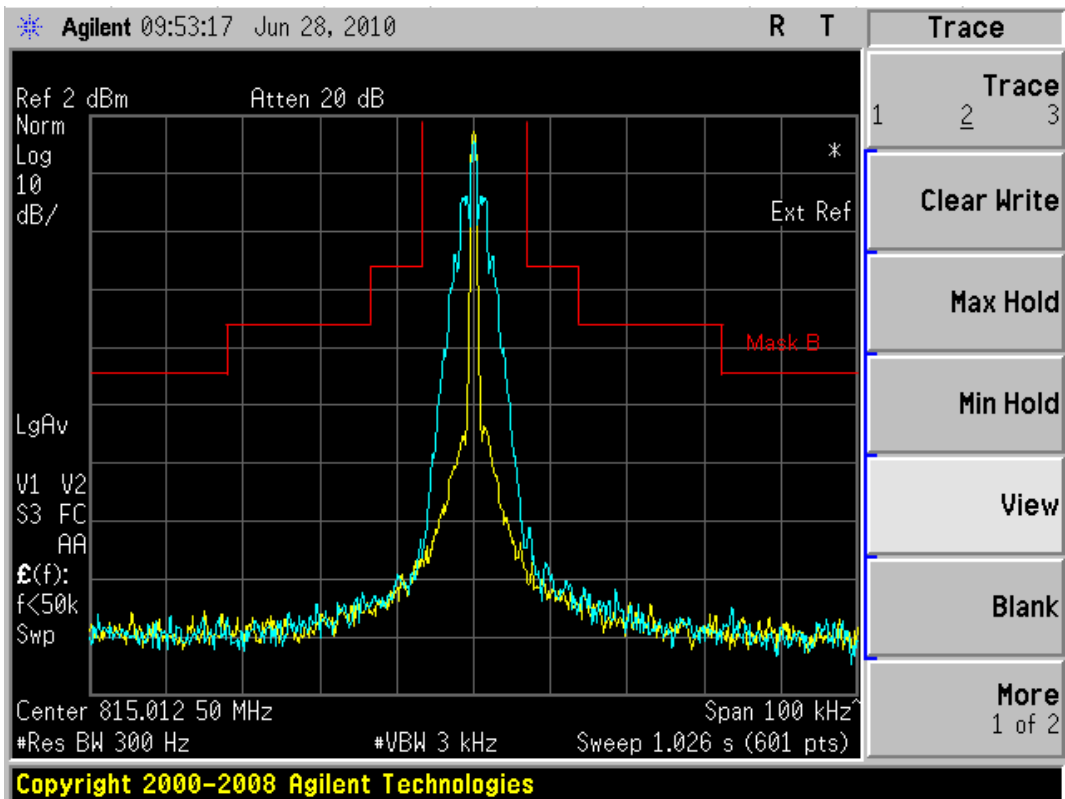


Figure 6E-7: 12.5 kHz Channel Spacing, DTMF Modulation Only, 11K0F3E Mask B

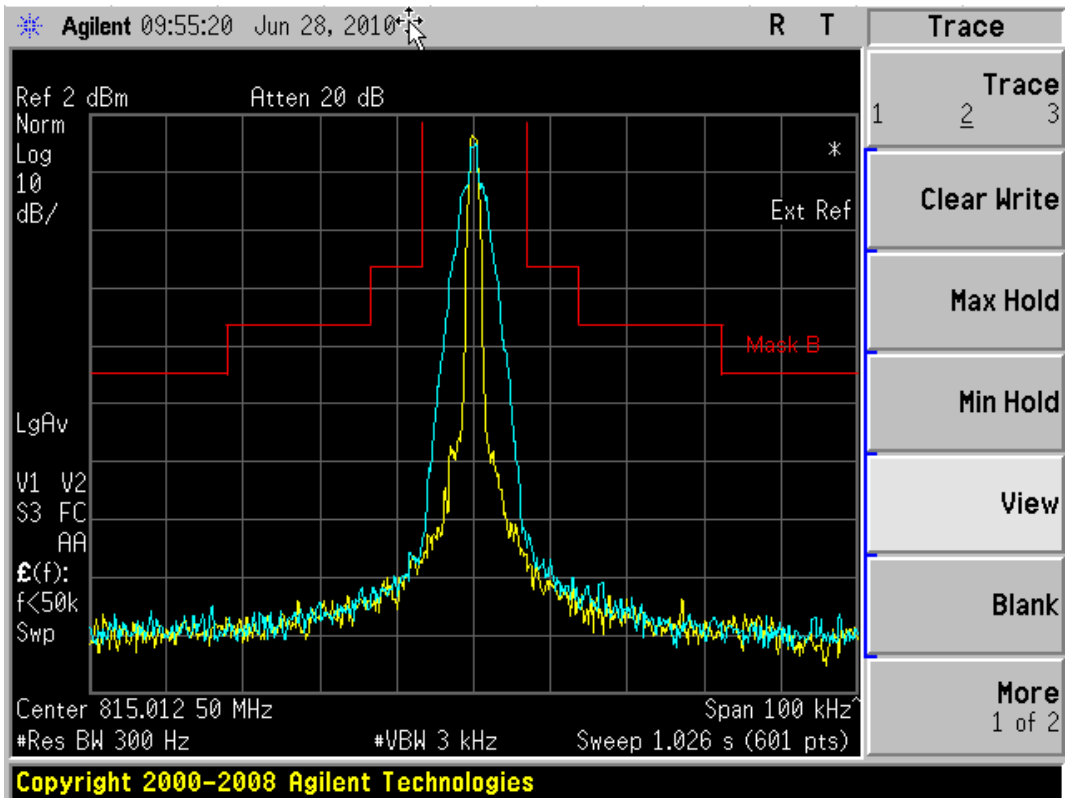


Figure 6E-8: 12.5 kHz Channel Spacing, DTMF and PL Tone Modulation, 11K0F3E Mask B

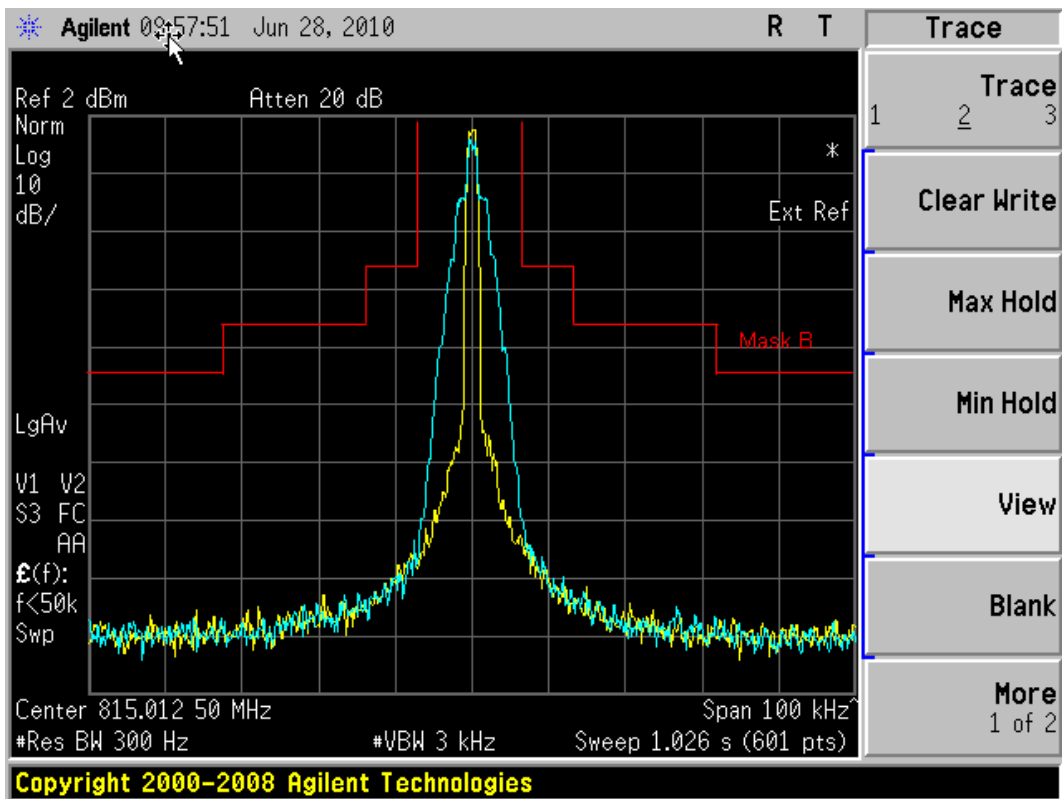


Figure 6E-9: 12.5 kHz Channel Spacing, DTMF and DPL Tone Modulation, 11K0F3E Mask B

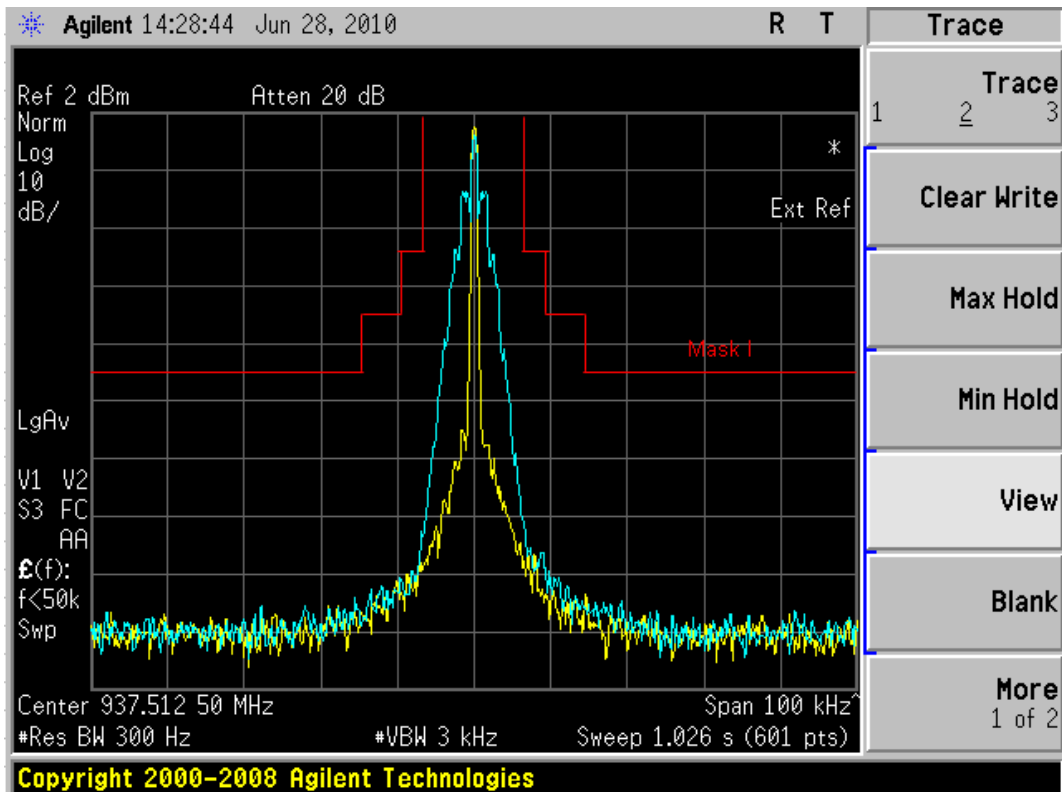


Figure 6E-10: 12.5 kHz Channel Spacing, DTMF Modulation Only, 11K0F3E Mask I

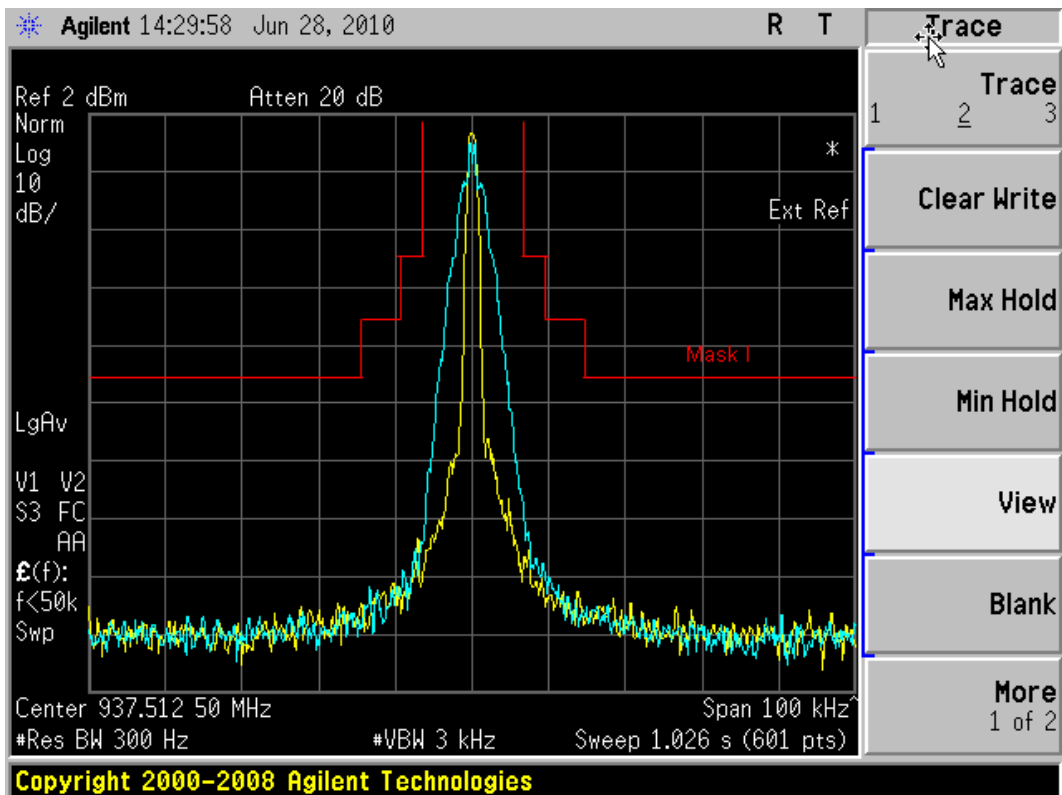


Figure 6E-11: 12.5 kHz Channel Spacing, DTMF and PL Tone Modulation, 11K0F3E Mask I

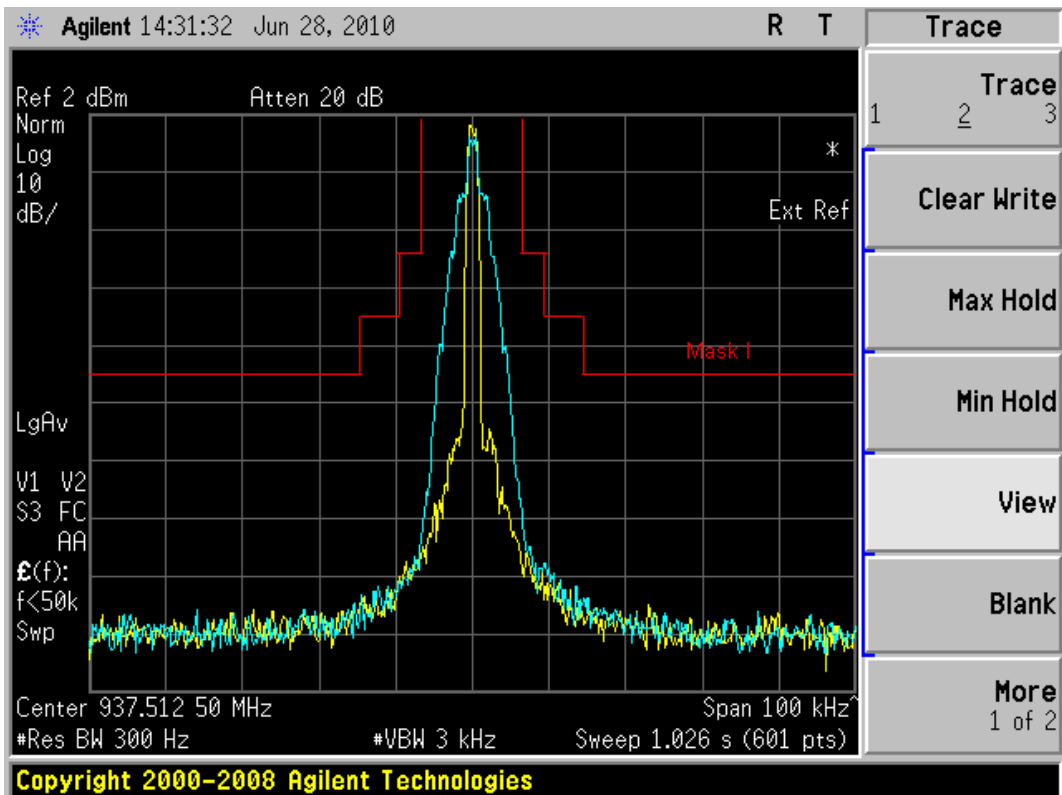


Figure 6E-12: 12.5 kHz Channel Spacing, DTMF and DPL Tone Modulation, 11K0F3E Mask I

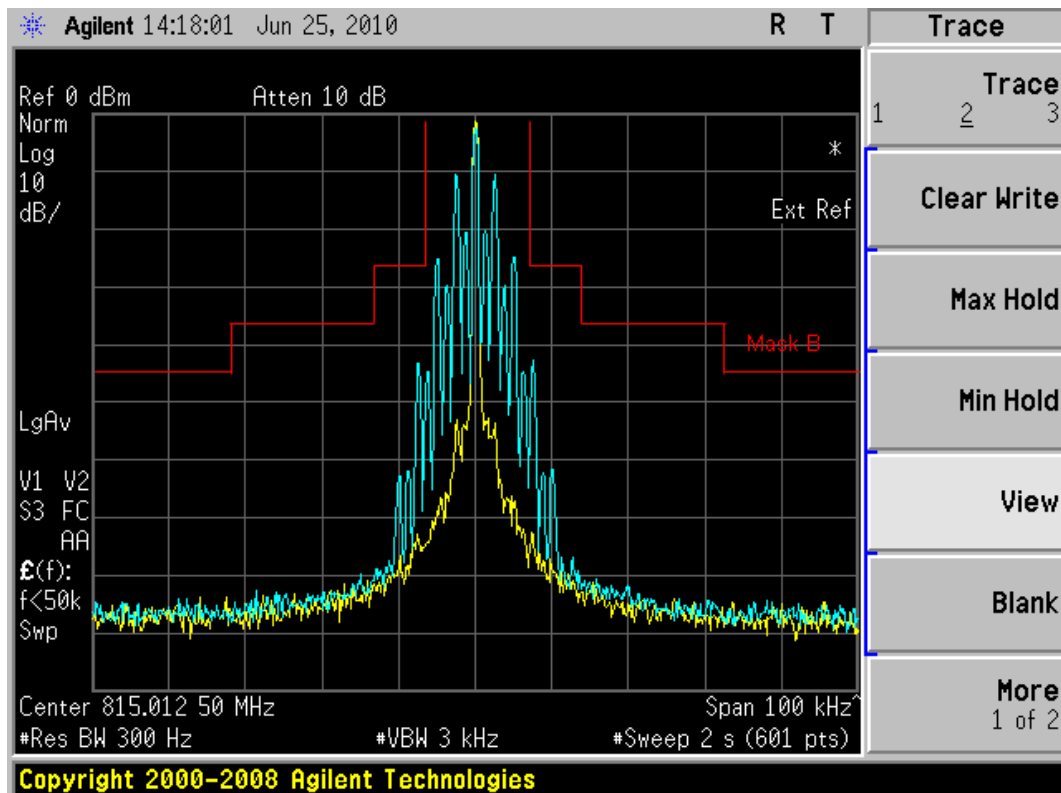


Figure 6E-13: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask B

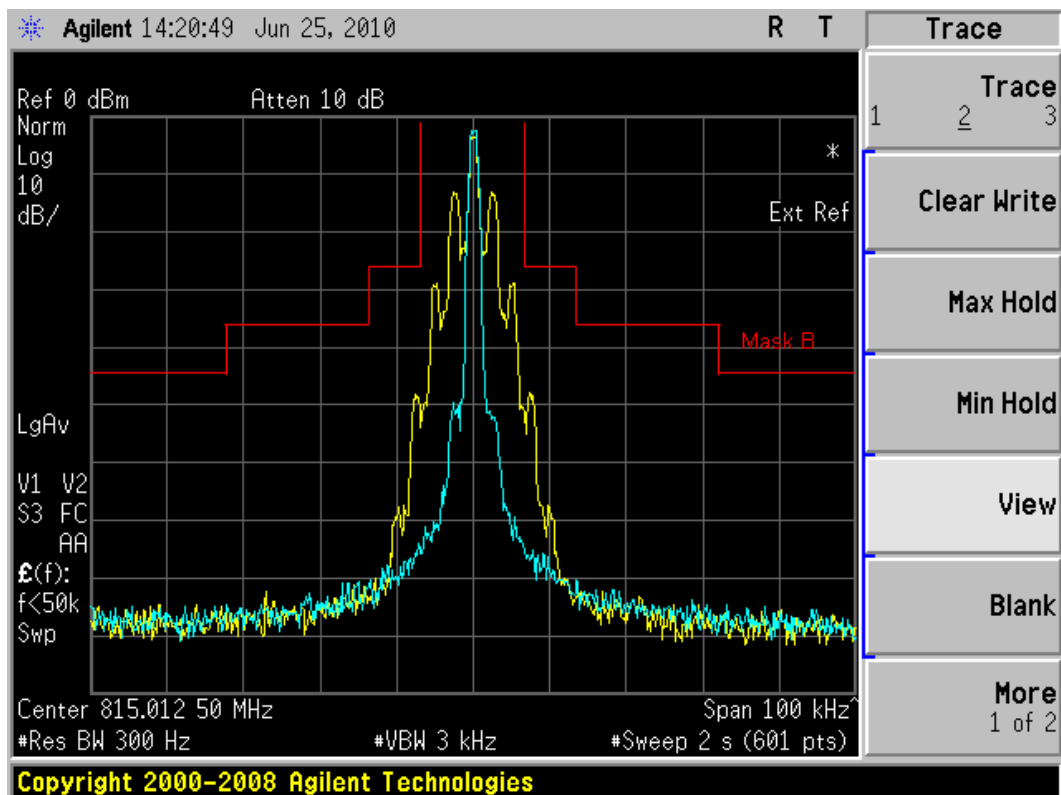


Figure 6E-14: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 11K0F3E Mask B

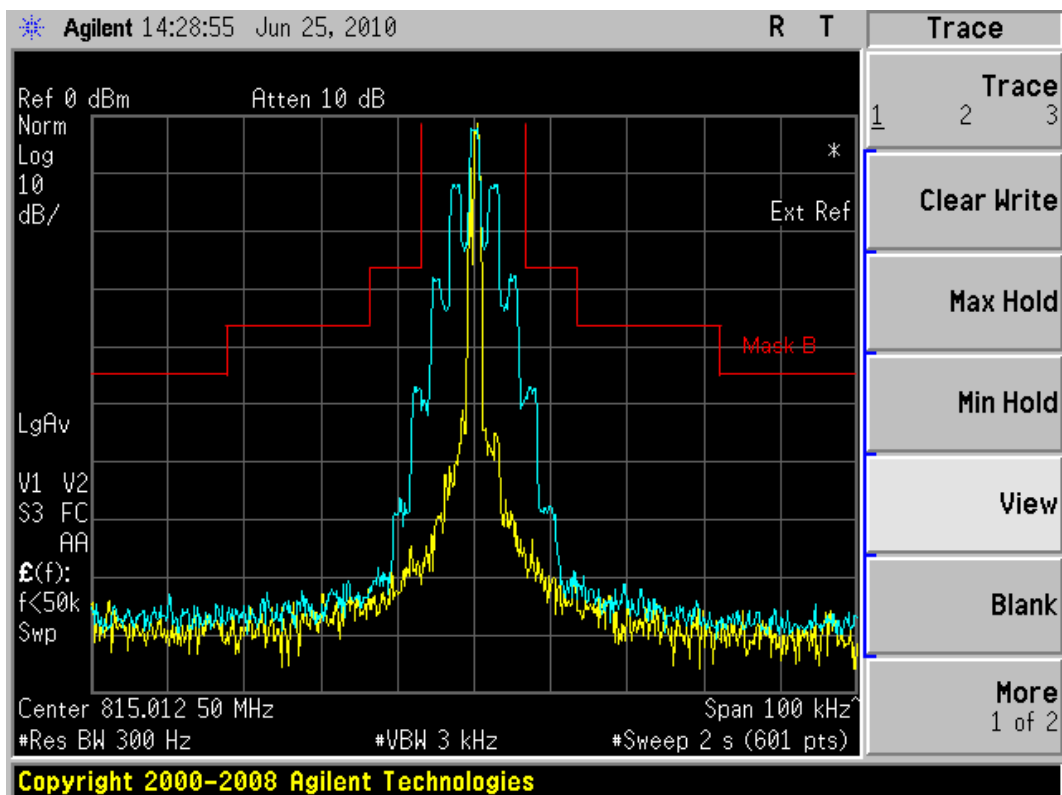


Figure 6E-15: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 11K0F3E Mask B

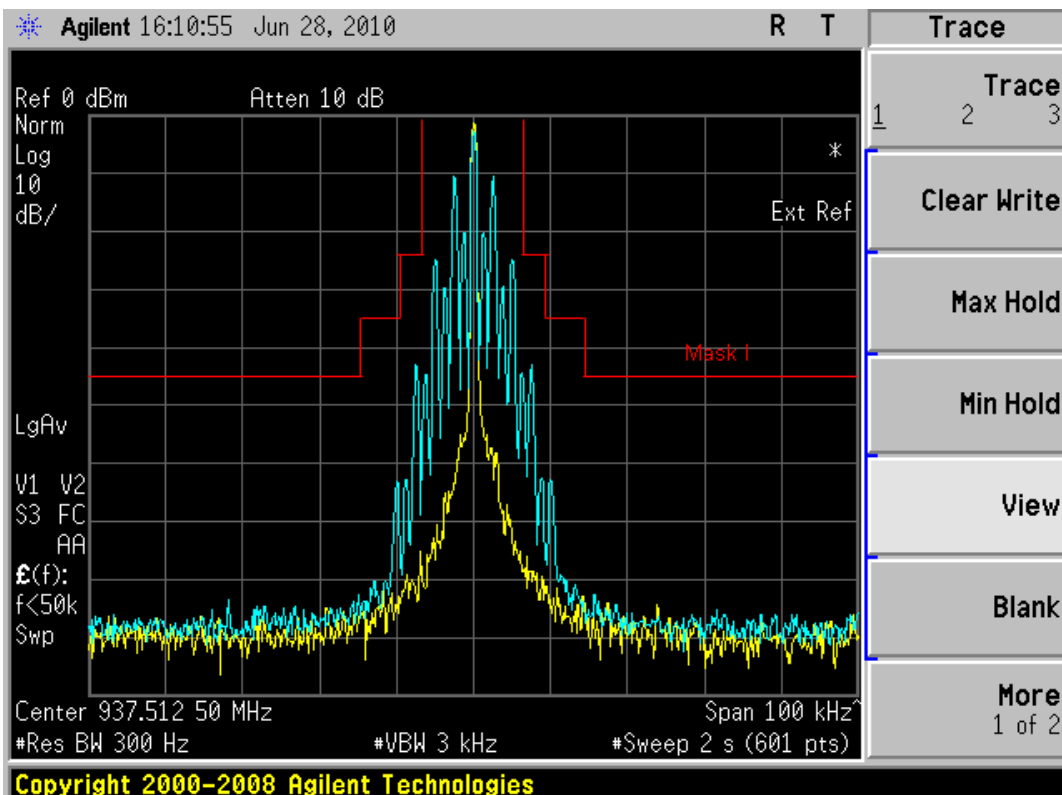


Figure 6E-16: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask I

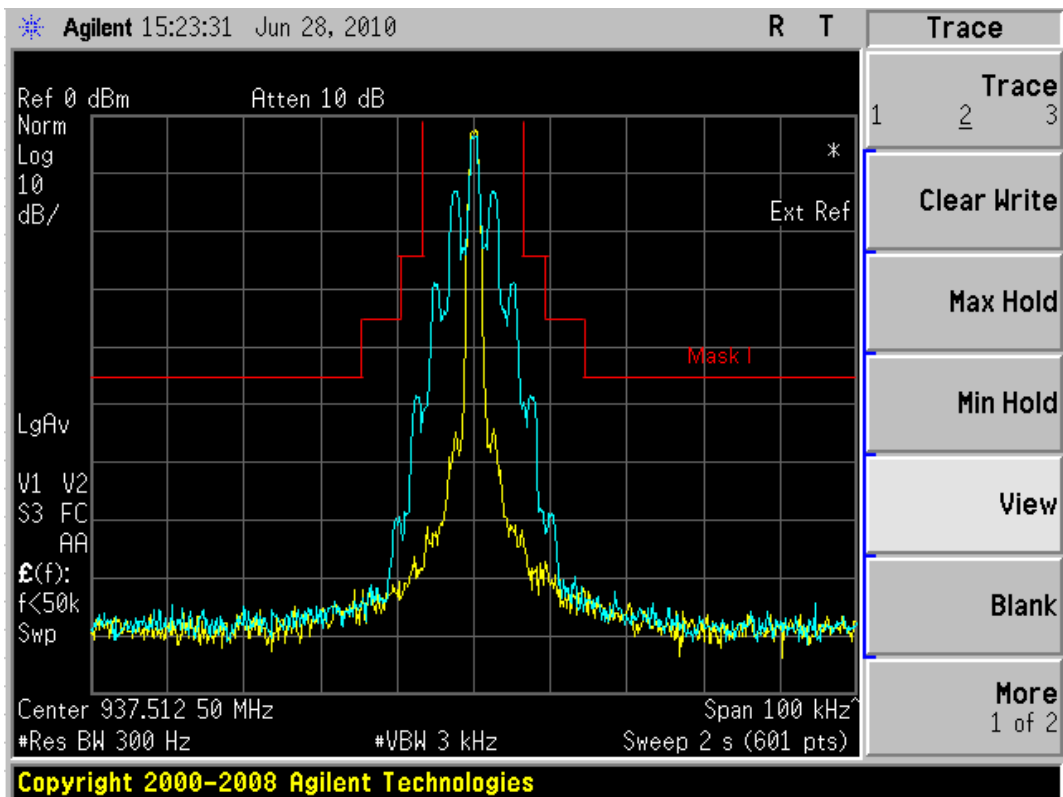


Figure 6E-17: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 11K0F3E Mask I

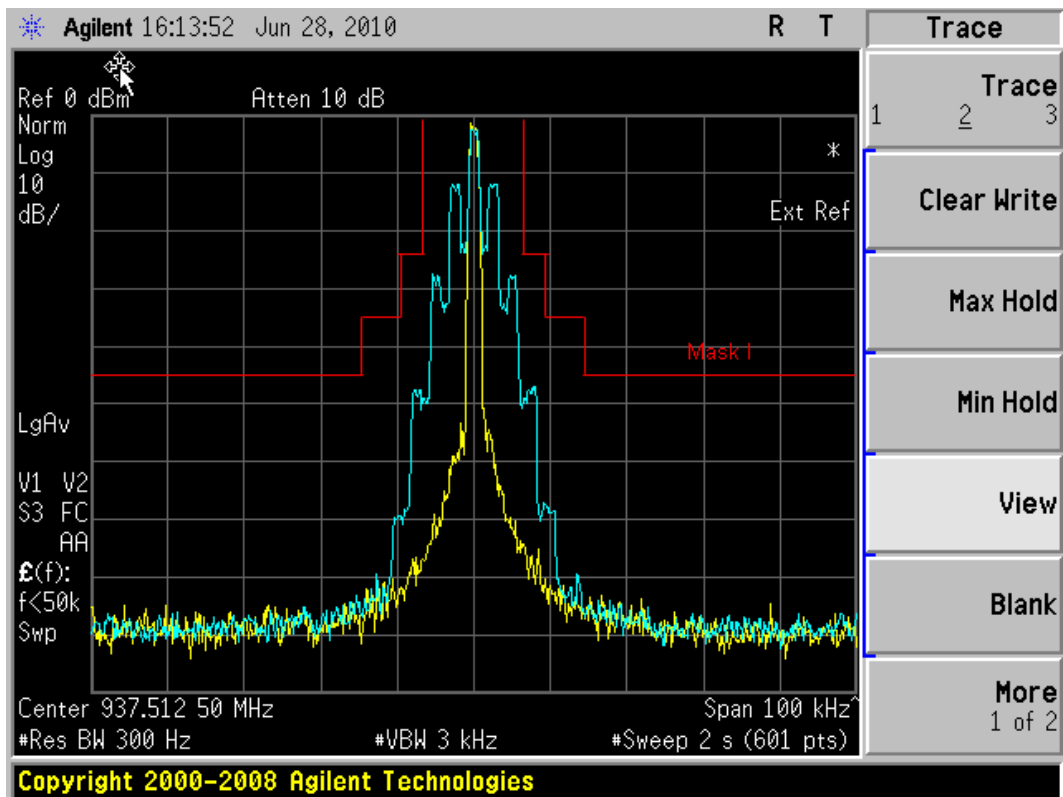


Figure 6E-18: 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 11K0F3E Mask I

