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

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- 6F-4 – 1 Watts, 851.0125 MHz
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- 6F-9 – 2.5 Watts, 823.9875 MHz
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**EXHIBIT 6H – Frequency Stability (2 Graphs)**

- 6H-1 – Frequency Stability vs. Temperature
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**EXHIBIT 6A – RF Conducted Power Output Data** -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7) and 2.1033(c)(8)

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q100).

**At maximum output power setting, Frequency 806.0125 MHz:**

Output RF power	2.93	Watts
DC Voltage	7.5	Volts
DC Current	1.16	A
DC Input Power	8.7	Watts

**At minimum output power setting, Frequency 806.0125 MHz:**

Output RF power	1.26	Watts
DC Voltage	7.5	Volts
DC Current	0.74	A
DC Input Power	5.55	Watts

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

Output RF power	2.93	Watts
DC Voltage	7.5	Volts
DC Current	1.08	A
DC Input Power	8.1	Watts

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

Output RF power	1.21	Watts
DC Voltage	7.5	Volts
DC Current	0.68	A
DC Input Power	5.10	Watts

**At maximum output power setting, Frequency 823.9875 MHz:**

Output RF power	2.92	Watts
DC Voltage	7.5	Volts
DC Current	1.04	A
DC Input Power	7.8	Watts

**At minimum output power setting, Frequency 823.9875 MHz:**

Output RF power	1.19	Watts
DC Voltage	7.5	Volts
DC Current	0.65	A
DC Input Power	4.875	Watts

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

Output RF power	2.36	Watts
DC Voltage	7.5	Volts
DC Current	0.89	A

DC Input Power	6.675	Watts
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**At minimum output power setting, Frequency 851.0125 MHz:**

Output RF power	1.26	Watts
DC Voltage	7.5	Volts
DC Current	0.64	A
DC Input Power	4.8	Watts

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

Output RF power	2.33	Watts
DC Voltage	7.5	Volts
DC Current	0.93	A
DC Input Power	6.975	Watts

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

Output RF power	1.26	Watts
DC Voltage	7.5	Volts
DC Current	0.66	A
DC Input Power	4.95	Watts

**At maximum output power setting, Frequency 868.9875 MHz:**

Output RF power	2.33	Watts
DC Voltage	7.5	Volts
DC Current	1.01	A
DC Input Power	7.575	Watts

**At minimum output power setting, Frequency 868.9875 MHz:**

Output RF power	1.26	Watts
DC Voltage	7.5	Volts
DC Current	0.69	A
DC Input Power	5.175	Watts

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

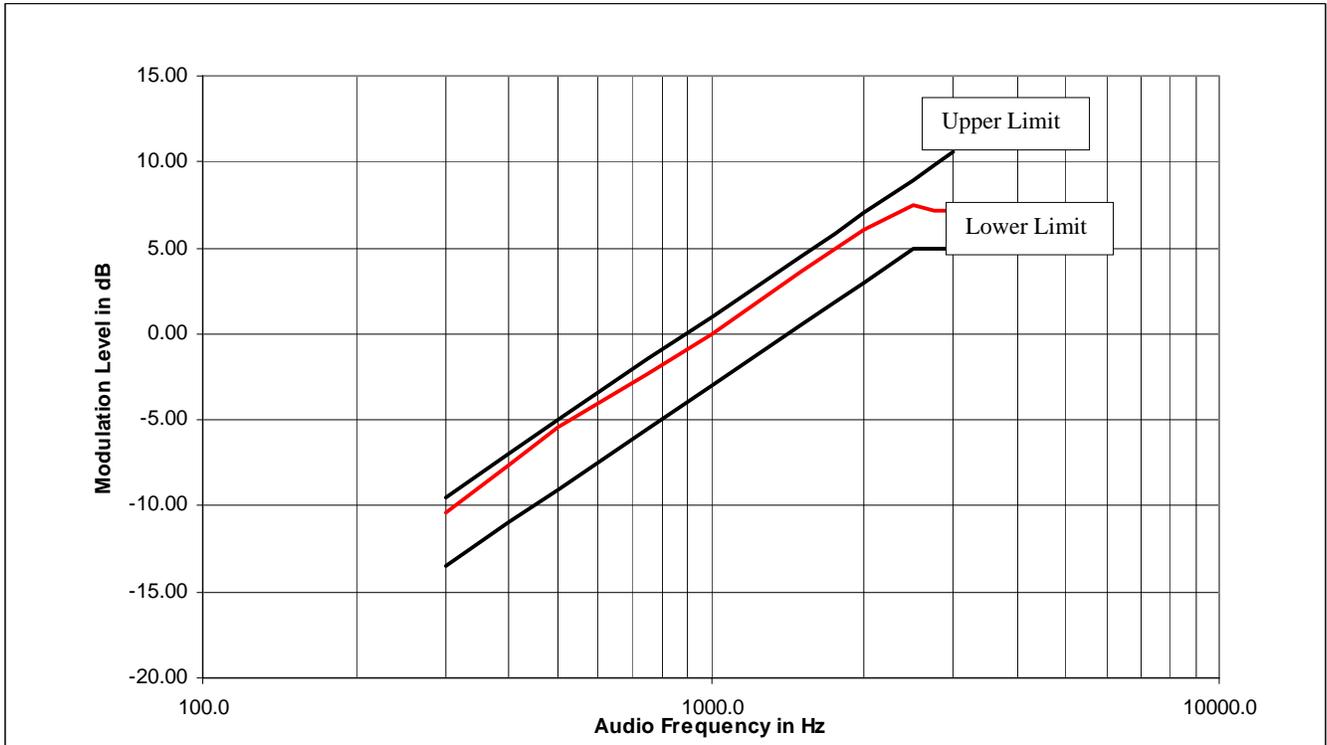


Figure 6B-1: 25 kHz Channel Spacing, Transmit Audio Response

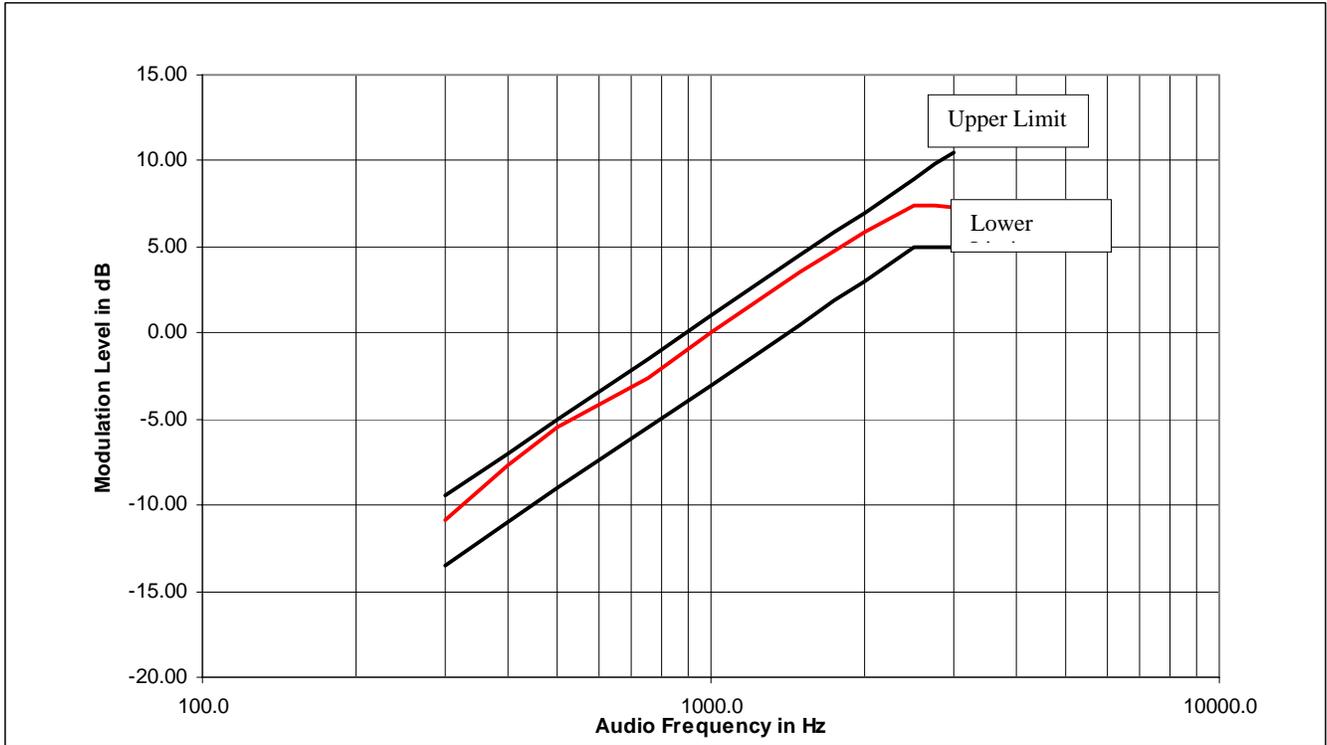


Figure 6B-2: 20 kHz Channel Spacing, Transmit Audio Response

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

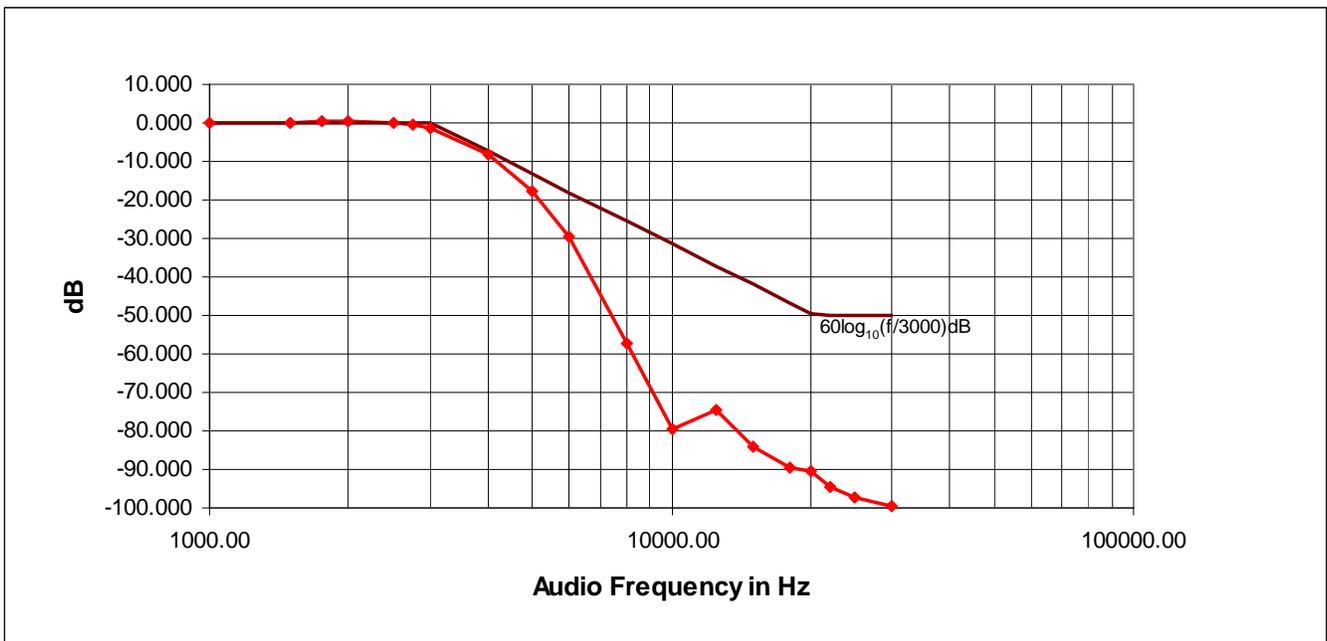


Figure 6C-1: 25 kHz Channel Spacing, Transmit Audio Post Limiter Lowpass Filter Response

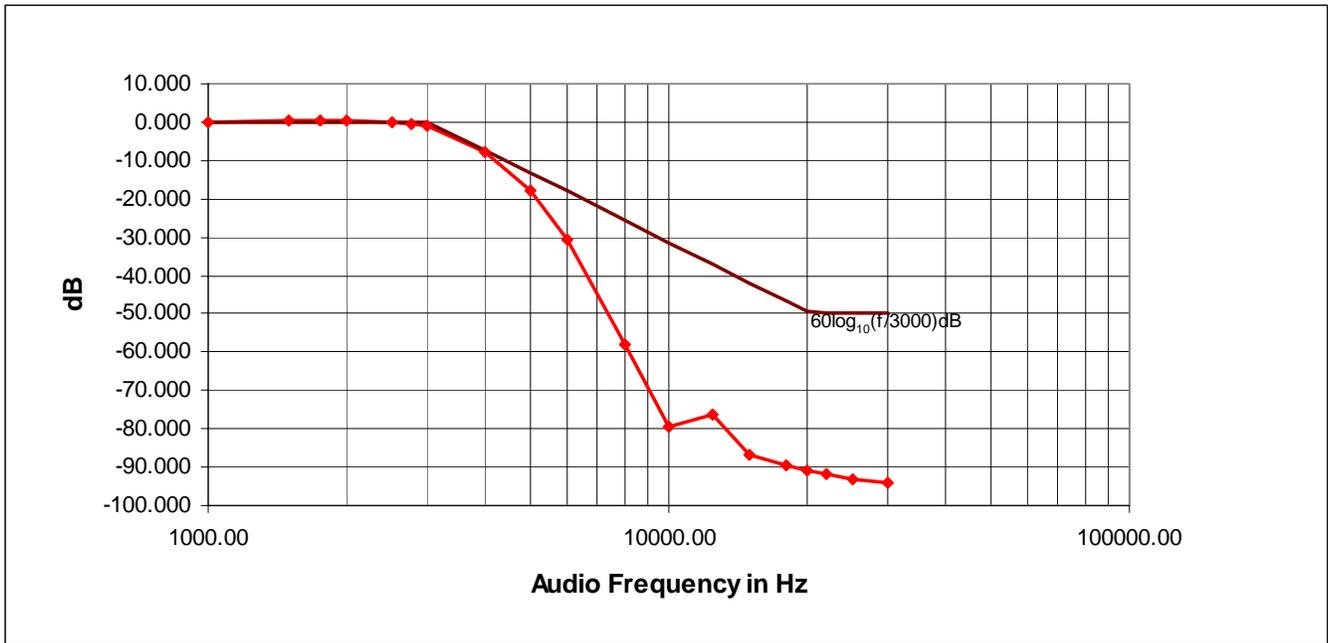


Figure 6C-2: 20 kHz Channel Spacing, Transmit Audio Post Limiter Lowpass Filter Response

