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

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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 438.0125 MHz:

Output RF power	44.8	Watts
DC Voltage	13.6	Volts
DC Current	6.09	A
DC Input Power	82.824	Watts

At minimum output power setting, Frequency 438.0125 MHz:

Output RF power	27.3	Watts
DC Voltage	13.6	Volts
DC Current	4.68	A
DC Input Power	63.648	Watts

At maximum output power setting, Frequency 454.0125 MHz:

Output RF power	44.4	Watts
DC Voltage	13.6	Volts
DC Current	5.73	A
DC Input Power	77.93	Watts

At minimum output power setting, Frequency 454.0125 MHz:

Output RF power	27.3	Watts
DC Voltage	13.6	Volts
DC Current	4.39	A
DC Input Power	59.704	Watts

At maximum output power setting, Frequency 469.9875 MHz:

Output RF power	45.2	Watts
DC Voltage	13.6	Volts
DC Current	5.78	A
DC Input Power	78.608	Watts

At minimum output power setting, Frequency 469.9875 MHz:

Output RF power	28.3	Watts
DC Voltage	13.6	Volts
DC Current	4.47	A
DC Input Power	60.792	Watts

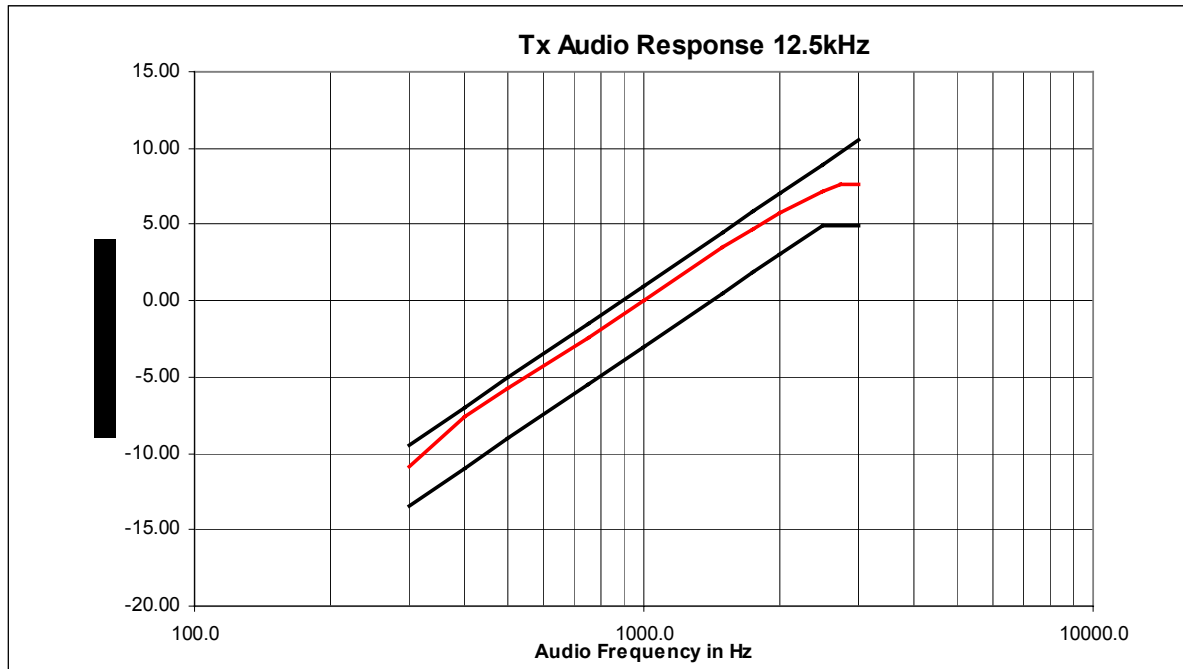
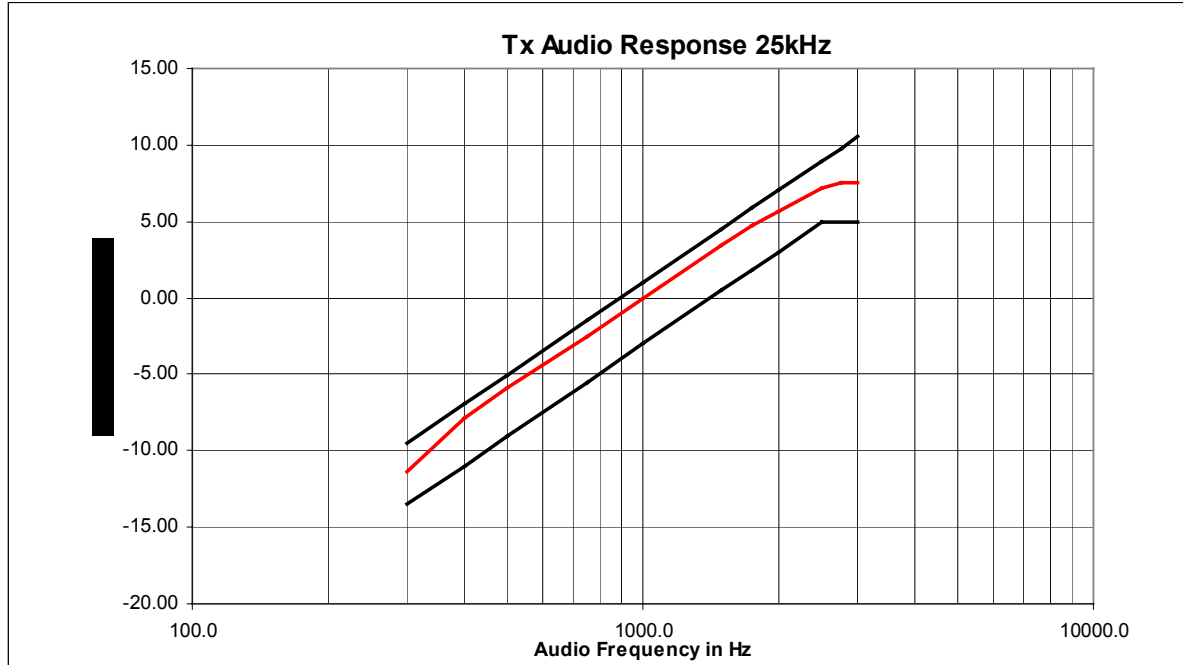
EXHIBIT 6B – Transmit Audio Response - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)**Figure 6B-1: 12.5 KHz Channel Spacing , Transmit Audio Response****Figure 6B-2: 25 KHz Channel Spacing, Transmit Audio Response**

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

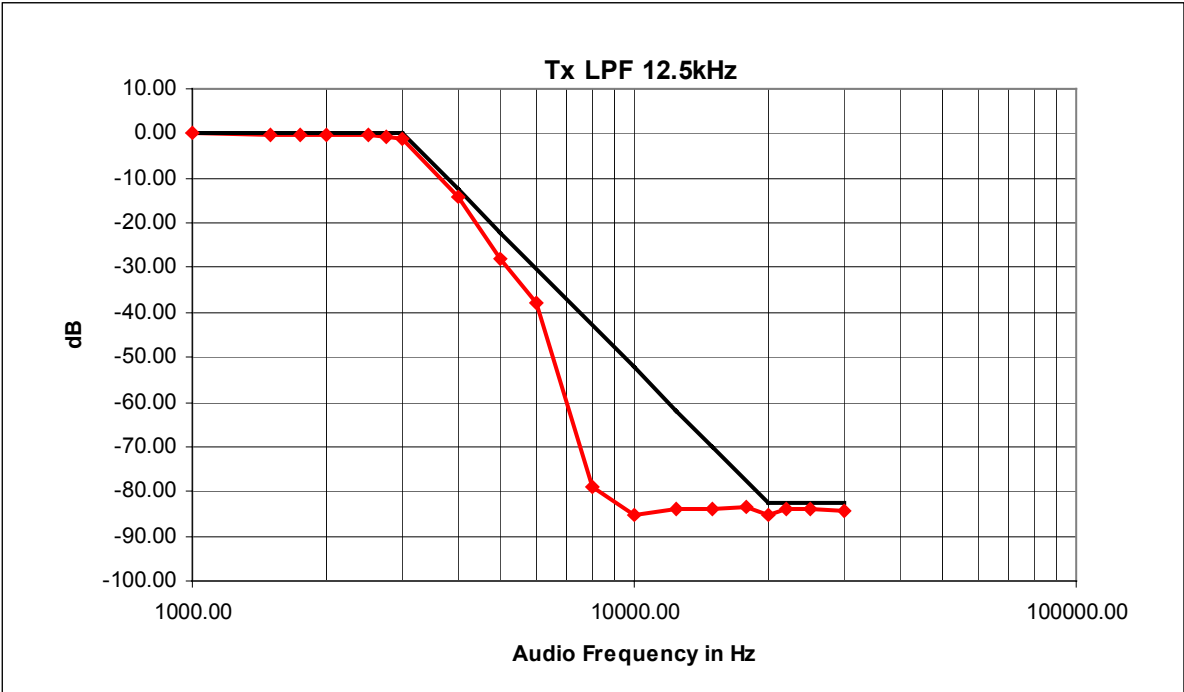


Figure 6C-1: 12.5 KHz Channel Spacing, Transmit Audio Post Limiter Low Pass Filter Response

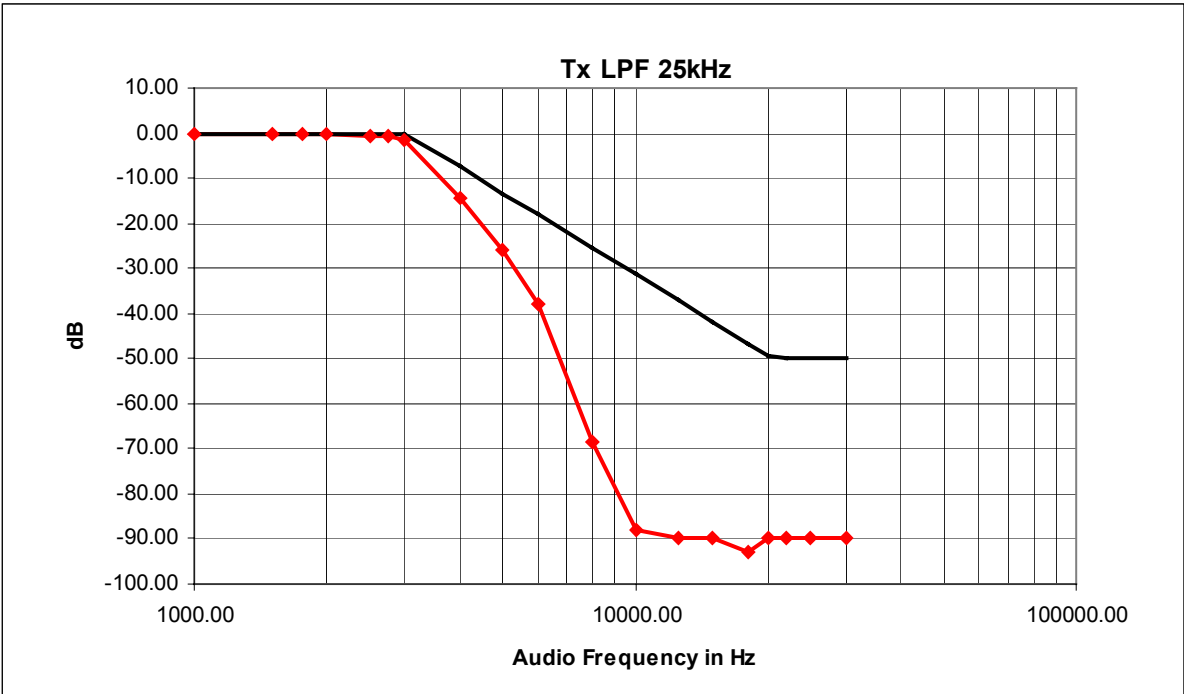


Figure 6C-2: 25 KHz Channel Spacing, Transmit Audio Post Limiter Low Pass Filter Response