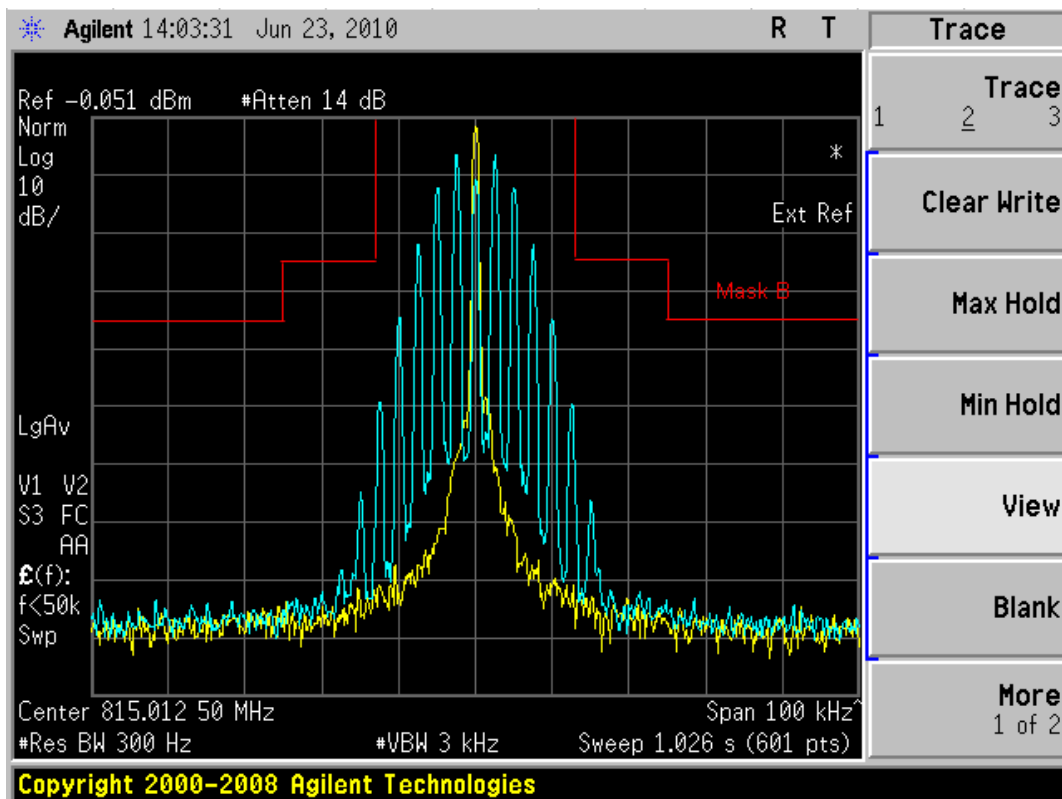


Figure 6E-19: 25 kHz Channel Spacing, 2500 Hz Audio Modulation Only, 16K0F3E Mask B

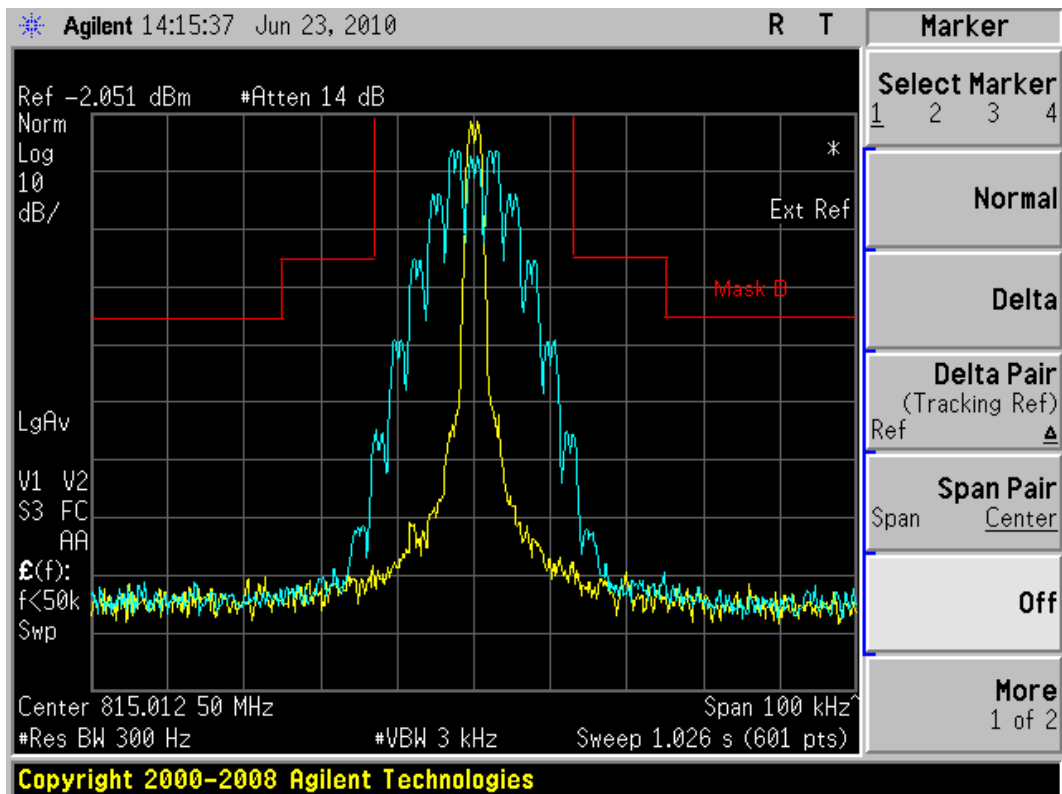


Figure 6E-20: 25 kHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, 16K0F3E Mask B

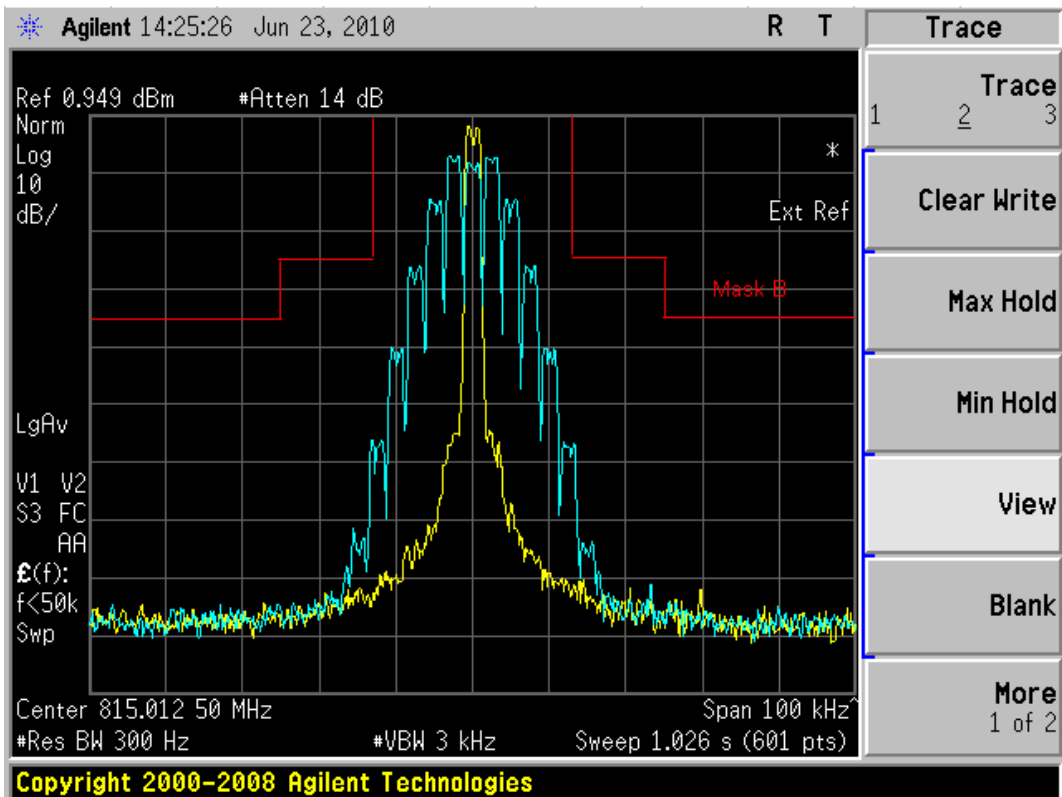


Figure 6E-21: 25 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, 16K0F3E Mask B

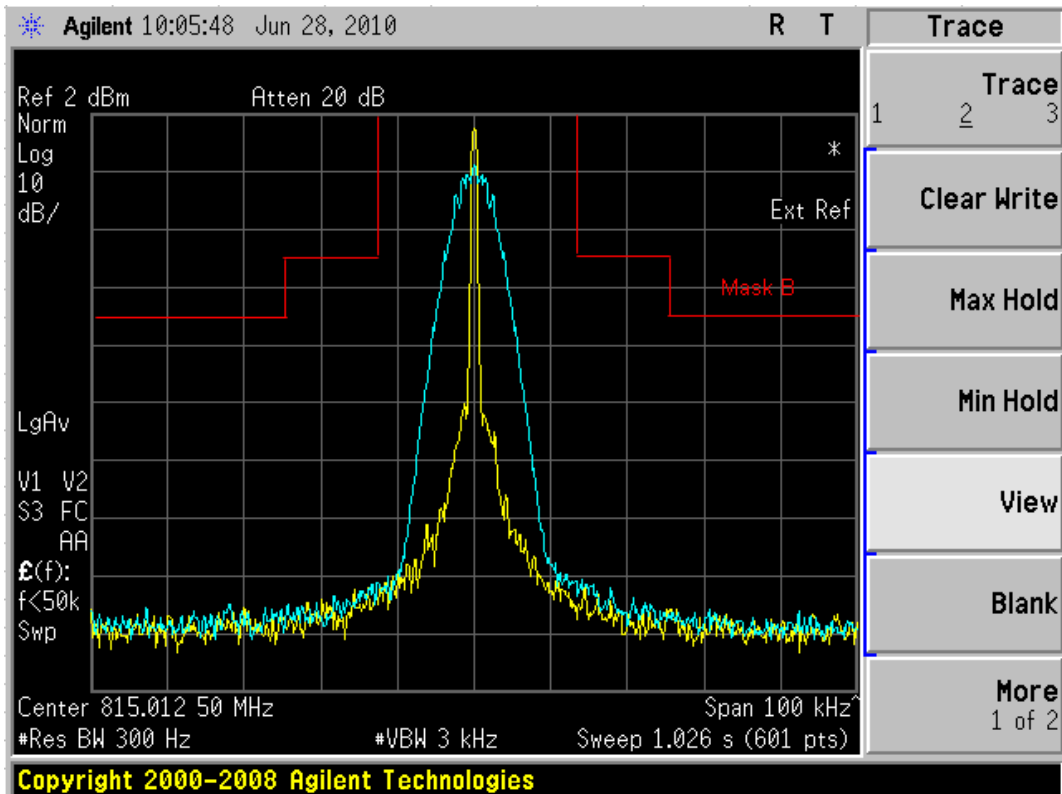


Figure 6E-22: 25 kHz Channel Spacing, DTMF Modulation Only, 16K0F3E Mask B

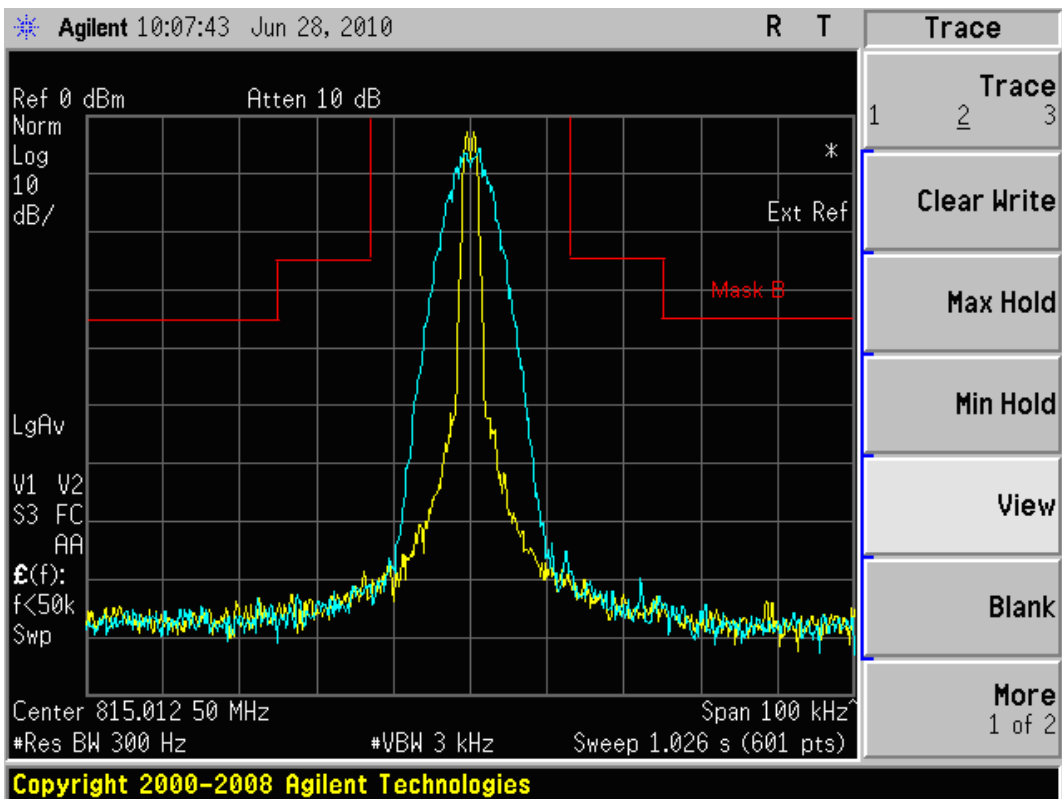


Figure 6E-23: 25 kHz Channel Spacing, DTMF and PL Tone Modulation, 16K0F3E Mask B

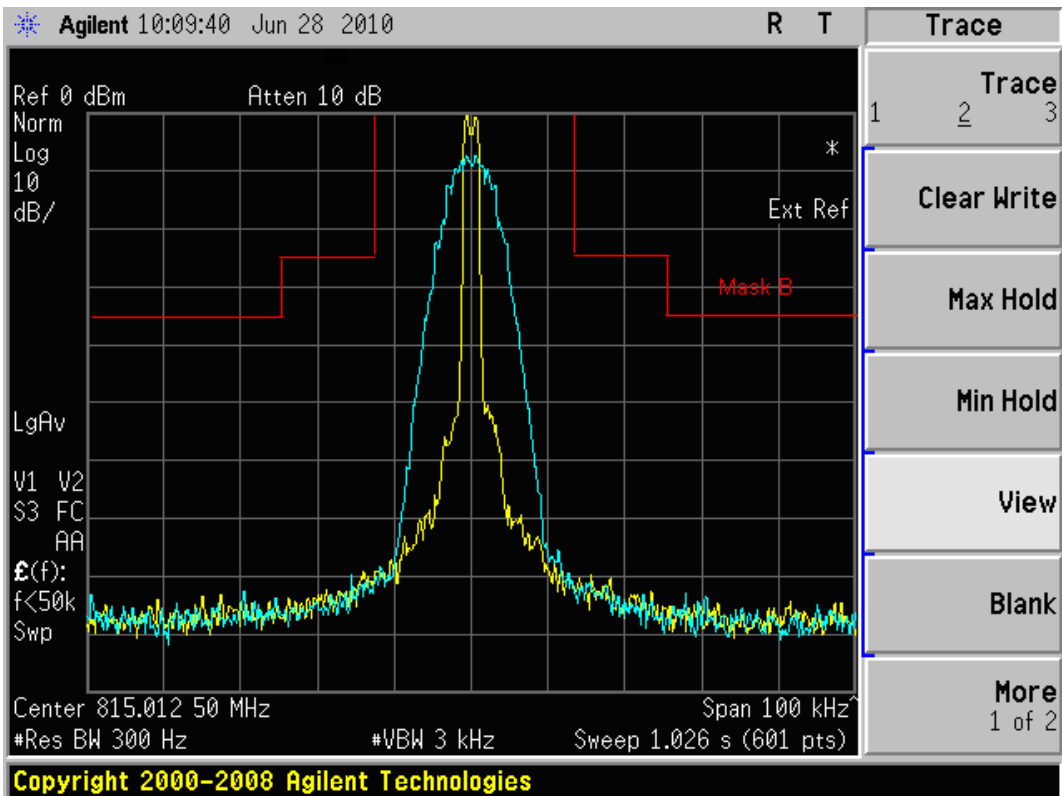


Figure 6E-24: 25 kHz Channel Spacing, DTMF and DPL Tone Modulation, 16K0F3E Mask B

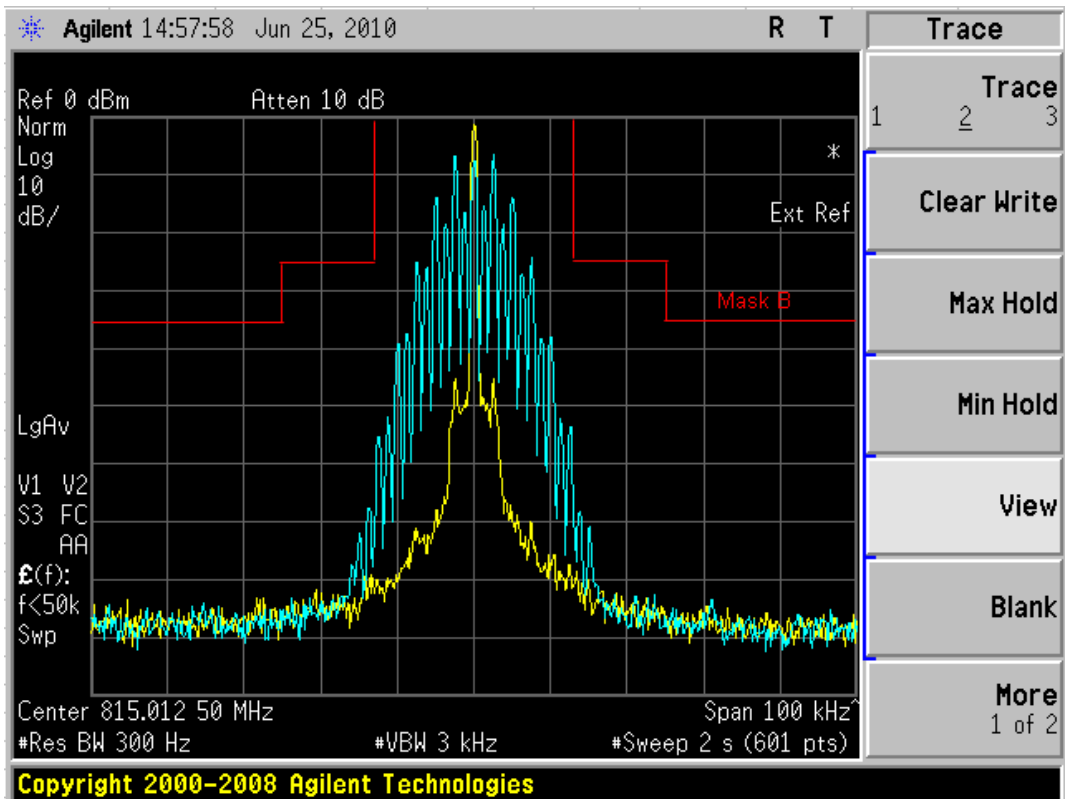


Figure 6E-25: 25 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 16K0F3E Mask B

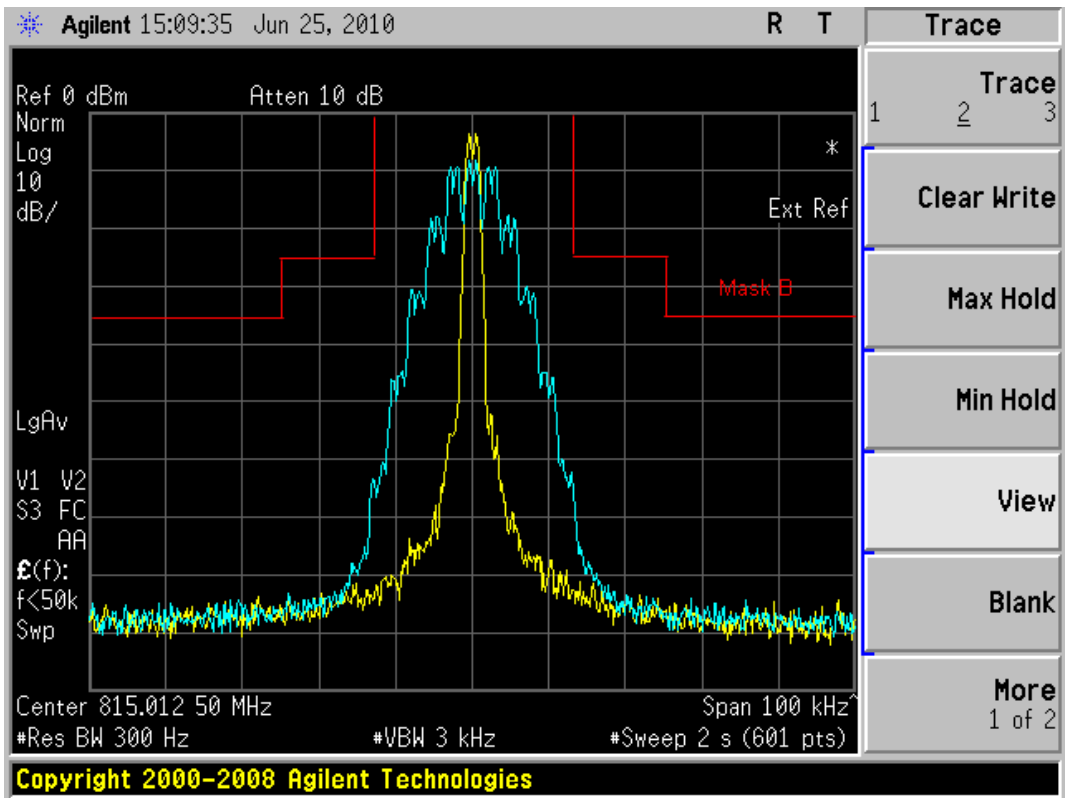


Figure 6E-26: 25 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 16K0F3E Mask B

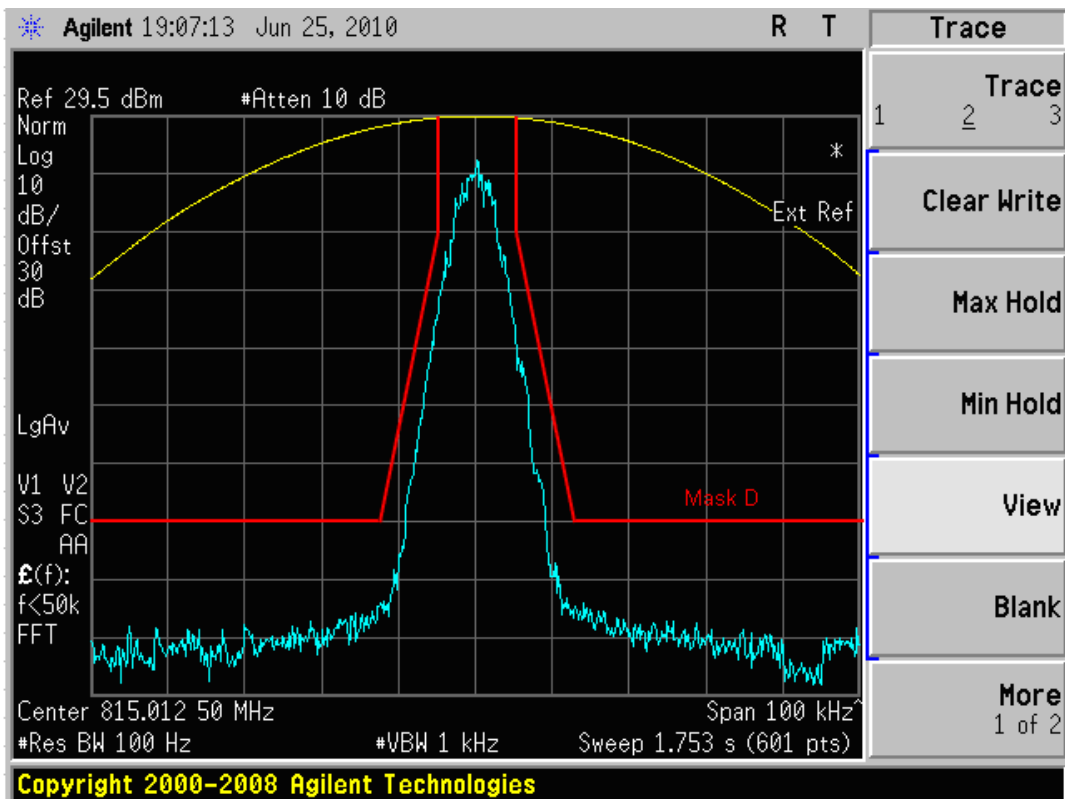


Figure 6E-27: 25 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 16K0F3E Mask B

