

EXHIBIT 6**INDEX OF SUBMITTED MEASURED DATA**

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

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6G-3 - High Power Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing

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6H-3 – Frequency Stability vs. Temperature, 937.5 MHz

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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

At maximum output power setting, Frequency 896.0125 MHz:

Output RF power	2.77 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
DC Input Power	9.825 Watts

At minimum output power setting, Frequency 896.0125 MHz:

Output RF power	1.3 Watts
DC Voltage	7.50 Volts
DC Current	0.85 Amps
DC Input Power	6.375 Watts

At maximum output power setting, Frequency 898.5 MHz:

Output RF power	2.80 Watts
DC Voltage	7.50 Volts
DC Current	1.32 Amps
DC Input Power	9.9 Watts

At minimum output power setting, Frequency 898.5 MHz:

Output RF power	1.33 Watts
DC Voltage	7.50 Volts
DC Current	0.86 Amps
DC Input Power	6.45 Watts

At maximum output power setting, Frequency 900.9875 MHz:

Output RF power	2.78 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
DC Input Power	9.825 Watts

At minimum output power setting, Frequency 900.9875 MHz:

Output RF power	1.32 Watts
DC Voltage	7.50 Volts
DC Current	0.85 Amps
DC Input Power	6.375 Watts

At maximum output power setting, Frequency 935.0125 MHz:

Output RF power	2.78 Watts
DC Voltage	7.50 Volts
DC Current	1.28 Amps
DC Input Power	9.6 Watts

At minimum output power setting, Frequency 935.0125 MHz:

Output RF power	1.3 Watts
DC Voltage	7.50 Volts

DC Current	0.82 Amps
DC Input Power	6.15 Watts

At maximum output power setting, Frequency 937.5 MHz:

Output RF power	2.76 Watts
DC Voltage	7.50 Volts
DC Current	1.28 Amps
DC Input Power	9.6 Watts

At minimum output power setting, Frequency 937.5 MHz:

Output RF power	1.29 Watts
DC Voltage	7.50 Volts
DC Current	0.82 Amps
DC Input Power	6.15 Watts

At maximum output power setting, Frequency 939.9875 MHz:

Output RF power	2.81 Watts
DC Voltage	7.50 Volts
DC Current	1.28 Amps
DC Input Power	9.6 Watts

At minimum output power setting, Frequency 939.9875 MHz:

Output RF power	1.32 Watts
DC Voltage	7.50 Volts
DC Current	0.83 Amps
DC Input Power	6.225 Watts

EXHIBIT 6B

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

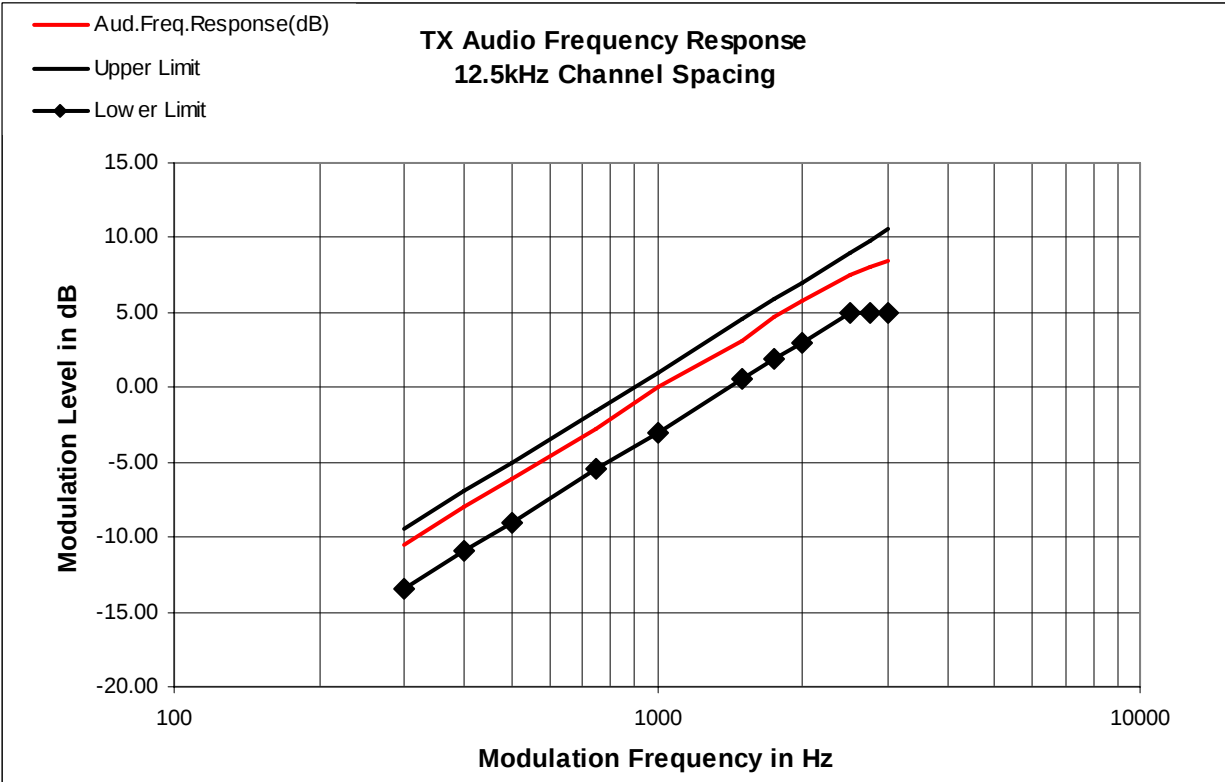


Figure 6B-1: 12.5 kHz Channel Spacing, 898.5 MHz, Transmit Audio Frequency Response

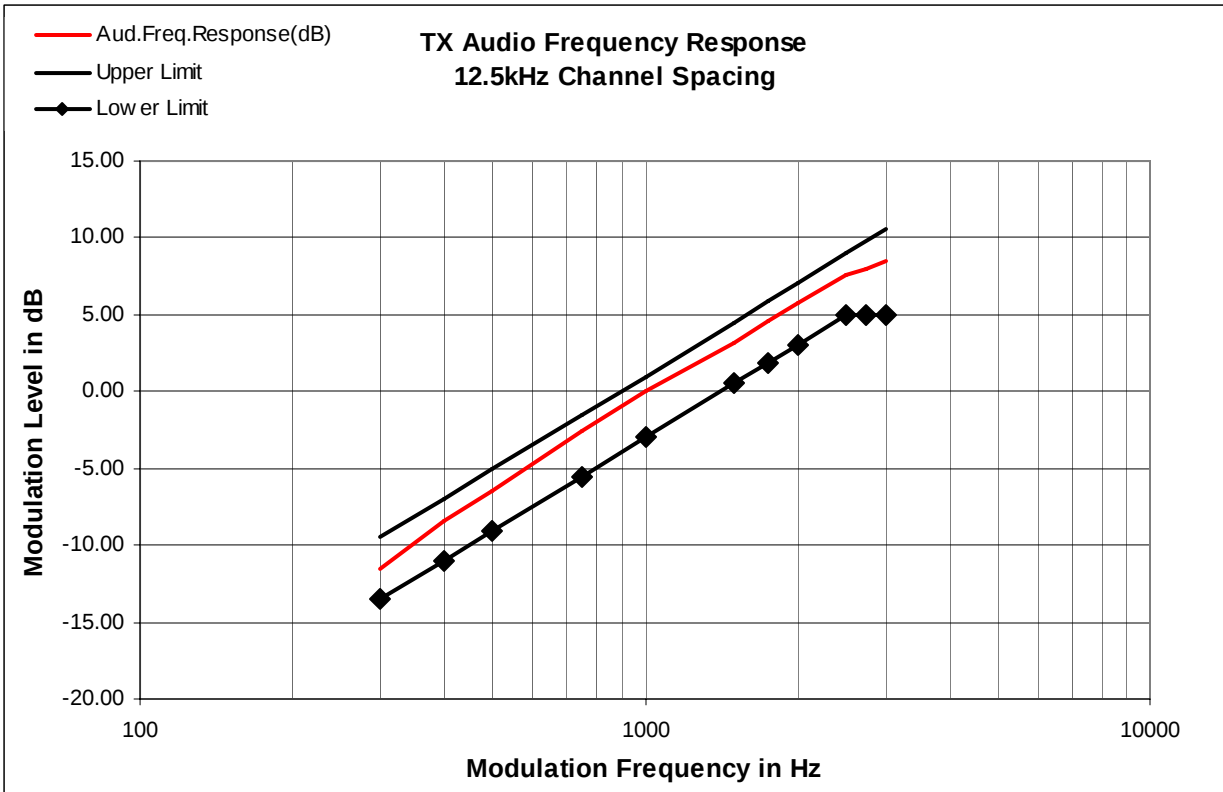
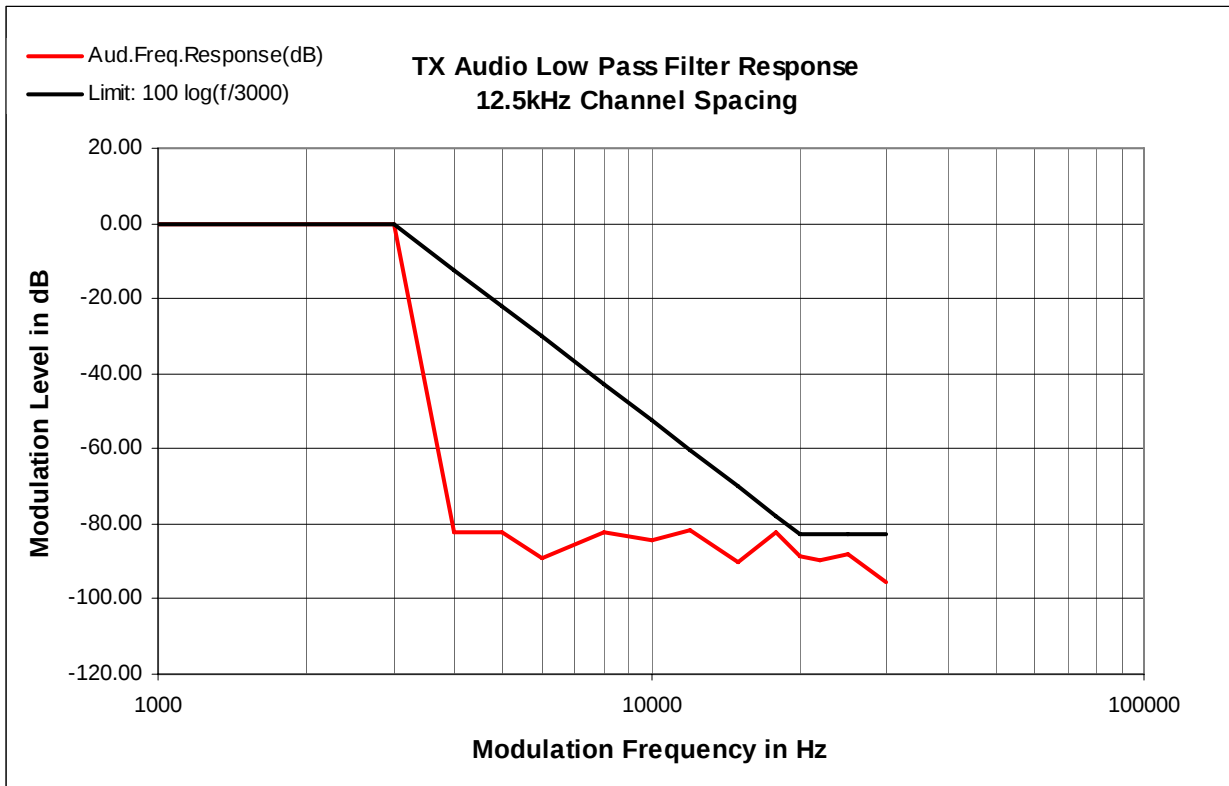


Figure 6B-2: 12.5 kHz Channel Spacing, 937.5 MHz, Transmit Audio Frequency Response

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, 898.5 MHz, Transmit Audio Low Pass Filter Response