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

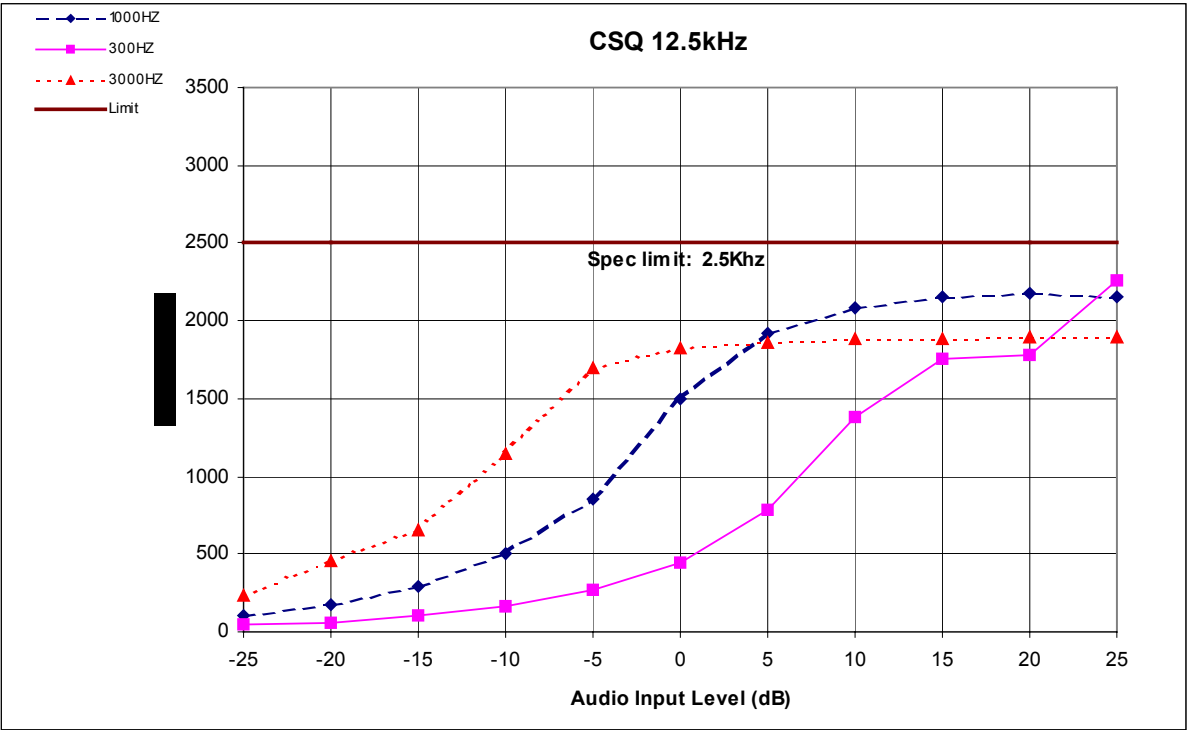


Figure 6D-1: 12.5 KHz Channel Spacing, Carrier Squelch Mode

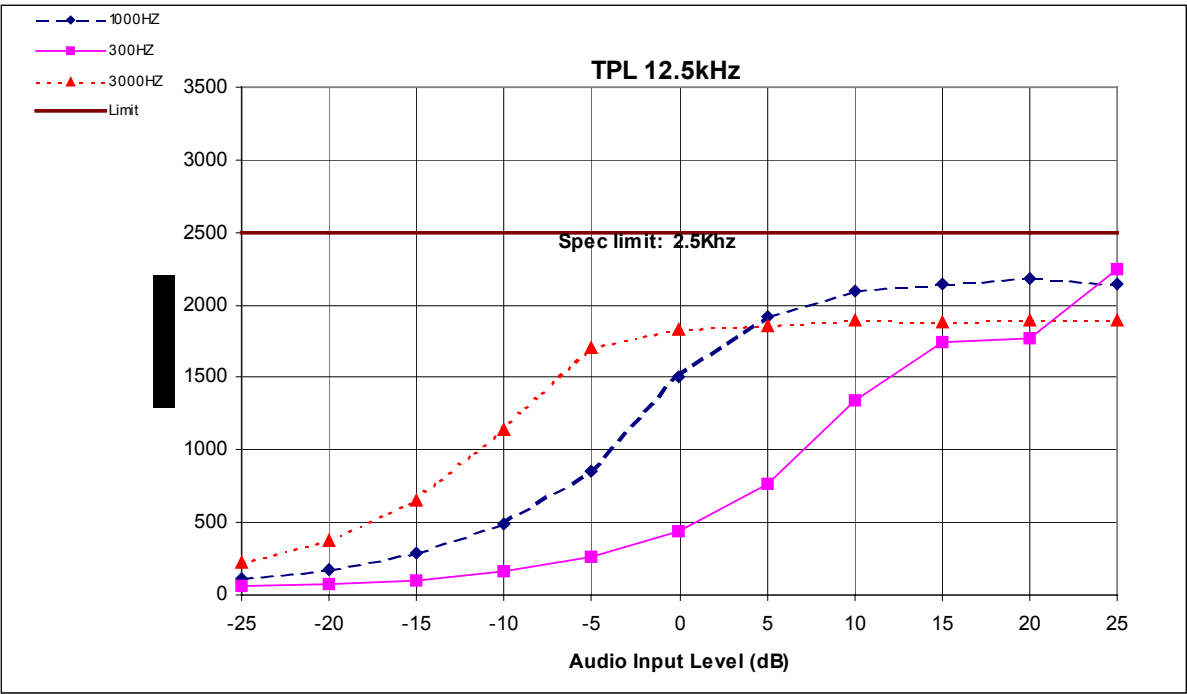


Figure 6D-2: 12.5 KHz Channel Spacing, Tone Private Line (TPL) Mode

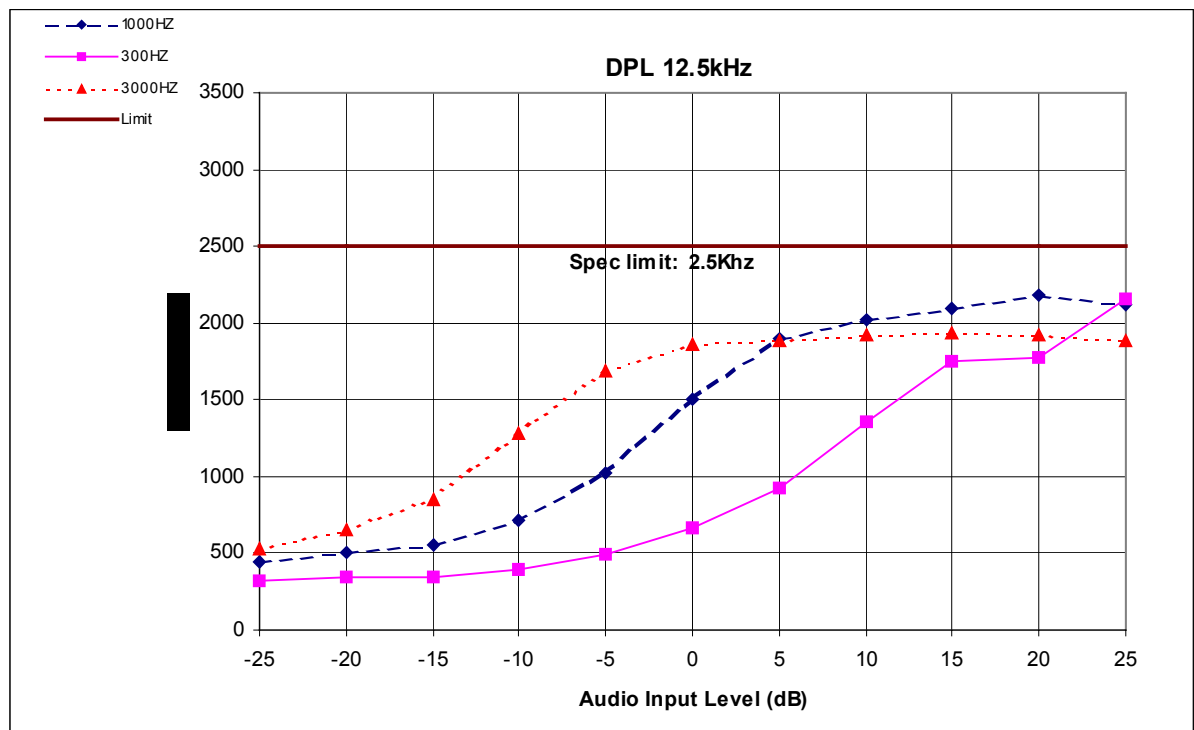


Figure 6D-3: 12.5 KHz Channel Spacing, Digital Private Line (DPL) Mode

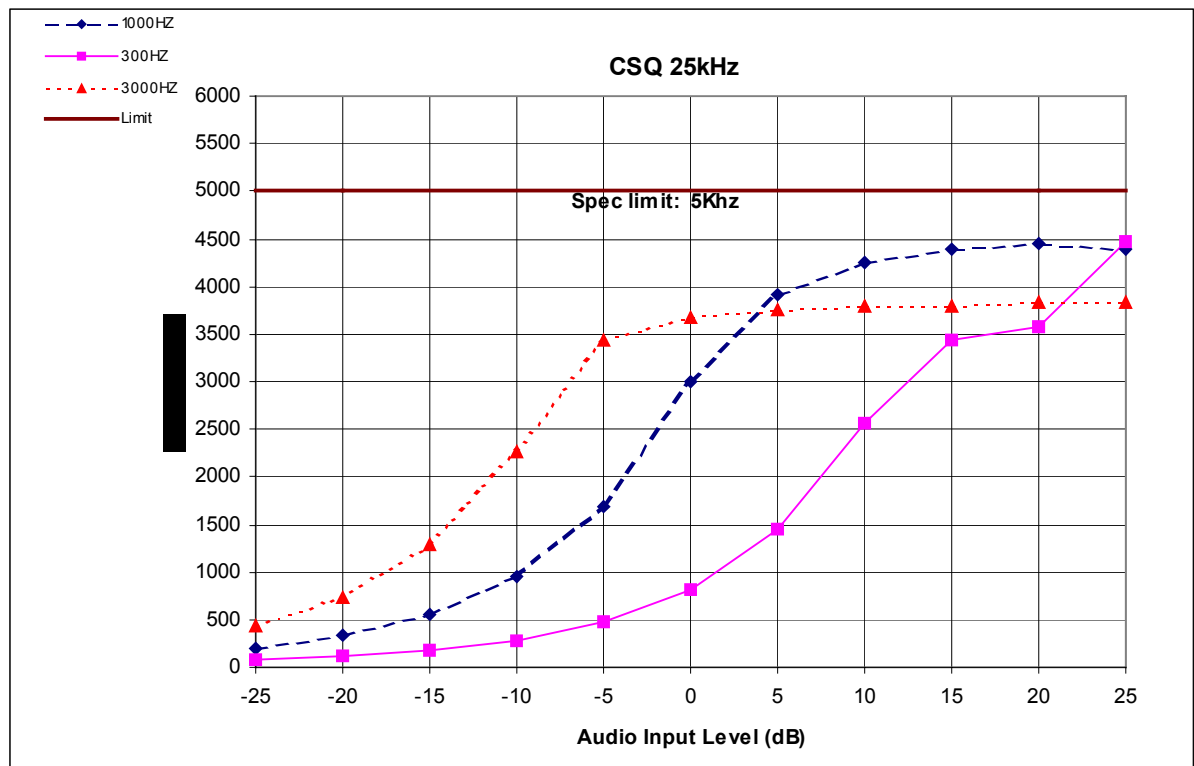


Figure 6D-4: 25 KHz Channel Spacing, Carrier Squelch Mode

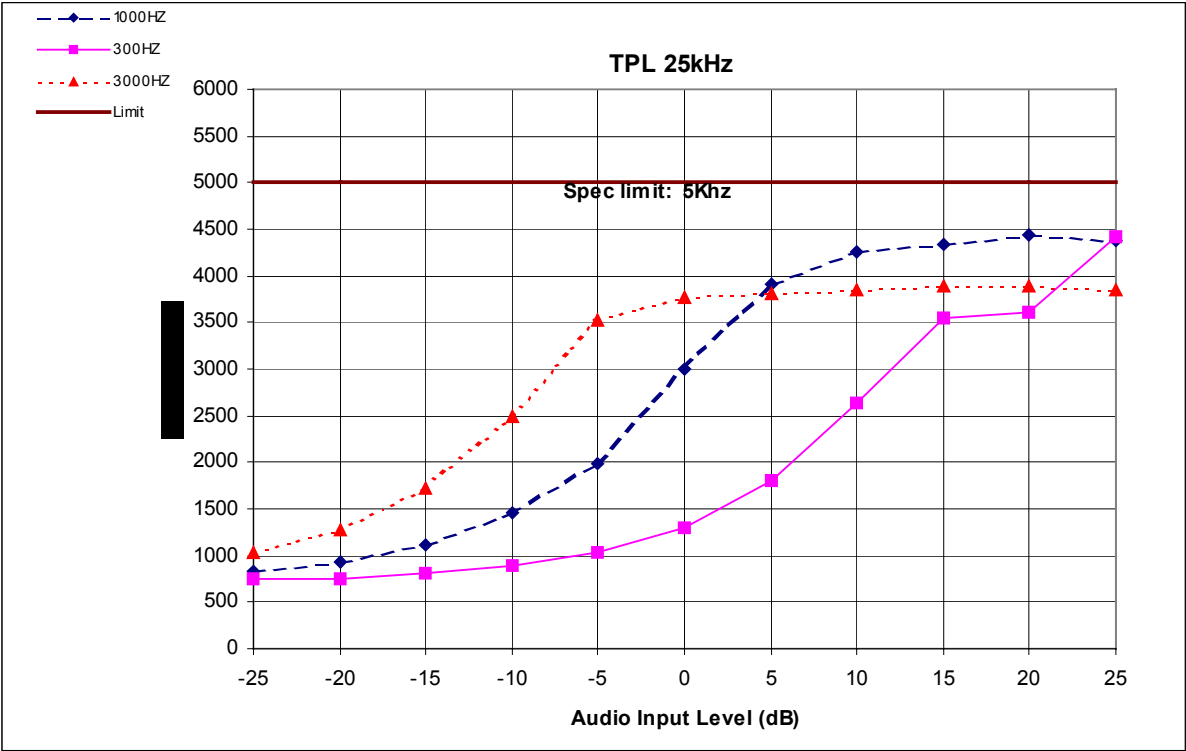


Figure 6D-5: 25 KHz Channel Spacing, Tone Private Line (TPL) Mode

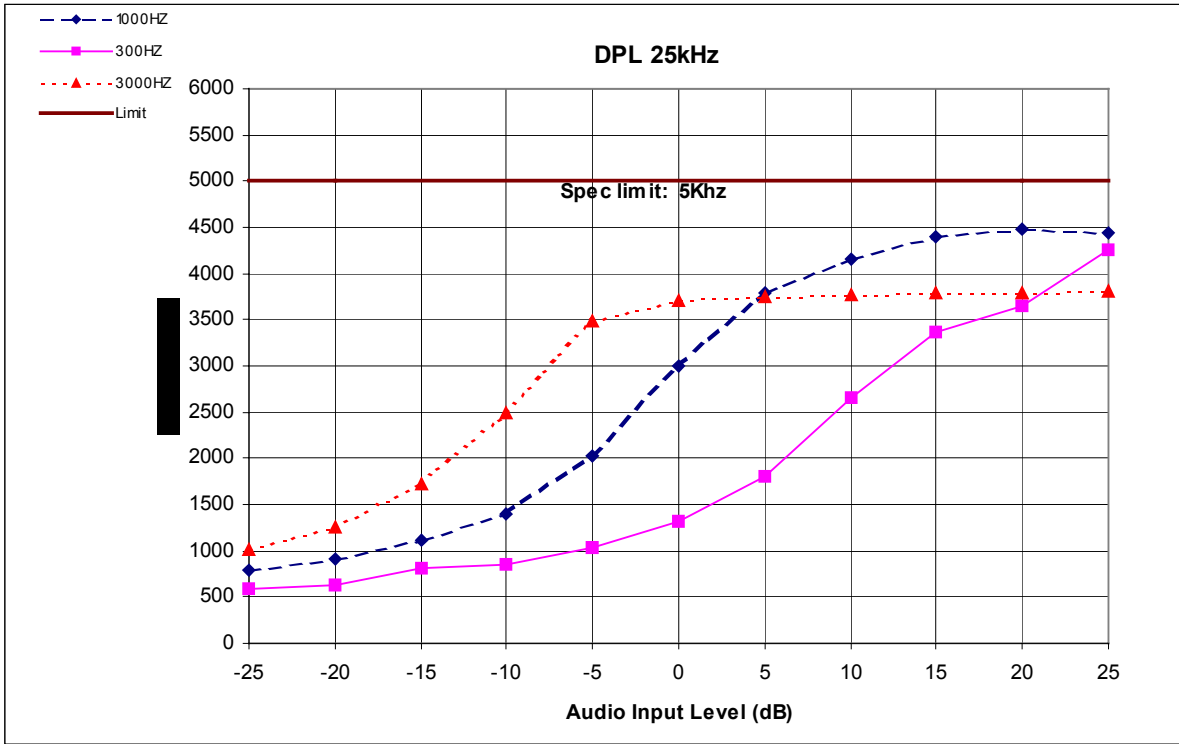
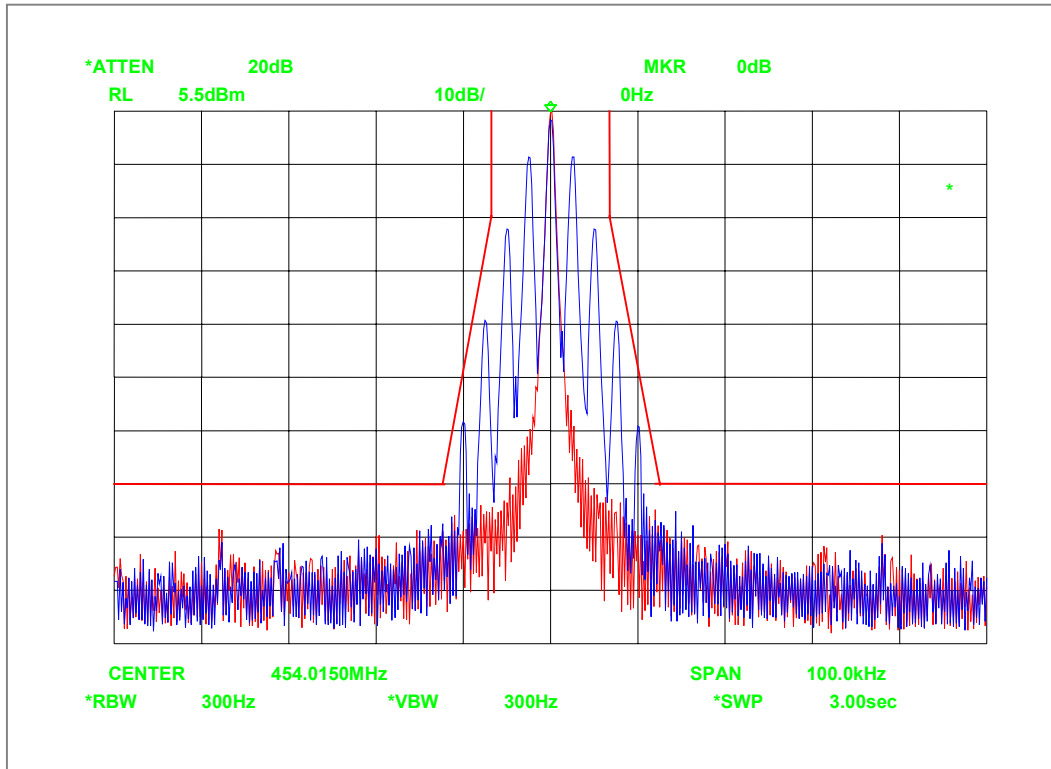
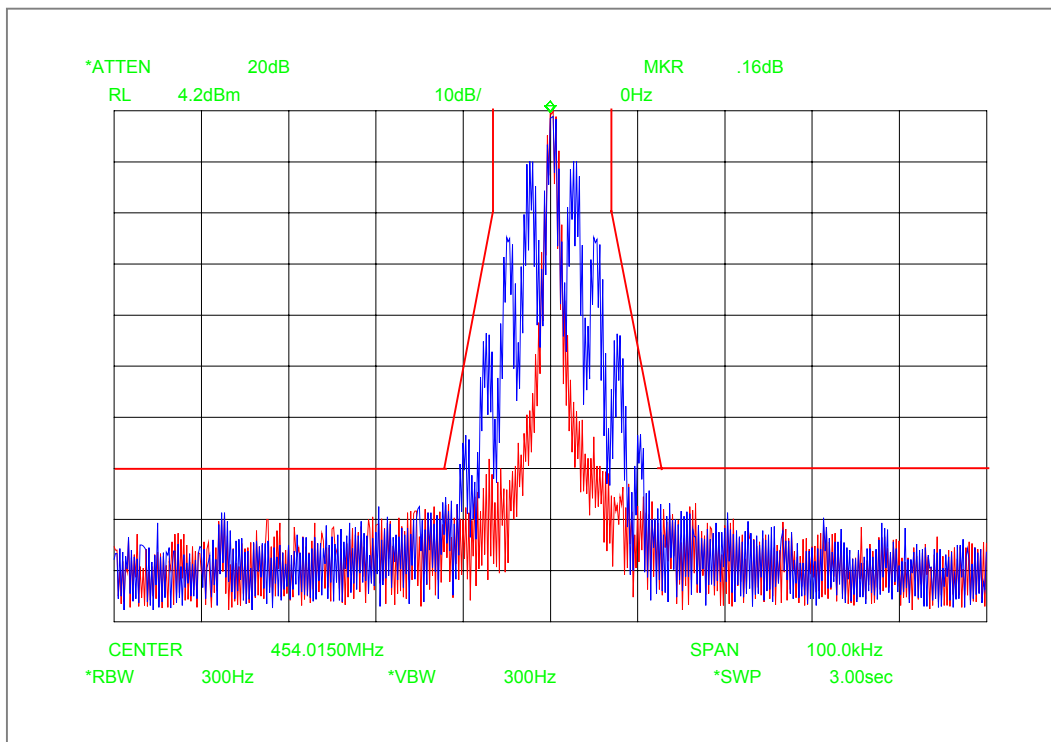


Figure 6D-6: 25 KHz Channel Spacing, Digital Private Line (DPL) Mode

EXHIBIT 6E- Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(g) and 90.691**Figure 6E-1: 12.5 KHz Channel Spacing, 2500 Hz Audio Modulation Only, Mask D****Figure 6E-2: 12.5 KHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, Mask D**

