

INDEX OF SUBMITTED MEASURED DATA

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

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6F-6 – 4 Watts, 479.975 MHz

EXHIBIT 6G – Radiated Spurious Emissions (12 Graphs)

6G-1 – 2 Watts, 435.025 MHz, 12.5 kHz

6G-2 – 2 Watts, 457.525 MHz, 12.5 kHz

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6G-4 – 2 Watts, 435.025 MHz, 25 kHz

6G-5 – 2 Watts, 457.525 MHz, 25 kHz

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- 6I-7 – 2 Watts, 25 kHz Key-Up Attack Time
- 6I-8 – 2 Watts, 25 kHz De-Key Decay Time

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 435.025 MHz:

Output RF power	4.62	Watts
DC Voltage	7.5	Volts
DC Current	1.75	A
DC Input Power	13.125	Watts

At minimum output power setting, Frequency 435.025 MHz:

Output RF power	2.02	Watts
DC Voltage	7.5	Volts
DC Current	1.3	A
DC Input Power	9.75	Watts

At maximum output power setting, Frequency 457.525 MHz:

Output RF power	4.65	Watts
DC Voltage	7.5	Volts
DC Current	1.76	A
DC Input Power	13.2	Watts

At minimum output power setting, Frequency 457.525 MHz:

Output RF power	2.1	Watts
DC Voltage	7.5	Volts
DC Current	1.1	A
DC Input Power	8.25	Watts

At maximum output power setting, Frequency 479.975 MHz:

Output RF power	4.64	Watts
DC Voltage	7.5	Volts
DC Current	1.68	A
DC Input Power	12.6	Watts

At minimum output power setting, Frequency 479.975 MHz:

Output RF power	2.09	Watts
DC Voltage	7.5	Volts
DC Current	1.12	A
DC Input Power	8.4	Watts

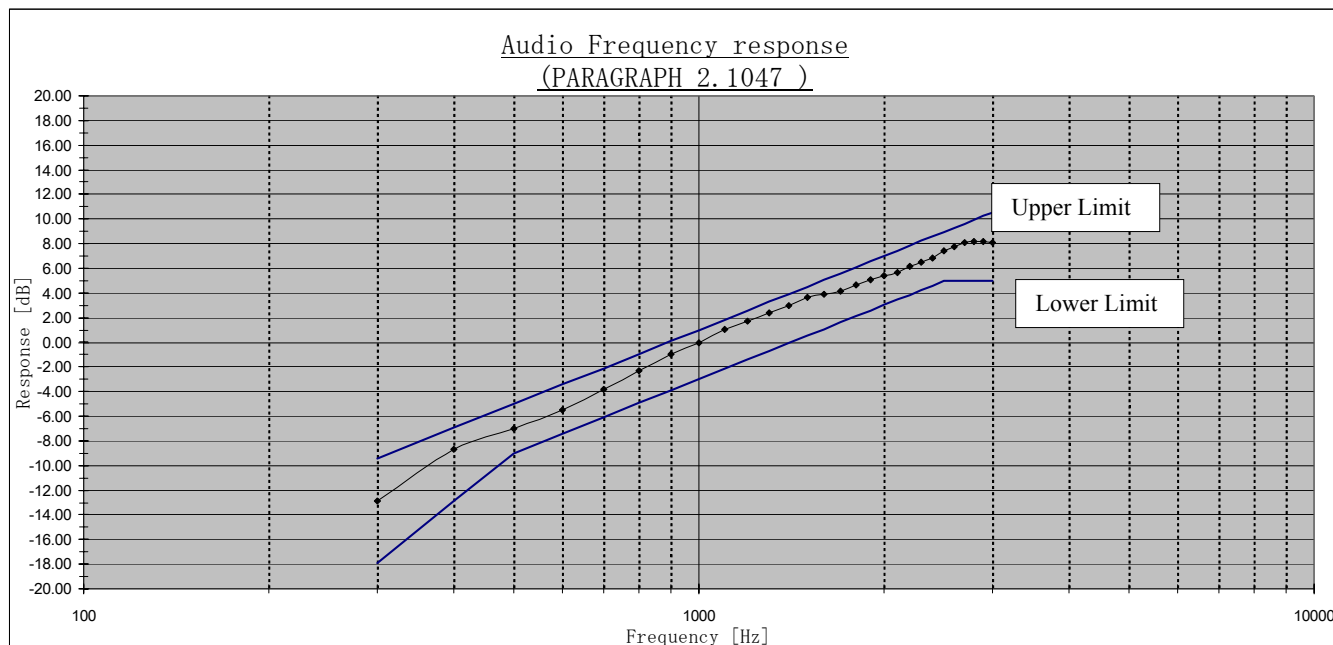
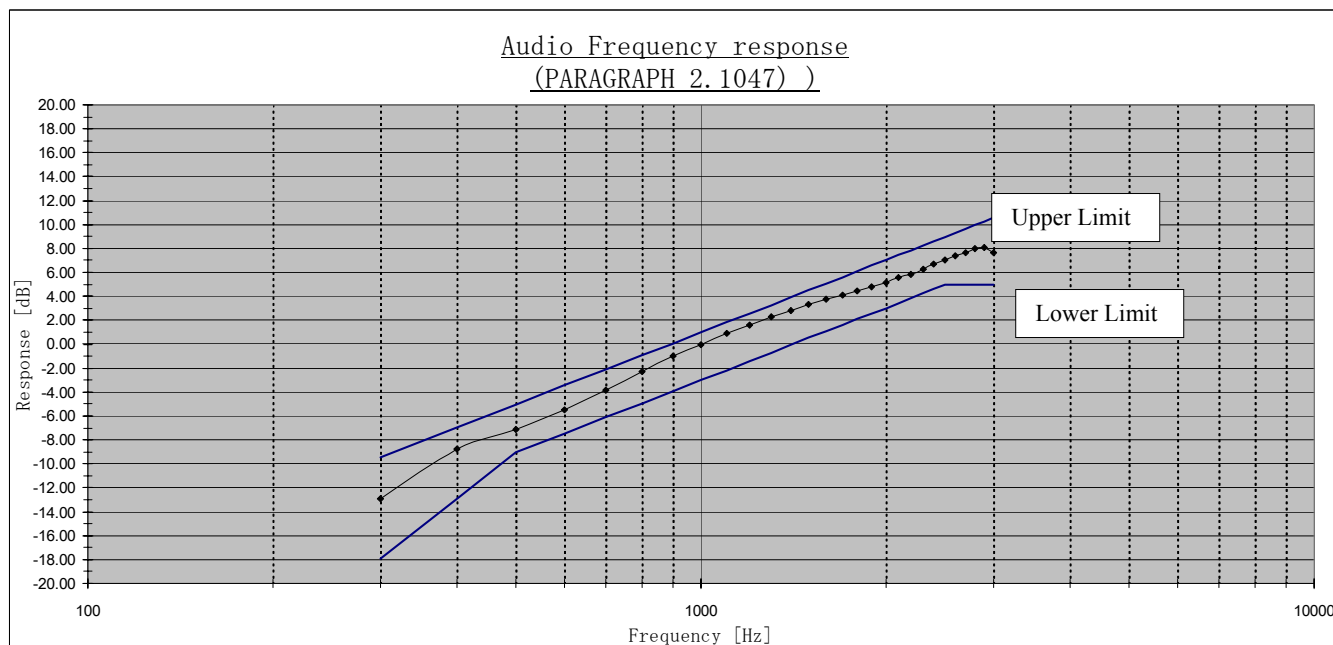
EXHIBIT 6B – Transmit Audio Response - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)**Figure 6B-1: 12.5 KHz Channel Spacing , Transmit Audio Response****Figure 6B-2: 25 KHz Channel Spacing , Transmit Audio Response**

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

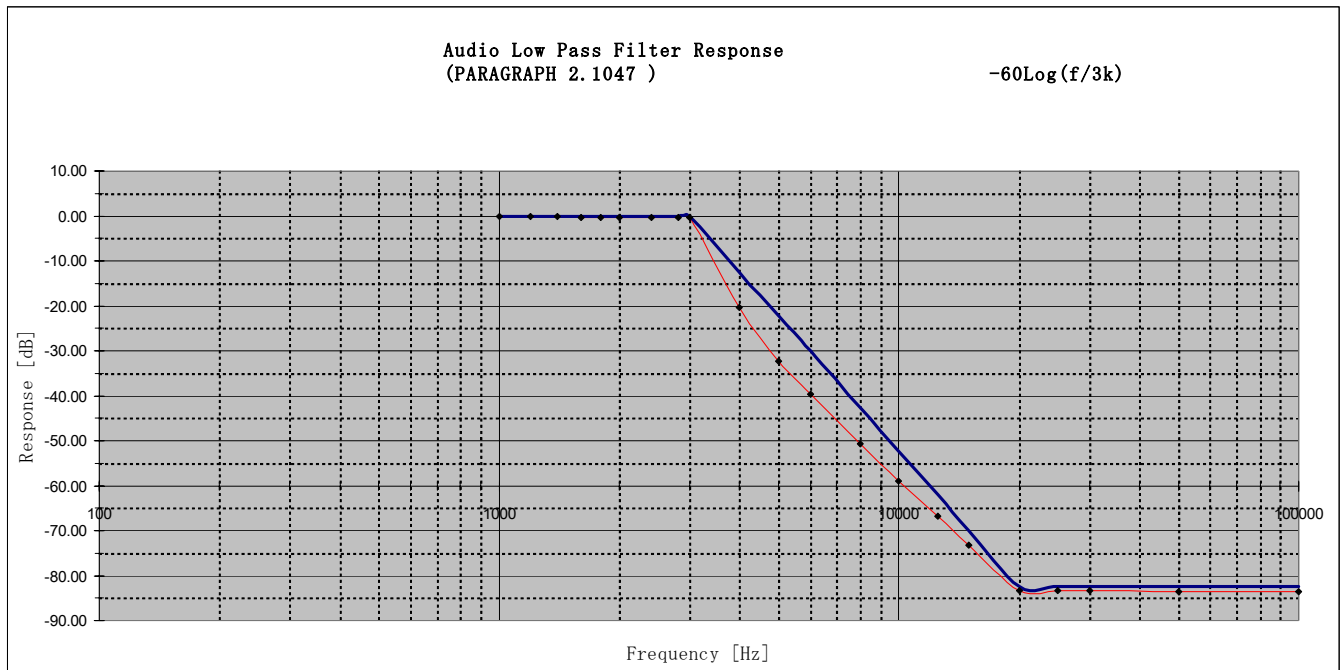


Figure 6C-1: 12.5 KHz Channel Spacing, Transmit Audio Post Limiter Lowpass Filter Response