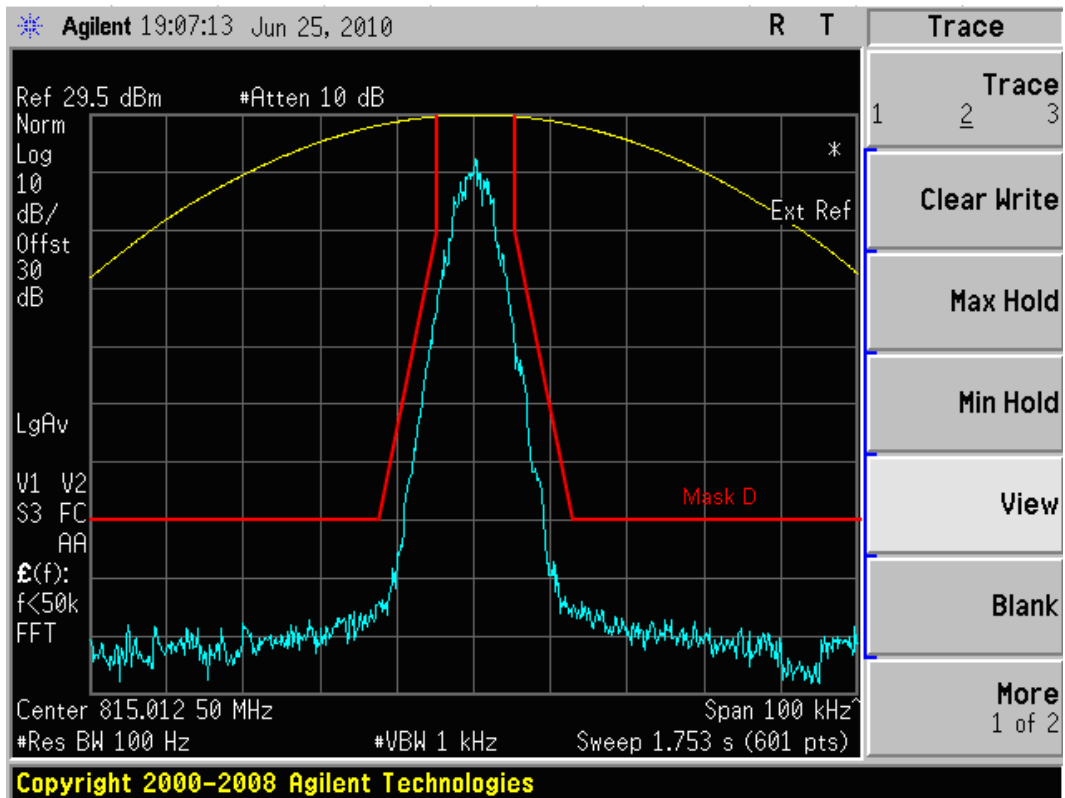


Figure 6E-28: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask D

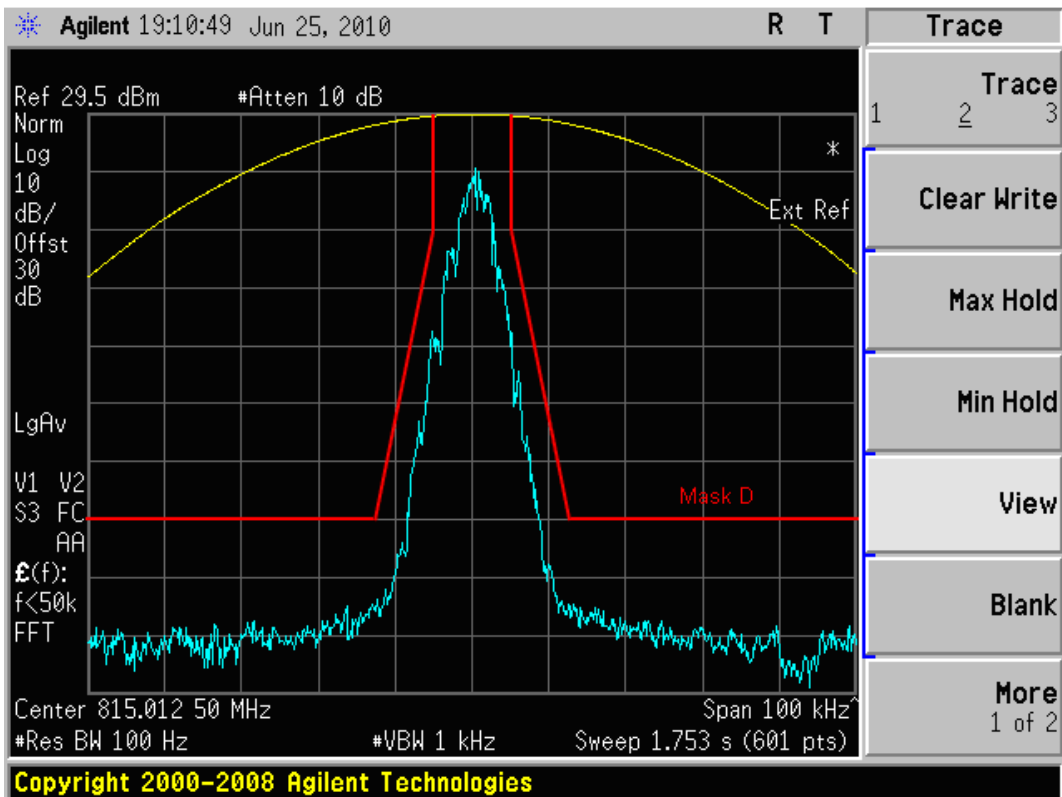


Figure 6E-29: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask D

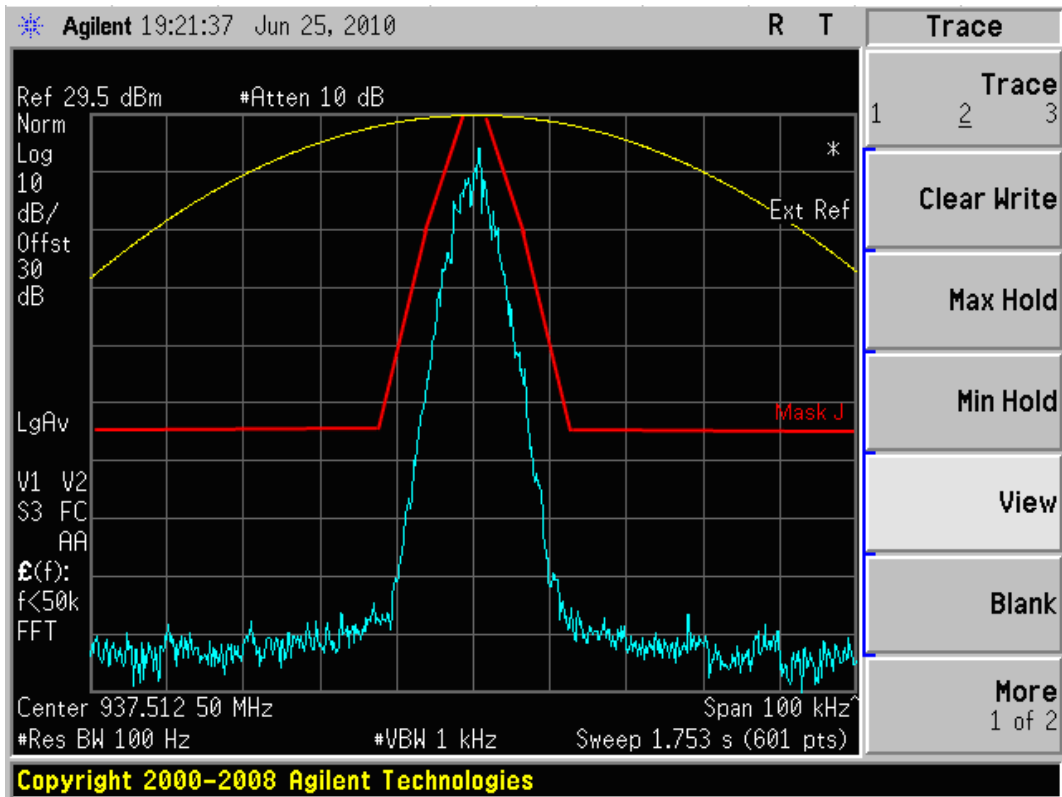


Figure 6E-30: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask J

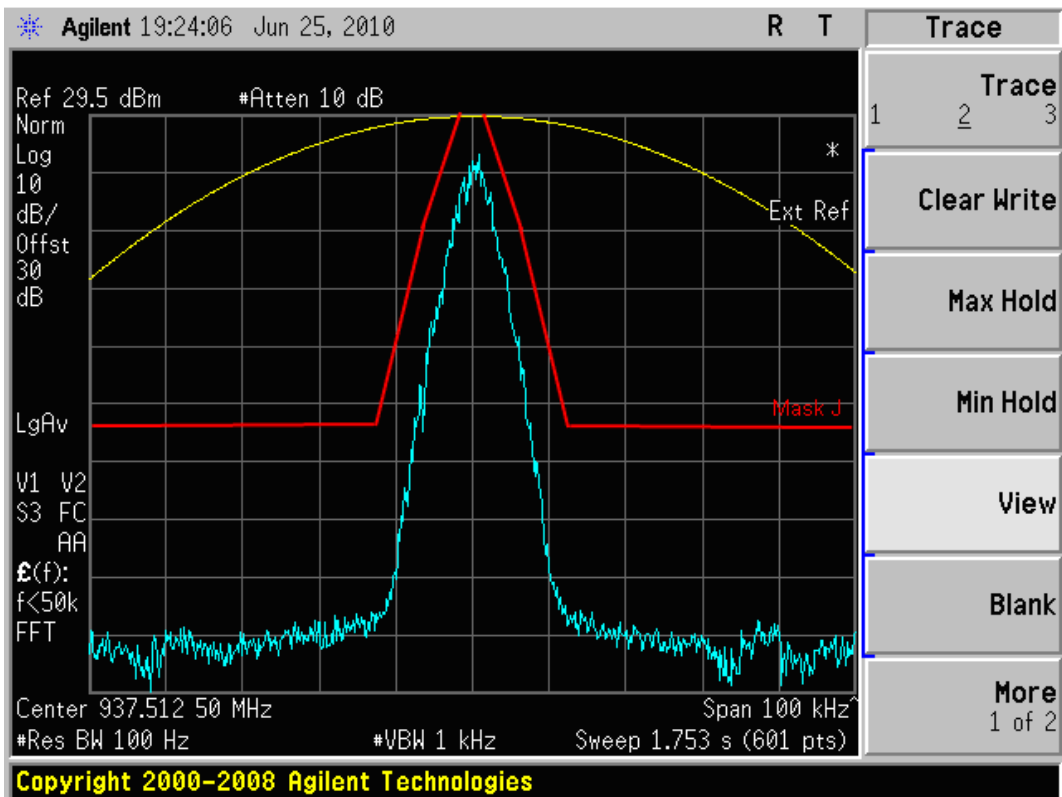


Figure 6E-31: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask J

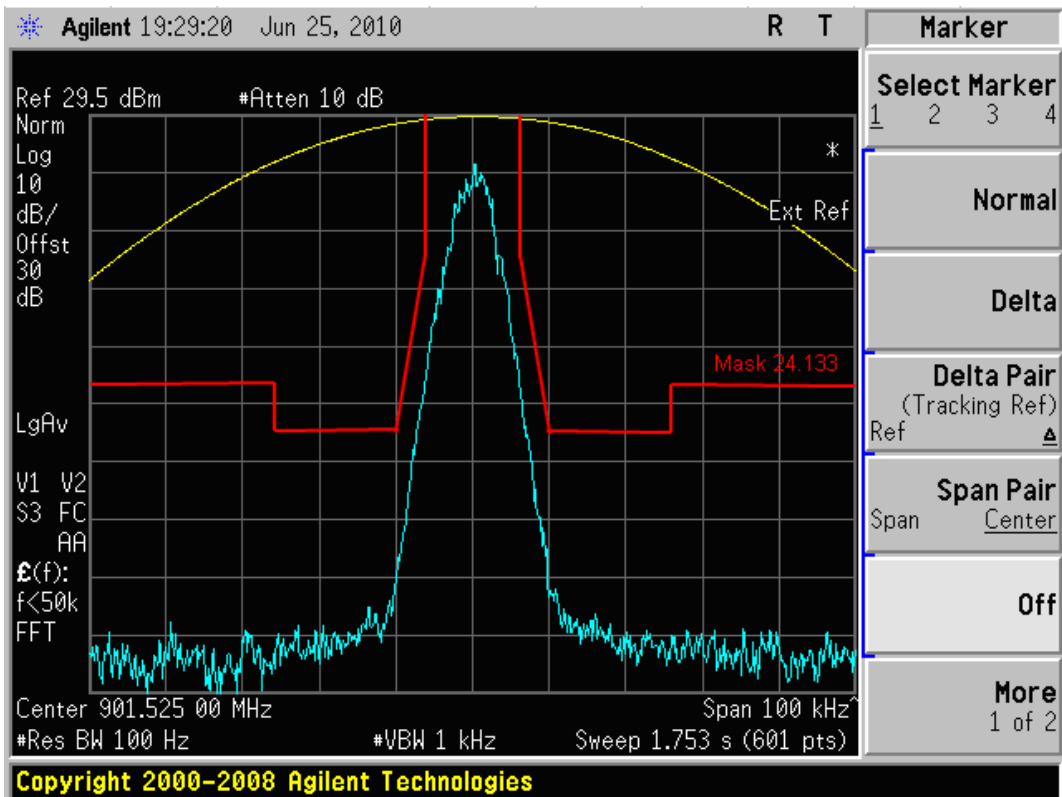


Figure 6E-32: O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60FXE Mask 24.133

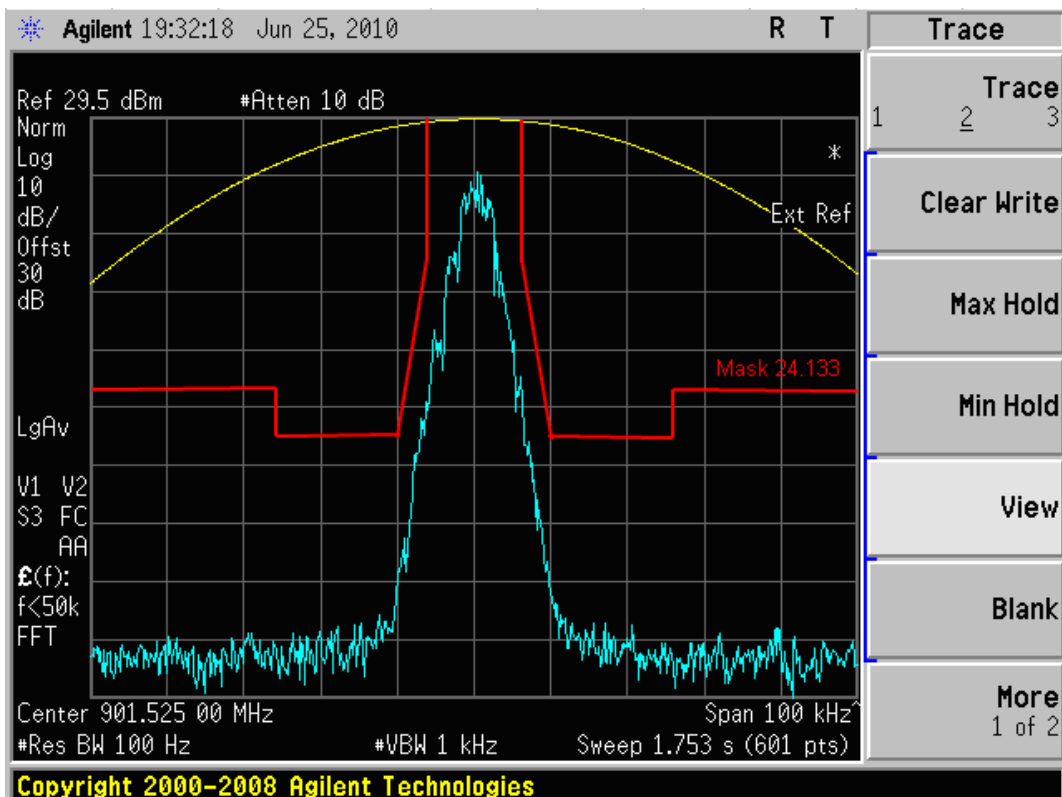


Figure 6E-33: O.153 Test Pattern 4FSK Data Modulation Only, 7K60FXD Mask 24.133

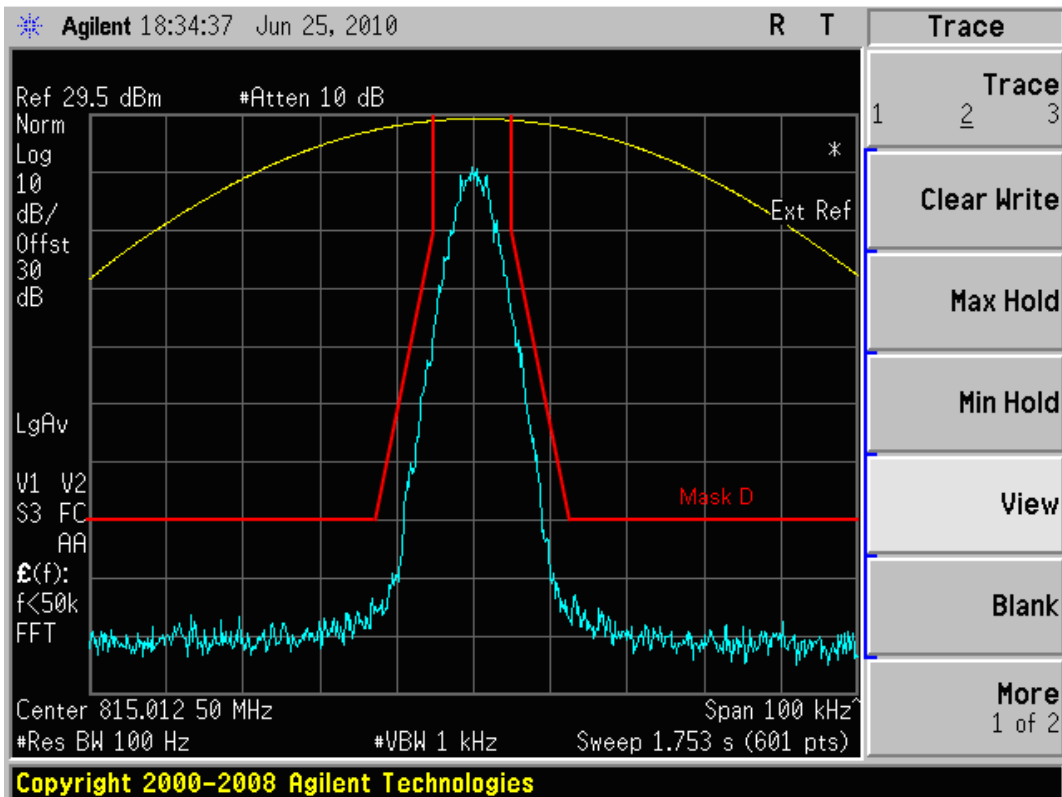


Figure 6E-34: APCO25 Digital Data, 8K10F1D Mask D

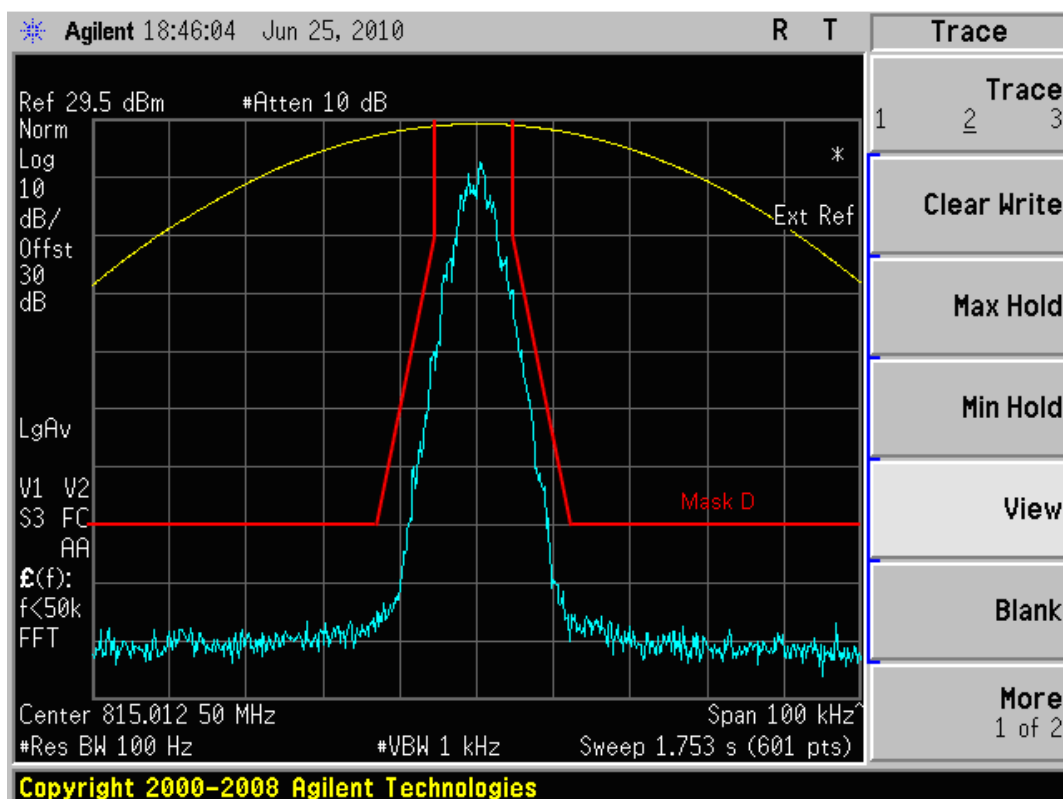


Figure 6E-35: APCO25 Digital Voice, 8K10F1E Mask D

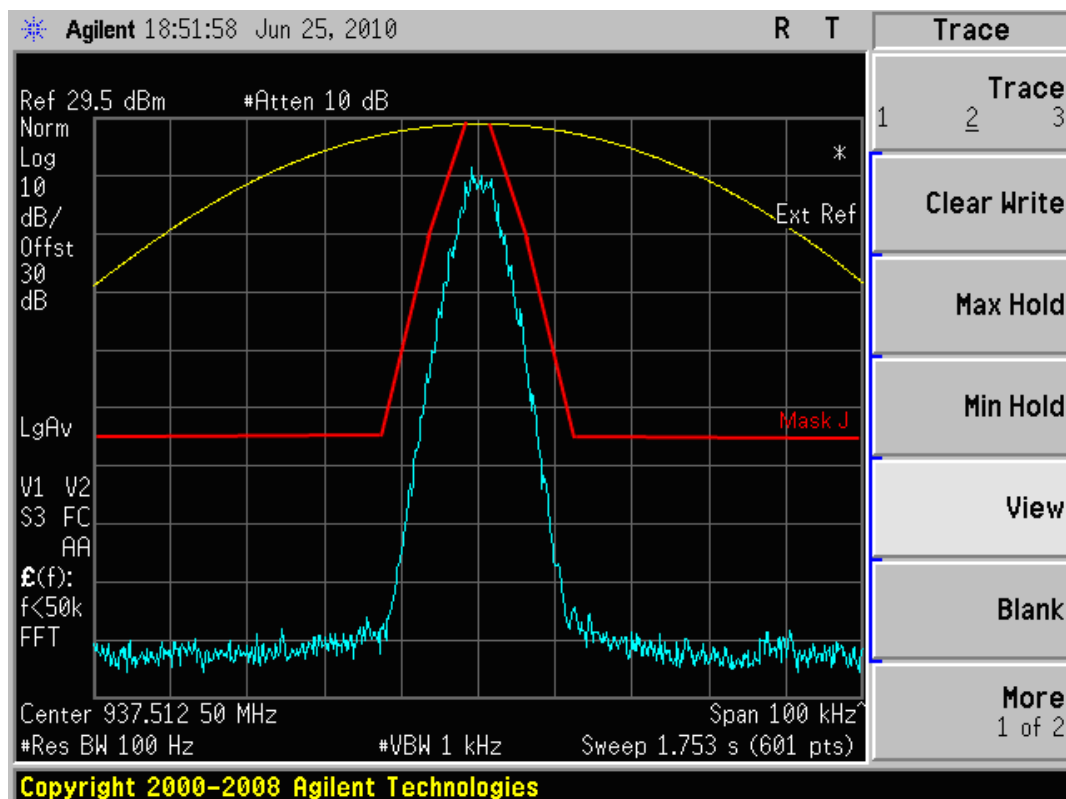


Figure 6E-36: APCO25 Digital Data, 8K10F1D Mask J

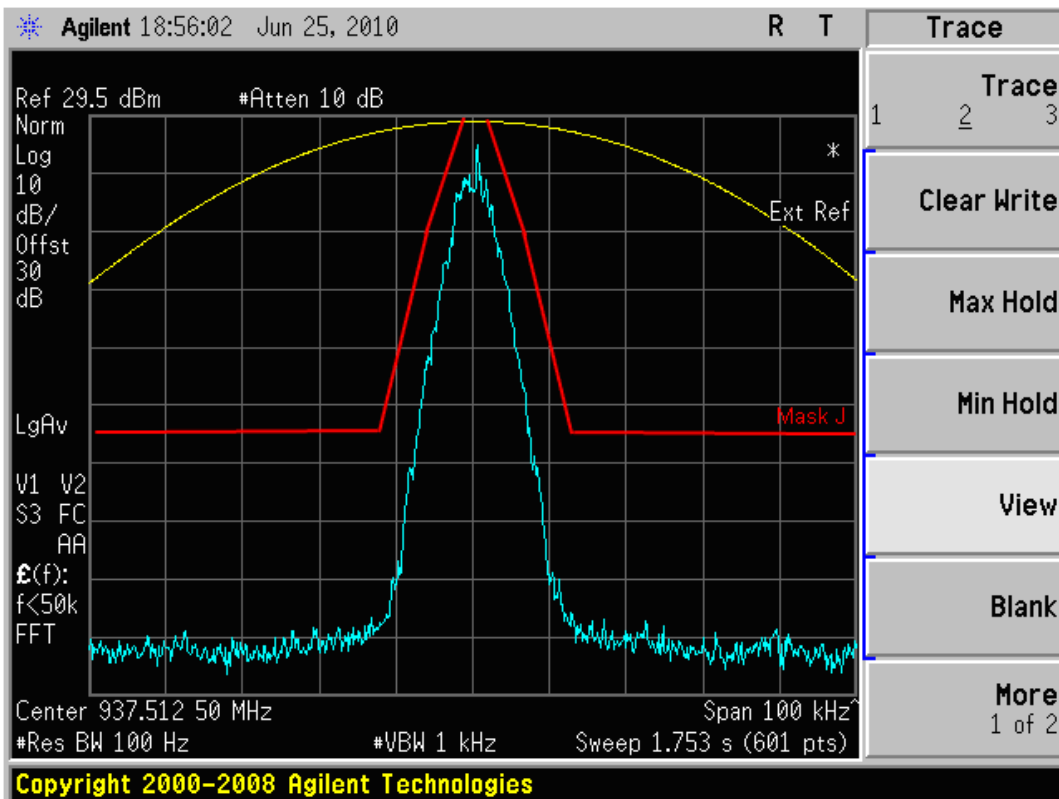


Figure 6E-37: APCO25 Digital Voice, 8K10F1E Mask J

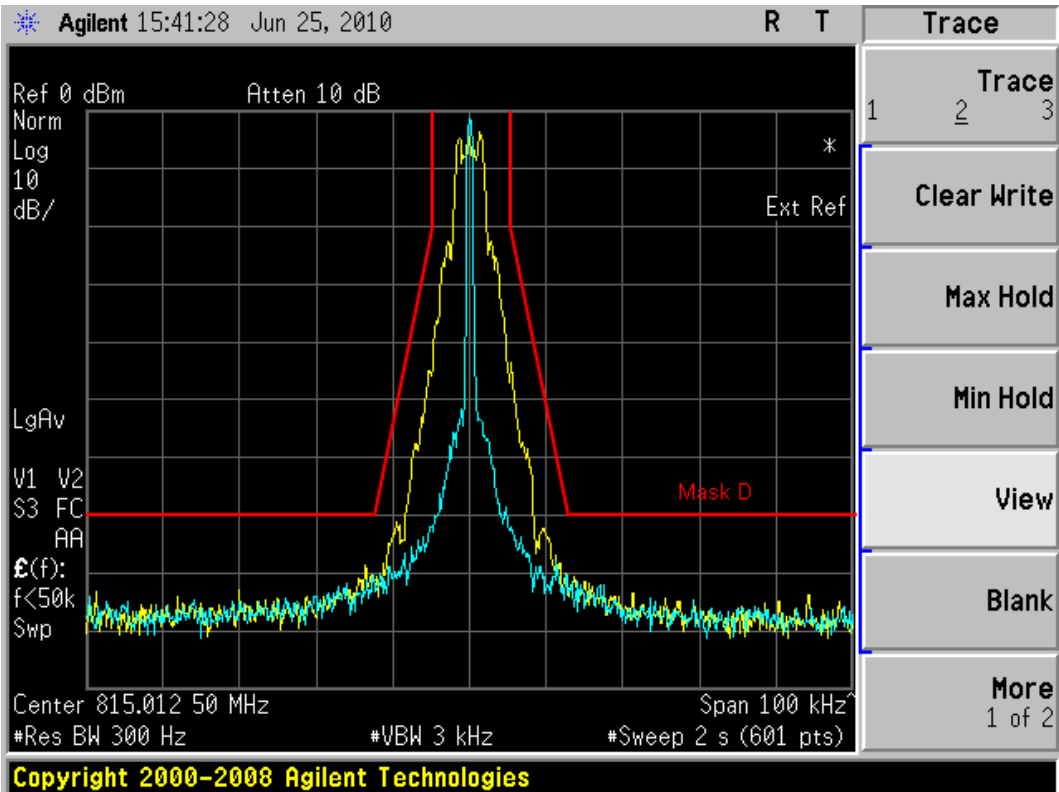


Figure 6E-38: 12.5 kHz Channel Spacing 3600baud Trunking, 11K0F1D Mask D

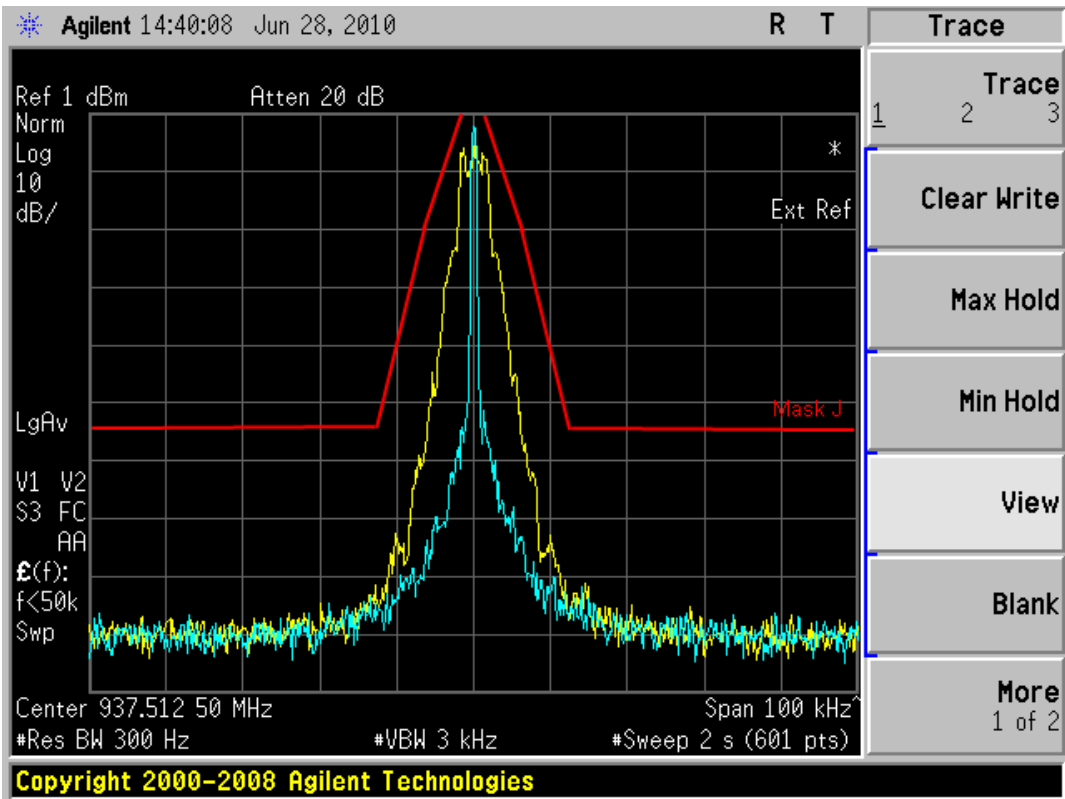


Figure 6E-39: 12.5 kHz Channel Spacing 3600baud Trunking, 11K0F1D Mask J

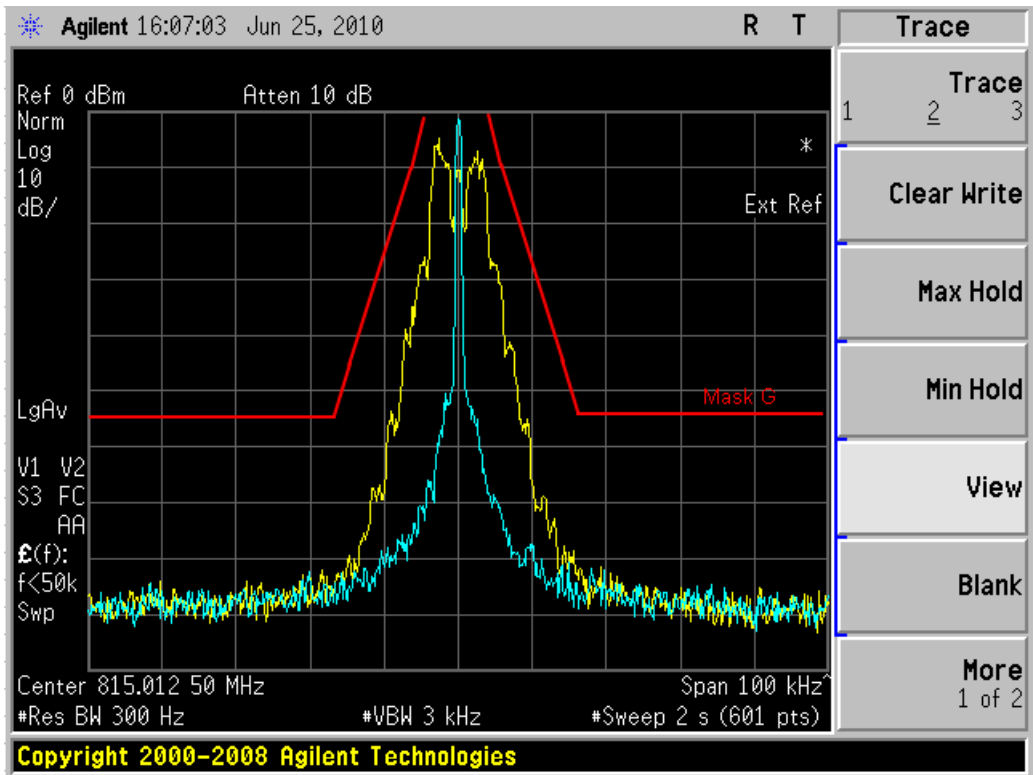


Figure 6E-40: 25 kHz Channel Spacing 3600baud Trunking, 16K0F1D Mask G

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).