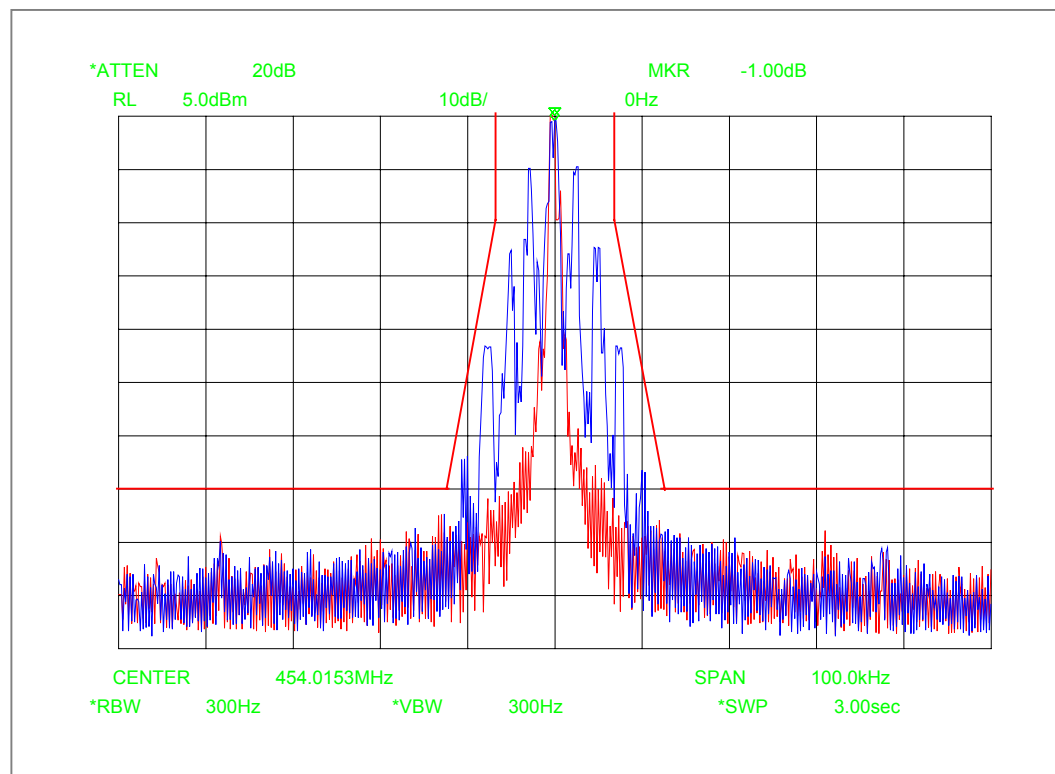


Figure 6E-3: 12.5 KHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, Mask D

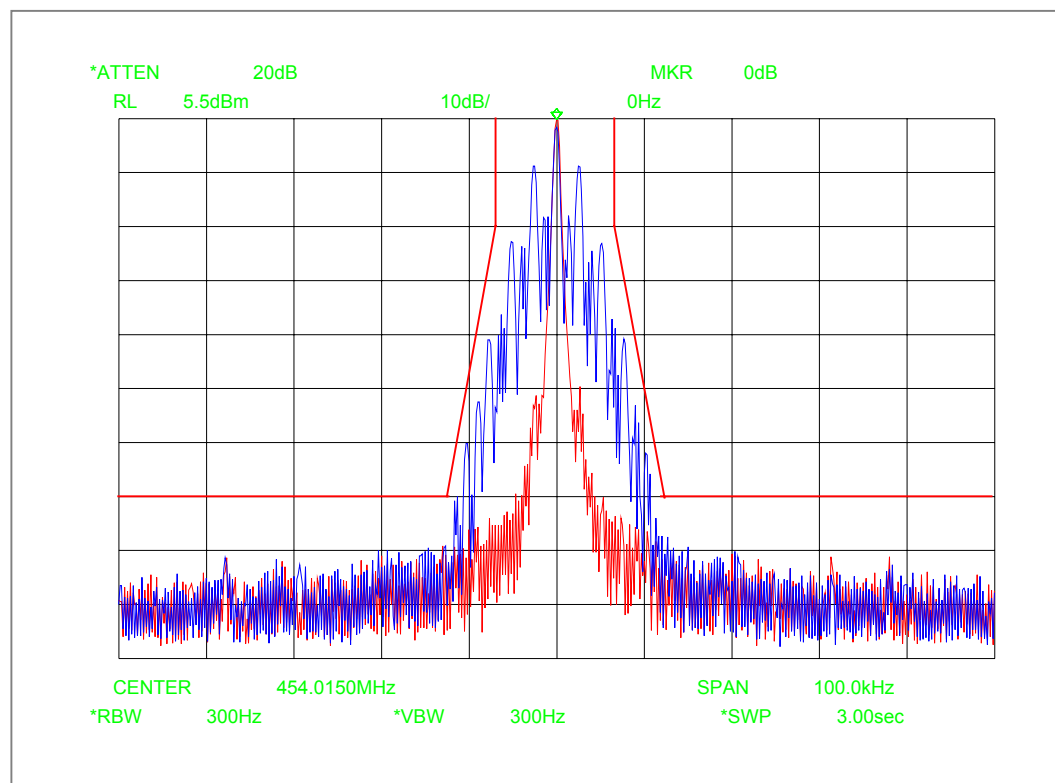


Figure 6E-4: 12.5 KHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, Mask D

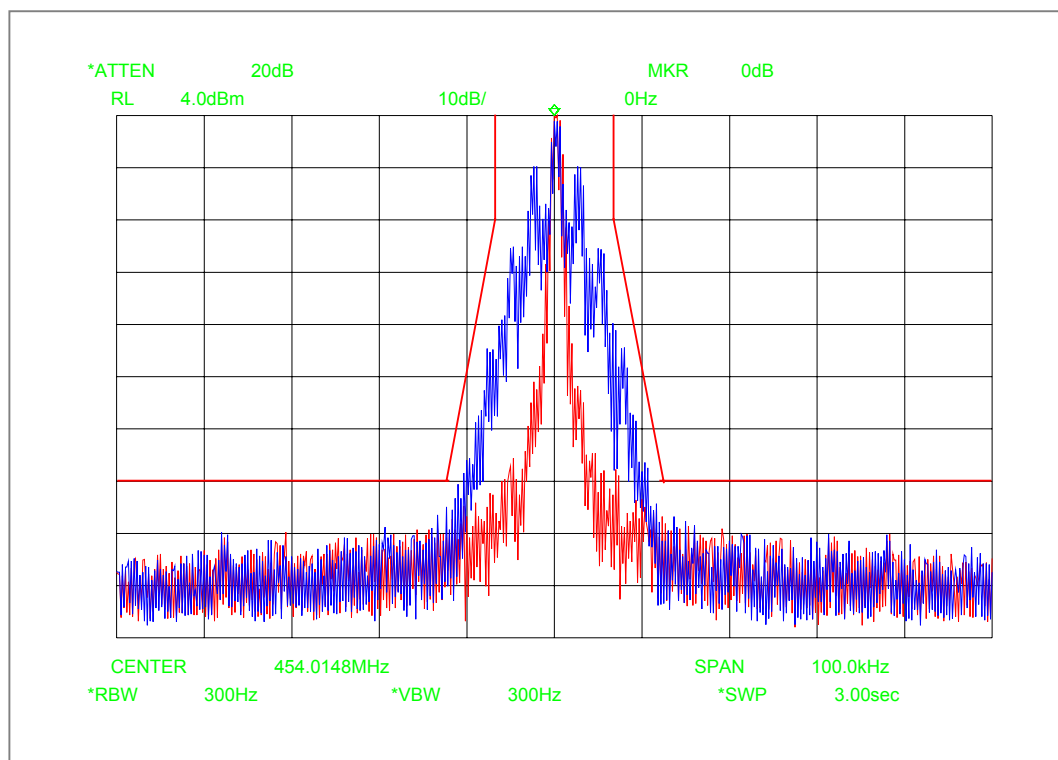


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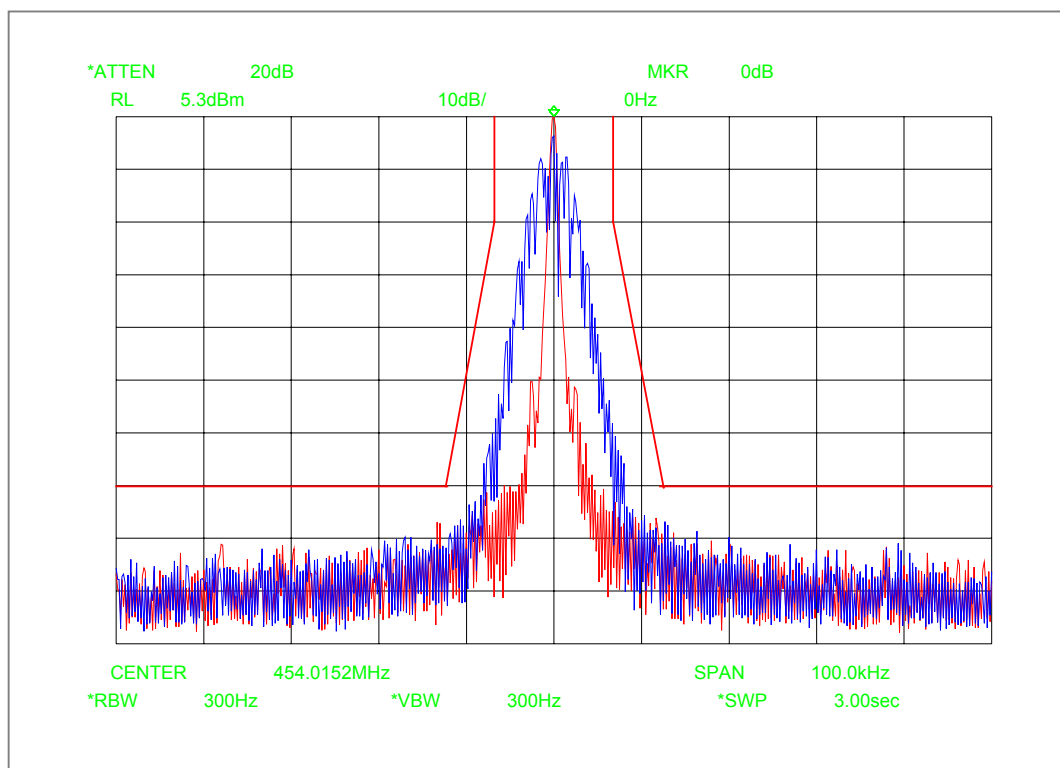


Figure 6E-7: 12.5 KHz Channel Spacing, DTMF Modulation Only , Mask D

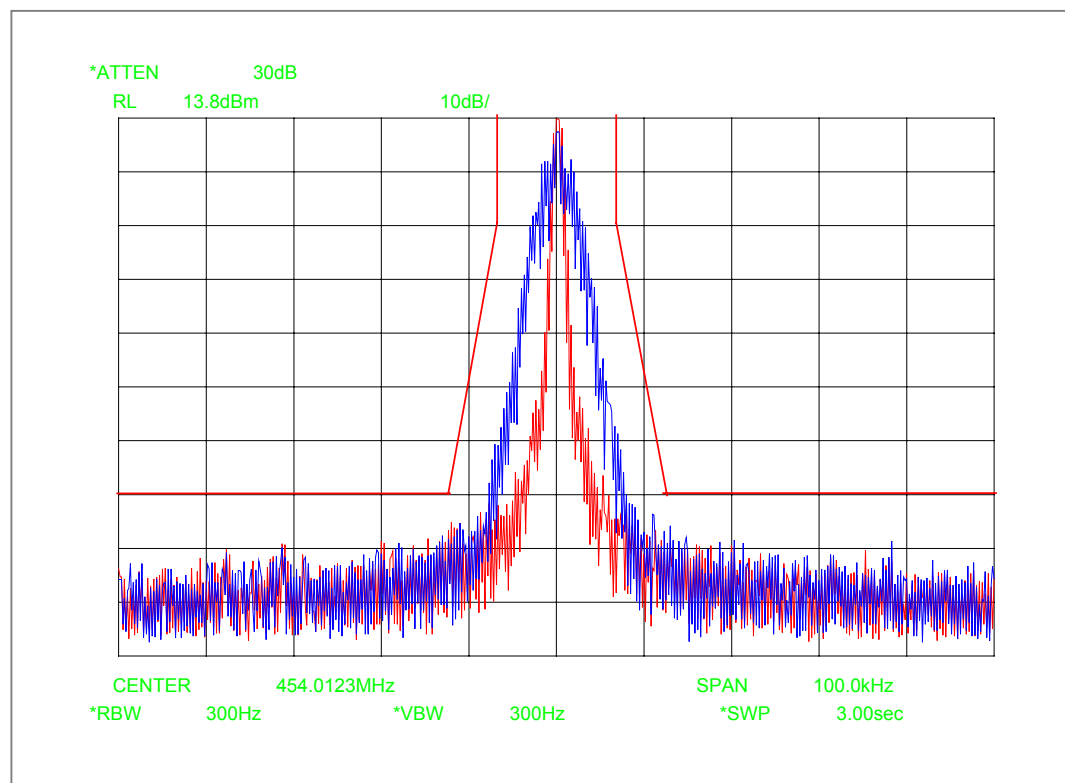


Figure 6E-8: 12.5 KHz Channel Spacing, DTMF Modulation and PL Tone Modulation, Mask D

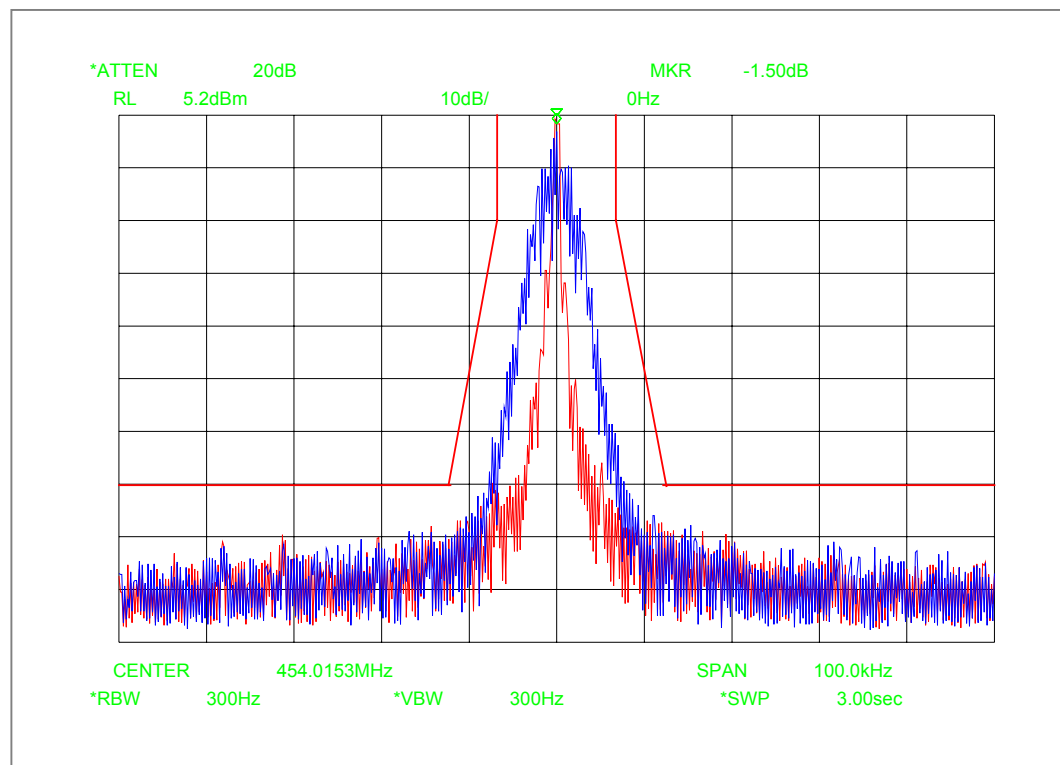


Figure 6E-9: 12.5 KHz Channel Spacing, DTMF Modulation and DPL Tone Modulation , Mask D