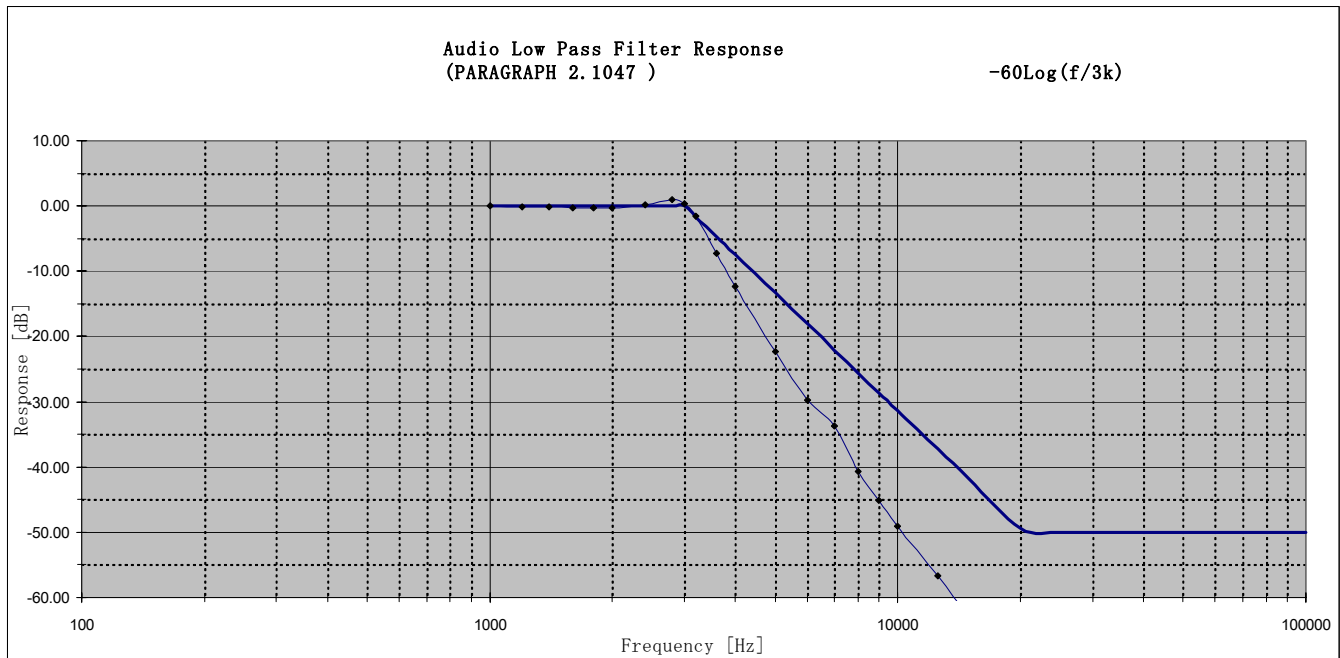
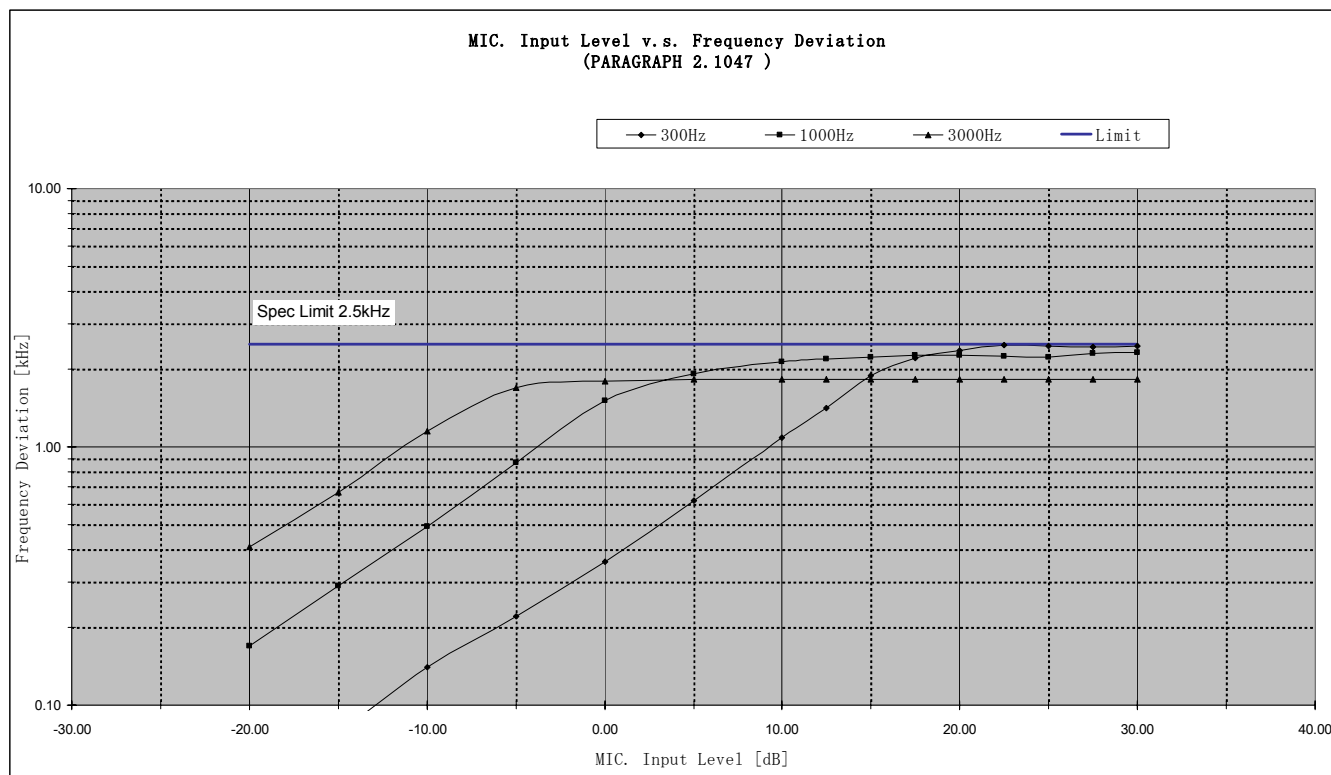
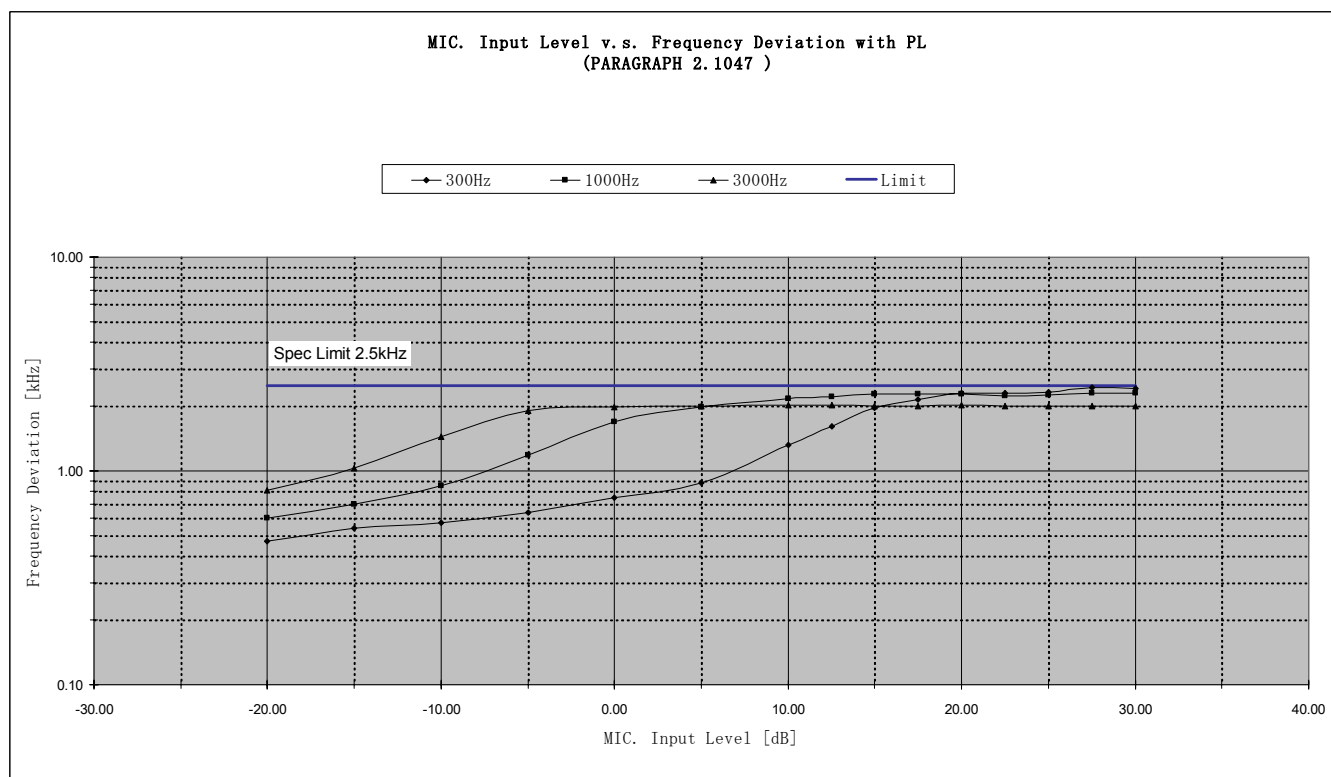
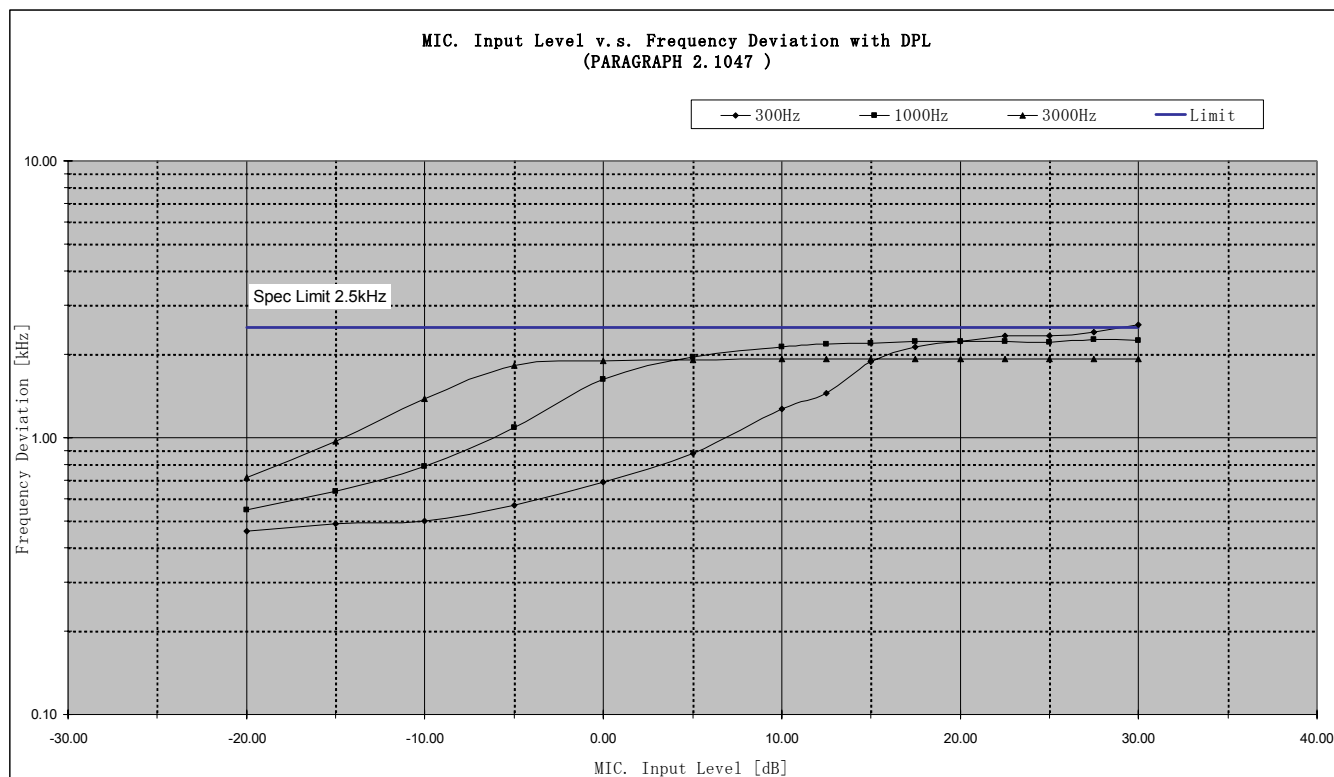
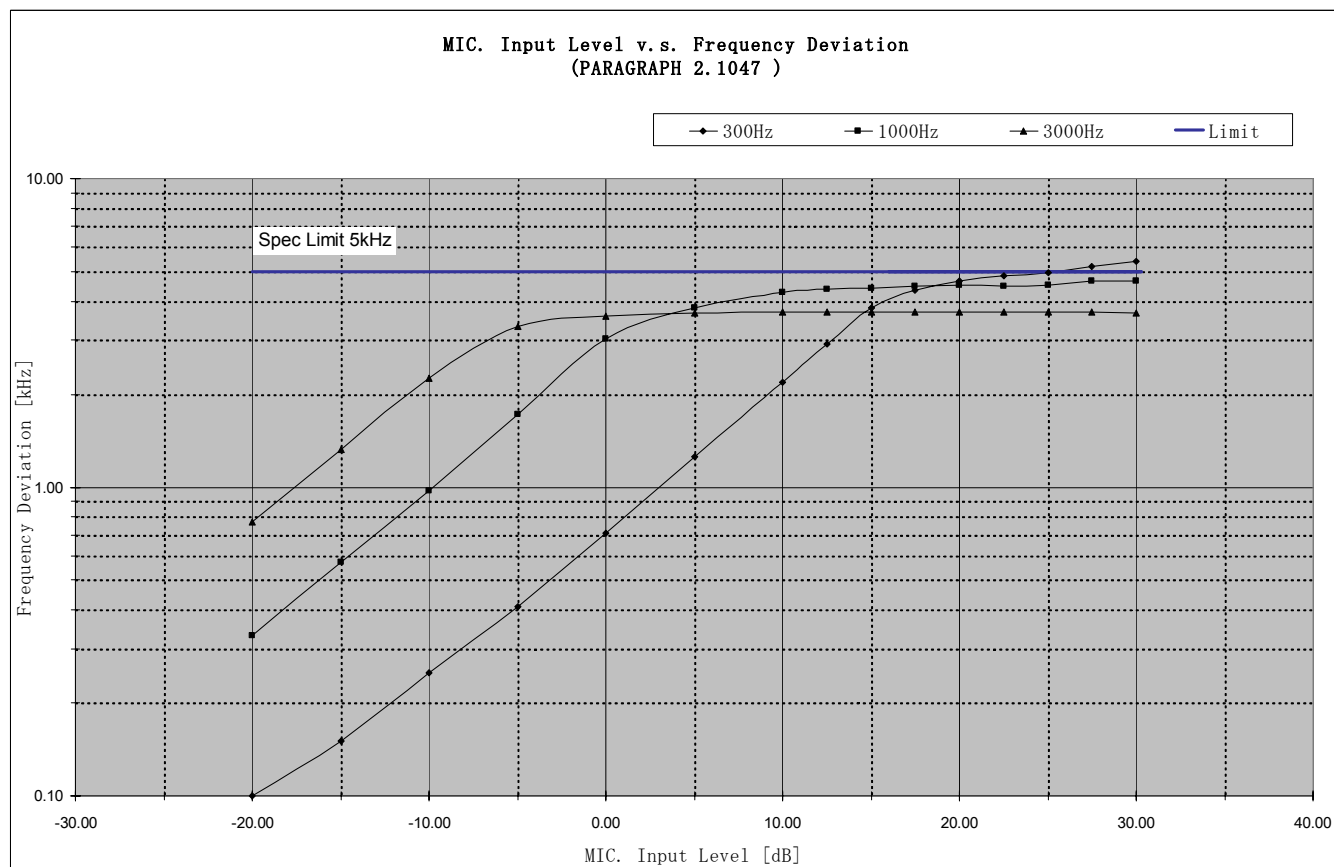