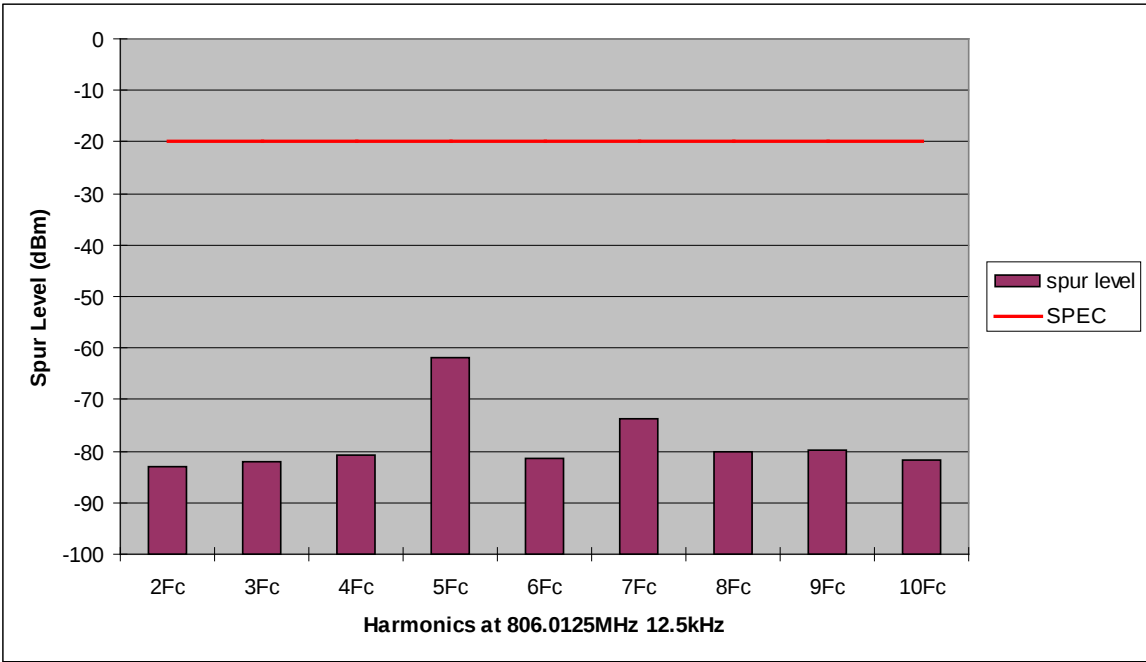


Table 6F-1: 1.2 Watt Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing

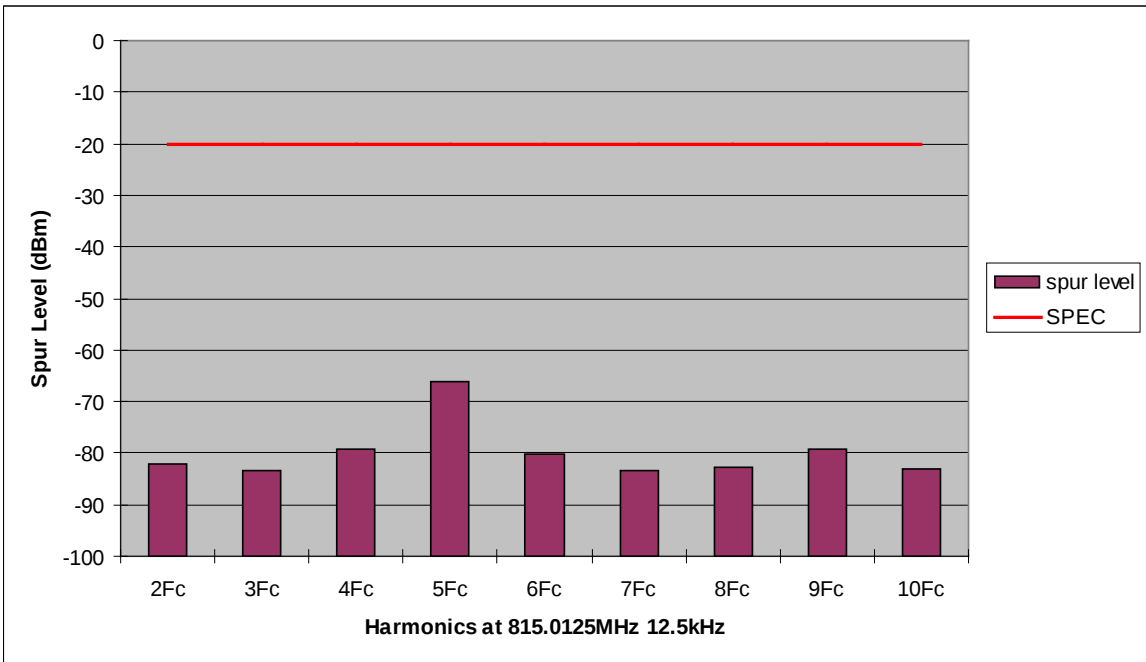


Table 6F-2: 1.2 Watt Harmonic of Carrier 815.0125 MHz, 12.5 kHz Channel Spacing

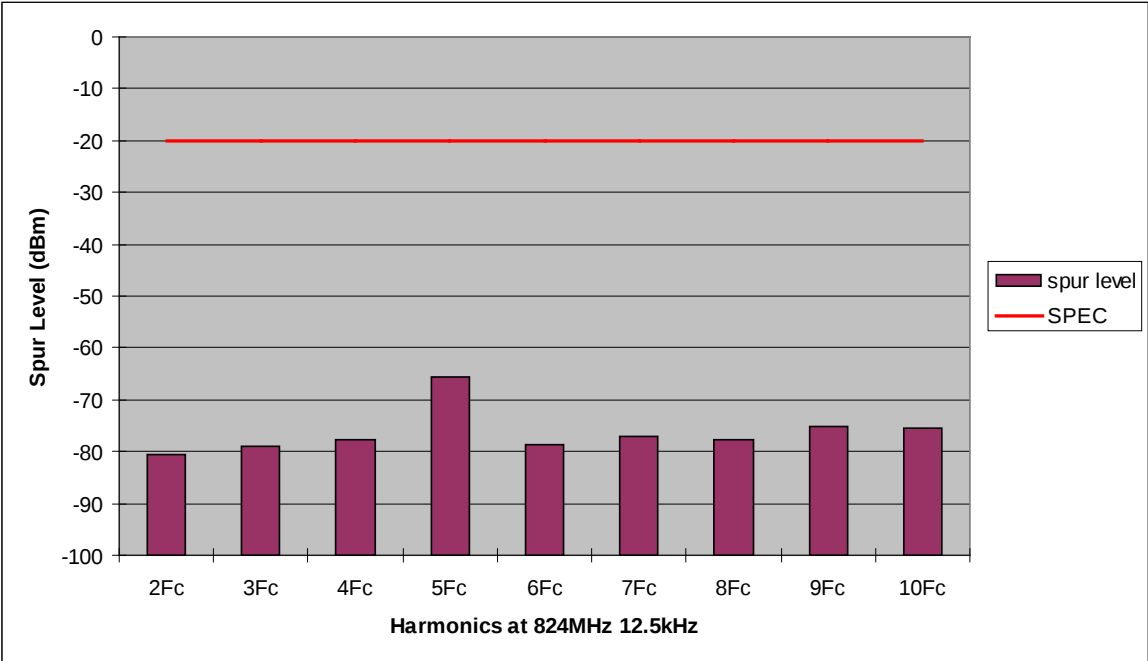


Table 6F-3: 1.2 Watt Harmonic of Carrier 824 MHz, 12.5 kHz Channel Spacing

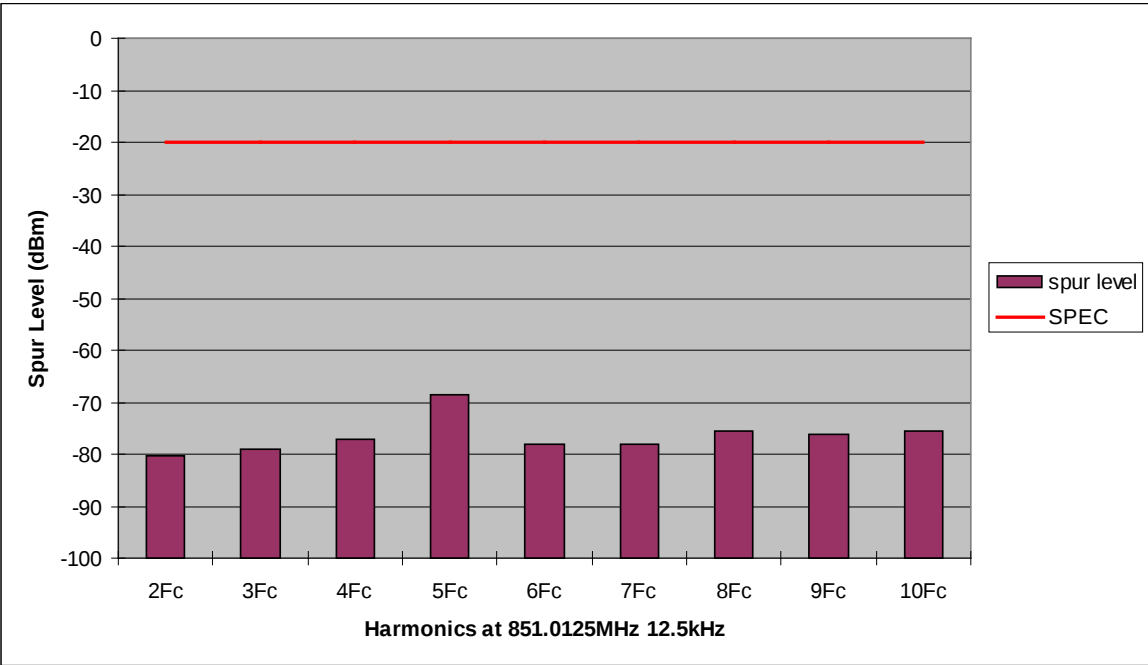


Table 6F-4: 1.2 Watt Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing

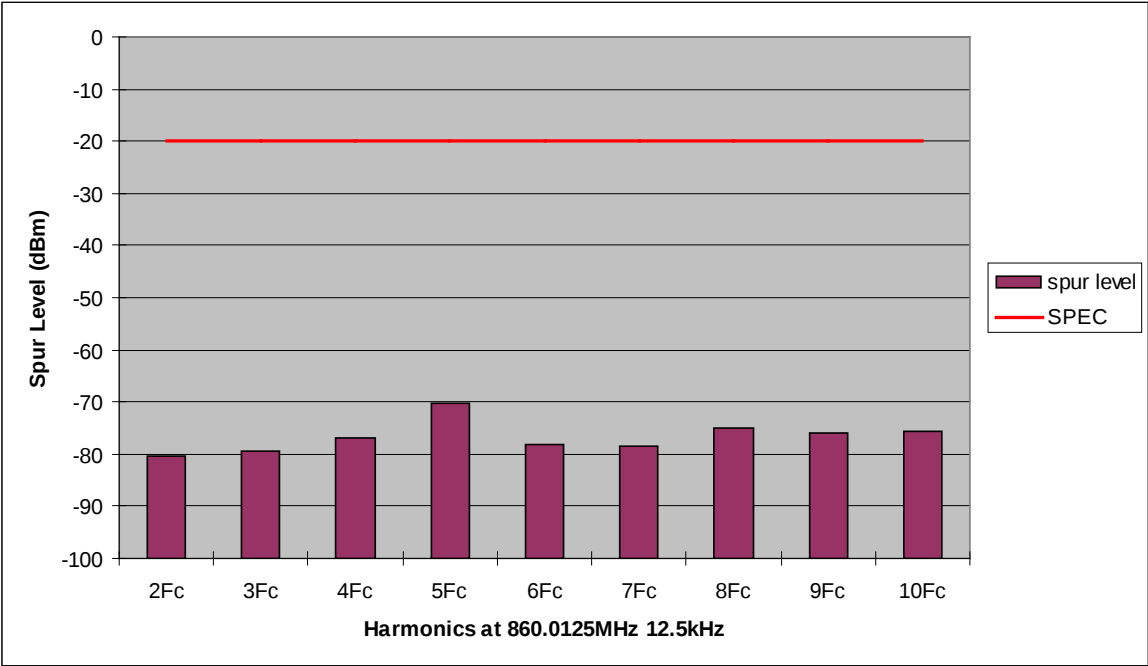


Table 6F-5: 1.2 Watt Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing

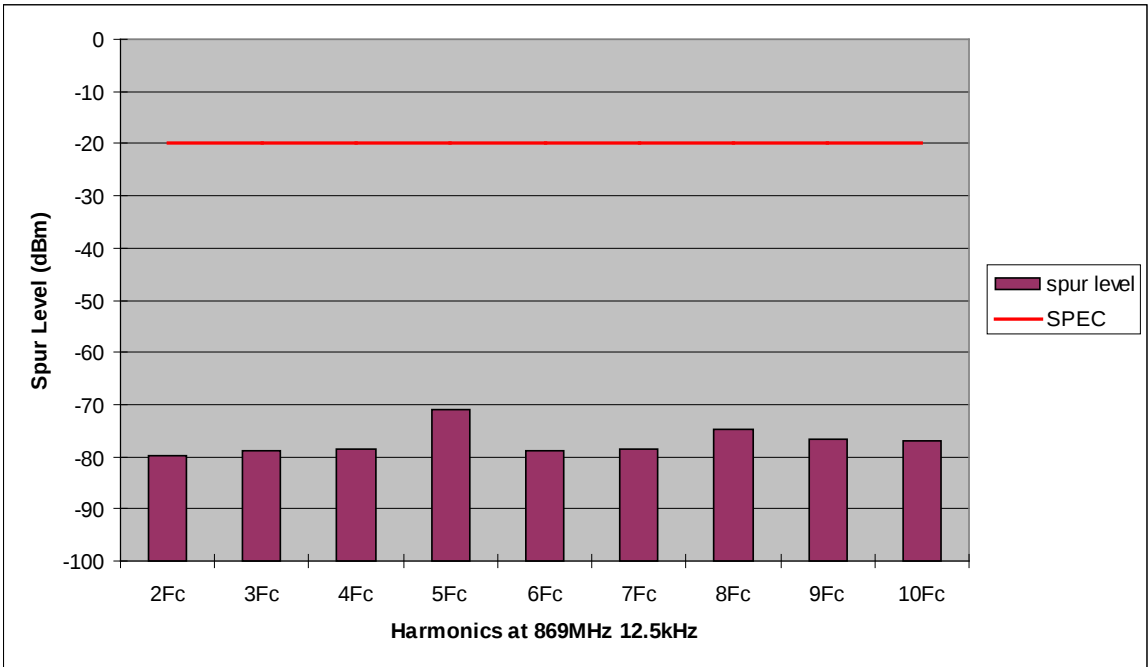


Table 6F-6: 1.2 Watt Harmonic of Carrier 869 MHz, 12.5 kHz Channel Spacing

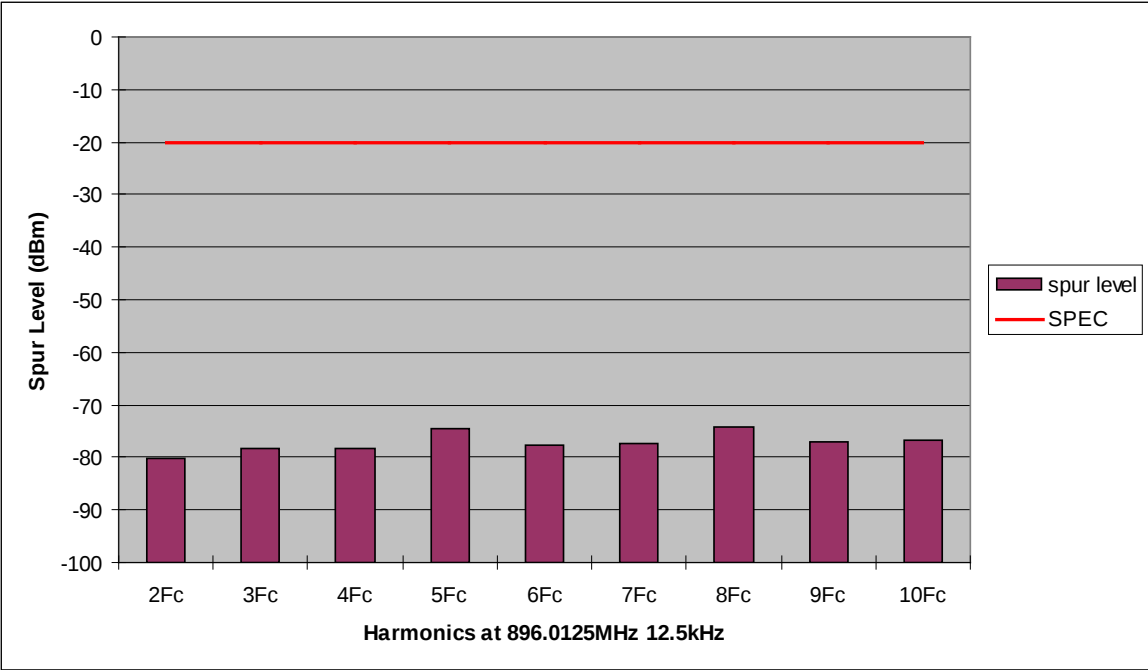


Table 6F-7: 1.2 Watt Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing

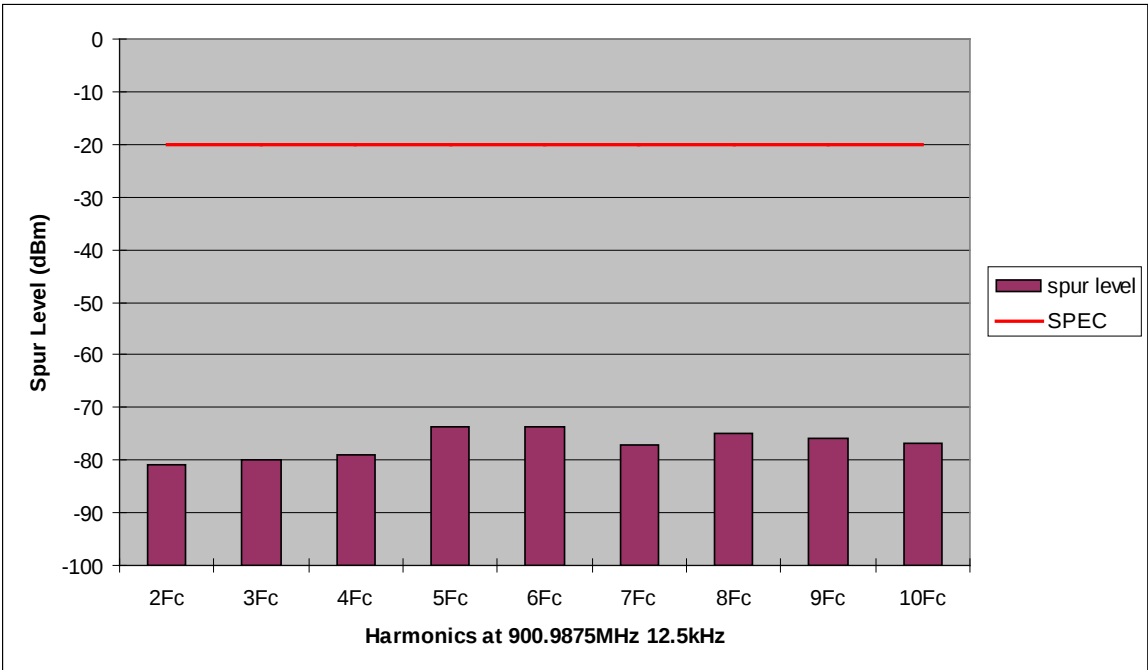


Table 6F-8: 1.2 Watt Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing

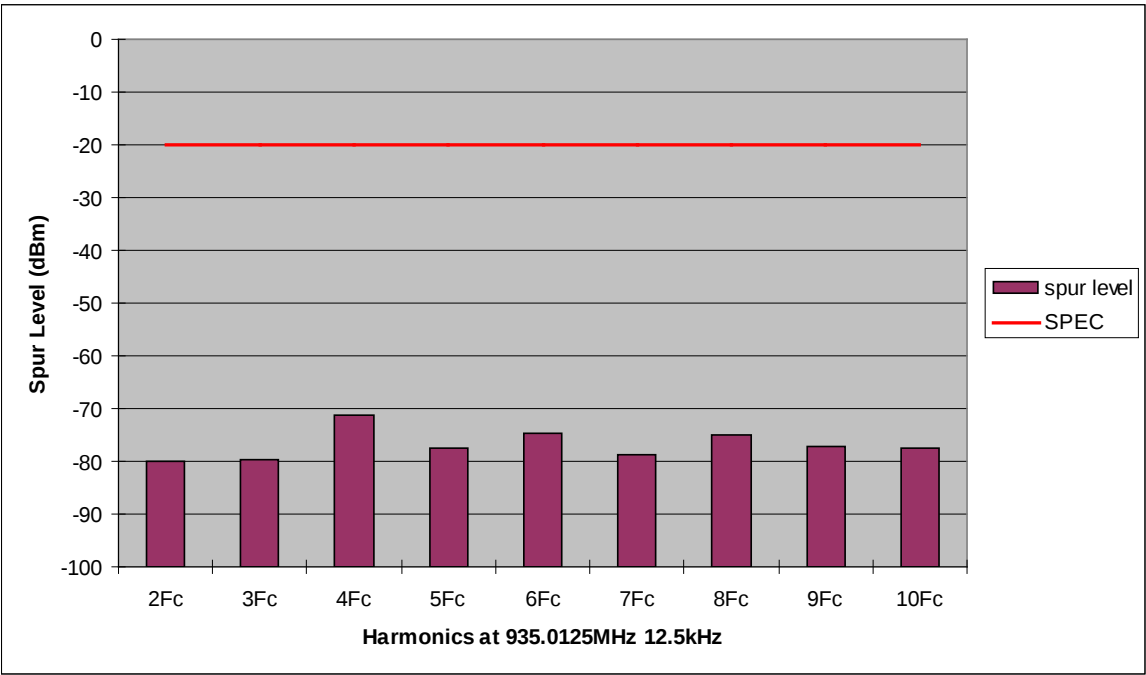


Table 6F-9: 1.2 Watt Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing

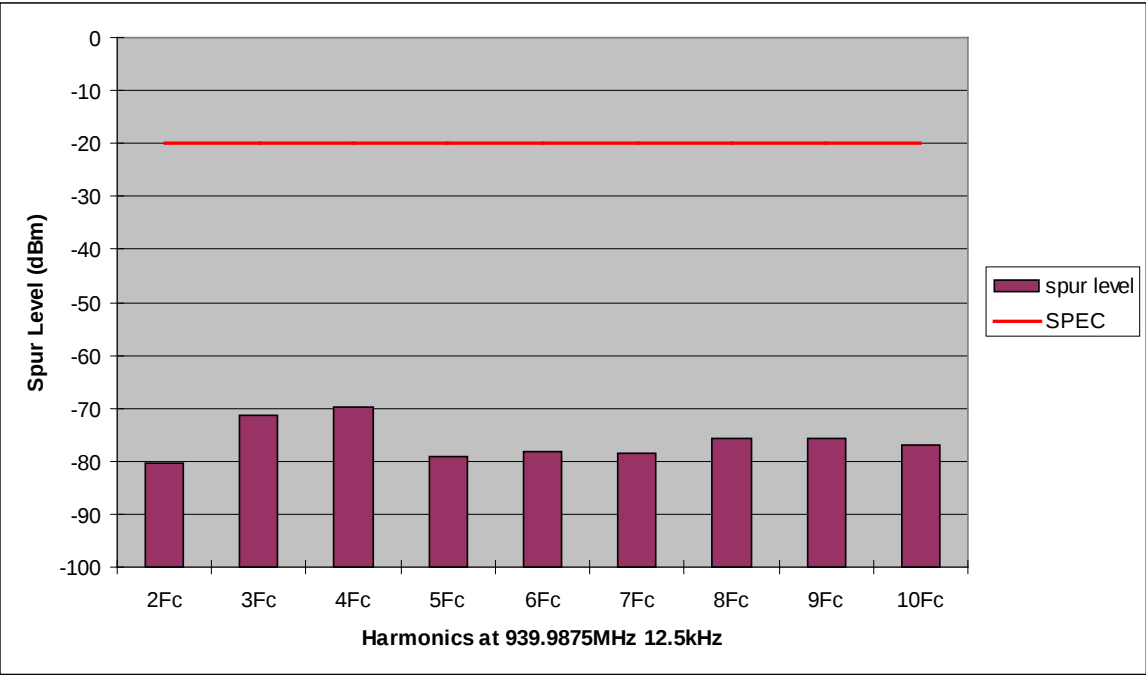


Table 6F-10: 1.2 Watt Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing

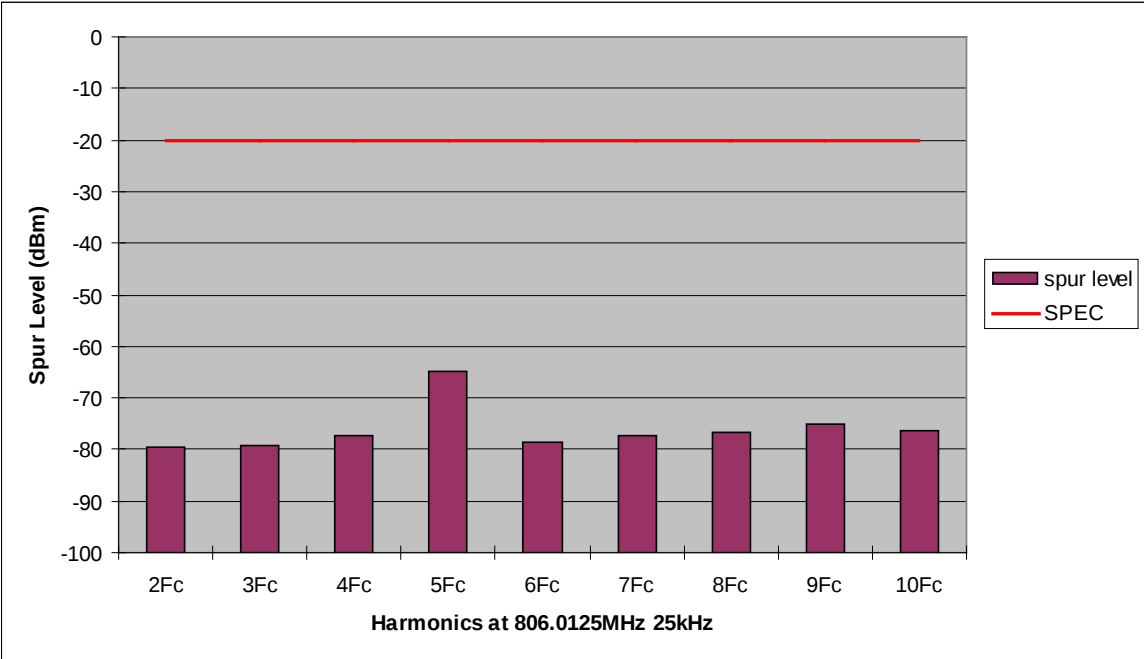


Table 6F-11: 1.2 Watt Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing

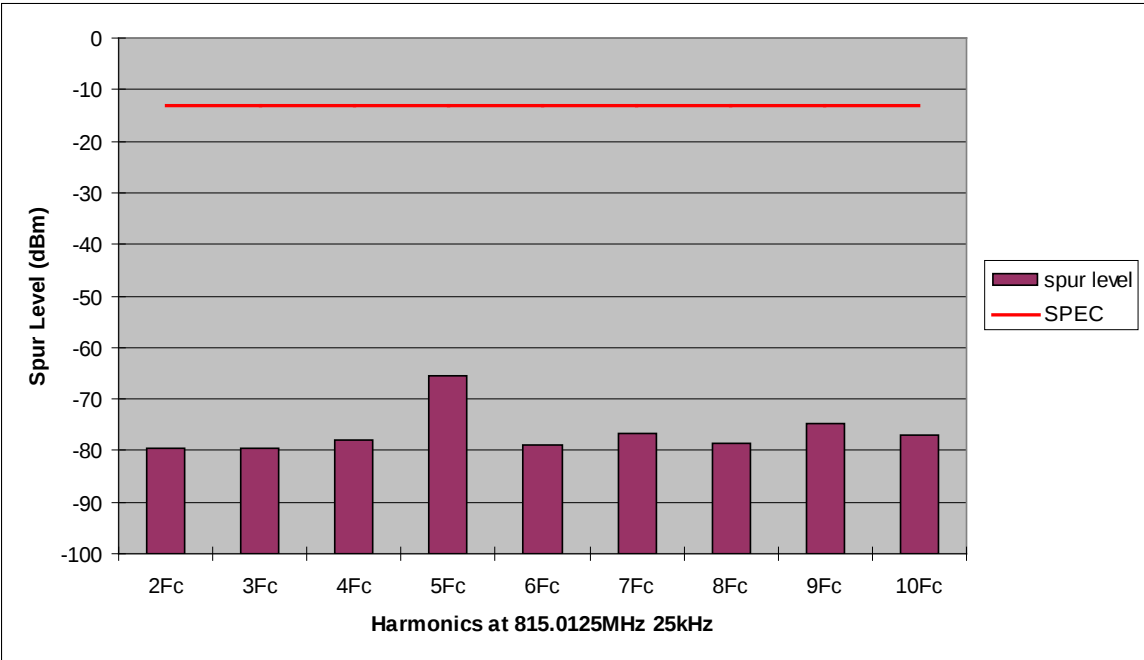


Table 6F-12: 1.2 Watt Harmonic of Carrier 815.0125 MHz, 25 kHz Channel Spacing

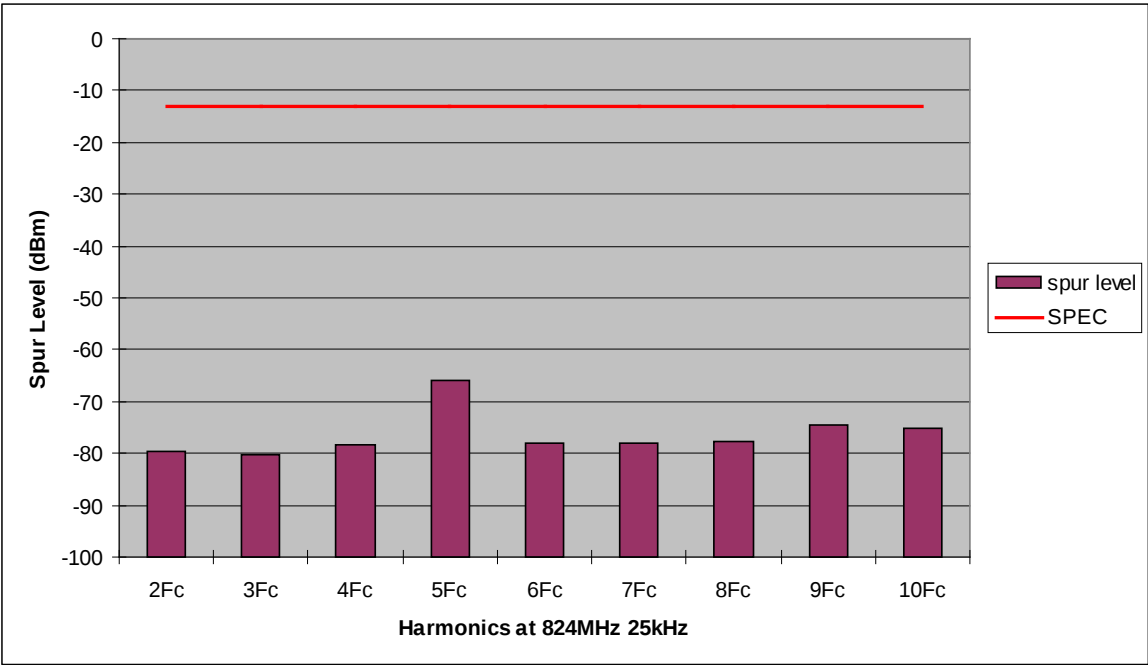


Table 6F-13: 1.2 Watt Harmonic of Carrier 824 MHz, 25 kHz Channel Spacing