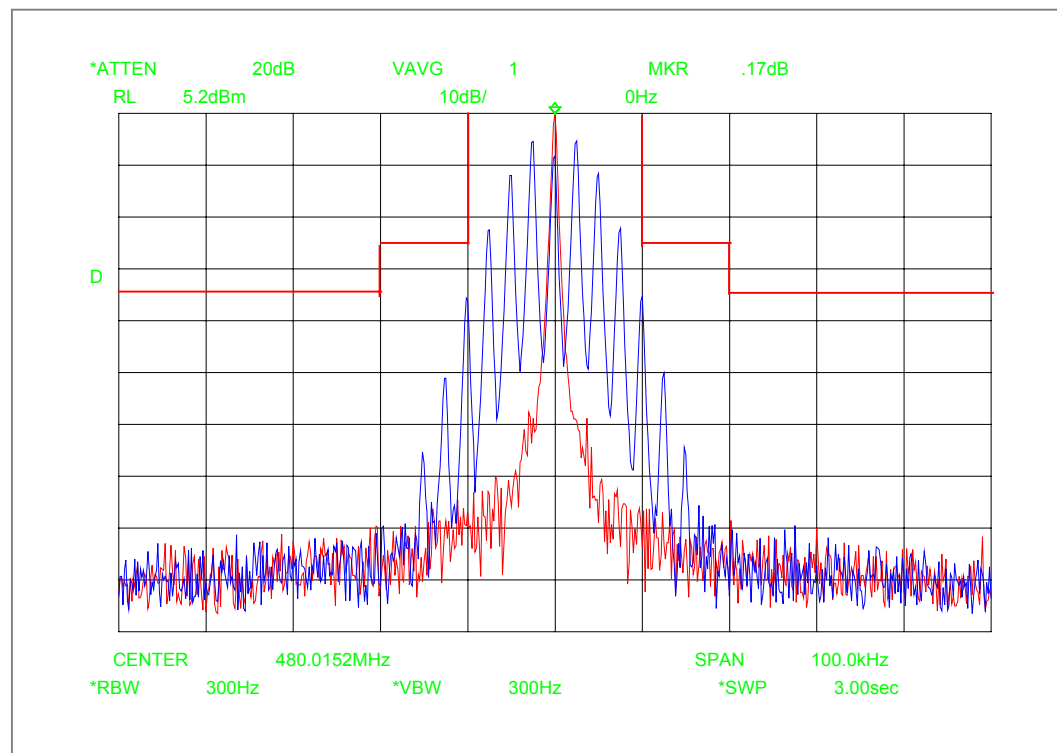


Figure 6E-10: 25 KHz Channel Spacing, 2500 Hz Audio Modulation Only, Mask B

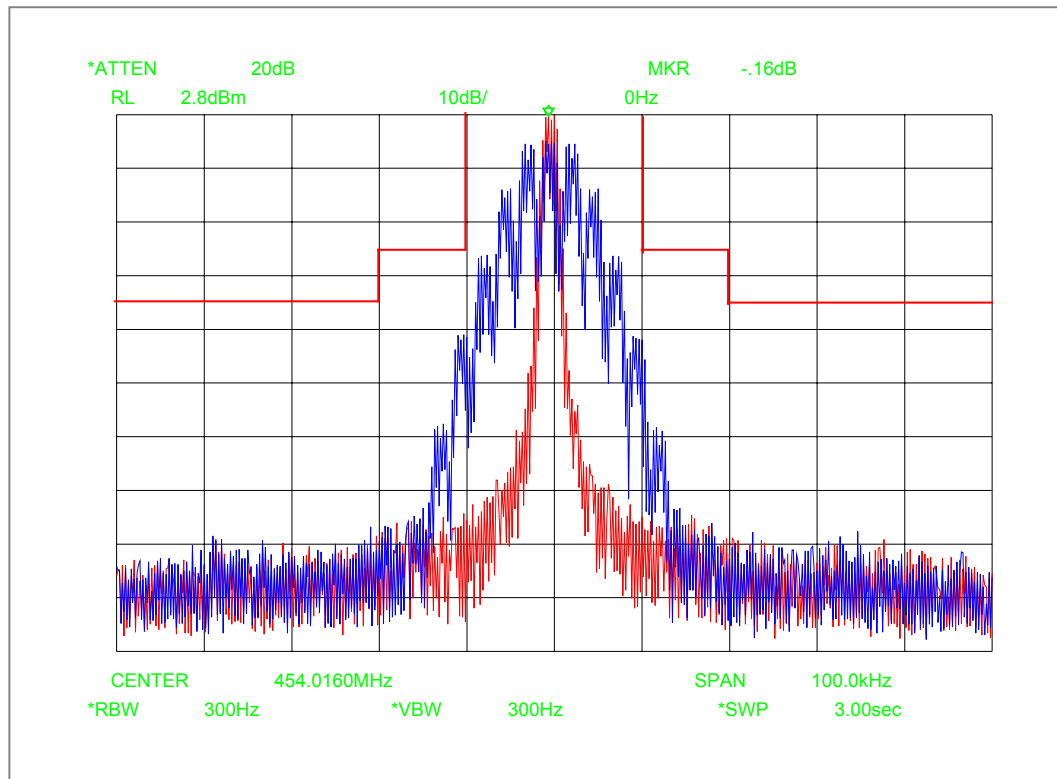


Figure 6E-11: 25 KHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, Mask B

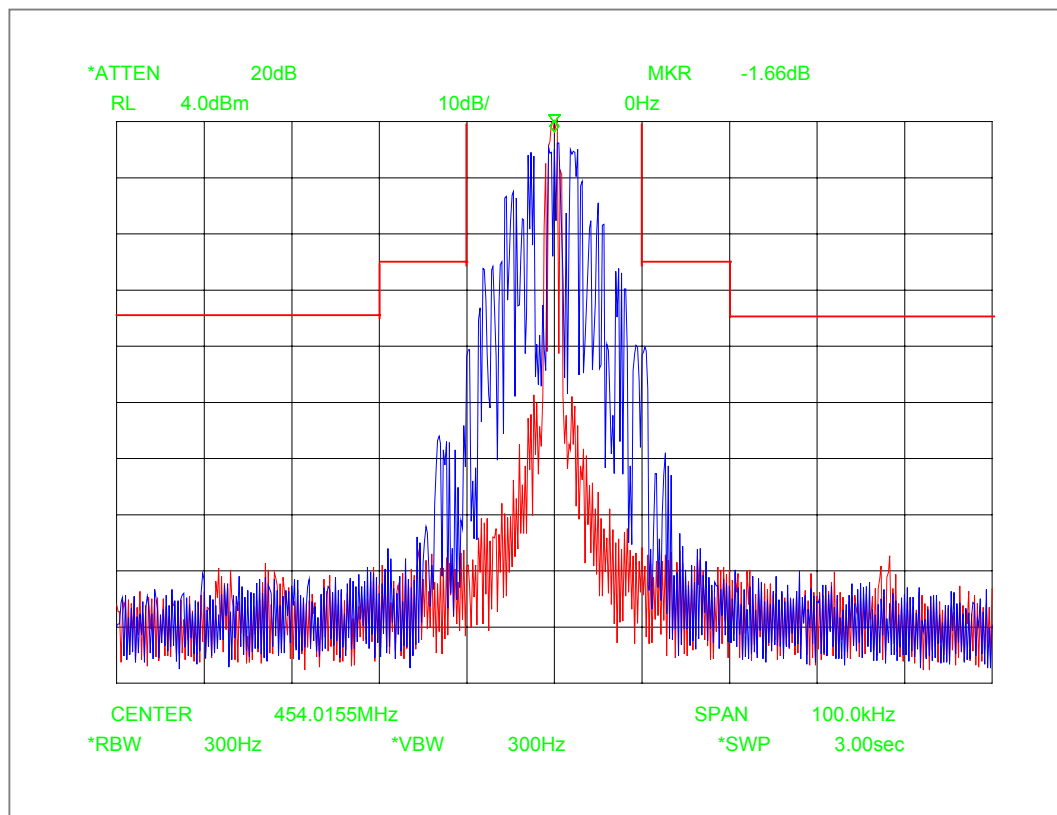


Figure 6E-12: 25 KHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, Mask B

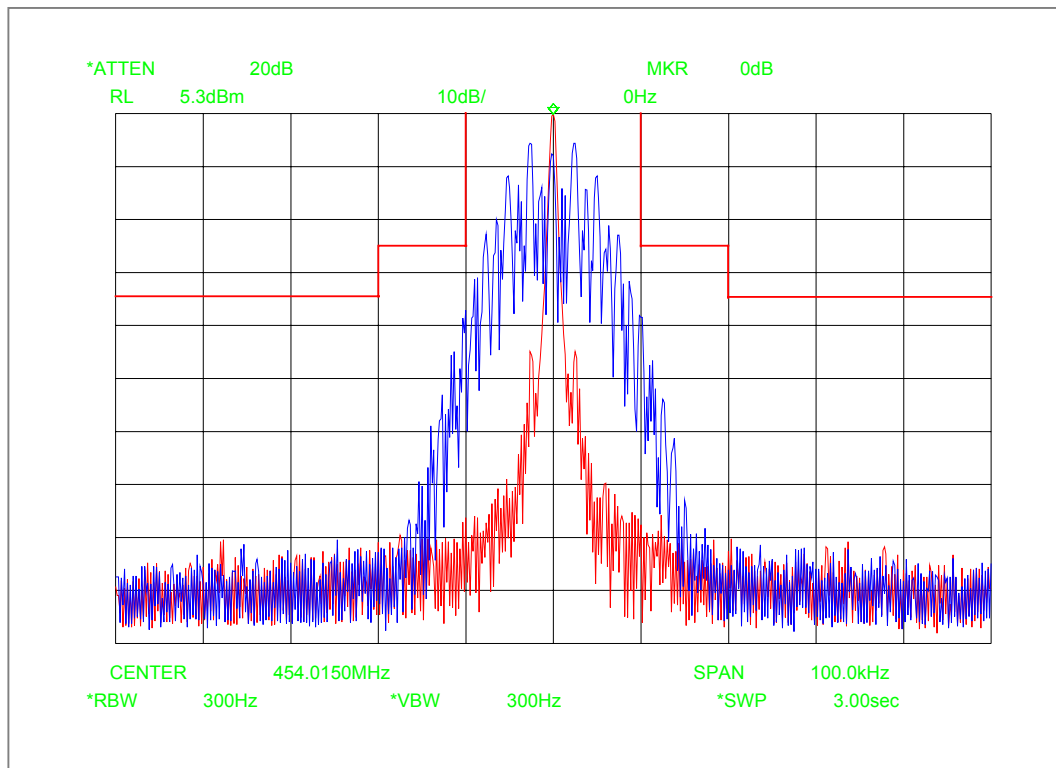


Figure 6E-13: 25 KHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only ,Mask B

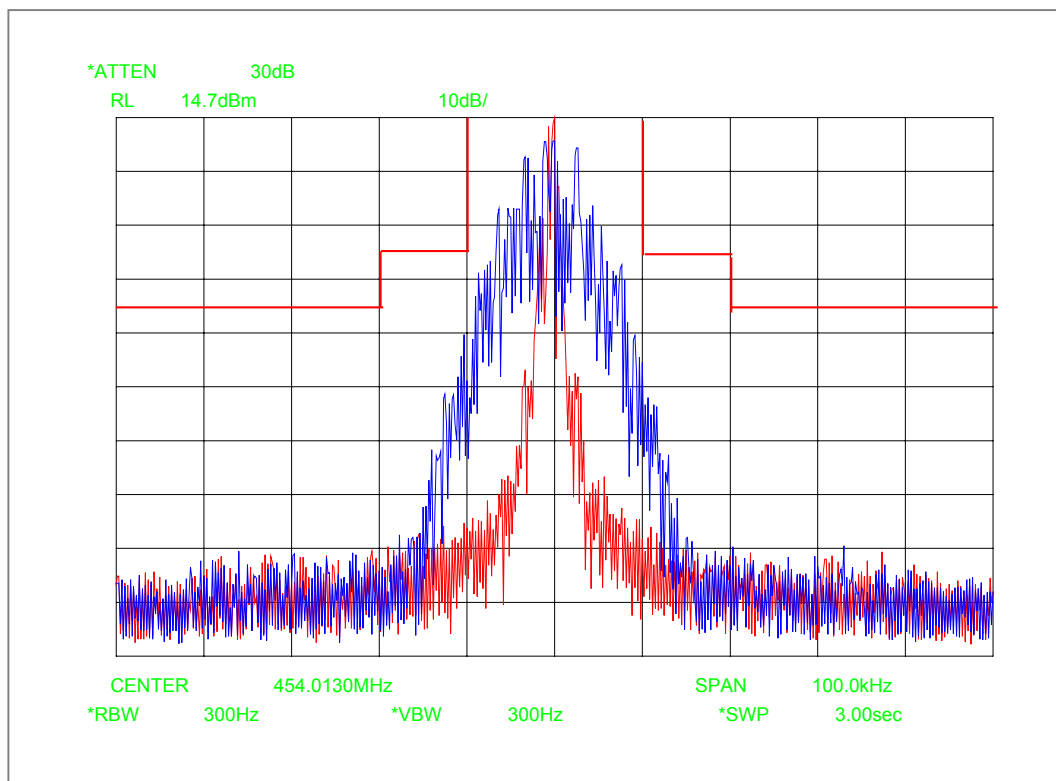


Figure 6E-14: 25 KHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, Mask B

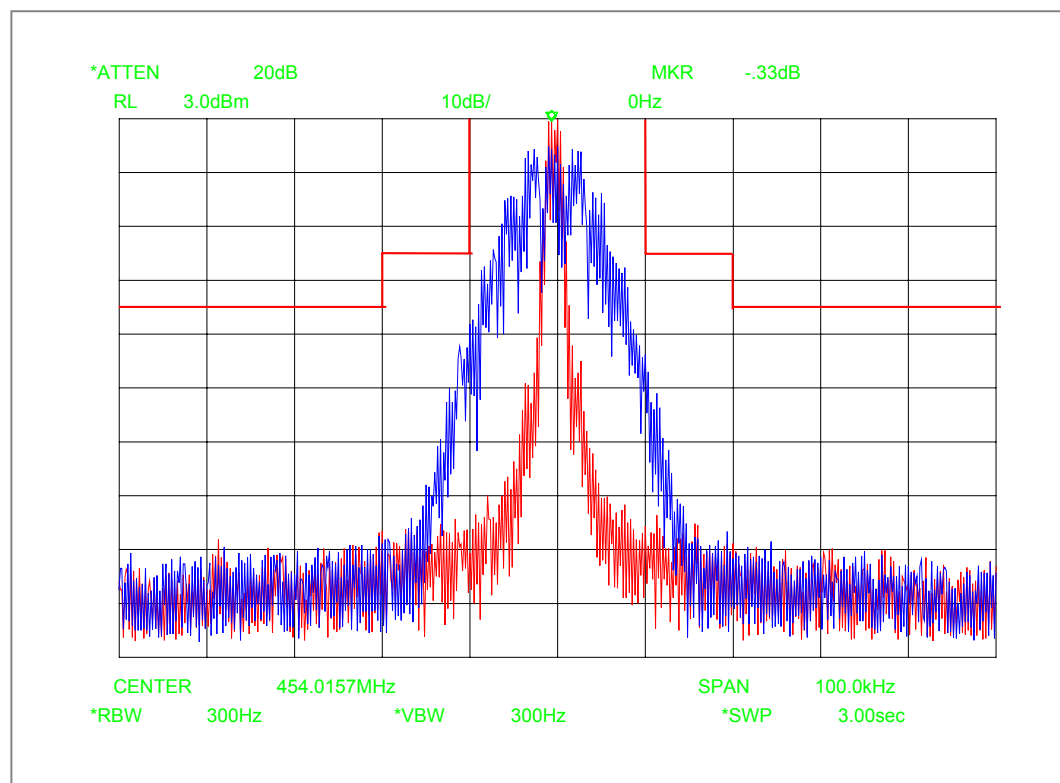


Figure 6E-15: 25 KHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, Mask B

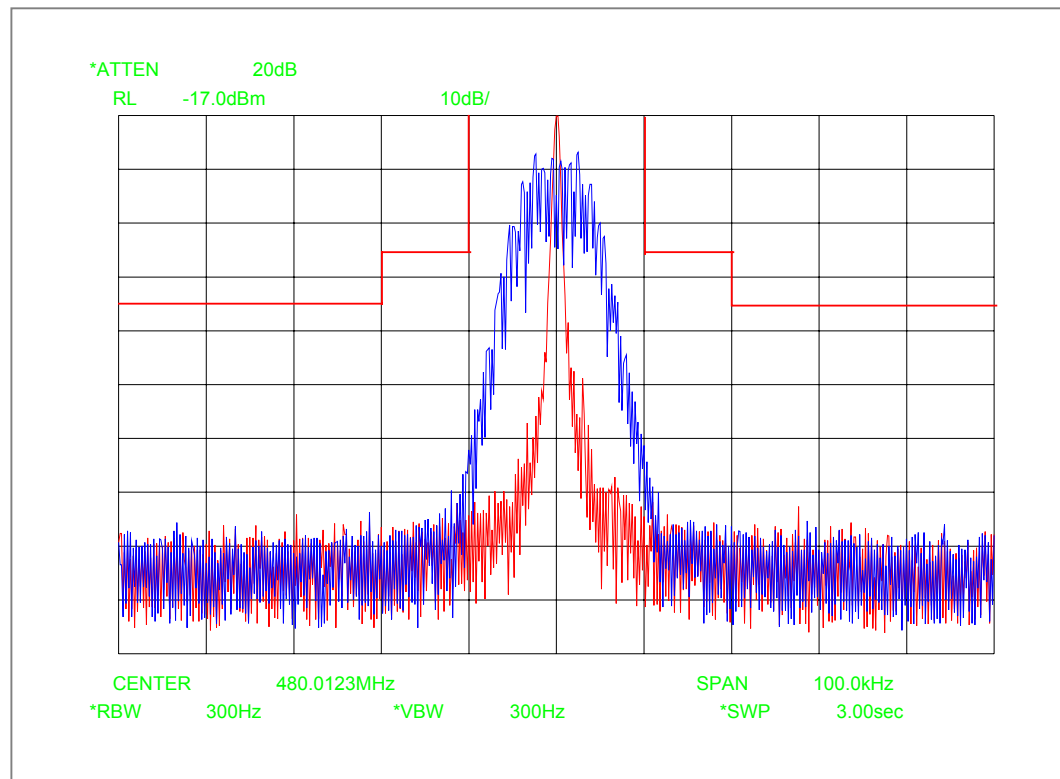


Figure 6E-16: 25 KHz Channel Spacing, DTMF Modulation Only , Mask B

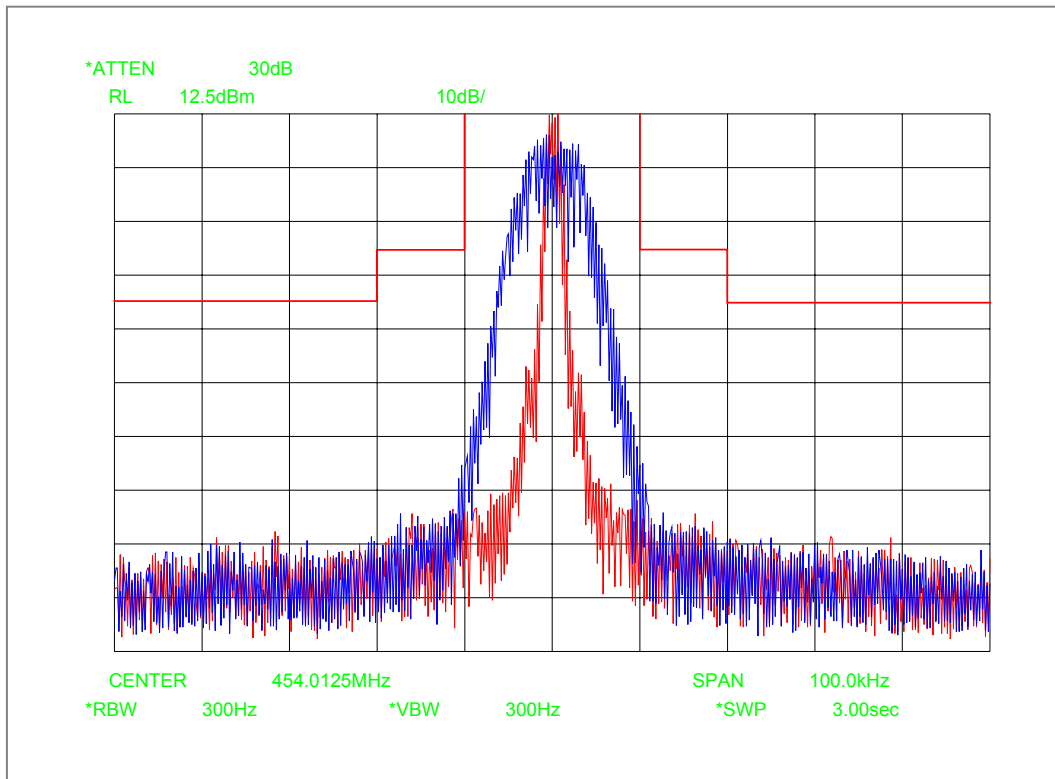


Figure 6E-17: 25 KHz Channel Spacing, DTMF Modulation and PL Tone Modulation, Mask B