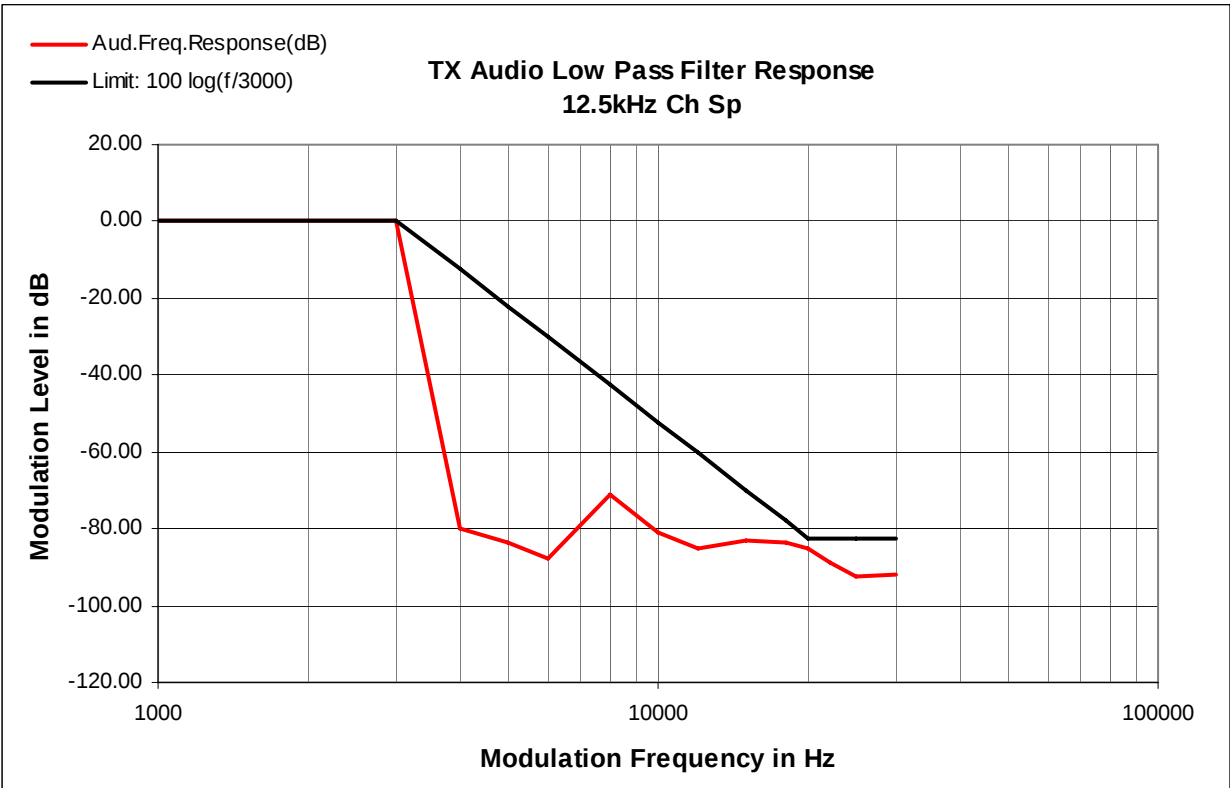


Figure 6C-2: 12.5 kHz Channel Spacing, 937.5 MHz, Transmit Audio Low Pass Filter Response

