

## EXHIBIT 6

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

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- 6B-3: 2.4 Watt Harmonic of Carrier 429.9875 MHz, 12.5 kHz Channel Spacing
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EXHIBIT 6A

RF Conducted Output Power Data:

**Frequency 403.125 MHz:**

Output RF power	2.40 Watts
DC Voltage	3.70 Volts
DC Current	1.81 Amps

**Frequency 406.1125 MHz:**

Output RF power	2.40 Watts
DC Voltage	3.70 Volts
DC Current	1.80 Amps

**Frequency 429.9875 MHz:**

Output RF power	2.40 Watts
DC Voltage	3.70 Volts
DC Current	1.94 Amps

**Frequency 436.125 MHz:**

Output RF power	2.40 Watts
DC Voltage	3.70 Volts
DC Current	1.95 Amps

**Frequency 469.9875 MHz:**

Output RF power	2.40 Watts
DC Voltage	3.70 Volts
DC Current	1.86 Amps

EXHIBIT 6B

**Transmitter Conducted Spurious Emissions** - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)  
Note: Display lines on graphs correspond to the FCC limit of -53dBc (12.5 kHz).

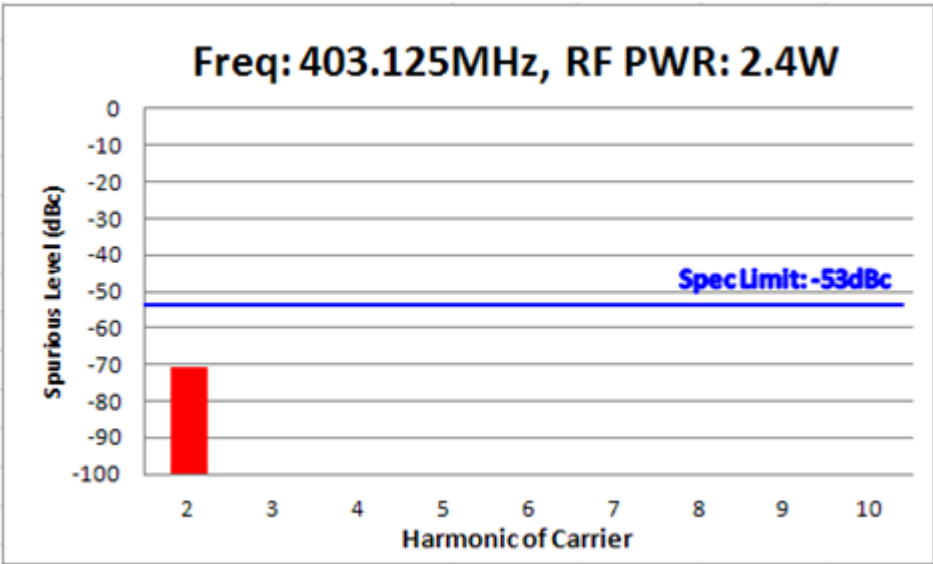


Table 6B-1: 2.4 Watt Harmonic of Carrier 403.125 MHz, 12.5 KHz Channel Spacing (Not for FCC Review)