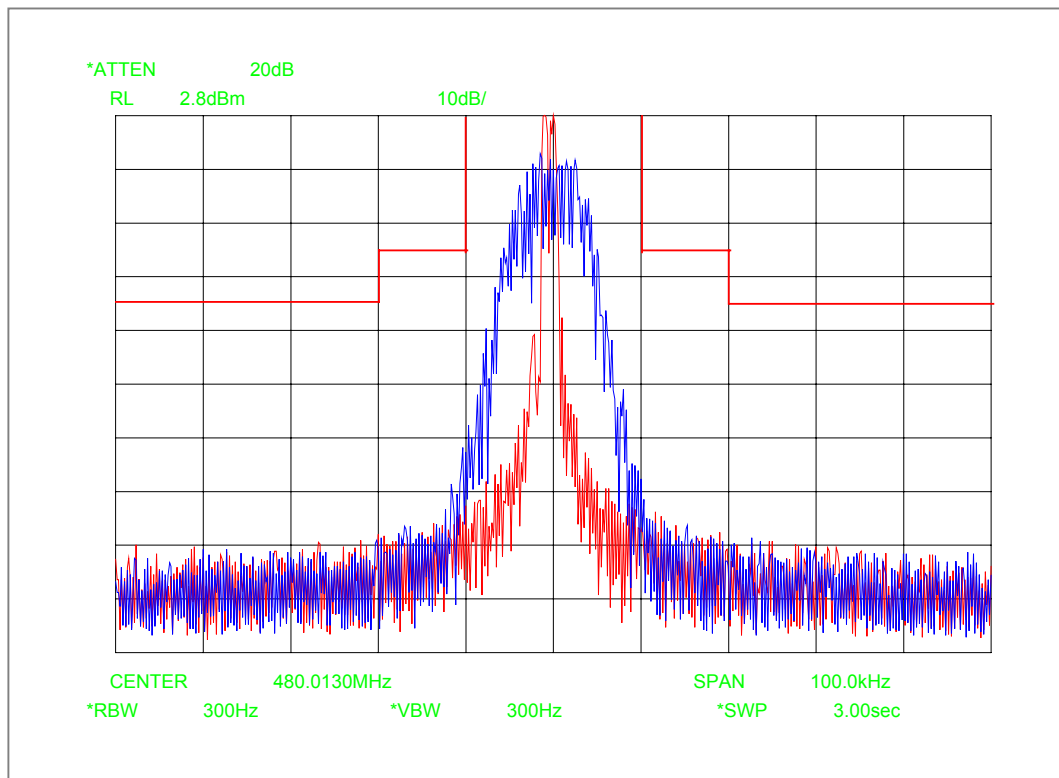


Figure 6E-18: 25 KHz Channel Spacing, DTMF Modulation and DPL Tone Modulation, Mask B