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

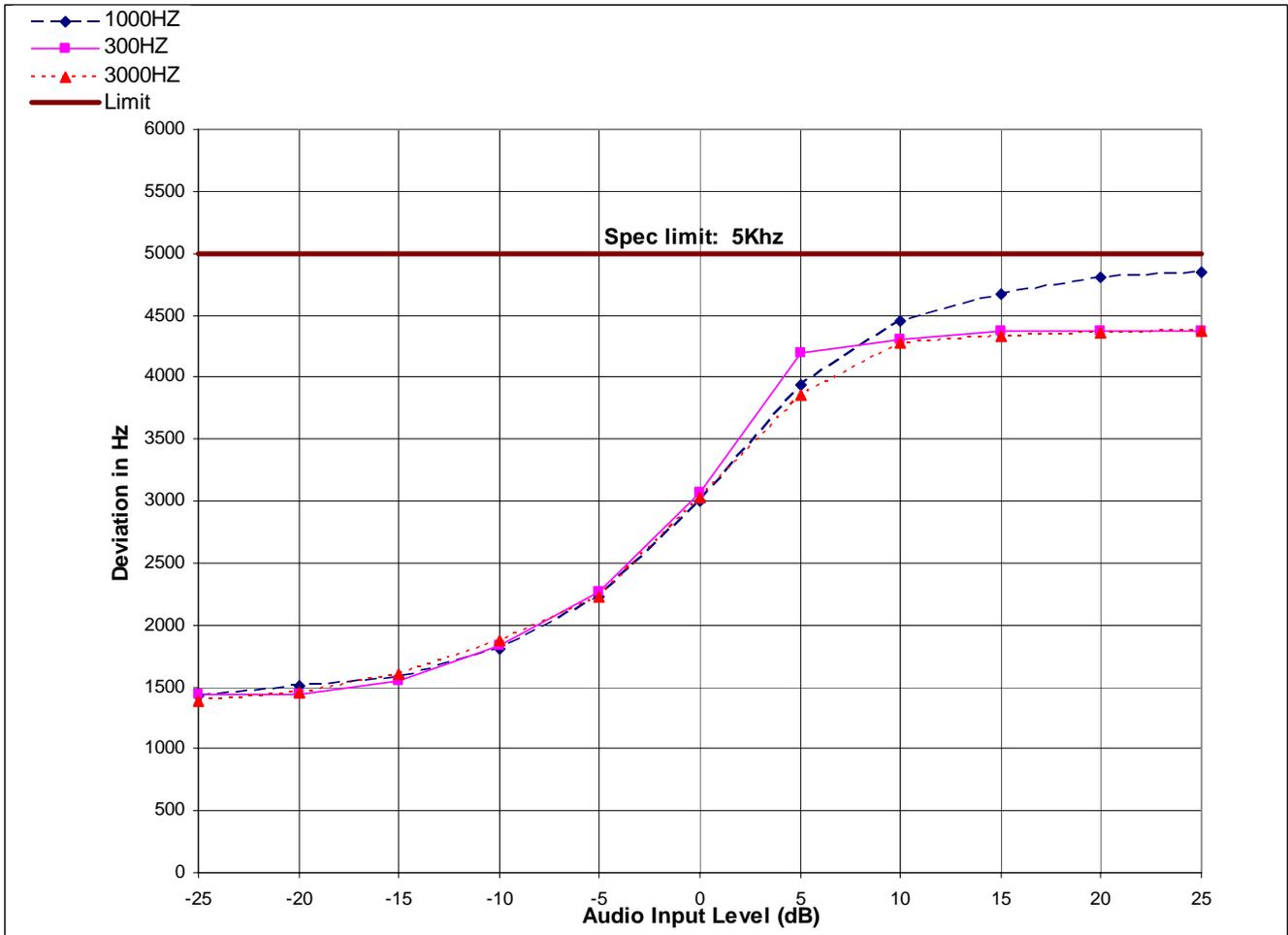


Figure 6D-1: 25 kHz Channel Spacing, Carrier Squelch Mode

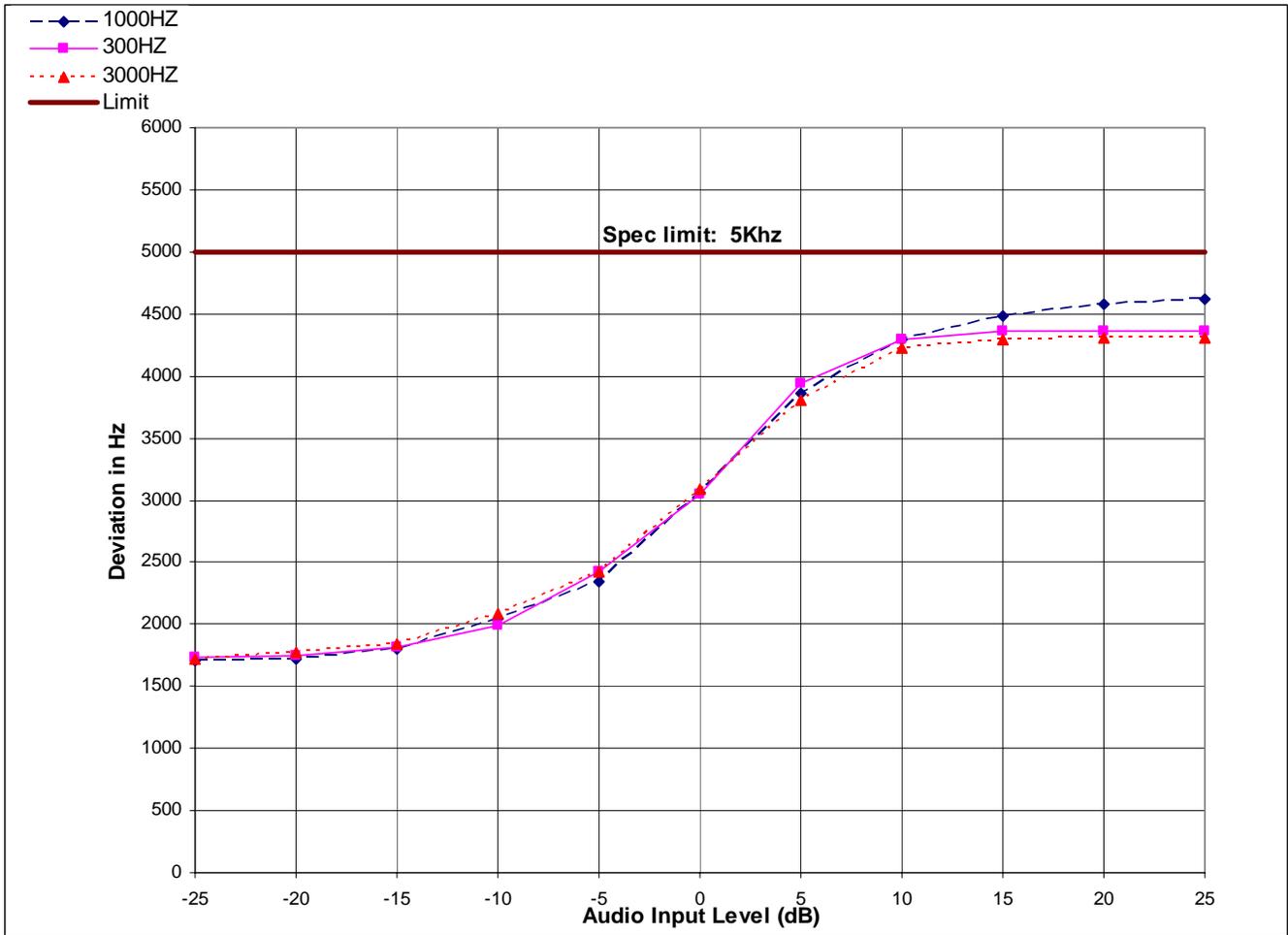


Figure 6D-2: 25 kHz Channel Spacing, Tone Private Line (TPL) Mode

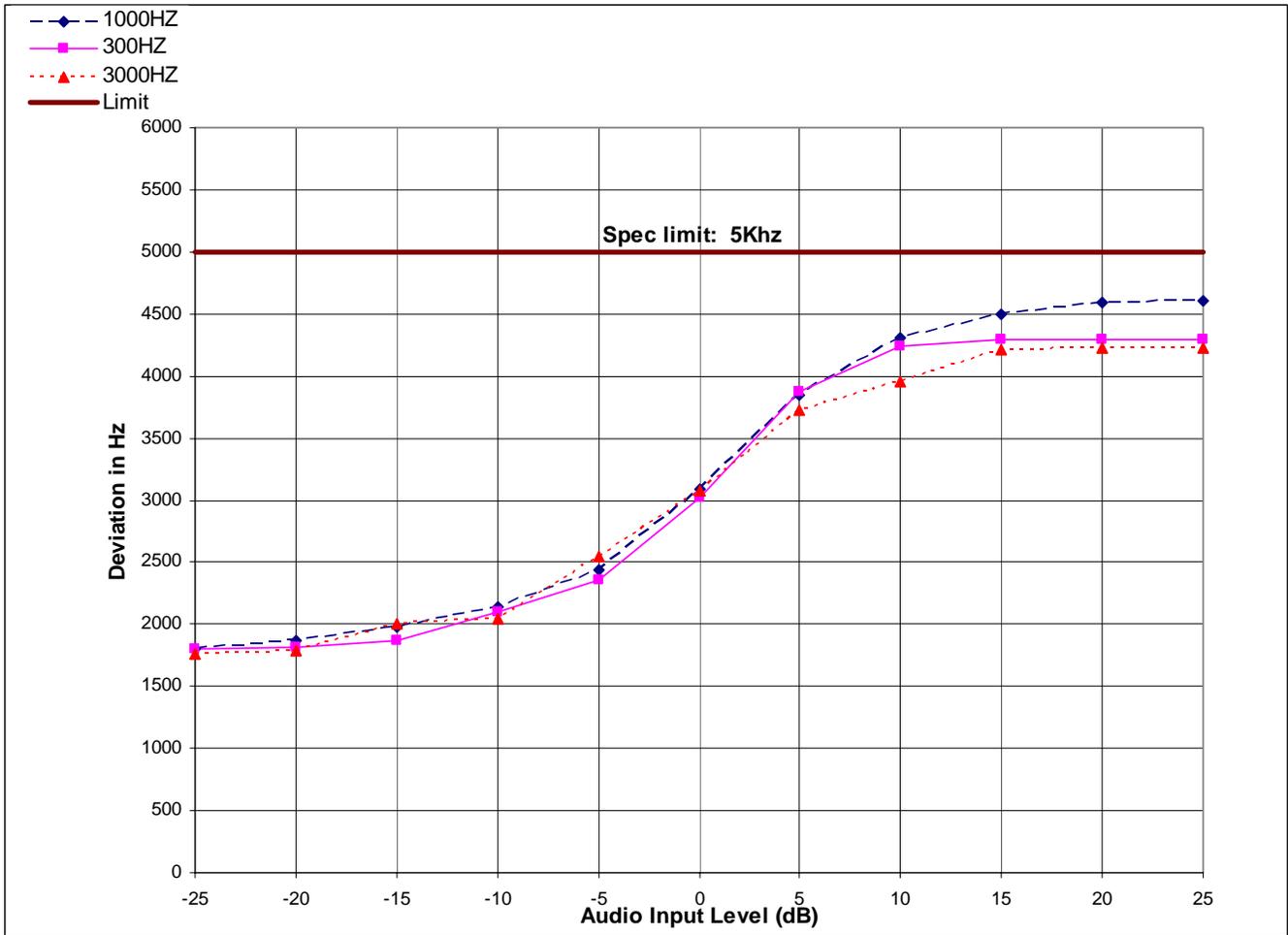


Figure 6D-3: 25 kHz Channel Spacing, Digital Private Line (DPL) Mode

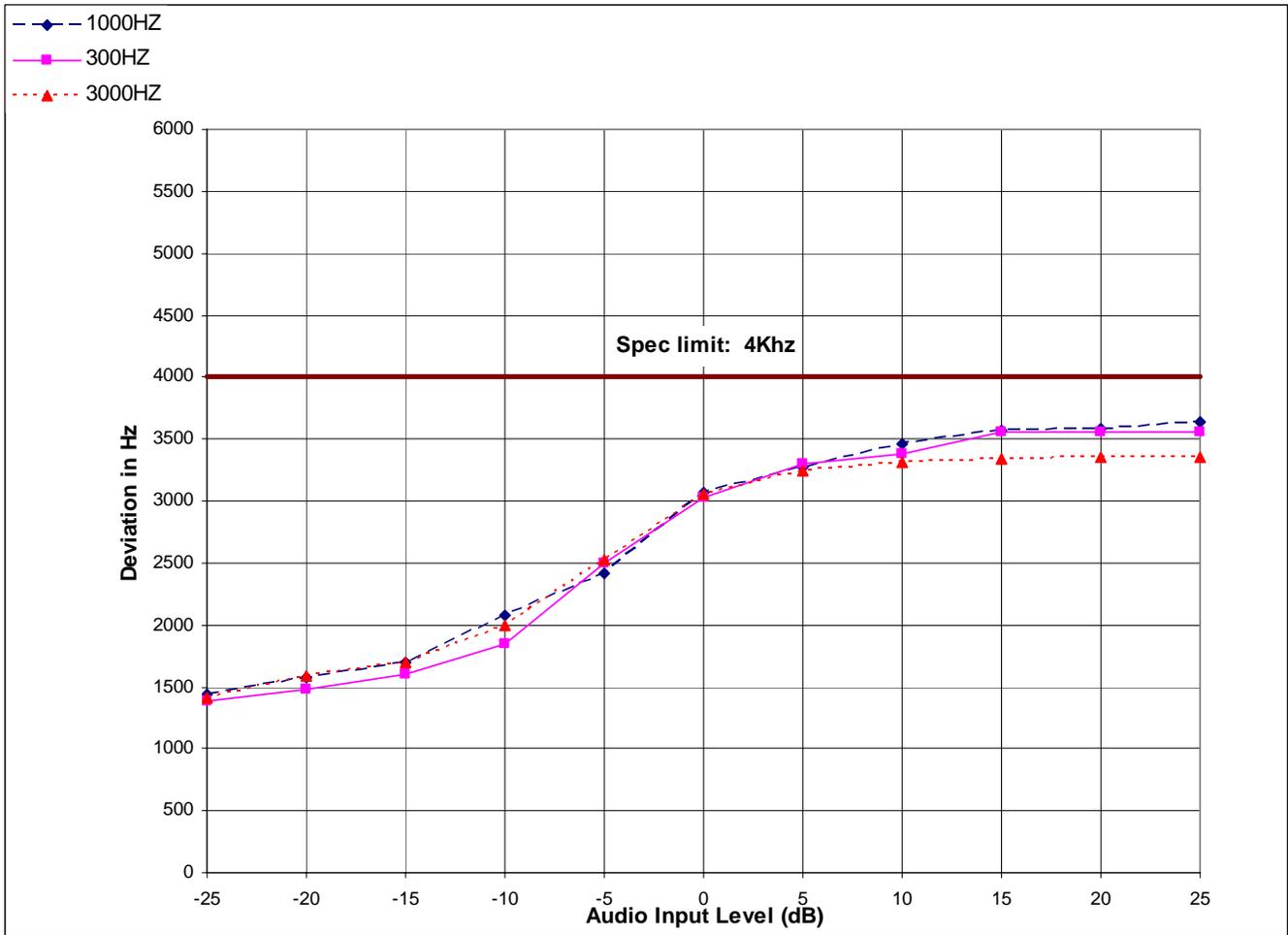


Figure 6D-4: 20 kHz Channel Spacing, Carrier Squelch Mode

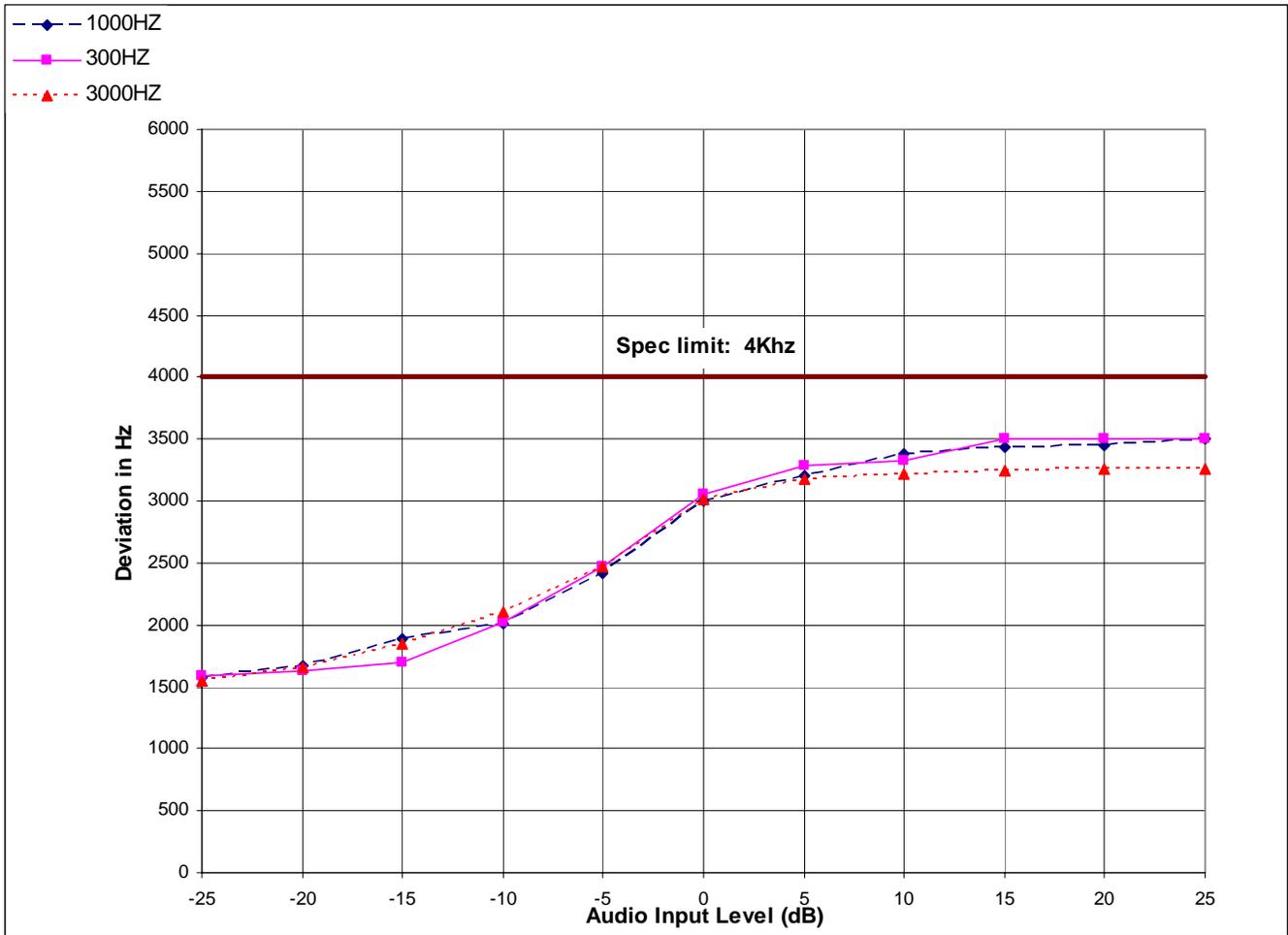


Figure 6D-5: 20 kHz Channel Spacing, Tone Private Line (TPL) Mode

