EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

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6B-2 – 25 kHz Channel Spacing

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EXHIBIT 6F – Conducted Spurious Emissions (12 Graphs)
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6F-2 – 1 Watts, Harmonic of Carrier 414.025 MHz, 12.5 kHz Channel Spacing
6F-3 – 1 Watts, Harmonic of Carrier 424.975 MHz, 12.5 kHz Channel Spacing
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6F-5 – 4 Watts, Harmonic of Carrier 414.025 MHz, 12.5 kHz Channel Spacing
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6F-8 – 1 Watts, Harmonic of Carrier 414.025 MHz, 25 kHz Channel Spacing
6F-9 – 1 Watts, Harmonic of Carrier 424.975 MHz, 25 kHz Channel Spacing
6F-10 – 4 Watts, Harmonic of Carrier 403.025 MHz, 25 kHz Channel Spacing
6F-11 – 4 Watts, Harmonic of Carrier 414.025 MHz, 25 kHz Channel Spacing
6F-12 – 4 Watts, Harmonic of Carrier 424.975 MHz, 25 kHz Channel Spacing

EXHIBIT 6G – Radiated Spurious Emissions (3 Graphs)
6G-1 – 4 Watts, 403.025 MHz, 12.5 kHz Channel Spacing
6G-2 – 4 Watts, 414.025 MHz, 12.5 kHz Channel Spacing
6G-3 – 4 Watts, 424.975 MHz, 12.5 kHz Channel Spacing

EXHIBIT 6I – Transient Frequency Behavior (4 Graphs)
6I-1 – 4 Watts, 414.025MHz, 12.5 kHz Key-Up Attack Time
6I-2 – 4 Watts, 414.025MHz, 12.5 kHz De-Key Decay Time
6I-3 – 4 Watts, 414.025MHz, 25 kHz Key-Up Attack Time
6I-4 – 4 Watts, 414.025MHz, 25 kHz De-Key Decay Time

**** Please note that the above data were taken following the procedures and limits outlined in TIA 603-C**

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 (Q403).

At maximum output power setting, Frequency 403.025 MHz:

Output RF power	3.94 Watts
DC Voltage	7.50 Volts
DC Current	1.12 A
RF PA Input Power	334 milliWatts

At minimum output power setting, Frequency 403.025 MHz:

Output RF power	0.89 Watts
DC Voltage	7.50 Volts
DC Current	0.54 A
RF PA Input Power	56 milliWatts

At maximum output power setting, Frequency 414.025 MHz:

Output RF power	3.93 Watts
DC Voltage	7.50 Volts
DC Current	1.11 A
RF PA Input Power	333 milliWatts

At minimum output power setting, Frequency 414.025 MHz:

Output RF power	0.91 Watts
DC Voltage	7.50 Volts
DC Current	0.54 A
RF PA Input Power	54 millliWatts

At maximum output power setting, Frequency 424.975 MHz:

Output RF power	3.84 Watts
DC Voltage	7.50 Volts
DC Current	1.10 A
RF PA Input Power	330 milliWatts

At minimum output power setting, Frequency 424.975 MHz:

Output RF power	0.88 Watts
DC Voltage	7.50 Volts
DC Current	0.52 A
RF PA Input Power	53 milliWatts

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

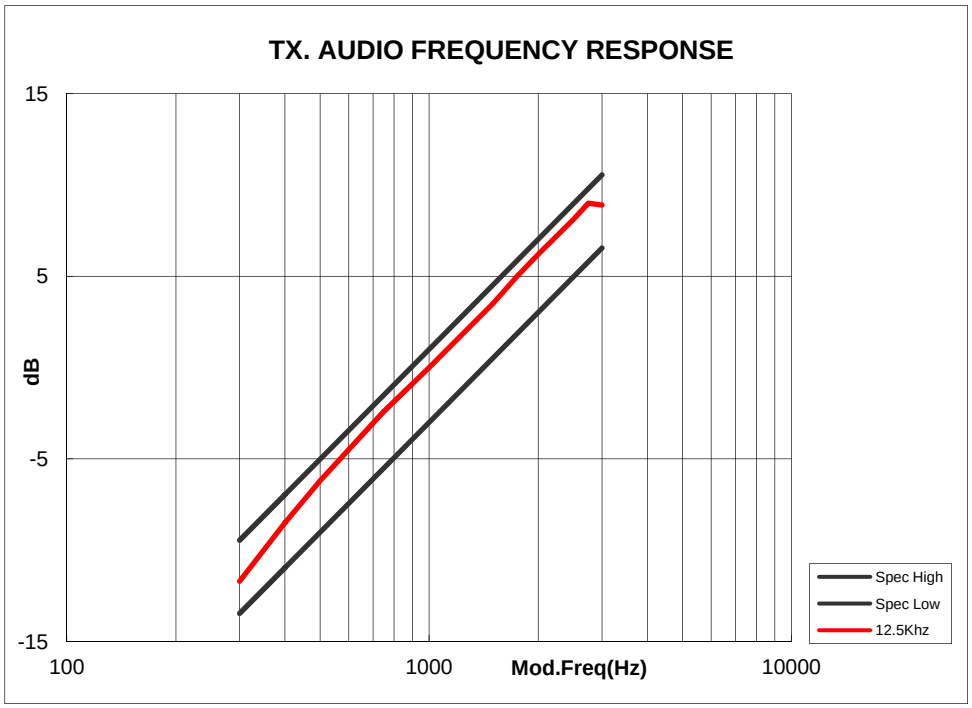

Figure 6B-1: 12.5 KHz Channel Spacing, 414.025 MHz, Transmit Audio Frequency Response

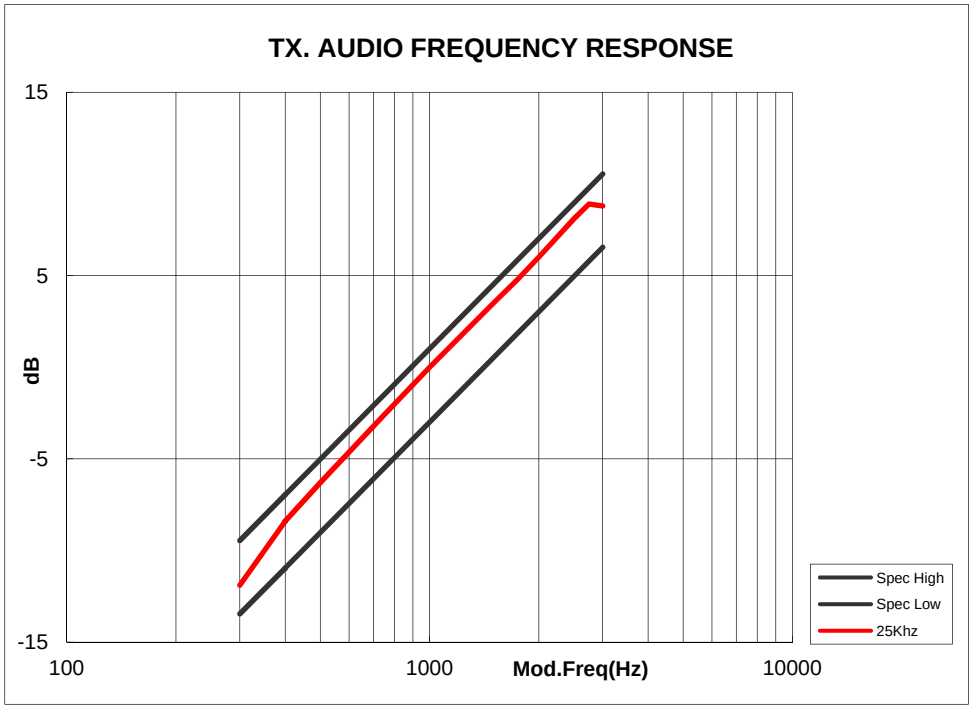

Figure 6B-2: 25 kHz Channel Spacing, 414.025 MHz, Transmit Audio Frequency Response

