

EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

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- 6F-10 - High Power 406.1125 MHz, 12.5 kHz Channel Spacing
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- 6F-14 - High Power 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-15 - High Power 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
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EXHIBIT 6G – Conducted Spurious Emissions

- 6G-1 - High Power 380.0125 MHz, 12.5 kHz Channel Spacing (Not for FCC Review)
- 6G-2 - High Power 406.1125 MHz, 12.5 kHz Channel Spacing
- 6G-3 - High Power 429.9875 MHz, 12.5 kHz Channel Spacing
- 6G-4 - High Power 469.9875 MHz, 12.5 kHz Channel Spacing
- 6G-5 - High Power 380.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-6 - High Power 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-7 - High Power 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

6G-8 - High Power 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

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6H-1- 429.9875 MHz vs. Supply Voltage

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6I-3 - 429.9875 MHz, 25 kHz Channel Spacing – Transmitter On (Not for FCC Review)

6I-4 - 429.9875 MHz, 25 kHz Channel Spacing – Transmitter Off (Not for FCC Review)

**** 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)

Frequency = 380.0125 MHz: (Not for FCC Review)

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.00 Amps

Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.37 Amps

Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.90 Amps

Frequency = 406.1125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.02 Amps

Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.28 Amps

Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.80 Amps

Frequency= 429.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps

Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.30 Amps

Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.85 Amps

Frequency = 469.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps

Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.36 Amps

Output RF power	5.70 Watts
DC Voltage	7.50 Volts

DC Current
EXHIBIT 6B

1.92 Amps

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

Audio Frequency Response
(Freq: 429.9875 MHz, ChSp: 12.5kHz)

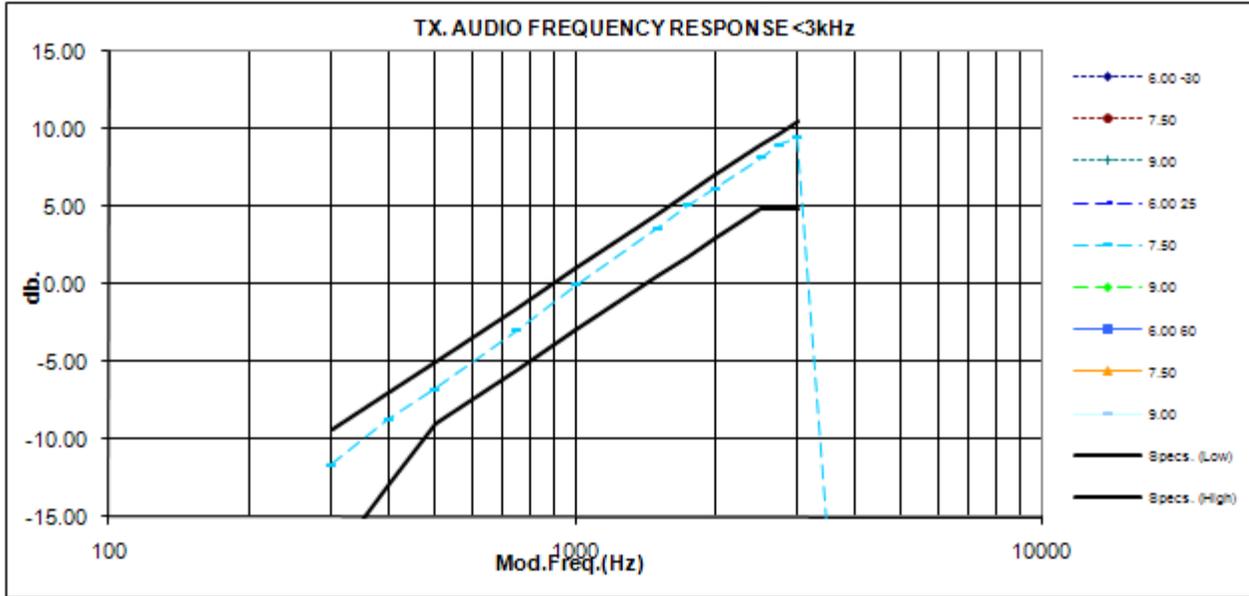


Exhibit 6B-1

Audio Frequency Response
(Freq: 429.9875 MHz, ChSp: 25 kHz) (Not for FCC Review)

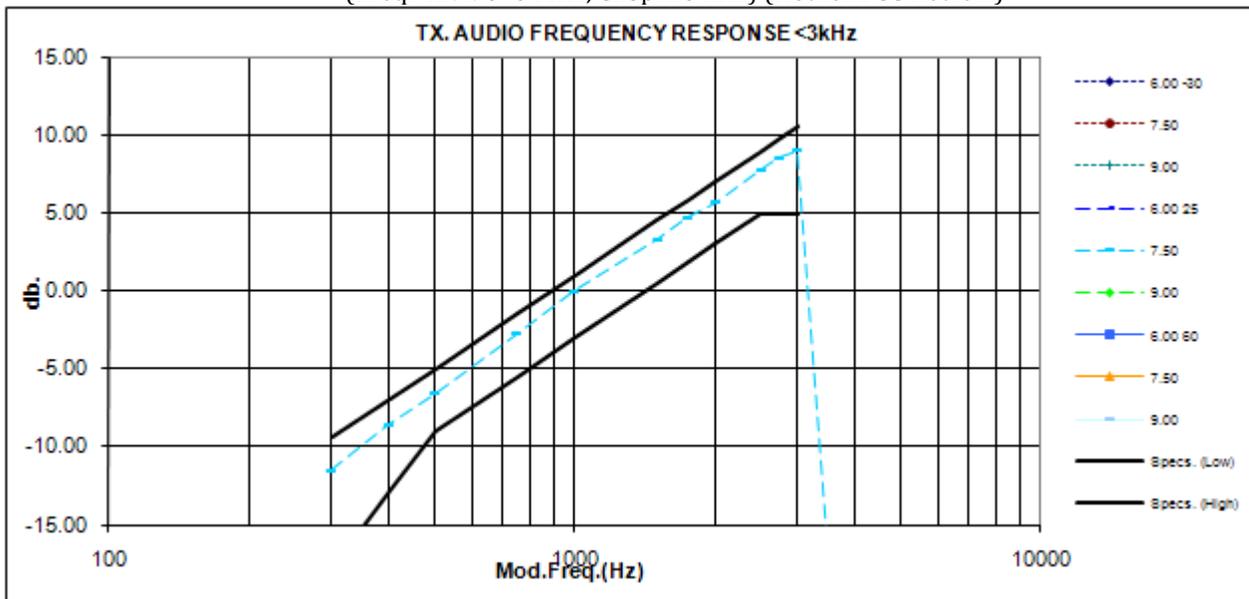


Exhibit 6B-2

EXHIBIT 6C

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

Transmit Low Pass Filter Frequency Response
(Freq: 429.9875 MHz, ChSp: 12.5kHz)