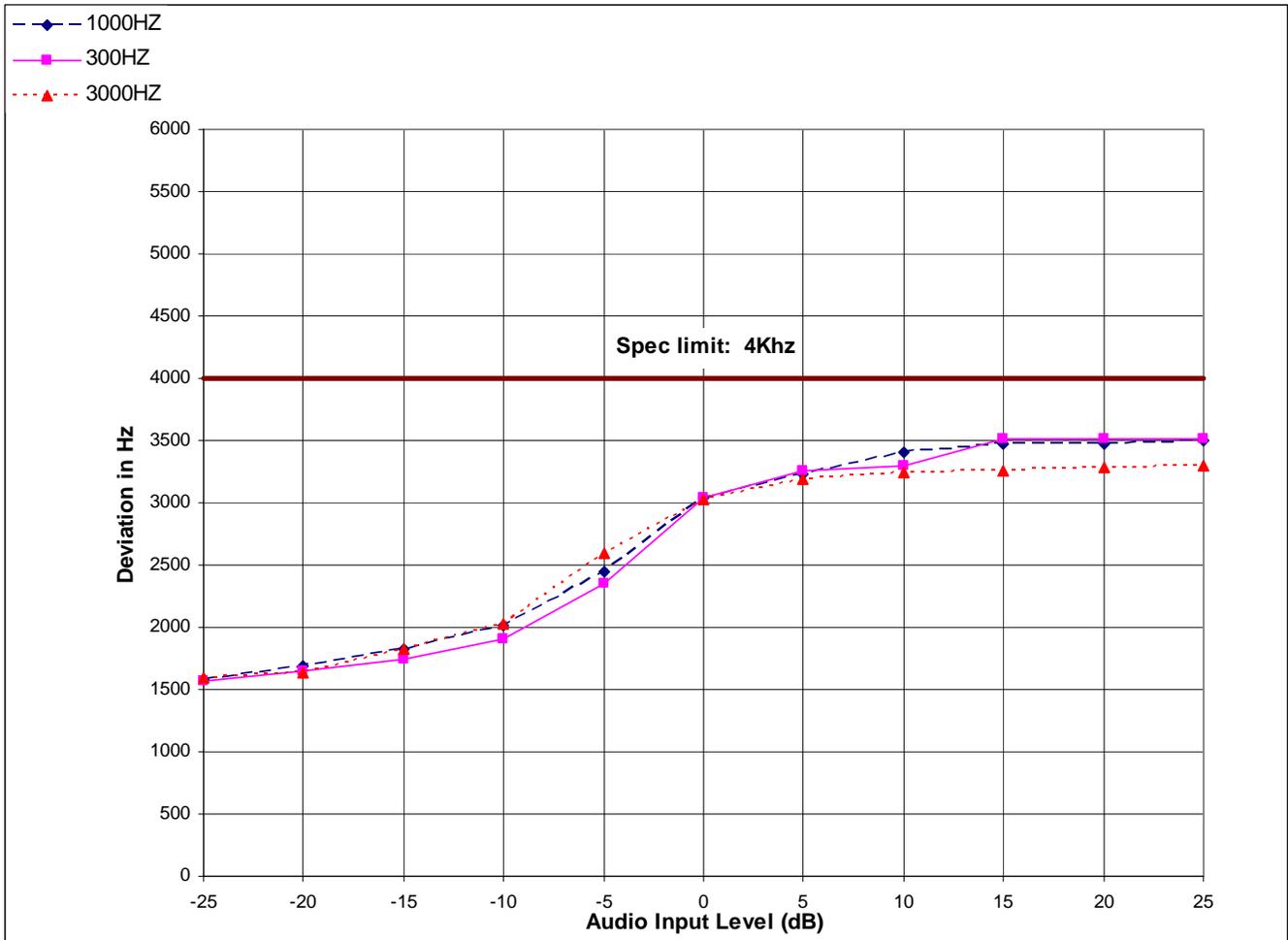


Figure 6D-6: 20 kHz Channel Spacing, Digital Private Line (DPL) Mode

EXHIBIT 6E- Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(g) and 90.691

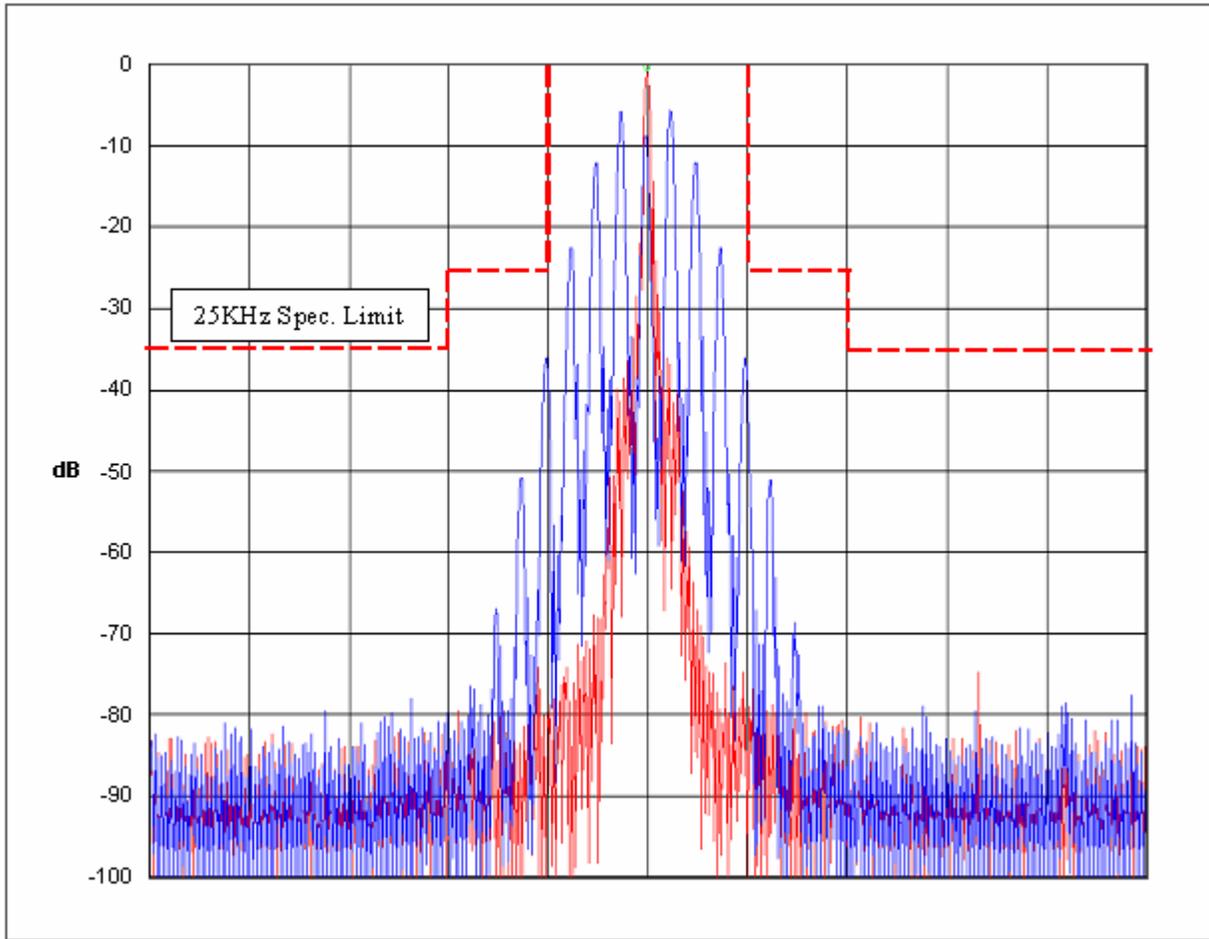


Figure 6E-1: Mask B; 25 kHz Channel Spacing, 2500 Hz Audio Modulation Only; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

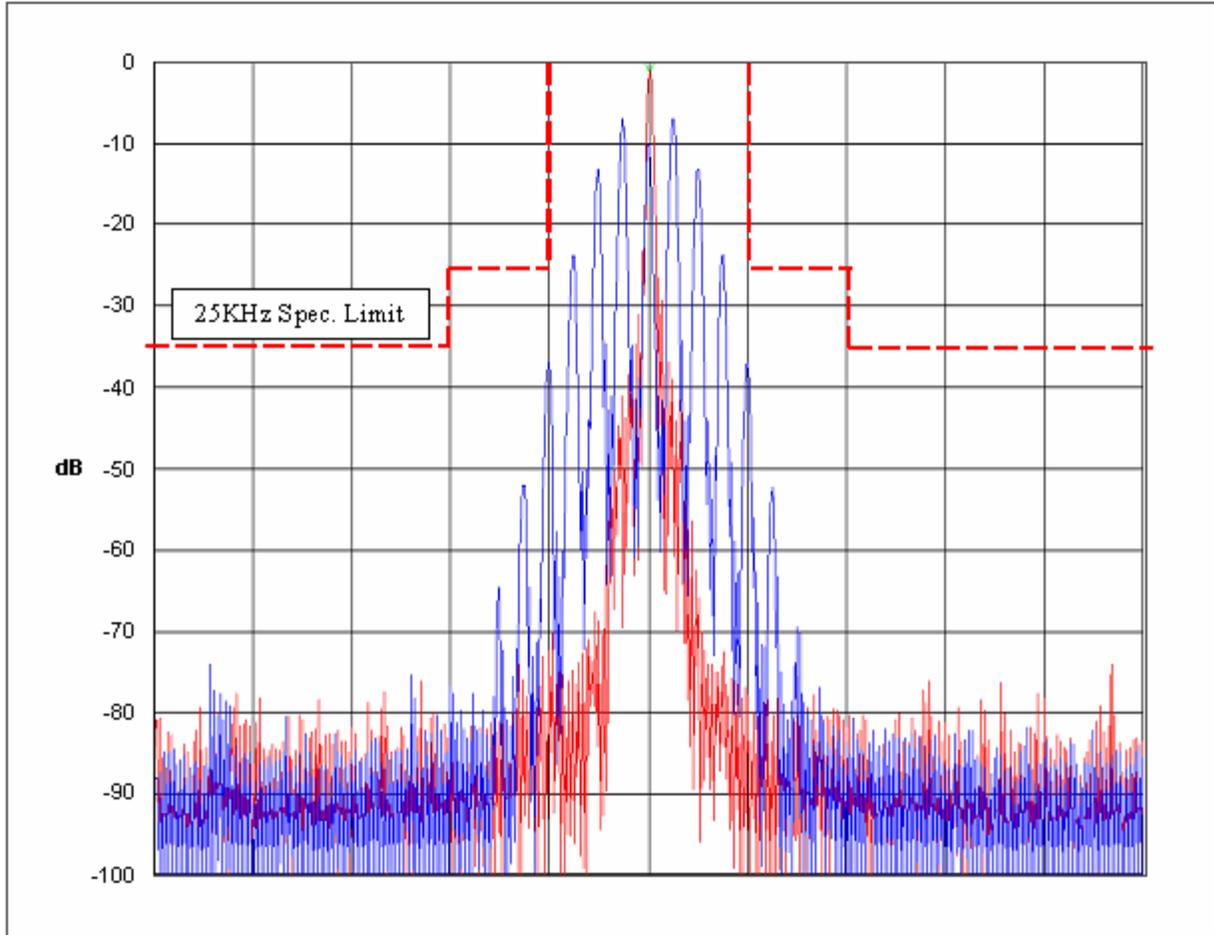


Figure 6E-2: Mask B; 25 kHz Channel Spacing, 2500 Hz Audio and TPL Tone Modulation; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