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

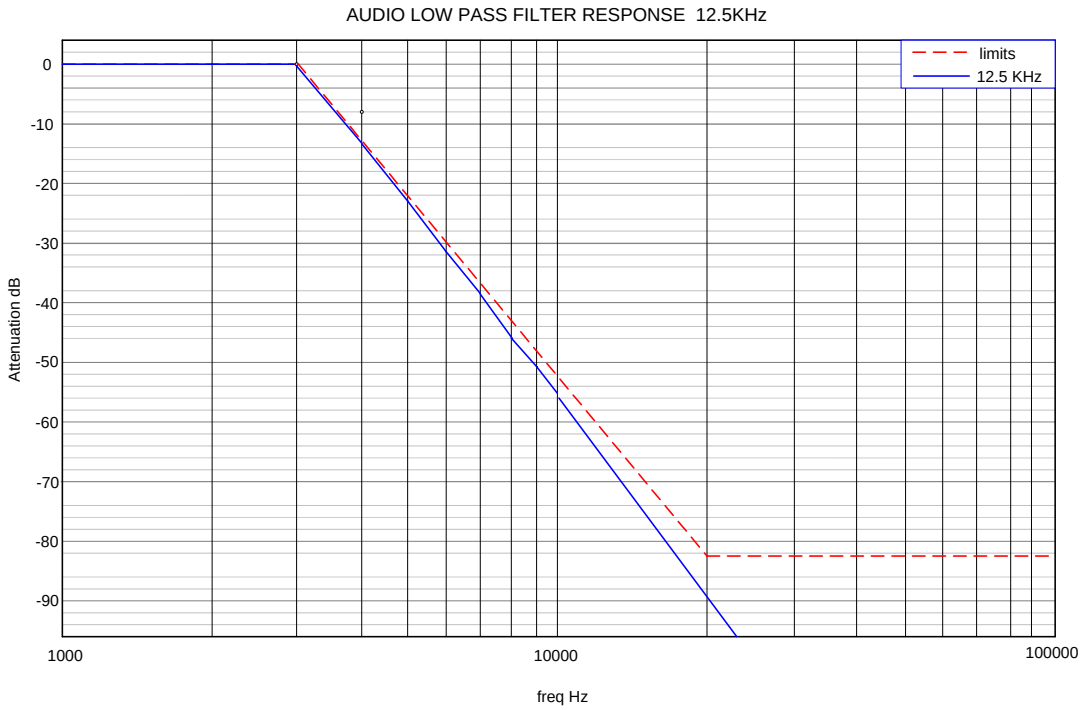

Figure 6C-1: 12.5 kHz Channel Spacing, 414.025 MHz, Transmit Audio Low pass Filter Response

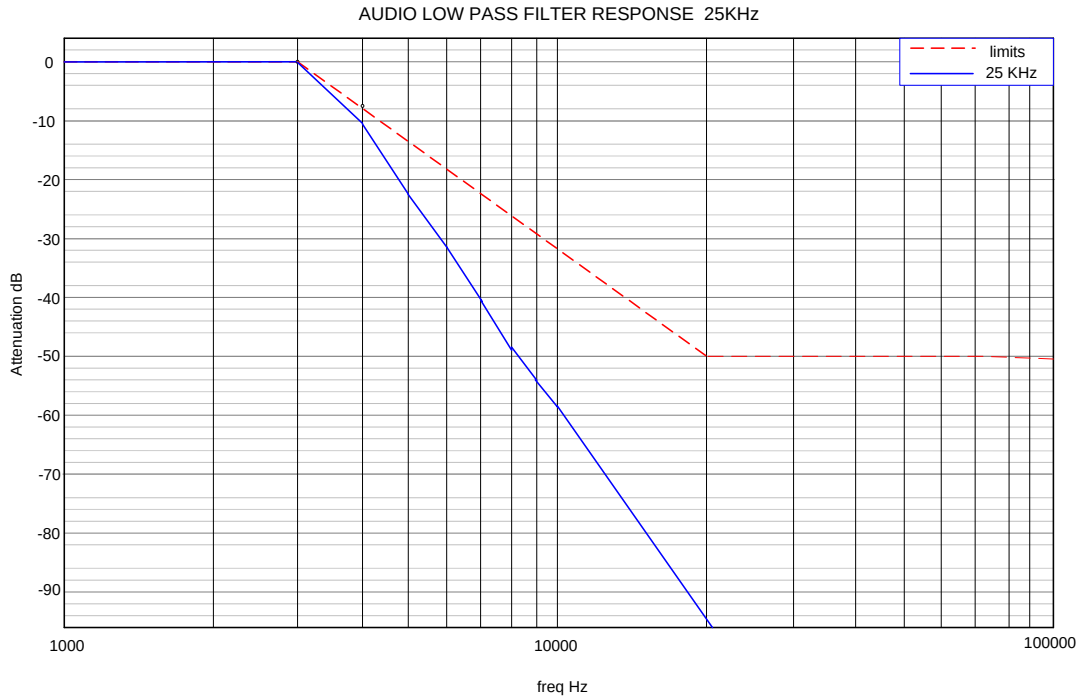

Figure 6C-2: 25 kHz Channel Spacing, 414.025 MHz, Transmit Audio Low pass Filter Response

EXHIBIT 6F

Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

Note: Red lines on graphs correspond to the FCC limit of –20 dBm for 12.5 kHz channel spacing and -13 dBm for 25 kHz channel spacing.