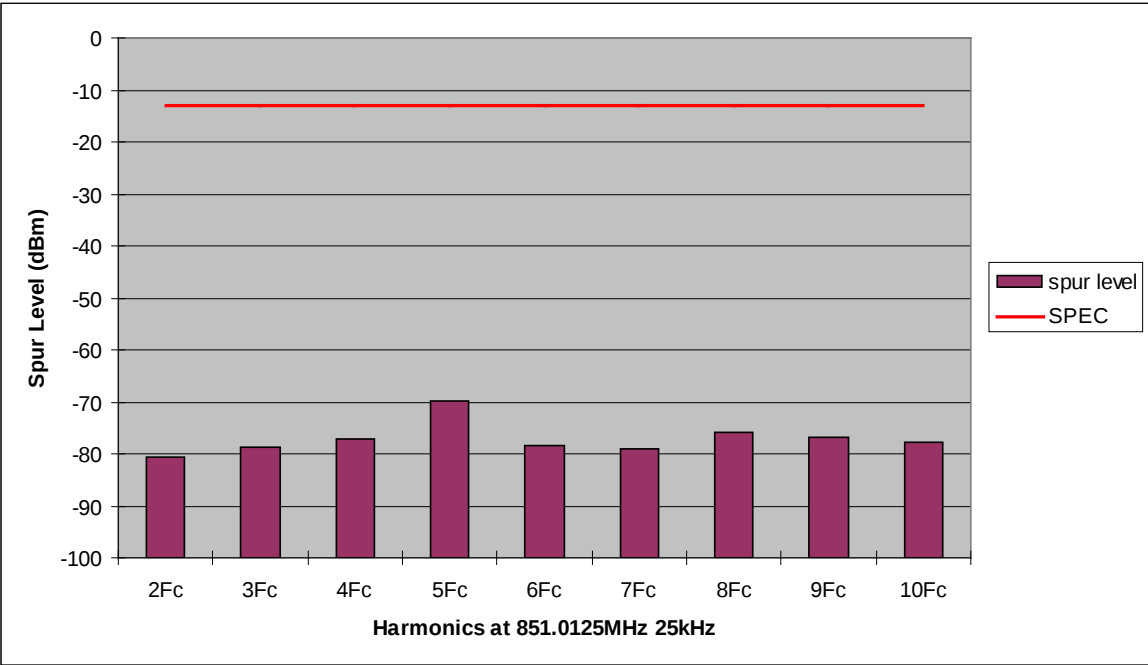


Table 6F-14: 1.2 Watt Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing

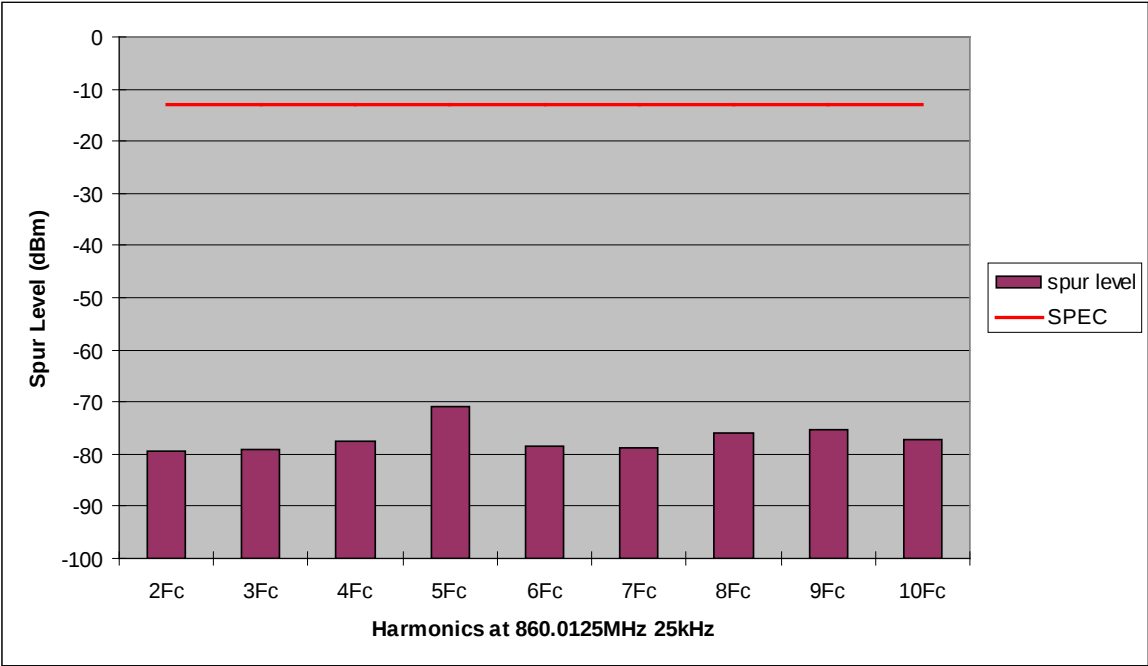


Table 6F-15: 1.2 Watt Harmonic of Carrier 860.0125 MHz, 25 kHz Channel Spacing

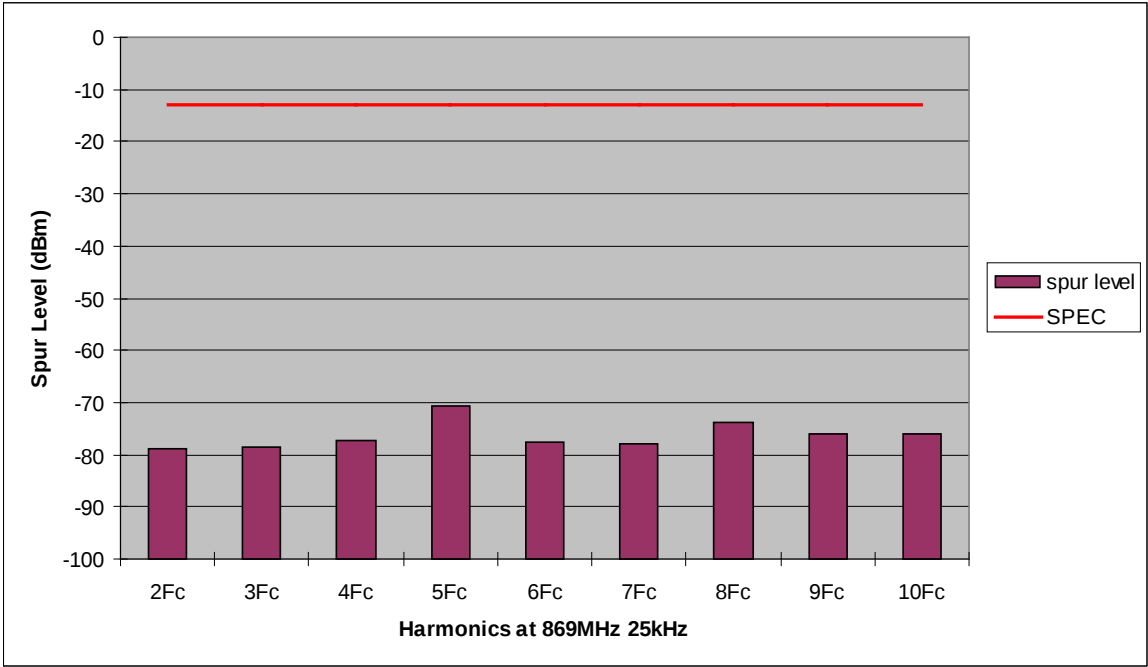
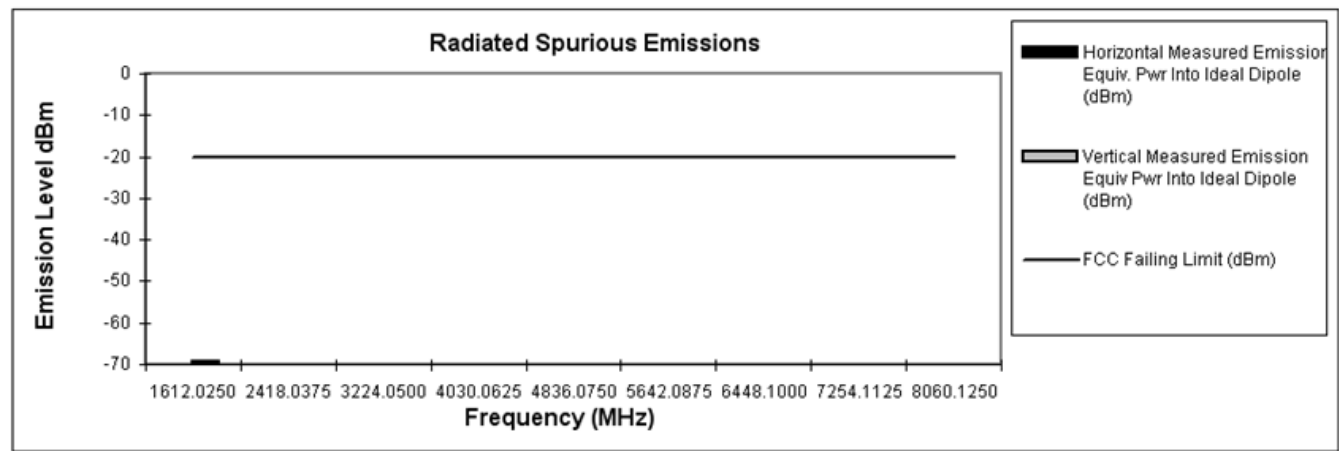
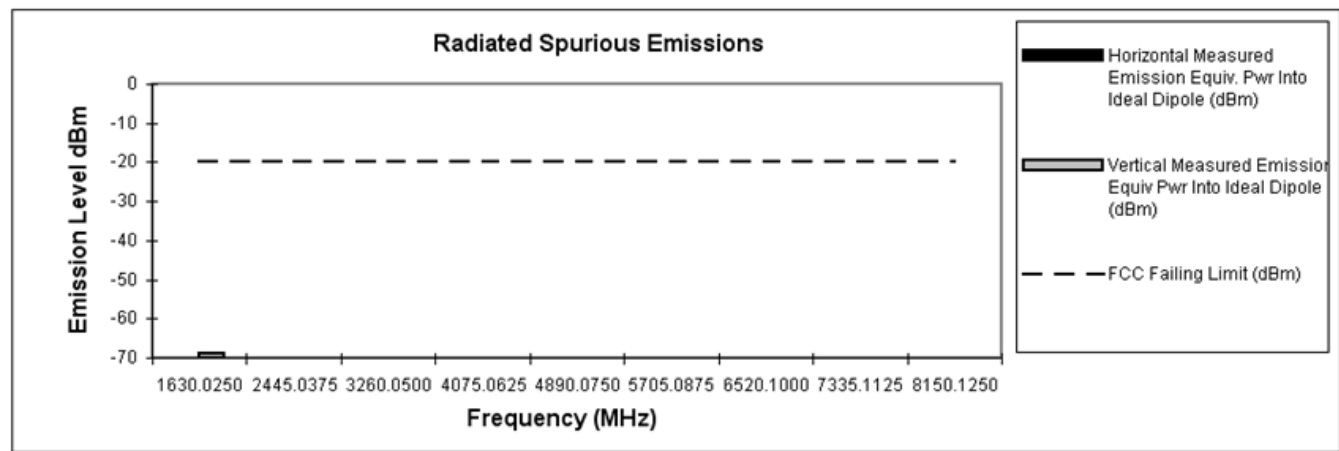


Table 6F-16: 1.2 Watt Harmonic of Carrier 869 MHz, 25 kHz Channel Spacing

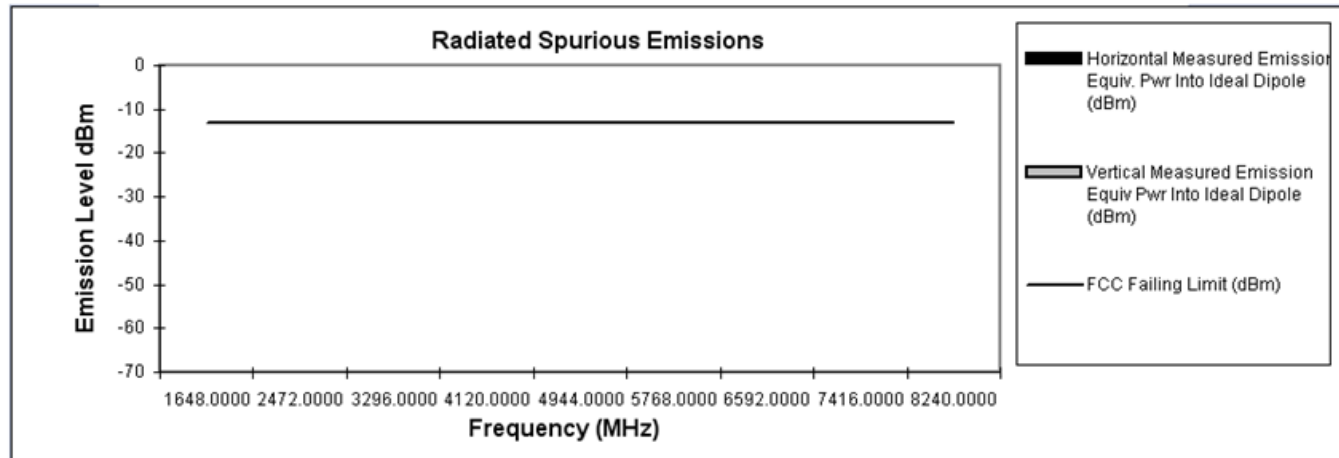
EXHIBIT 6G  
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)



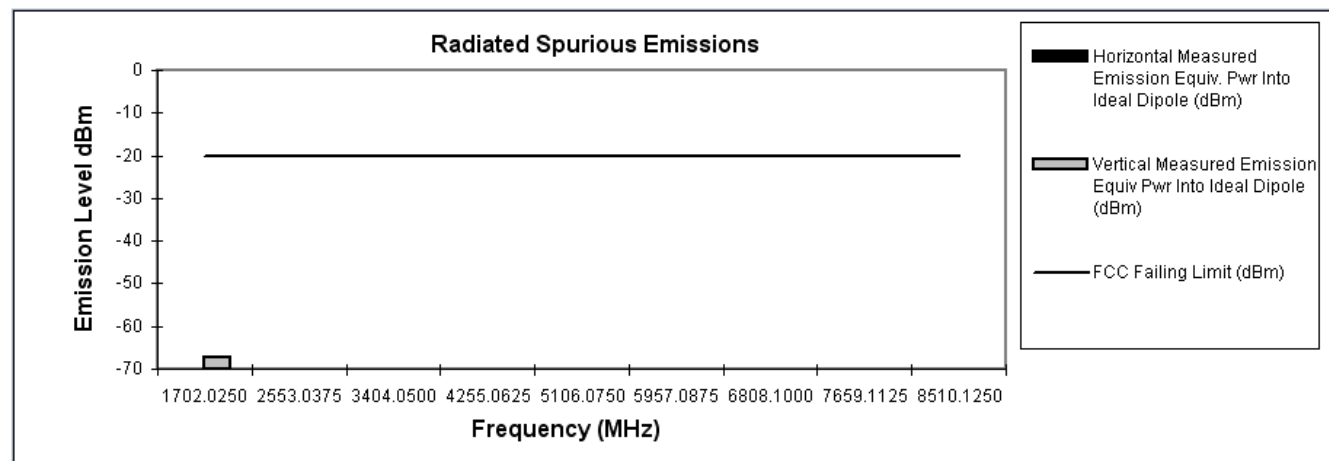
GRAPH 6G-1: 1.2 Watts, 806.0125 MHz, 12.5 kHz Channel Spacing



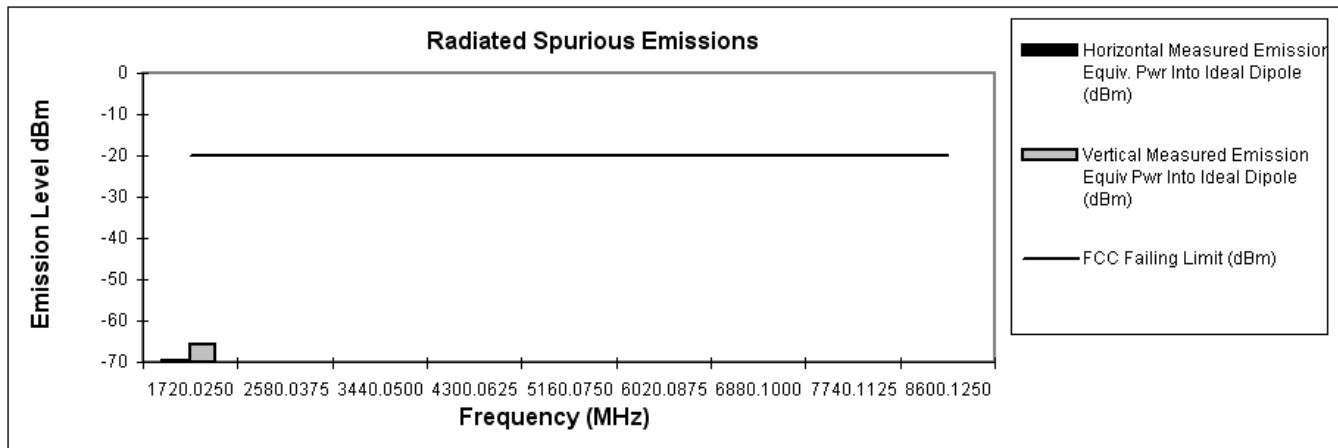
GRAPH 6G-2: 1.2 Watts, 815.0125 MHz, 12.5 kHz Channel Spacing



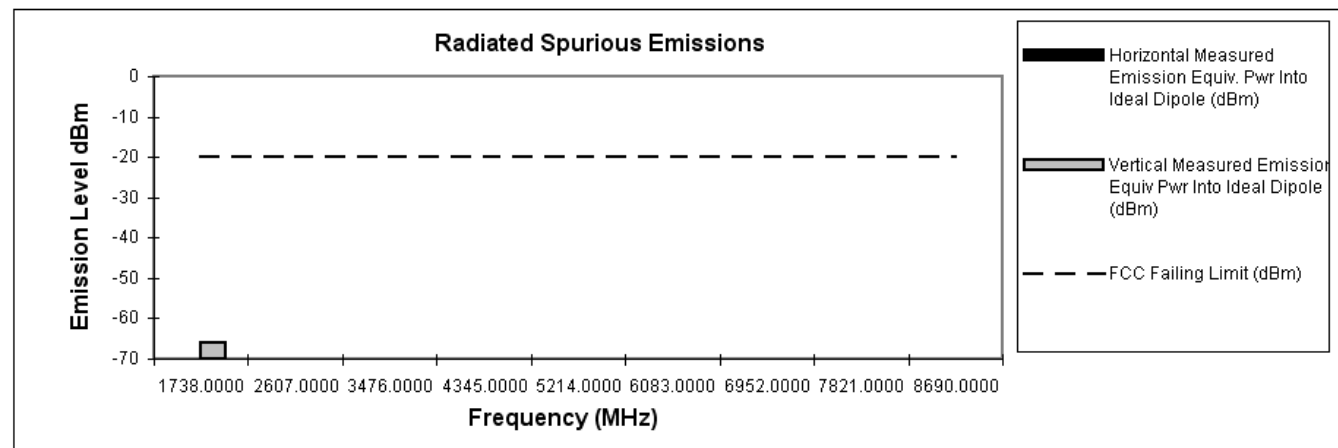
GRAPH 6G-3: 1.2 Watts, 824 MHz, 12.5 kHz Channel Spacing



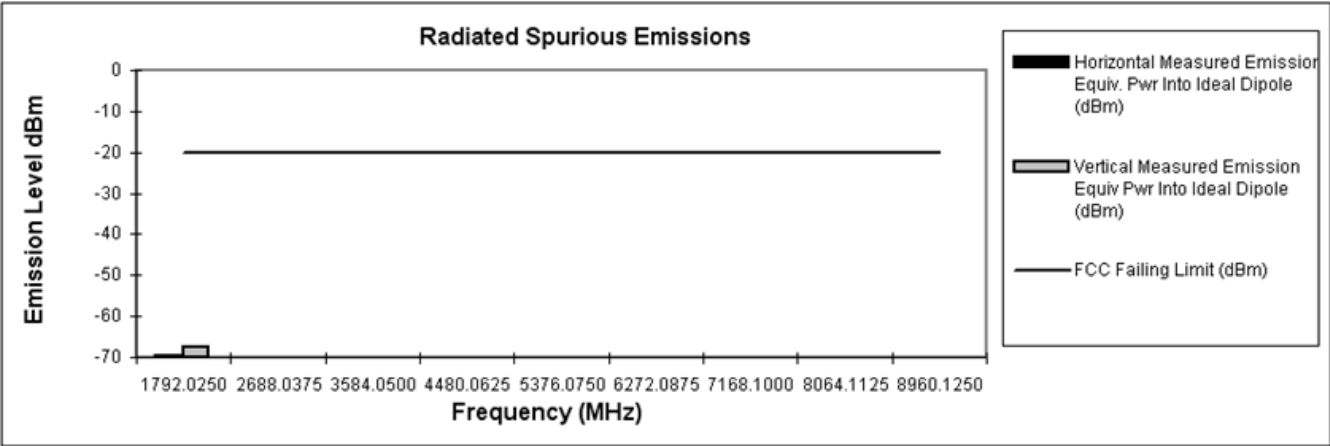
GRAPH 6G-4: 1.2 Watts, 851.0125 MHz, 12.5 kHz Channel Spacing



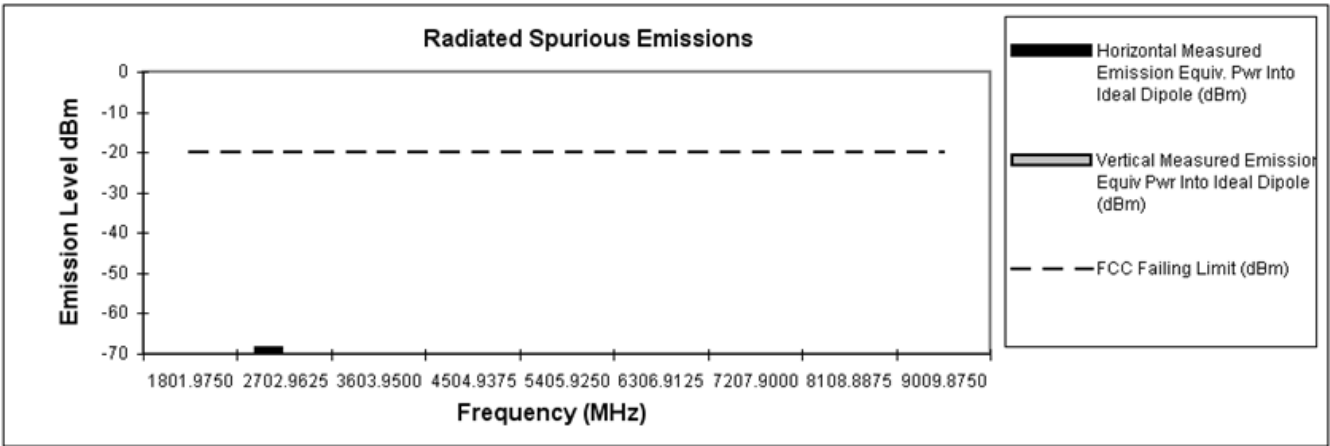
GRAPH 6G-5: 1.2 Watts, 860.0125 MHz, 12.5 kHz Channel Spacing



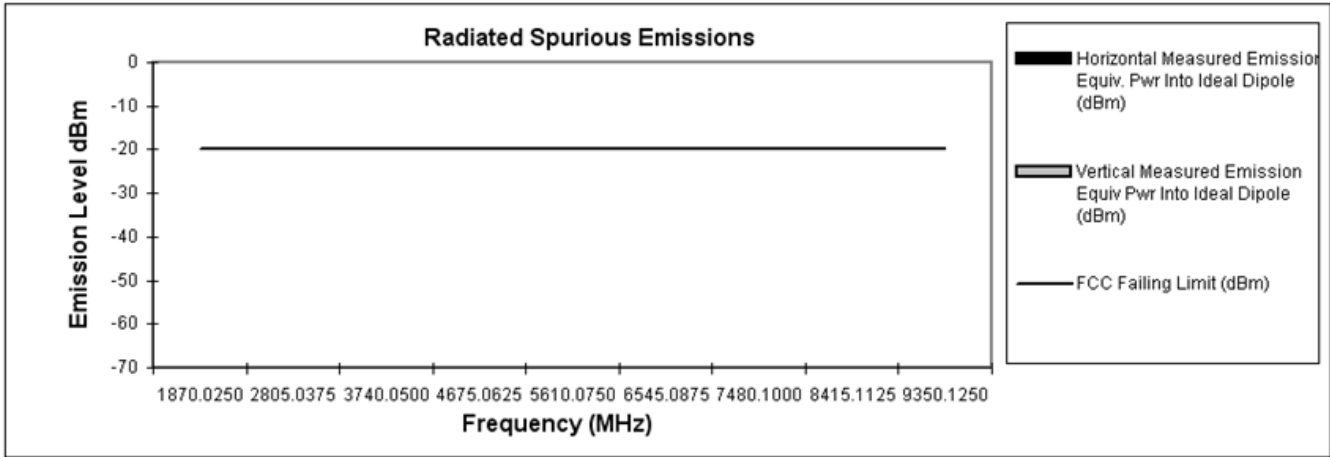
GRAPH 6G-6: 1.2 Watts, 869 MHz, 12.5 kHz Channel Spacing



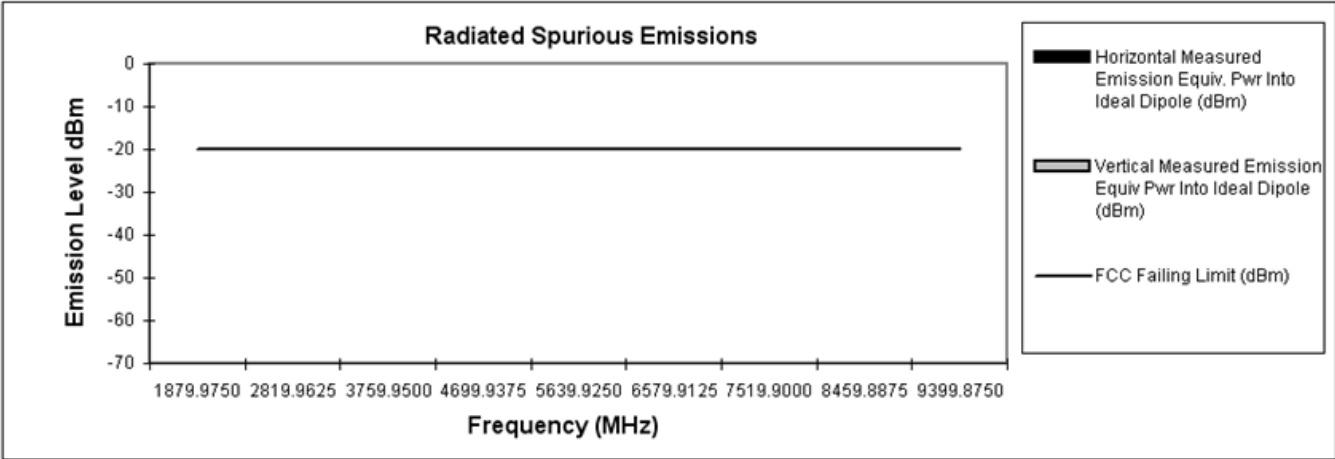
GRAPH 6G-7: 1.2 Watts, 896.0125 MHz, 12.5 kHz Channel Spacing



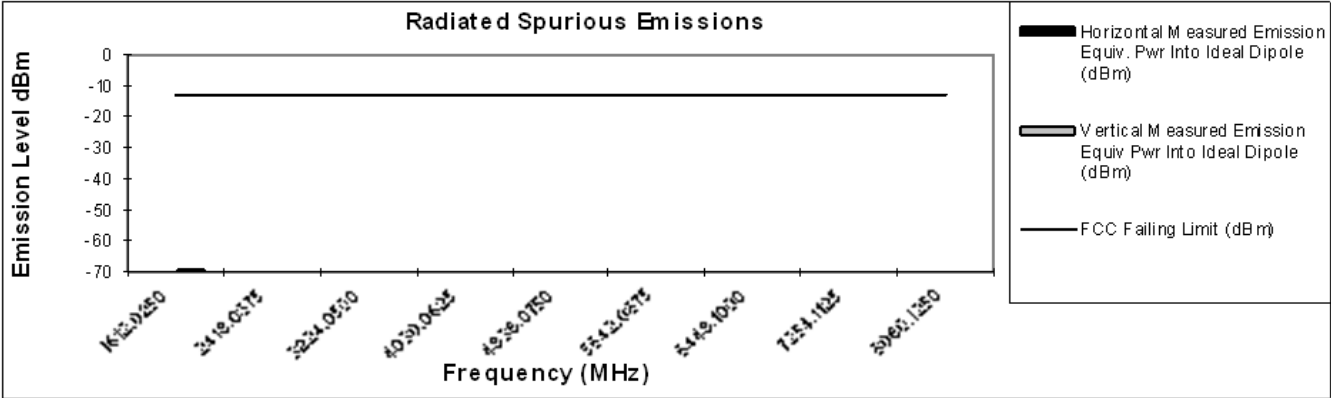
GRAPH 6G-8: 1.2 Watts, 900.9875 MHz, 12.5 kHz Channel Spacing



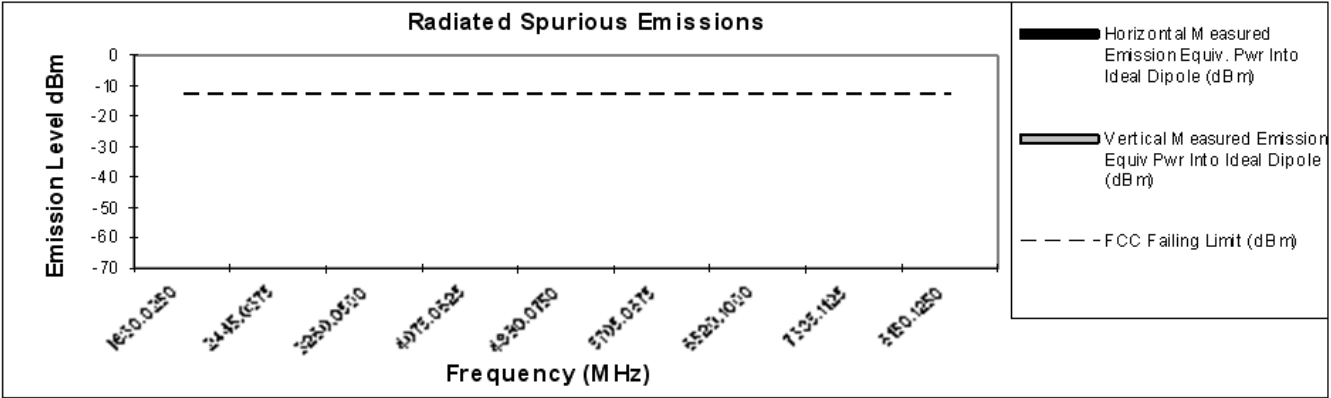
GRAPH 6G-9: 1.2 Watts, 935.0125 MHz, 12.5 kHz Channel Spacing



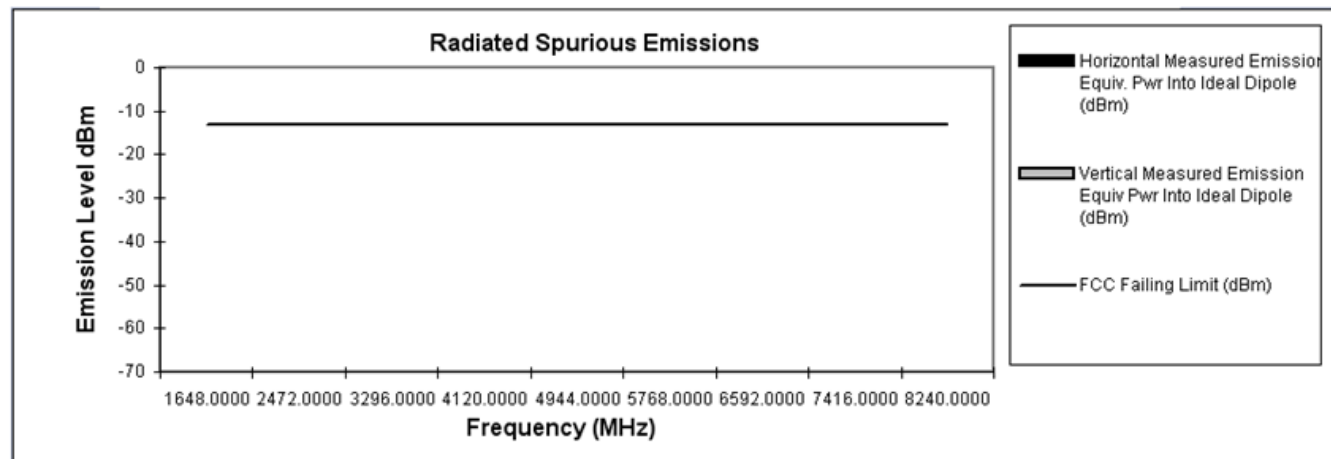
GRAPH 6G-10: 1.2 Watts, 939.9875 MHz, 12.5 kHz Channel Spacing