EXHIBIT 6D

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

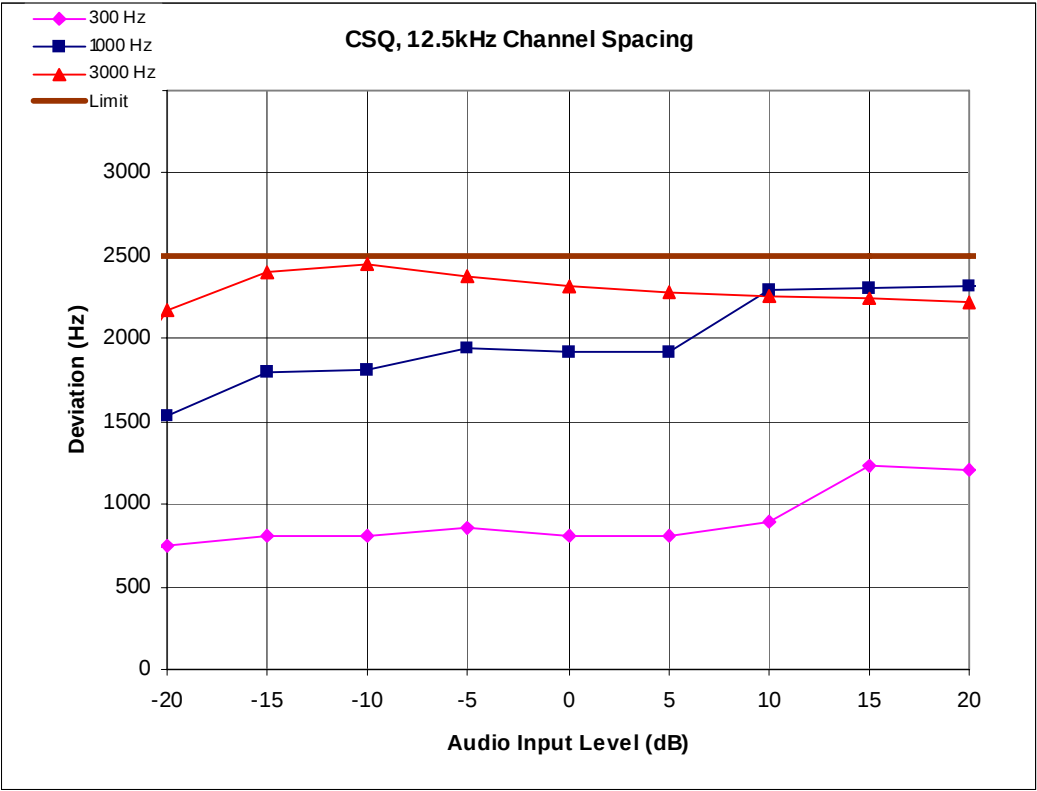


Figure 6D-1: 12.5 kHz Channel Spacing, 898.5 MHz, Carrier Squelch (CSQ) Mode

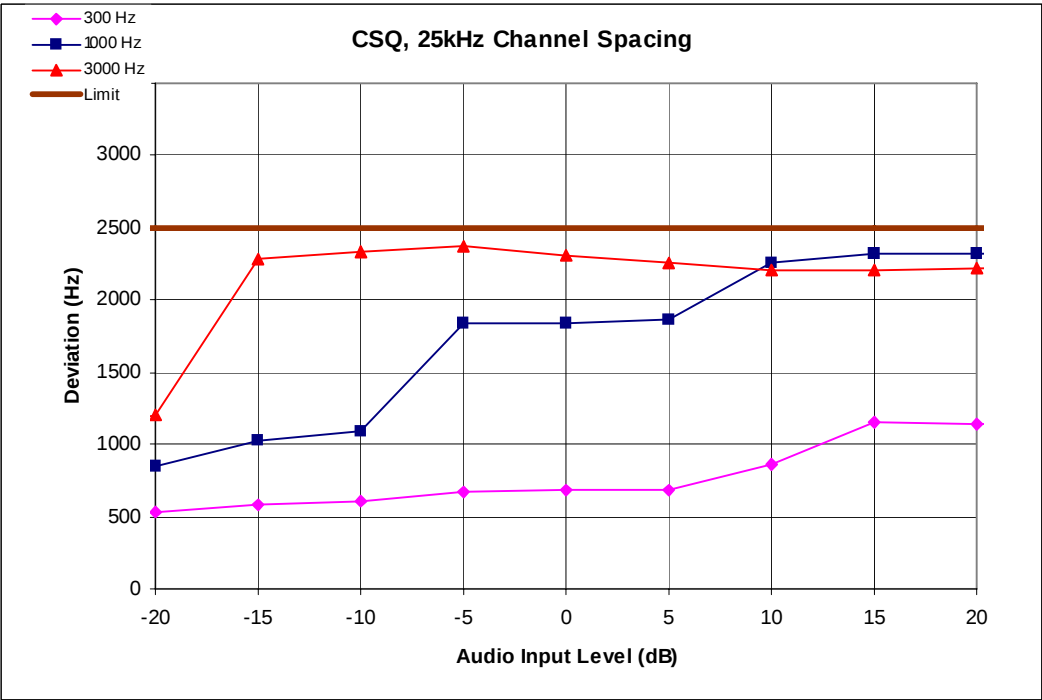


Figure 6D-2: 12.5 kHz Channel Spacing, 937.5 MHz, Carrier Squelch (CSQ) Mode

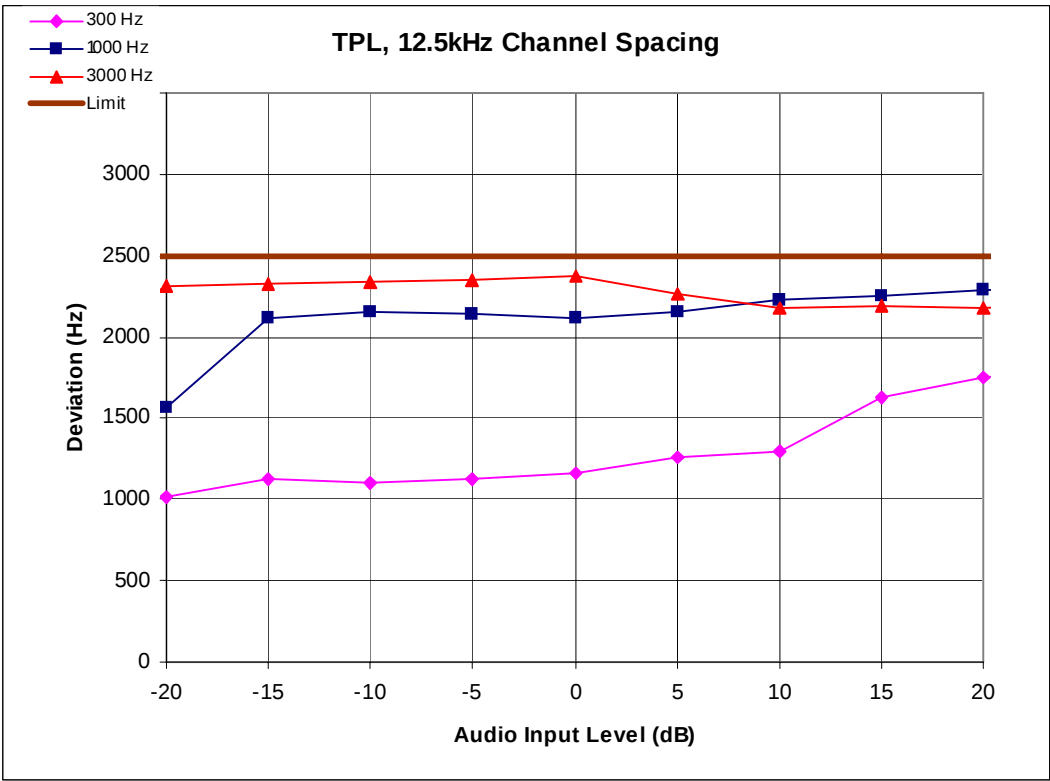


Figure 6D-3: 12.5 kHz Channel Spacing, 898.5 MHz, Tone Private Line (TPL) Mode

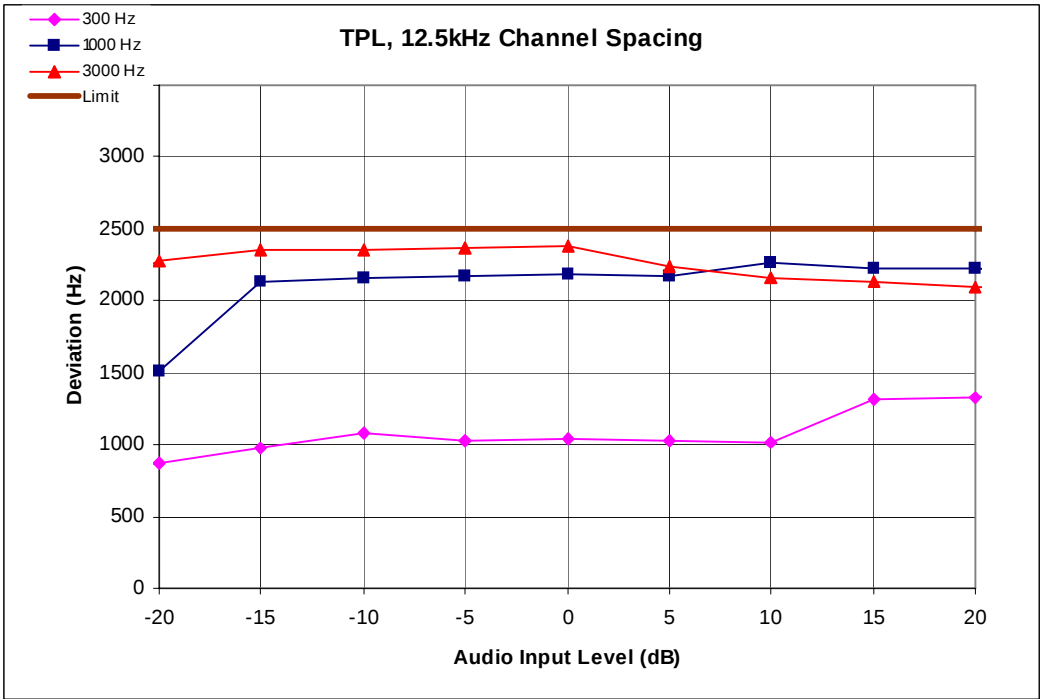


Figure 6D-4: 12.5 kHz Channel Spacing, 937.5 MHz, Tone Private Line (TPL) Mode

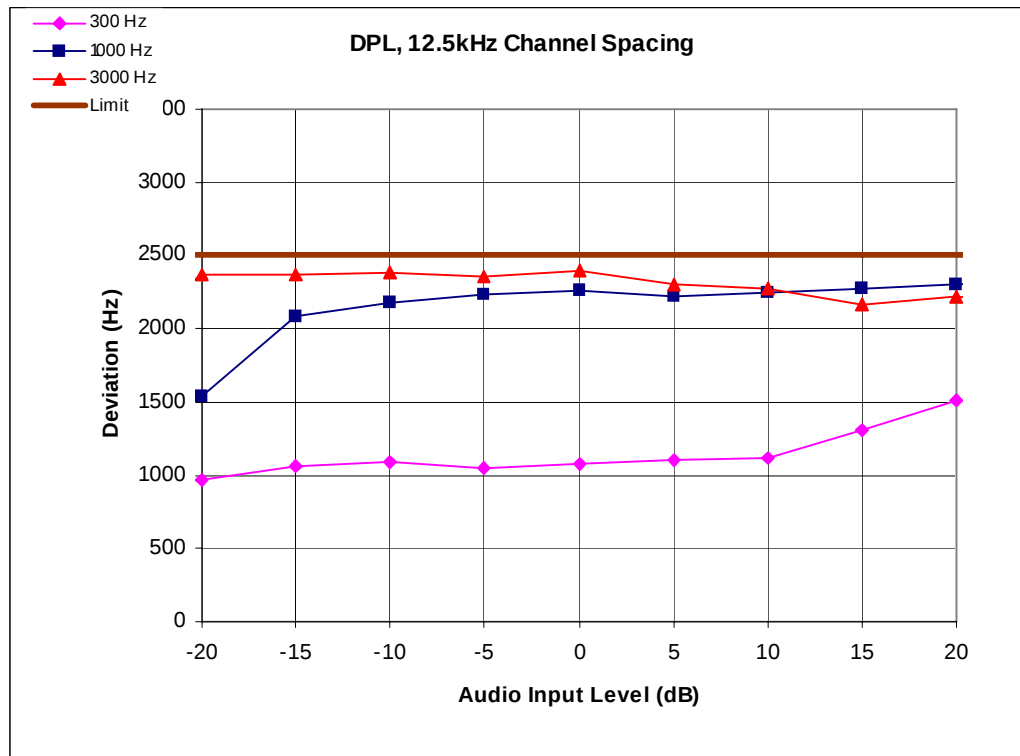


Figure 6D-5: 12.5 kHz Channel Spacing, 898.5 MHz, Digital Private Line (DPL) Mode

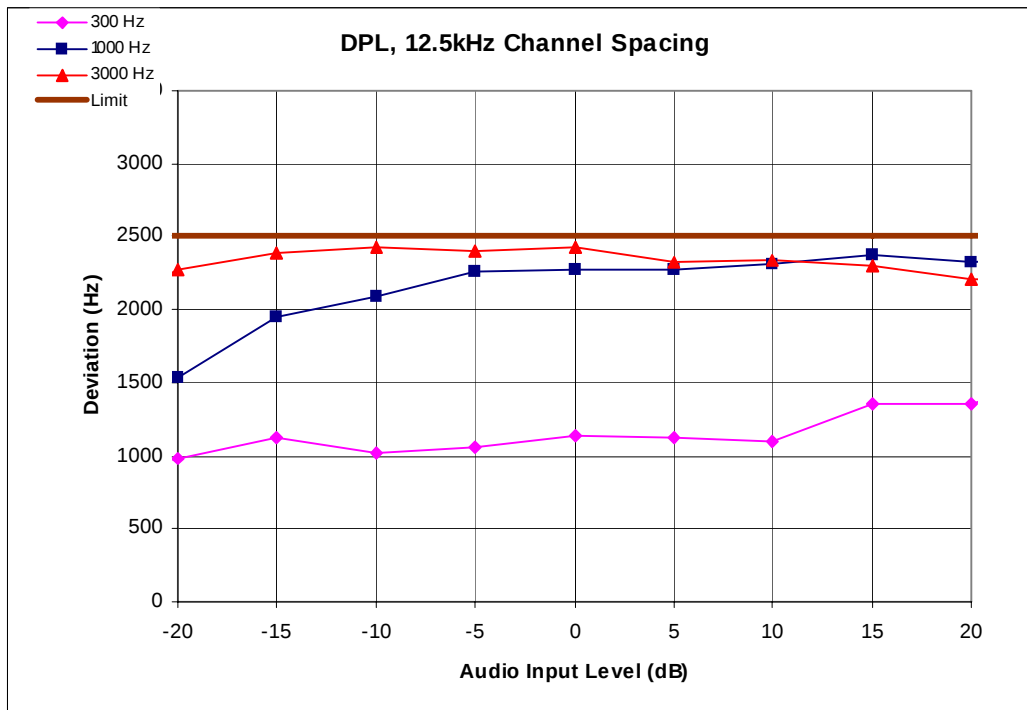


Figure 6D-6: 12.5 kHz Channel Spacing, 937.5 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E

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

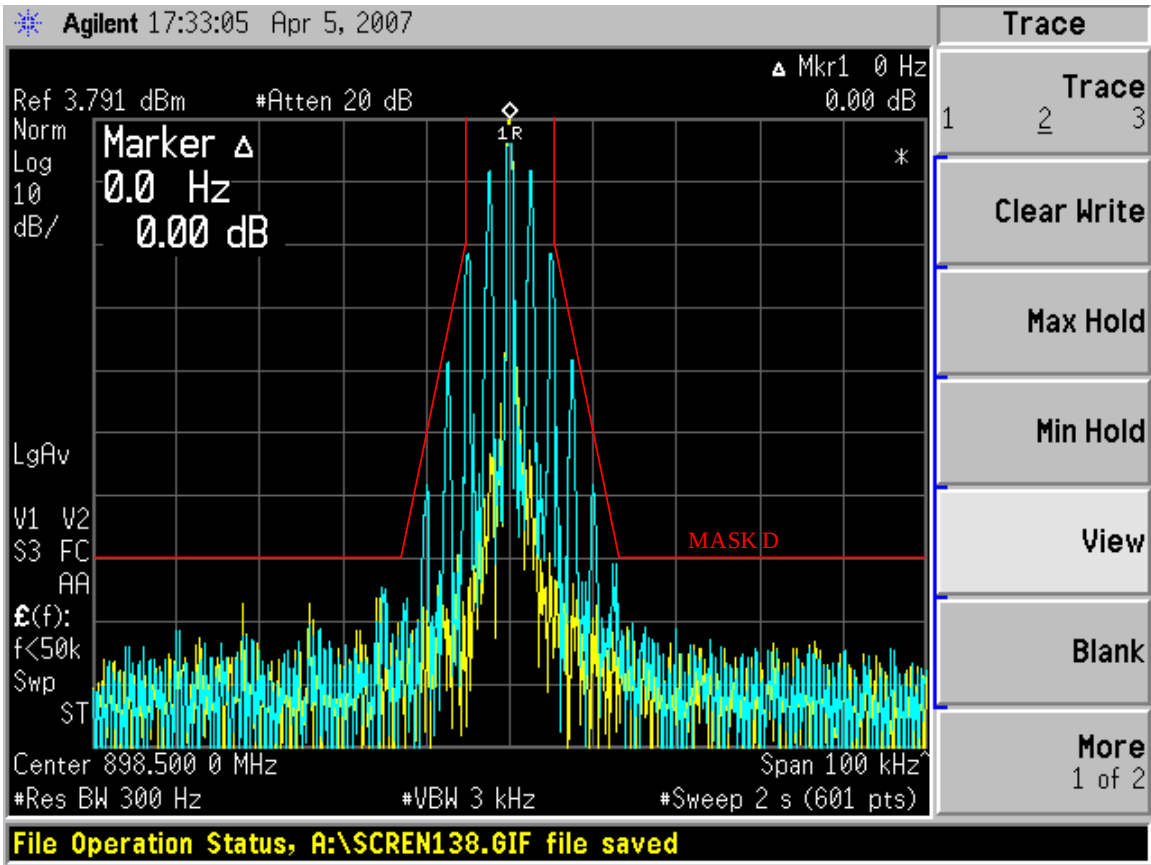


Figure 6E-1: 12.5 kHz Channel Spacing, 898.5 MHz, 2500 Hz Audio Modulation Only, 11K0F3E

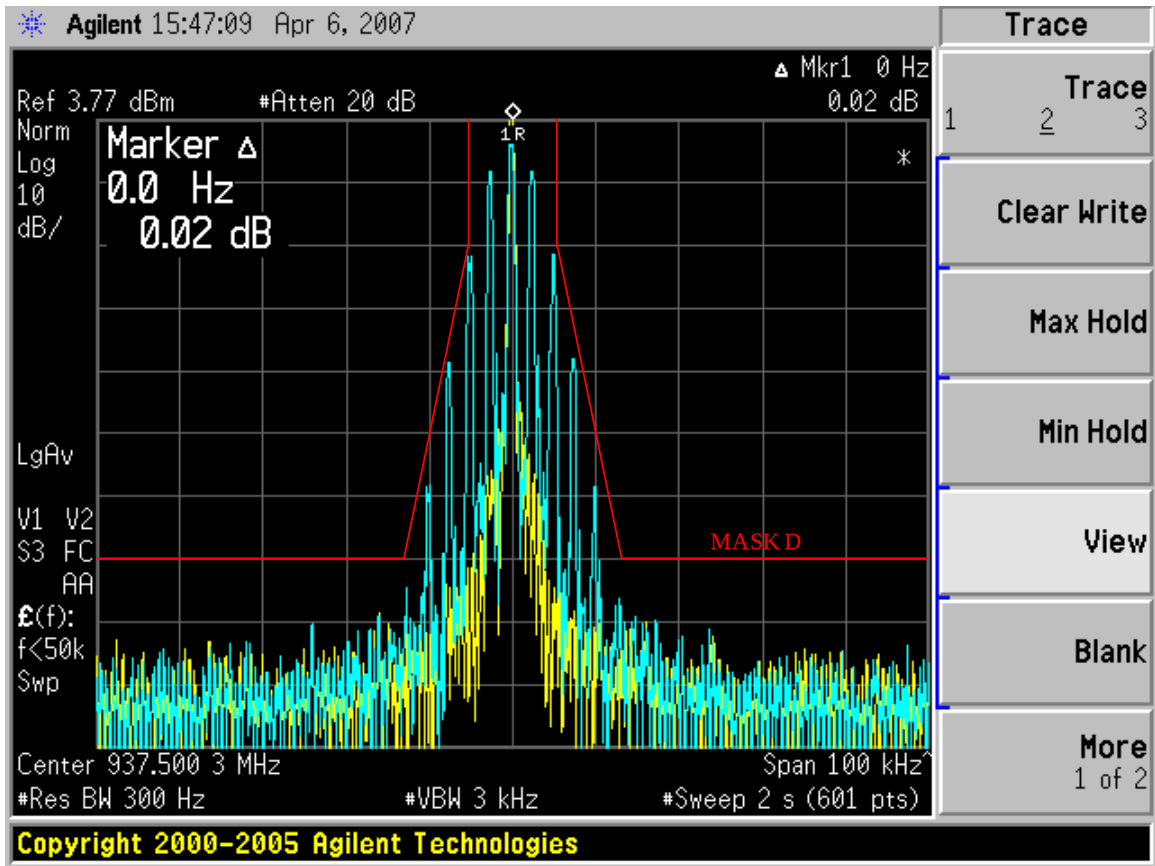


Figure 6E-2: 12.5 kHz Channel Spacing, 937.5 MHz, 2500 Hz Audio Modulation Only, 11K0F3E