Figure 6C-2: 25 KHz Channel Spacing, Transmit Audio Post Limiter Lowpass Filter Response

EXHIBIT 6D – Modulation Limiting Characteristics - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)**Figure 6D-1: 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**

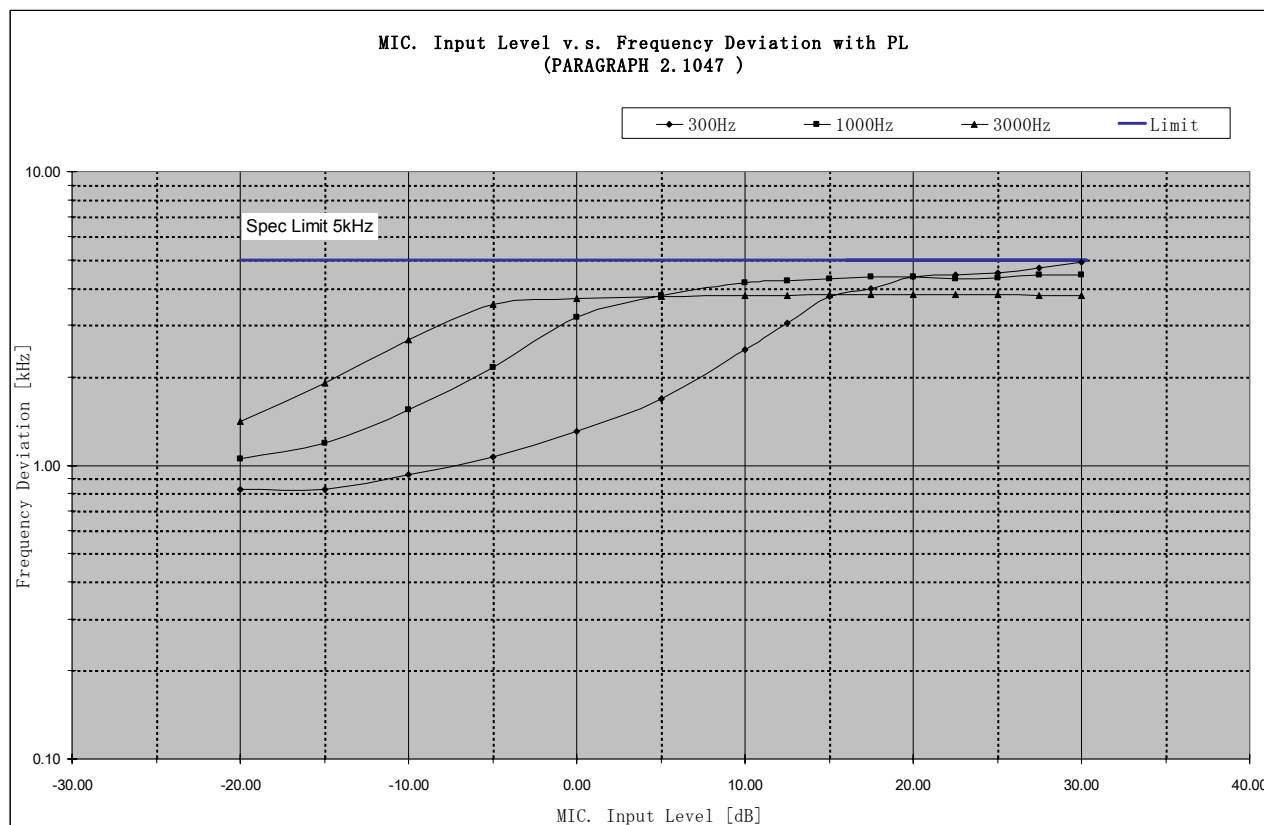


Figure 6D-5: 25 KHz Channel Spacing, Tone Private Line (TPL)

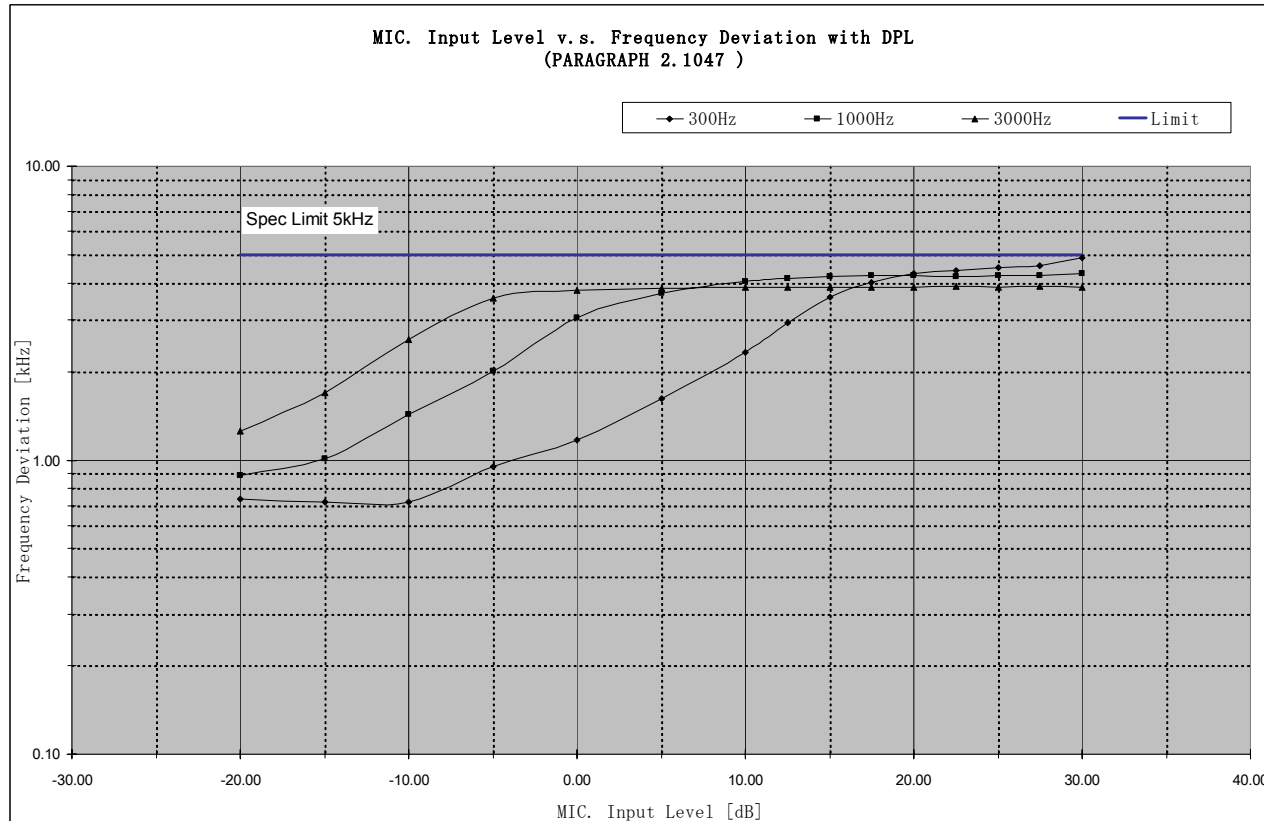
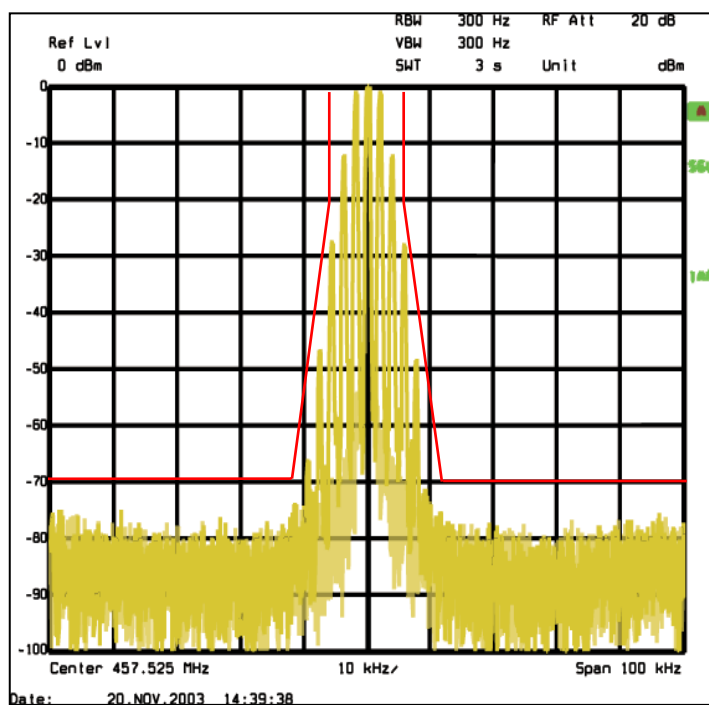
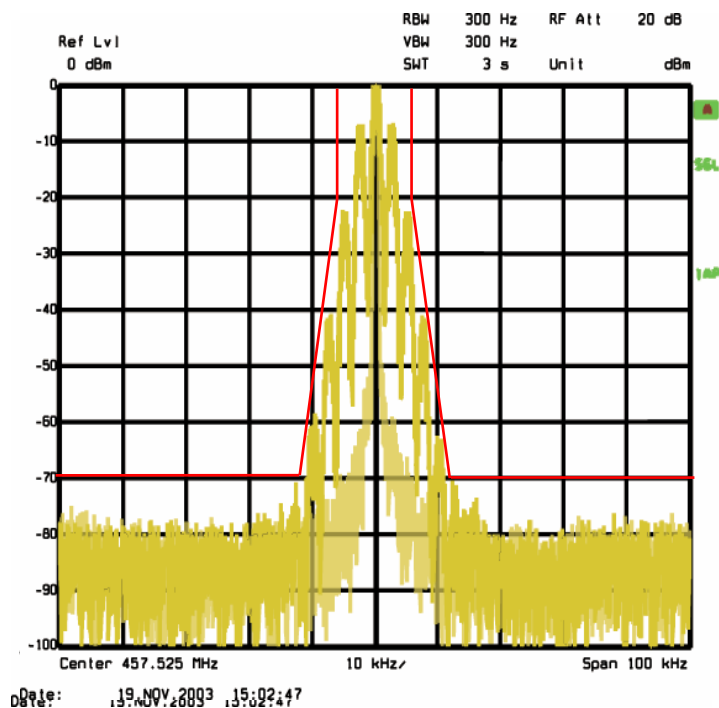