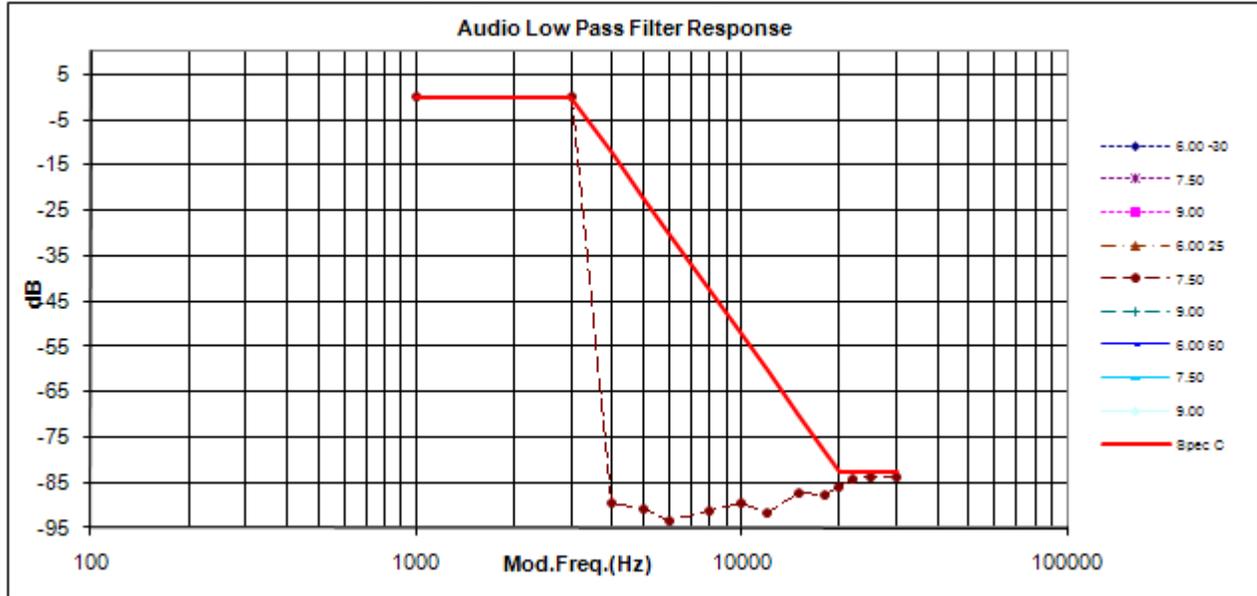


Exhibit 6C-1

Transmit Low Pass Filter Frequency Response
(Freq: 429.9875 MHz, ChSp: 25 kHz) (Not for FCC Review)

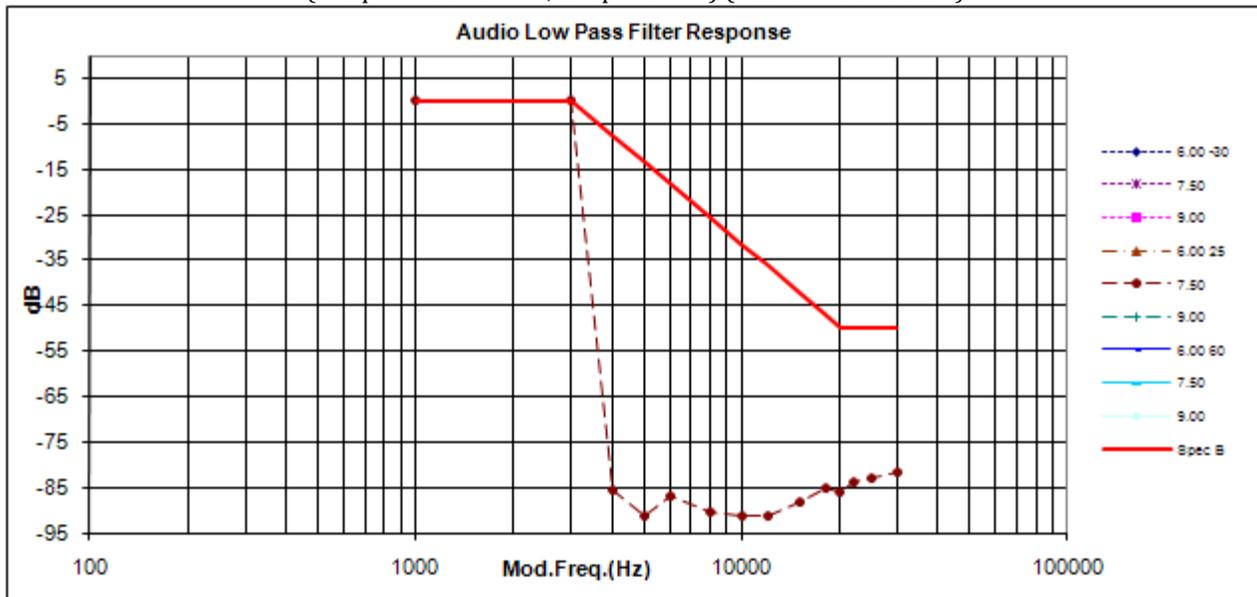


Exhibit 6C-2

EXHIBIT 6D

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

Modulation Limiting (Freq: 429.9875 MHz, ChSp: 12.5kHz)