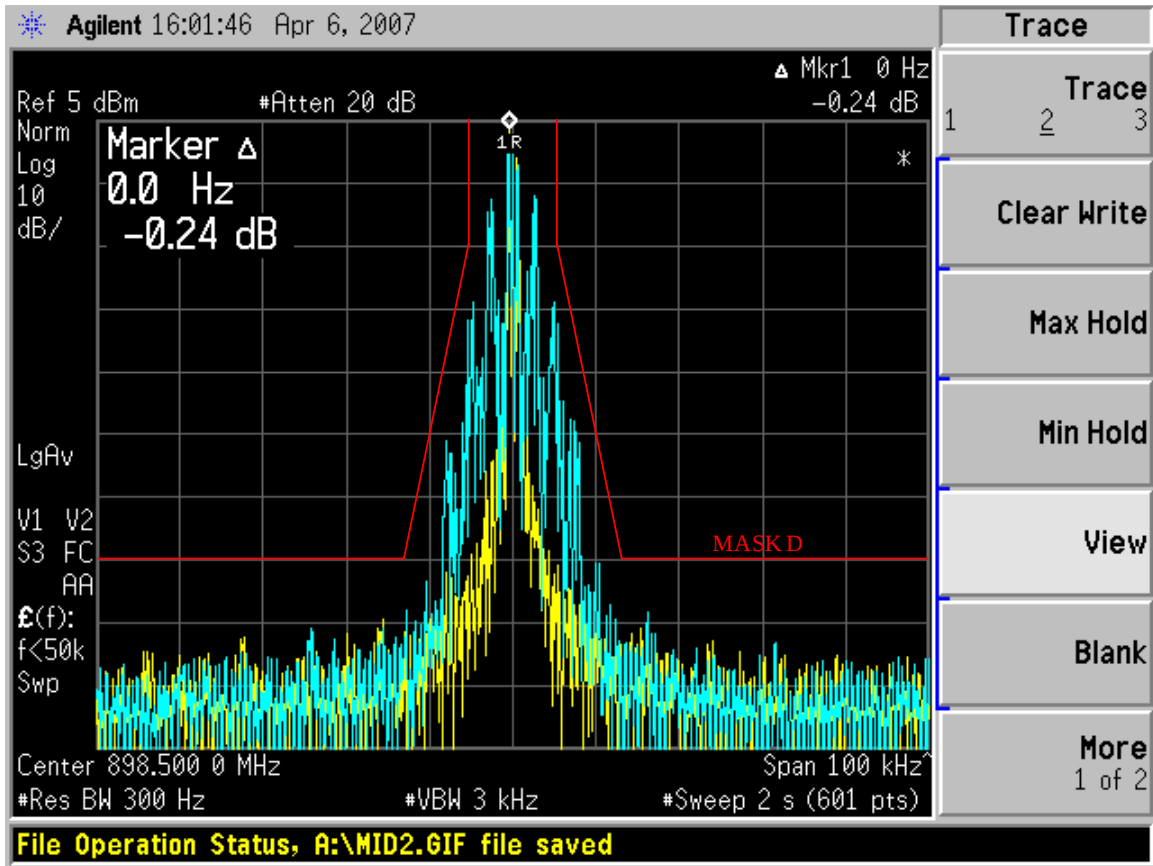


Figure 6E-3: 12.5 kHz Channel Spacing, 898.5 MHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E

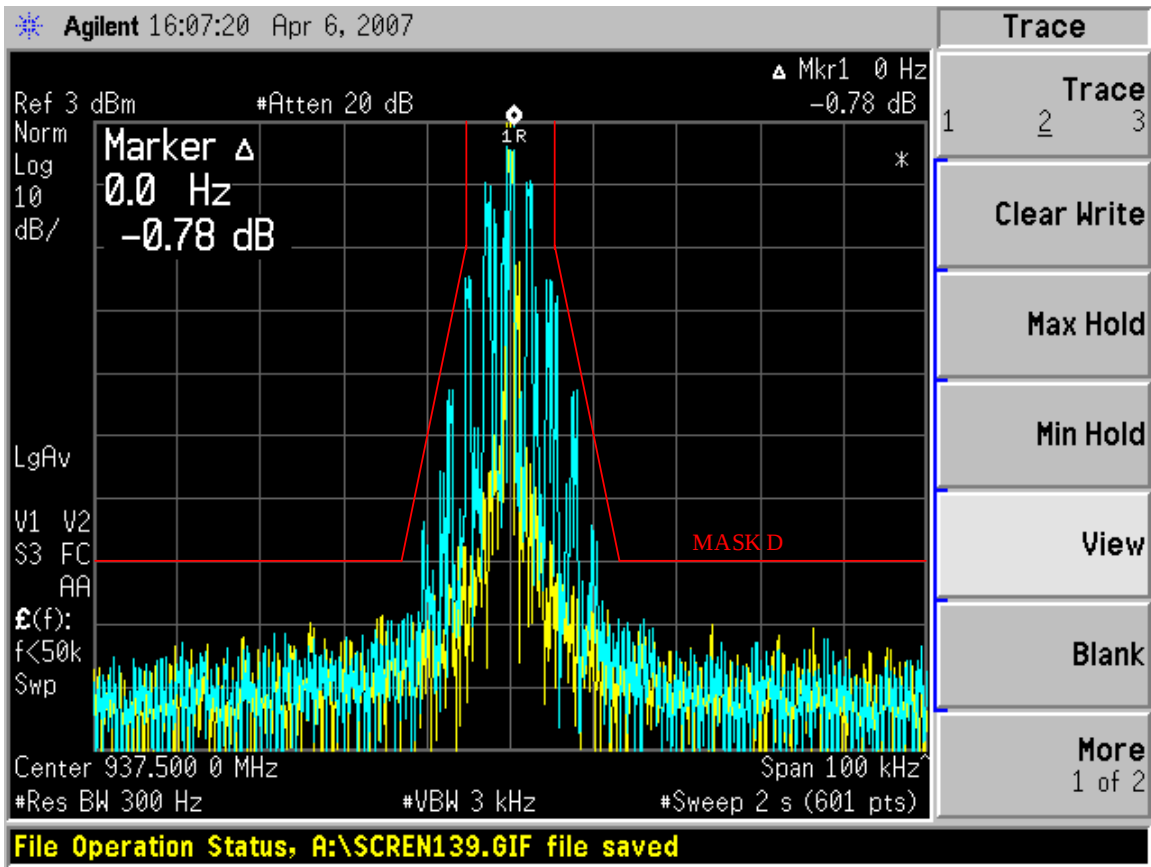


Figure 6E-4: 12.5 kHz Channel Spacing, 937.5 MHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E

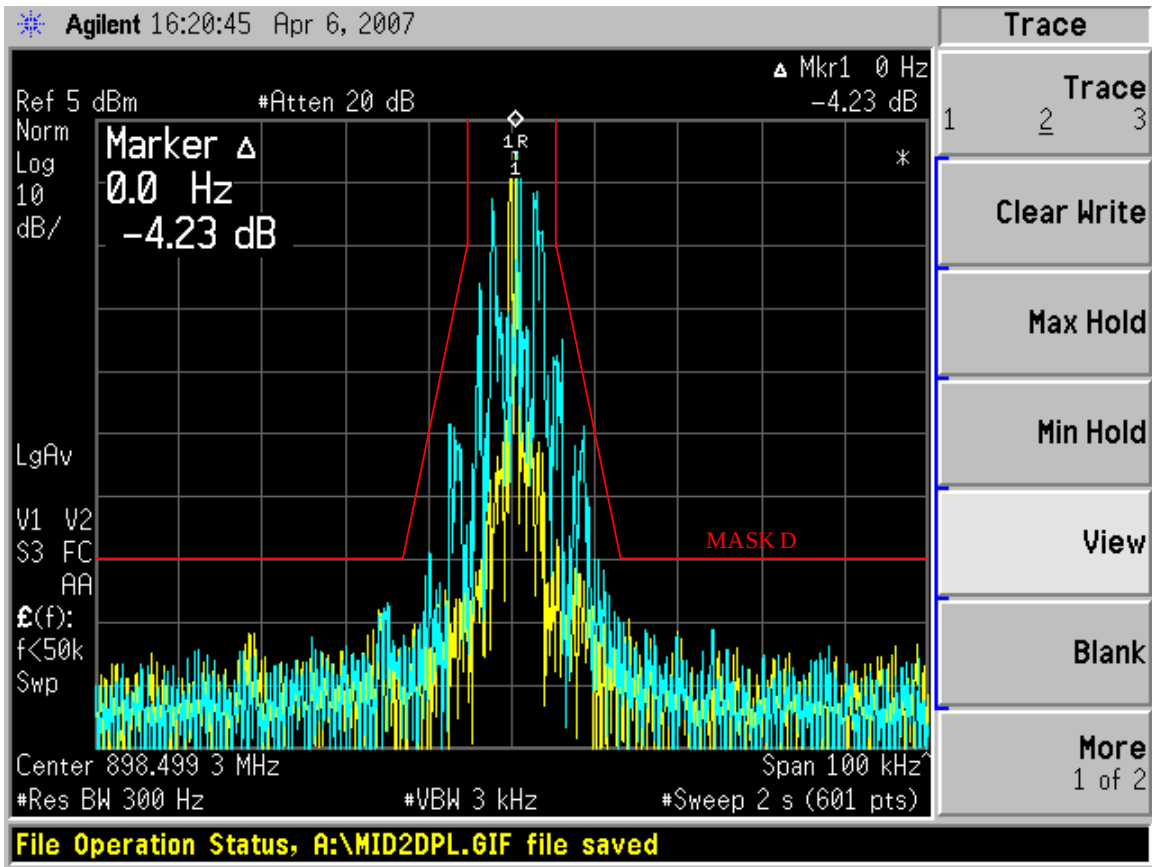


Figure 6E-5: 12.5 kHz Channel Spacing, 898.5 MHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E

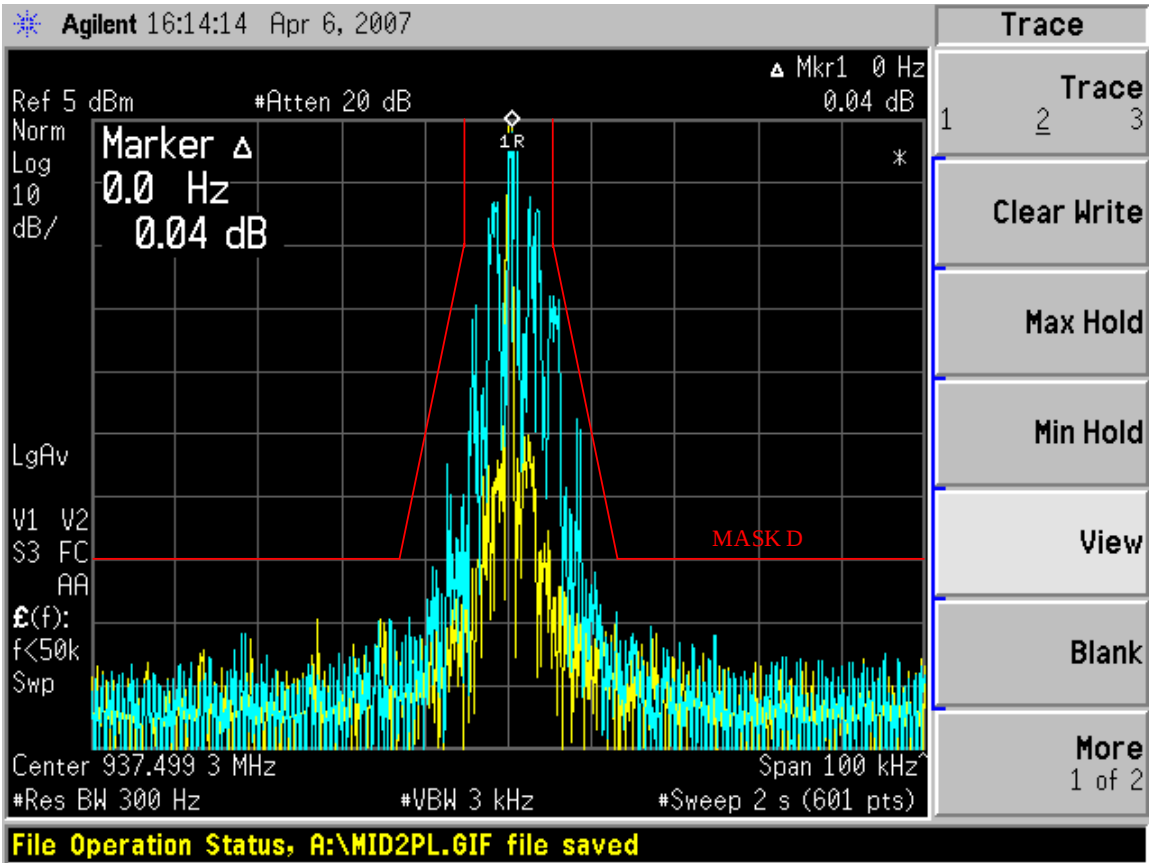


Figure 6E-6: 12.5 kHz Channel Spacing, 937.5 MHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E