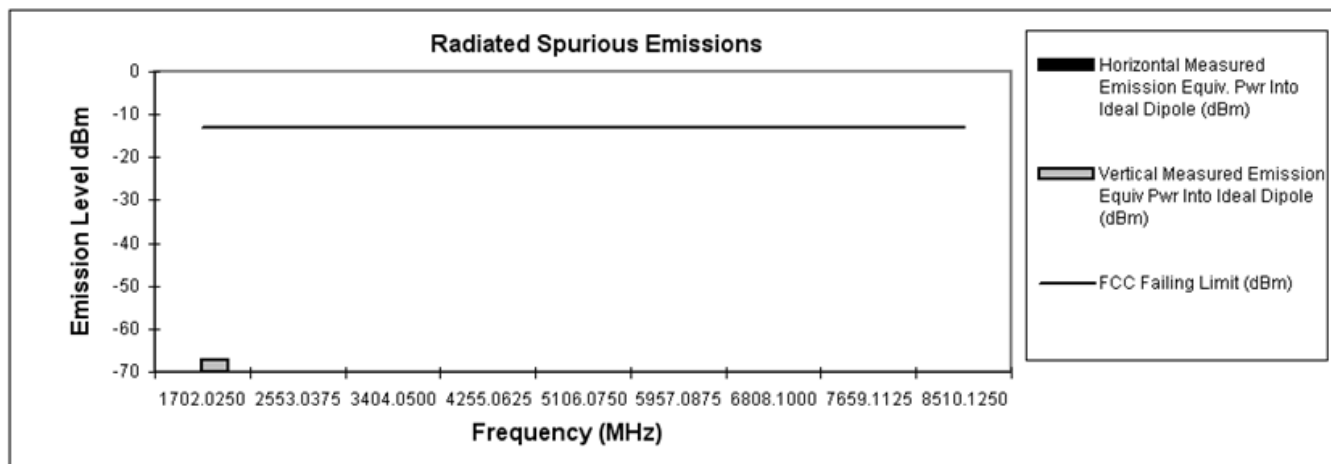
GRAPH 6G-11: 1.2 Watts, 806.0125 MHz, 25 kHz Channel Spacing



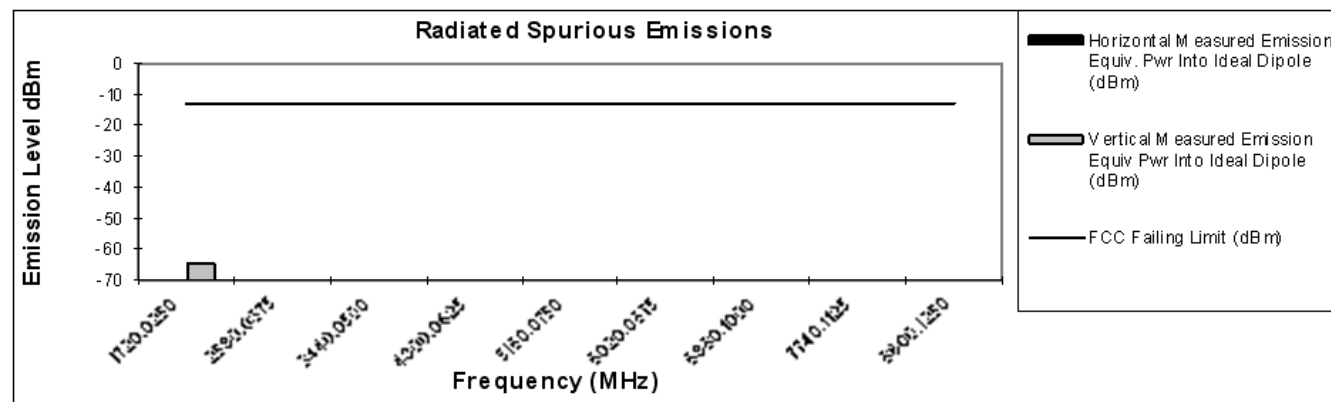
GRAPH 6G-12: 1.2 Watts, 815.0125 MHz, 25 kHz Channel Spacing



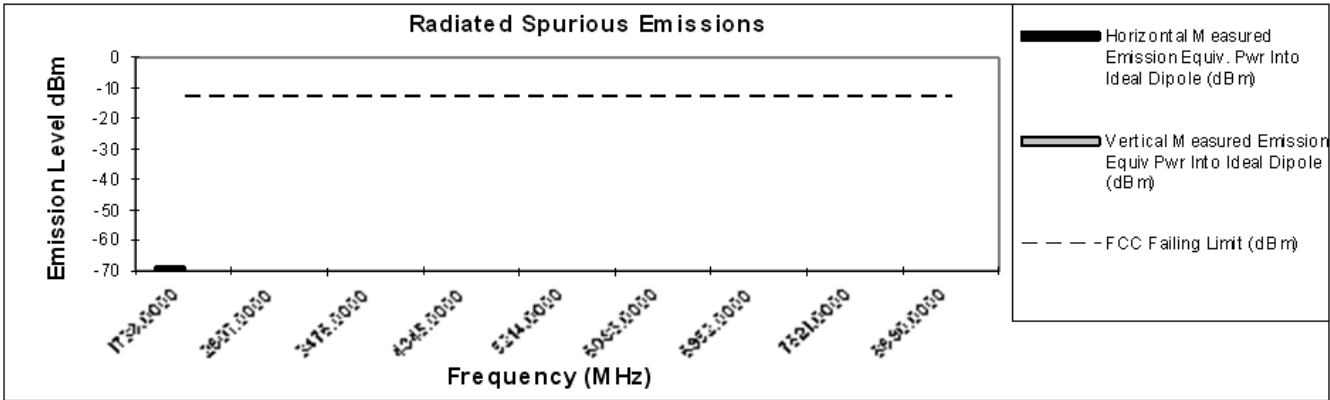
GRAPH 6G-13: 1.2 Watts, 824 MHz, 25 kHz Channel Spacing



GRAPH 6G-14: 1.2 Watts, 851.0125 MHz, 25 kHz Channel Spacing



GRAPH 6G-15: 1.2 Watts, 860.0125 MHz, 25 kHz Channel Spacing



GRAPH 6G-16: 1.2 Watts, 869 MHz, 25 kHz Channel Spacing

EXHIBIT 6H

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

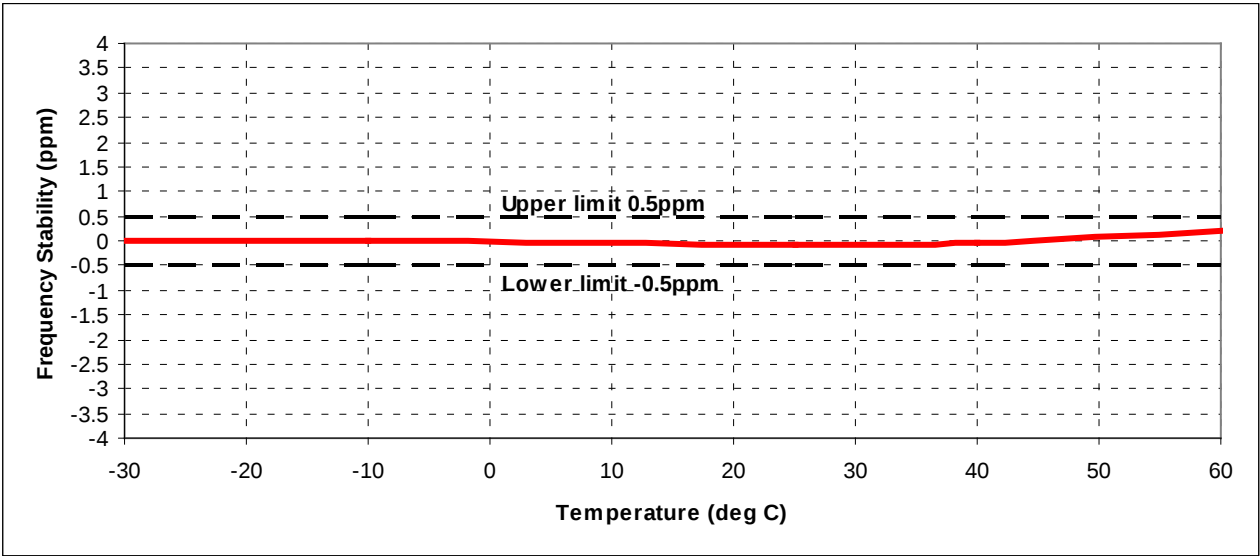


Figure 6H-1: 0.5 ppm Frequency Stability vs. Temperature at 815.0125 MHz

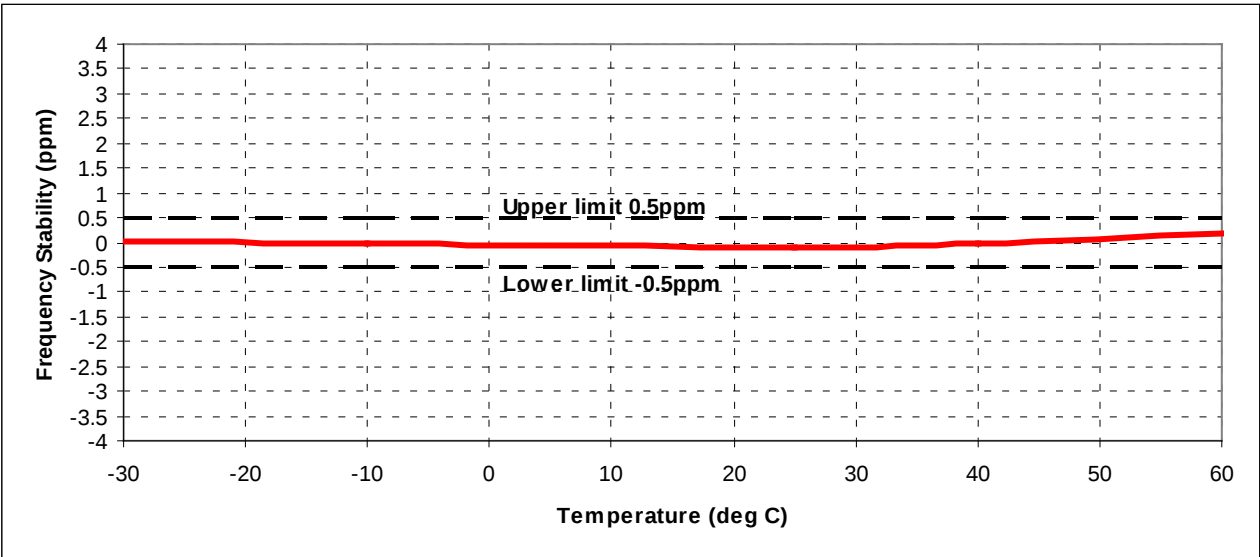


Figure 6H-2: 0.5 ppm Frequency Stability vs. Temperature at 860.0125 MHz

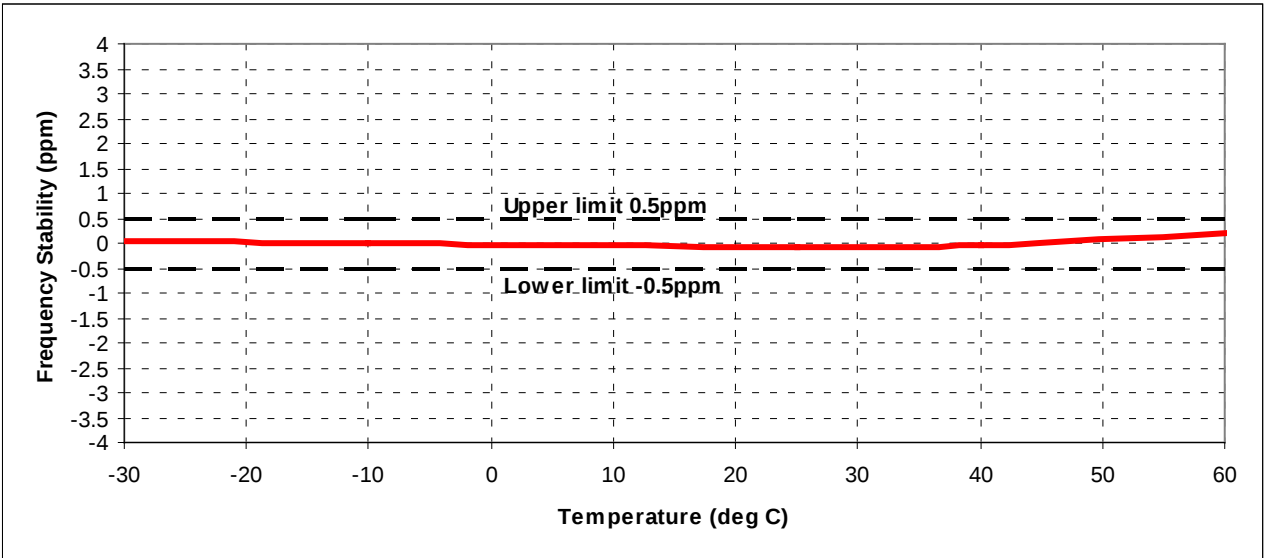


Figure 6H-3: 0.5 ppm Frequency Stability vs. Temperature at 900.9875 MHz

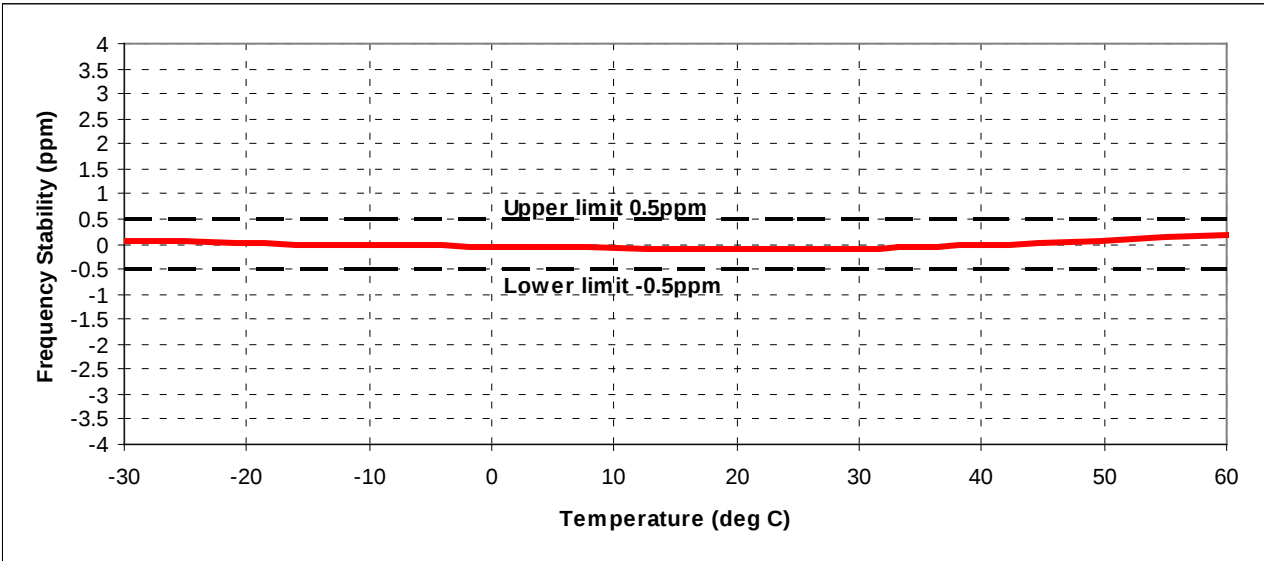


Figure 6H-4: 0.5 ppm Frequency Stability vs. Temperature at 935.0125 MHz

**EXHIBIT 6J- Power Line Conducted Spurious Emissions - Pursuant to FCC Rules Part 15.107**

\* The test was done in ACS test lab in US

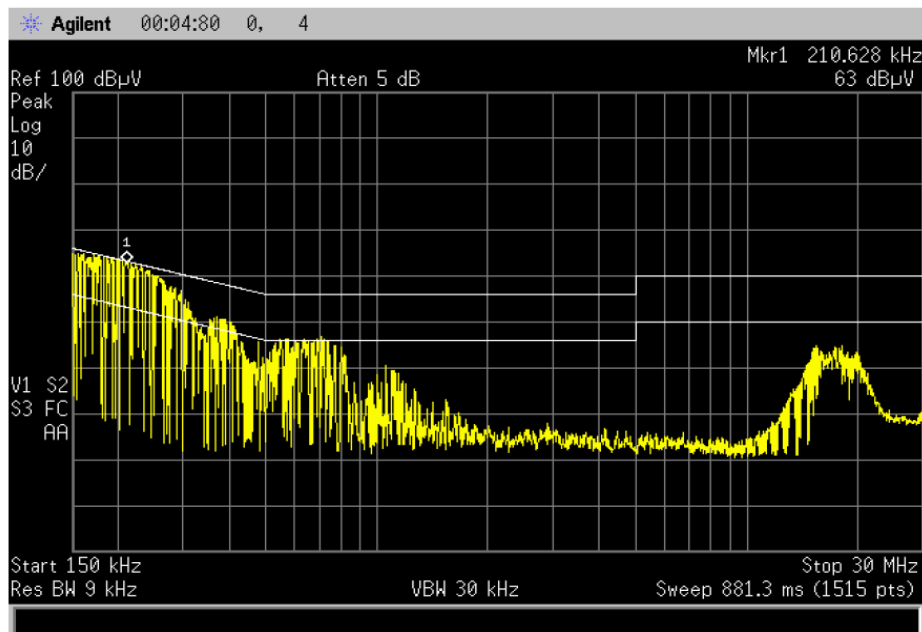
**EMI Conducted Scan latest FCC Peak det - 3810 LISN  
Auto Merge Results Radio Off**

Figure 6J-1: Radio off Line/Phase

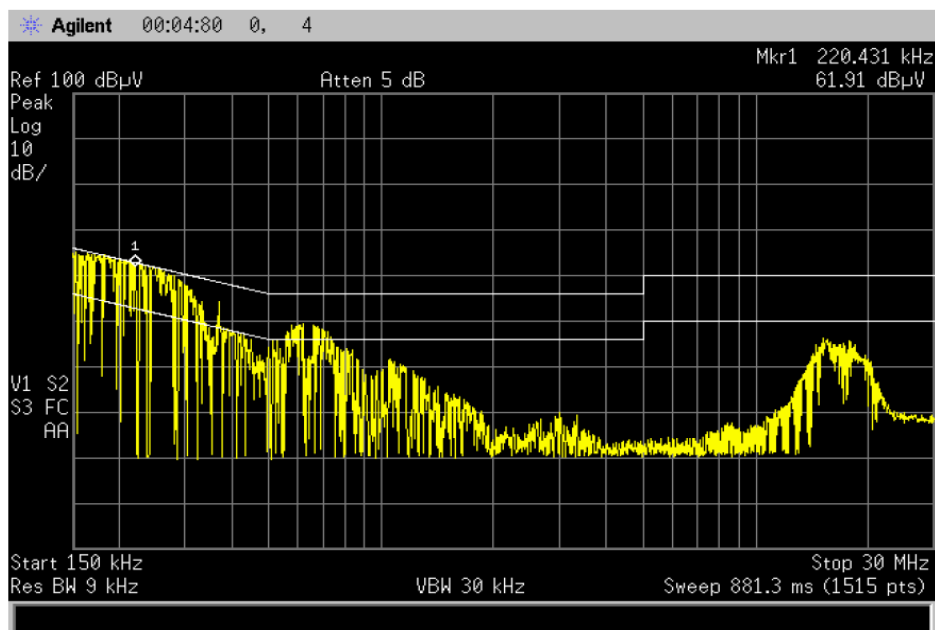


Figure 6J-2: Radio off Line/Neutral

Table 6J-1: XPR 6580 IS CSA 8/900 (Off)

| Line Tested | Frequency | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             | (kHz)     | Peak                  | QP    | Avg   |                        | Peak/QP                | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 158.3     | 63.74                 | 57.68 | 21.75 | 0.23                   | 57.91                  | 21.98 | 65.55         | 55.55 | 7.65        | 33.58 |
| Phase       | 192       | 63.25                 | 57.31 | 21.34 | 0.23                   | 57.54                  | 21.57 | 63.95         | 53.95 | 6.41        | 32.38 |
| Phase       | 350.4     | 52.84                 | 44.96 | 14.26 | 0.23                   | 45.19                  | 14.49 | 58.95         | 48.95 | 13.76       | 34.46 |
| Phase       | 383.9     | 50.60                 | 43.31 | 14.43 | 0.23                   | 43.54                  | 14.66 | 58.19         | 48.19 | 14.65       | 33.53 |
| Phase       | 568.5     | 44.29                 | 35.93 | 11.85 | 0.21                   | 36.14                  | 12.06 | 56.00         | 46.00 | 19.86       | 33.94 |
| Phase       | 15320     | 44.60                 | 41.04 | 30.36 | 0.97                   | 42.01                  | 31.33 | 60.00         | 50.00 | 17.99       | 18.67 |
| Neutral     | 153.8     | 65.00                 | 59.08 | 22.78 | 0.28                   | 59.36                  | 23.06 | 65.79         | 55.79 | 6.43        | 32.73 |
| Neutral     | 217.3     | 63.35                 | 57.54 | 21.46 | 0.28                   | 57.82                  | 21.74 | 62.92         | 52.92 | 5.10        | 31.18 |
| Neutral     | 362.5     | 51.22                 | 42.85 | 9.16  | 0.25                   | 43.10                  | 9.41  | 58.67         | 48.67 | 15.57       | 39.26 |
| Neutral     | 387.3     | 48.72                 | 42    | 9.65  | 0.25                   | 42.25                  | 9.91  | 58.12         | 48.12 | 15.87       | 38.22 |
| Neutral     | 605.9     | 48.10                 | 39.33 | 6.14  | 0.24                   | 39.57                  | 6.38  | 56.00         | 46.00 | 16.43       | 39.62 |
| Neutral     | 15315     | 46.11                 | 43.09 | 34.34 | 0.98                   | 44.07                  | 35.32 | 60.00         | 50.00 | 15.93       | 14.68 |

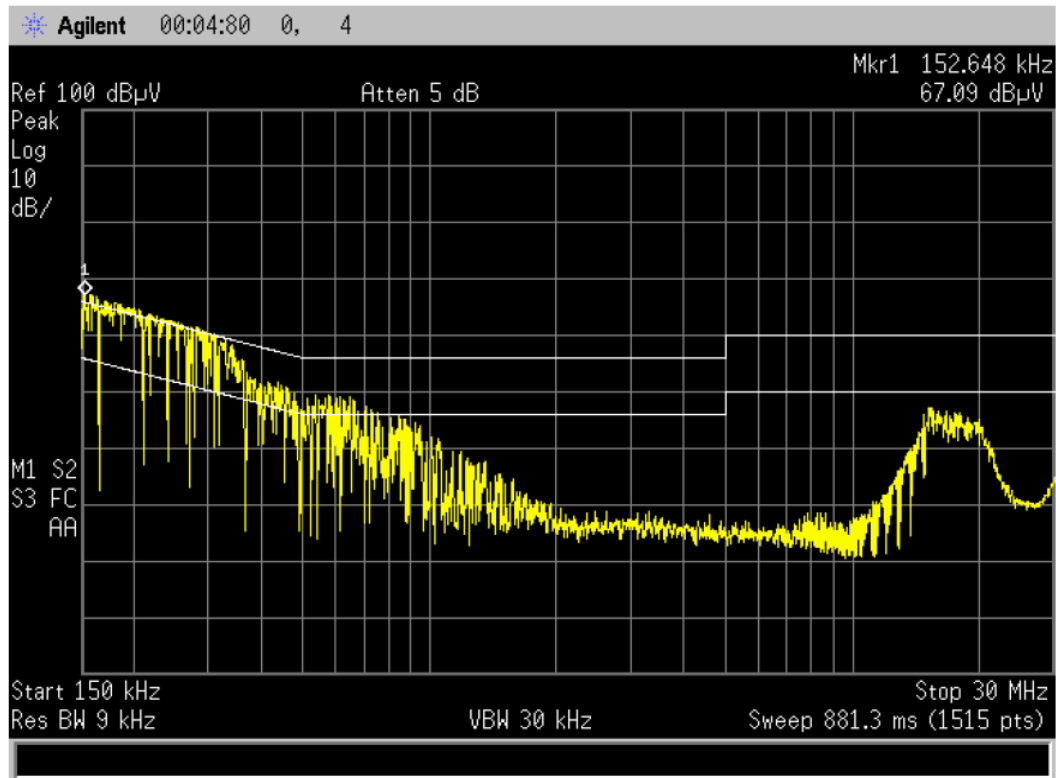


Figure 6J-3 – Radio on Tx Line/Phase 806.0125 MHz

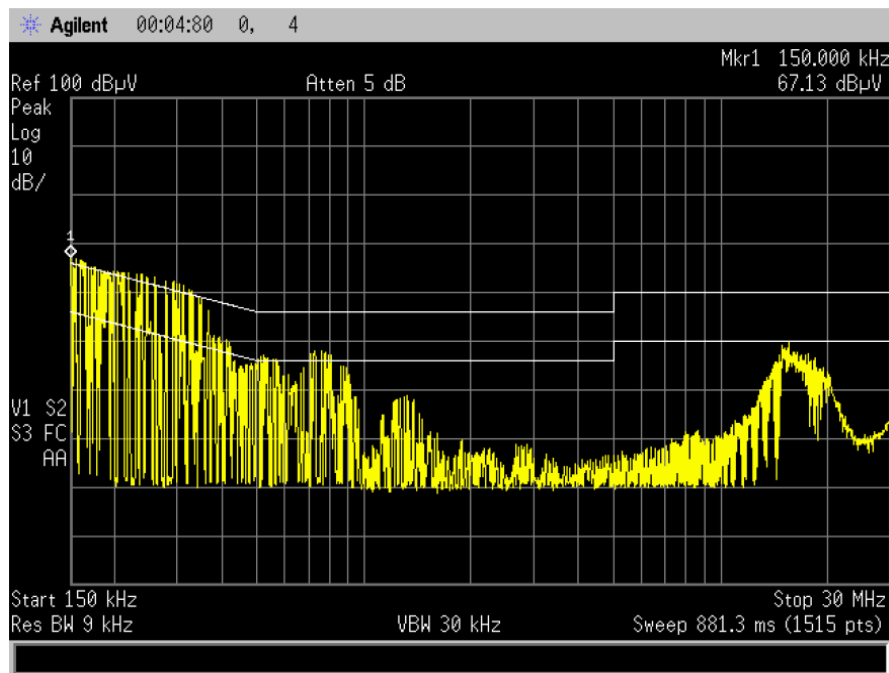


Figure 6J-4 – Radio on Tx Line/Neutral 806.0125 MHz

Table 6J-2: XPR 6580 IS CSA 8/900 (Tx 806.125 MHz)

| Line Tested | Frequency (kHz) | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             |                 | Peak                  | QP    | Avg   |                        | Peak/QP                | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 150             | 68.03                 | 61.24 | 24.40 | 0.23                   | 61.47                  | 24.63 | 66.00         | 56.00 | 4.53        | 31.37 |
| Phase       | 223.1           | 63.46                 | 56.44 | 19.96 | 0.23                   | 56.67                  | 20.19 | 62.70         | 52.70 | 6.04        | 32.52 |
| Phase       | 323.3           | 58.03                 | 49.5  | 15.90 | 0.23                   | 49.73                  | 16.13 | 59.62         | 49.62 | 9.89        | 33.49 |
| Phase       | 407.1           | 53.52                 | 44.49 | 13.10 | 0.22                   | 44.71                  | 13.32 | 57.71         | 47.71 | 13.00       | 34.39 |
| Phase       | 565             | 49.08                 | 41.26 | 12.81 | 0.21                   | 41.47                  | 13.02 | 56.00         | 46.00 | 14.53       | 32.98 |
| Phase       | 832.1           | 45.52                 | 36.88 | 12.12 | 0.20                   | 37.08                  | 12.32 | 56.00         | 46.00 | 18.92       | 33.68 |
| Phase       | 15440           | 46.28                 | 43.44 | 34.07 | 0.97                   | 44.41                  | 35.04 | 60.00         | 50.00 | 15.59       | 14.96 |
| Neutral     | 150.4           | 67.22                 | 61.27 | 23.78 | 0.28                   | 61.55                  | 24.06 | 65.98         | 55.98 | 4.42        | 31.91 |
| Neutral     | 222.5           | 64.57                 | 57.07 | 17.67 | 0.28                   | 57.35                  | 17.95 | 62.73         | 52.73 | 5.37        | 34.77 |
| Neutral     | 317.3           | 54.26                 | 46.47 | 10.29 | 0.24                   | 46.71                  | 10.53 | 59.78         | 49.78 | 13.07       | 39.25 |
| Neutral     | 413.8           | 50.55                 | 43.09 | 10.75 | 0.24                   | 43.33                  | 10.99 | 57.57         | 47.57 | 14.24       | 36.58 |
| Neutral     | 563             | 50.71                 | 43.26 | 9.10  | 0.25                   | 43.51                  | 9.34  | 56.00         | 46.00 | 12.49       | 36.66 |
| Neutral     | 837.1           | 39.17                 | 31.03 | 12.76 | 0.25                   | 31.28                  | 13.01 | 56.00         | 46.00 | 24.72       | 32.99 |
| Neutral     | 15457           | 50.36                 | 46.75 | 38.99 | 0.98                   | 47.73                  | 39.97 | 60.00         | 50.00 | 12.27       | 10.03 |