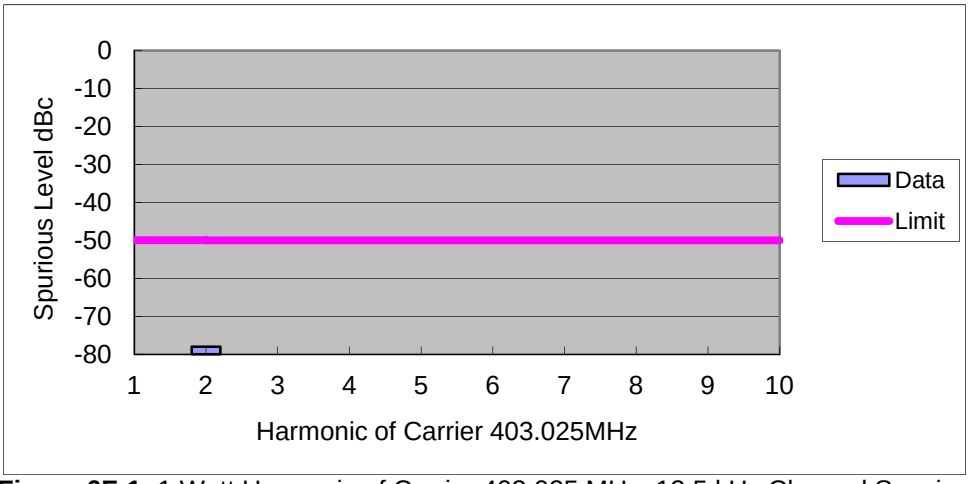

Figure 6F-1: 1 Watt Harmonic of Carrier 403.025 MHz, 12.5 kHz Channel Spacing

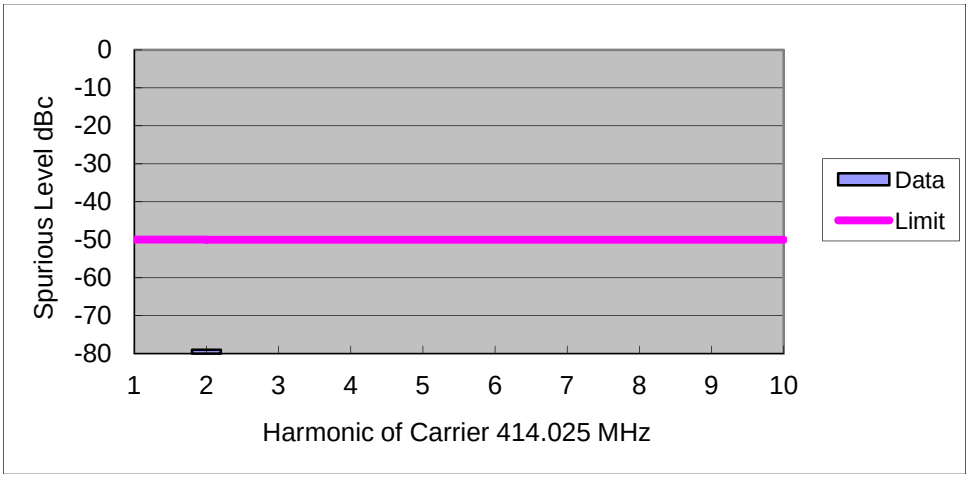

Figure 6F-2: 1 Watt Harmonic of Carrier 414.025 MHz, 12.5 kHz Channel Spacing

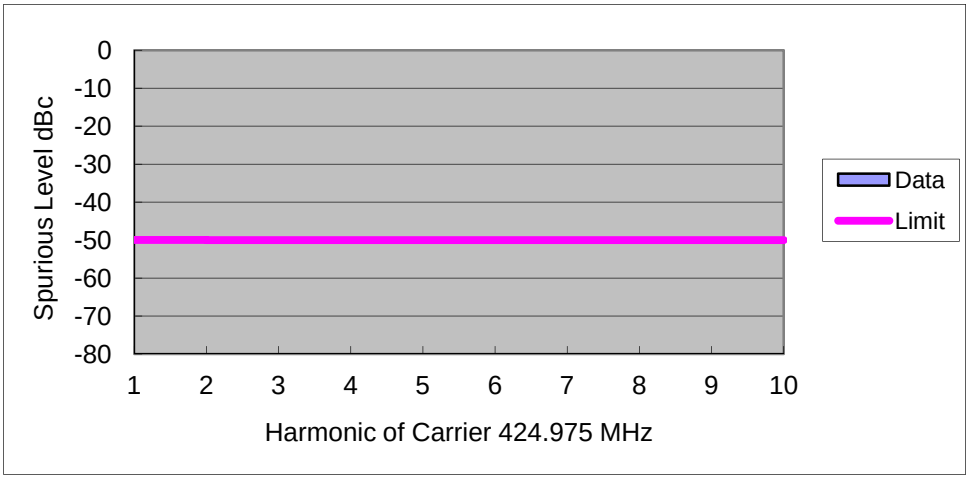

Figure 6F-3: 1 Watt Harmonic of Carrier 424.975 MHz, 12.5 kHz Channel Spacing

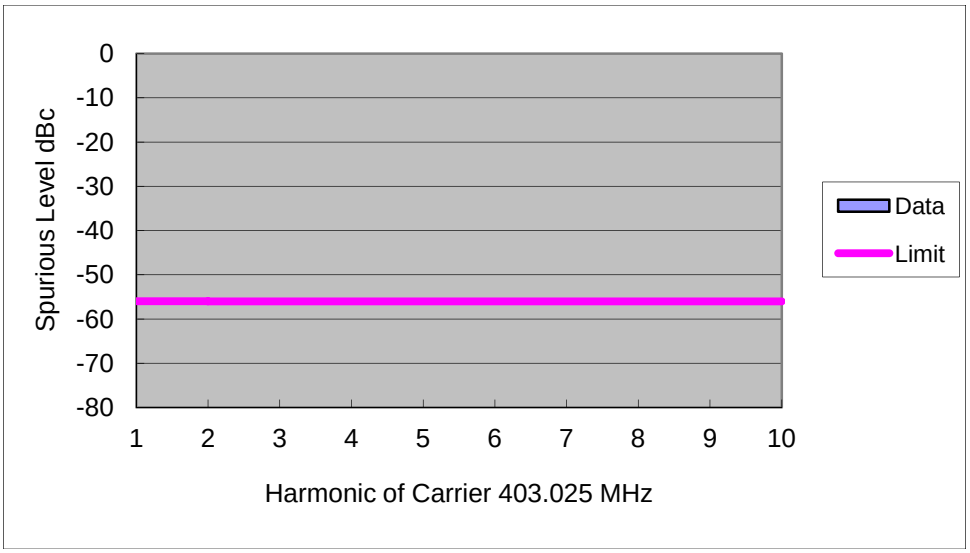

Figure 6F-4: 4 Watt Harmonic of Carrier 403.025 MHz, 12.5 kHz Channel Spacing

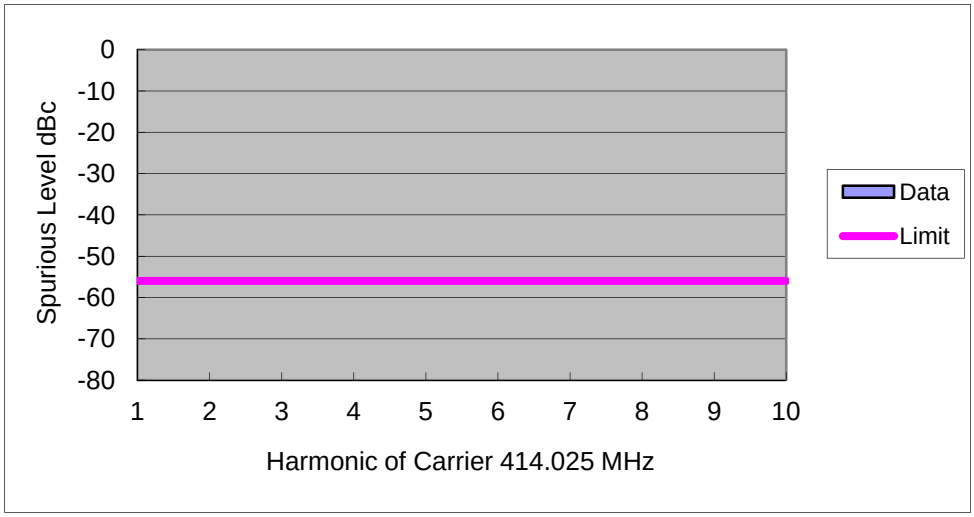

Figure 6F-5: 4 Watt Harmonic of Carrier 414.025 MHz, 12.5 kHz Channel Spacing

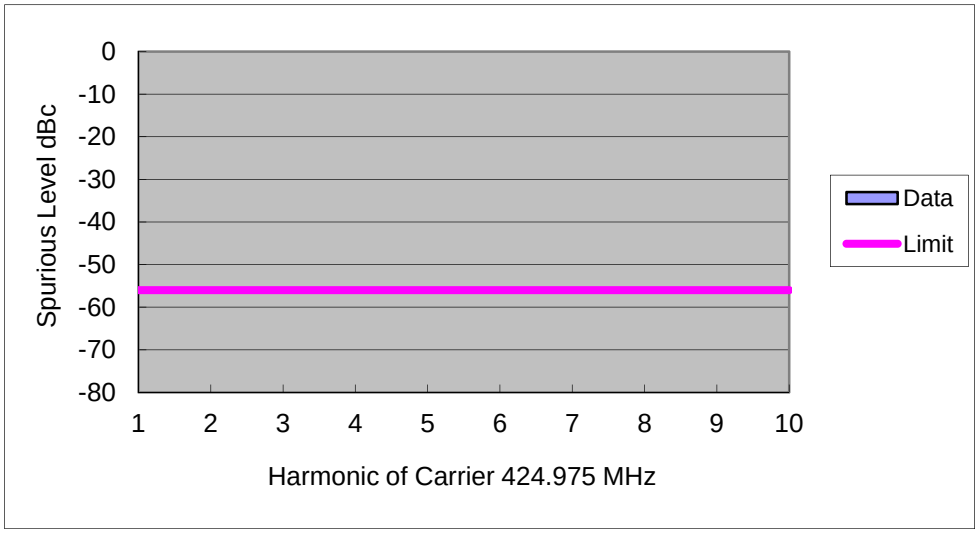

Figure 6F-6: 4 Watt Harmonic of Carrier 424.975 MHz, 12.5 kHz Channel Spacing

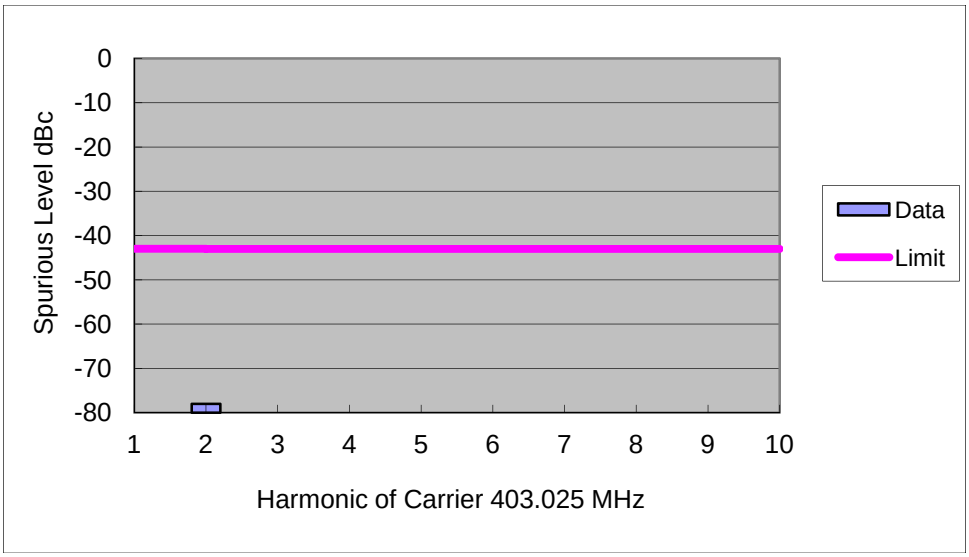

Figure 6F-7: 1 Watt Harmonic of Carrier 403.025 MHz, 25 kHz Channel Spacing