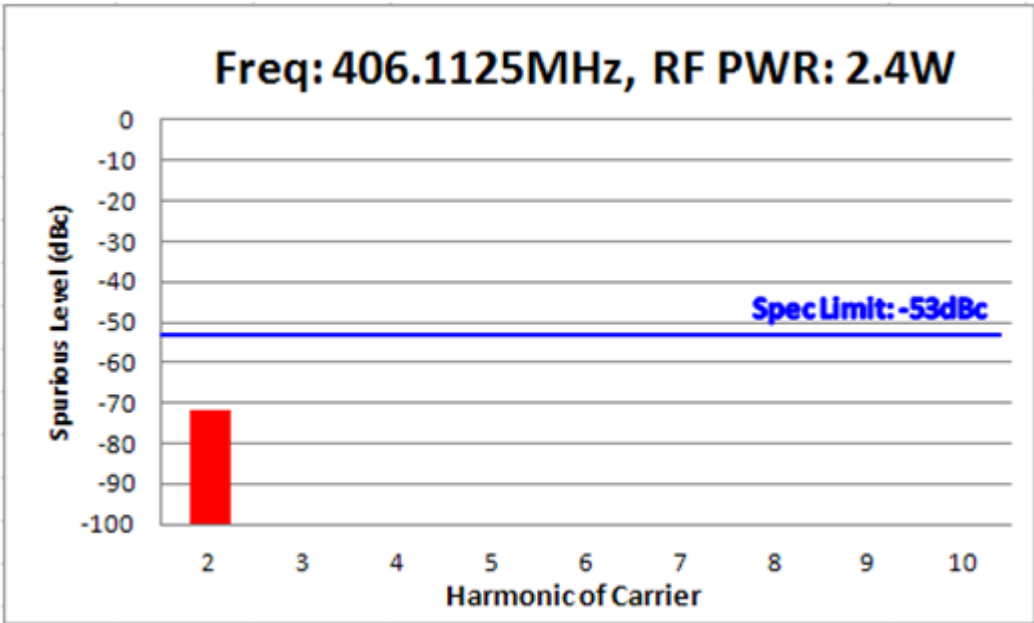


Table 6B-2: 2.4 Watt Harmonic of Carrier 406.1125 MHz, 12.5 KHz Channel Spacing

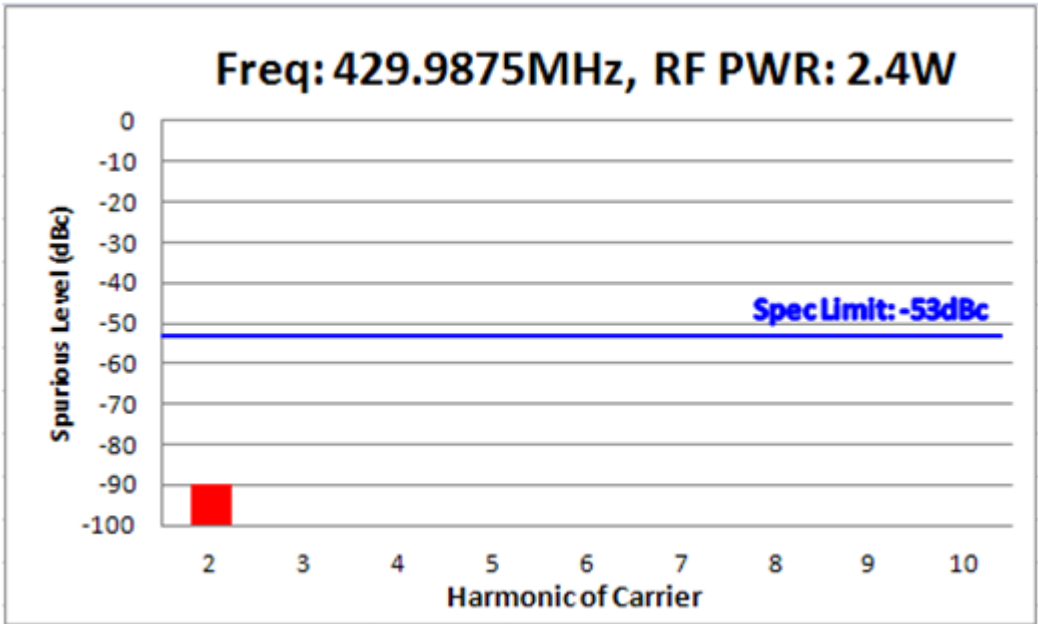


Table 6B-3: 2.4 Watt Harmonic of Carrier 429.9875MHz, 12.5 KHz Channel Spacing