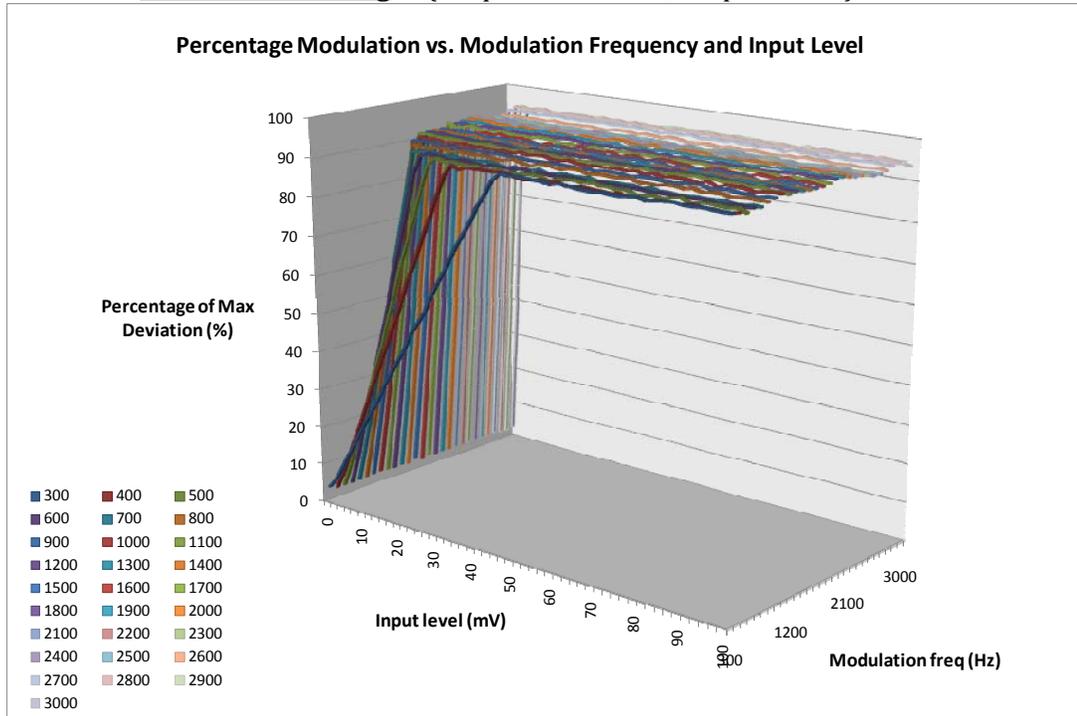
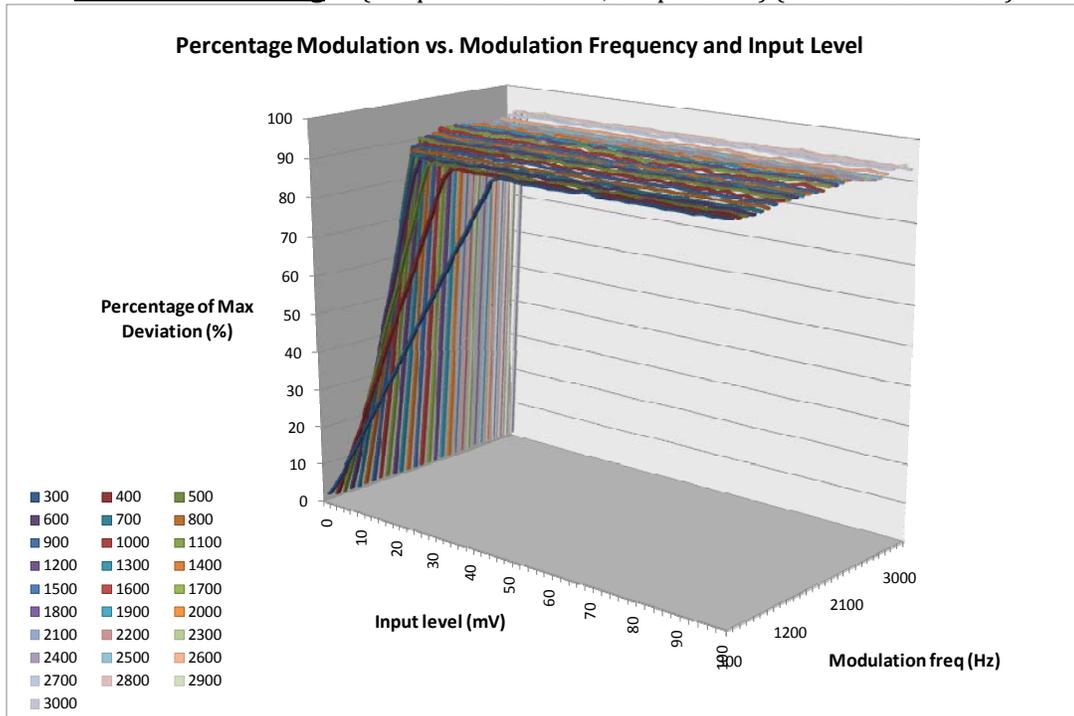


Exhibit 6D-1

Modulation Limiting (Freq: 429.9875 MHz, ChSp: 25kHz) (Not for FCC Review)



BANDWIDTH CALCULATIONS:

Carson’s Rule for FM modulation is utilized to compute the bandwidth shown in the FCC emission designator. Carson’s Rule is: $BW = 2 * (M + D)$ where: BW = Bandwidth
M= Maximum modulating frequency
D = Deviation

Shown below are the calculations required for FCC ID: AZ489FT4911.

EXHIBIT 6E-1

Standard Audio Modulation (12.5 kHz Channelization, Analog Voice):

Emission Designator 11K0F3E

In this case, the maximum modulating frequency is 3.0 kHz with a 2.5 kHz deviation.

$BW = 2(M+D) = 2*(3.0 \text{ kHz} + 2.5 \text{ kHz}) = 11 \text{ kHz} \Rightarrow 11K0$
F3E portion of the designator indicates voice.

Therefore, the entire designator for 12.5 kHz channelization analog voice is 11K0F3E.

EXHIBIT 6E-2

Standard Audio Modulation (25 kHz Channelization, Analog Voice):

Emission Designator 16K0F3E

In this case, the maximum modulating frequency is 3 kHz with a 5 kHz deviation.

$BW = 2(M+D) = 2*(3 \text{ kHz} + 5 \text{ kHz}) = 16 \text{ kHz} \Rightarrow 16K0$
F3E portion of the designator indicates voice.

Therefore, the entire designator for 25 kHz channelization analog voice is 16K0F3E.

EXHIBIT 6E-3

Digital (12.5 kHz Channelization, Digital Data):

Emission Designator 8K10F1D

The 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson’s rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1D portion of the designator indicates digital data.

Therefore, the entire designator for 12.5 kHz channelization digital data is 8K10F1D.

EXHIBIT 6E-4

Digital (12.5 kHz Channelization, Digital Voice):

Emission Designator 8K10F1E

The 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson’s rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1E portion of the designator indicates digital voice.

Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1E.

EXHIBIT 6E-5

Digital (12.5 kHz Channelization, Digital TDMA):

Emission Designator 8K10F1W

The 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1W portion of the designator indicates digital TDMA.

Therefore, the entire designator for 12.5 kHz channelization digital TDMA is 8K10F1W.

EXHIBIT 6E-6

Digital Modulation (20 kHz Channelization, Digital Voice with encryption):

Emission Designator 20K0F1E

In this case, the maximum modulating frequency is 6 kHz with a 4 kHz deviation.

$$BW = 2(M+D) = 2*(6 \text{ kHz} + 4 \text{ kHz}) = 20 \text{ kHz} \Rightarrow 20K0$$

F1E portion of the designator indicates digital voice.

Therefore, the entire designator for 20 kHz channelization analog voice is 20K0F1E.