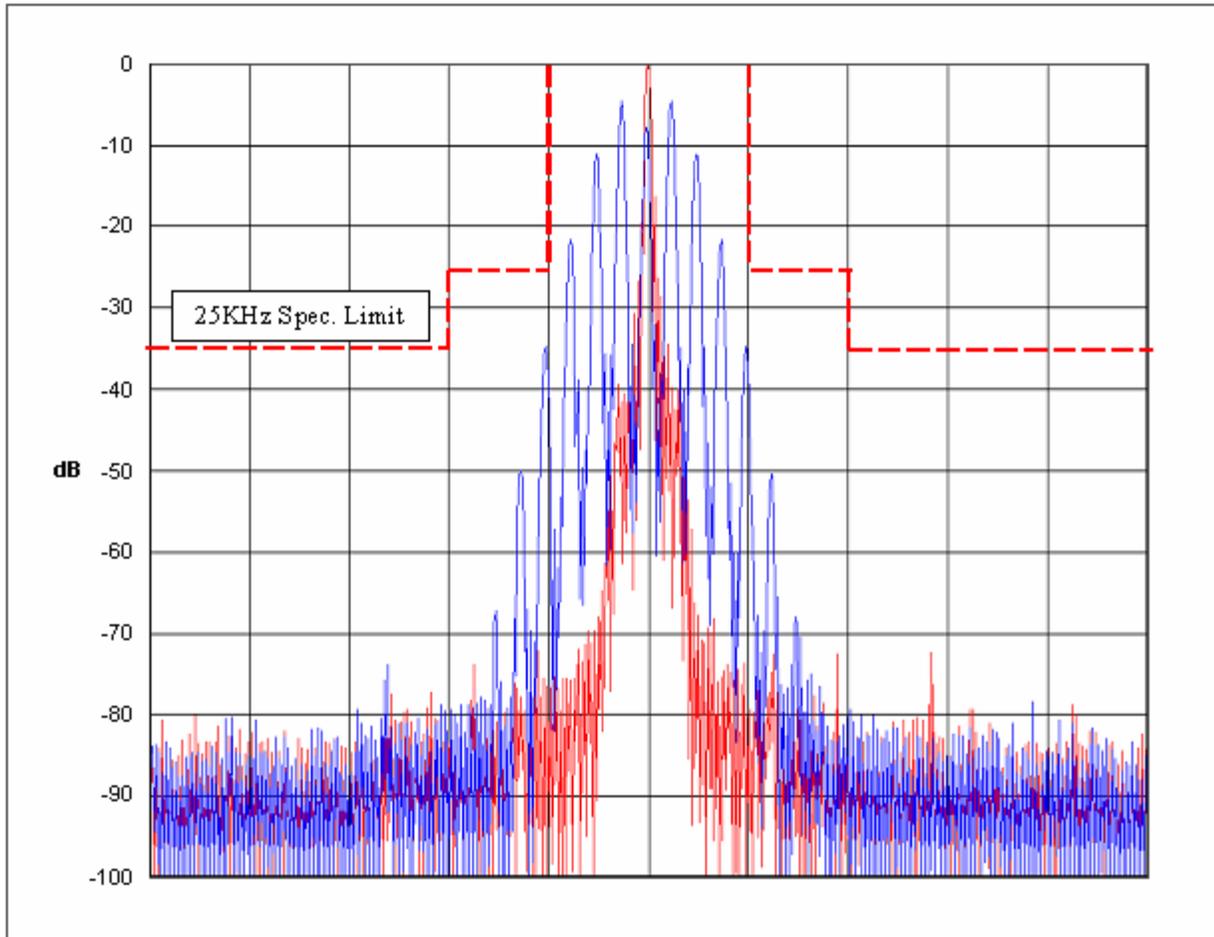


Figure 6E-3: Mask B; 25 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

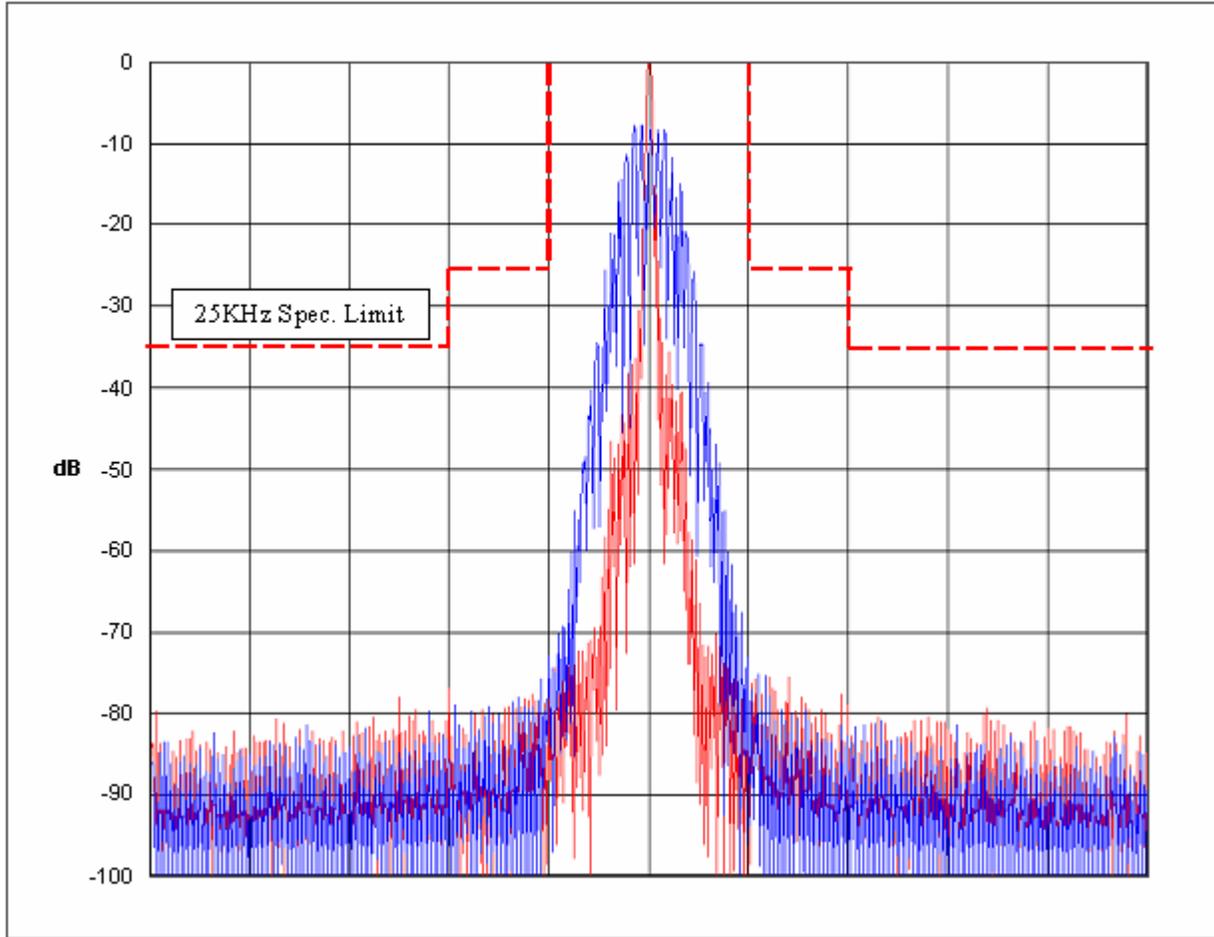


Figure 6E-4: Mask B; 25 kHz Channel Spacing, DTMF Modulation Only; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

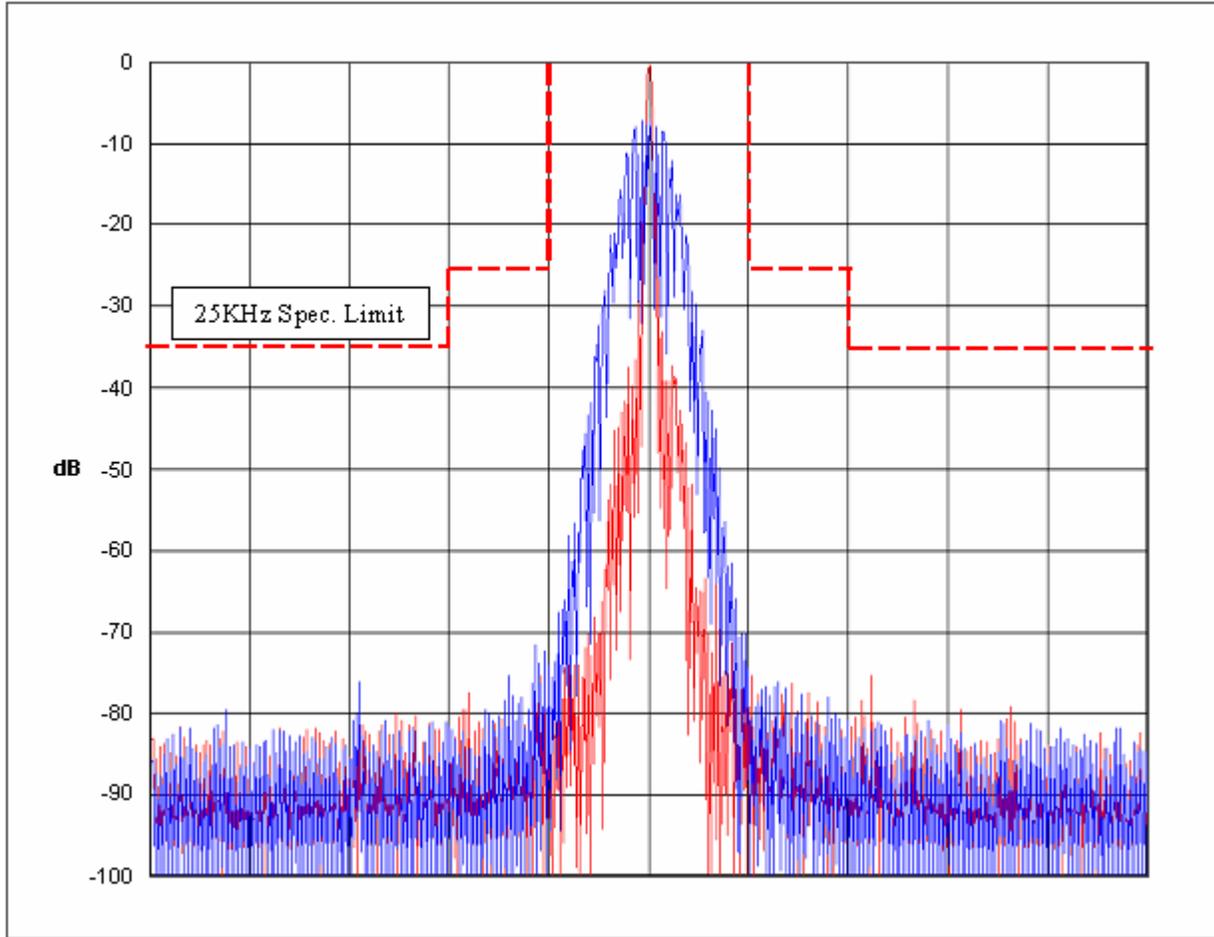


Figure 6E-5: Mask B; 25 kHz Channel Spacing, DTMF Modulation and TPL Tone Modulation; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

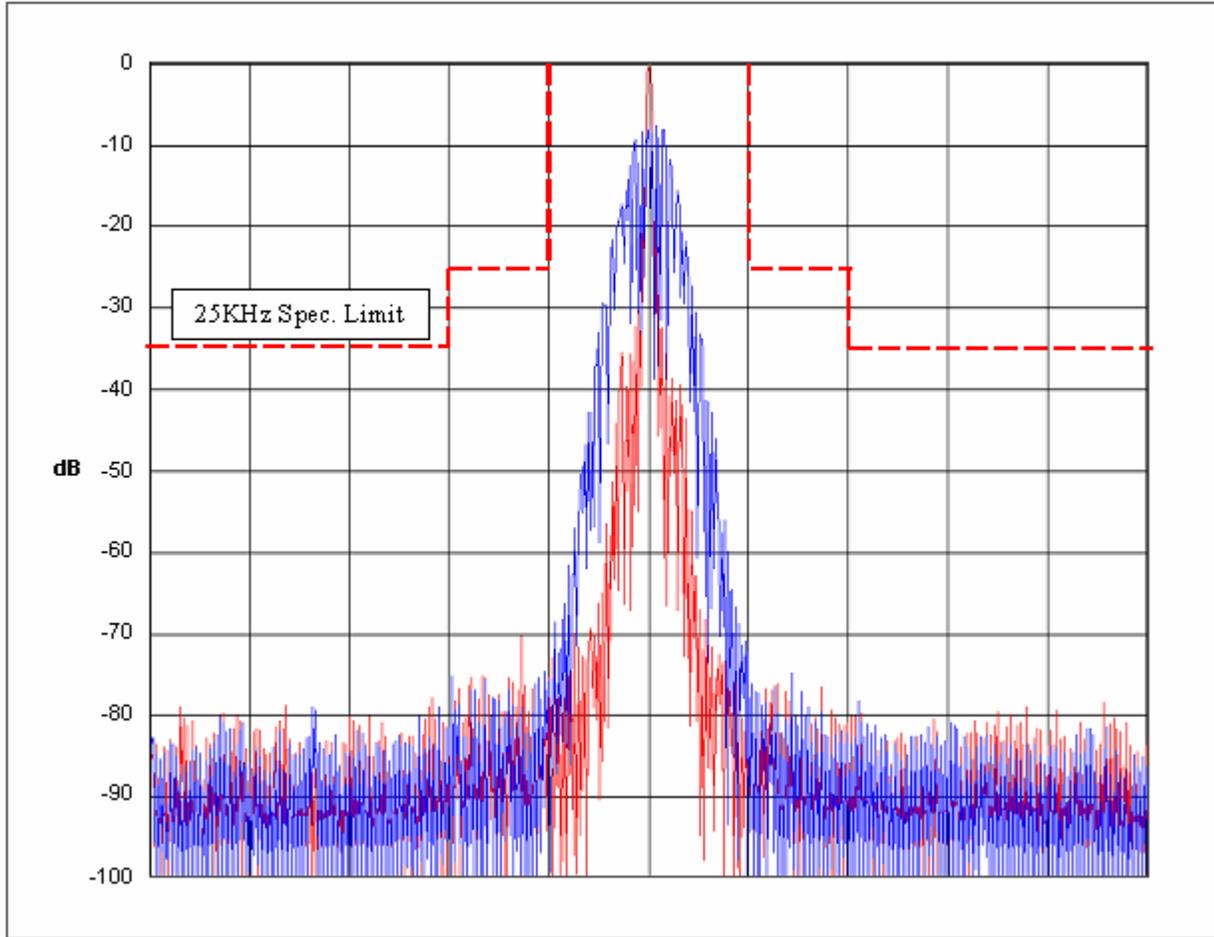


Figure 6E-6: Mask B; 25 kHz Channel Spacing, DTMF Modulation and DPL Tone Modulation; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	14.8
ATTEN (dB)	30

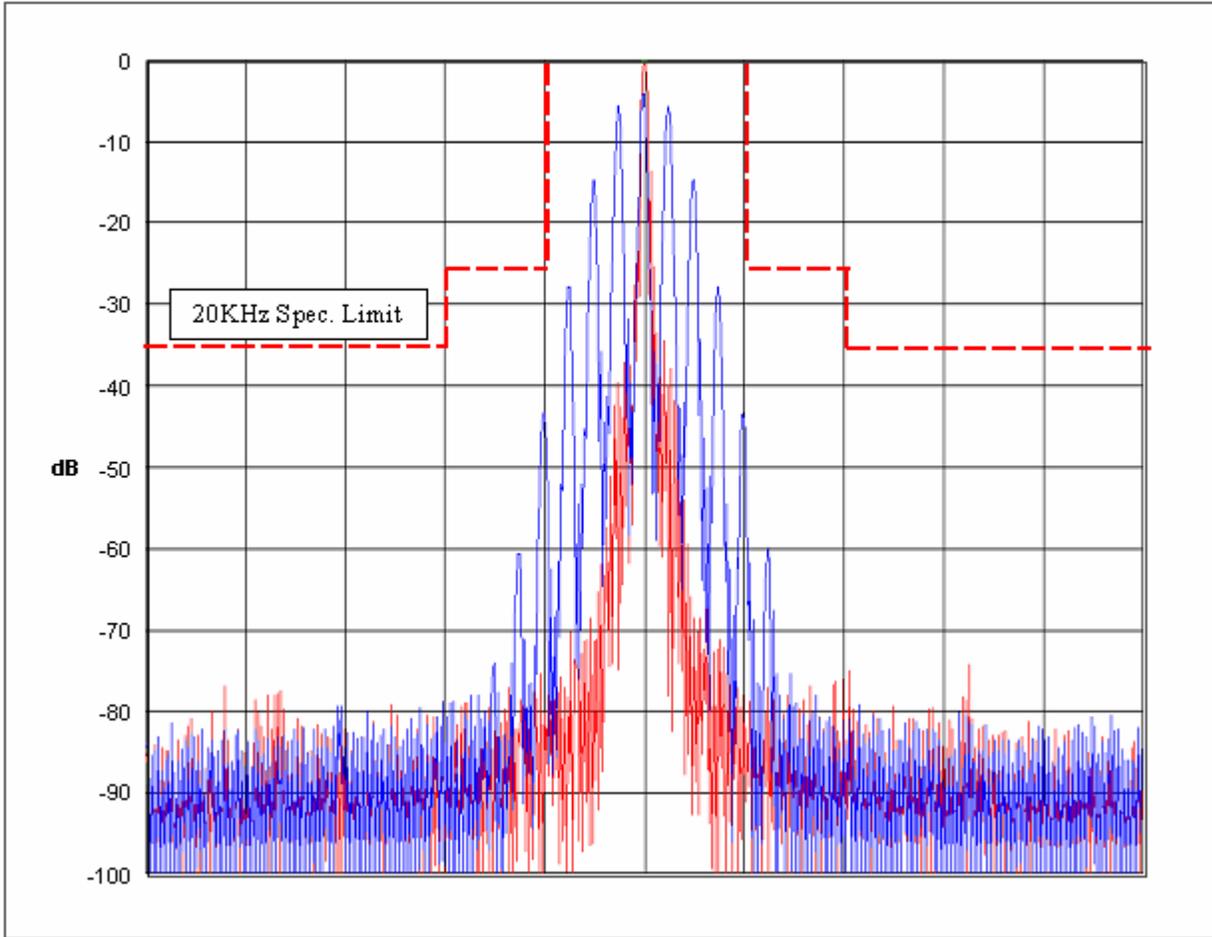


Figure 6E-7: Mask B; 20 kHz Channel Spacing, 2500 Hz Audio Modulation Only; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