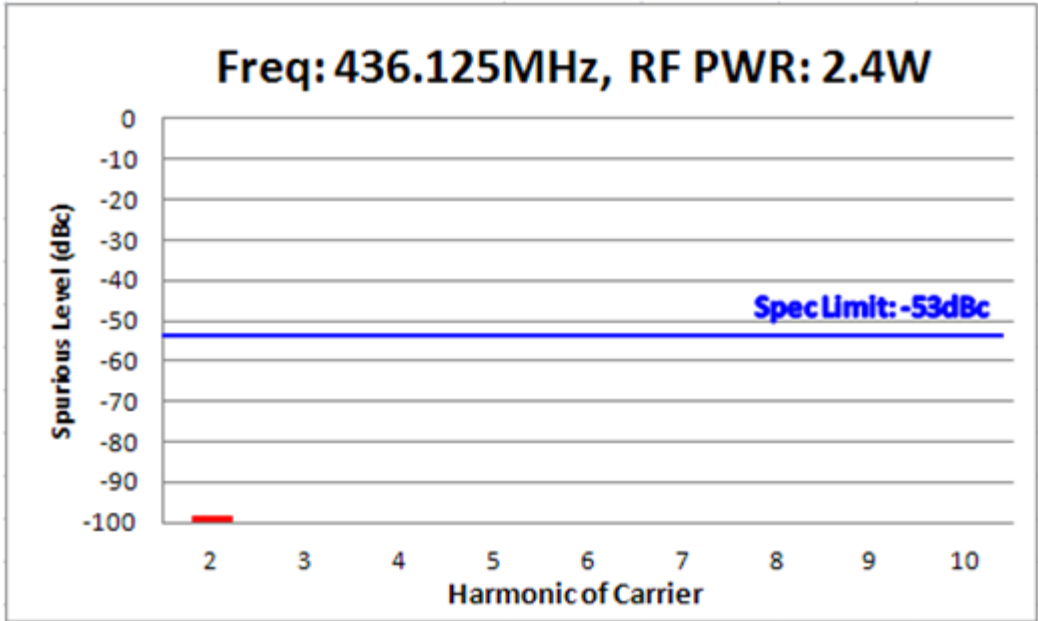


Table 6B-2: 2.4 Watt Harmonic of Carrier 436.125 MHz, 12.5 kHz Channel Spacing

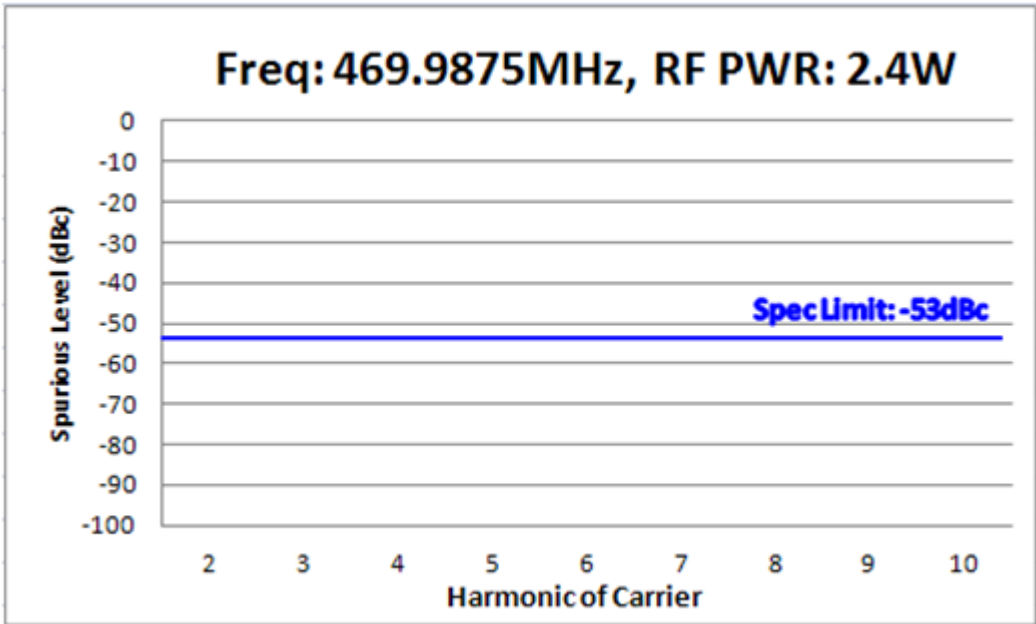
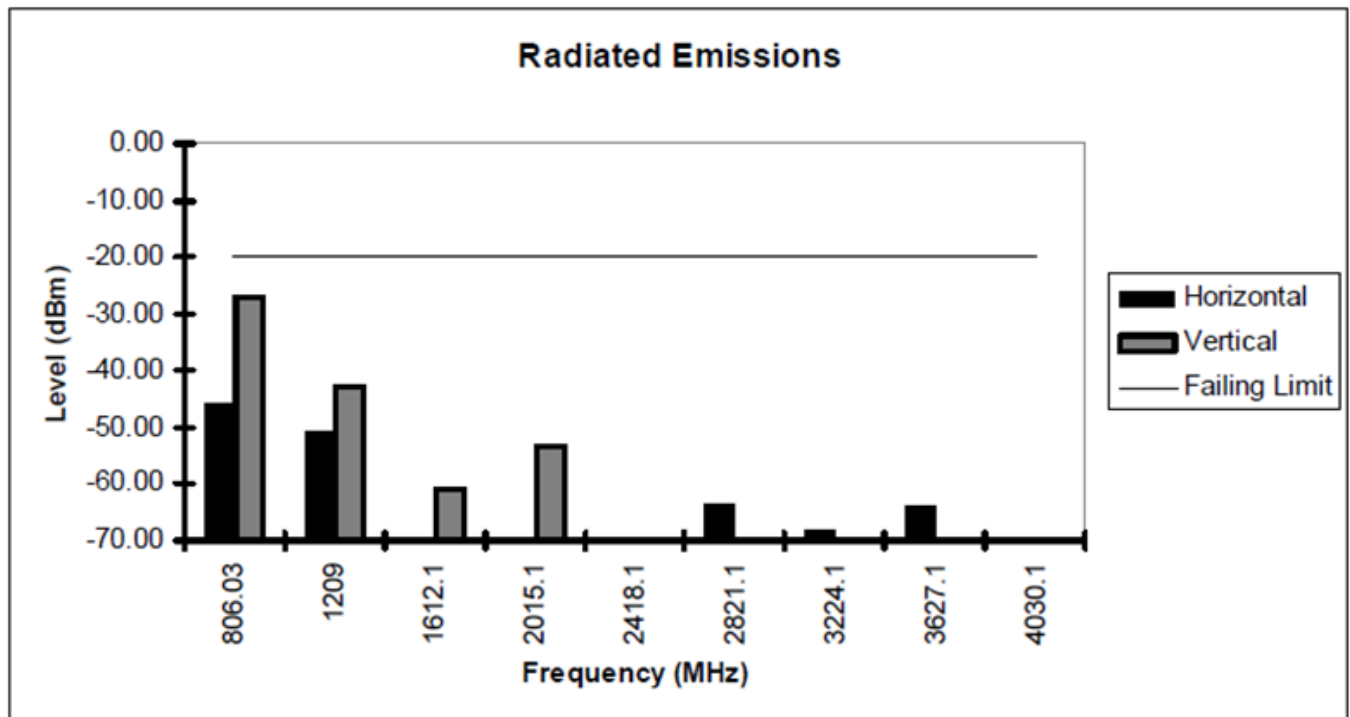