EXHIBIT 6E

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

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 429.9875 MHz Channel Spacing = 12.5 kHz

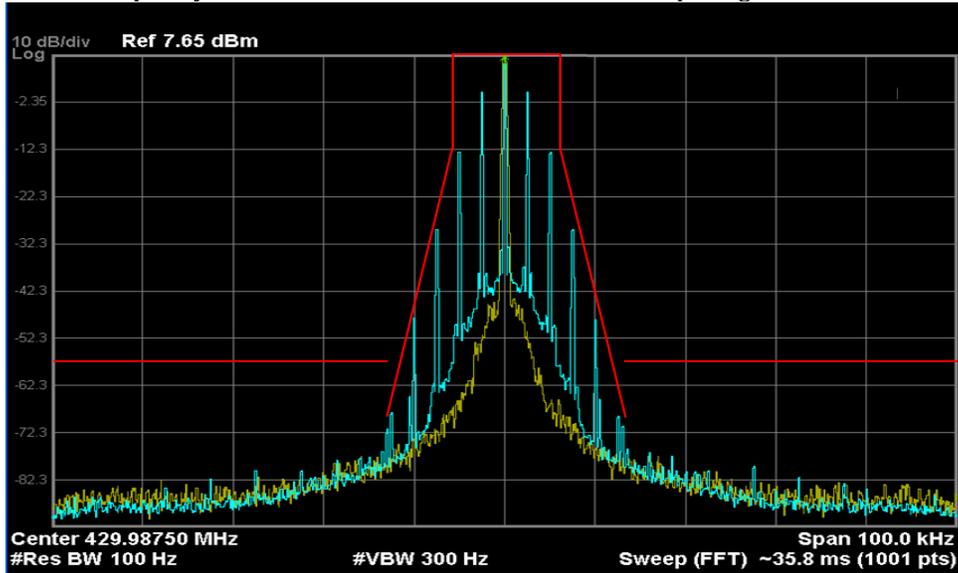


Exhibit 6E-1

Occupied Bandwidth (Analog Voice: 16K0F3E) (Not for FCC Review)
Frequency = 429.9875 MHz Channel Spacing = 25 kHz

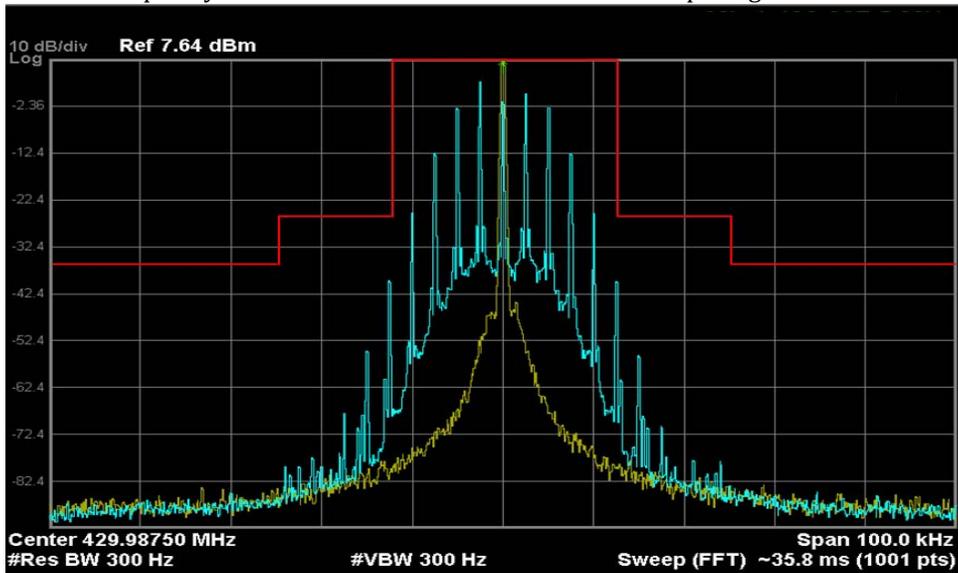


Exhibit 6E-2

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 429.9875 MHz Channel Spacing = 12.5 kHz

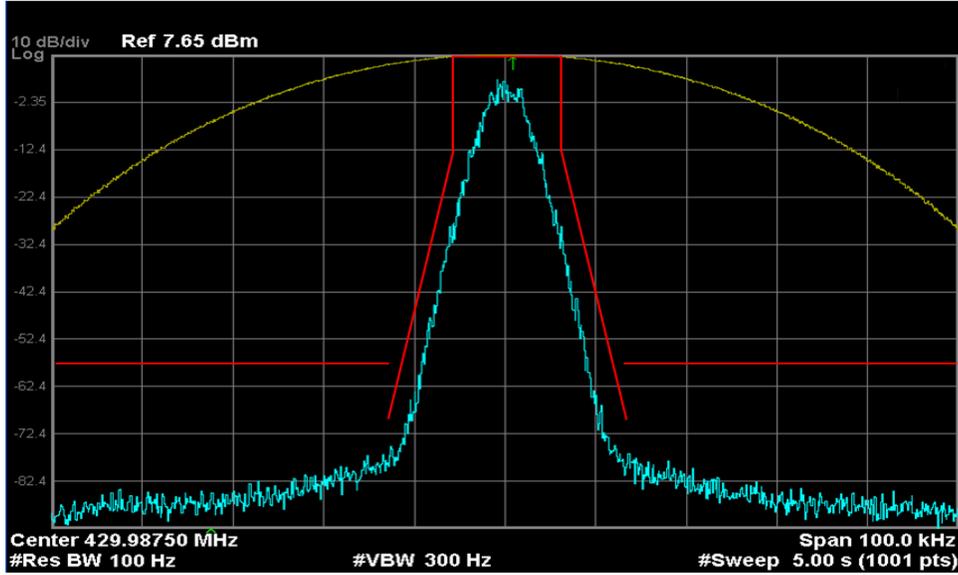


Exhibit 6E-3

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 429.9875 MHz Channel Spacing = 12.5 kHz

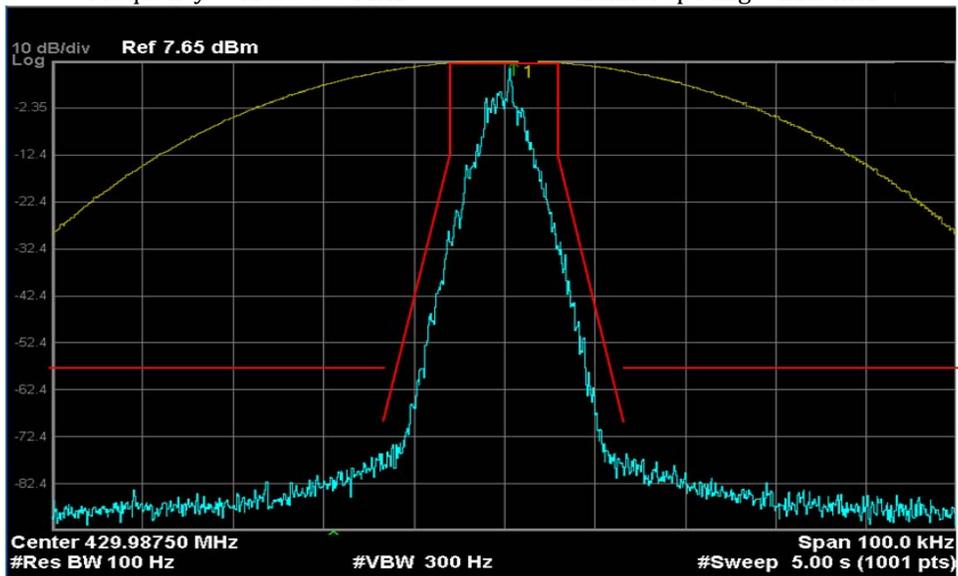


Exhibit 6E-4

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 429.9875 MHz Channel Spacing = 12.5 kHz