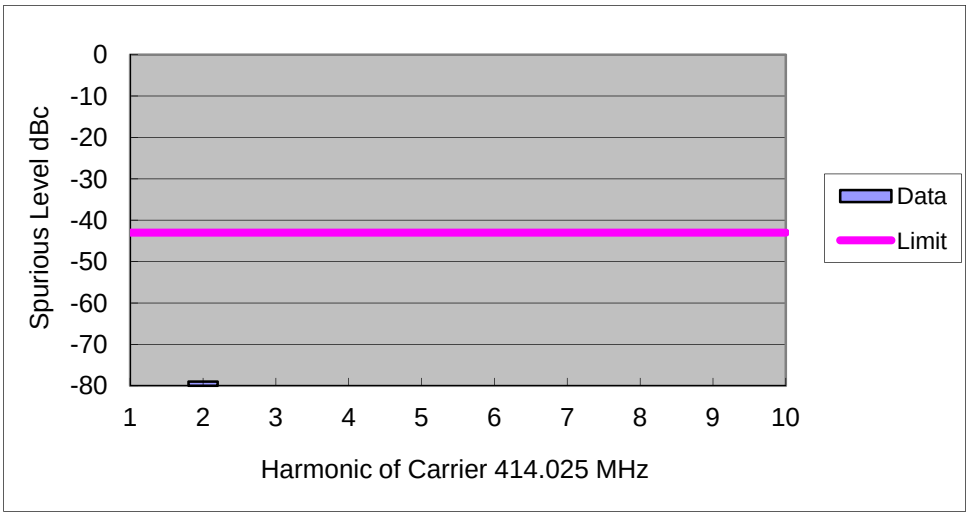

Figure 6F-8: 1 Watt Harmonic of Carrier 414.025 MHz, 25 kHz Channel Spacing

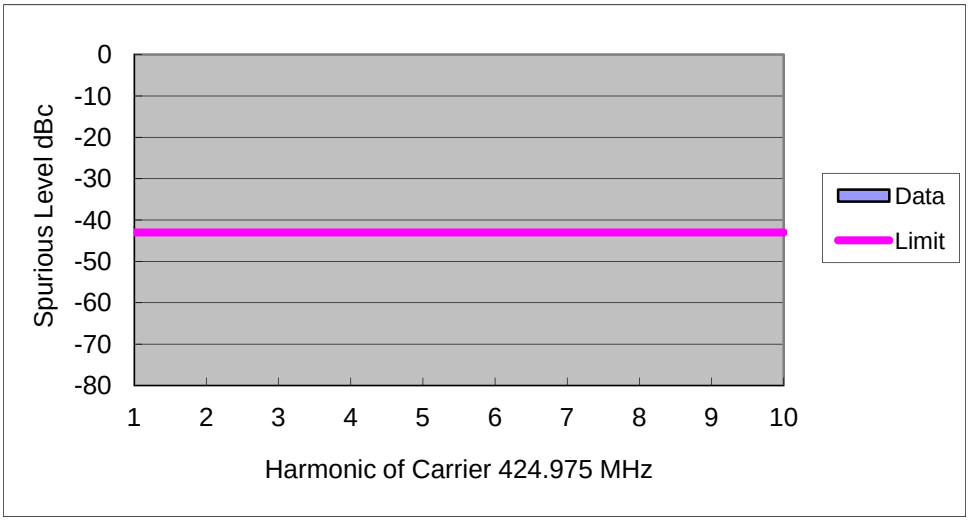

Figure 6F-9: 1 Watt Harmonic of Carrier 424.975 MHz, 25 kHz Channel Spacing

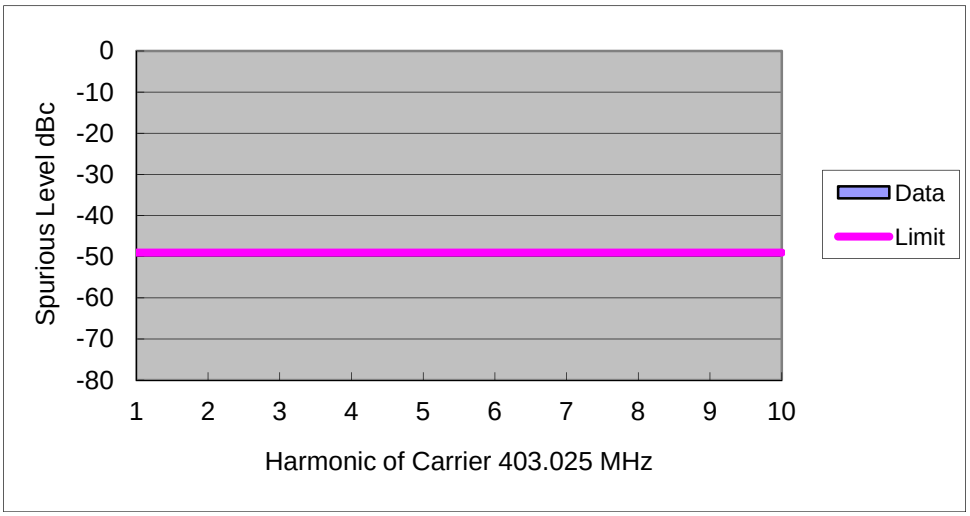

Figure 6F-10: 4 Watt Harmonic of Carrier 403.025 MHz, 25 kHz Channel Spacing

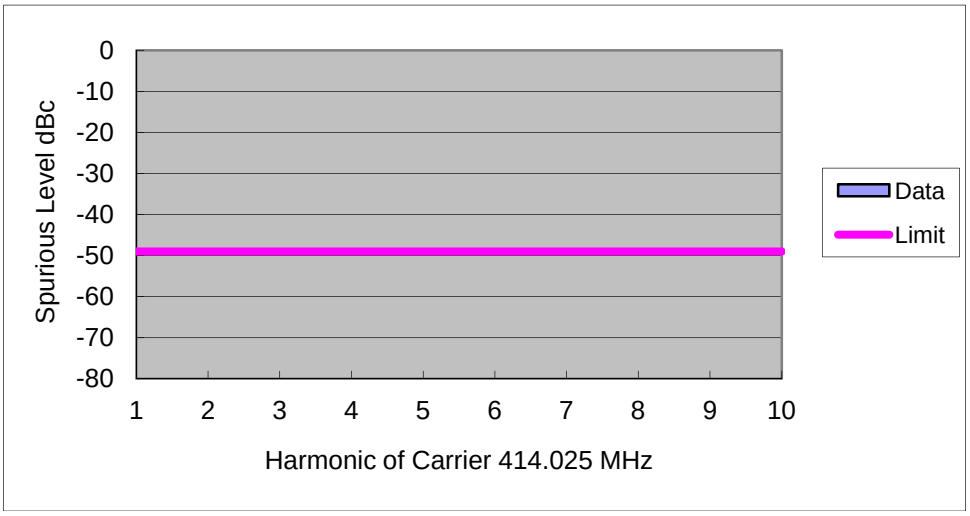

Figure 6F-11: 4 Watt Harmonic of Carrier 414.025 MHz, 25 kHz Channel Spacing

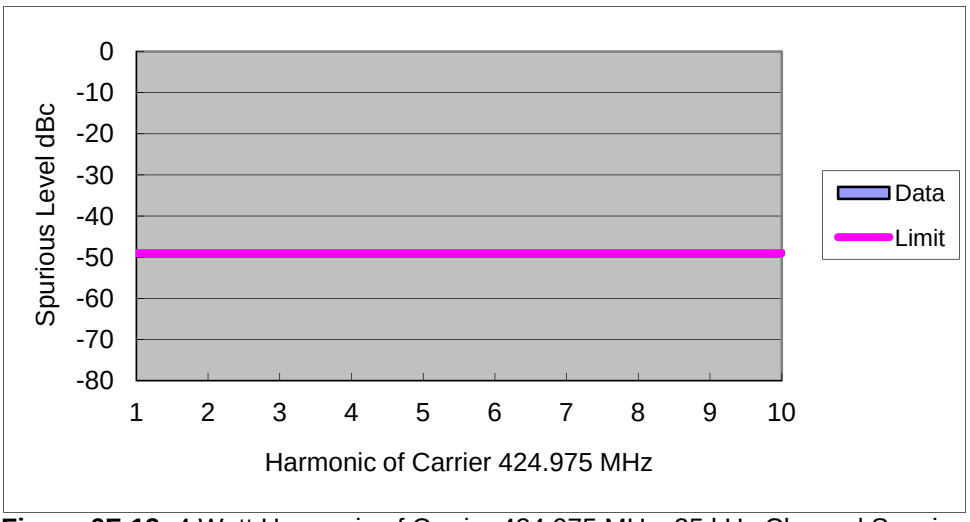

Figure 6F-12: 4 Watt Harmonic of Carrier 424.975 MHz, 25 kHz Channel Spacing

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

Table 2: Radiated Emissions Results 403.025 MHz, 12.5 KHz

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
806.05	-53.95	H	113	117	5.89	-48.07	-20.00	28.07