Table 6B-3: 2.4 Watt Harmonic of Carrier 469.9875MHz, 12.5 kHz Channel Spacing

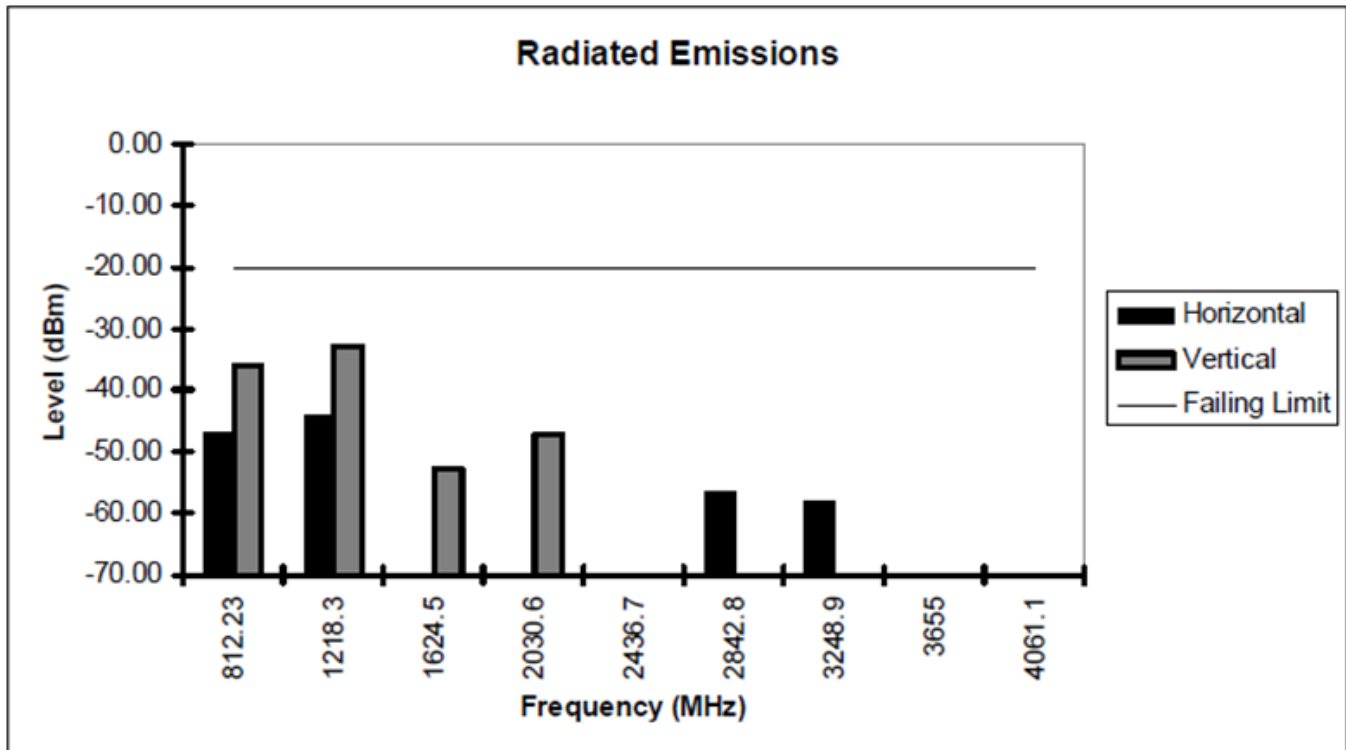
Note: Spurs which are not shown is 47dB below the specification limits.