Figure 6D-6: 25 KHz Channel Spacing, Digital Private Line (DPL) Mode

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**

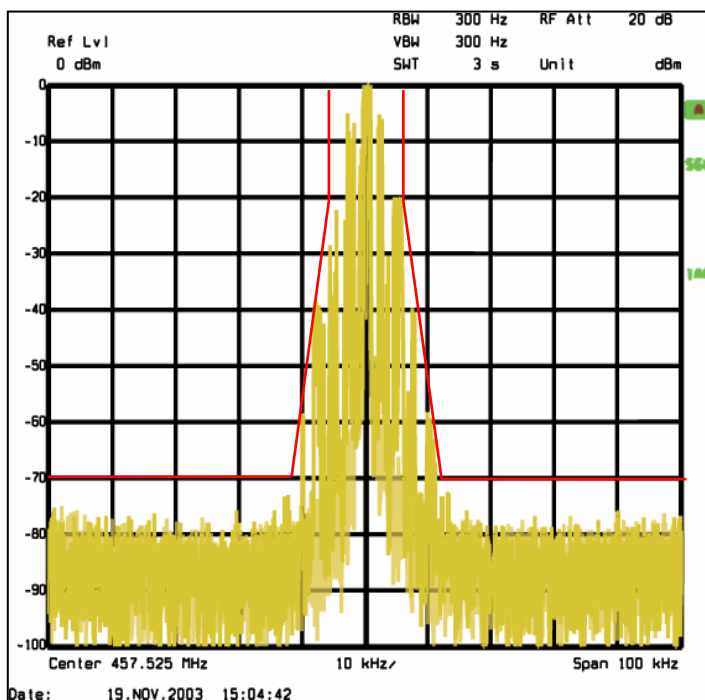


Figure 6E-3: 12.5 KHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, Mask D

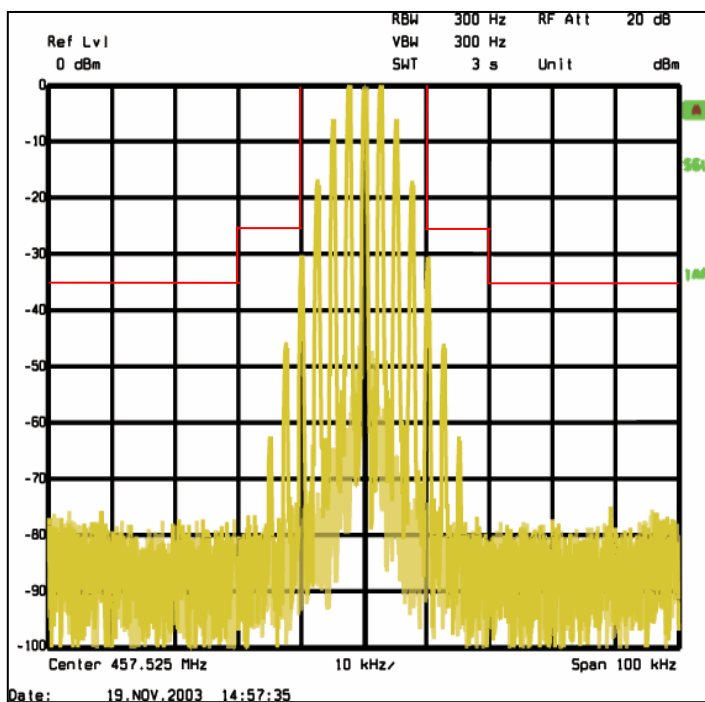


Figure 6E-10: 25 KHz Channel Spacing, 2500 Hz Audio Modulation Only, Mask B

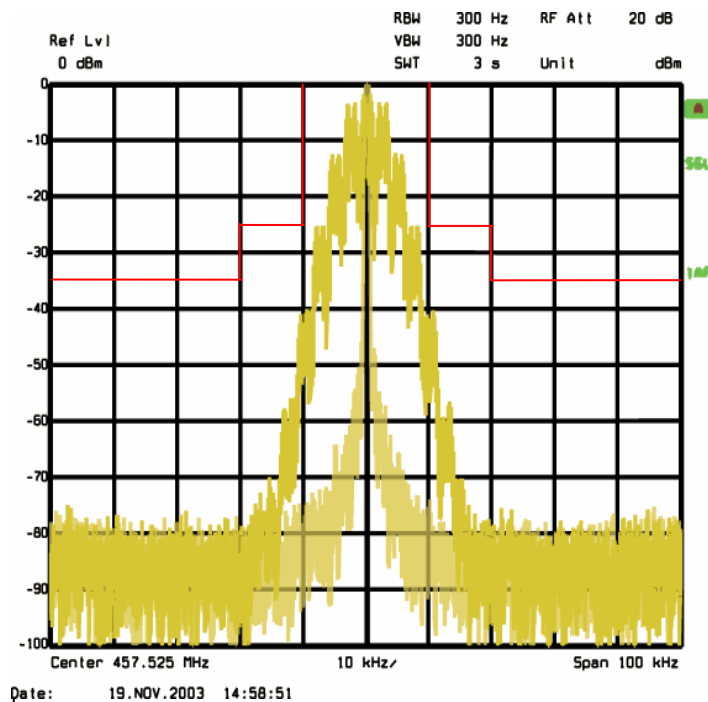


Figure 6E-11: 25 KHz Channel Spacing, 2500 Hz Audio and PL Tone Modulation, Mask B

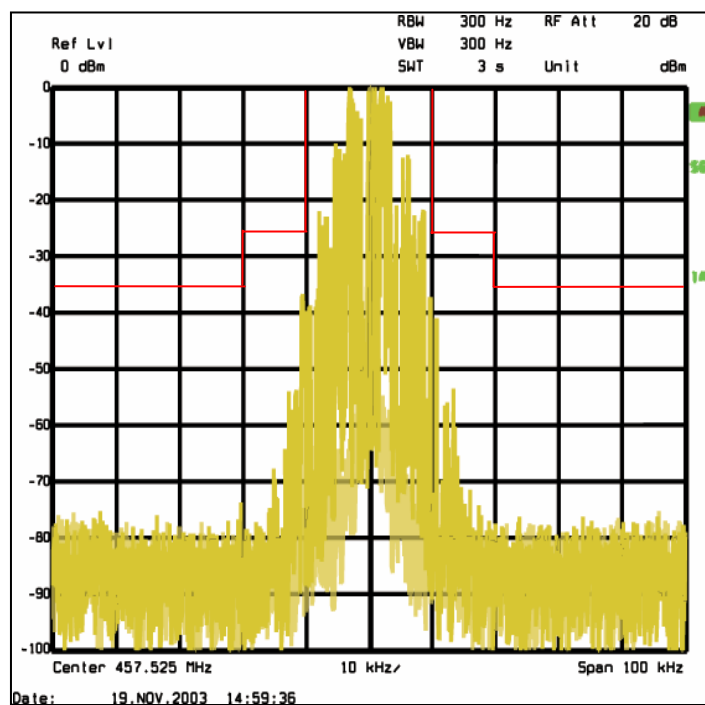


Figure 6E-12: 25 KHz Channel Spacing, 2500 Hz Audio and DPL Tone Modulation, Mask B

EXHIBIT 6F – Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)
Note: Red line on graphs correspond to the FCC limit of -13dBm.