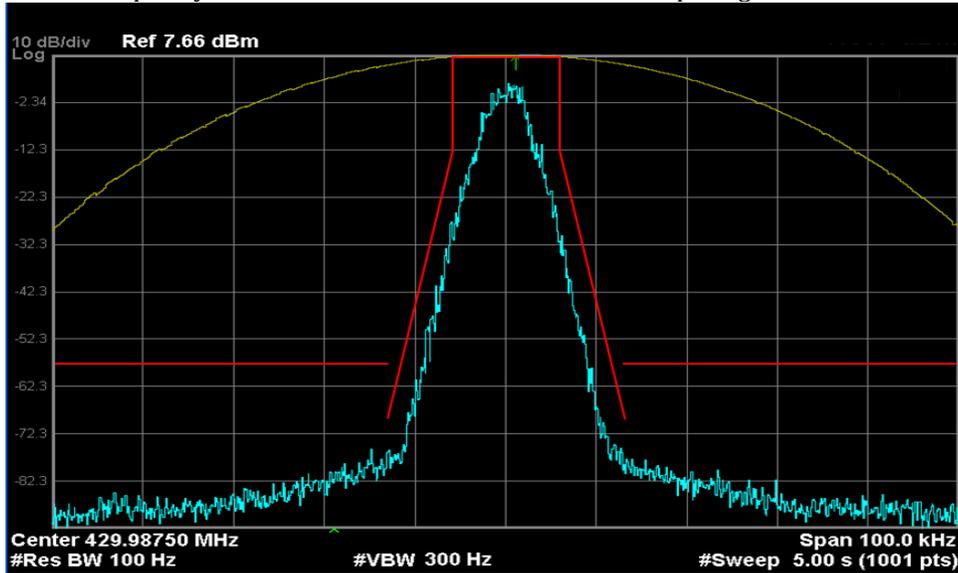


Exhibit 6E-5

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E) (Not for FCC Review)
Frequency = 429.9875 MHz Channel Spacing = 20 kHz

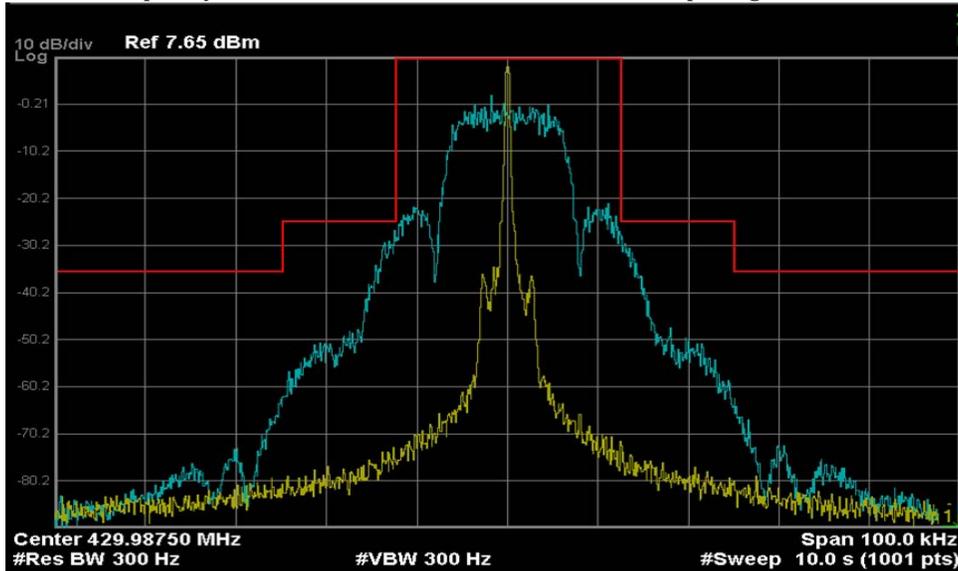


Exhibit 6E-6

****NOTE:-**

- All measurements of Occupied Bandwidth which are shown on the above plots are measured using a Spectrum Analyzer

- Measurement using a Spectrum Analyzer must use a 30dB attenuation in order to avoid damage to it
- Therefore the reference power level (Ref) shown on each plot refers to its true power level

EXHIBIT 6F

Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1053 and 2.1033(c)(13)

Low Power (Not for FCC Review)

Table 10: TX Radiated Emissions Results, 380.0125 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)
1140.0375	-55.25	V	100	181	-10.23	-65.48	-20.00	45.48
1900.0625	-57.55	V	100	246	-9.99	-67.54	-20.00	47.54

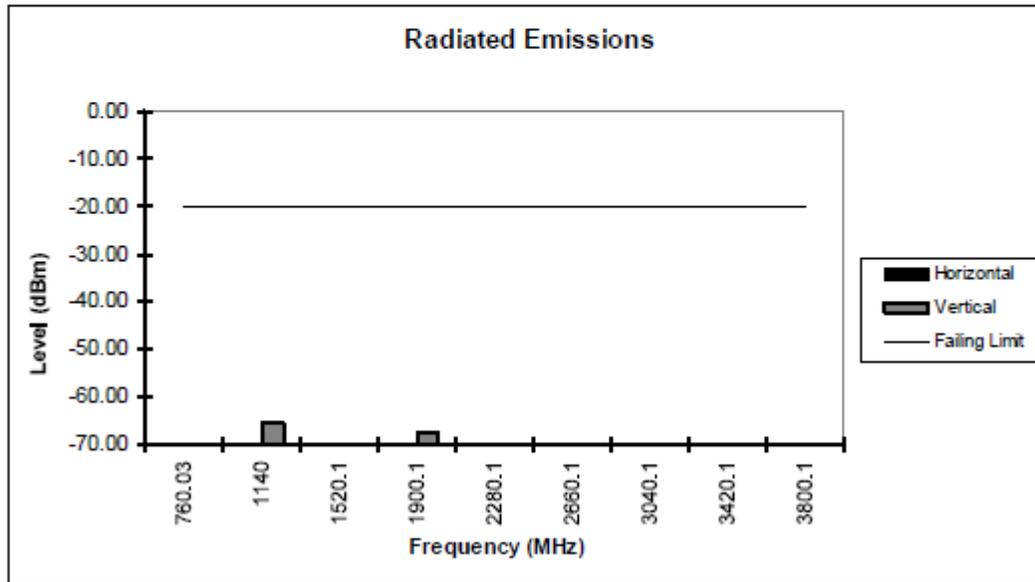


Figure 9: TX Radiated Emissions Results, 380.0125 MHz 12.5 kHz

Exhibit 6F-1

Low Power

Table 11: TX Radiated Emissions Results, 406.1125 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)
2436.675	-56.50	H	109	188	-2.59	-59.09	-20.00	39.09
1218.3375	-55.30	V	101	220	-11.21	-66.51	-20.00	46.51
1624.45	-57.45	V	110	181	-11.98	-69.43	-20.00	49.43
2436.675	-57.45	V	101	165	-5.39	-62.84	-20.00	42.84