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

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)
806.025	-52.20	H	100	248	6.19	-46.02	-20.00	26.02
1209.0375	-53.30	H	148	296	2.34	-50.96	-20.00	30.96
1612.05	-57.10	H	100	155	-13.33	-70.43	-20.00	50.43
2015.0625	-57.60	H	100	44	-12.32	-69.92	-20.00	49.92
2821.0875	-57.75	H	165	177	-5.74	-63.49	-20.00	43.49
3224.1	-58.40	H	186	230	-9.88	-68.28	-20.00	48.28
3627.1125	-60.10	H	240	143	-3.92	-64.02	-20.00	44.02
806.025	-35.75	V	138	19	8.74	-27.02	-20.00	7.02
1209.0375	-47.05	V	100	201	4.24	-42.81	-20.00	22.81
1612.05	-53.80	V	197	146	-7.18	-60.98	-20.00	40.98
2015.0625	-52.55	V	113	172	-0.97	-53.52	-20.00	33.52

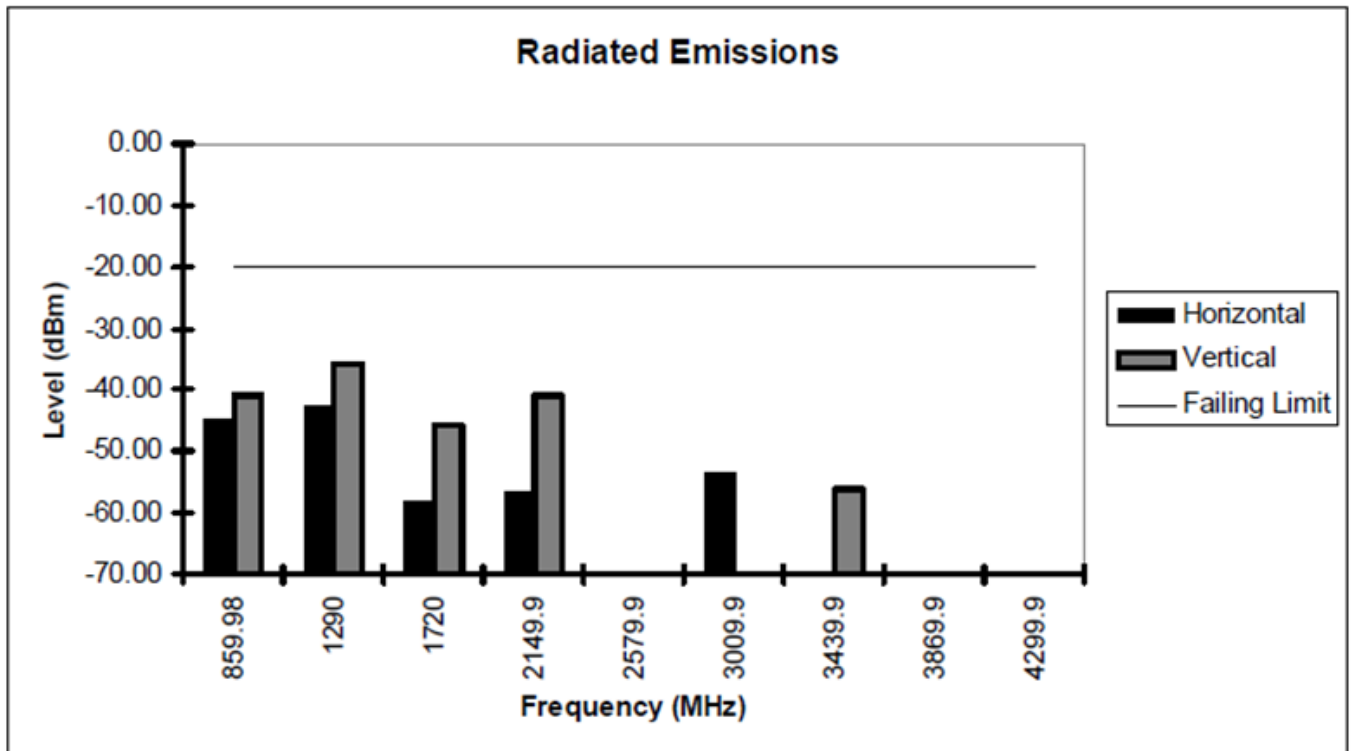
**Graph 6C-1:** 2.4 Watt, 403.0125 MHz, 12.5 kHz Channel Spacing (Not for FCC Review)

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)
812.225	-51.90	H	100	295	5.00	-46.90	-20.00	26.90
1218.3375	-47.60	H	100	305	3.59	-44.01	-20.00	24.01
2842.7875	-55.30	H	166	176	-1.24	-56.54	-20.00	36.54
3248.9	-57.95	H	225	172	0.17	-57.78	-20.00	37.78
812.225	-43.05	V	134	52	7.10	-35.95	-20.00	15.95
1218.3375	-37.10	V	100	36	4.34	-32.76	-20.00	12.76
1624.45	-49.50	V	100	187	-3.23	-52.73	-20.00	32.73
2030.5625	-47.25	V	232	201	0.03	-47.22	-20.00	27.22