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

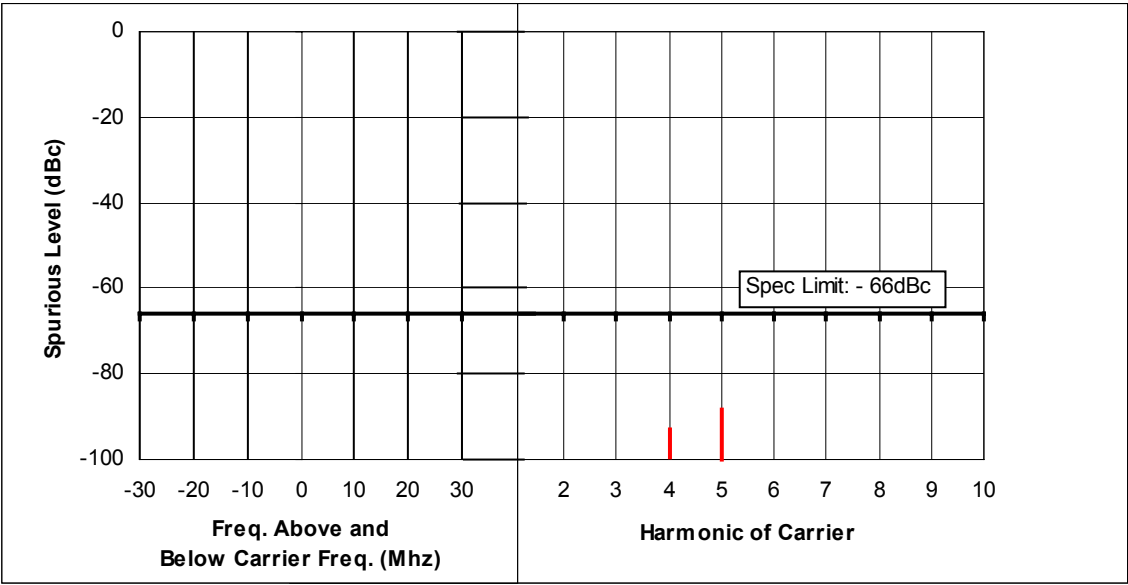


Figure 6F-1: 44 Watts, 438.0125 MHz, 12.5 kHz Channel Spacing

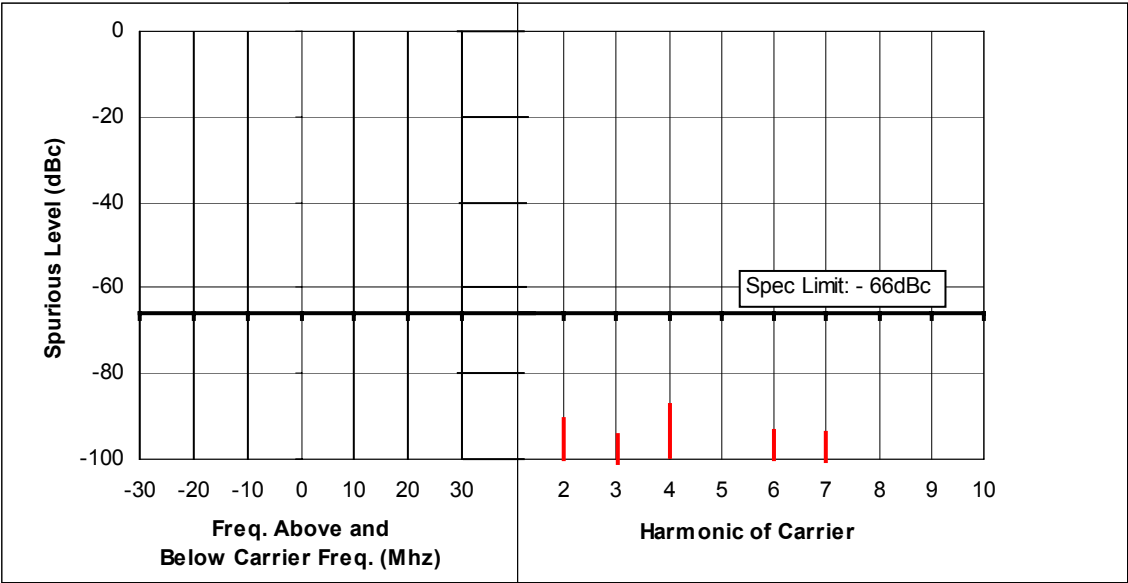


Figure 6F-2: 44 Watts, 454.0125 MHz, 12.5 kHz Channel Spacing

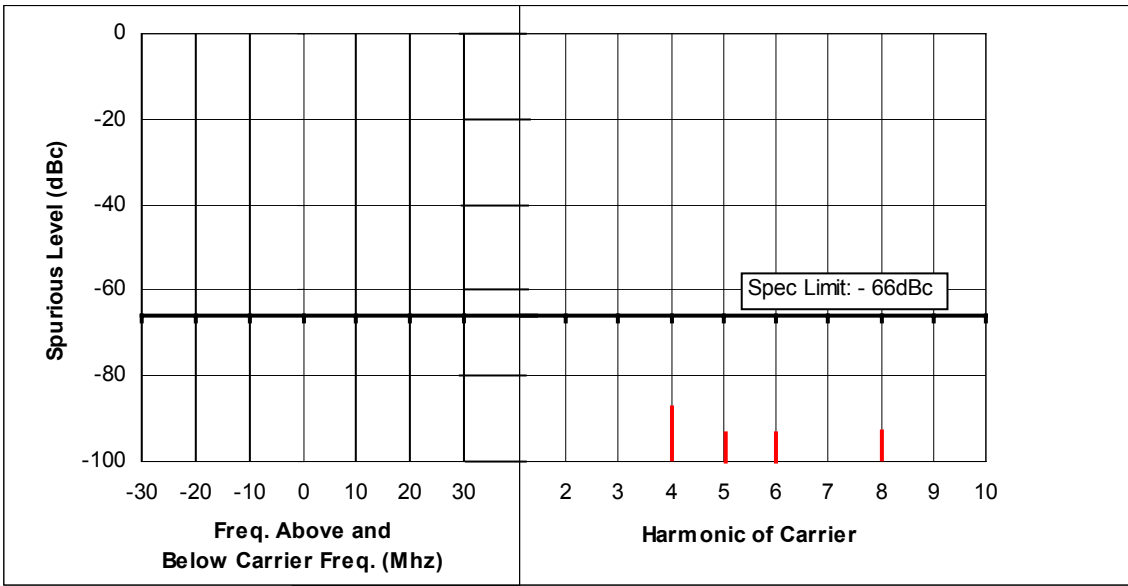


Figure 6F-3: 44 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing

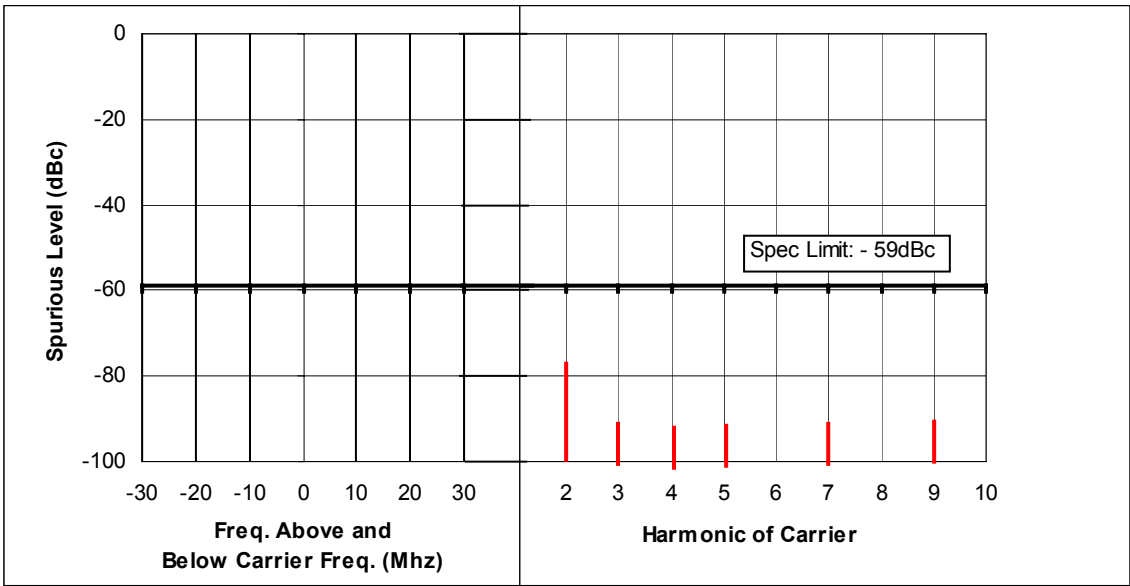


Figure 6F-4: 44 Watts, 438.0125 MHz, 25 kHz Channel Spacing

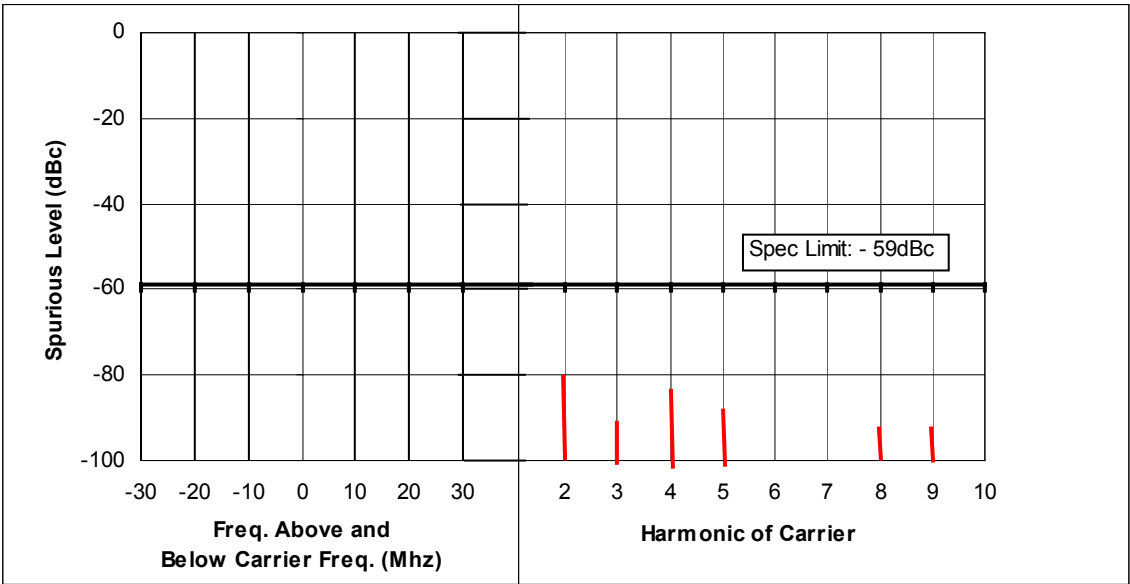


Figure 6F-5: 44 Watts, 454.0125 MHz, 25 kHz Channel Spacing

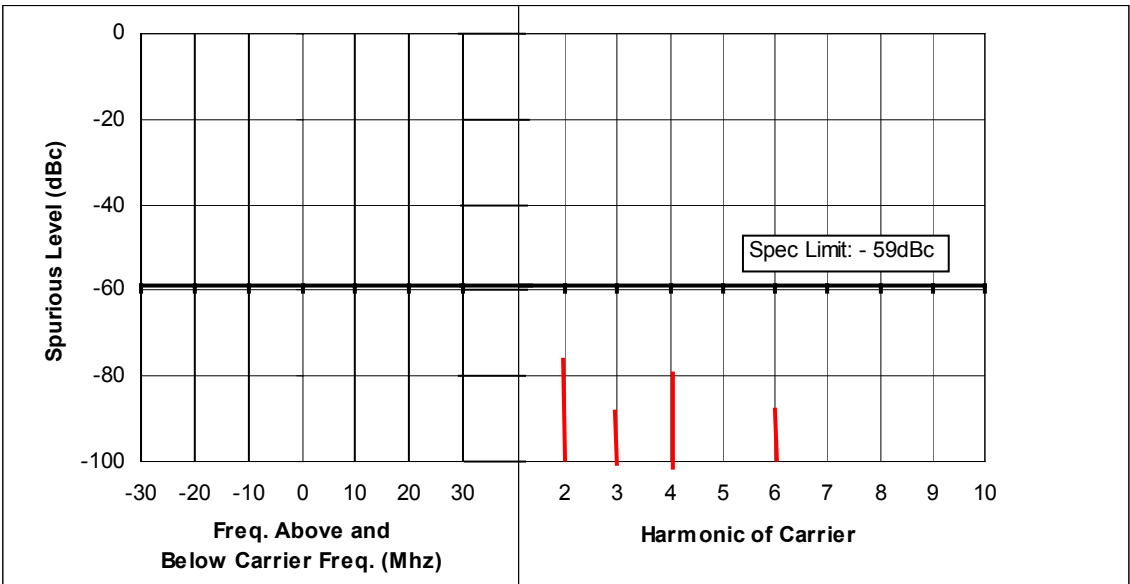


Figure 6F-6: 44 Watts, 469.9875 MHz, 25 kHz Channel Spacing

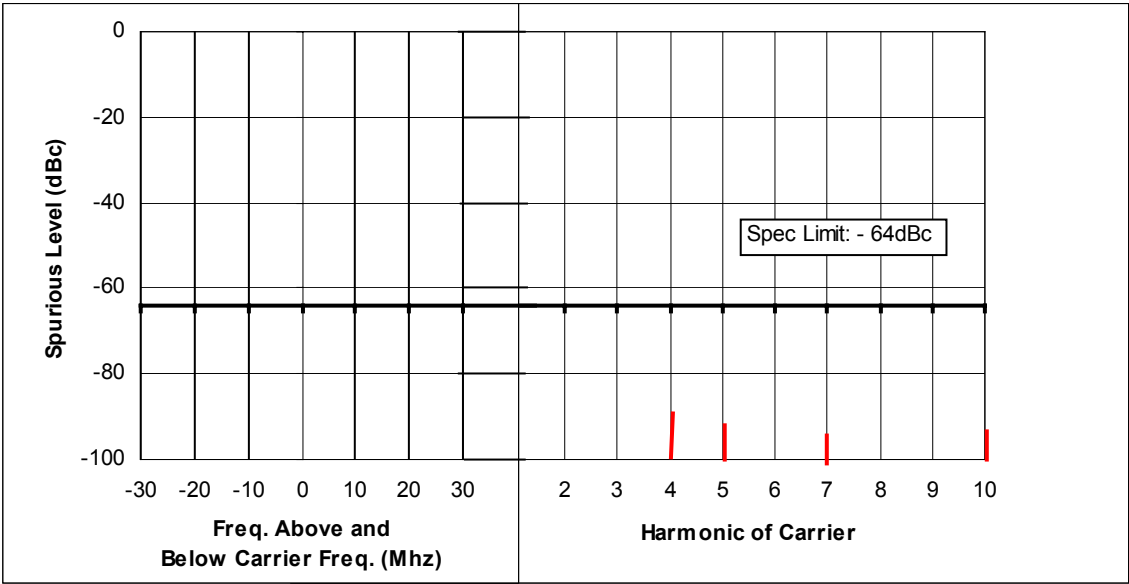


Figure 6F-7: 25 Watts, 438.0125 MHz, 12.5 kHz Channel Spacing

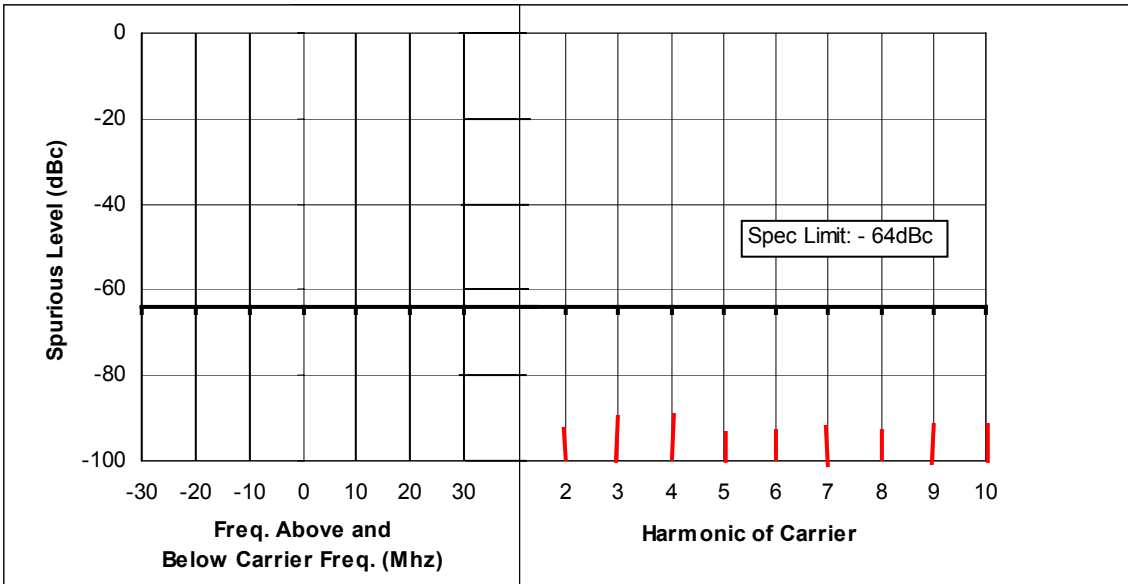


Figure 6F-8: 25 Watts, 454.0125 MHz, 12.5 kHz Channel Spacing

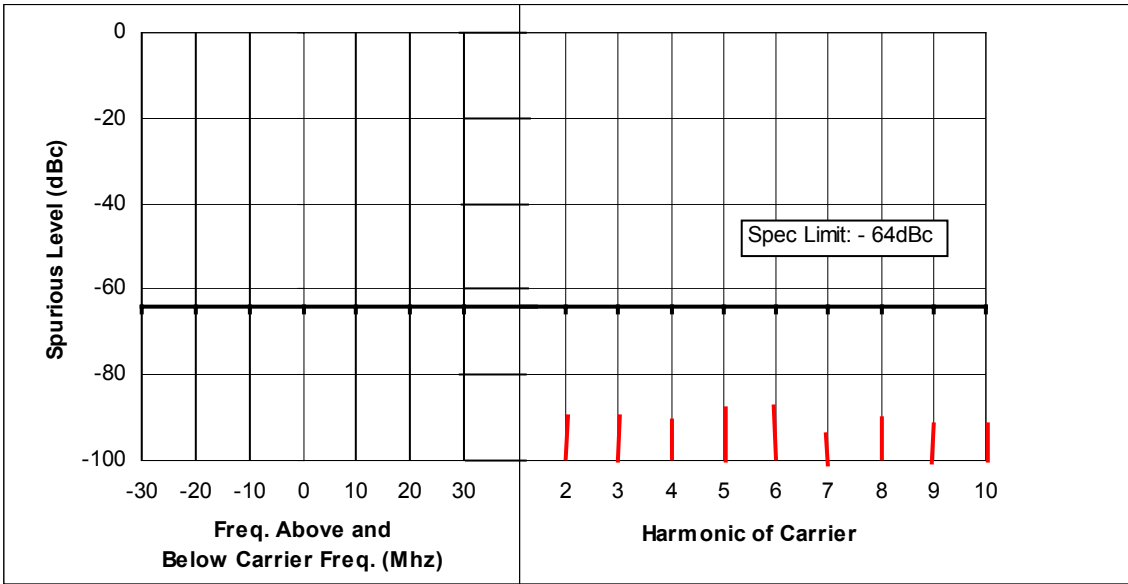


Figure 6F-9: 25 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing

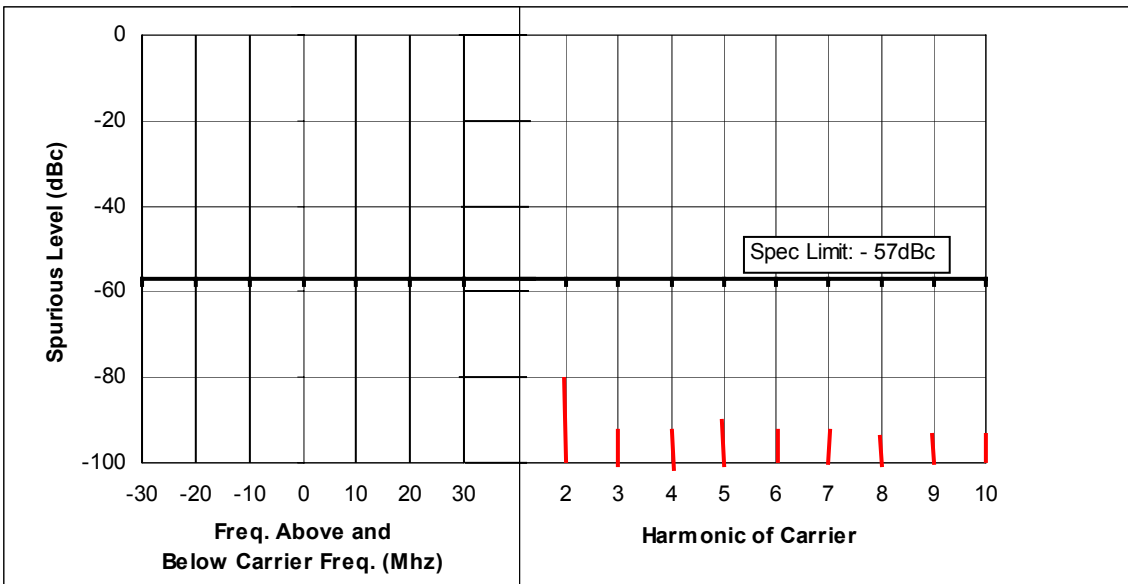


Figure 6F-10: 25 Watts, 438.0125 MHz, 25 kHz Channel Spacing

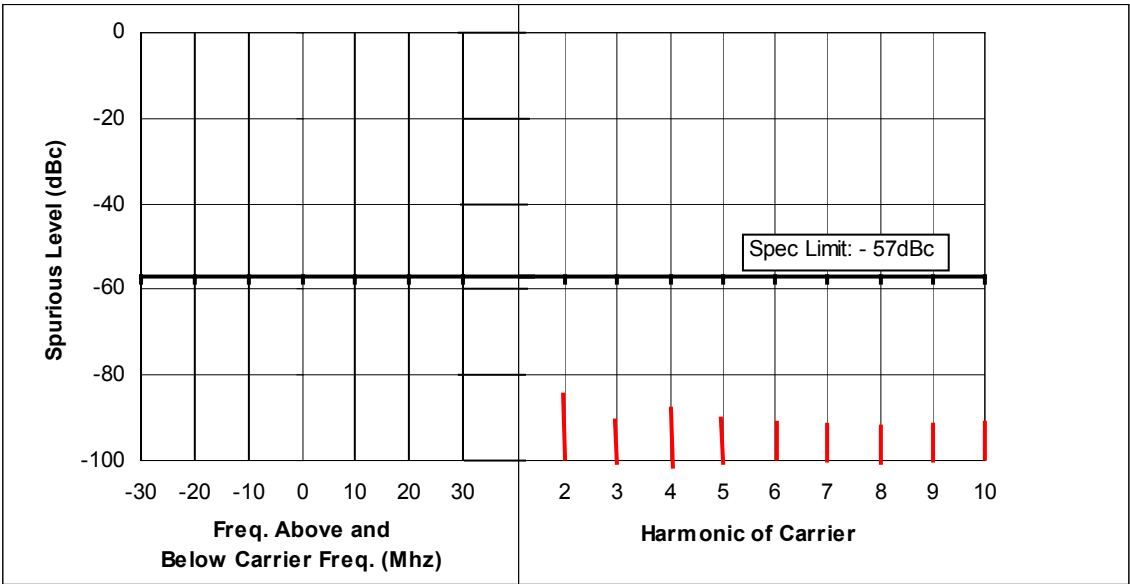


Figure 6F-11: 25 Watts, 454.0125 MHz, 25 kHz Channel Spacing

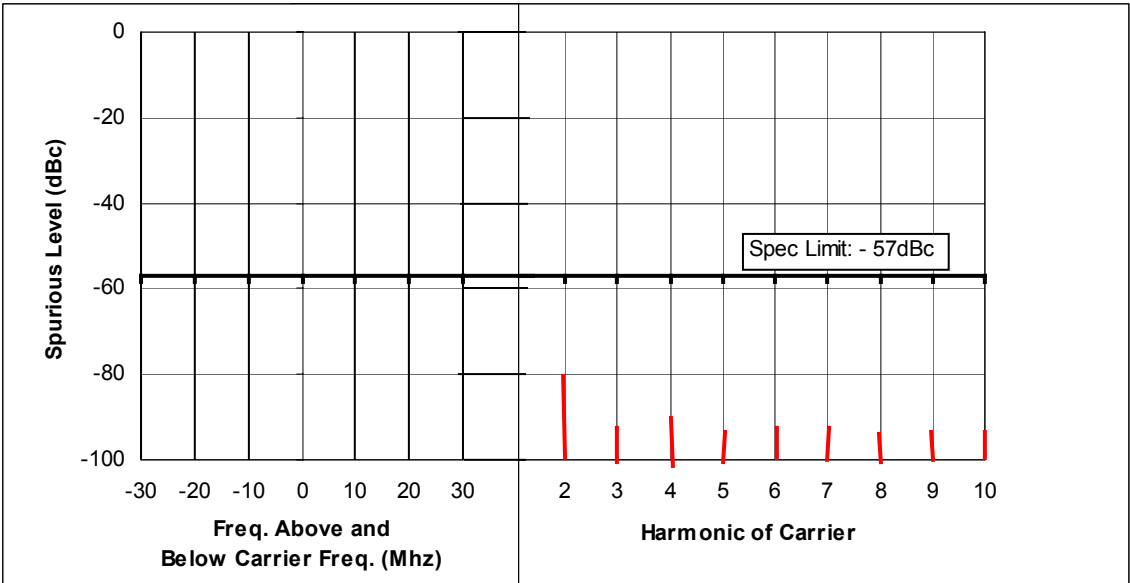


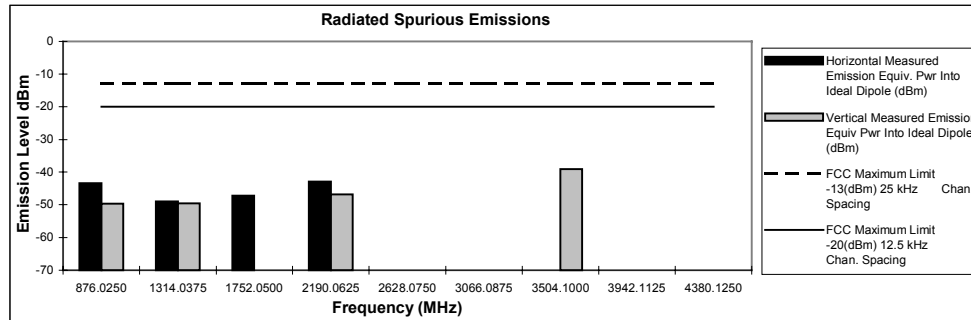
Figure 6F-12: 25 Watts, 469.9875 MHz, 25 kHz Channel Spacing

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

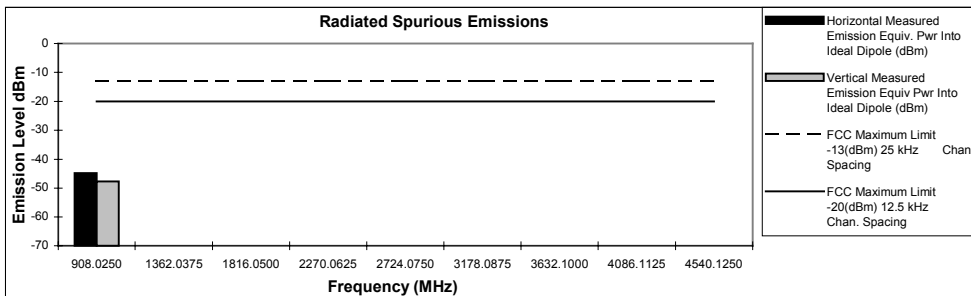
- Notes: 1) The shown results are the worst case results for the given frequency. Measurements were made to the 10th harmonic, antenna polarization horizontal and vertical.
- 2) The margin [dB] is the amount in dB below the FCC specification limit of –13dBm(red line on graphs)

Transmitter Radiated Spurious Emissions: ELM 40W**438.0125 MHz****44 Watts****Channel Spacing 25 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
876.0250	-13	-20	-43.38	-49.65
1314.0375	-13	-20	-48.96	-49.56
1752.0500	-13	-20	-47.23	*
2190.0625	-13	-20	-42.87	-46.77
2628.0750	-13	-20	*	*
3066.0875	-13	-20	*	*
3504.1000	-13	-20	*	-39.10
3942.1125	-13	-20	*	*
4380.1250	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: ELM 40W****454.0125 MHz****44 Watts****Channel Spacing 25 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
908.0250	-13	-20	-44.84	-47.76
1362.0375	-13	-20	*	*
1816.0500	-13	-20	*	*
2270.0625	-13	-20	*	*
2724.0750	-13	-20	*	*
3178.0875	-13	-20	*	*
3632.1000	-13	-20	*	*
4086.1125	-13	-20	*	*
4540.1250	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

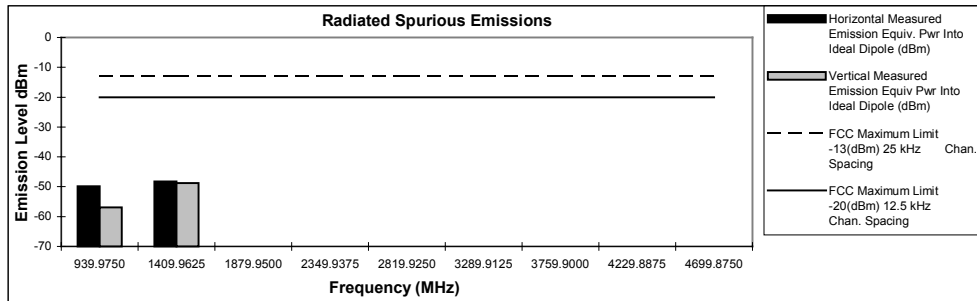
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan
FCC Registration: 91932 / Industry Canada: IC3679

June 3, 2003

Transmitter Radiated Spurious Emissions: ELM 40W**469.9875 MHz****44 Watts****Channel Spacing 25 kHz | S/N 019TAA9996**

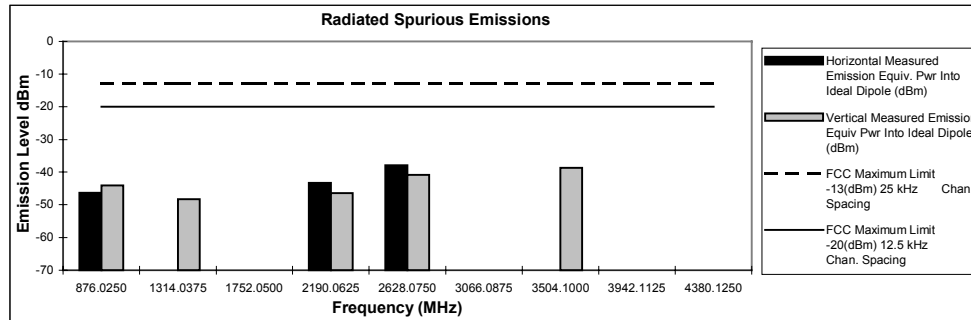
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-13	-20	-49.82	-56.86
1409.9625	-13	-20	-48.17	-48.73
1879.9500	-13	-20	*	*
2349.9375	-13	-20	*	*
2819.9250	-13	-20	*	*
3289.9125	-13	-20	*	*
3759.9000	-13	-20	*	*
4229.8875	-13	-20	*	*
4699.8750	-13	-20	*	*



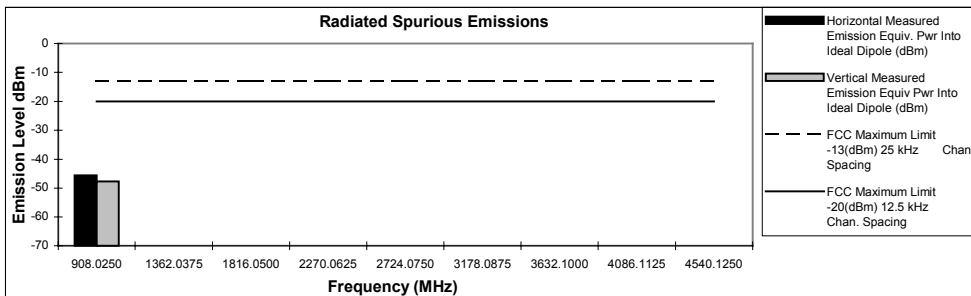
* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: ELM 40W**438.0125 MHz****44 Watts****Channel Spacing 12.5 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
876.0250	-13	-20	-46.26	-44.05
1314.0375	-13	-20	*	-48.28
1752.0500	-13	-20	*	*
2190.0625	-13	-20	-43.28	-46.41
2628.0750	-13	-20	-37.89	-40.87
3066.0875	-13	-20	*	*
3504.1000	-13	-20	*	-38.66
3942.1125	-13	-20	*	*
4380.1250	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: ELM 40W****454.0125 MHz****44 Watts****Channel Spacing 12.5 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
908.0250	-13	-20	-45.59	-47.73
1362.0375	-13	-20	*	*
1816.0500	-13	-20	*	*
2270.0625	-13	-20	*	*
2724.0750	-13	-20	*	*
3178.0875	-13	-20	*	*
3632.1000	-13	-20	*	*
4086.1125	-13	-20	*	*
4540.1250	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or 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.