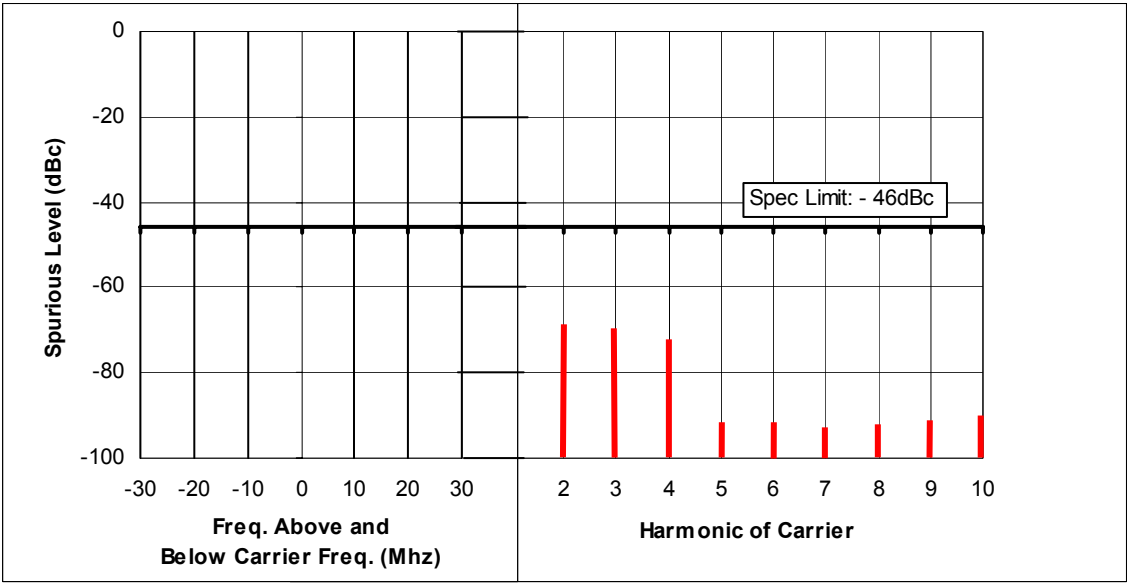


Table 6F-1: 2 Watt Harmonic of Carrier 435.025MHz

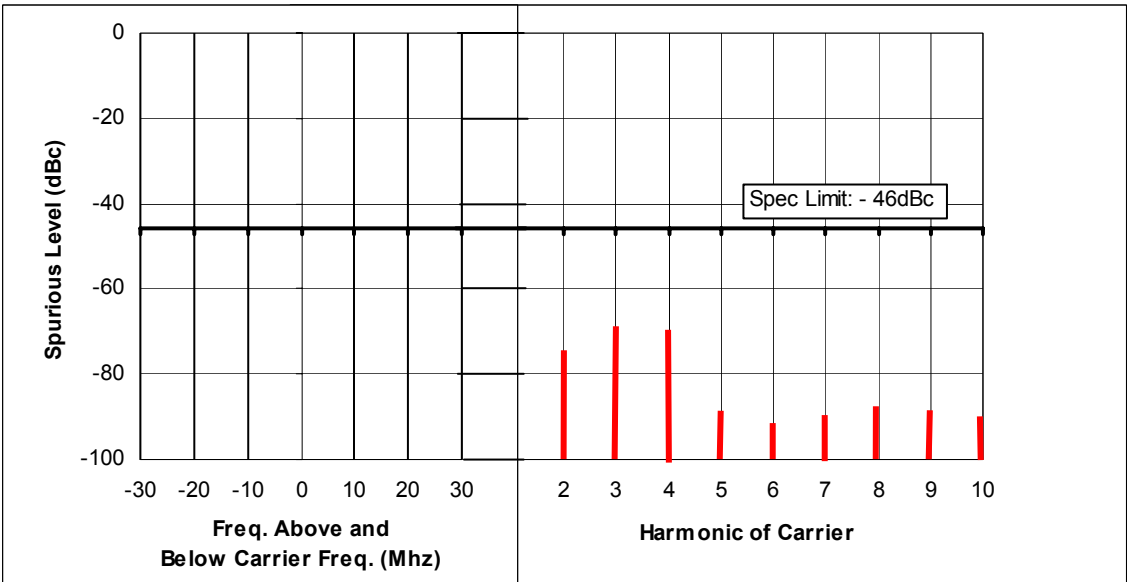


Table 6F-2: 2 Watt Harmonic of Carrier 457.525MHz

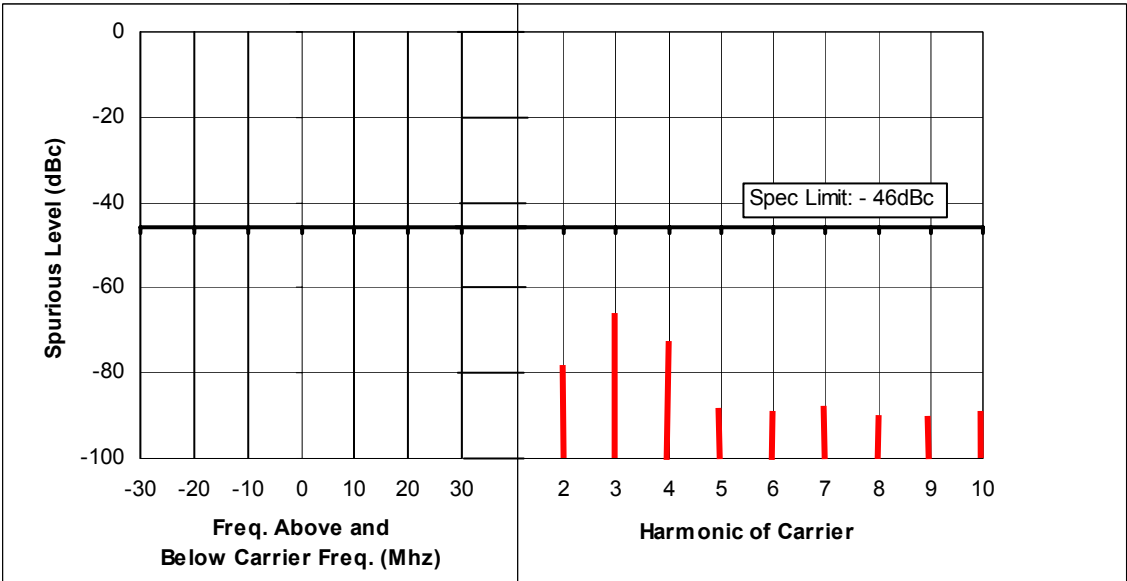


Table 6F-3: 2 Watt Harmonic of Carrier 479.975MHz

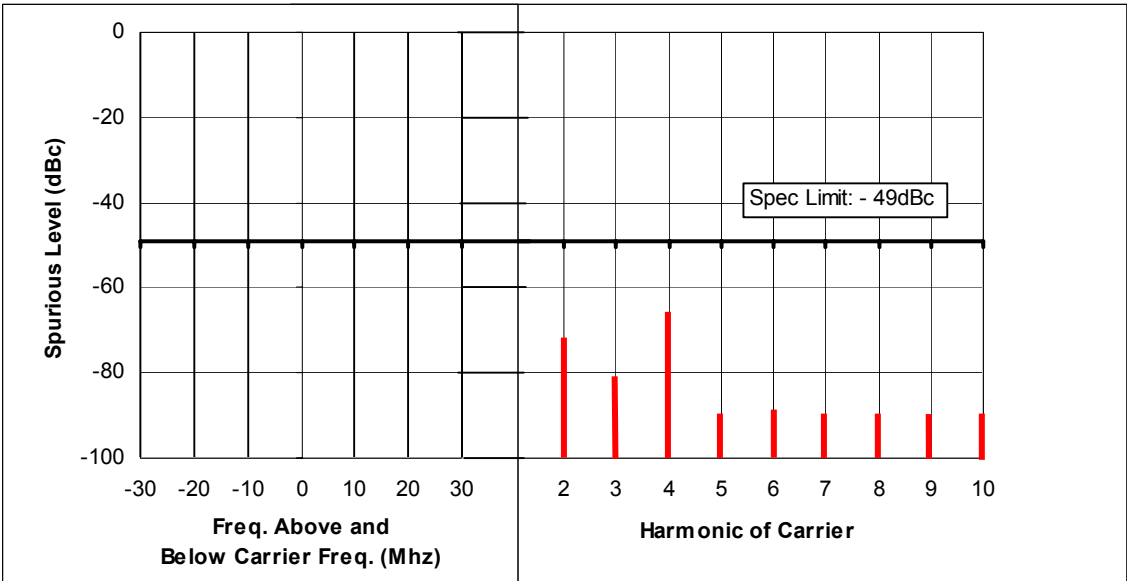


Table 6F-4: 4 Watt Harmonic of Carrier 435.025MHz

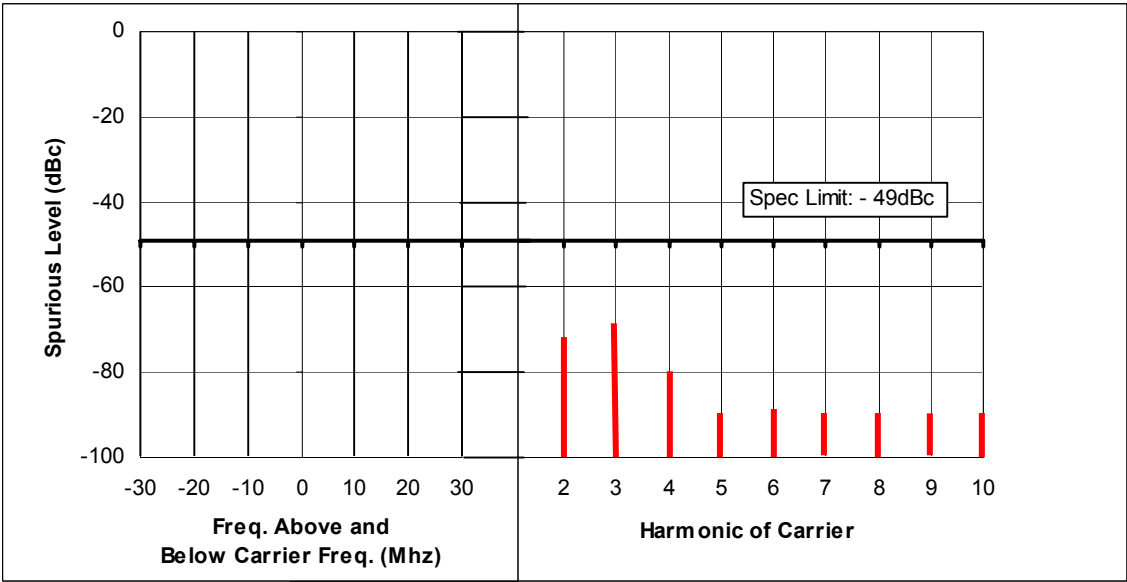


Table 6F-5: 4 Watt Harmonic of Carrier 457.525MHz

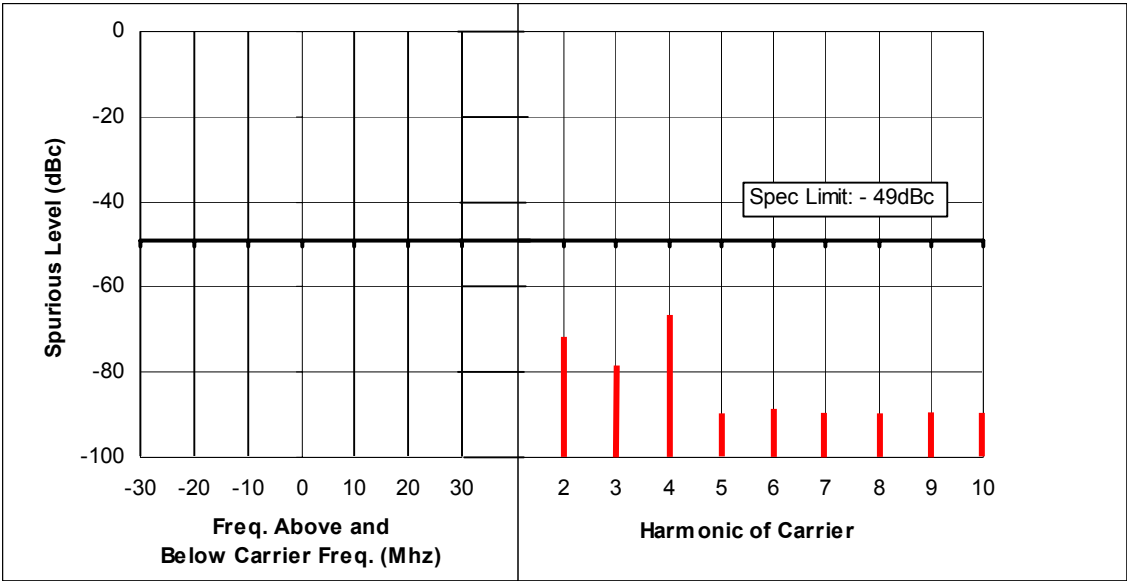


Table 6F-6: 4 Watt Harmonic of Carrier 479.975MHz

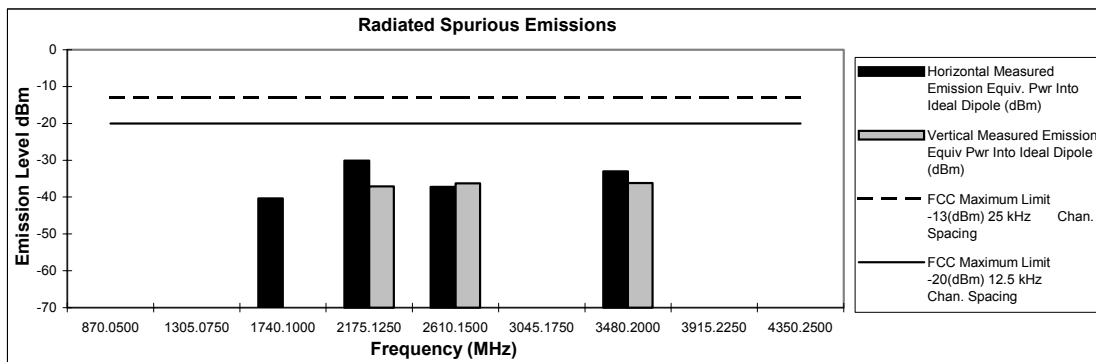
EXHIBIT 6G – Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

Motorola Inc.

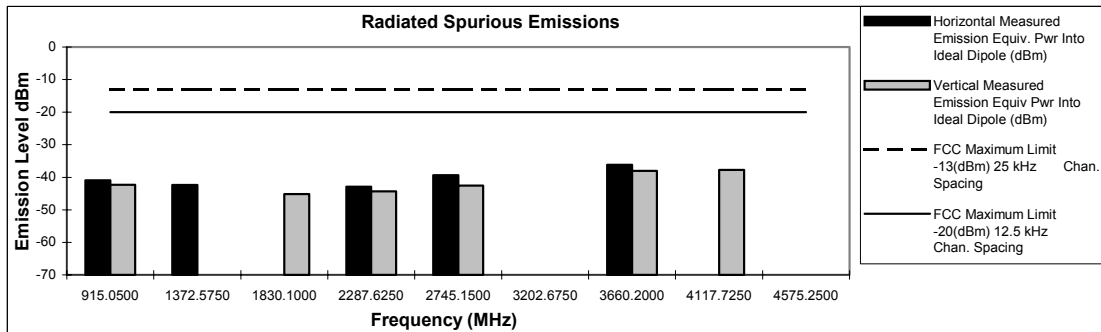
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Transmitter Radiated Spurious Emissions: Alpha X**435.025 MHz****2 Watts****Channel Spacing 12.5KHZ | S/N 246XDU0033**

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)
870.0500	-13	-20	*	*
1305.0750	-13	-20	*	*
1740.1000	-13	-20	-40.31	*
2175.1250	-13	-20	-30.11	-37.09
2610.1500	-13	-20	-37.23	-36.29
3045.1750	-13	-20	*	*
3480.2000	-13	-20	-32.99	-36.17
3915.2250	-13	-20	*	*
4350.2500	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: Alpha X****457.525 MHz****2 Watts****Channel Spacing 12.5KHZ | S/N 246XDU0033**

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)
915.0500	-13	-20	-40.92	-42.32
1372.5750	-13	-20	-42.42	*
1830.1000	-13	-20	*	-45.15
2287.6250	-13	-20	-42.91	-44.30
2745.1500	-13	-20	-39.38	-42.57
3202.6750	-13	-20	*	*
3660.2000	-13	-20	-36.15	-38.06
4117.7250	-13	-20	*	-37.74
4575.2500	-13	-20	*	*

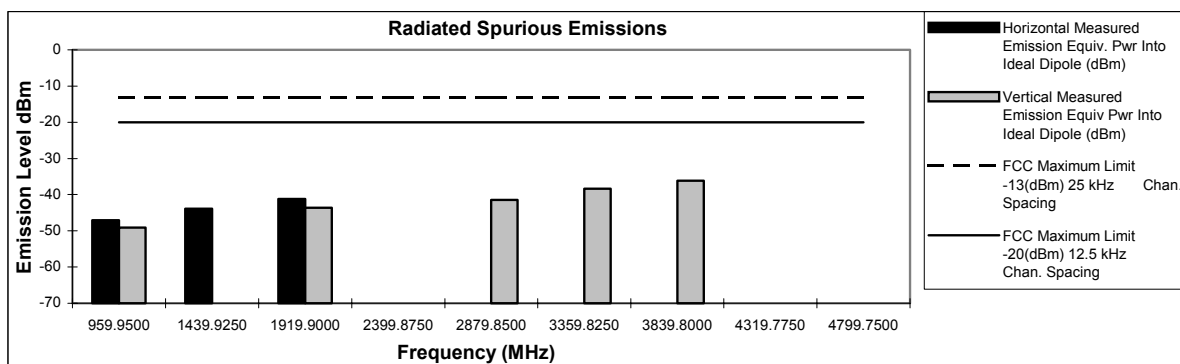


* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

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

Transmitter Radiated Spurious Emissions: Alpha X**479.975 MHz****2 Watts****Channel Spacing 12.5KHZ | S/N 246XDU0033**