Graph 6C-2: 2.4 Watt, 406.1125 MHz, 12.5 kHz Channel Spacing

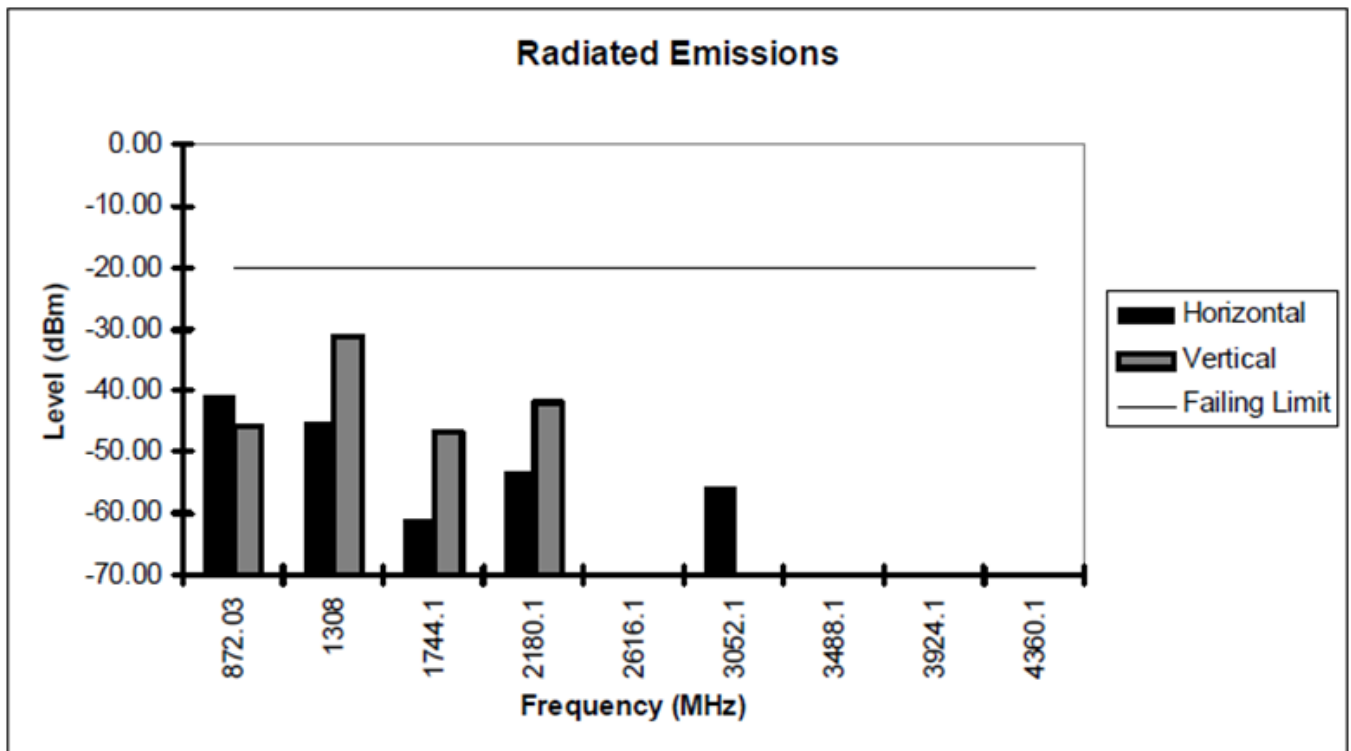
Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
859.975	-50.65	H	100	290	5.99	-44.66	-20.00	24.66
1289.9625	-40.50	H	210	201	-2.11	-42.61	-20.00	22.61
1719.95	-54.10	H	100	154	-4.07	-58.17	-20.00	38.17
2149.9375	-53.20	H	193	13	-3.30	-56.50	-20.00	36.50
3009.9125	-55.55	H	175	201	2.30	-53.25	-20.00	33.25
859.975	-47.45	V	124	221	6.59	-40.86	-20.00	20.86
1289.9625	-35.00	V	100	359	-0.81	-35.81	-20.00	15.81
1719.95	-44.95	V	100	207	-0.62	-45.57	-20.00	25.57
2149.9375	-42.60	V	100	184	1.80	-40.80	-20.00	20.80
3439.9	-58.30	V	100	103	2.21	-56.09	-20.00	36.09