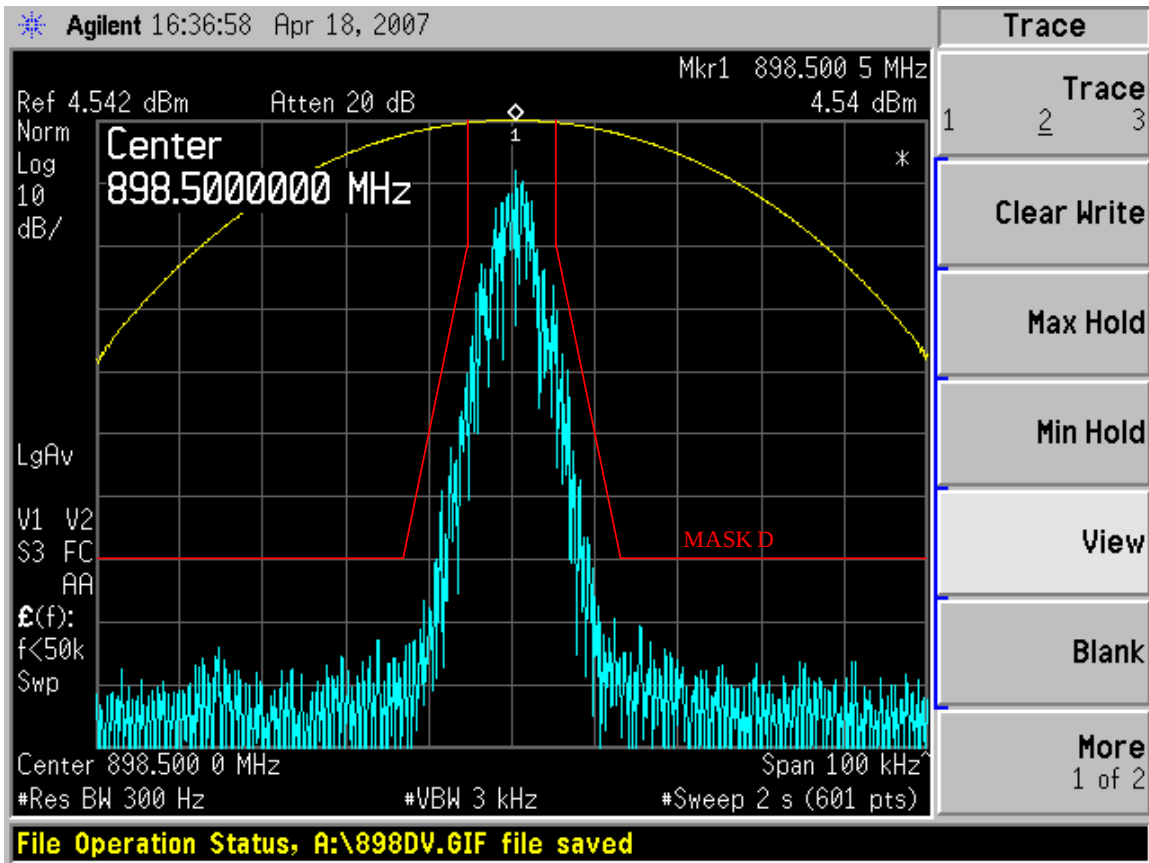


Figure 6E-7: 12.5 kHz Channel Spacing, 898.5 MHz, APCO25 Digital Data (8K10F1D), 8K10F1D

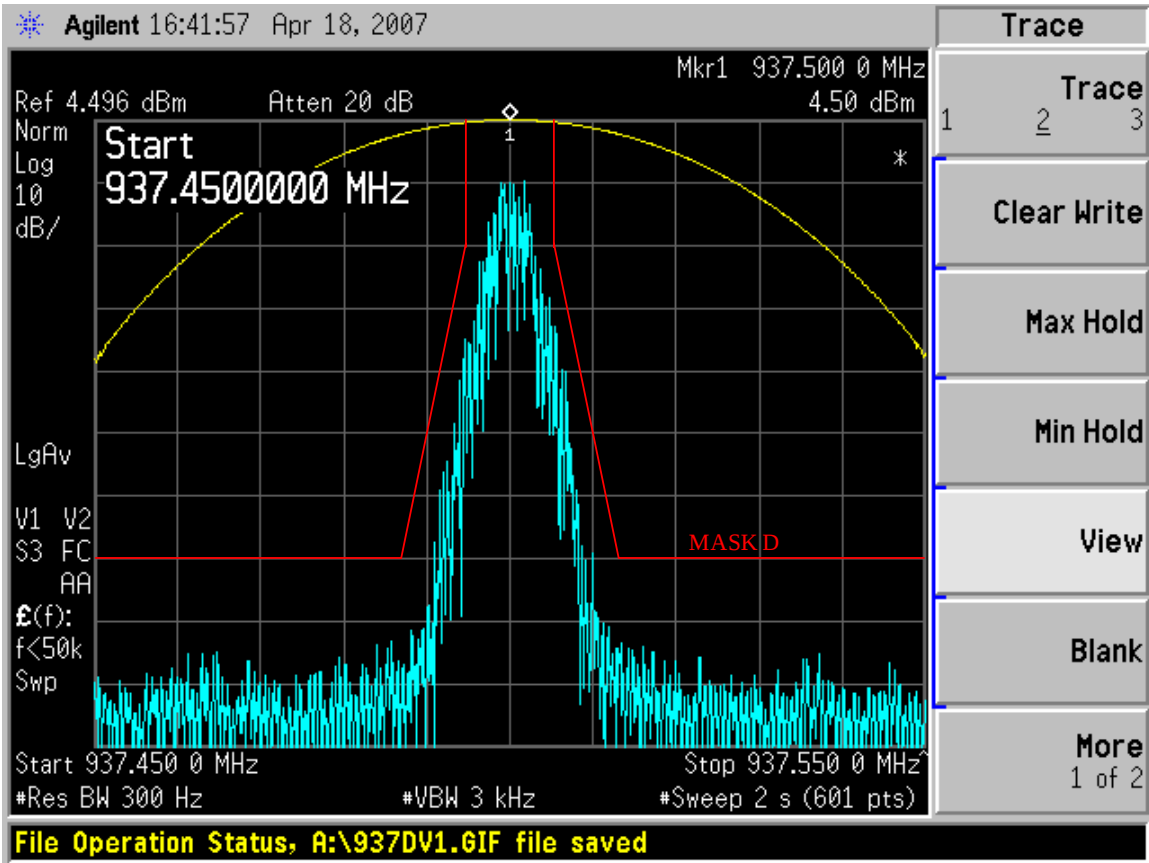


Figure 6E-8: 12.5 kHz Channel Spacing, 937.5 MHz, APCO25 Digital Data (8K10F1D), 8K10F1D

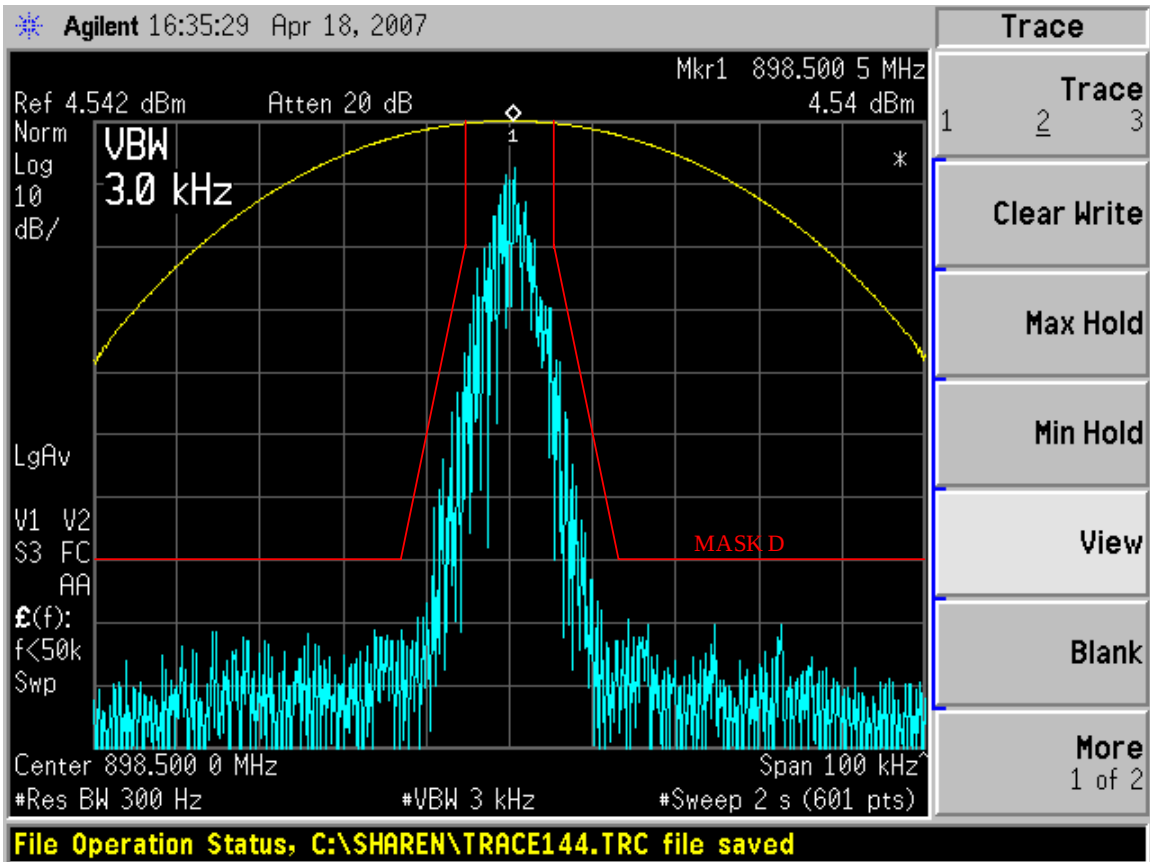


Figure 6E-9: 12.5 kHz Channel Spacing, 898.5 MHz, APCO25 Digital Voice (8K10F1E), 8K10F1E

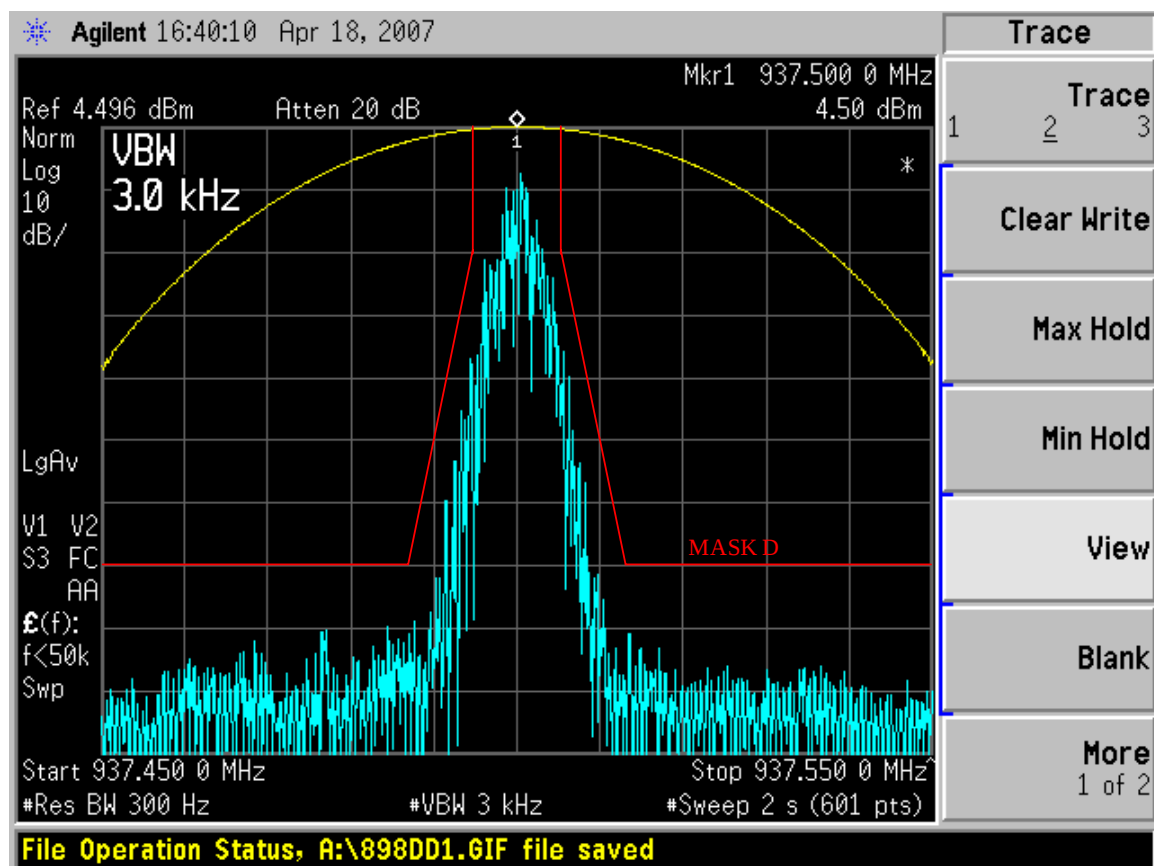


Figure 6E-10: 12.5 kHz Channel Spacing, 937.5 MHz, APCO25 Digital Voice (8K10F1E), 8K10F1E

EXHIBIT 6F

Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)
Note: Red lines on graphs correspond to the FCC limit of -13dBm.