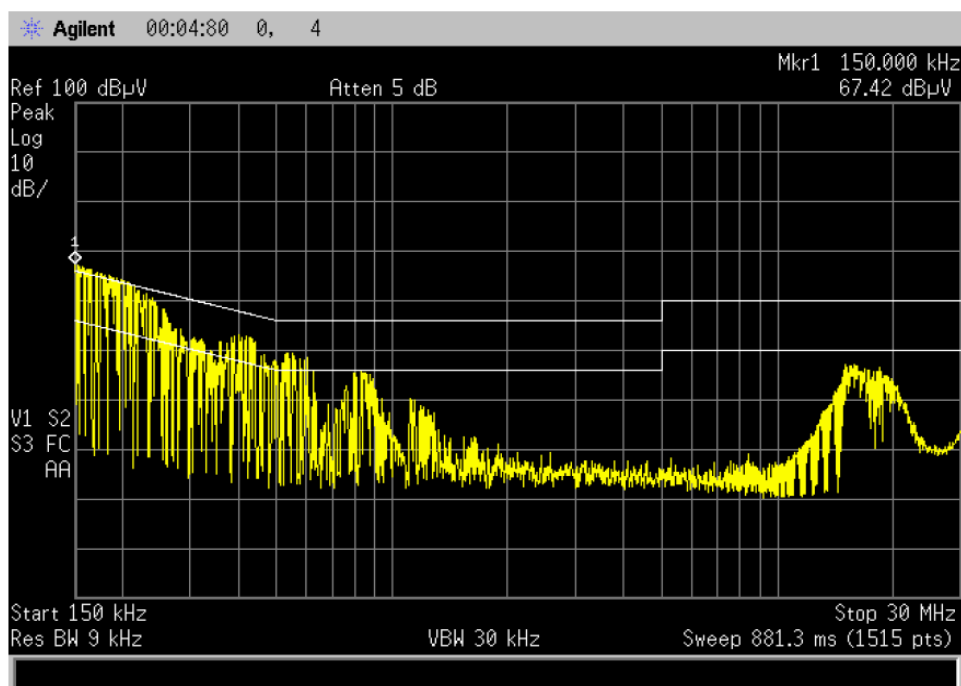


Figure 6J-5 – Radio on Tx Line/Phase 815.0125 MHz

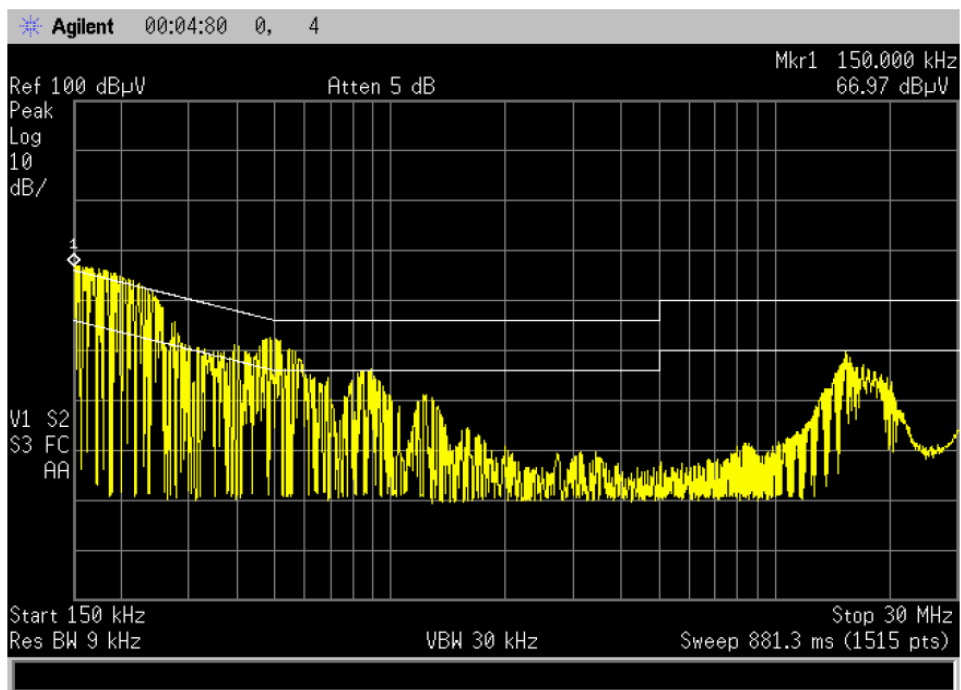


Figure 6J-6 – Radio on Tx Line/Neutral 815.0125 MHz

Table 6J-3: XPR 6580 IS CSA 8/900 (Tx 815.0125 MHz)

| Line Tested | Frequency | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             | (kHz)     | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 160       | 66.83                 | 61.04 | 25.29 | 0.23                   | 61.27                  | 25.52 | 65.46         | 55.46 | 4.20        | 29.95 |
| Phase       | 200       | 63.98                 | 57.96 | 21.99 | 0.23                   | 58.19                  | 22.22 | 63.61         | 53.61 | 5.42        | 31.39 |
| Phase       | 486       | 47.78                 | 41.72 | 14.37 | 0.22                   | 41.94                  | 14.59 | 56.24         | 46.24 | 14.30       | 31.65 |
| Phase       | 870.8     | 44.67                 | 36.54 | 12.08 | 0.20                   | 36.74                  | 12.28 | 56.00         | 46.00 | 19.26       | 33.72 |
| Phase       | 15220     | 47.24                 | 43.81 | 34.65 | 0.97                   | 44.78                  | 35.62 | 60.00         | 50.00 | 15.22       | 14.38 |
| Phase       | 305.6     | 52.52                 | 44.69 | 13.33 | 0.20                   | 44.89                  | 13.53 | 60.09         | 50.09 | 15.20       | 36.56 |
| Neutral     | 154.4     | 67.14                 | 61.46 | 24.20 | 0.28                   | 61.74                  | 24.48 | 65.76         | 55.76 | 4.02        | 31.28 |
| Neutral     | 199       | 64.85                 | 58.43 | 21.35 | 0.28                   | 58.71                  | 21.63 | 63.65         | 53.65 | 4.94        | 32.02 |
| Neutral     | 293.2     | 51.39                 | 43.13 | 9.10  | 0.24                   | 43.37                  | 9.34  | 60.43         | 50.43 | 17.07       | 41.10 |
| Neutral     | 473.1     | 53.64                 | 45.81 | 8.57  | 0.24                   | 46.05                  | 8.81  | 56.46         | 46.46 | 10.41       | 37.65 |
| Neutral     | 877.3     | 44.72                 | 36.93 | 6.90  | 0.25                   | 37.18                  | 7.14  | 56.00         | 46.00 | 18.82       | 38.86 |
| Neutral     | 15227     | 49.34                 | 46.33 | 38.03 | 0.98                   | 47.31                  | 39.01 | 60.00         | 50.00 | 12.69       | 10.99 |

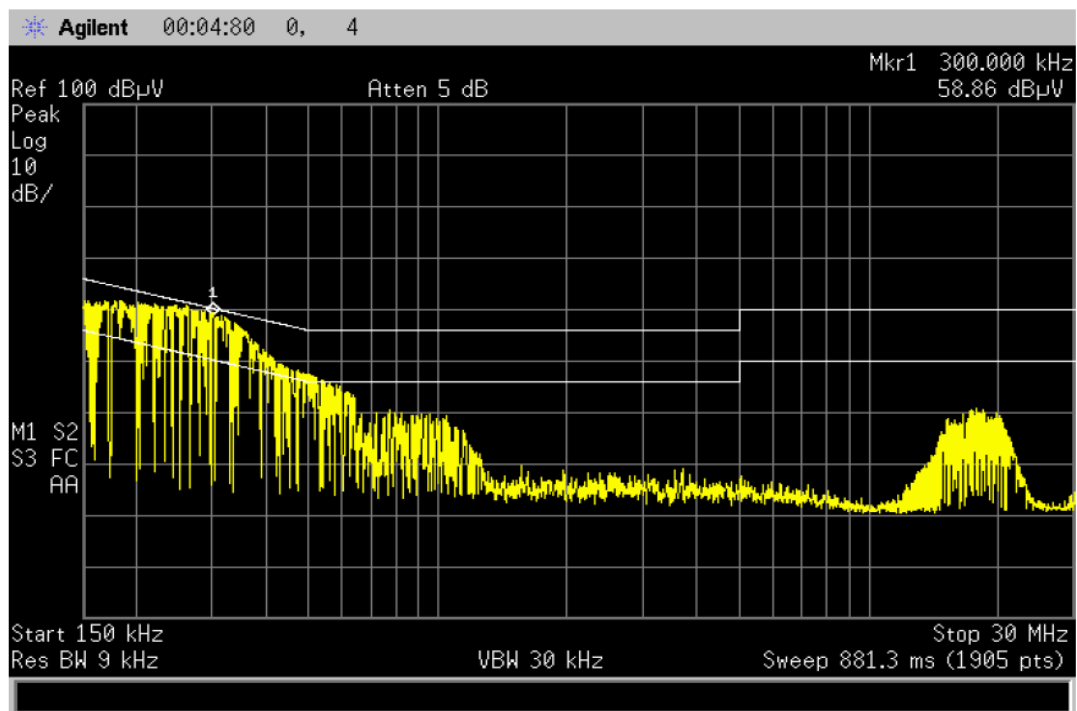


Figure 6J-7 – Radio on Tx Line/Phase 824 MHz

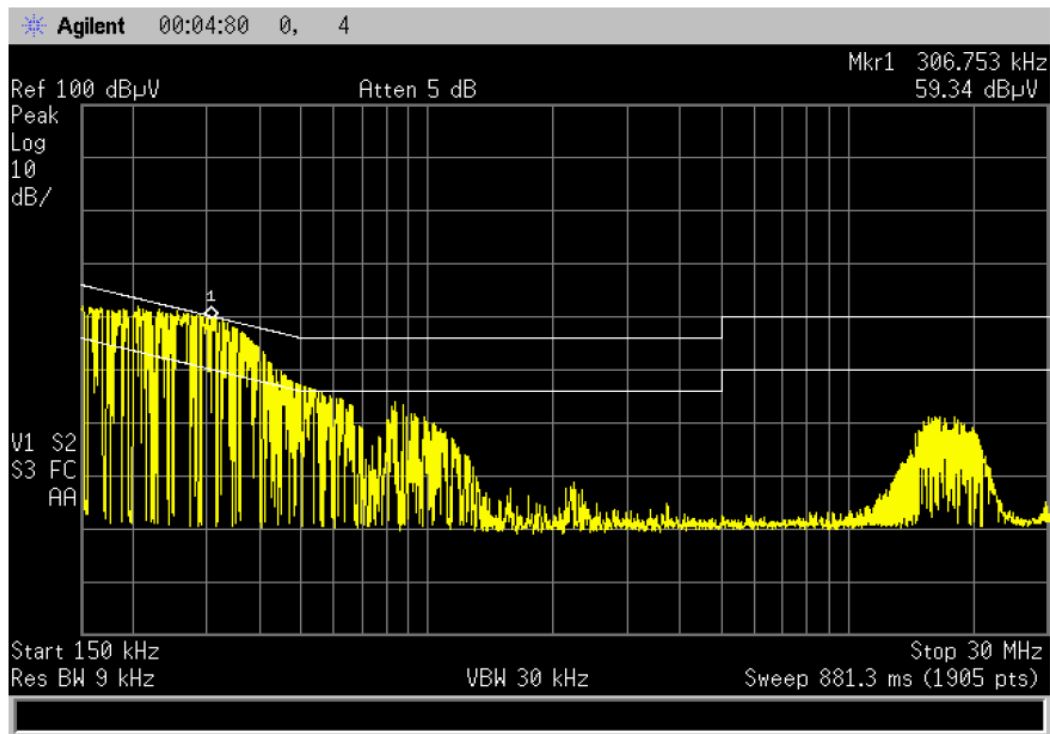


Figure 6J-8 – Radio on Tx Line/Neutral 824 MHz

Table 6J-4: XPR 6580 IS CSA 8/900 (Tx 824 MHz)

| Line Tested | Frequency (kHz) | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             |                 | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 150             | 62.14                 | 55.75 | 20.42 | 0.23                   | 55.98                  | 20.65 | 66.00         | 56.00 | 10.02       | 35.35 |
| Phase       | 201             | 61.48                 | 55    | 20.02 | 0.23                   | 55.23                  | 20.25 | 63.57         | 53.57 | 8.34        | 33.32 |
| Phase       | 297.8           | 59.65                 | 53.15 | 19.33 | 0.20                   | 53.35                  | 19.53 | 60.30         | 50.30 | 6.96        | 30.78 |
| Phase       | 389.1           | 52.92                 | 46.66 | 16.01 | 0.23                   | 46.89                  | 16.24 | 58.08         | 48.08 | 11.19       | 31.84 |
| Phase       | 807.1           | 41.22                 | 31.14 | 11.05 | 0.21                   | 31.35                  | 11.26 | 56.00         | 46.00 | 24.65       | 34.74 |
| Phase       | 18461           | 38.85                 | 36.88 | 26.29 | 1.12                   | 38.00                  | 27.41 | 60.00         | 50.00 | 22.00       | 22.59 |
| Neutral     | 150.1           | 62.70                 | 56.01 | 18.86 | 0.28                   | 56.29                  | 19.14 | 65.99         | 55.99 | 9.70        | 36.85 |
| Neutral     | 199.9           | 61.43                 | 55.26 | 18.2  | 0.28                   | 55.54                  | 18.48 | 63.61         | 53.61 | 8.07        | 35.13 |
| Neutral     | 291.6           | 60.35                 | 53.98 | 16.37 | 0.24                   | 54.22                  | 16.61 | 60.48         | 50.48 | 6.26        | 33.87 |
| Neutral     | 399.4           | 53.96                 | 46.64 | 9.82  | 0.25                   | 46.89                  | 10.07 | 57.87         | 47.87 | 10.97       | 37.79 |
| Neutral     | 796.3           | 43.88                 | 30.75 | 4.79  | 0.23                   | 30.98                  | 5.02  | 56.00         | 46.00 | 25.02       | 40.98 |
| Neutral     | 18210           | 41.29                 | 37.39 | 26.42 | 1.10                   | 38.49                  | 27.52 | 60.00         | 50.00 | 21.51       | 22.48 |

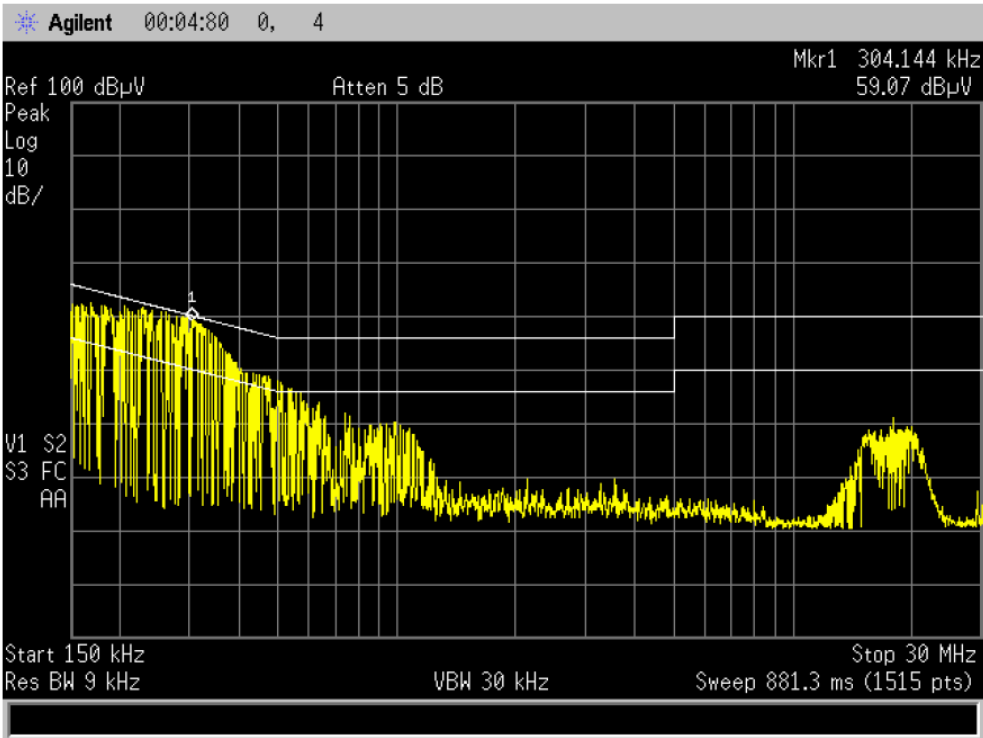


Figure 6J-9 – Radio on Tx Line/Phase 851.0125 MHz

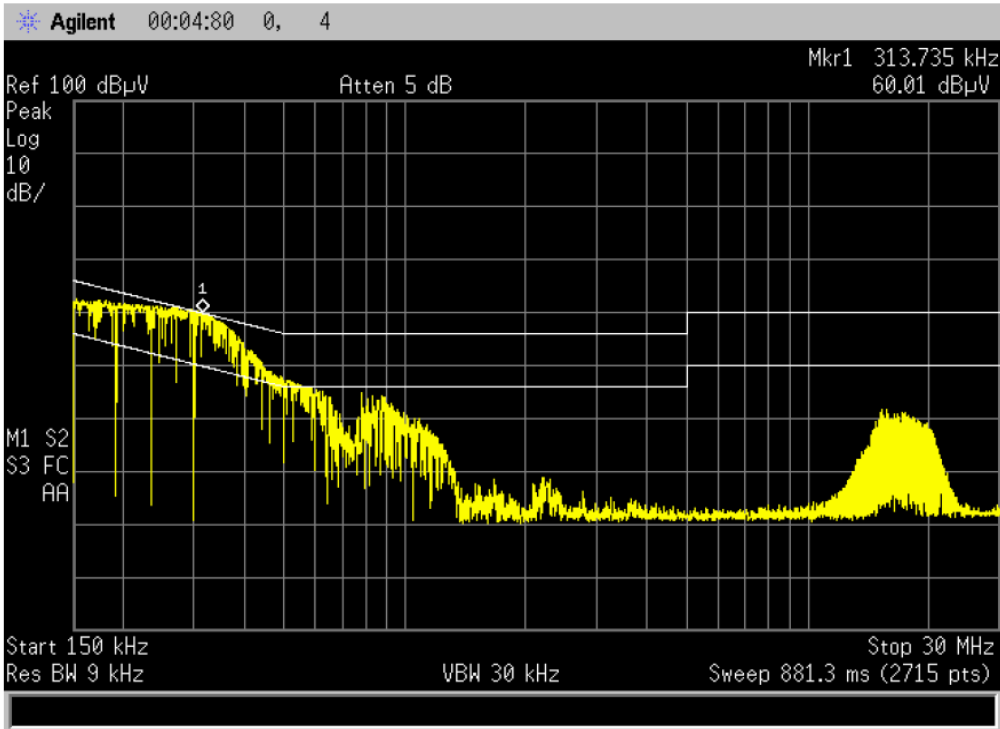


Figure 6J-10 – Radio on Tx Line/Neutral 851.0125 MHz

Table 6J-5: XPR 6580 IS CSA 8/900 (Tx 851.0125 MHz)

| Line Tested | Frequency (kHz) | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             |                 | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 153.2           | 62.80                 | 56.39 | 20.69 | 0.23                   | 56.62                  | 20.92 | 65.82         | 55.82 | 9.21        | 34.91 |
| Phase       | 213.4           | 62.25                 | 55.77 | 16.69 | 0.23                   | 56.00                  | 16.92 | 63.07         | 53.07 | 7.07        | 36.15 |
| Phase       | 303.16          | 59.64                 | 53.55 | 19.48 | 0.20                   | 53.75                  | 19.68 | 60.16         | 50.16 | 6.41        | 30.48 |
| Phase       | 418             | 49.92                 | 43.46 | 16.36 | 0.22                   | 43.68                  | 16.58 | 57.49         | 47.49 | 13.81       | 30.91 |
| Phase       | 743             | 41.56                 | 31.56 | 11.60 | 0.21                   | 31.77                  | 11.81 | 56.00         | 46.00 | 24.23       | 34.19 |
| Phase       | 17795           | 38.56                 | 35.08 | 25.95 | 1.06                   | 36.14                  | 27.01 | 60.00         | 50.00 | 23.86       | 22.99 |
| Neutral     | 159.7           | 62.30                 | 56.2  | 19.20 | 0.28                   | 56.48                  | 19.48 | 65.48         | 55.48 | 9.00        | 36.00 |
| Neutral     | 216.3           | 61.64                 | 55.57 | 18.61 | 0.28                   | 55.85                  | 18.89 | 62.96         | 52.96 | 7.11        | 34.07 |
| Neutral     | 310.4           | 60.18                 | 53.53 | 16.11 | 0.24                   | 53.77                  | 16.35 | 59.96         | 49.96 | 6.19        | 33.61 |
| Neutral     | 422.8           | 52.31                 | 44.43 | 12.75 | 0.24                   | 44.67                  | 12.99 | 57.39         | 47.39 | 12.72       | 34.40 |
| Neutral     | 737.6           | 37.00                 | 28.34 | 5.67  | 0.25                   | 28.59                  | 5.92  | 56.00         | 46.00 | 27.41       | 40.08 |
| Neutral     | 17797           | 41.22                 | 37.22 | 26.26 | 1.06                   | 38.28                  | 27.32 | 60.00         | 50.00 | 21.72       | 22.68 |

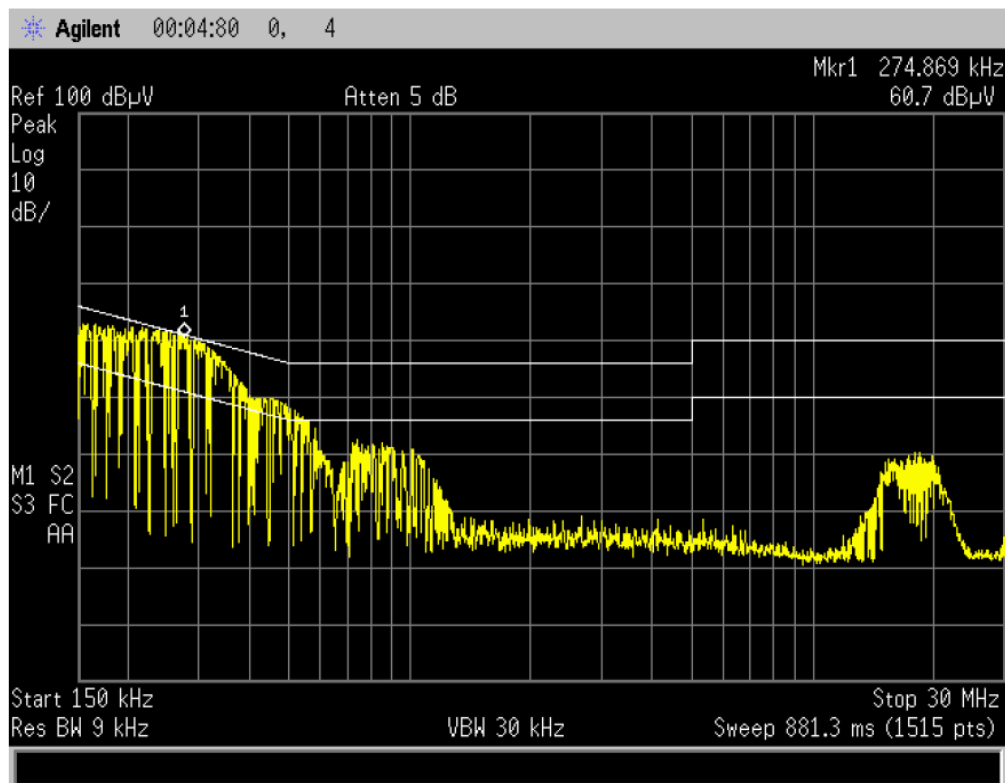


Figure 6J-11– Radio on Tx Line/Phase 860.0125 MHz

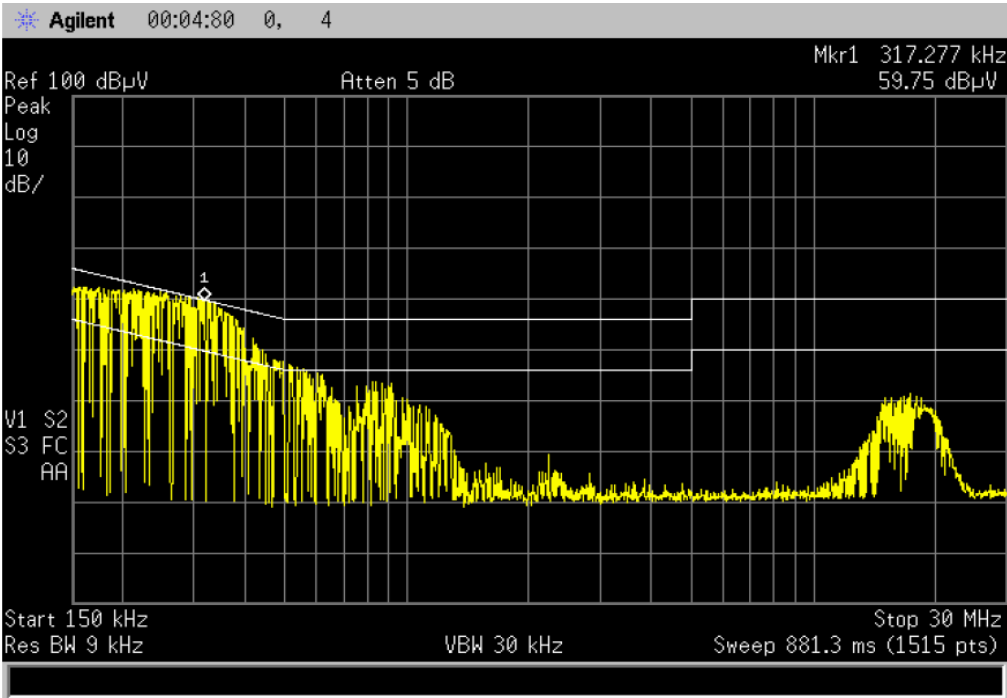


Figure 6J-12– Radio on Tx Line/Neutral 860.0125 MHz

Table 6J-6: XPR 6580 IS CSA 8/900 (Tx 860.0125 MHz)

| Line Tested | Frequency | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             | (kHz)     | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 163.7     | 62.86                 | 56.25 | 22.16 | 0.23                   | 56.48                  | 22.39 | 65.27         | 55.27 | 8.80        | 32.89 |
| Phase       | 231.3     | 61.99                 | 55.44 | 19.57 | 0.23                   | 55.67                  | 19.80 | 62.40         | 52.40 | 6.74        | 32.61 |
| Phase       | 298.1     | 60.24                 | 54.07 | 19.21 | 0.20                   | 54.27                  | 19.41 | 60.30         | 50.30 | 6.03        | 30.89 |
| Phase       | 448.1     | 50.01                 | 42.52 | 14.29 | 0.22                   | 42.74                  | 14.51 | 56.91         | 46.91 | 14.17       | 32.40 |
| Phase       | 866.9     | 40.47                 | 33.35 | 11.17 | 0.20                   | 33.55                  | 11.37 | 56.00         | 46.00 | 22.45       | 34.63 |
| Phase       | 18128     | 38.07                 | 34.46 | 24.55 | 1.12                   | 35.58                  | 25.67 | 60.00         | 50.00 | 24.42       | 24.33 |
| Neutral     | 168.9     | 62.10                 | 56.18 | 22.94 | 0.28                   | 56.46                  | 23.22 | 65.01         | 55.01 | 8.55        | 31.79 |
| Neutral     | 233.4     | 61.51                 | 55.42 | 18.92 | 0.28                   | 55.70                  | 19.20 | 62.33         | 52.33 | 6.62        | 33.12 |
| Neutral     | 289.4     | 60.84                 | 54.29 | 17.37 | 0.24                   | 54.53                  | 17.61 | 60.54         | 50.54 | 6.02        | 32.94 |
| Neutral     | 452.1     | 49.47                 | 42.48 | 10.10 | 0.24                   | 42.72                  | 10.34 | 56.84         | 46.84 | 14.11       | 36.49 |
| Neutral     | 871.8     | 43.91                 | 34.03 | 6.09  | 0.25                   | 34.28                  | 6.34  | 56.00         | 46.00 | 21.72       | 39.66 |
| Neutral     | 18130     | 40.73                 | 35.65 | 25.09 | 1.10                   | 36.75                  | 26.19 | 60.00         | 50.00 | 23.25       | 23.81 |

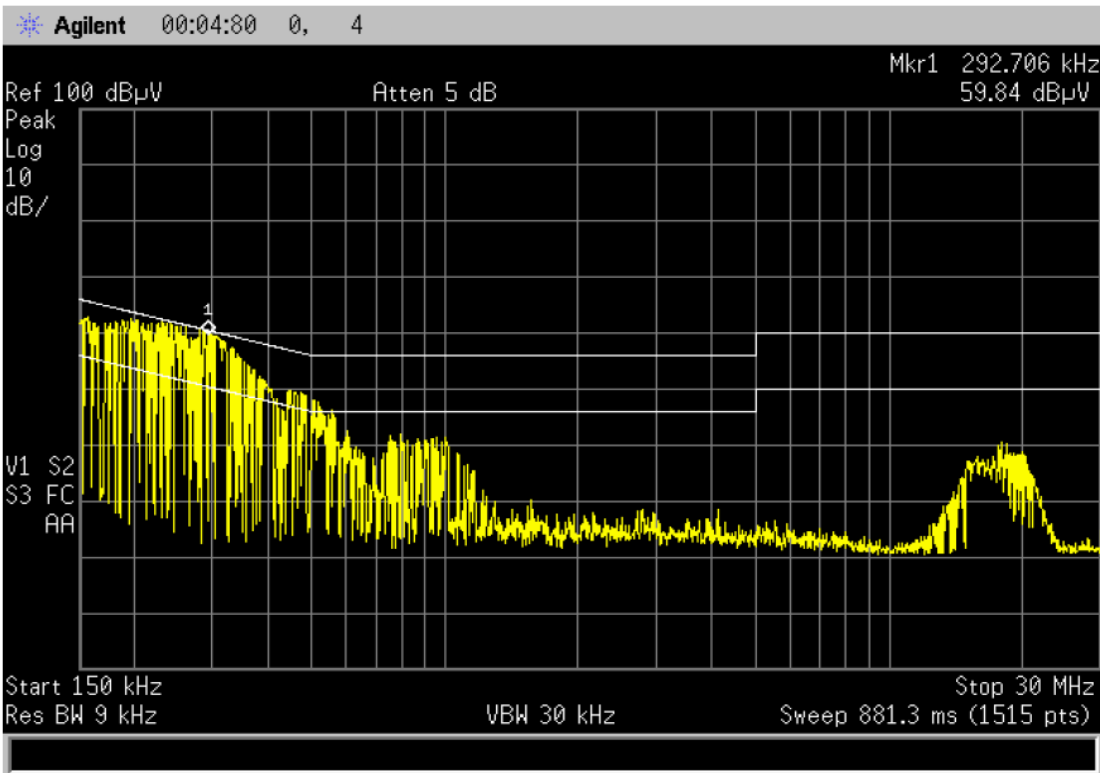


Figure 6J-13– Radio on Tx Line/Phase 869 MHz

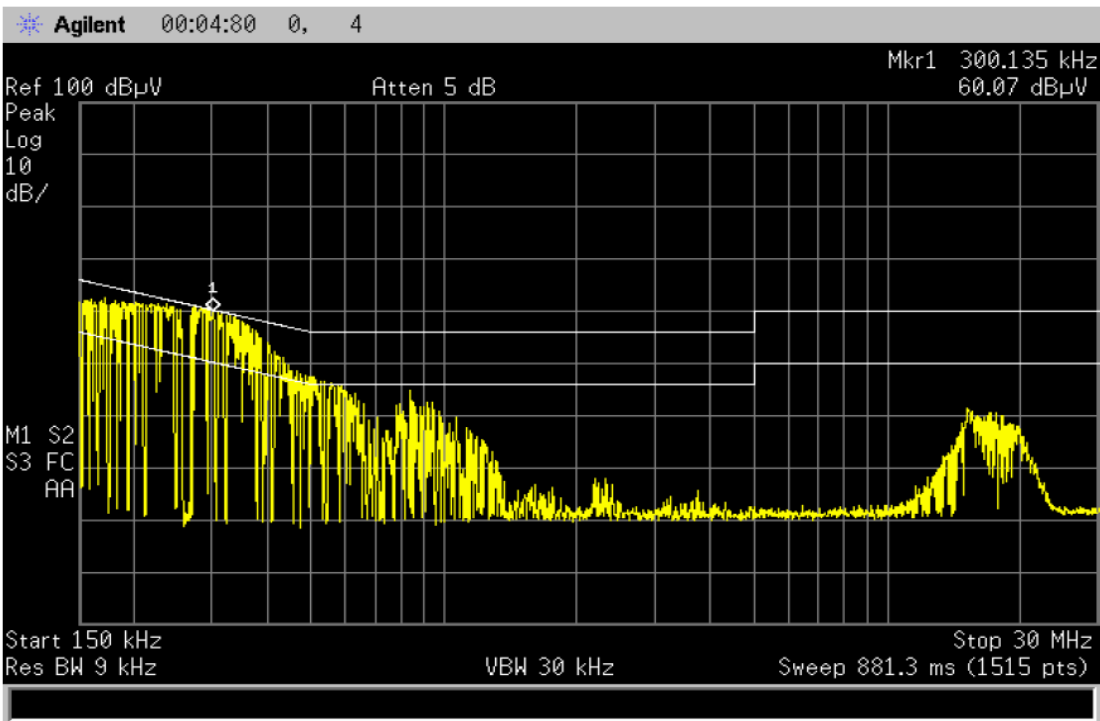


Figure 6J-14– Radio on Tx Line/Neutral 869 MHz

Table 6J-7: XPR 6580 IS CSA 8/900 (Tx 869 MHz)

| Line Tested | Frequency (kHz) | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             |                 | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 154.3           | 62.76                 | 56.56 | 21.44 | 0.23                   | 56.79                  | 21.67 | 65.77         | 55.77 | 8.98        | 34.10 |
| Phase       | 240             | 61.61                 | 55.26 | 20.28 | 0.20                   | 55.46                  | 20.48 | 62.10         | 52.10 | 6.64        | 31.62 |
| Phase       | 291.9           | 60.13                 | 53.93 | 19.12 | 0.20                   | 54.13                  | 19.32 | 60.47         | 50.47 | 6.35        | 31.16 |
| Phase       | 482.2           | 49.36                 | 41.87 | 13.86 | 0.22                   | 42.09                  | 14.08 | 56.30         | 46.30 | 14.22       | 32.23 |
| Phase       | 18780           | 38.81                 | 35.88 | 25.22 | 1.12                   | 37.00                  | 26.34 | 60.00         | 50.00 | 23.00       | 23.66 |
| Phase       | 15276           | 38.30                 | 34.61 | 26.93 | 0.97                   | 35.58                  | 27.90 | 60.00         | 50.00 | 24.42       | 22.10 |
| Neutral     | 157.6           | 62.22                 | 56.48 | 19.70 | 0.28                   | 56.76                  | 19.98 | 65.59         | 55.59 | 8.83        | 35.61 |
| Neutral     | 227.9           | 61.44                 | 55.48 | 18.60 | 0.28                   | 55.76                  | 18.88 | 62.53         | 52.53 | 6.76        | 33.64 |
| Neutral     | 295.2           | 60.65                 | 54.09 | 17.11 | 0.24                   | 54.33                  | 17.35 | 60.38         | 50.38 | 6.05        | 33.03 |
| Neutral     | 488.5           | 47.83                 | 41.46 | 9.67  | 0.24                   | 41.70                  | 9.91  | 56.19         | 46.19 | 14.49       | 36.28 |
| Neutral     | 907.8           | 43.03                 | 34.38 | 5.91  | 0.25                   | 34.63                  | 6.16  | 56.00         | 46.00 | 21.37       | 39.84 |
| Neutral     | 15270           | 39.95                 | 37.82 | 30.18 | 0.98                   | 38.80                  | 31.16 | 60.00         | 50.00 | 21.20       | 18.84 |