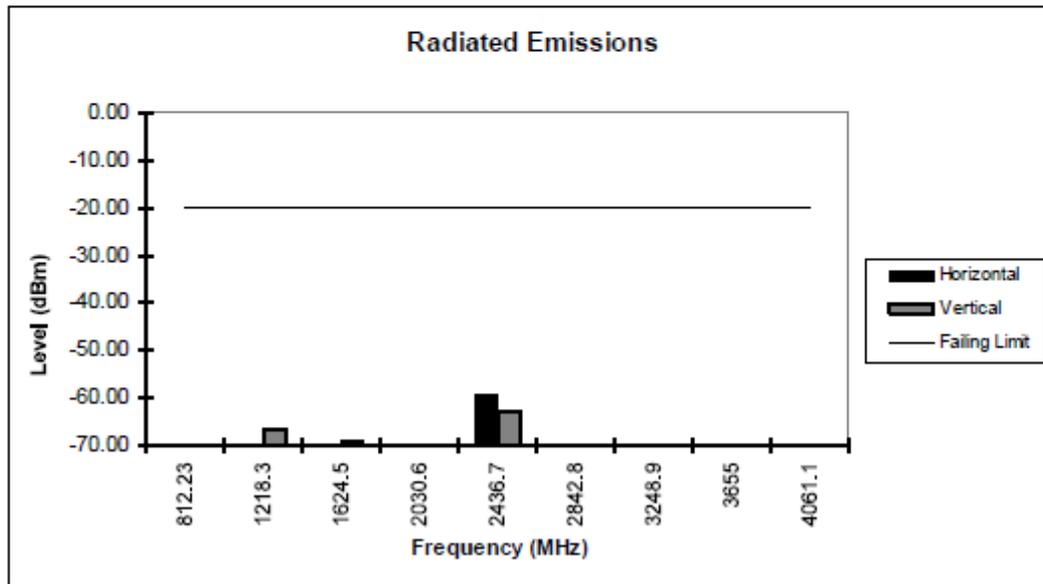


Figure 10: TX Radiated Emissions Results, 406.1125 MHz 12.5 kHz

Exhibit 6F-2

Low Power

Table 12: TX Radiated Emissions Results, 429.9875 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)
1719.95	-56.90	H	101	154	-9.22	-66.12	-20.00	46.12
2579.925	-58.10	H	100	187	-6.34	-64.44	-20.00	44.44
1289.9625	-55.05	V	144	159	-9.86	-64.91	-20.00	44.91
1719.95	-54.70	V	108	191	-4.97	-59.67	-20.00	39.67

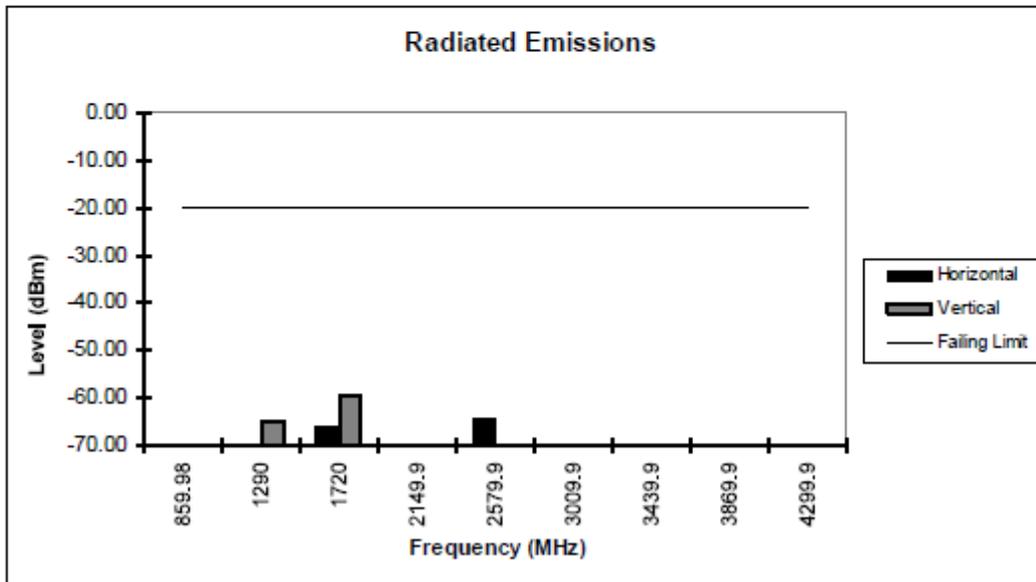


Figure 11: TX Radiated Emissions Results, 429.9875 MHz 12.5 kHz

Exhibit 6F-3

Low Power

Table 13: TX Radiated Emissions Results, 469.9875 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)
1879.95	-57.75	H	100	205	-9.52	-67.27	-20.00	47.27
2349.9375	-58.45	H	123	228	-8.41	-66.86	-20.00	46.86
1879.95	-56.10	V	100	246	-6.37	-62.47	-20.00	42.47
2349.9375	-57.80	V	101	181	-6.56	-64.36	-20.00	44.36
3759.9	-60.30	V	100	209	-1.09	-61.39	-20.00	41.39
4229.8875	-61.60	V	105	198	-1.29	-62.89	-20.00	42.89

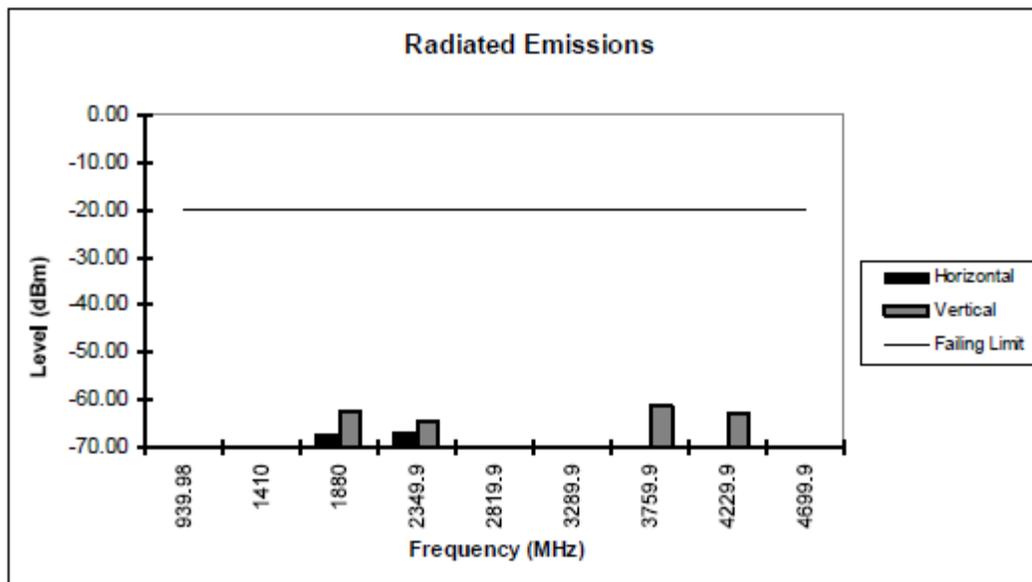


Figure 12: TX Radiated Emissions Results, 469.9875 MHz 12.5 kHz

Exhibit 6F-4

Low Power (Not for FCC Review)