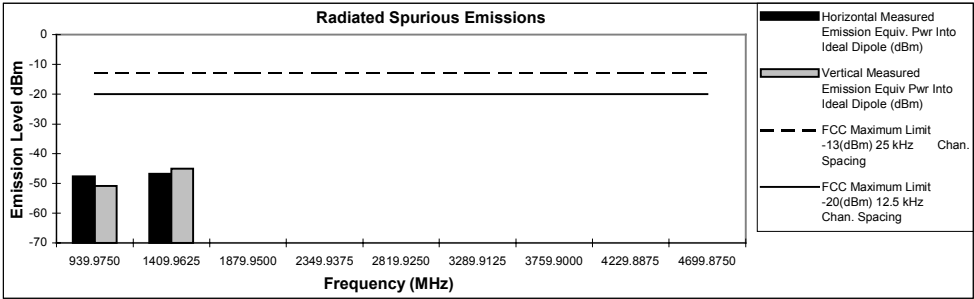
Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan
FCC Registration: 91932 / Industry Canada: IC3679

June 3, 2003

Transmitter Radiated Spurious Emissions: ELM 40W

469.9875 MHz 44 Watts Channel Spacing 12.5 kHz | S/N 019TAA9996

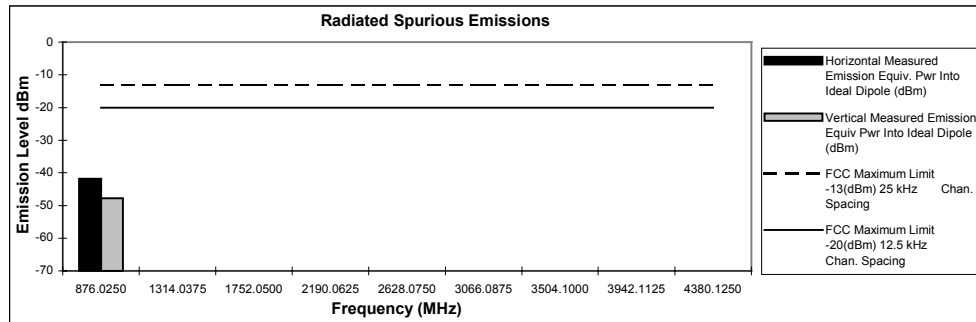
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-13	-20	-47.65	-50.91
1409.9625	-13	-20	-46.74	-44.99
1879.9500	-13	-20	*	*
2349.9375	-13	-20	*	*
2819.9250	-13	-20	*	*
3289.9125	-13	-20	*	*
3759.9000	-13	-20	*	*
4229.8875	-13	-20	*	*
4699.8750	-13	-20	*	*



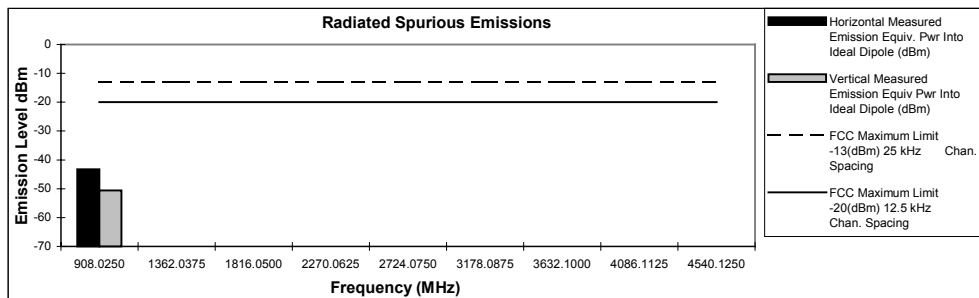
* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: ELM 40W**438.0125 MHz****25 Watts****Channel Spacing 25 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
876.0250	-13	-20	-41.78	-47.77
1314.0375	-13	-20	*	*
1752.0500	-13	-20	*	*
2190.0625	-13	-20	*	*
2628.0750	-13	-20	*	*
3066.0875	-13	-20	*	*
3504.1000	-13	-20	*	*
3942.1125	-13	-20	*	*
4380.1250	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: ELM 40W****454.0125 MHz****25 Watts****Channel Spacing 25 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
908.0250	-13	-20	-43.34	-50.57
1362.0375	-13	-20	*	*
1816.0500	-13	-20	*	*
2270.0625	-13	-20	*	*
2724.0750	-13	-20	*	*
3178.0875	-13	-20	*	*
3632.1000	-13	-20	*	*
4086.1125	-13	-20	*	*
4540.1250	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

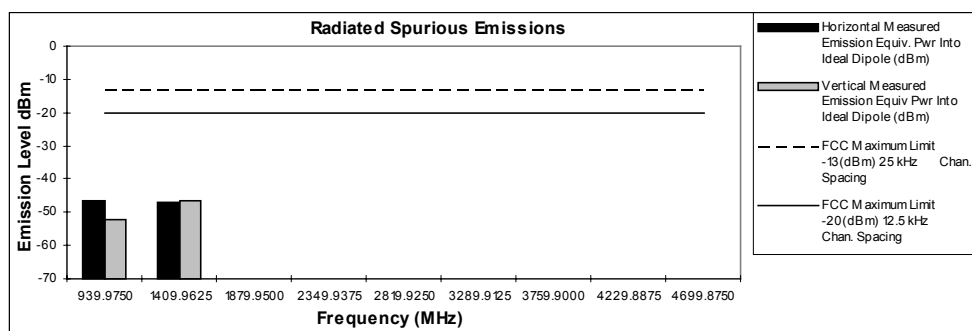
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Frank Baader
FCC Registration: 91932 / Industry Canada: IC3679

June 3, 2003

Transmitter Radiated Spurious Emissions: ELM 40W**469.9875 MHz****25 Watts****Channel Spacing 25 kHz | S/N 019TAA9996**

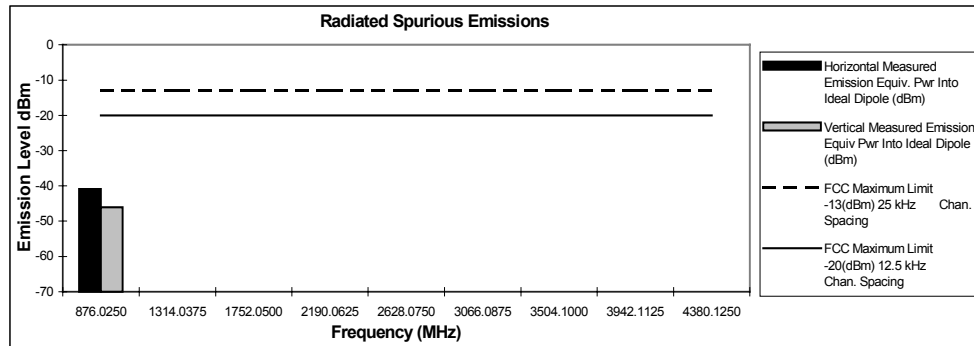
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr r Into Ideal Dipole (dBm)
939.9750	-13	-20	-46.38	-52.43
1409.9625	-13	-20	-46.79	-46.74
1879.9500	-13	-20	*	*
2349.9375	-13	-20		*
2819.9250	-13	-20		*
3289.9125	-13	-20		*
3759.9000	-13	-20		*
4229.8875	-13	-20		*
4699.8750	-13	-20		*



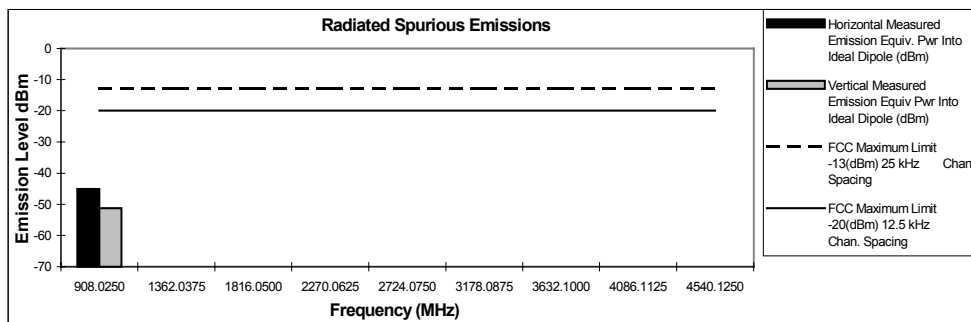
* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Transmitter Radiated Spurious Emissions: ELM 40W**438.0125 MHz****25 Watts****Channel Spacing 12.5 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
876.0250	-13	-20	-40.84	-46.01
1314.0375	-13	-20	*	*
1752.0500	-13	-20	*	*
2190.0625	-13	-20	*	*
2628.0750	-13	-20	*	*
3066.0875	-13	-20	*	*
3504.1000	-13	-20	*	*
3942.1125	-13	-20	*	*
4380.1250	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: ELM 40W****454.0125 MHz****25 Watts****Channel Spacing 12.5 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
908.0250	-13	-20	-45.09	-51.21
1362.0375	-13	-20	*	*
1816.0500	-13	-20	*	*
2270.0625	-13	-20	*	*
2724.0750	-13	-20	*	*
3178.0875	-13	-20	*	*
3632.1000	-13	-20	*	*
4086.1125	-13	-20	*	*
4540.1250	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

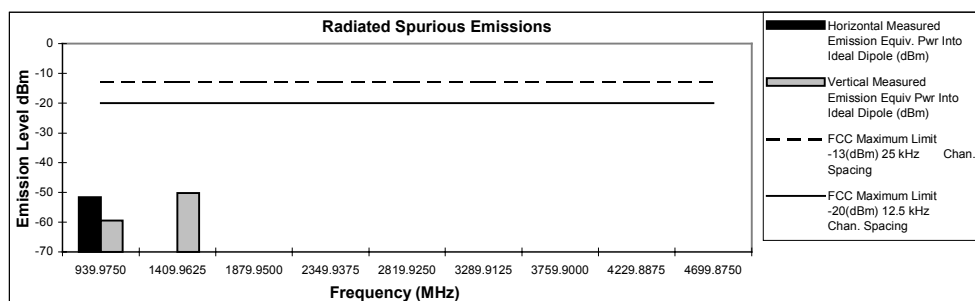
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan
FCC Registration: 91932 / Industry Canada: IC3679

June 3, 2003

Transmitter Radiated Spurious Emissions: ELM 40W**469.9875 MHz****25 Watts****Channel Spacing 12.5 kHz | S/N 019TAA9996**

Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-13	-20	-51.59	-59.42
1409.9625	-13	-20	*	-50.10
1879.9500	-13	-20	*	*
2349.9375	-13	-20	*	*
2819.9250	-13	-20	*	*
3289.9125	-13	-20	*	*
3759.9000	-13	-20	*	*
4229.8875	-13	-20	*	*
4699.8750	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

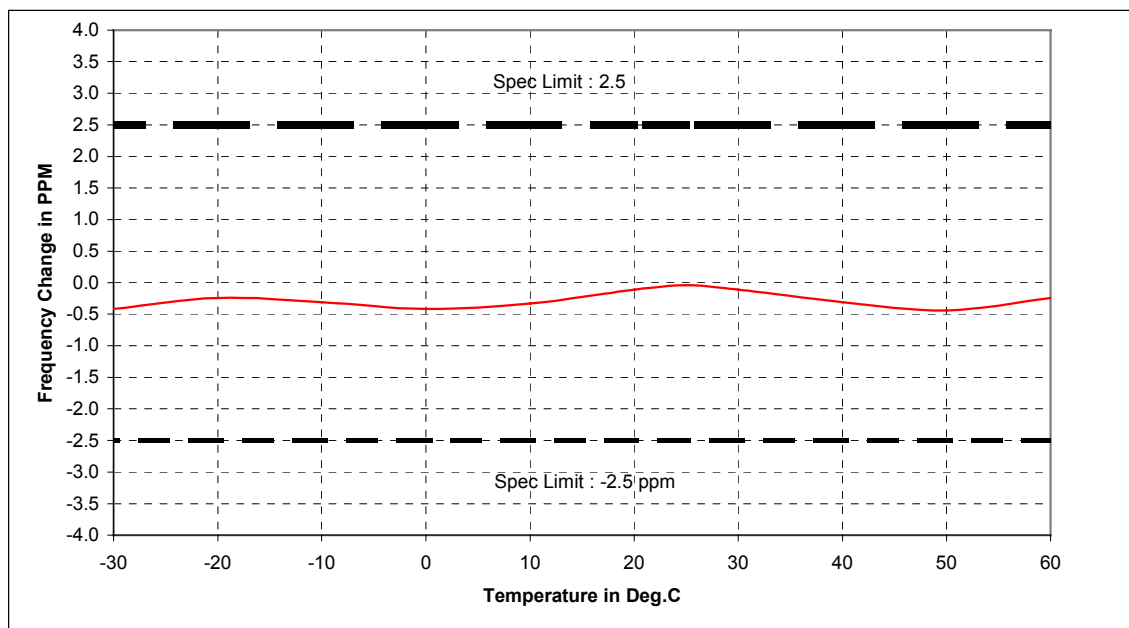
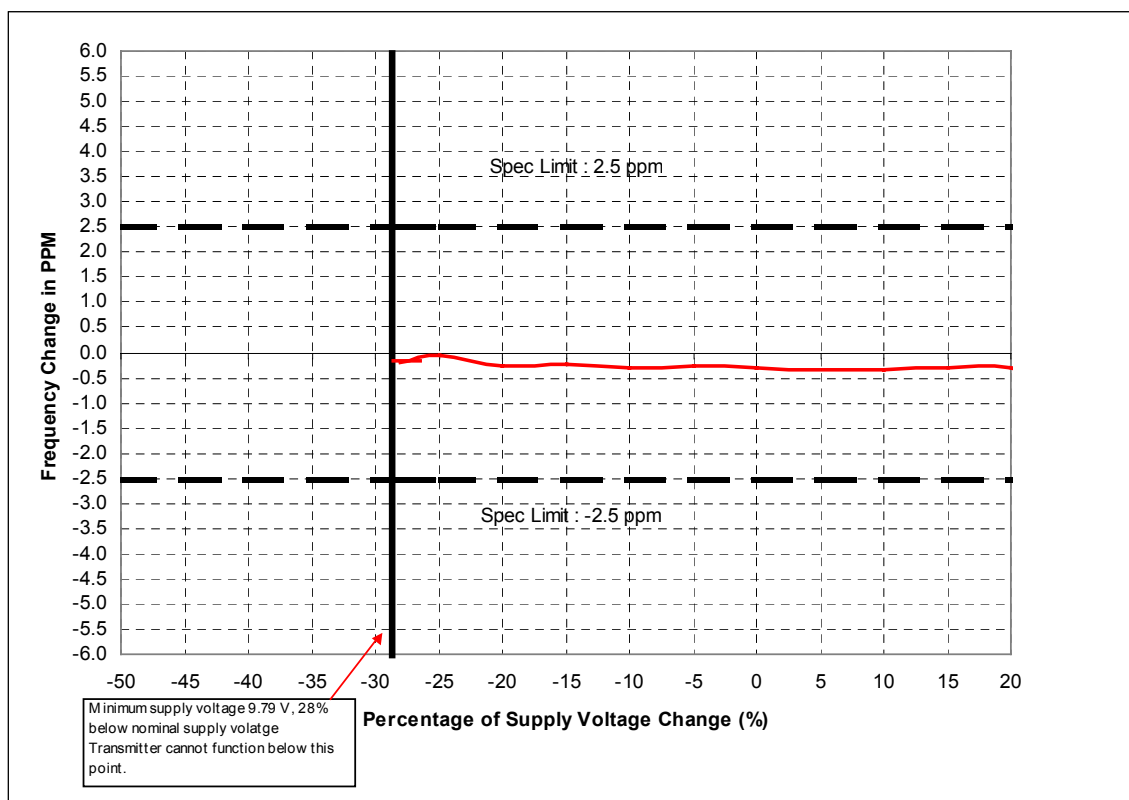
EXHIBIT 6H – Frequency Stability - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)**Figure 6H-1: Frequency Stability vs. Temperature****Figure 6H-2: Frequency Stability vs. Supply Voltage**