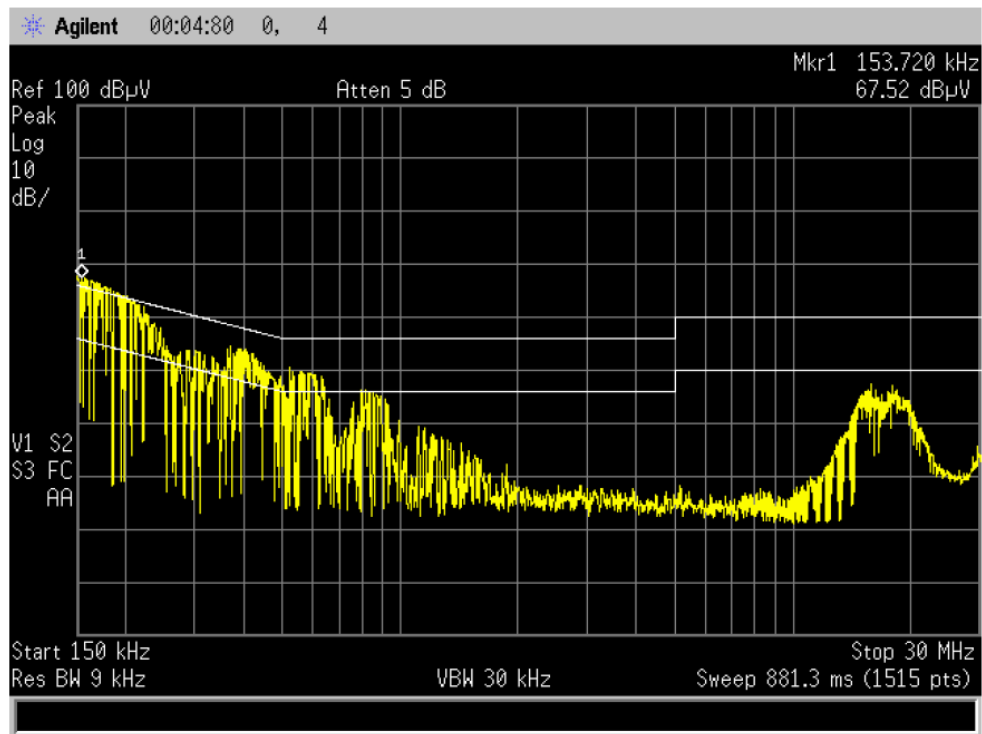


Figure 6J-15– Radio on Tx Line/Phase 896.0125 MHz

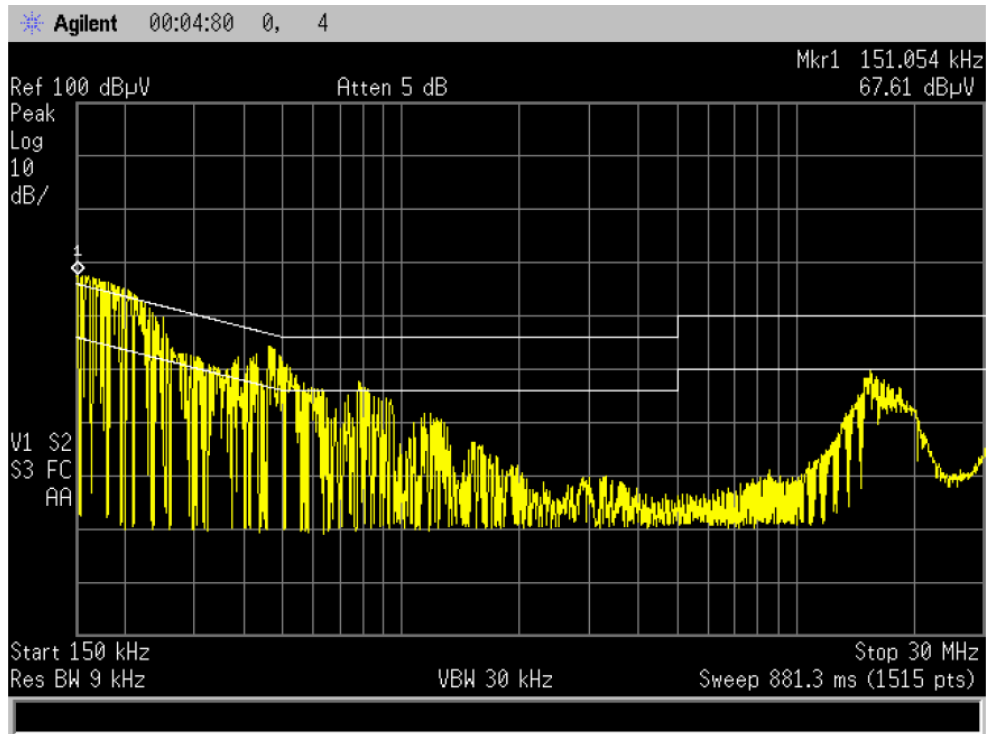


Figure 6J-16– Radio on Tx Line/Neutral 896.0125 MHz

Table 6J-8: XPR 6580 IS CSA 8/900 (Tx 896.0125 MHz)

| Line Tested | Frequency (kHz) | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             |                 | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 153.6           | 67.81                 | 61.83 | 24.76 | 0.23                   | 62.06                  | 24.99 | 65.80         | 55.80 | 3.75        | 30.82 |
| Phase       | 175.9           | 66.18                 | 60.43 | 24.17 | 0.23                   | 60.66                  | 24.40 | 64.68         | 54.68 | 4.02        | 30.28 |
| Phase       | 295.2           | 53.67                 | 45.6  | 13.43 | 0.20                   | 45.80                  | 13.63 | 60.38         | 50.38 | 14.58       | 36.75 |
| Phase       | 460.9           | 50.42                 | 43.36 | 14.32 | 0.22                   | 43.58                  | 14.54 | 56.68         | 46.68 | 13.10       | 32.14 |
| Phase       | 782.1           | 46.42                 | 35.98 | 11.02 | 0.21                   | 36.19                  | 11.23 | 56.00         | 46.00 | 19.81       | 34.77 |
| Phase       | 15910           | 47.15                 | 43.3  | 33.55 | 0.97                   | 44.27                  | 34.52 | 60.00         | 50.00 | 15.73       | 15.48 |
| Neutral     | 154.7           | 67.93                 | 61.91 | 24.31 | 0.28                   | 62.19                  | 24.59 | 65.74         | 55.74 | 3.55        | 31.15 |
| Neutral     | 184.4           | 66.38                 | 59.92 | 22.10 | 0.28                   | 60.20                  | 22.38 | 64.29         | 54.29 | 4.08        | 31.90 |
| Neutral     | 297.7           | 52.36                 | 44.25 | 8.21  | 0.24                   | 44.49                  | 8.44  | 60.31         | 50.31 | 15.82       | 41.86 |
| Neutral     | 462.5           | 54.05                 | 46.23 | 7.04  | 0.24                   | 46.47                  | 7.28  | 56.65         | 46.65 | 10.17       | 39.36 |
| Neutral     | 778.6           | 46.16                 | 38.28 | 5.22  | 0.23                   | 38.51                  | 5.45  | 56.00         | 46.00 | 17.49       | 40.55 |
| Neutral     | 15910           | 49.30                 | 44.84 | 36.69 | 0.98                   | 45.82                  | 37.67 | 60.00         | 50.00 | 14.18       | 12.33 |

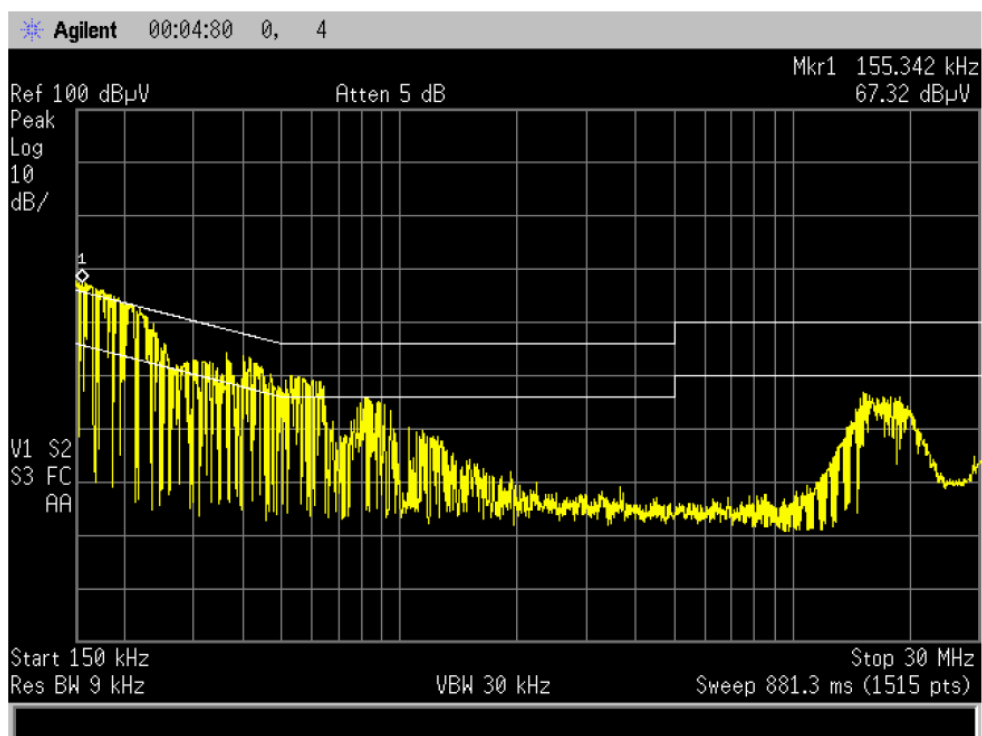


Figure 6J-17– Radio on Tx Line/Phase 900.9875 MHz

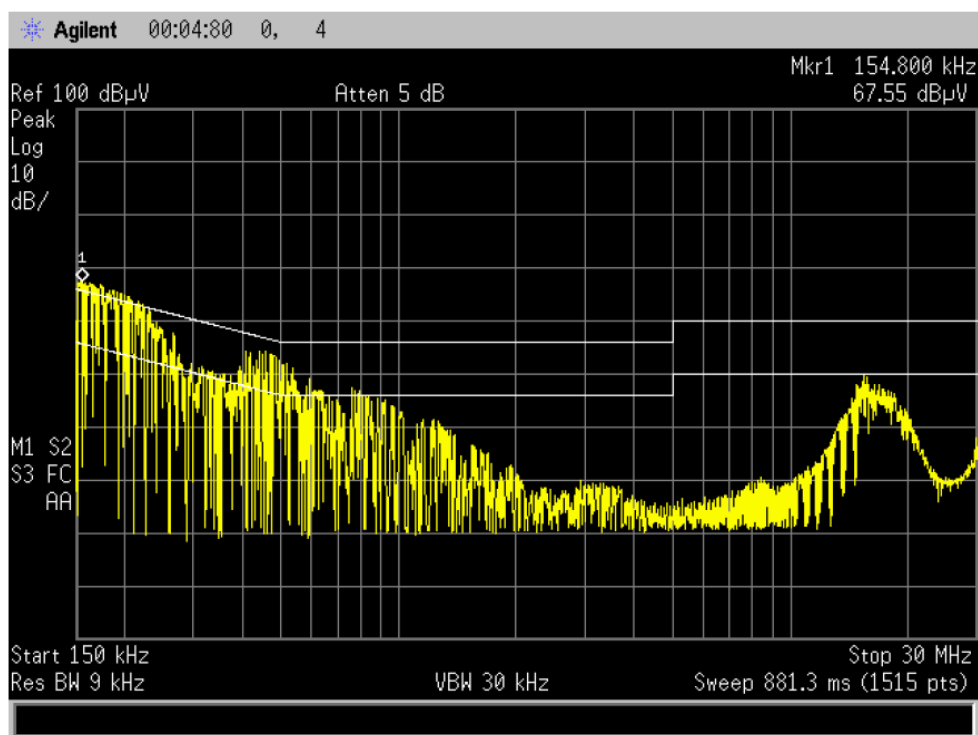
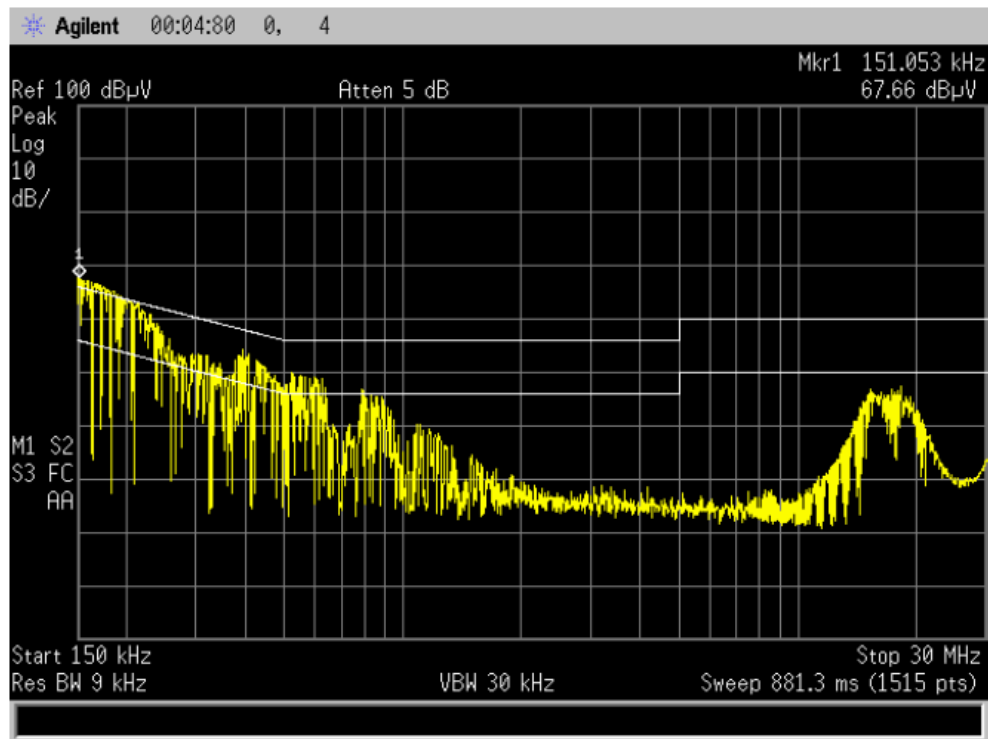


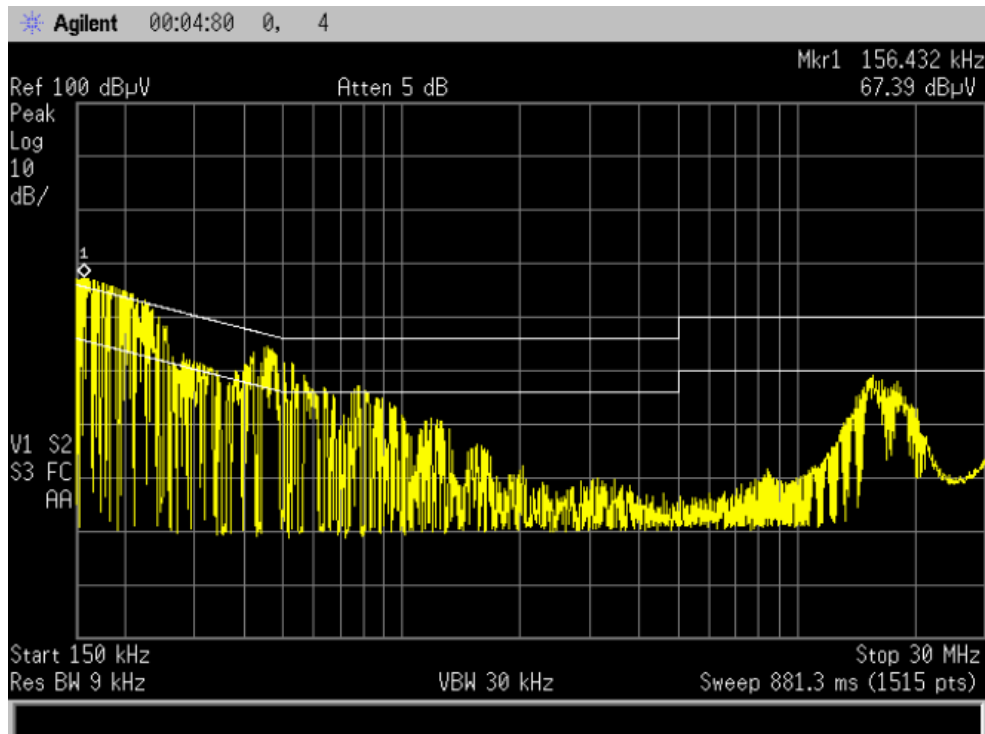
Figure 6J-18– Radio on Tx Line/Neutral 900.9875 MHz

Table 6J-9: XPR 6580 IS CSA 8/900 (Tx 900.9875 MHz)

| Line Tested | Frequency | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             | (kHz)     | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 150.4     | 67.84                 | 61.87 | 24.60 | 0.23                   | 62.10                  | 24.83 | 65.98         | 55.98 | 3.88        | 31.15 |
| Phase       | 197.7     | 64.36                 | 58.52 | 22.19 | 0.23                   | 58.75                  | 22.42 | 63.71         | 53.71 | 4.96        | 31.29 |
| Phase       | 396.6     | 54.01                 | 43.8  | 14.03 | 0.23                   | 44.03                  | 14.26 | 57.92         | 47.92 | 13.89       | 33.66 |
| Phase       | 647.7     | 44.31                 | 37.09 | 11.77 | 0.21                   | 37.30                  | 11.98 | 56.00         | 46.00 | 18.70       | 34.02 |
| Phase       | 760.1     | 41.56                 | 32.31 | 13.66 | 0.21                   | 32.52                  | 13.87 | 56.00         | 46.00 | 23.48       | 32.13 |
| Phase       | 15318     | 46.80                 | 43.9  | 34.44 | 0.97                   | 44.87                  | 35.41 | 60.00         | 50.00 | 15.13       | 14.59 |
| Neutral     | 150.8     | 67.69                 | 62.02 | 24.66 | 0.28                   | 62.30                  | 24.94 | 65.96         | 55.96 | 3.65        | 31.01 |
| Neutral     | 193.9     | 65.61                 | 59.19 | 20.80 | 0.28                   | 59.47                  | 21.08 | 63.87         | 53.87 | 4.39        | 32.78 |
| Neutral     | 399.8     | 51.84                 | 42.98 | 8.00  | 0.25                   | 43.23                  | 8.25  | 57.86         | 47.86 | 14.62       | 39.60 |
| Neutral     | 627.6     | 46.62                 | 39.12 | 6.75  | 0.24                   | 39.36                  | 6.99  | 56.00         | 46.00 | 16.64       | 39.01 |
| Neutral     | 755       | 46.04                 | 34.49 | 13.10 | 0.23                   | 34.72                  | 13.33 | 56.00         | 46.00 | 21.28       | 32.67 |
| Neutral     | 15320     | 50.11                 | 46.56 | 37.72 | 0.98                   | 47.54                  | 38.70 | 60.00         | 50.00 | 12.46       | 11.30 |



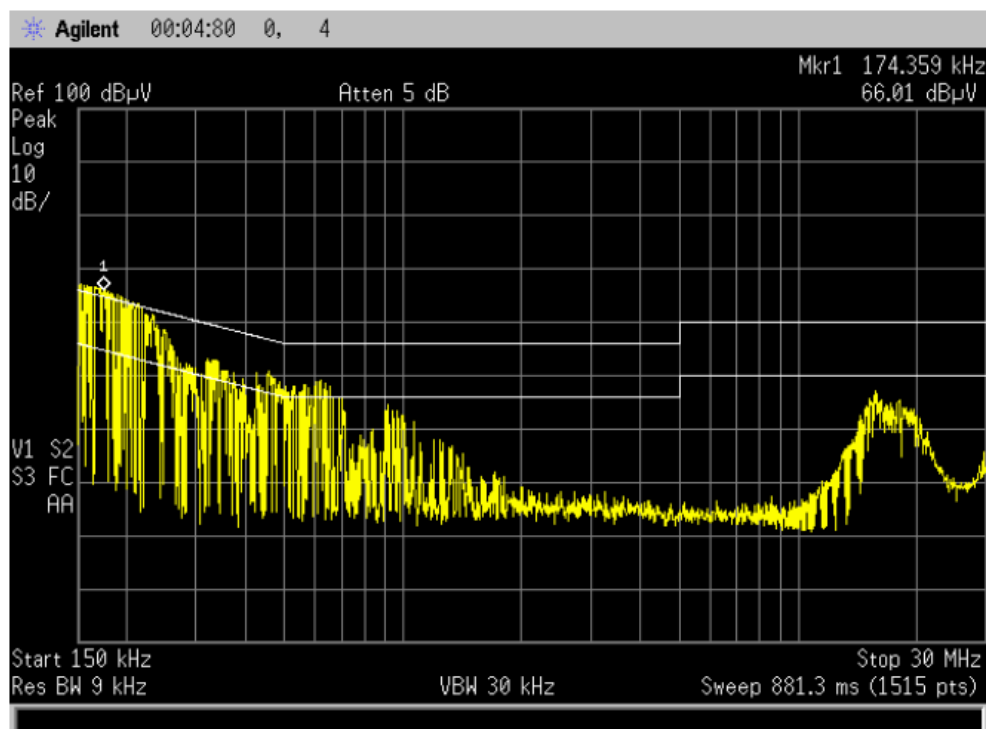
6J-19– Radio on Tx Line/Phase 935.0125 MHz



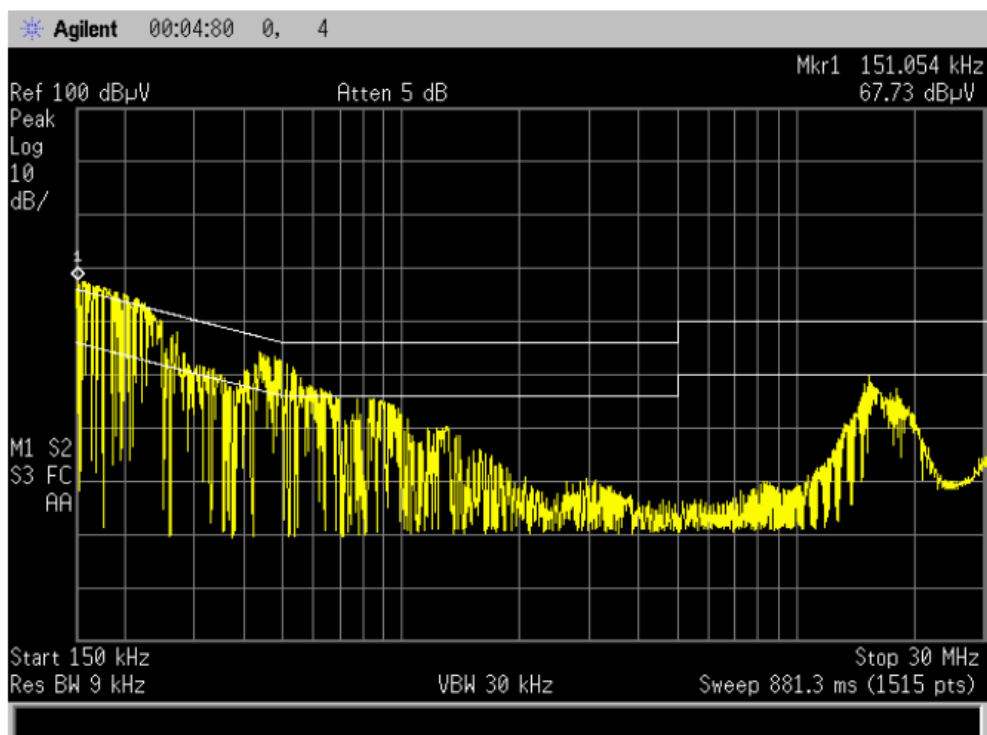
6J-20– Radio on Tx Line/Neutral 935.0125 MHz

Table 6J-10: XPR 6580 IS CSA 8/900 (Tx 935.0125 MHz)

| Line Tested | Frequency (kHz) | Recorded Value (dB $\mu$ V) |       |       | Correction Factor (dB) | Corrected Value (dB $\mu$ V) |       | Limits (dB $\mu$ V) |       | Margin (dB) |       |
|-------------|-----------------|-----------------------------|-------|-------|------------------------|------------------------------|-------|---------------------|-------|-------------|-------|
|             |                 | Peak                        | QP    | Avg   |                        | Peak                         | Avg   | QP                  | Avg   | QP          | Avg   |
| Phase       | 163.2           | 66.48                       | 60.11 | 23.46 | 0.23                   | 60.34                        | 23.69 | 65.30               | 55.30 | 4.96        | 31.61 |
| Phase       | 404.6           | 50.32                       | 41.86 | 12.72 | 0.23                   | 42.09                        | 12.95 | 57.76               | 47.76 | 15.67       | 34.81 |
| Phase       | 543.5           | 47.68                       | 40.71 | 13.63 | 0.21                   | 40.92                        | 13.84 | 56.00               | 46.00 | 15.08       | 32.16 |
| Phase       | 794.7           | 45.11                       | 33.57 | 10.72 | 0.21                   | 33.78                        | 10.93 | 56.00               | 46.00 | 22.22       | 35.07 |
| Phase       | 892.6           | 35.51                       | 23.13 | 9.89  | 0.20                   | 23.33                        | 10.09 | 56.00               | 46.00 | 32.67       | 35.91 |
| Phase       | 17600           | 45.03                       | 40.06 | 26.18 | 1.06                   | 41.12                        | 27.24 | 60.00               | 50.00 | 18.88       | 22.76 |
| Neutral     | 154             | 67.88                       | 62.05 | 24.43 | 0.28                   | 62.33                        | 24.71 | 65.78               | 55.78 | 3.45        | 31.07 |
| Neutral     | 408.7           | 51.47                       | 43.73 | 8.83  | 0.24                   | 43.97                        | 9.07  | 57.67               | 47.67 | 13.70       | 38.60 |
| Neutral     | 554             | 51.15                       | 43.01 | 7.02  | 0.25                   | 43.26                        | 7.27  | 56.00               | 46.00 | 12.74       | 38.73 |
| Neutral     | 793             | 43.09                       | 33.32 | 4.81  | 0.23                   | 33.55                        | 5.04  | 56.00               | 46.00 | 22.45       | 40.96 |
| Neutral     | 890.4           | 43.61                       | 33.18 | 2.79  | 0.25                   | 33.43                        | 3.03  | 56.00               | 46.00 | 22.57       | 42.97 |
| Neutral     | 17680           | 47.15                       | 42.4  | 28.39 | 1.06                   | 43.46                        | 29.45 | 60.00               | 50.00 | 16.54       | 20.55 |



6J-21– Radio on Tx Line/Phase 939.9875 MHz



6J-22– Radio on Tx Line/Neutral 939.9875 MHz

Table 6J-11: XPR 6580 IS CSA 8/900 (Tx 939.9875 MHz)

| Line Tested | Frequency | Recorded Value (dBμV) |       |       | Correction Factor (dB) | Corrected Value (dBμV) |       | Limits (dBμV) |       | Margin (dB) |       |
|-------------|-----------|-----------------------|-------|-------|------------------------|------------------------|-------|---------------|-------|-------------|-------|
|             | (kHz)     | Peak                  | QP    | Avg   |                        | Peak                   | Avg   | QP            | Avg   | QP          | Avg   |
| Phase       | 154.3     | 67.37                 | 61.37 | 24.91 | 0.23                   | 61.60                  | 25.14 | 65.77         | 55.77 | 4.17        | 30.63 |
| Phase       | 184.3     | 65.53                 | 59.82 | 23.75 | 0.23                   | 60.05                  | 23.98 | 64.29         | 54.29 | 4.24        | 30.31 |
| Phase       | 315.2     | 53.17                 | 45.29 | 14.22 | 0.20                   | 45.49                  | 14.42 | 59.83         | 49.83 | 14.35       | 35.42 |
| Phase       | 442.4     | 51.35                 | 43.83 | 14.70 | 0.22                   | 44.05                  | 14.92 | 57.02         | 47.02 | 12.97       | 32.10 |
| Phase       | 553.4     | 49.77                 | 41.05 | 13.66 | 0.21                   | 41.26                  | 13.87 | 56.00         | 46.00 | 14.74       | 32.13 |
| Phase       | 15322     | 47.27                 | 43.08 | 33.09 | 0.97                   | 44.05                  | 34.06 | 60.00         | 50.00 | 15.95       | 15.94 |
| Neutral     | 152.8     | 67.73                 | 61.67 | 24.72 | 0.28                   | 61.95                  | 25.00 | 65.85         | 55.85 | 3.89        | 30.84 |
| Neutral     | 169.3     | 67.02                 | 61    | 26.59 | 0.28                   | 61.28                  | 26.87 | 64.99         | 54.99 | 3.71        | 28.12 |
| Neutral     | 315.41    | 51.94                 | 44.06 | 8.25  | 0.24                   | 44.30                  | 8.48  | 59.83         | 49.83 | 15.53       | 41.35 |
| Neutral     | 442.45    | 52.44                 | 44.81 | 6.30  | 0.24                   | 45.05                  | 6.54  | 57.02         | 47.02 | 11.96       | 40.47 |
| Neutral     | 617.1     | 47.65                 | 40.45 | 8.20  | 0.24                   | 40.69                  | 8.44  | 56.00         | 46.00 | 15.31       | 37.56 |
| Neutral     | 15740     | 49.20                 | 45.26 | 36.24 | 0.98                   | 46.24                  | 37.22 | 60.00         | 50.00 | 13.76       | 12.78 |