Table 14: TX Radiated Emissions Results, 380.0125 MHz 25 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)
1140.0375	-57.15	H	135	180	-11.83	-68.98	-13.00	55.98
1140.0375	-55.35	V	100	174	-10.23	-65.58	-13.00	52.58
1900.0625	-58.10	V	100	243	-11.54	-69.64	-13.00	56.64

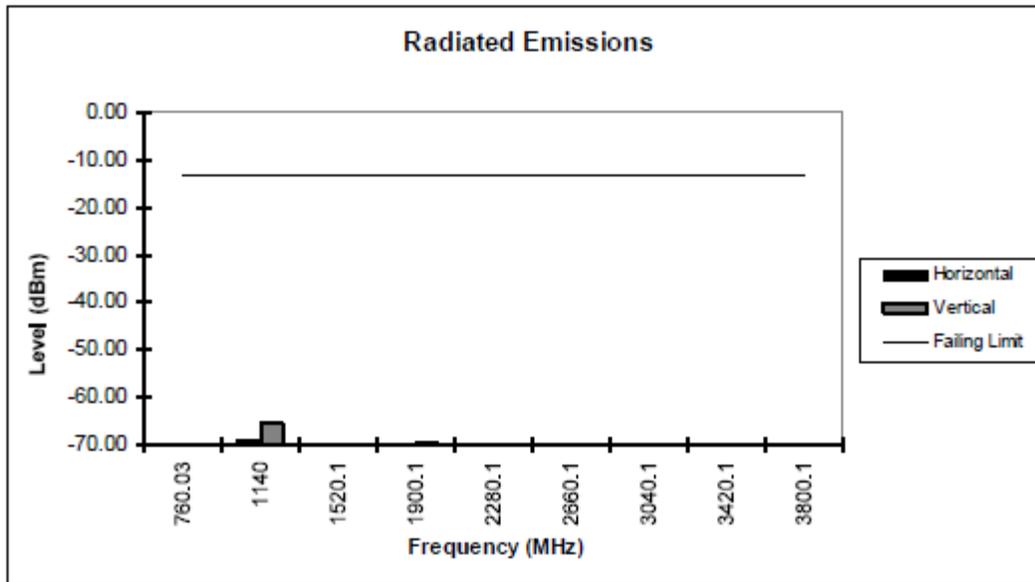


Figure 13: TX Radiated Emissions Results, 380.0125 MHz 25 kHz

Exhibit 6F-5

Low Power (Not for FCC Review)

Table 15: TX Radiated Emissions Results, 406.1125 MHz 25 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)
2436.675	-57.20	H	109	184	-3.89	-61.09	-13.00	48.09
1218.3375	-55.05	V	100	209	-10.51	-65.56	-13.00	52.56
1624.45	-57.05	V	109	182	-10.23	-67.28	-13.00	54.28
2436.675	-58.45	V	107	162	-6.59	-65.04	-13.00	52.04

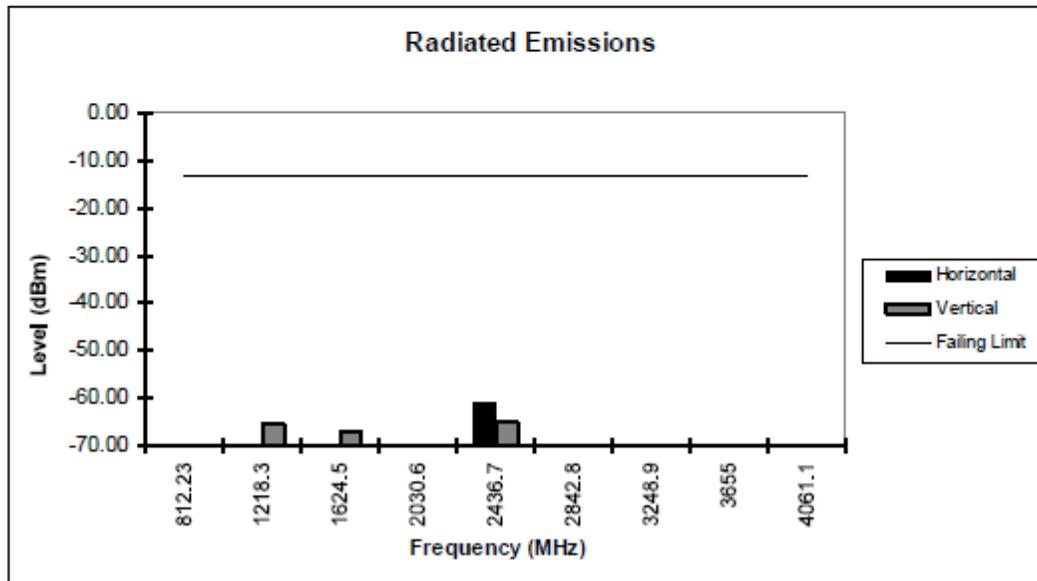


Figure 14: TX Radiated Emissions Results, 406.1125 MHz 25 kHz

Exhibit 6F-6

Low Power (Not for FCC Review)

Table 16: TX Radiated Emissions Results, 429.9875 MHz 25 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)
1719.95	-57.60	H	138	143	-10.47	-68.07	-13.00	55.07
2579.925	-58.85	H	100	177	-6.34	-65.19	-13.00	52.19
1289.9625	-55.50	V	141	197	-10.56	-66.06	-13.00	53.06
1719.95	-55.50	V	106	195	-6.37	-61.87	-13.00	48.87