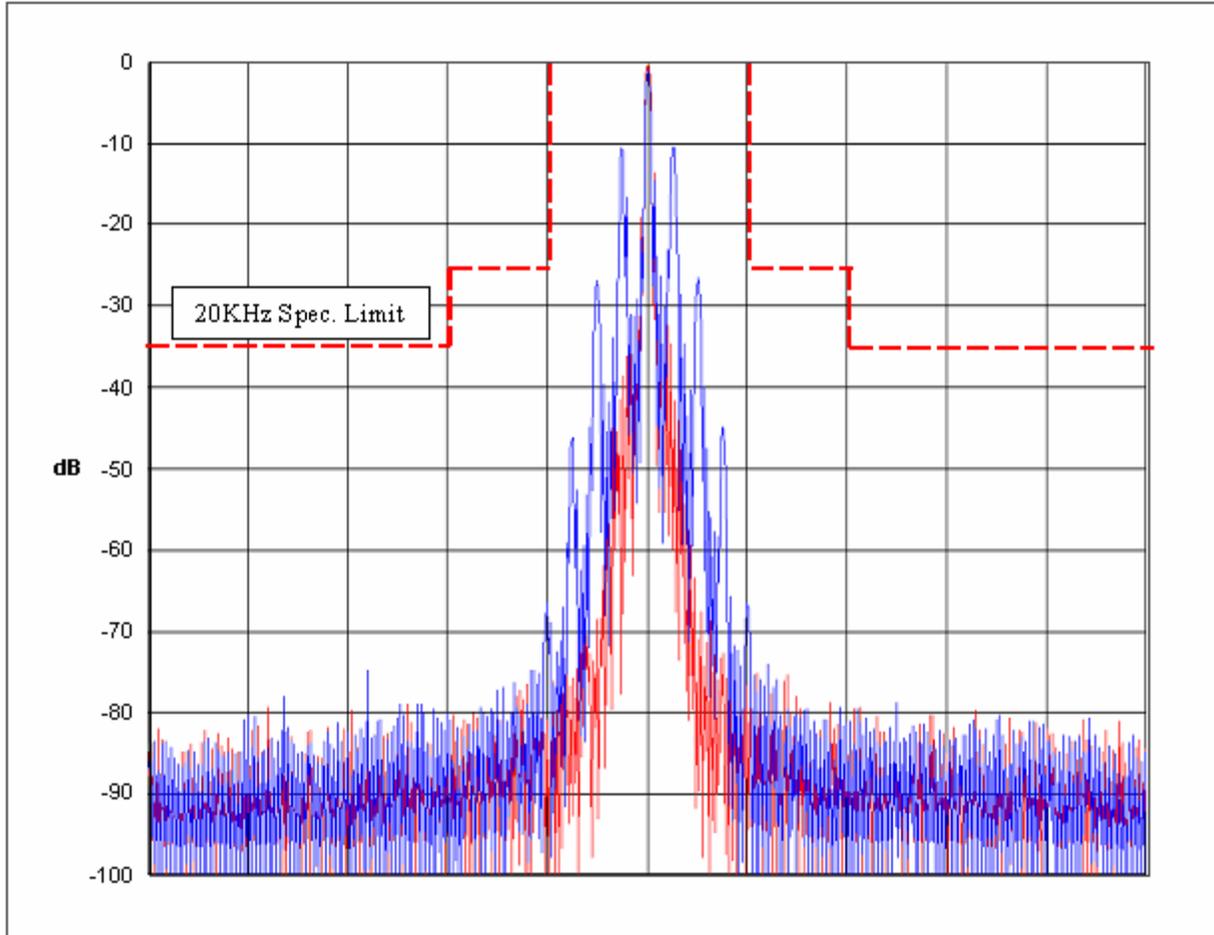


Figure 6E-8: Mask B; 20 kHz Channel Spacing, 2500 Hz Audio and TPL Tone Modulation; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

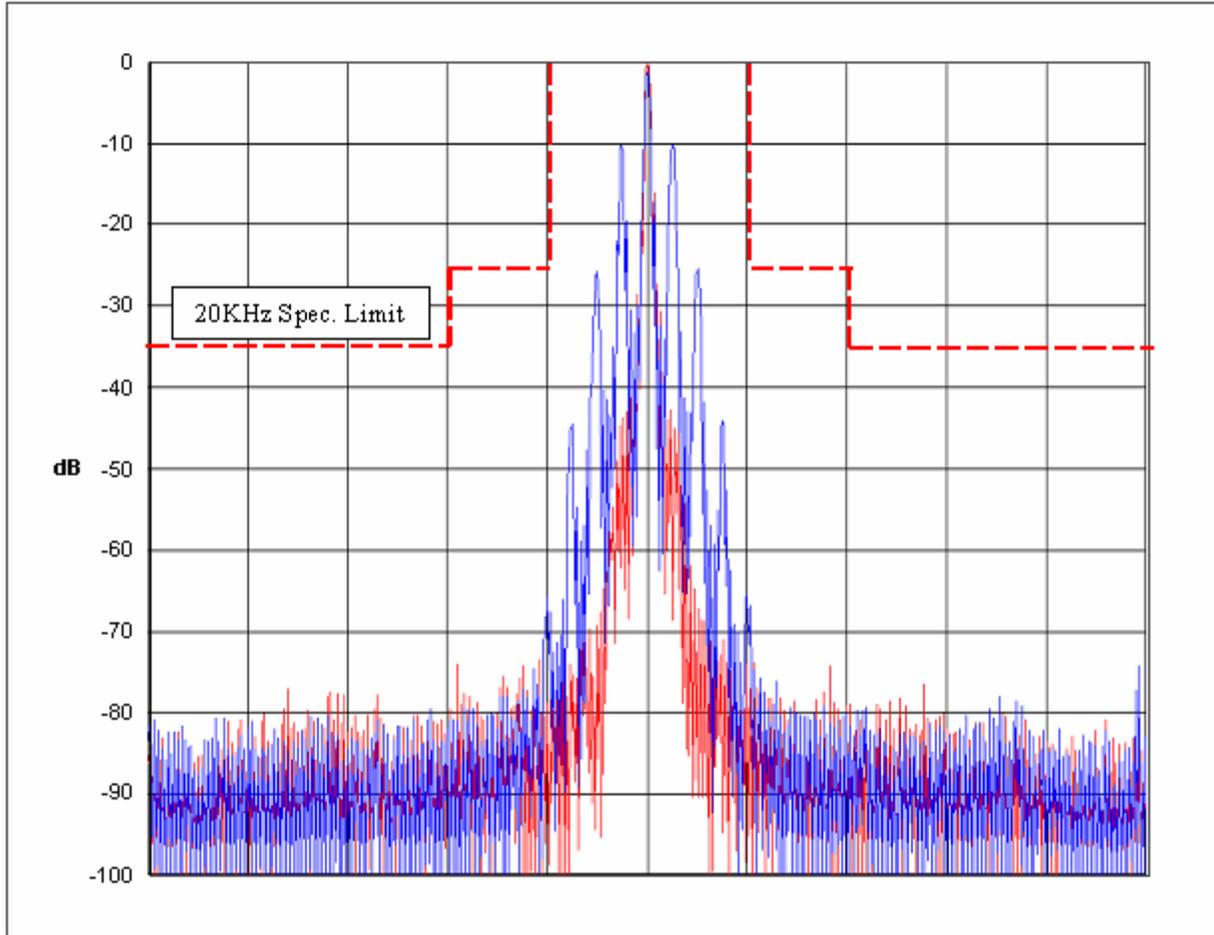


Figure 6E-9: Mask B; 20 kHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

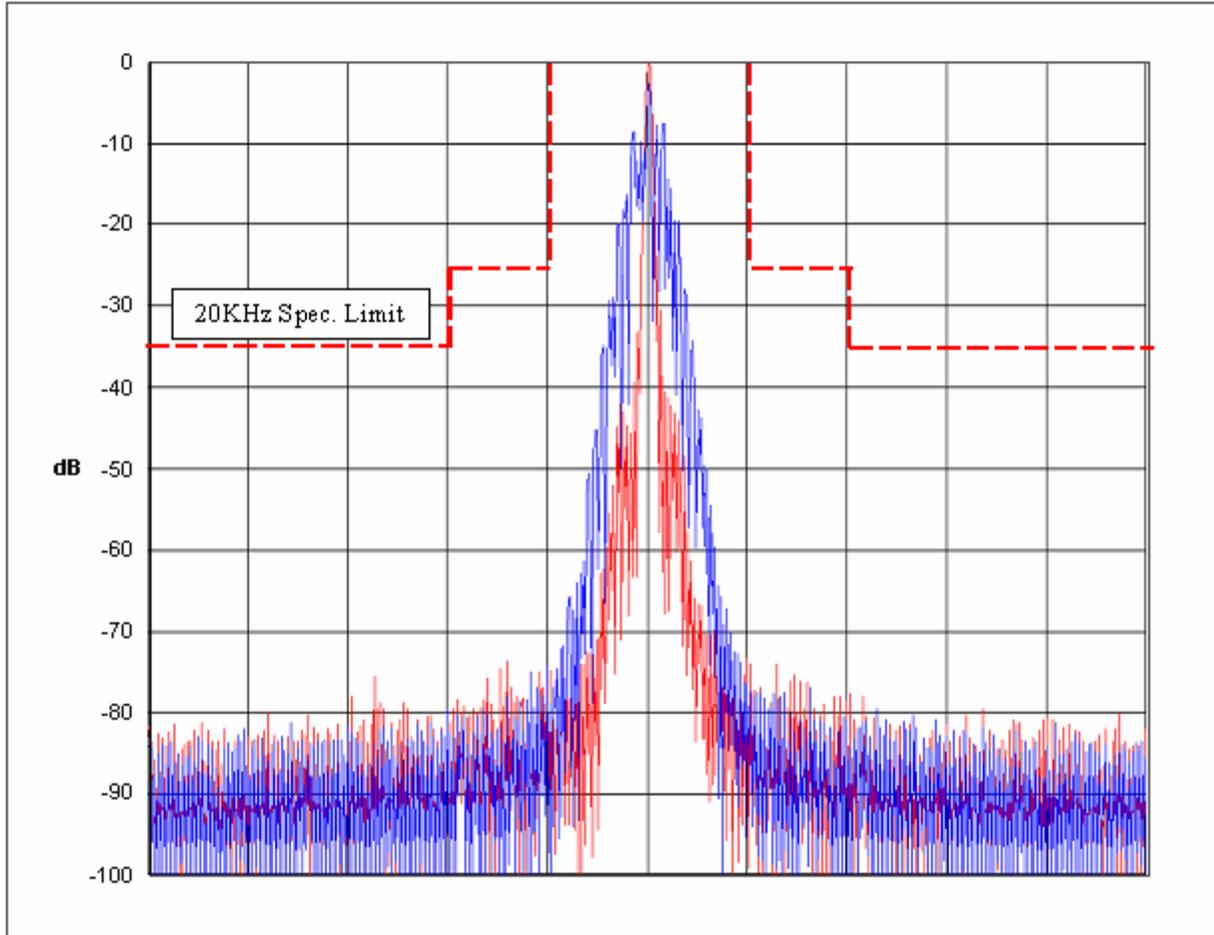


Figure 6E-10: Mask B; 20 kHz Channel Spacing, DTMF Modulation Only; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

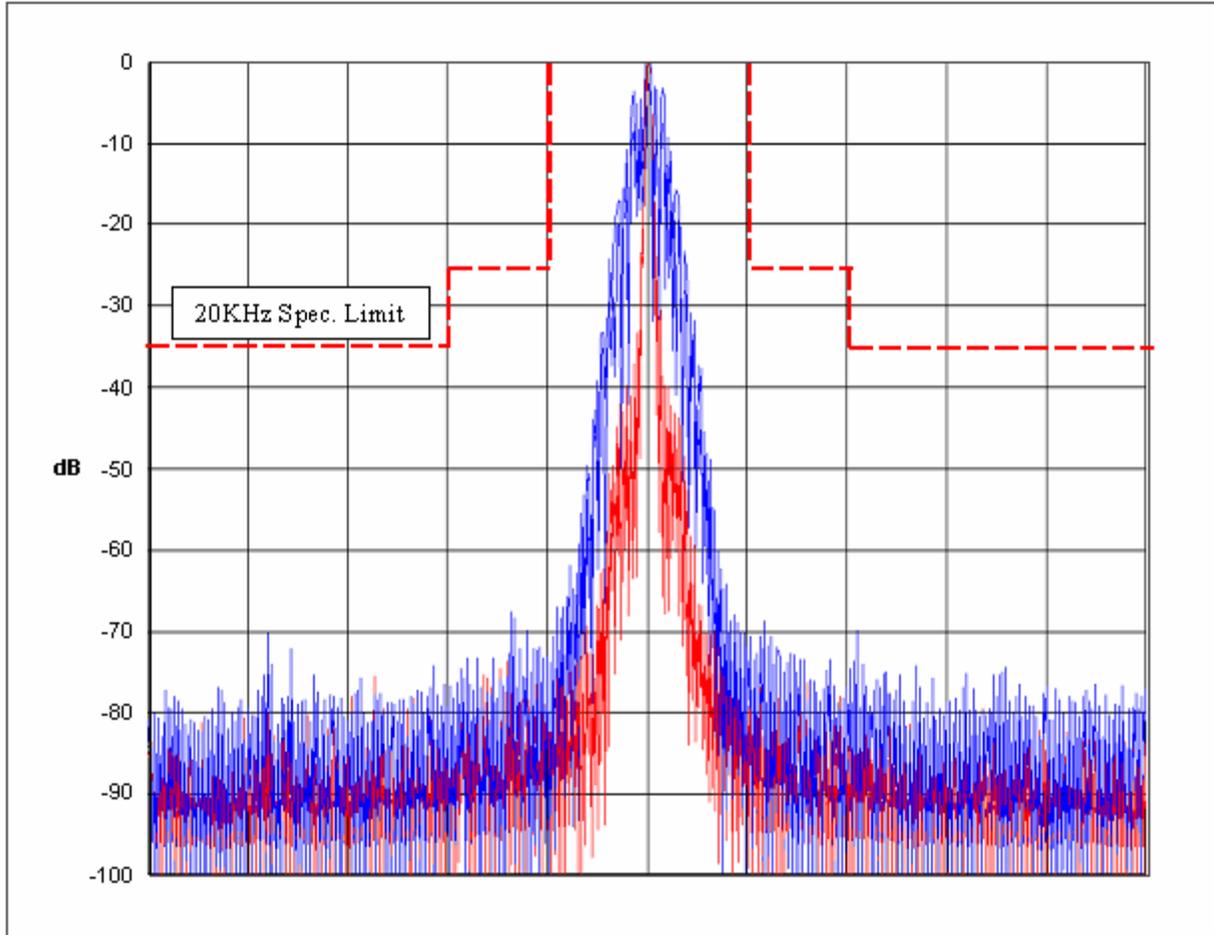


Figure 6E-11: Mask B; 20 kHz Channel Spacing, DTMF Modulation and TPL Tone Modulation; 16K0F3E

CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

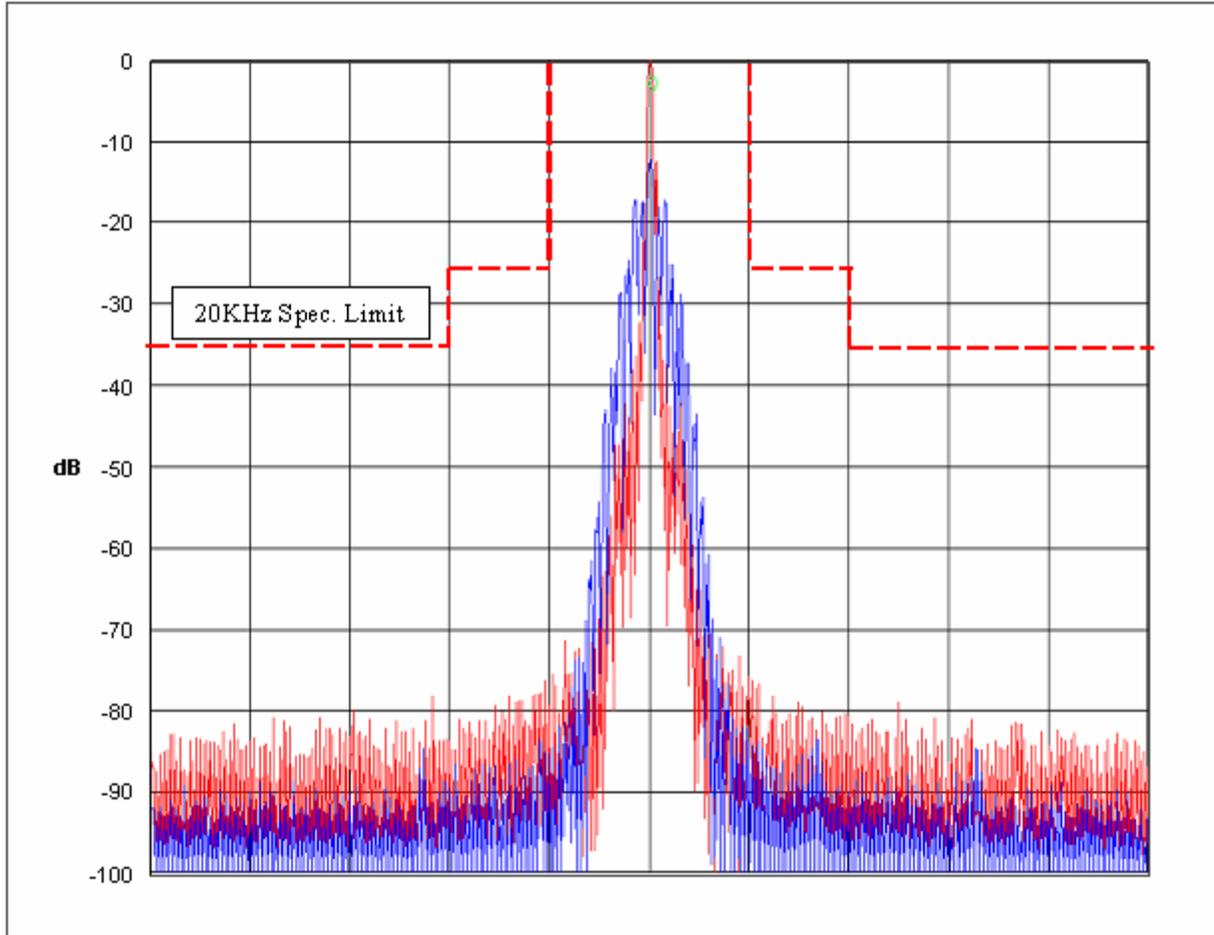
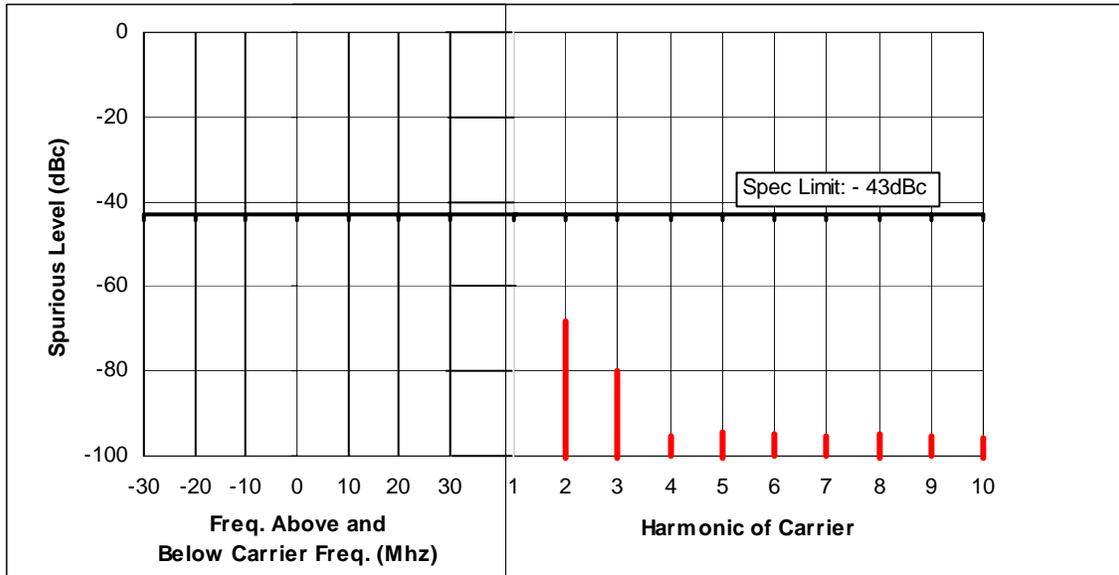


Figure 6E-12: Mask B; 20 kHz Channel Spacing, DTMF Modulation and DPL Tone Modulation; 16K0F3E

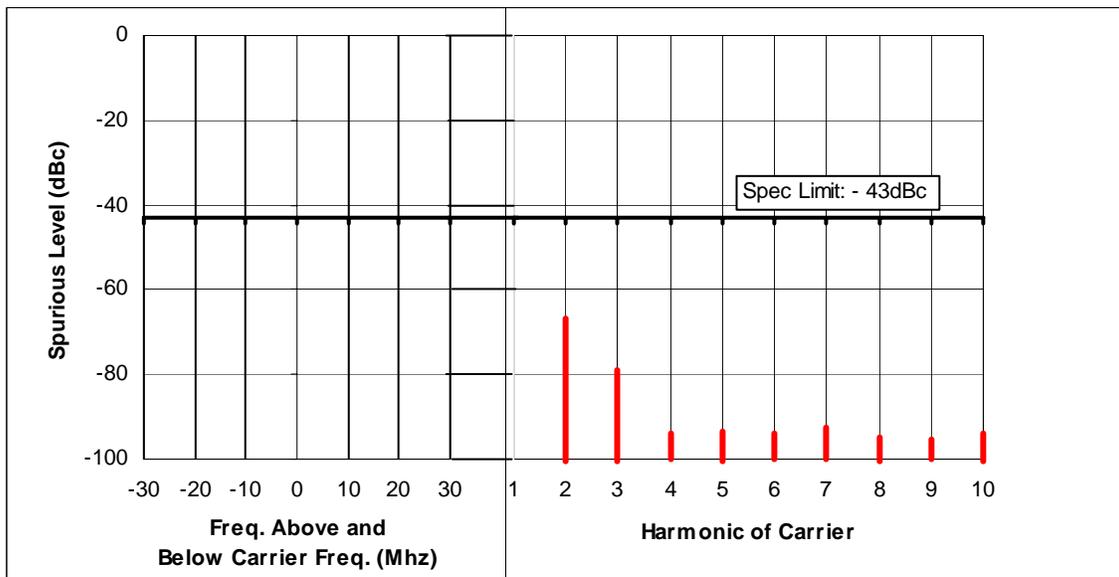
CENTER FREQUENCY(MHz):	815.0125
RESOLUTION BANDWIDTH(Hz):	300
VIDEO BANDWIDTH(kHz):	3
SPAN(kHz):	100
SWEEP TIME(SEC):	3
SCALE(DB/):	10
REF LEVEL(dBm)	15.0
ATTEN (dB)	30

**EXHIBIT 6F – Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)**

Note: The spec. limit on graphs correspond to the FCC limit of -13dBm.