Graph 6C-3: 2.4 Watt, 429.9875 MHz, 12.5 kHz Channel Spacing

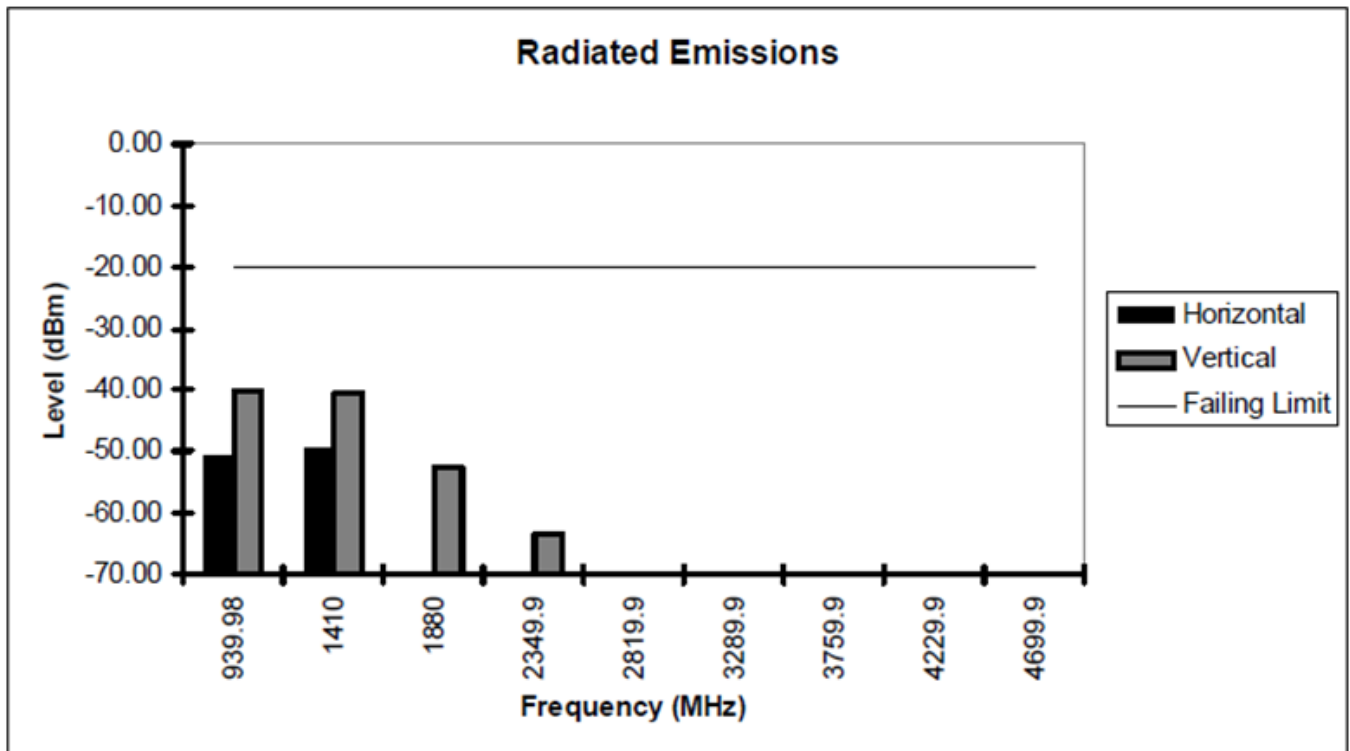


Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
872.025	-47.70	H	100	251	6.68	-41.03	-20.00	21.03
1308.0375	-42.90	H	126	57	-2.13	-45.03	-20.00	25.03
1744.05	-54.95	H	100	149	-5.87	-60.82	-20.00	40.82
2180.0625	-50.95	H	141	192	-2.55	-53.50	-20.00	33.50
3052.0875	-56.50	H	193	189	0.85	-55.65	-20.00	35.65
872.025	-43.65	V	117	196	-2.18	-45.83	-20.00	25.83
1308.0375	-31.25	V	100	28	0.07	-31.18	-20.00	11.18
1744.05	-45.85	V	100	152	-1.02	-46.87	-20.00	26.87
2180.0625	-43.20	V	100	186	1.15	-42.05	-20.00	22.05



Graph 6C-4: 2.4 Watt, 436.0125 MHz, 12.5 kHz Channel Spacing

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)
939.975	-57.75	H	100	302	7.01	-50.74	-20.00	30.74
1409.9625	-46.90	H	100	146	-2.49	-49.39	-20.00	29.39
939.975	-48.70	V	117	205	8.66	-40.04	-20.00	20.04
1409.9625	-39.90	V	120	338	-0.54	-40.44	-20.00	20.44
1879.95	-51.95	V	100	211	-0.82	-52.77	-20.00	32.77
2349.9375	-57.15	V	100	273	-6.31	-63.46	-20.00	43.46