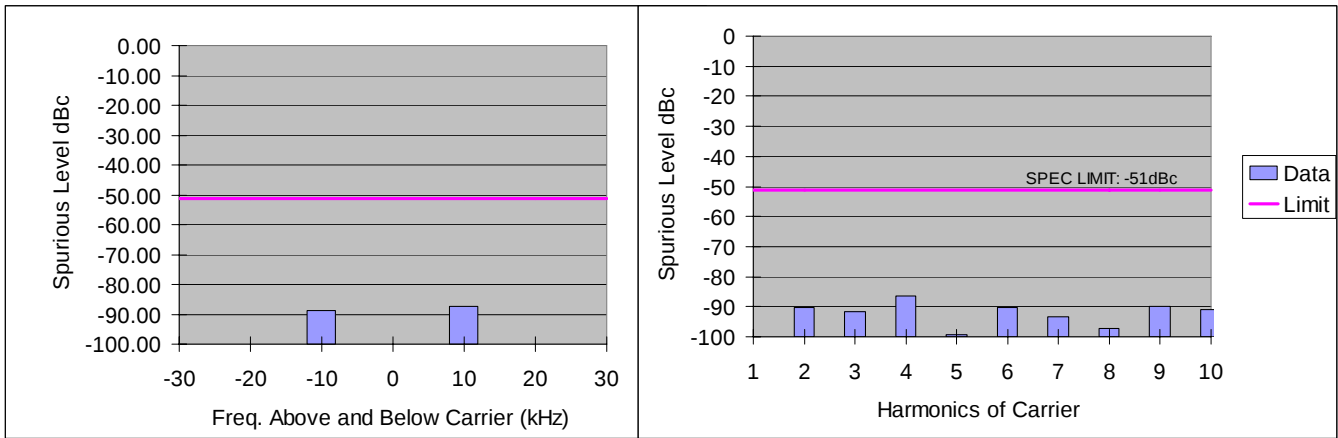


Table 6F-1: 1.3 Watt Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing

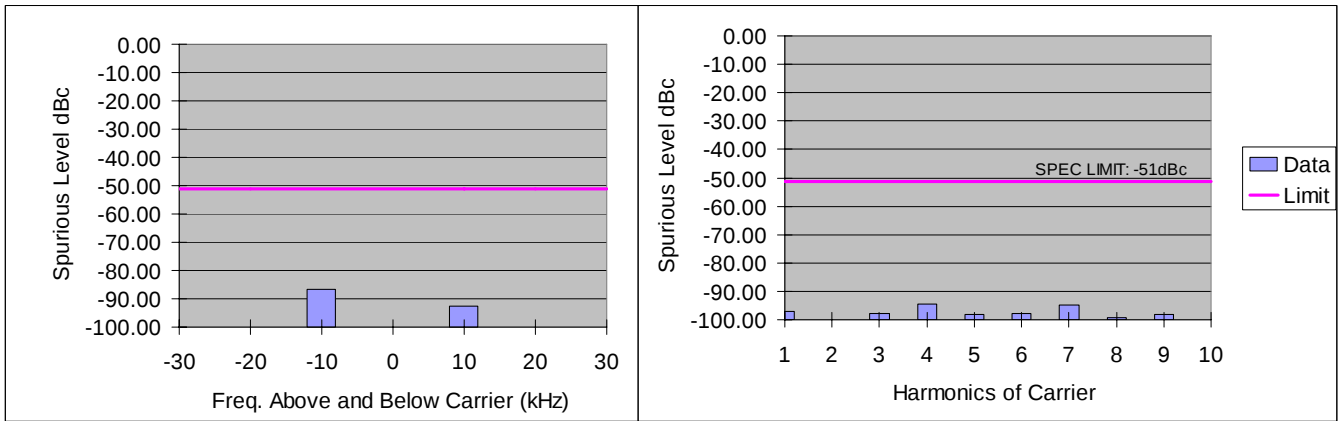


Table 6F-2: 1.3 Watt Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is -51dBc below the specification limits.

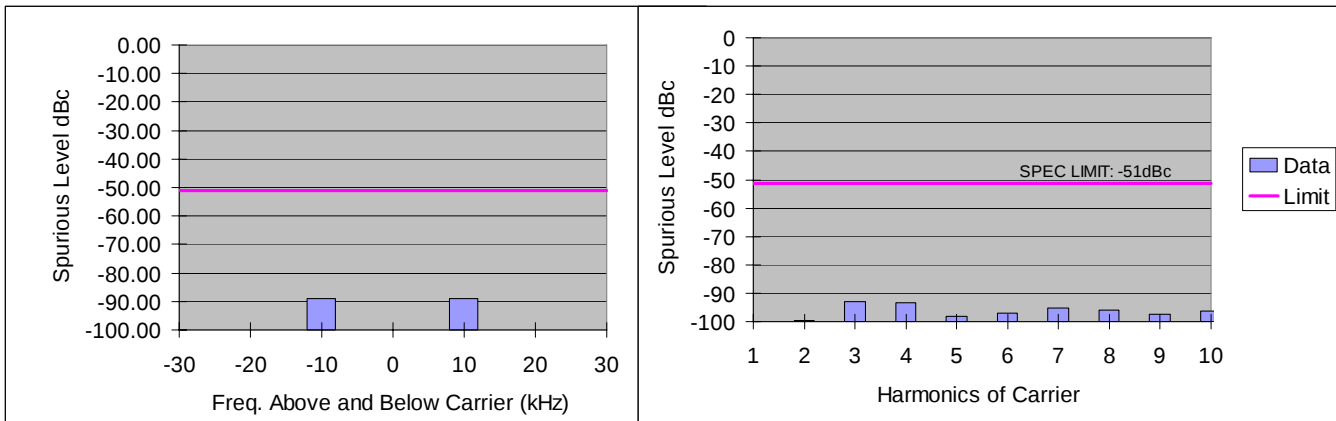


Table 6F-3: 1.3 Watt Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing

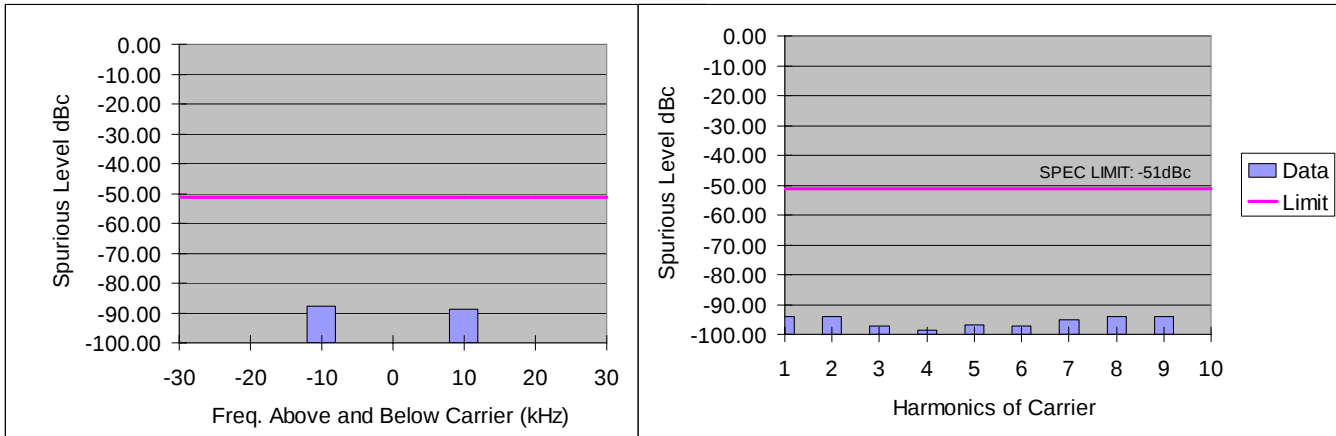


Table 6F-4: 1.3 Watt Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is -51dBc below the specification limits.

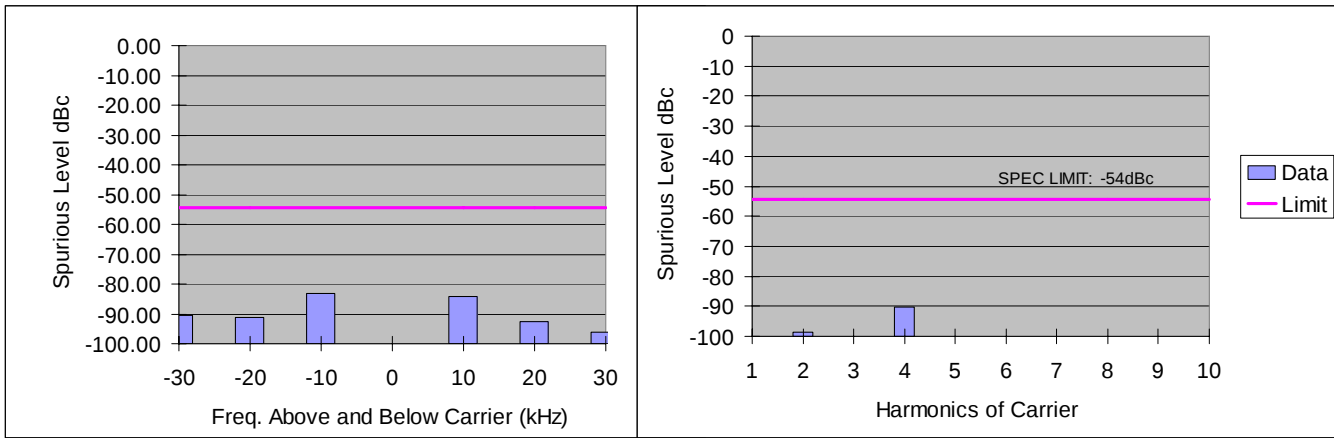


Table 6F-5: 2.8 Watt Harmonic of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing

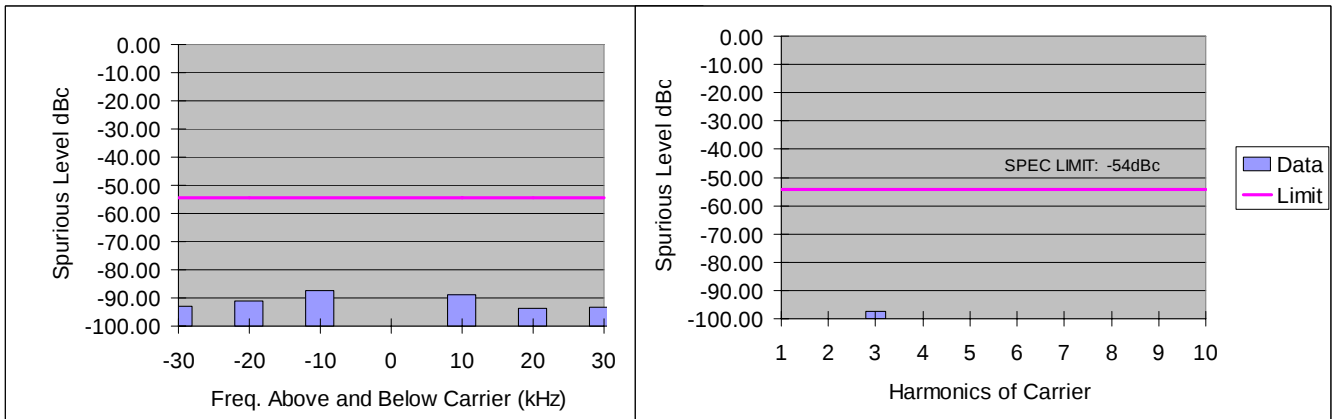


Table 6F-6: 2.8 Watt Harmonic of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is -54dBc below the specification limits.