EXHIBIT 6I – Transient Frequency Behavior
Note: Measurement made at 454.0125 MHz

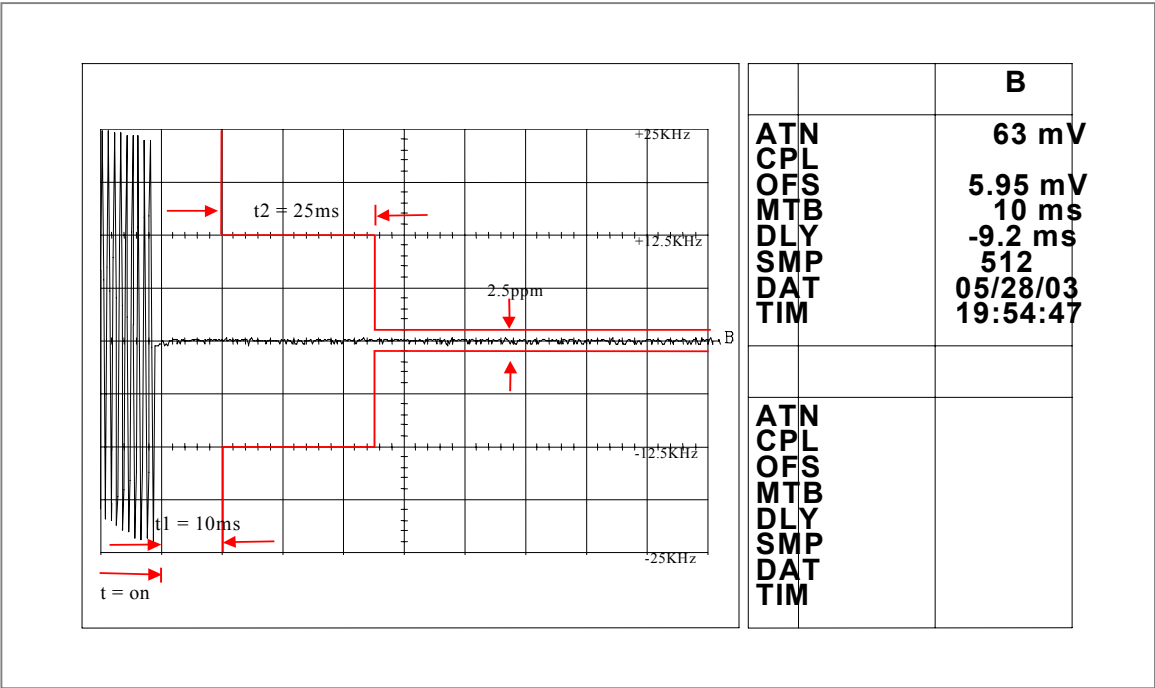


Figure 6I-1: 44 Watts, 12.5 KHz Key-Up Attack Time

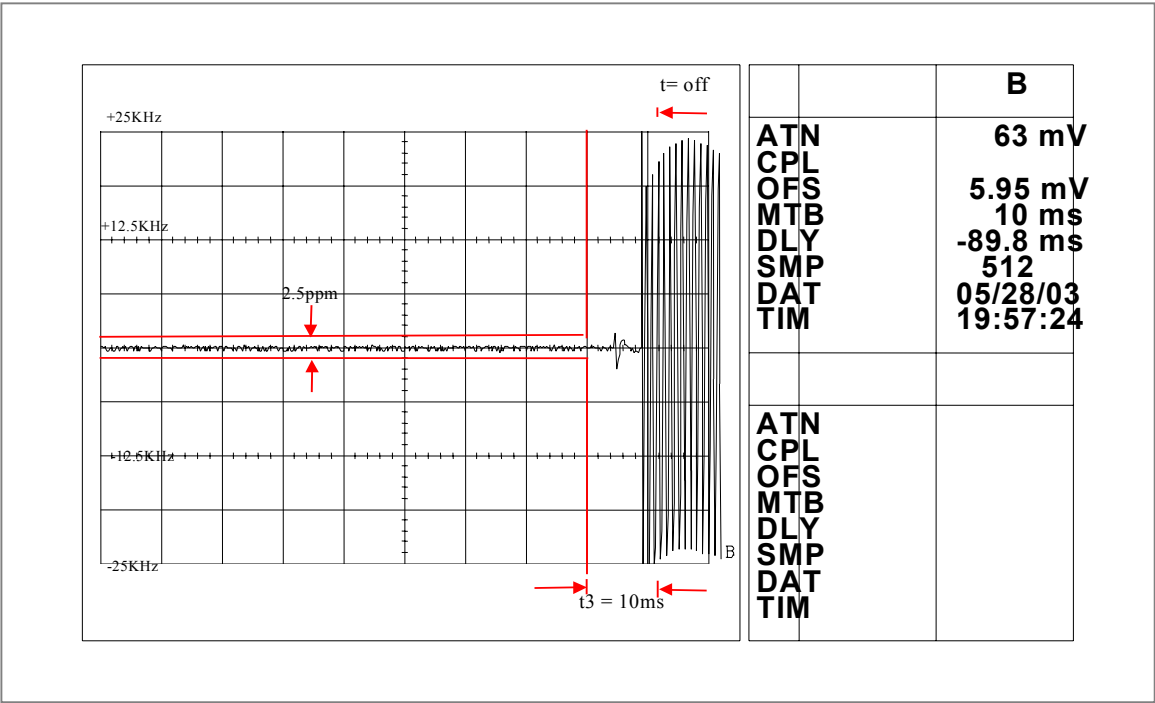


Figure 6I-2: 44 Watts, 12.5 KHz De-Key Decay Time

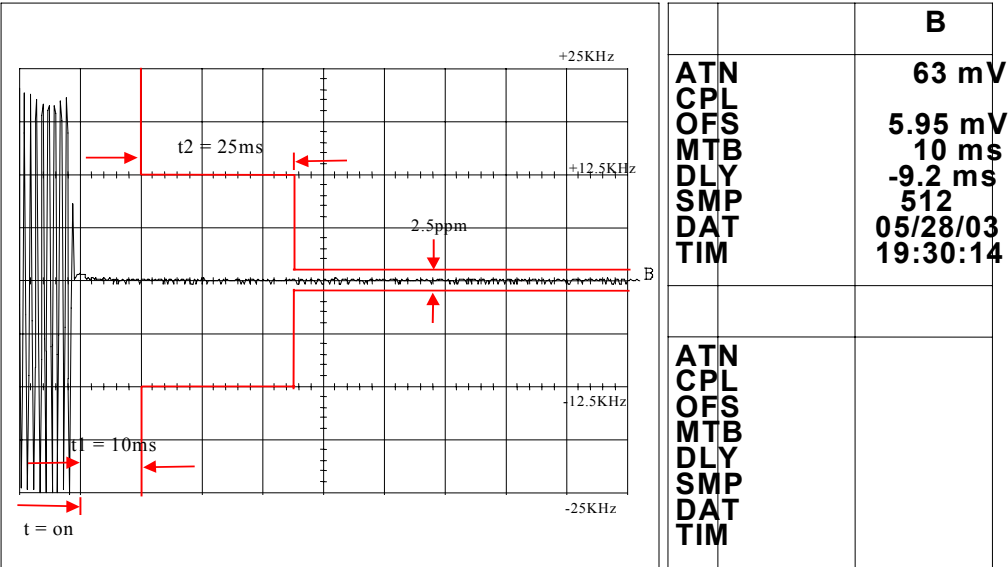


Figure 6I-3: 44 Watts, 25 KHz Key-Up Attack Time

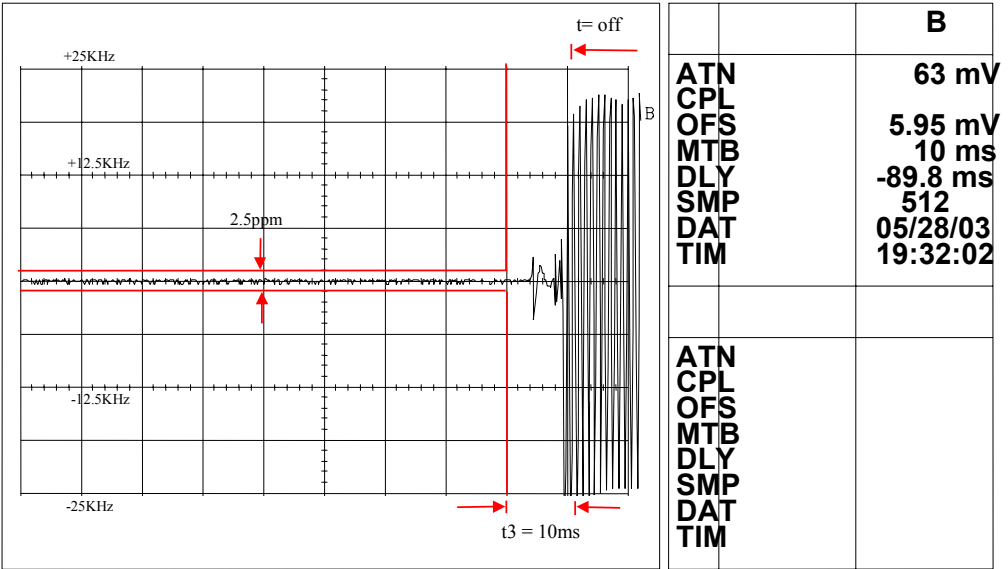


Figure 6I-4: 44 Watts, 25 KHz De-Key Decay Time

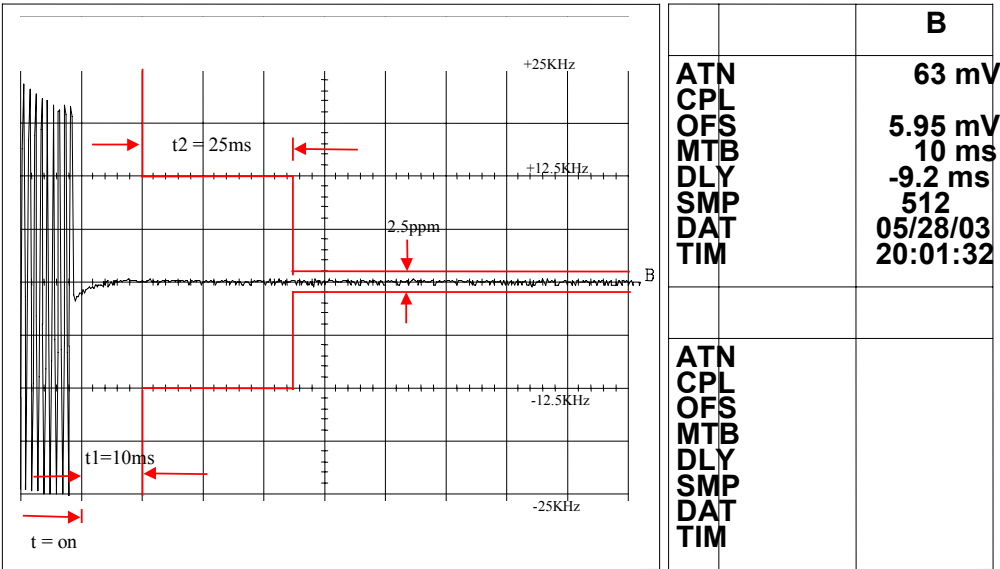


Figure 6I-5: 25 Watts, 12.5 KHz Key-Up Attack Time

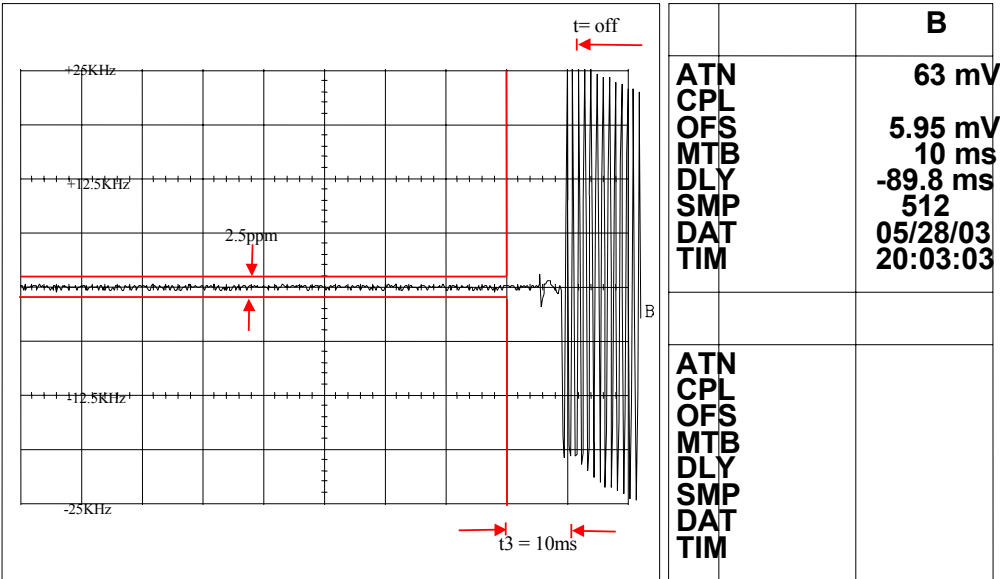


Figure 6I-6: 25 Watts, 12.5 KHz De-Key Decay Time

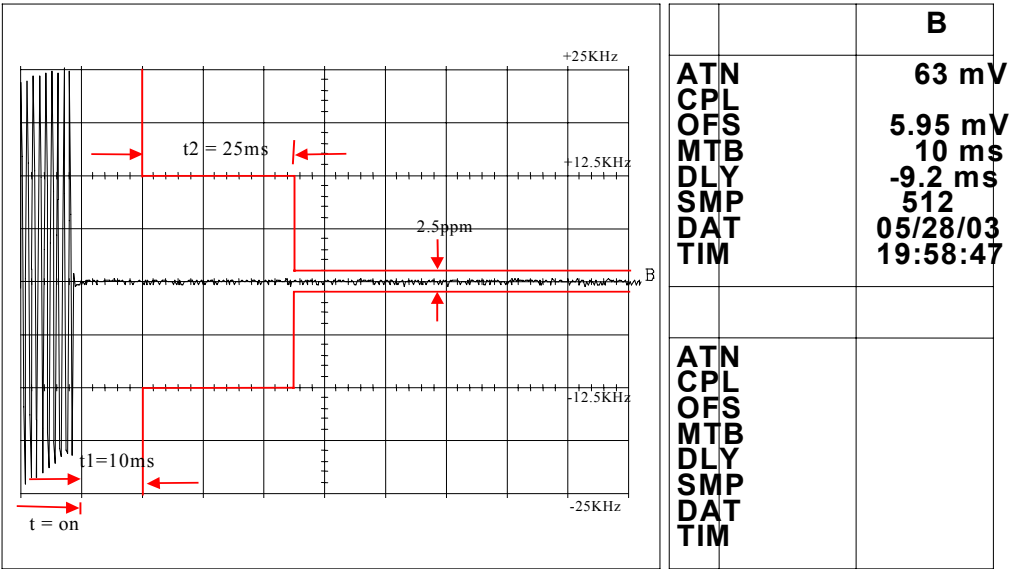


Figure 6I-7: 25 Watts, 25 KHz Key-Up Attack Time

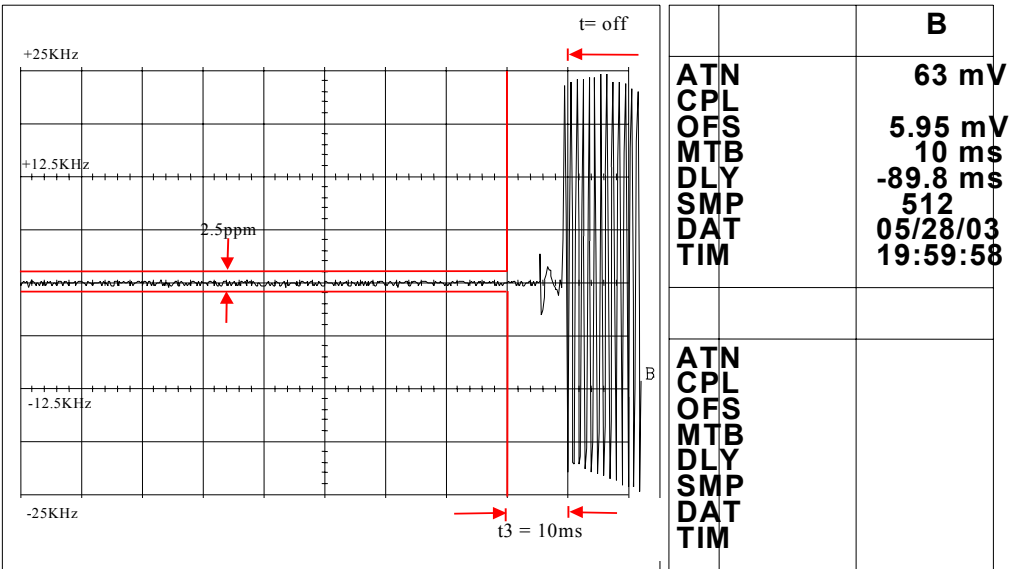


Figure 6I-8: 25 Watts, 25 KHz De-Key Decay Time