1209.075	-40.90	H	110	157	-6.41	-47.31	-20.00	27.31
1612.1	-31.20	H	164	62	-1.88	-33.08	-20.00	13.08
2015.125	-43.80	H	158	350	-1.22	-45.02	-20.00	25.02
2418.15	-45.65	H	194	359	0.11	-45.54	-20.00	25.54
2821.175	-45.15	H	188	355	2.31	-42.84	-20.00	22.84
3224.2	-50.75	H	182	354	6.07	-44.68	-20.00	24.68
3627.225	-56.30	H	181	348	1.98	-54.32	-20.00	34.32
4030.25	-58.85	H	155	321	-7.02	-65.87	-20.00	45.87
806.05	-42.75	V	135	18	7.94	-34.82	-20.00	14.82
1209.075	-31.40	V	100	3	-4.61	-36.01	-20.00	16.01
1612.1	-40.45	V	124	293	-4.08	-44.53	-20.00	24.53
2015.125	-49.40	V	109	5	-2.32	-51.72	-20.00	31.72
2418.15	-52.55	V	100	39	-0.99	-53.54	-20.00	33.54
2821.175	-53.65	V	212	14	-1.34	-54.99	-20.00	34.99
3224.2	-56.20	V	139	300	3.87	-52.33	-20.00	32.33
3627.225	-54.05	V	148	2	5.43	-48.62	-20.00	28.62
4030.25	-57.35	V	153	2	4.48	-52.87	-20.00	32.87