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)
959.9500	-13	-20	-47.03	-49.09
1439.9250	-13	-20	-43.89	*
1919.9000	-13	-20	-41.21	-43.64
2399.8750	-13	-20	*	*
2879.8500	-13	-20	*	-41.43
3359.8250	-13	-20	*	-38.34
3839.8000	-13	-20	*	-36.15
4319.7750	-13	-20	*	*
4799.7500	-13	-20	*	*

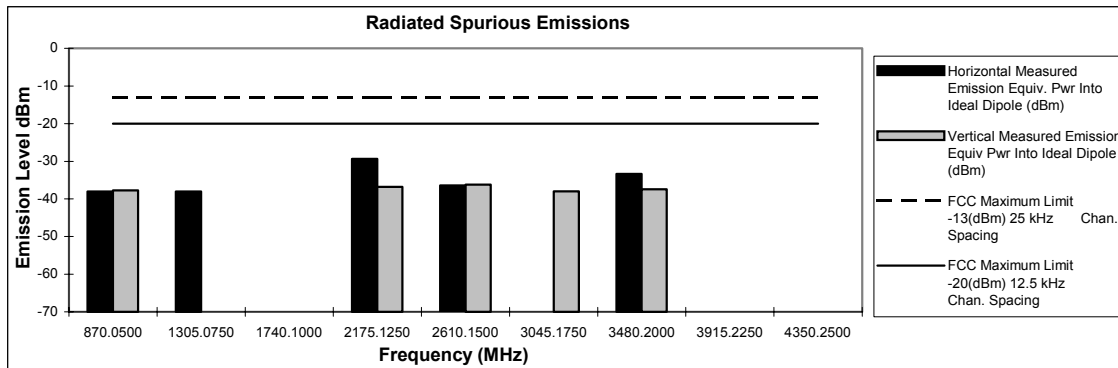


* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

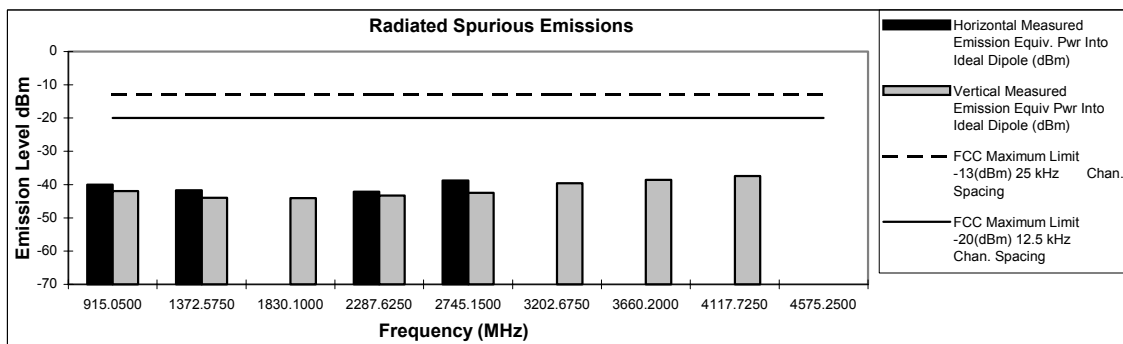
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmitter Radiated Spurious Emissions: Alpha X**435.025 MHz****2 Watts****Channel Spacing 25KHZ | S/N 246XDU0033**

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)
870.0500	-13	-20	-38.01	-37.76
1305.0750	-13	-20	-38.06	*
1740.1000	-13	-20	*	*
2175.1250	-13	-20	-29.35	-36.81
2610.1500	-13	-20	-36.38	-36.21
3045.1750	-13	-20	*	-37.94
3480.2000	-13	-20	-33.38	-37.46
3915.2250	-13	-20	*	*
4350.2500	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: Alpha X****457.525 MHz****2 Watts****Channel Spacing 25KHZ | S/N 246XDU0033**

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)
915.0500	-13	-20	-40.08	-41.98
1372.5750	-13	-20	-41.72	-43.94
1830.1000	-13	-20	*	-44.10
2287.6250	-13	-20	-42.16	-43.31
2745.1500	-13	-20	-38.79	-42.46
3202.6750	-13	-20	*	-39.64
3660.2000	-13	-20	*	-38.59
4117.7250	-13	-20	*	-37.46
4575.2500	-13	-20	*	*

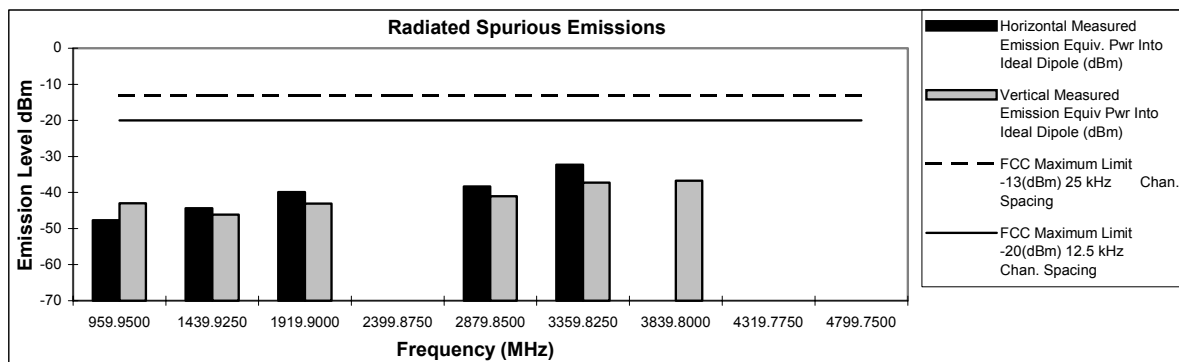


* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

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

Transmitter Radiated Spurious Emissions: Alpha X**479.975 MHz****2 Watts****Channel Spacing 25KHZ | S/N 246XDU0033**

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)
959.9500	-13	-20	-47.73	-42.97
1439.9250	-13	-20	-44.33	-46.17
1919.9000	-13	-20	-39.90	-43.10
2399.8750	-13	-20	*	*
2879.8500	-13	-20	-38.34	-41.01
3359.8250	-13	-20	-32.28	-37.30
3839.8000	-13	-20	*	-36.69
4319.7750	-13	-20	*	*
4799.7500	-13	-20	*	*

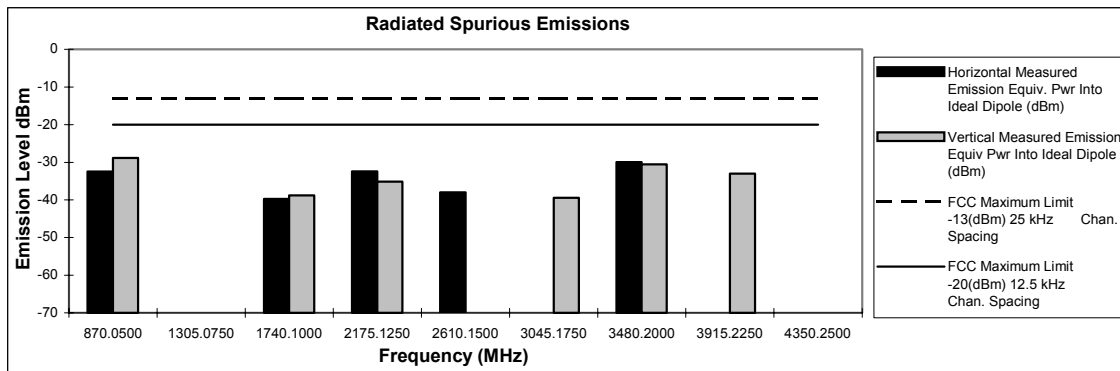


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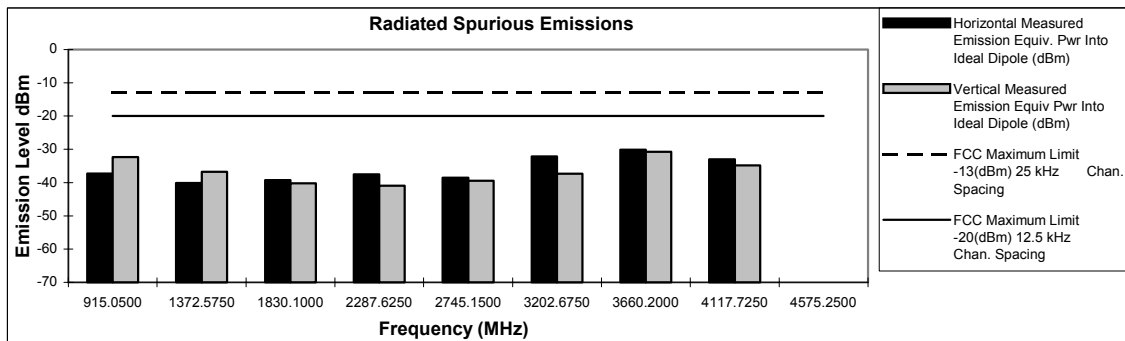
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmitter Radiated Spurious Emissions: Alpha X**435.025 MHz****4 Watts****Channel Spacing 12.5KHZ | S/N 246XDU0033**

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)
870.0500	-13	-20	-32.49	-28.88
1305.0750	-13	-20	*	*
1740.1000	-13	-20	-39.76	-38.79
2175.1250	-13	-20	-32.44	-35.17
2610.1500	-13	-20	-37.99	*
3045.1750	-13	-20	*	-39.46
3480.2000	-13	-20	-29.95	-30.54
3915.2250	-13	-20	*	-33.01
4350.2500	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: Alpha X****457.525 MHz****4 Watts****Channel Spacing 12.5KHZ | S/N 246XDU0033**

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)
915.0500	-13	-20	-37.25	-32.30
1372.5750	-13	-20	-40.13	-36.75
1830.1000	-13	-20	-39.29	-40.24
2287.6250	-13	-20	-37.53	-40.99
2745.1500	-13	-20	-38.50	-39.46
3202.6750	-13	-20	-32.11	-37.34
3660.2000	-13	-20	-30.16	-30.76
4117.7250	-13	-20	-33.02	-34.82
4575.2500	-13	-20	*	*

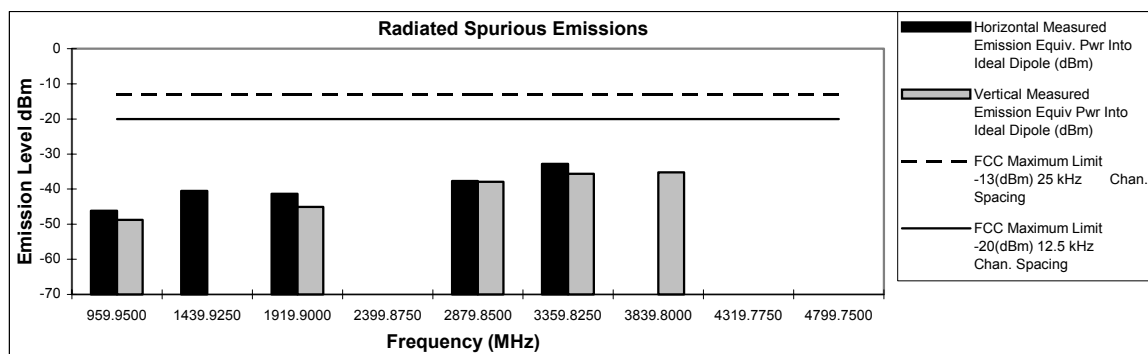


* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

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

Transmitter Radiated Spurious Emissions: Alpha X**479.975 MHz****4 Watts****Channel Spacing 12.5KHZ | S/N 246XDU0033**

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)
959.9500	-13	-20	-46.18	-48.76
1439.9250	-13	-20	-40.53	*
1919.9000	-13	-20	-41.37	-45.09
2399.8750	-13	-20	*	*
2879.8500	-13	-20	-37.67	-37.92
3359.8250	-13	-20	-32.78	-35.66
3839.8000	-13	-20	*	-35.28
4319.7750	-13	-20	*	*
4799.7500	-13	-20	*	*