**Table 6F-1: 1 Watt Harmonic of Carrier 806.0125 MHz**



**Table 6F-2: 1 Watt Harmonic of Carrier 815.0125 MHz**

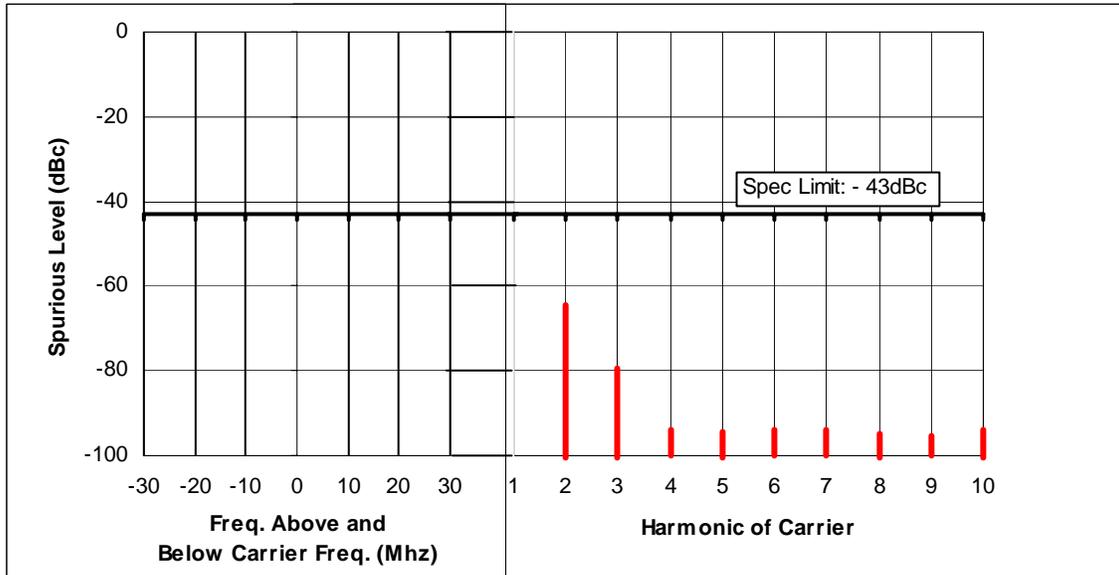


Table 6F-3: 1 Watt Harmonic of Carrier 823.9875 MHz

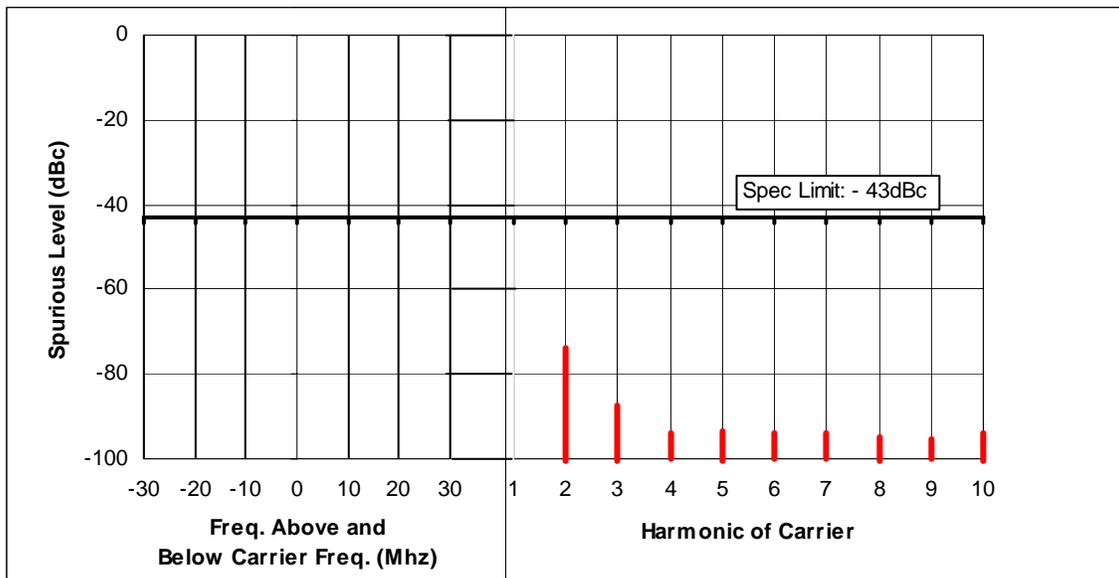


Table 6F- 4: 1 Watt Harmonic of Carrier 851.0125 MHz

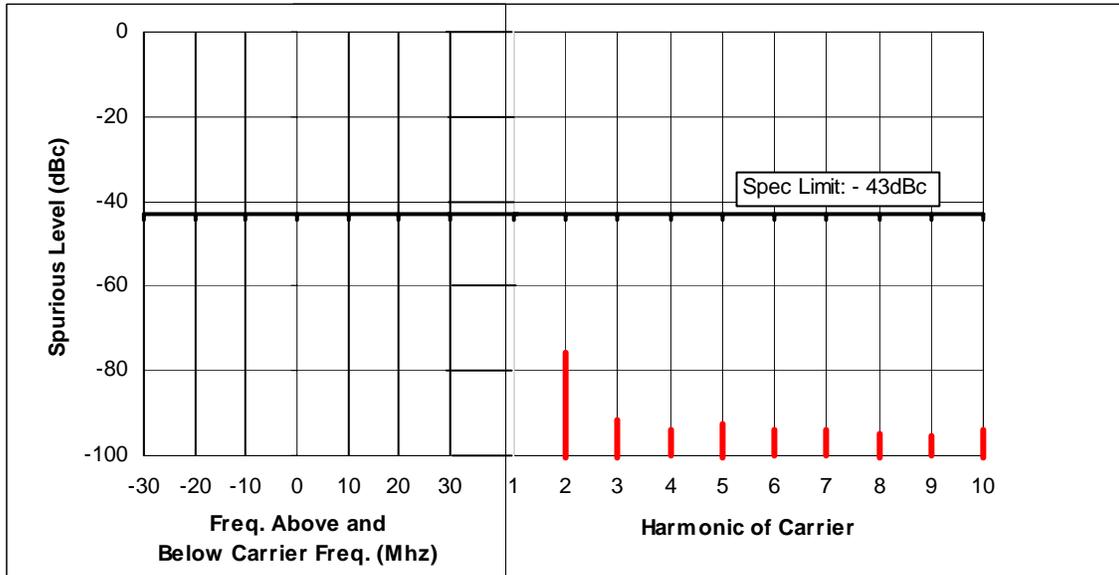


Table 6F-5: 1 Watt Harmonic of Carrier 860.0125 MHz

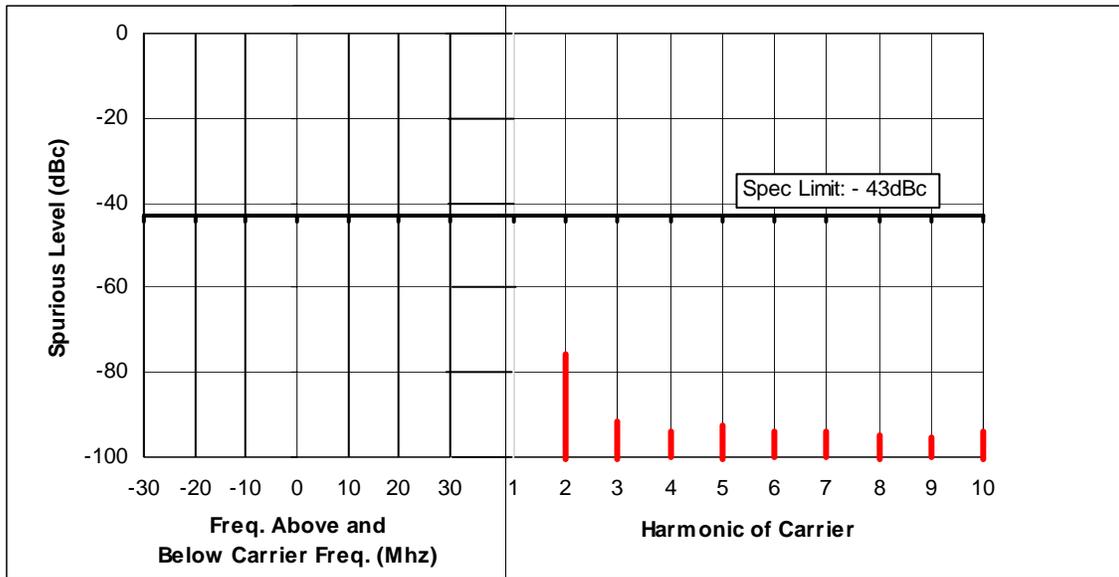


Table 6F-6: 1 Watt Harmonic of Carrier 869.0000 MHz

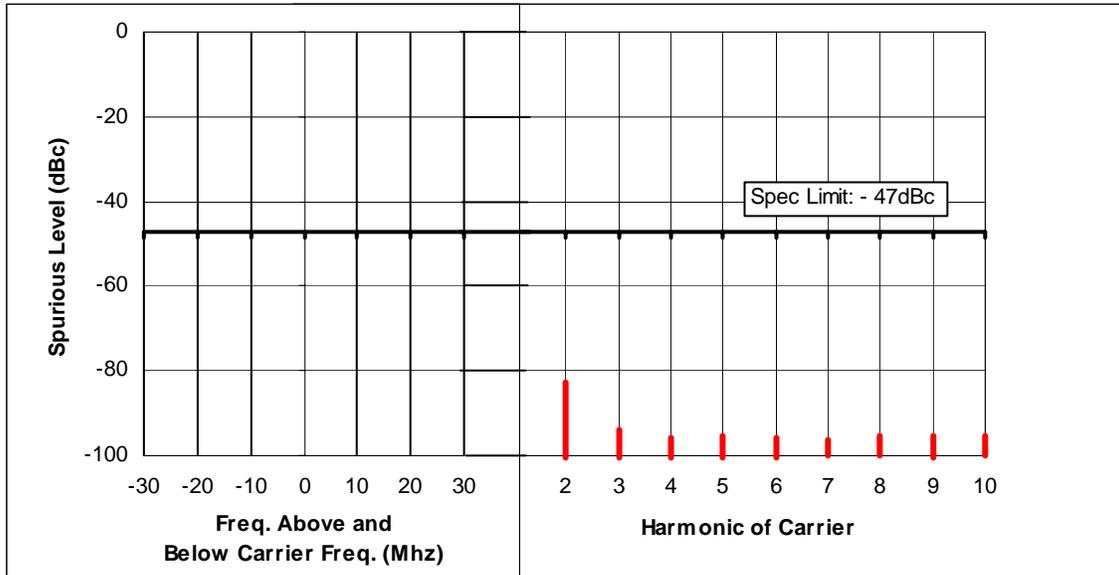


Table 6F-7: 2.5 Watt Harmonic of Carrier 806.0125 MHz

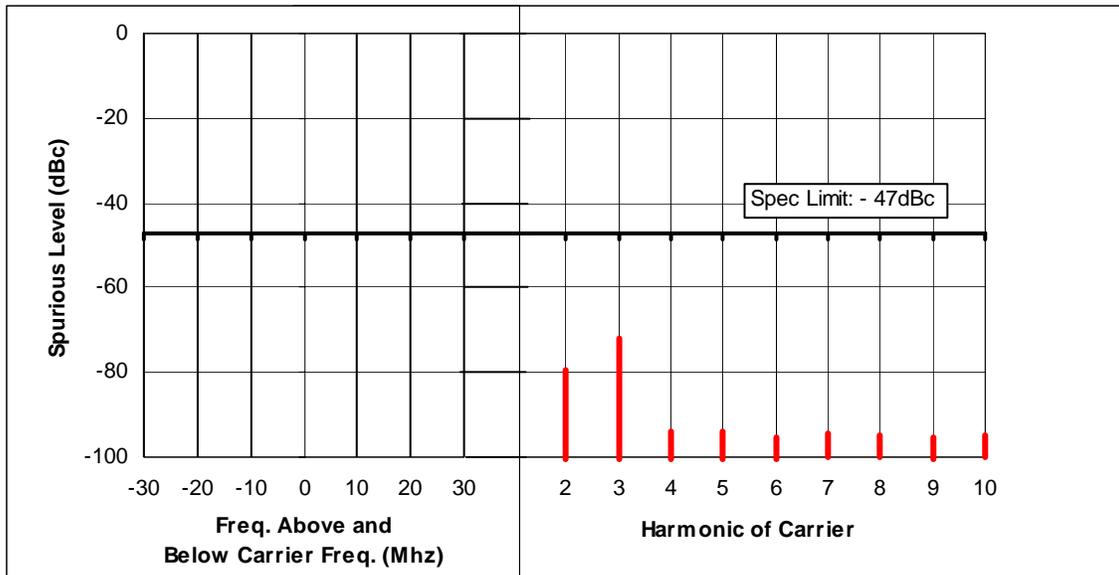


Table 6F-8: 2.5 Watt Harmonic of Carrier 815.0125 MHz

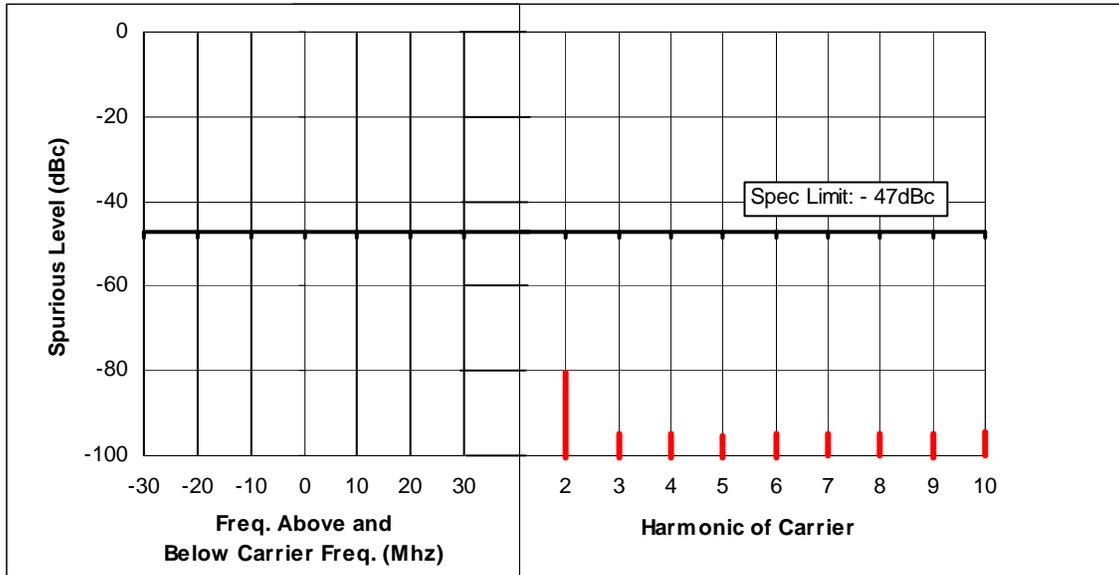


Table 6F-9: 2.5 Watt Harmonic of Carrier 823.9875 MHz

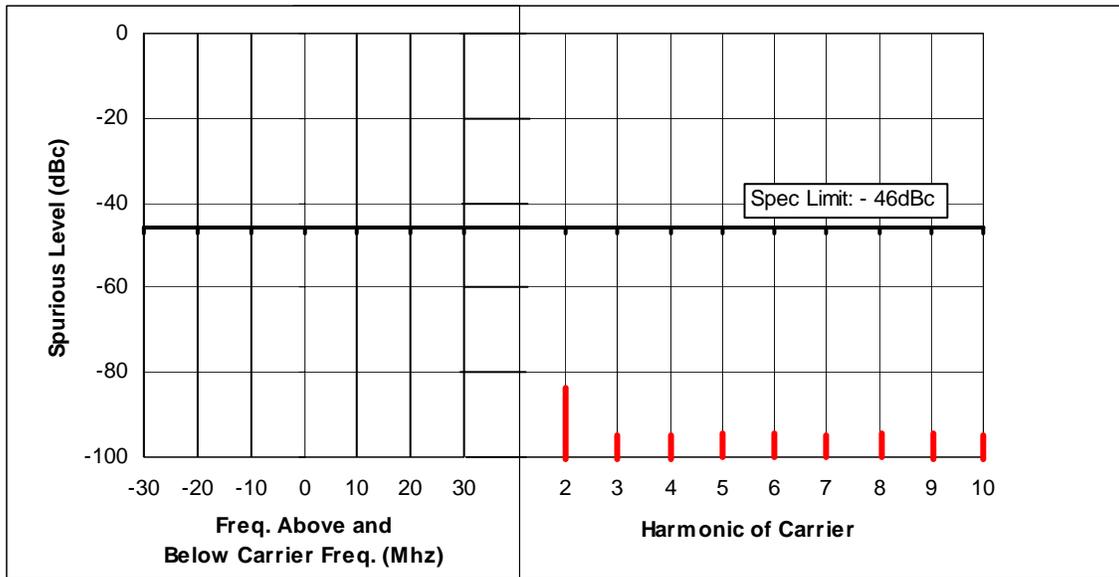


Table 6F-10: 2.0 Watt Harmonic of Carrier 851.0125 MHz

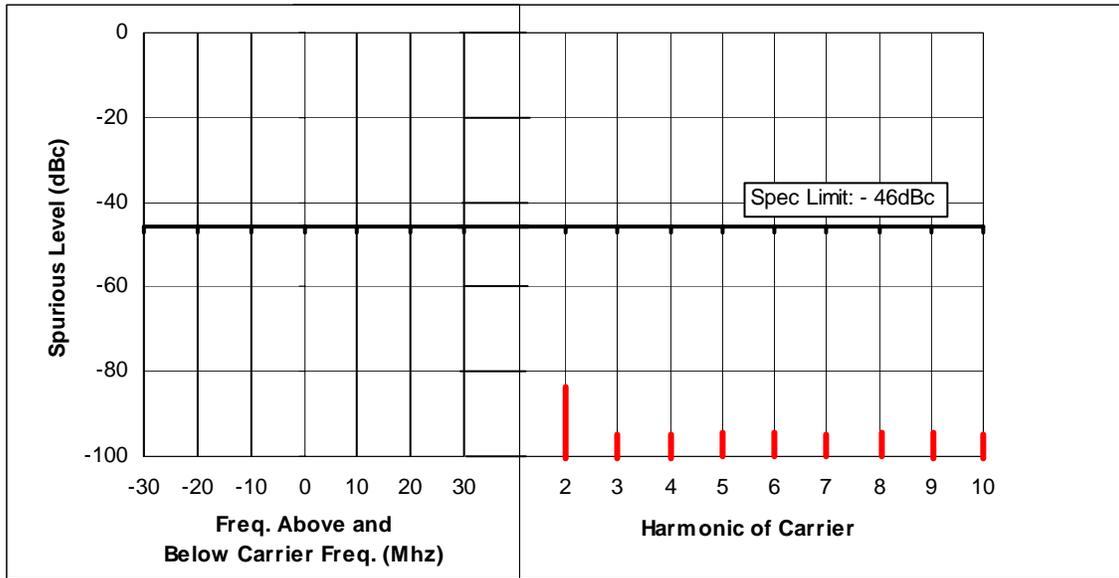


Table 6F-11: 2.0 Watt Harmonic of Carrier 860.0125 MHz

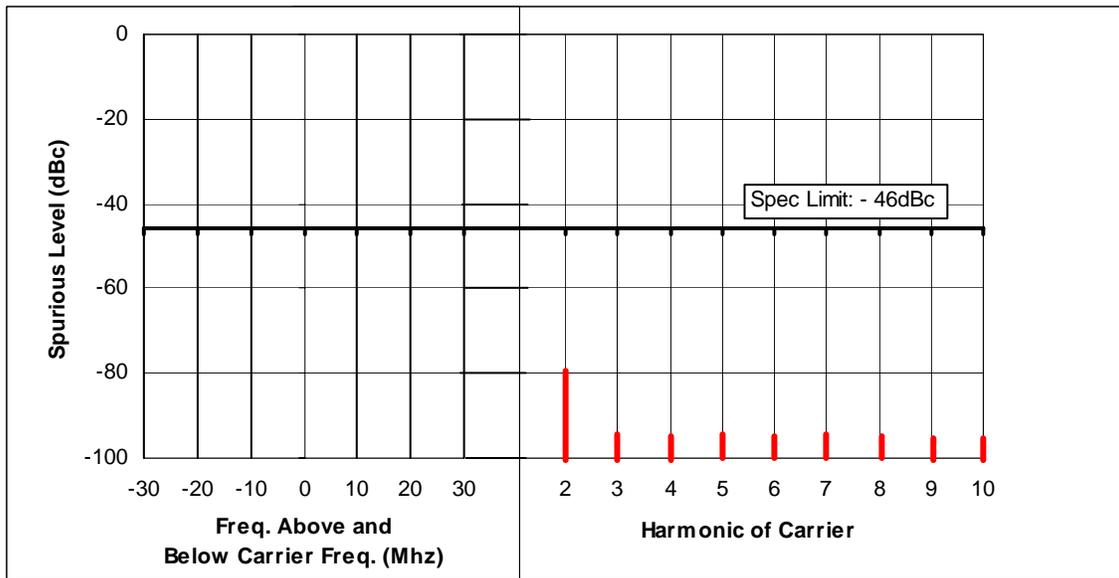


Table 6F-12: 2.0 Watt Harmonic of Carrier 869.0000 MHz

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

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

**Carrier Frequency 806.0125 MHz, High Power (2.5 Watts)**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	-31.50	-21.69
2418.0375	-13	-45.07	-44.06
3224.0500	-13	-54.06	-53.32
4030.0625	-13	-61.03	*
4836.0750	-13	-55.71	-53.26
5642.0875	-13	-43.10	-43.96
6448.1000	-13	-46.54	*
7254.1125	-13	*	*
8060.1250	-13	-43.59	*

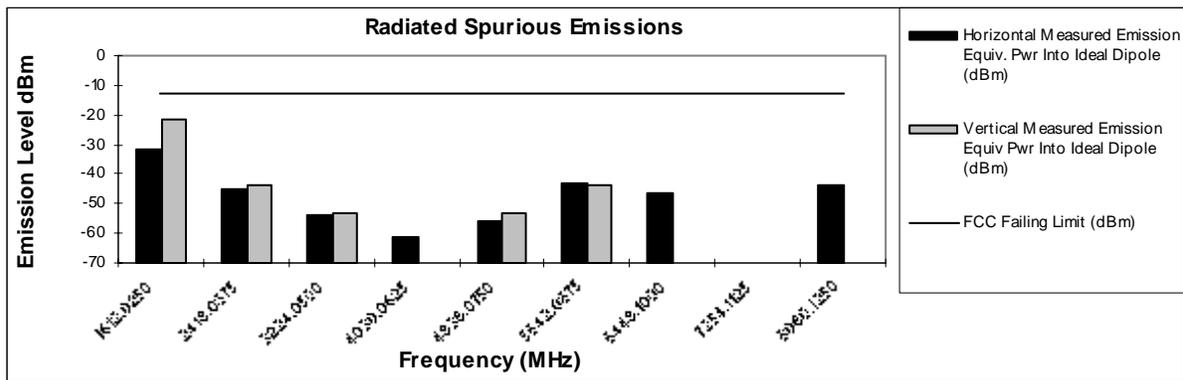


Figure 6G-1: 2.5 Watts, 806.0125 MHz

**Carrier Frequency 815.0125 MHz , High Power (2.5 Watts)**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-13	-24.65	-22.70
2445.0375	-13	-37.74	-45.20
3260.0500	-13	-33.21	-34.76
4075.0625	-13	-46.47	-46.60
4890.0750	-13	-42.83	-45.60
5705.0875	-13	-38.98	-39.70
6520.1000	-13	-45.22	*
7335.1125	-13	-46.73	*
8150.1250	-13	-46.50	*