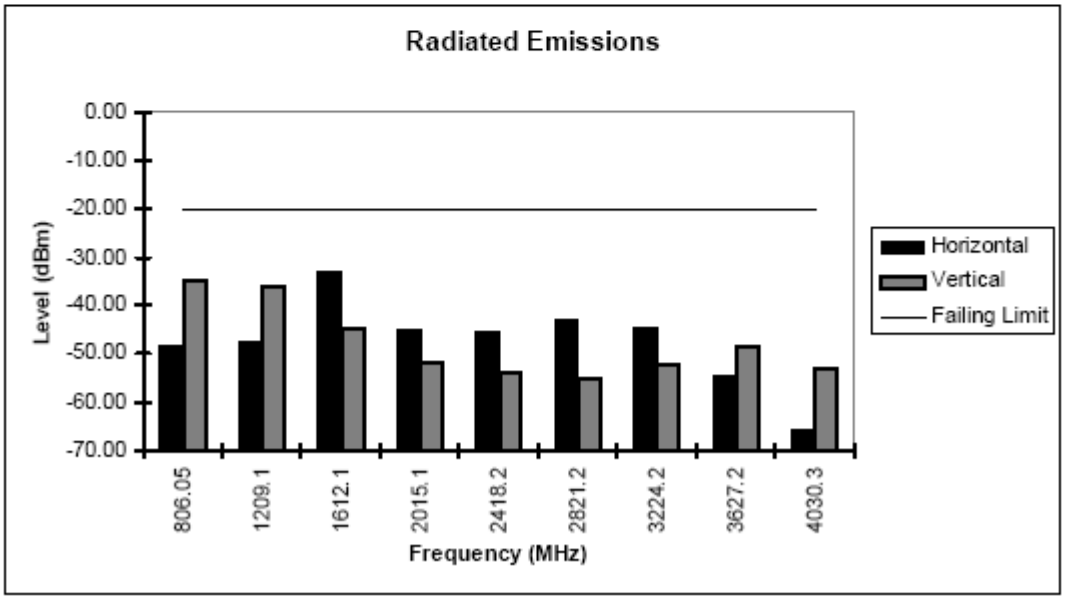

Figure 1: Radiated Emissions 403.025 MHz, 12.5 KHz

Figure 6G-1: 4 Watts, 403.025 MHz, 12.5 kHz Channel Spacing

Table 3: Radiated Emissions Results 414.025 MHz, 12.5 KHz

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
828.05	-52.75	H	192	143	6.39	-46.36	-20.00	26.36
1242.075	-45.65	H	103	159	-6.91	-52.56	-20.00	32.56
1656.1	-43.30	H	159	62	-3.43	-46.73	-20.00	26.73
2070.125	-51.50	H	194	11	-3.97	-55.47	-20.00	35.47
2484.15	-53.20	H	183	354	-3.74	-56.94	-20.00	36.94
2898.175	-51.95	H	176	2	0.86	-51.09	-20.00	31.09
3312.2	-57.65	H	181	2	-0.45	-58.10	-20.00	38.10
828.05	-41.45	V	132	15	8.19	-33.26	-20.00	13.26
1242.075	-37.75	V	100	22	-4.21	-41.96	-20.00	21.96
1656.1	-52.55	V	307	92	-9.88	-62.43	-20.00	42.43
2070.125	-54.85	V	100	39	-6.92	-61.77	-20.00	41.77
2484.15	-55.20	V	131	299	-5.84	-61.04	-20.00	41.04
2898.175	-54.20	V	108	187	-1.14	-55.34	-20.00	35.34
3312.2	-57.05	V	141	317	1.75	-55.30	-20.00	35.30
3726.225	-58.80	V	142	335	-3.59	-62.39	-20.00	42.39

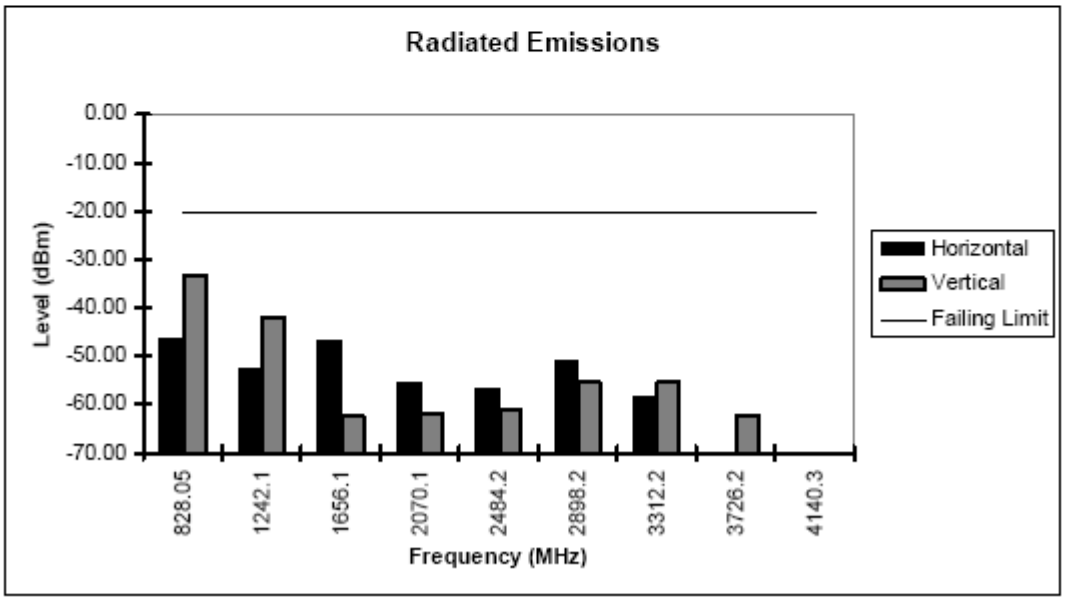

Figure 2: Radiated Emissions 414.025 MHz, 12.5 KHz

Figure 6G-2: 4 Watts, 414.025 MHz, 12.5 kHz Channel Spacing

Table 4: Radiated Emissions Results 424.975 MHz, 12.5 KHz

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
849.95	-49.20	H	105	141	5.94	-43.26	-20.00	23.26
1274.925	-39.65	H	112	358	-5.41	-45.06	-20.00	25.06
1699.9	-40.90	H	152	61	-1.83	-42.73	-20.00	22.73
2124.875	-46.05	H	149	359	-2.00	-48.05	-20.00	28.05
2549.85	-49.65	H	181	352	-0.14	-49.79	-20.00	29.79
2974.825	-50.55	H	201	351	0.89	-49.66	-20.00	29.66
3399.8	-56.15	H	189	327	2.35	-53.80	-20.00	33.80
3824.775	-56.85	H	147	329	2.92	-53.93	-20.00	33.93
4249.75	-58.95	H	142	316	0.61	-58.34	-20.00	38.34
849.95	-38.30	V	125	8	7.14	-31.16	-20.00	11.16
1274.925	-32.30	V	100	23	-3.71	-36.01	-20.00	16.01
1699.9	-50.15	V	100	28	-6.33	-56.48	-20.00	36.48
2124.875	-50.30	V	103	352	-2.15	-52.45	-20.00	32.45
2549.85	-54.20	V	101	272	-1.79	-55.99	-20.00	35.99
2974.825	-54.20	V	105	197	-0.36	-54.56	-20.00	34.56
3399.8	-54.00	V	138	16	5.05	-48.95	-20.00	28.95
3824.775	-57.35	V	117	319	3.17	-54.18	-20.00	34.18