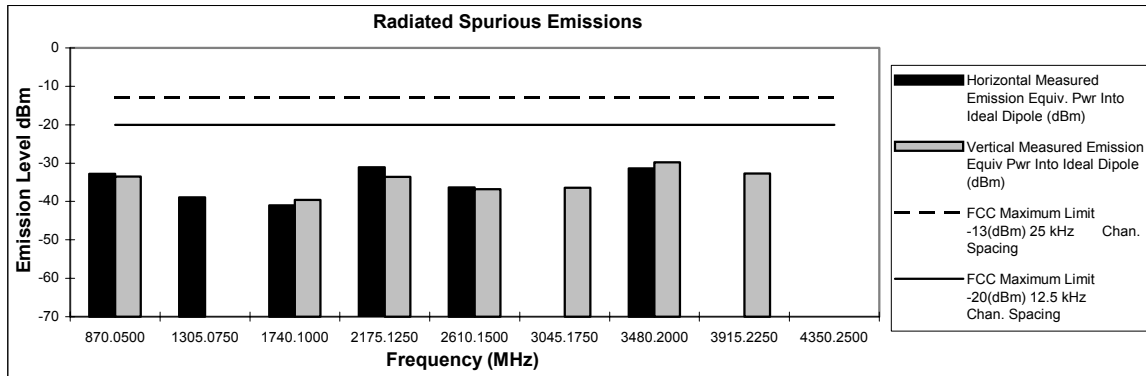


* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

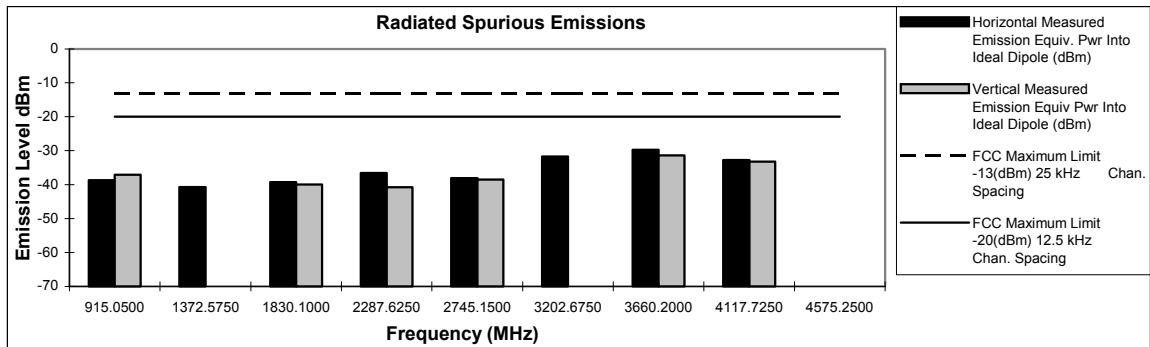
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmitter Radiated Spurious Emissions: Alpha X**435.025 MHz****4 Watts****Channel Spacing 25KHZ | S/N 246XDU0033**

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)
870.0500	-13	-20	-32.80	-33.50
1305.0750	-13	-20	-38.94	*
1740.1000	-13	-20	-41.04	-39.58
2175.1250	-13	-20	-31.11	-33.63
2610.1500	-13	-20	-36.35	-36.77
3045.1750	-13	-20	*	-36.39
3480.2000	-13	-20	-31.36	-29.84
3915.2250	-13	-20	*	-32.72
4350.2500	-13	-20	*	*

**Transmitter Radiated Spurious Emissions: Alpha X****457.525 MHz****4 Watts****Channel Spacing 25KHZ | S/N 246XDU0033**

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)
915.0500	-13	-20	-38.70	-37.10
1372.5750	-13	-20	-40.73	*
1830.1000	-13	-20	-39.27	-39.99
2287.6250	-13	-20	-36.60	-40.75
2745.1500	-13	-20	-38.13	-38.50
3202.6750	-13	-20	-31.75	*
3660.2000	-13	-20	-29.71	-31.40
4117.7250	-13	-20	-32.74	-33.26
4575.2500	-13	-20	*	*

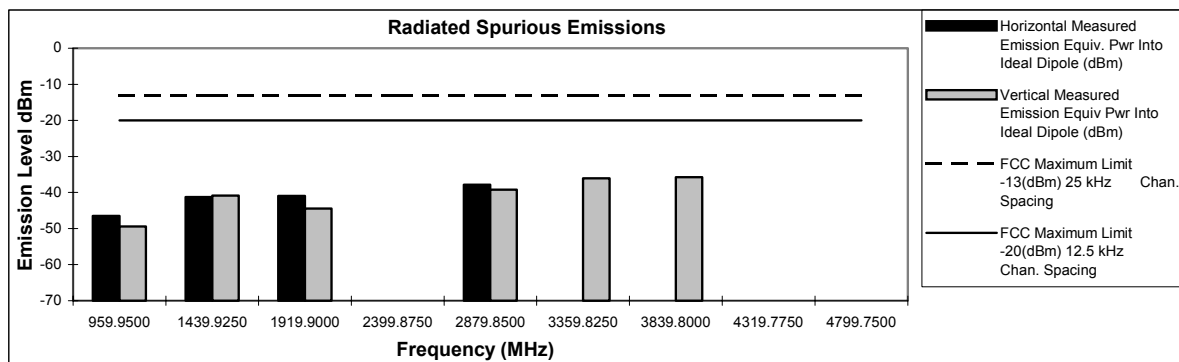


* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

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

Transmitter Radiated Spurious Emissions: Alpha X**479.975 MHz****4 Watts****Channel Spacing 25KHZ | S/N 246XDU0033**

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)
959.9500	-13	-20	-46.46	-49.38
1439.9250	-13	-20	-41.28	-40.89
1919.9000	-13	-20	-40.97	-44.42
2399.8750	-13	-20	*	*
2879.8500	-13	-20	-37.88	-39.19
3359.8250	-13	-20	*	-36.02
3839.8000	-13	-20	*	-35.73
4319.7750	-13	-20	*	*
4799.7500	-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.

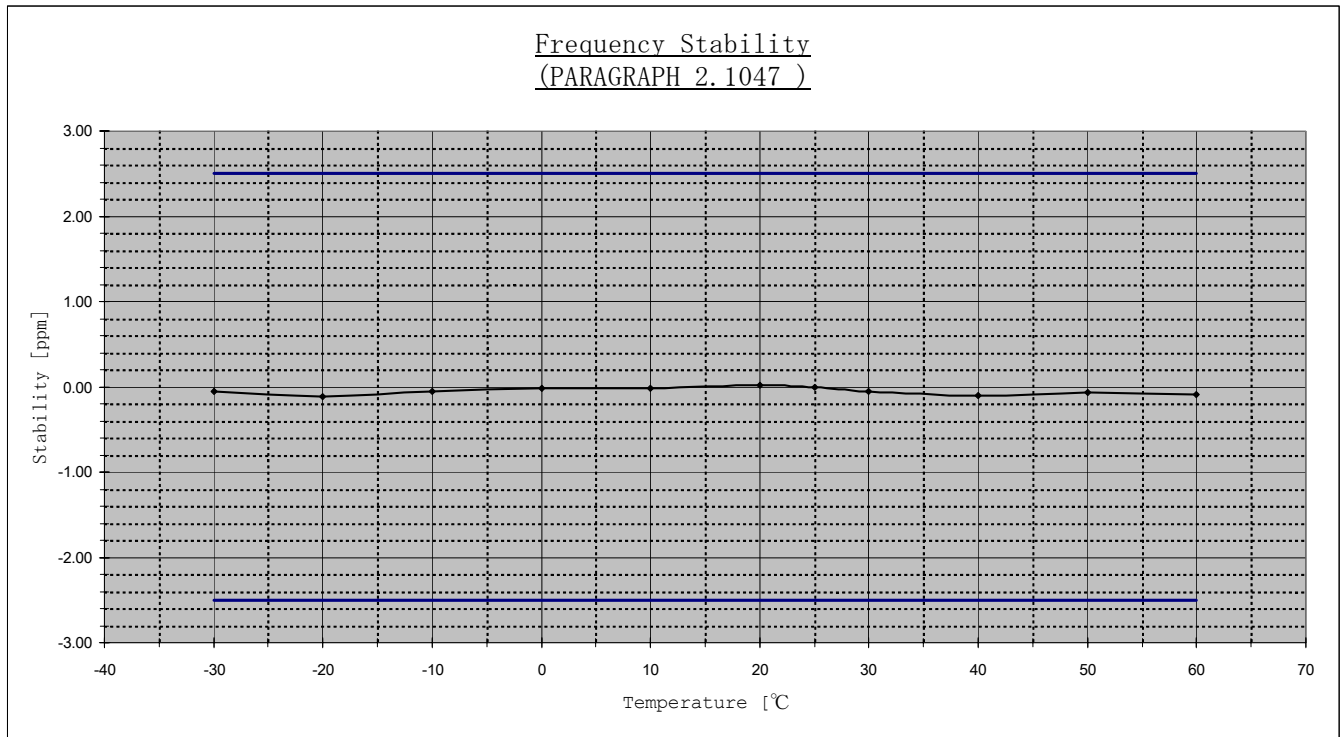
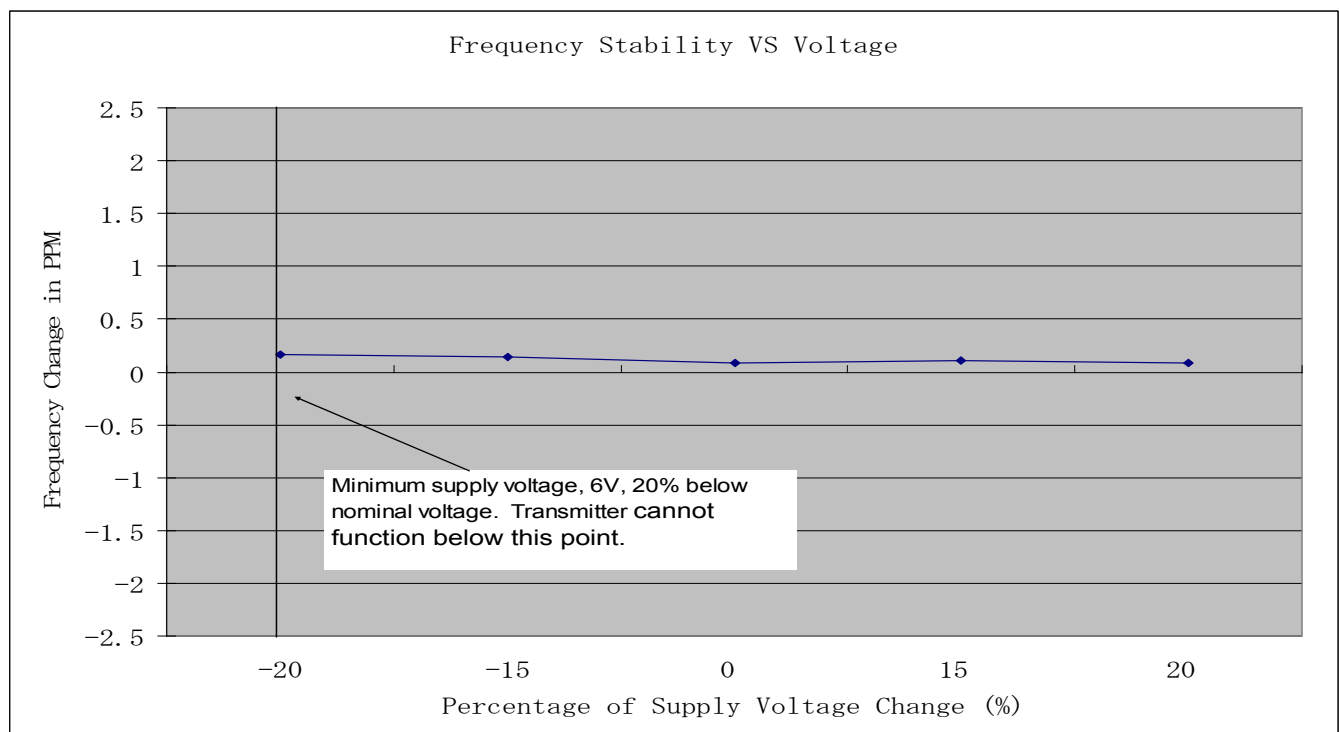
EXHIBIT 6H – Frequency Stability - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)**Figure 6H-1: Frequency Stability vs. Temperature****Figure 6H-2: Frequency Stability vs. Voltage**

EXHIBIT 6I – Transient Frequency Behavior (Note: Measurement made at 457.525 MHz)