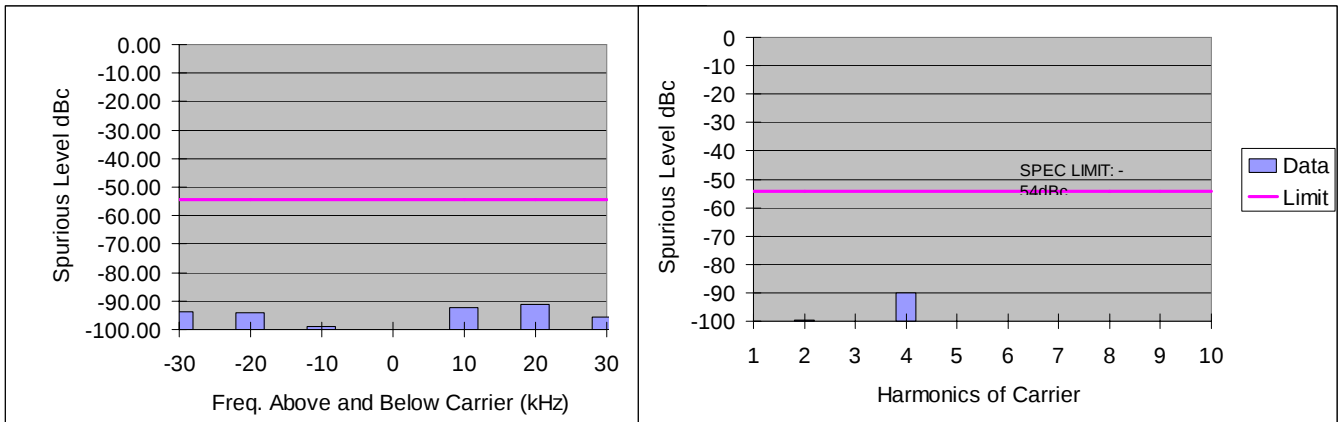


Table 6F-7: 2.8 Watt Harmonic of Carrier 900.9875 MHz, 12.5 kHz Channel Spacing

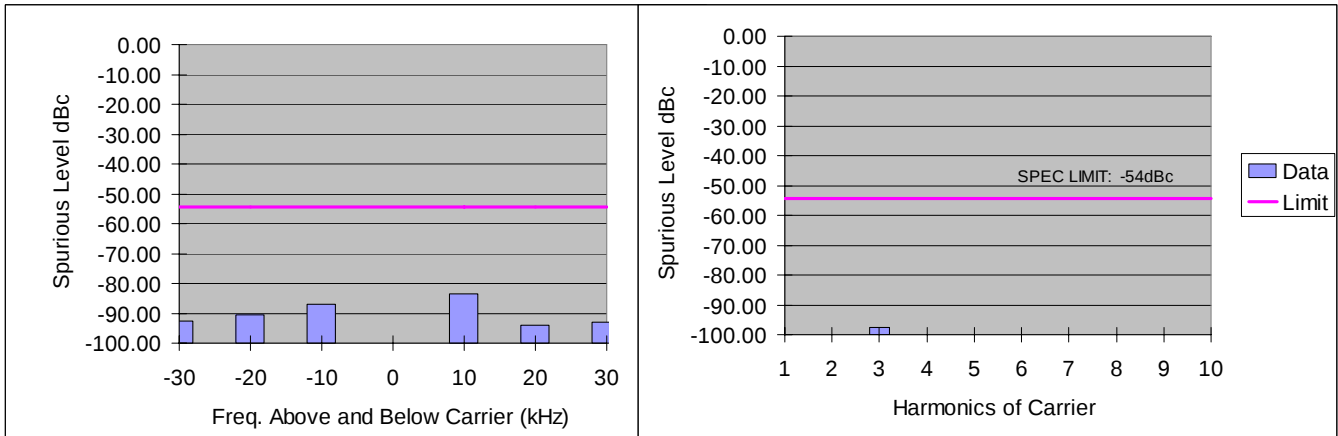
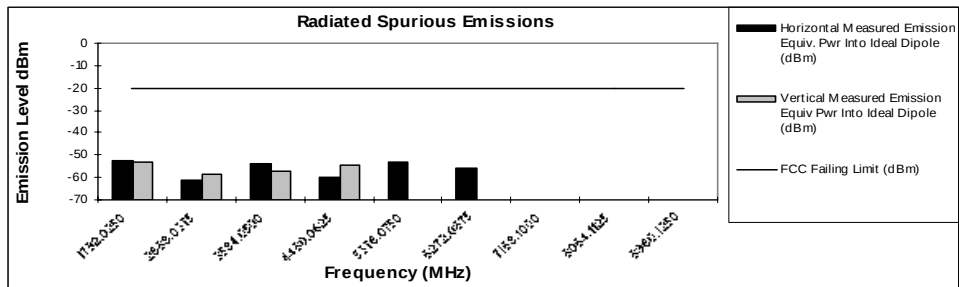


Table 6F-8: 2.8 Watt Harmonic of Carrier 939.9875 MHz, 12.5 kHz Channel Spacing

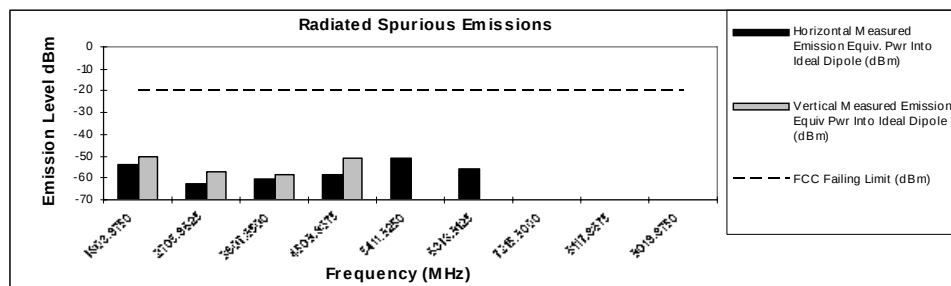
Note: Spurs which are not shown is -54dBc below the specification limits.

EXHIBIT 6G**Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)****Transmit Radiated Spurious Emissions: XTS2500 900MHz****Tx Power: 2.7 Watts****896.0125 MHz****Channel Spacing 12.5kHz | S/N TB1GCOKO**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-20	-52.36	-52.92
2688.0375	-20	-61.24	-58.30
3584.0500	-20	-54.16	-57.41
4480.0625	-20	-60.01	-54.34
5376.0750	-20	-53.40	*
6272.0875	-20	-55.72	*
7168.1000	-20	*	*
8064.1125	-20	*	*
8960.1250	-20	*	*

**Table 6G-1: 2.7Watt Transmit Radiated Spurious Emission of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing****Transmit Radiated Spurious Emissions: XTS2500 900MHz****Tx Power: 2.7 Watts****901.9875 MHz****Channel Spacing 12.5kHz | S/N TB1GCOKO**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1803.9750	-20	-53.62	-50.57
2705.9625	-20	-62.69	-57.04
3607.9500	-20	-60.25	-58.56
4509.9375	-20	-58.66	-50.98
5411.9250	-20	-51.02	*
6313.9125	-20	-55.51	*
7215.9000	-20	*	*
8117.8875	-20	*	*
9019.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

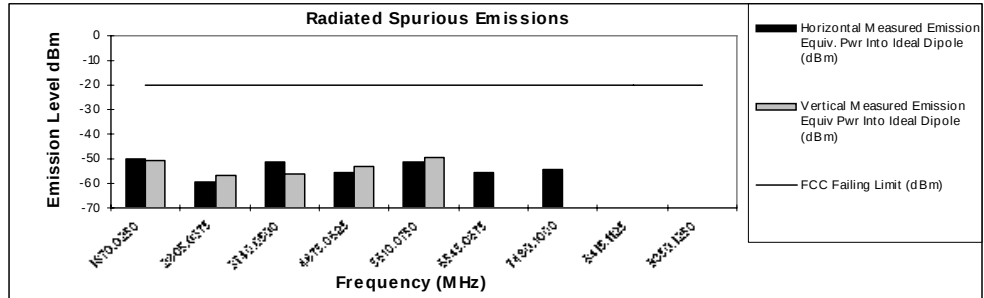
Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan
 FCC Registration: 91932 / Industry Canada: IC3679A-1

March 12, 2007

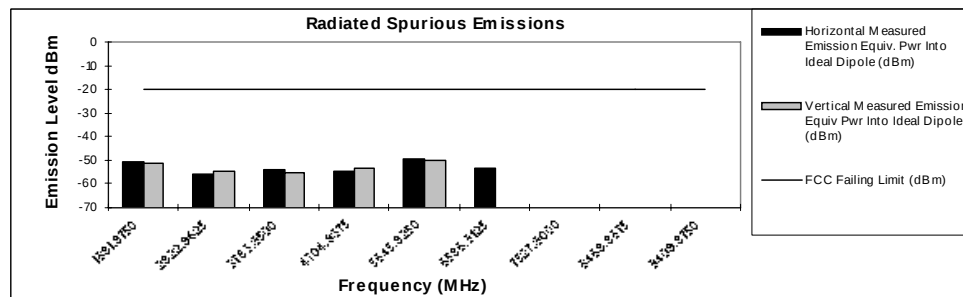
Table 6G-2: 2.7Watt Transmit Radiated Spurious Emission of Carrier 901.9875 MHz, 12.5 kHz Channel Spacing

Transmit Radiated Spurious Emissions: XTS2500 900MHz**Tx Power: 2.7 Watts****935.0125 MHz****Channel Spacing 12.5kHz | S/N TB1GCOKO**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-20	-49.89	-50.89
2805.0375	-20	-59.68	-56.57
3740.0500	-20	-51.01	-56.37
4675.0625	-20	-55.66	-52.98
5610.0750	-20	-51.35	-49.21
6545.0875	-20	-55.31	*
7480.1000	-20	-54.18	*
8415.1125	-20	*	*
9350.1250	-20	*	*

**Table 6G-3: 2.7Watt Transmit Radiated Spurious Emission of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing****Transmit Radiated Spurious Emissions: XTS2500 900MHz****Tx Power: 2.7 Watts****940.9875 MHz****Channel Spacing 12.5kHz | S/N TB1GCOKO**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1881.9750	-20	-51.05	-51.60
2822.9625	-20	-56.05	-54.41
3763.9500	-20	-53.67	-55.14
4704.9375	-20	-54.70	-53.04
5645.9250	-20	-49.20	-50.22
6586.9125	-20	-53.25	*
7527.9000	-20	*	*
8468.8875	-20	*	*
9409.8750	-20	*	*



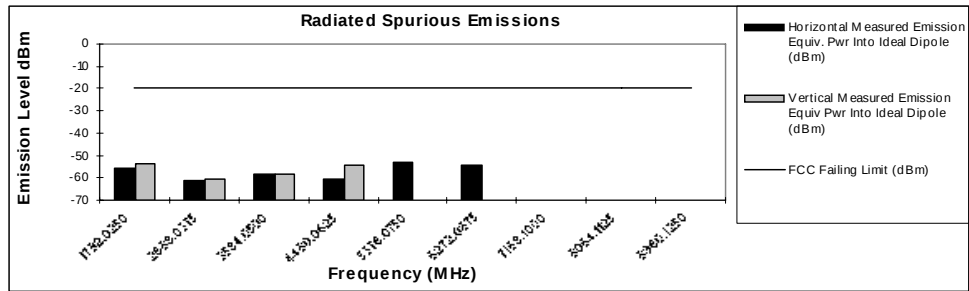
* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

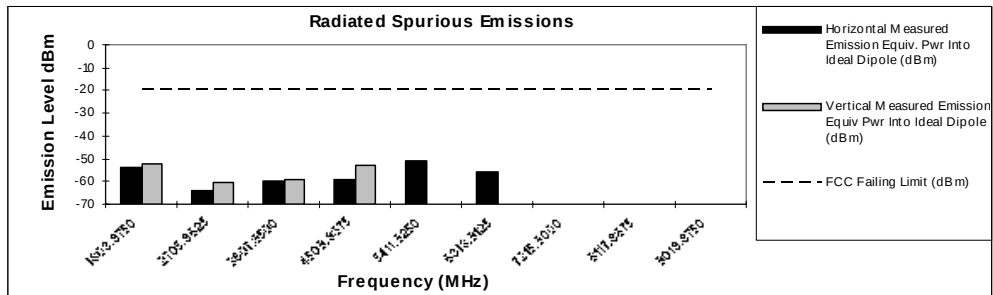
Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan**March 12, 2007****FCC Registration: 91932 / Industry Canada: IC3679A-1****Table 6G-4: 2.7Watt Transmit Radiated Spurious Emission of Carrier 940.9875 MHz, 12.5 kHz Channel Spacing**

Transmit Radiated Spurious Emissions: XTS2500 900MHz**Tx Power: 1.6 Watts****896.0125 MHz****Channel Spacing 12.5kHz | S/N TB1GCOKO**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-20	-55.41	-53.48
2688.0375	-20	-61.22	-60.55
3584.0500	-20	-58.43	-58.47
4480.0625	-20	-60.75	-54.34
5376.0750	-20	-52.91	*
6272.0875	-20	-54.58	*
7168.1000	-20	*	*
8064.1125	-20	*	*
8960.1250	-20	*	*

**Table 6G-5: 1.6 Watt Transmit Radiated Spurious Emission of Carrier 896.0125 MHz, 12.5 kHz Channel Spacing****Transmit Radiated Spurious Emissions: XTS2500 900MHz****Tx Power: 1.6 Watts****901.9875 MHz****Channel Spacing 12.5kHz | S/N TB1GCOKO**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1803.9750	-20	-53.47	-52.45
2705.9625	-20	-63.82	-60.28
3607.9500	-20	-59.94	-58.94
4509.9375	-20	-58.82	-53.30
5411.9250	-20	-50.90	*
6313.9125	-20	-55.86	*
7215.9000	-20	*	*
8117.8875	-20	*	*
9019.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan
 FCC Registration: 91932 / Industry Canada: IC3679A-1

March 12, 2007**Table 6G-6: 1.6 Watt Transmit Radiated Spurious Emission of Carrier 901.9875 MHz, 12.5 kHz Channel Spacing**

Transmit Radiated Spurious Emissions: XTS2500 900MHz
Tx Power: 1.6 Watts

935.0125 MHz		Channel Spacing 12.5kHz S/N TB1GCOKO	
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-20	-50.77	-52.37
2805.0375	-20	-61.99	-60.49
3740.0500	-20	-56.29	-57.85
4675.0625	-20	-57.37	*
5610.0750	-20	-51.75	*
6545.0875	-20	-55.23	*
7480.1000	-20	*	*
8415.1125	-20	*	*
9350.1250	-20	*	*