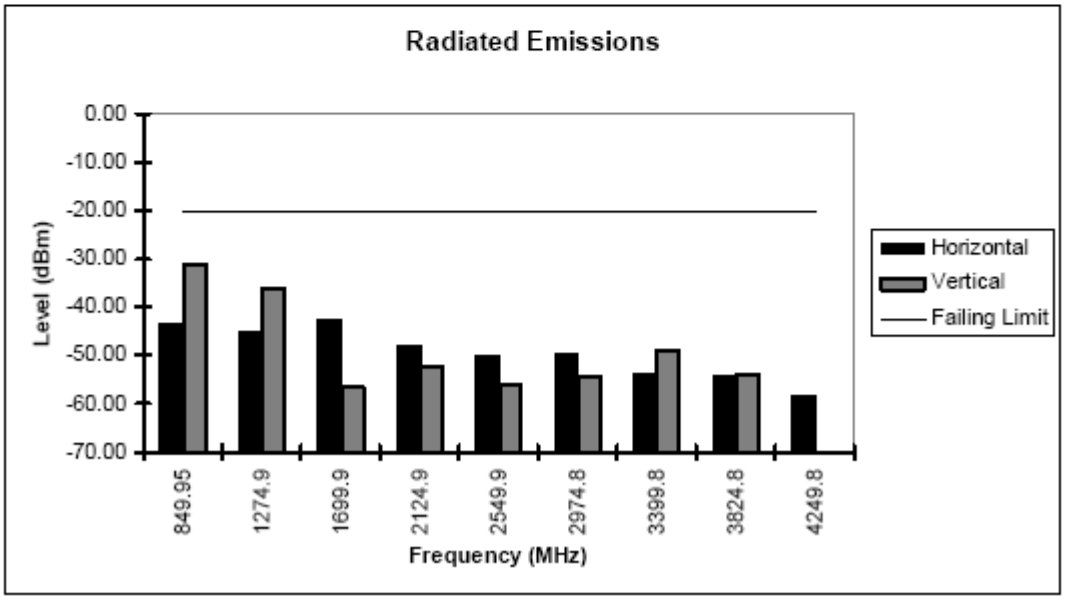

Figure 3: Radiated Emissions 424.975 MHz, 12.5 KHz

Figure 6G-3: 4 Watts, 424.975 MHz, 12.5 kHz Channel Spacing

EXHIBIT I – Transient Frequency Behavior (Time/Div = 10 ms/d)