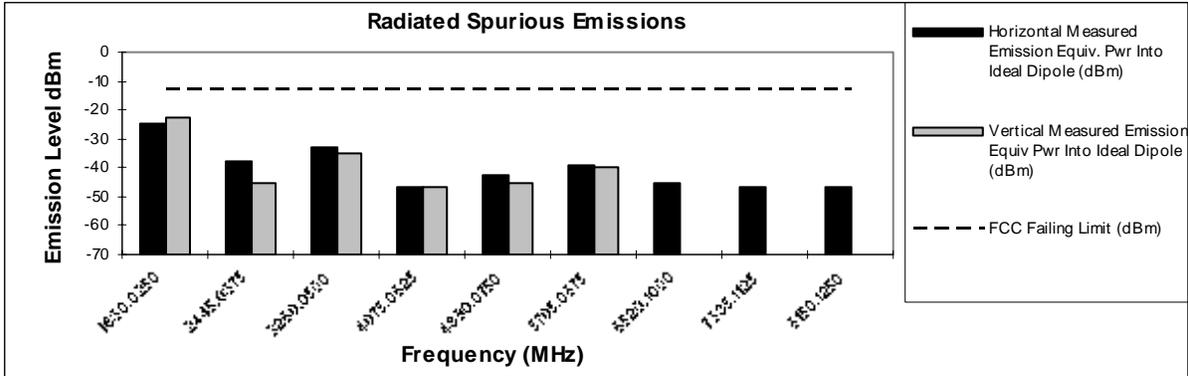


Figure 6G-1: 2.5 Watts, 815.0125 MHz

Carrier Frequency 823.9875 MHz, High Power (2.5 Watts)

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	-33.08	-24.74
2471.9625	-13	-34.71	-44.46
3295.9500	-13	-36.07	-38.88
4119.9375	-13	-50.44	-52.20
4943.9250	-13	-50.70	*
5767.9125	-13	-34.75	-34.82
6591.9000	-13	-40.92	*
7415.8875	-13	-48.15	*
8239.8750	-13	*	*

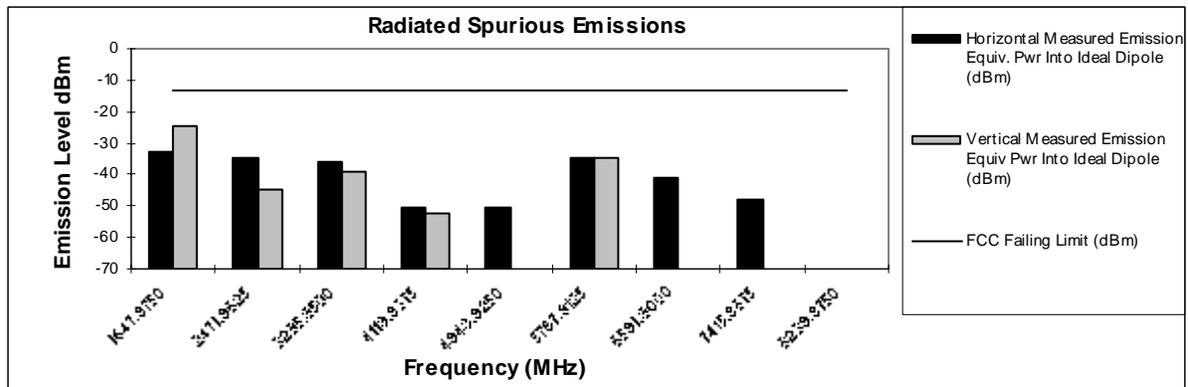
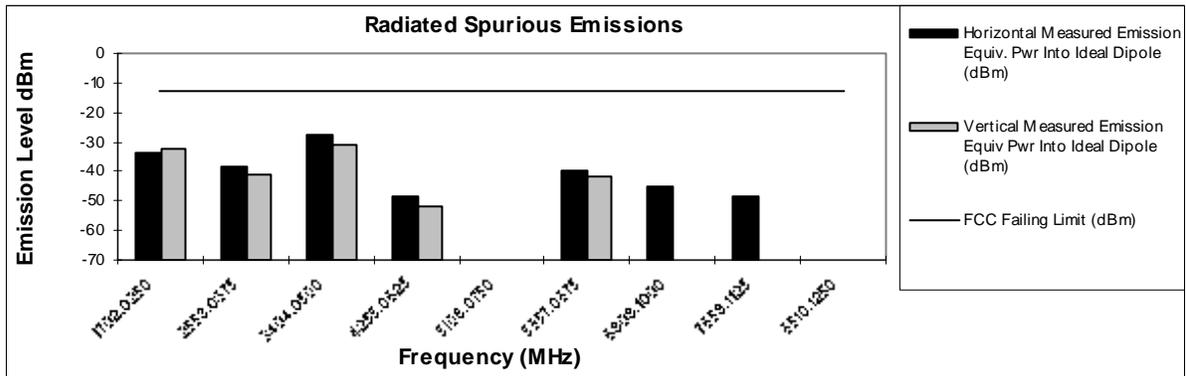


Figure 6G-1: 2.5 Watts, 823.9875 MHz

**Carrier Frequency 851.0125 MHz, High Power (2 Watts)**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-13	-33.78	-32.25
2553.0375	-13	-38.56	-41.00
3404.0500	-13	-27.92	-30.66
4255.0625	-13	-48.72	-51.52
5106.0750	-13	*	*
5957.0875	-13	-39.68	-41.89
6808.1000	-13	-44.84	*
7659.1125	-13	-48.19	*
8510.1250	-13	*	*



**Figure 6G-4: 2 Watts, 851.0125 MHz**

**Carrier Frequency 860.0125 MHz, High Power (2 Watts)**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0250	-13	-21.87	-15.78
2580.0375	-13	-31.86	-34.35
3440.0500	-13	-31.06	-35.03
4300.0625	-13	-48.08	-51.73
5160.0750	-13	-50.32	*
6020.0875	-13	-39.39	-40.54
6880.1000	-13	-41.82	*
7740.1125	-13	-48.71	*
8600.1250	-13	*	*

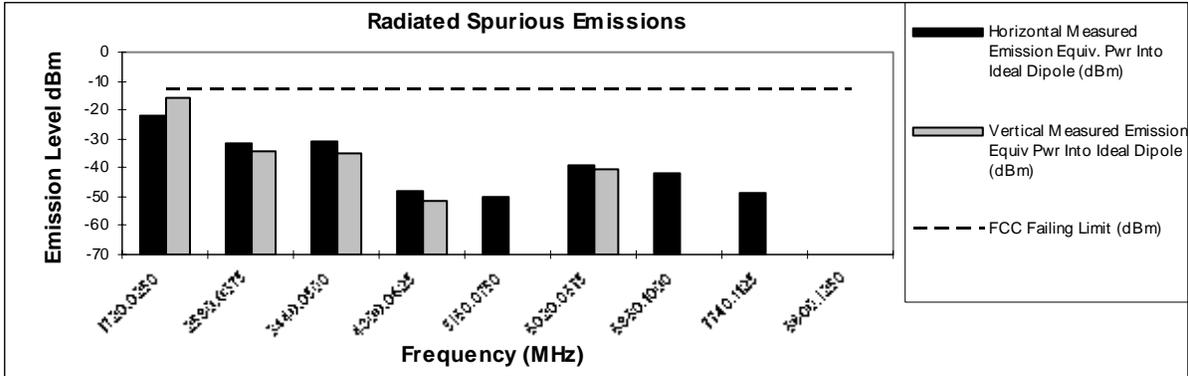


Figure 6G-5: 2 Watts, 860.0125 MHz

Carrier Frequency 869.00 MHz, High Power (2 Watts)

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-13	-18.21	-17.67
2606.9625	-13	-34.68	-35.51
3475.9500	-13	-40.89	-43.37
4344.9375	-13	-50.13	-51.93
5213.9250	-13	-44.36	-48.13
6082.9125	-13	-35.11	-36.88
6951.9000	-13	-40.73	*
7820.8875	-13	-43.37	*
8689.8750	-13	*	*

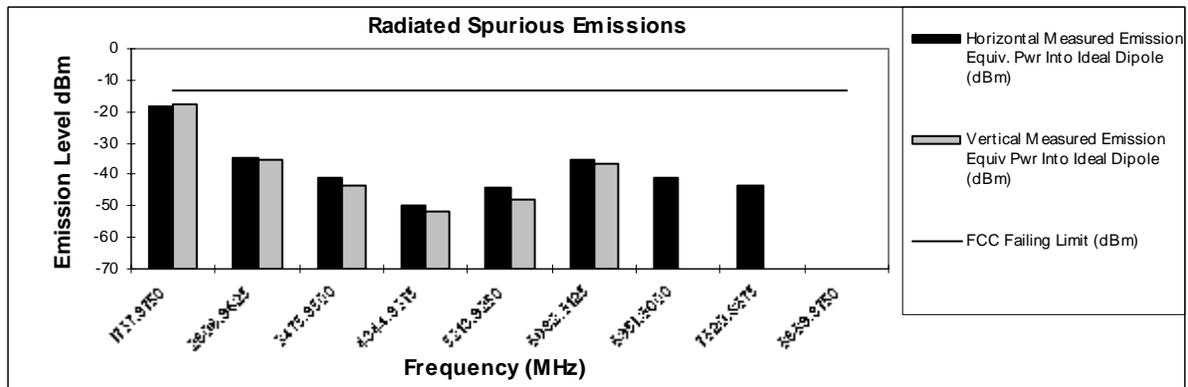


Figure 6G-6: 2 Watts, 869.00 MHz

EXHIBIT 6H – Frequency Stability - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

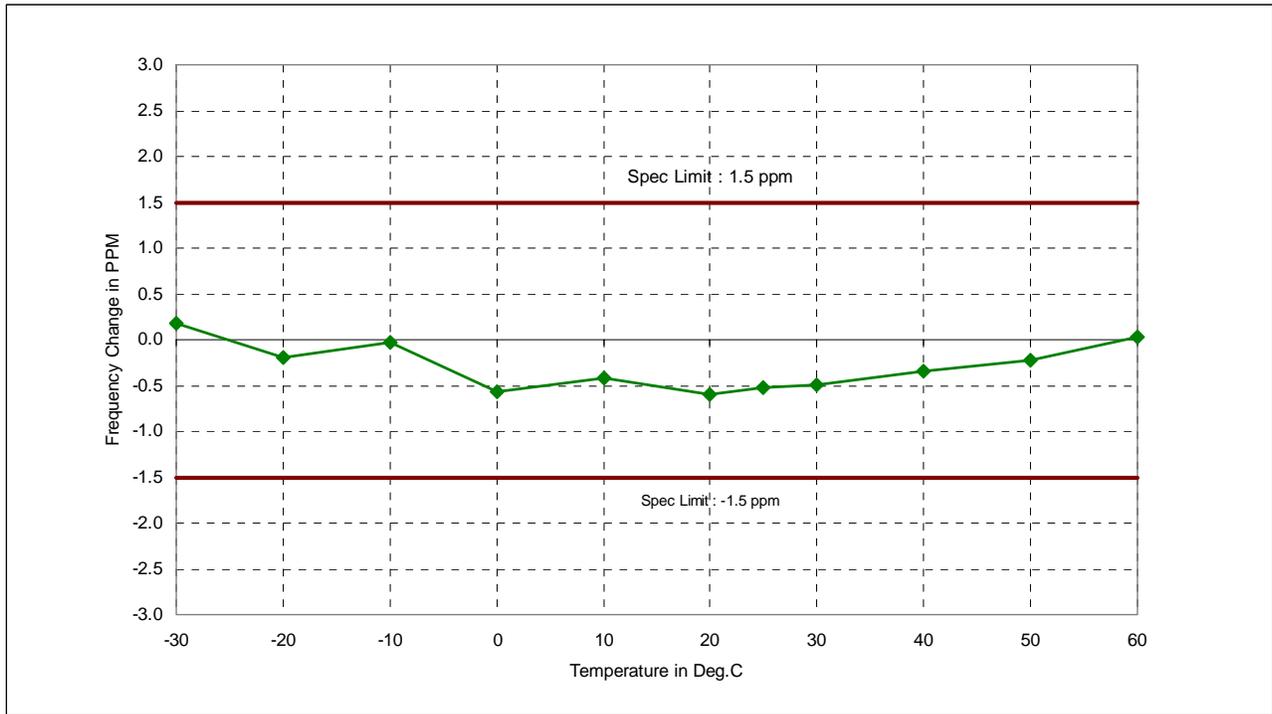


Figure 6H-1: Frequency Stability vs. Temperature

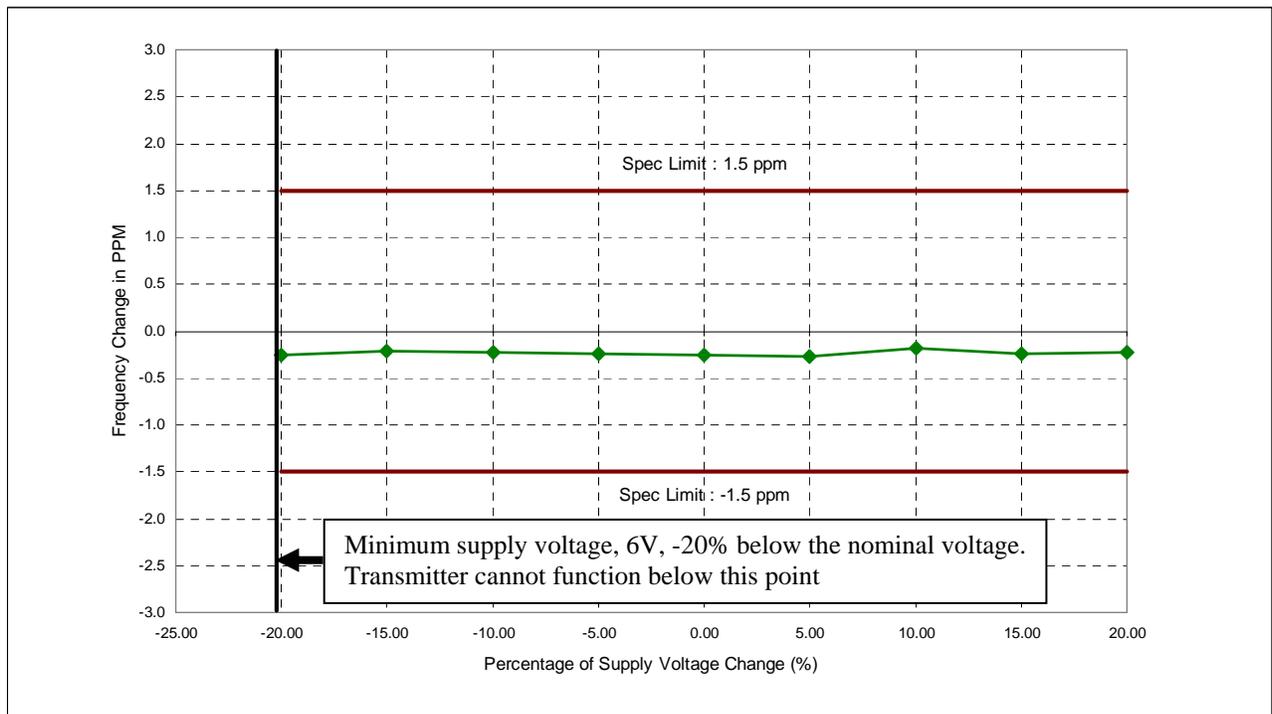


Figure 6H-2: Frequency Stability vs. Voltage