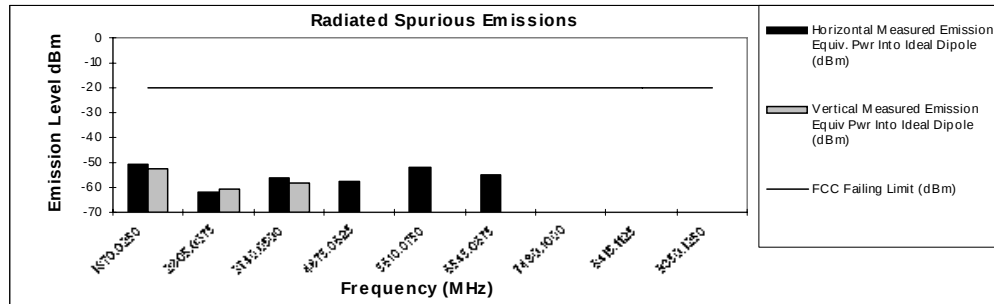
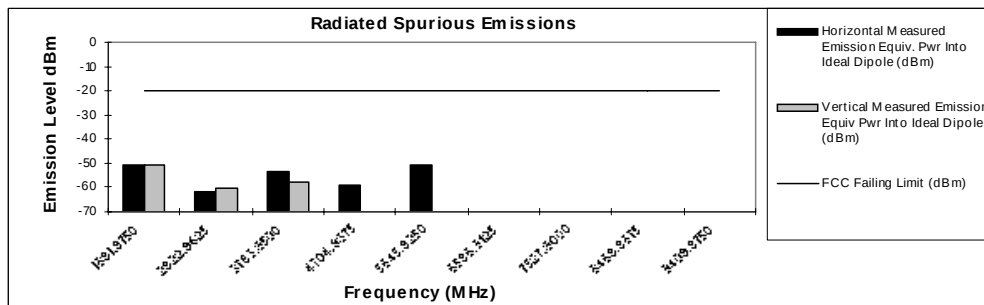


Table 6G-7: 1.6 Watt Transmit Radiated Spurious Emission of Carrier 935.0125 MHz, 12.5 kHz Channel Spacing

Transmit Radiated Spurious Emissions: XTS2500 900MHz
Tx Power: 1.6 Watts

940.9875 MHz		Channel Spacing 12.5kHz S/N TB1GCOKO	
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1881.9750	-20	-50.78	-50.75
2822.9625	-20	-61.90	-60.30
3763.9500	-20	-53.52	-58.03
4704.9375	-20	-58.94	*
5645.9250	-20	-50.87	*
6586.9125	-20	*	*
7527.9000	-20	*	*
8468.8875	-20	*	*
9409.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

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Table 6G-8: 1.6 Watt Transmit Radiated Spurious Emission of Carrier 940.9875 MHz, 12.5 kHz Channel Spacing

EXHIBIT 6H

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

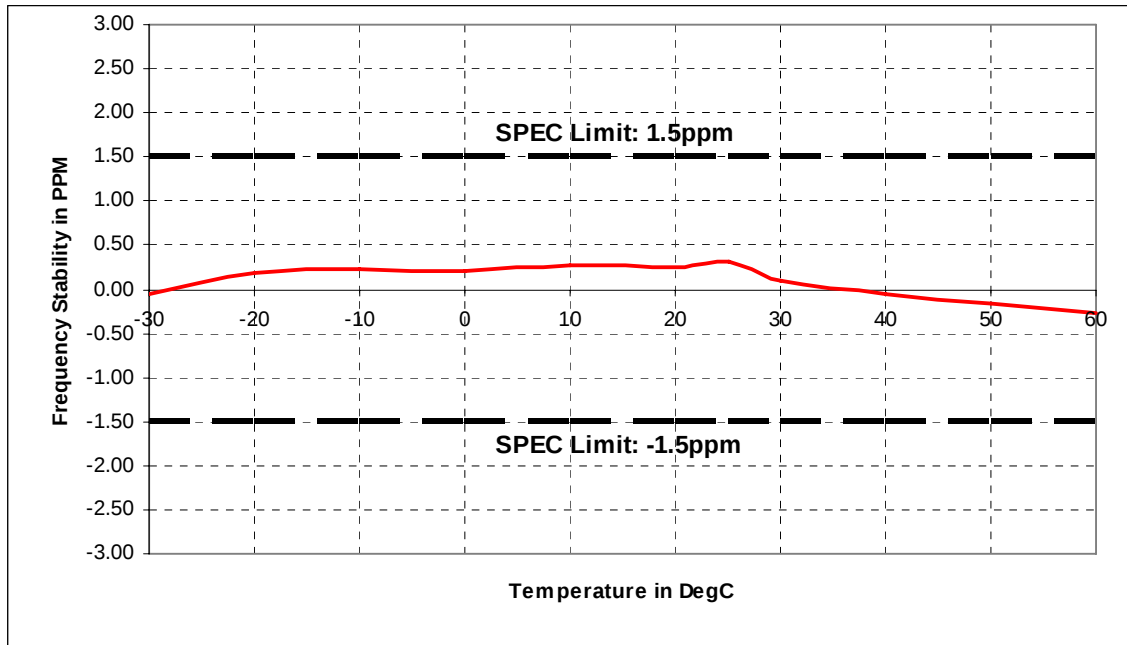


Figure 6H-1: Frequency Stability vs. Temperature, 898.5 MHz

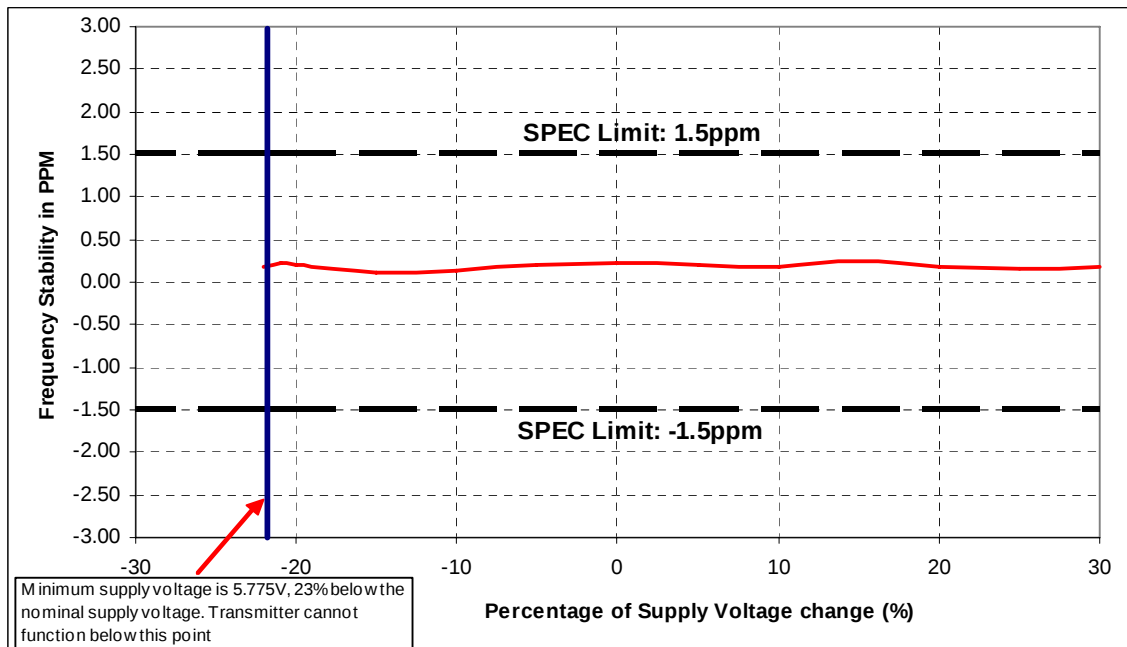


Figure 6H-2: Frequency Stability vs. Voltage, 898.5MHz

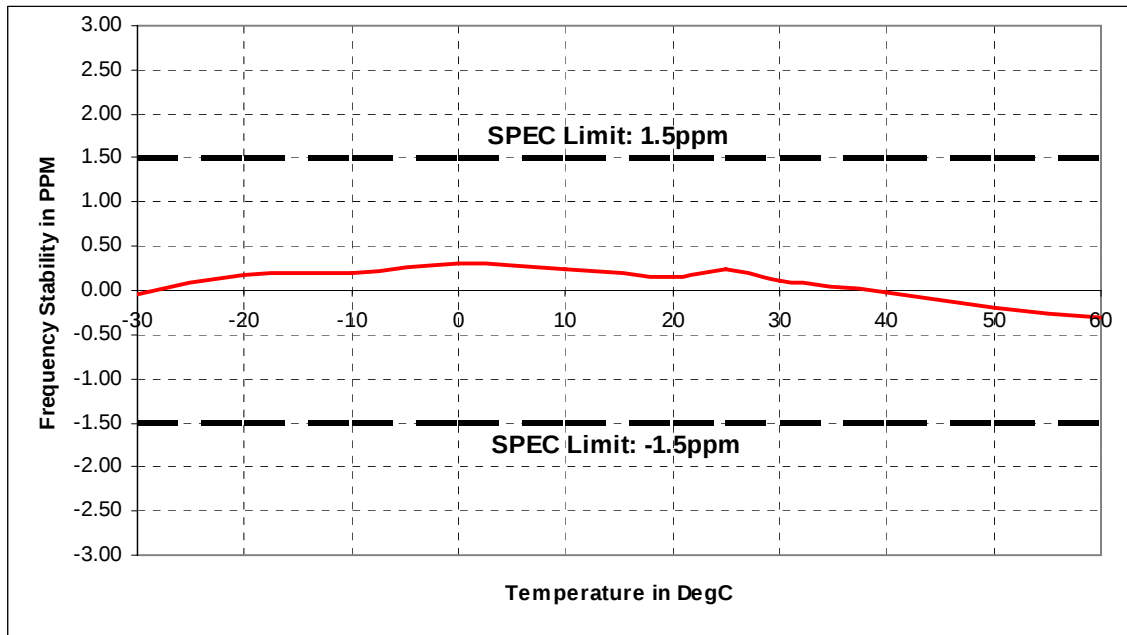


Figure 6H-3: Frequency Stability vs. Temperature, 937.5 MHz

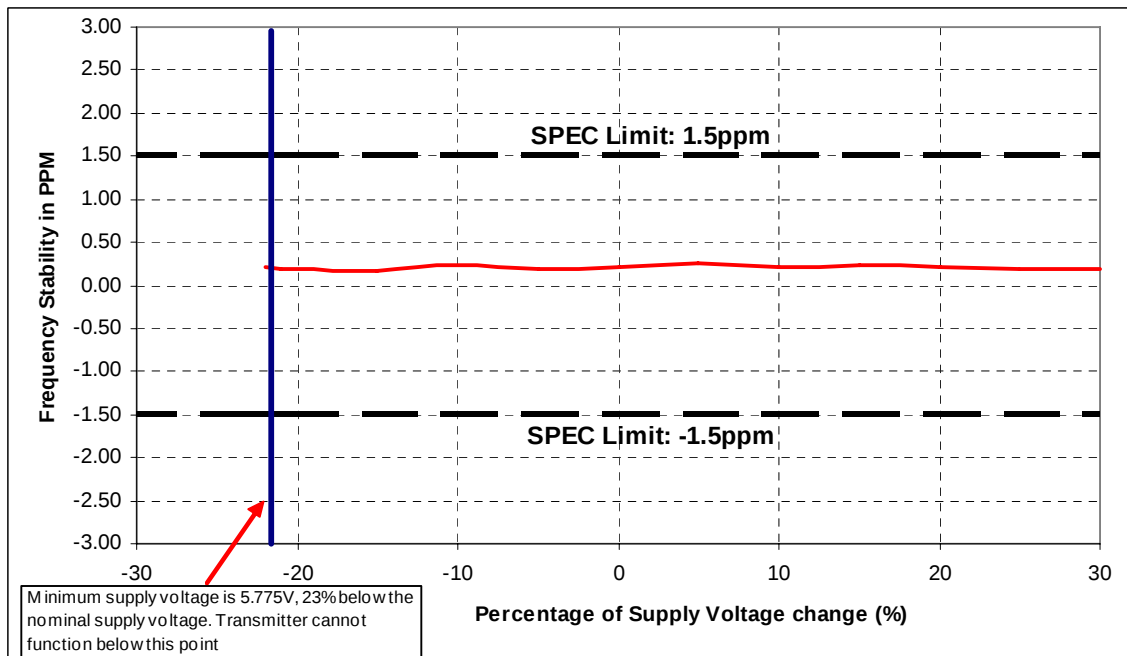


Figure 6H-4: Frequency Stability vs. Voltage, 937.5MHz