Note: Measurement made at 414.025 MHz

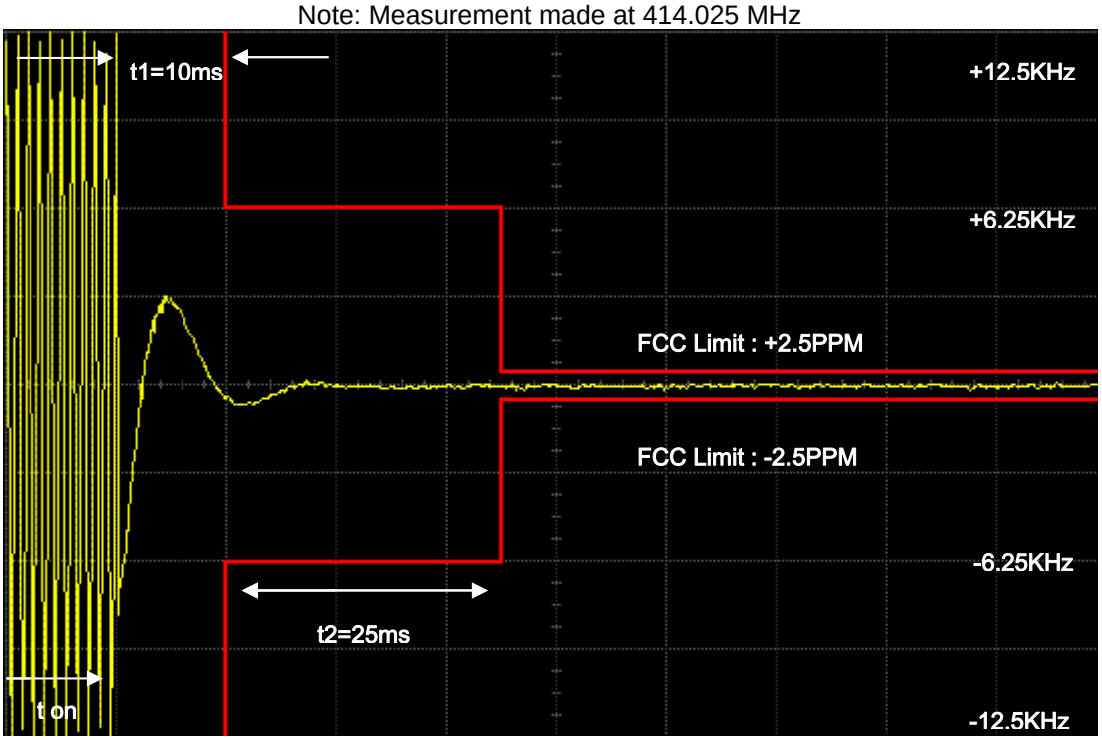

Figure I-1: 4 Watts, 12.5 KHz Key-Up Attack Time

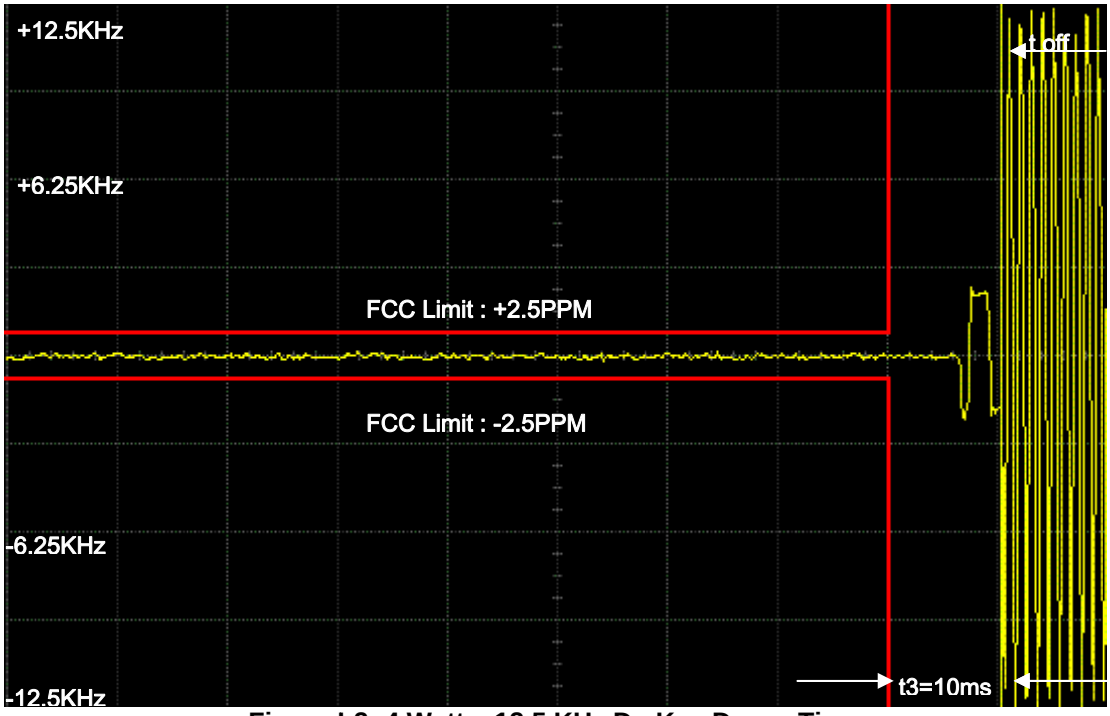

Figure I-2: 4 Watts, 12.5 KHz De-Key Decay Time

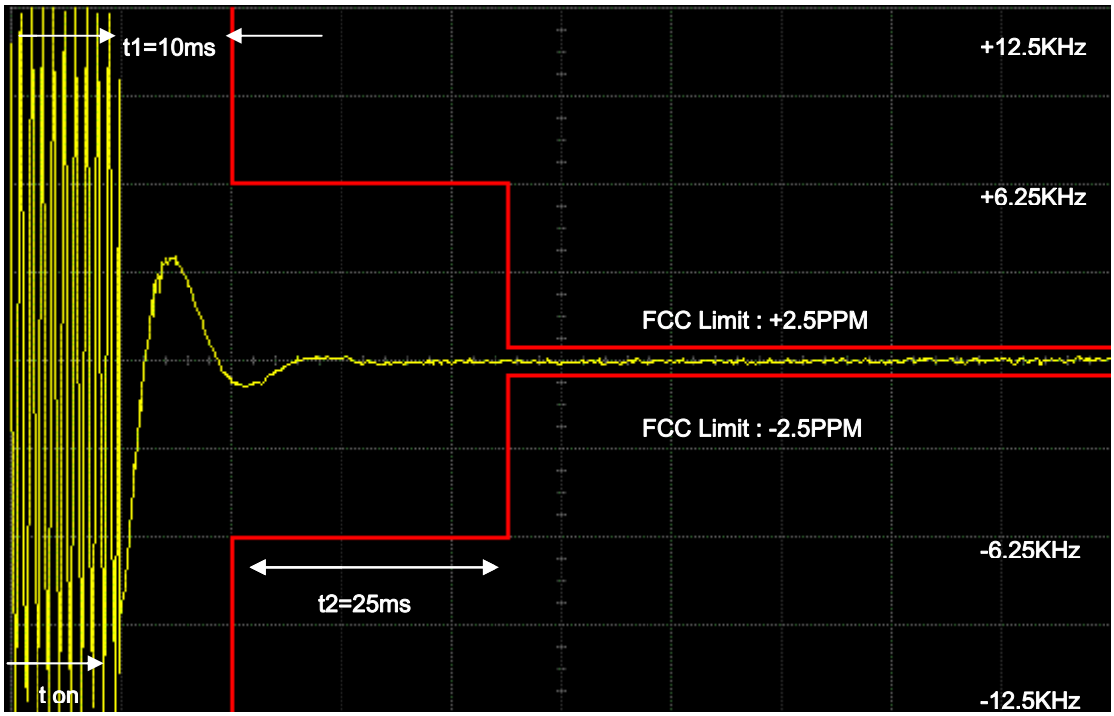

Figure I-3: 4 Watts, 25 KHz Key-Up Attack Time

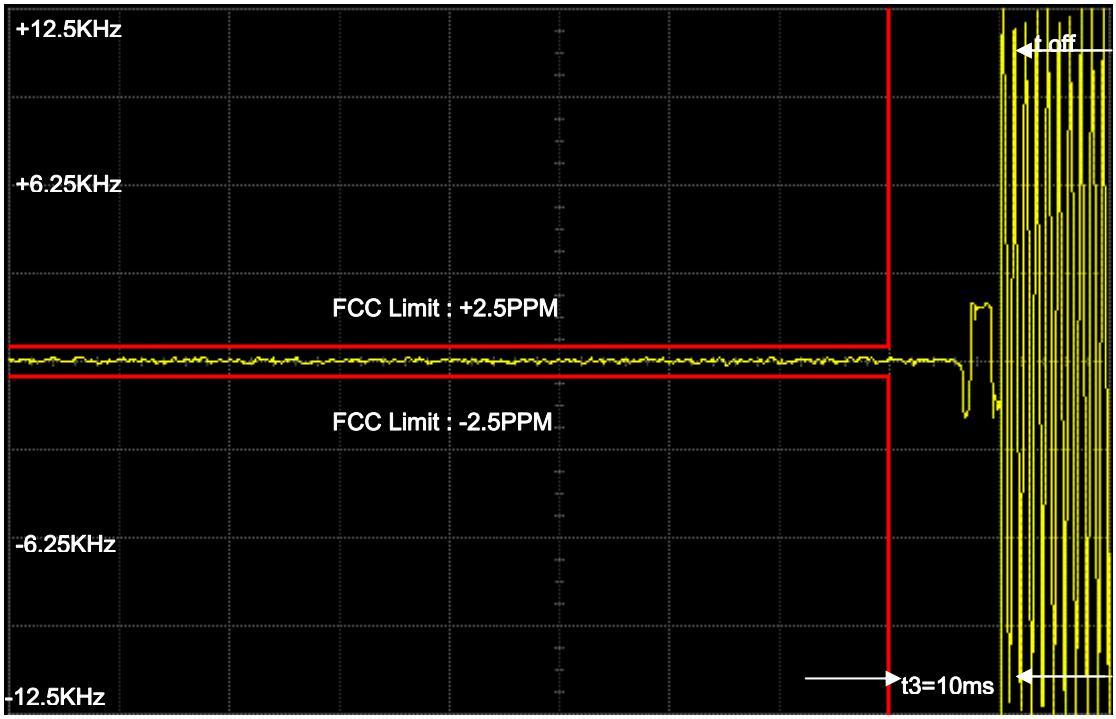

Figure I-4: 4 Watts, 25 KHz De-Key Decay Time