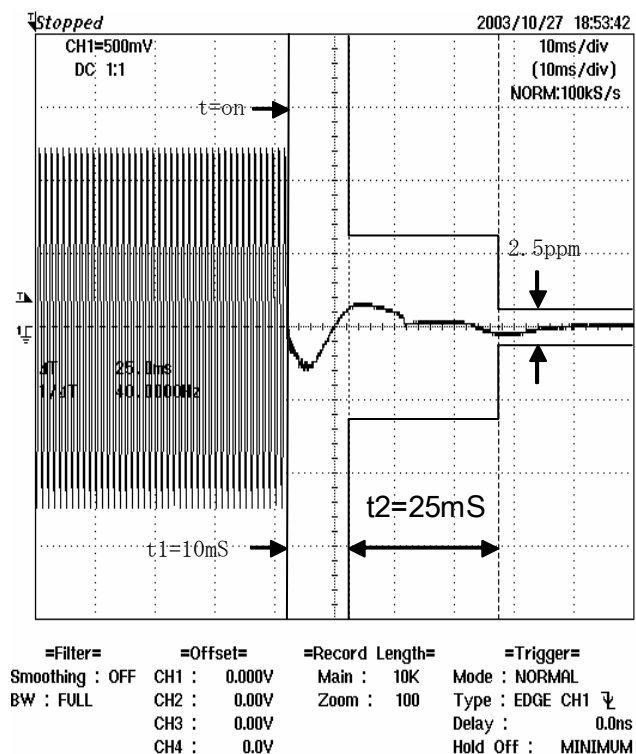


Figure 6I-1: 4 Watts, 12.5 KHz Key-Up Attack Time

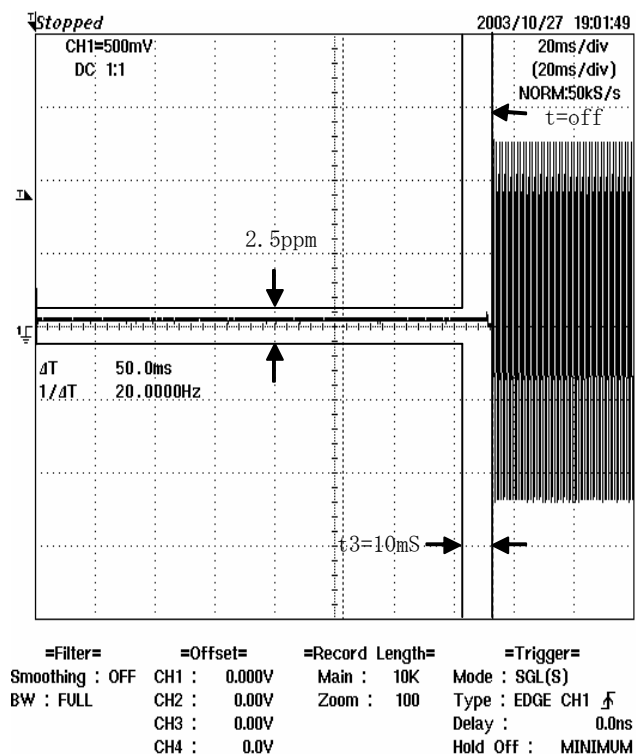


Figure 6I-2: 4 Watts, 12.5 KHz De-Key Decay Time

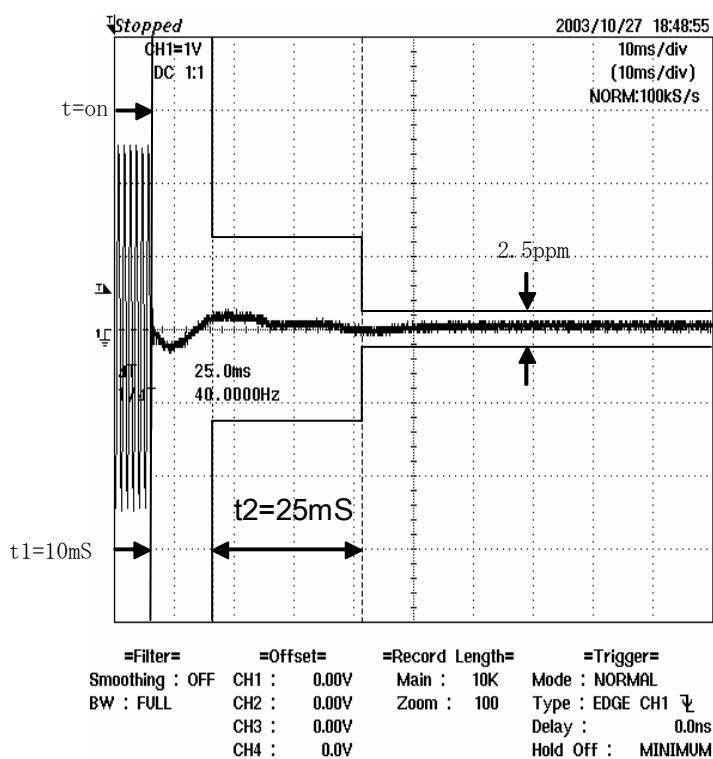


Figure 6I-3: 4 Watts, 25 KHz Key-Up Attack Time

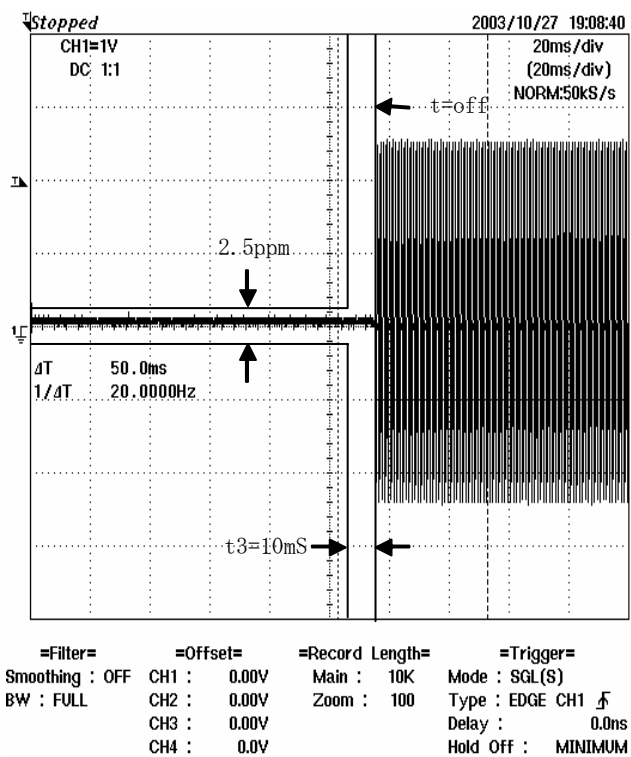


Figure 6I-4: 4 Watts, 25 KHz De-Key Decay Time

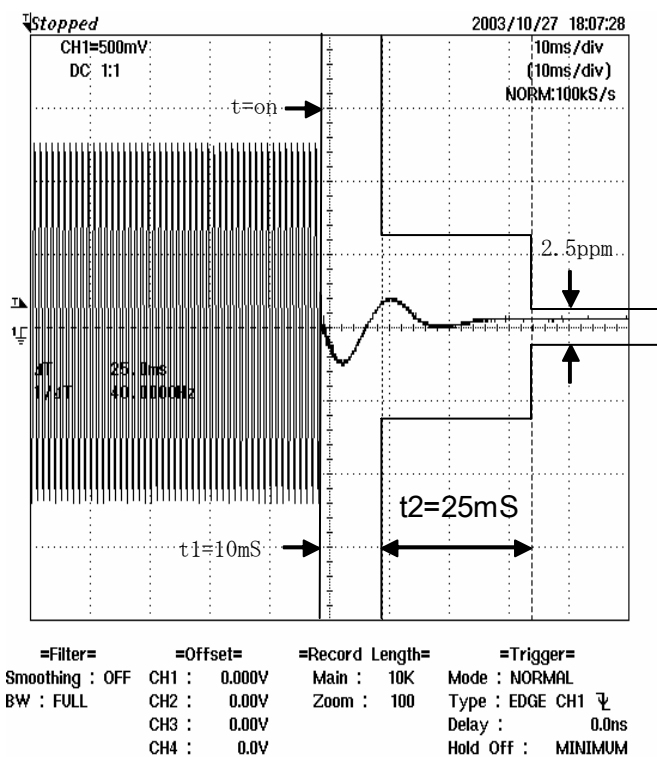


Figure 6I-5: 2 Watt, 12.5 KHz Key-Up Attack Time

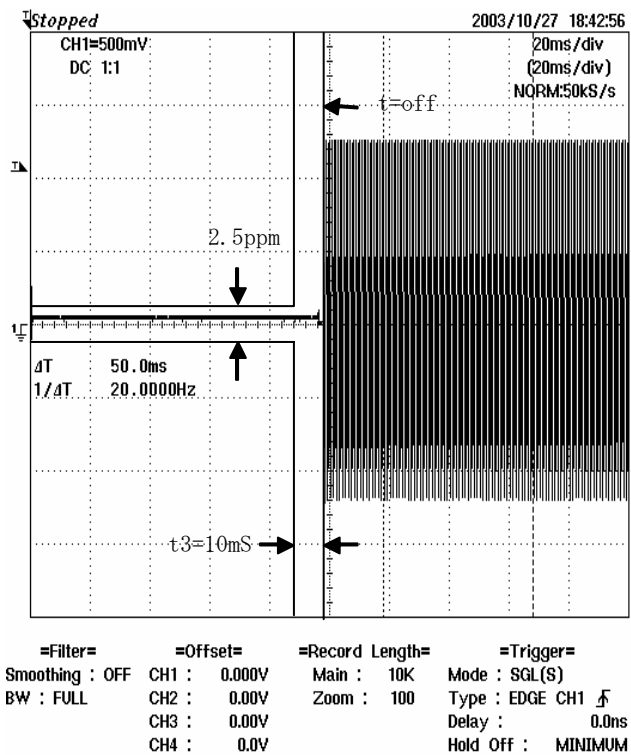


Figure 6I-6: 2 Watt, 12.5 KHz De-Key Decay Time

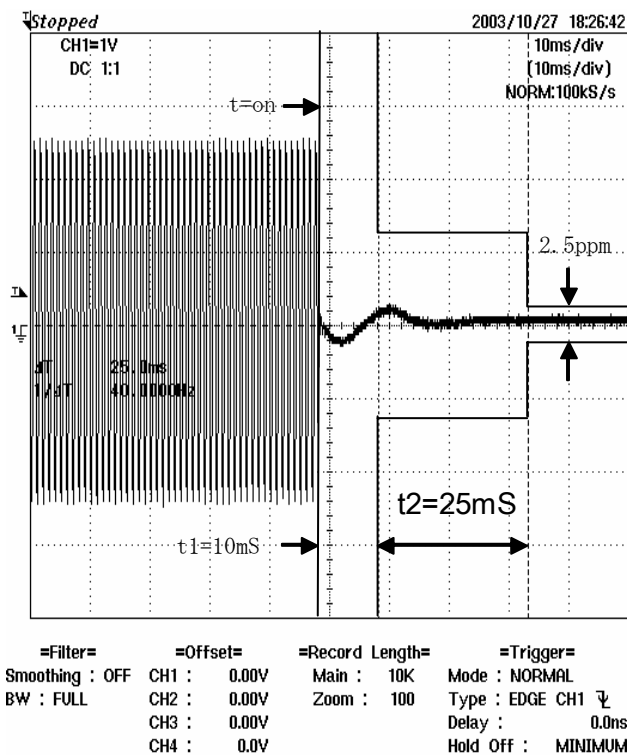


Figure 6I-7: 2 Watt, 25 KHz Key-Up Attack Time

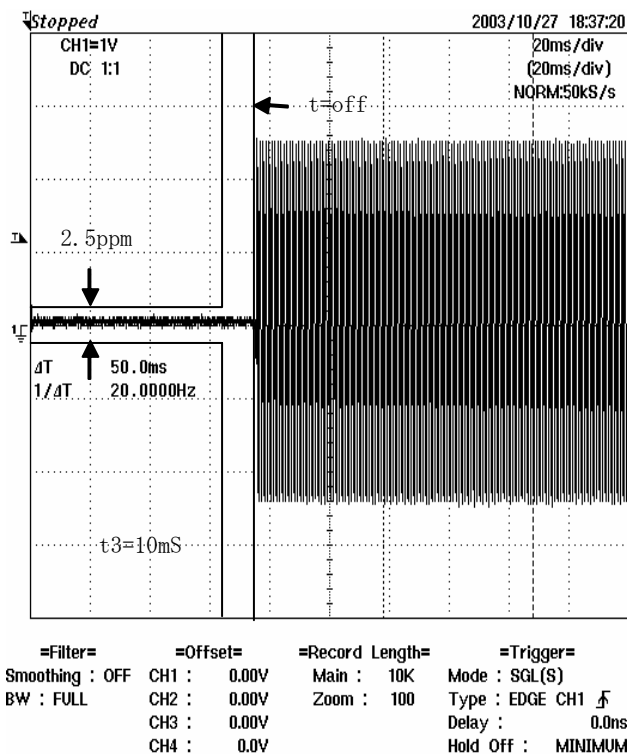


Figure 6I-8: 2 Watt, 25 KHz De-Key Decay Time