Graph 6C-5: 2.4 Watt, 469.9875 MHz, 12.5 kHz Channel Spacing

## EXHIBIT 6D

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

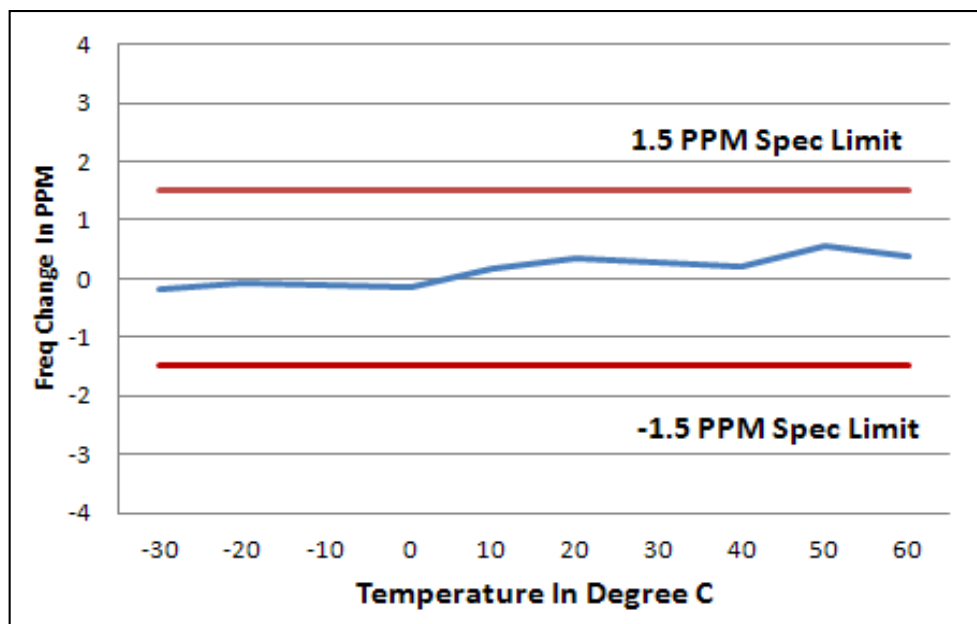


Figure 6D-1: 1.5 ppm Frequency Stability vs. Temperature

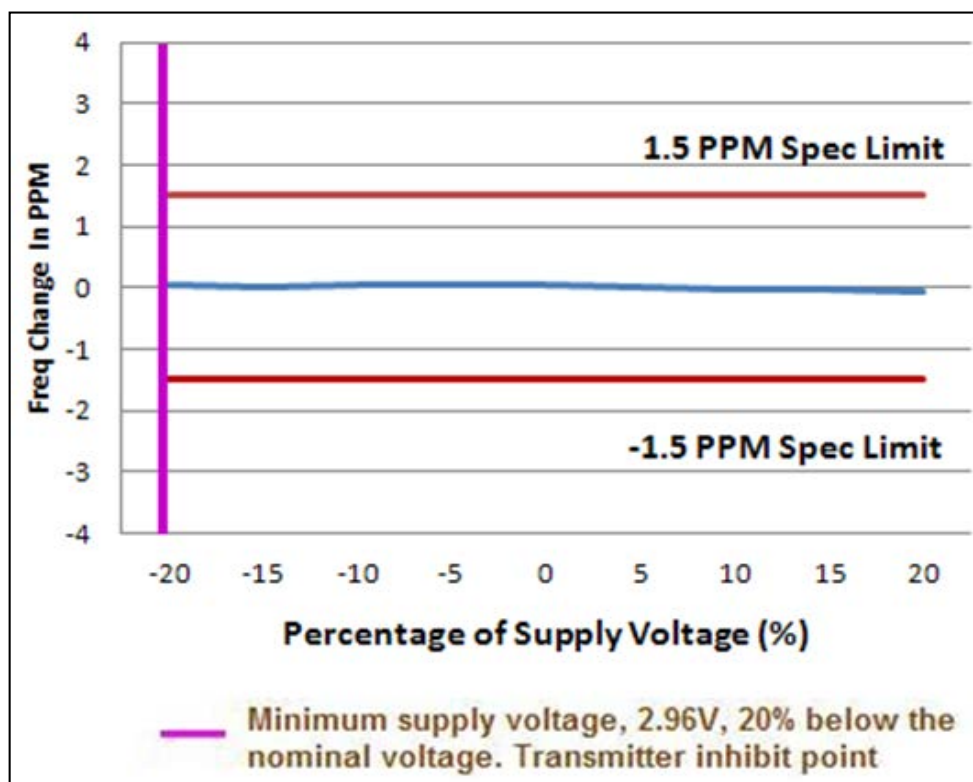


Figure 6D-2: 1.5 ppm Frequency Stability vs. Supply Voltage