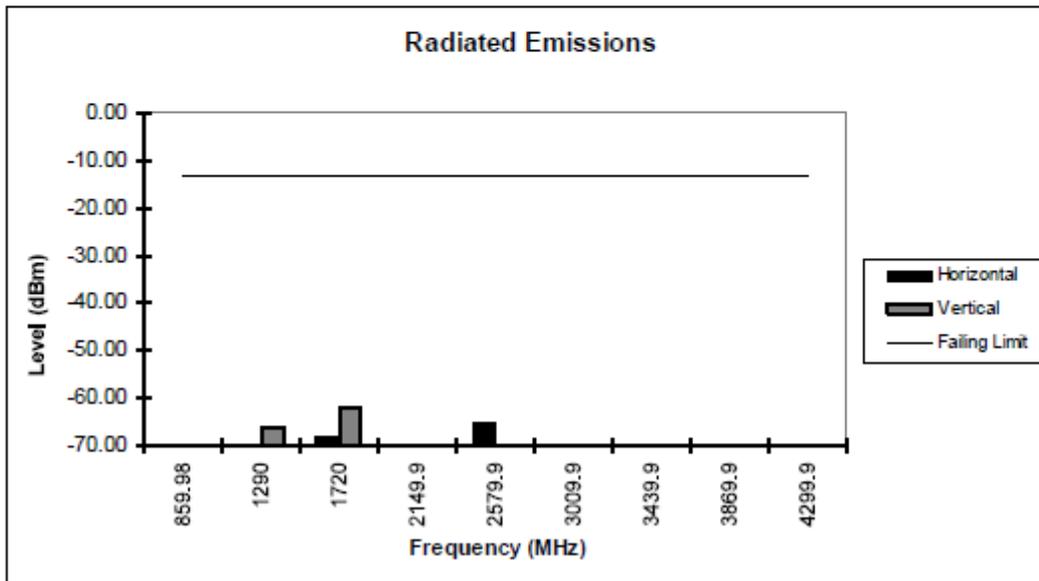


Figure 15: TX Radiated Emissions Results, 429.9875 MHz 25 kHz

Exhibit 6F-7

Low Power (Not for FCC Review)

Table 17: TX Radiated Emissions Results, 469.9875 MHz 25 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)
1879.95	-57.55	H	100	205	-9.77	-67.32	-13.00	54.32
2349.9375	-57.20	H	127	133	-5.51	-62.71	-13.00	49.71
1879.95	-56.85	V	100	244	-7.57	-64.42	-13.00	51.42
2349.9375	-57.85	V	100	165	-6.56	-64.41	-13.00	51.41
3759.9	-59.45	V	100	191	-7.54	-66.99	-13.00	53.99

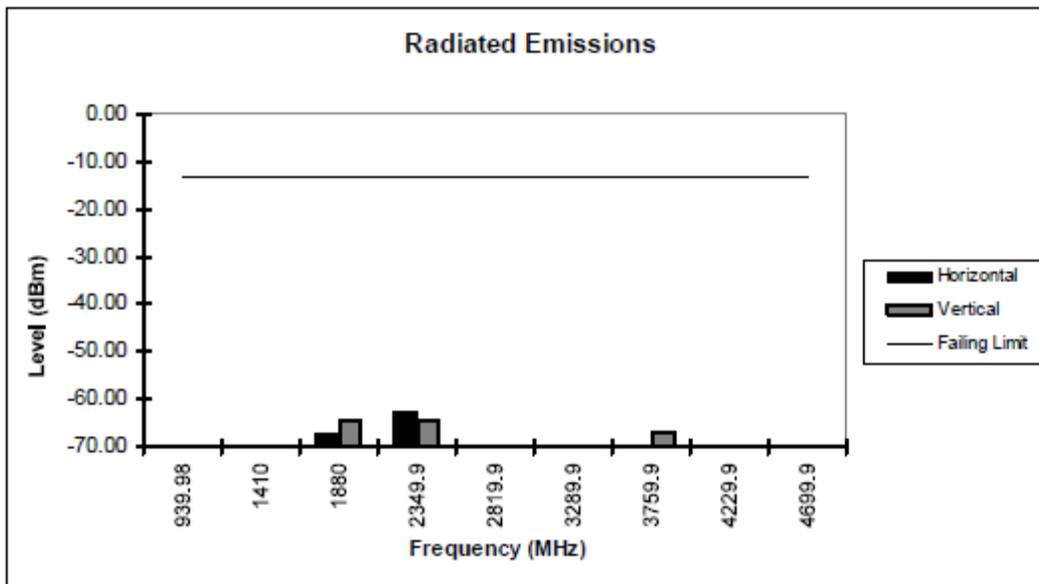


Figure 16: TX Radiated Emissions Results, 469.9875 MHz 25 kHz

Exhibit 6F-8

High Power (5.7 W) (Not for FCC Review)

Table 2: TX Radiated Emissions Results, 380.0125 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)
1140.0375	-56.25	H	100	289	-10.58	-66.83	-20.00	46.83
760.025	-70.85	V	145	182	2.22	-68.63	-20.00	48.63
1140.0375	-51.15	V	100	181	-5.63	-56.78	-20.00	36.78
1520.05	-54.80	V	114	183	-8.77	-63.57	-20.00	43.57

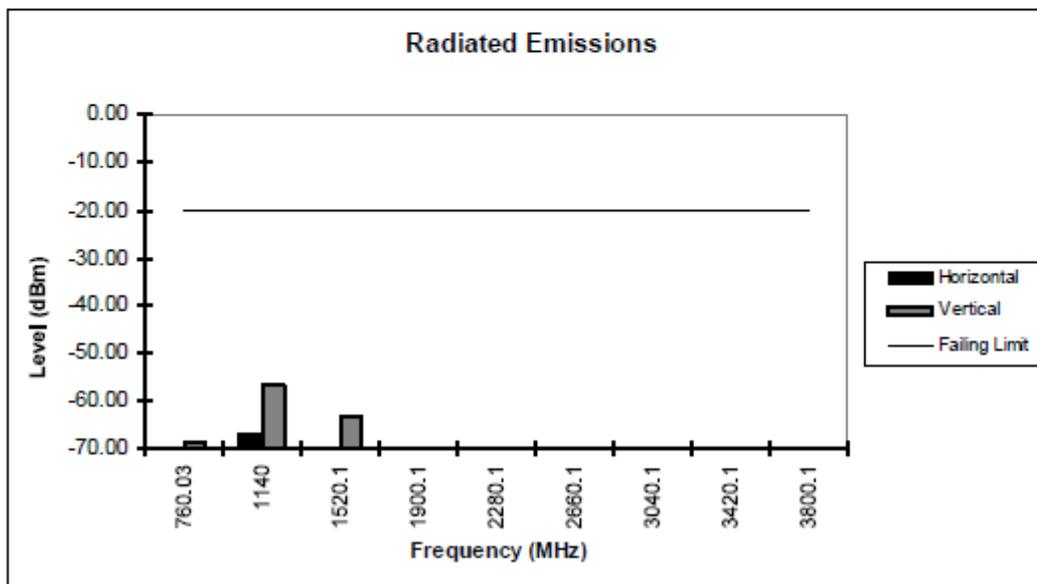


Figure 1: TX Radiated Emissions Results, 380.0125 MHz 12.5 kHz

Exhibit 6F-9

High Power (5.7 W)

Table 3: TX Radiated Emissions Results, 406.1125 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)
1218.3375	-52.90	H	280	78	-6.51	-59.41	-20.00	39.41
1624.45	-57.10	H	100	136	-9.13	-66.23	-20.00	46.23
2436.675	-56.20	H	110	186	-1.49	-57.69	-20.00	37.69
812.225	-71.00	V	145	156	1.75	-69.25	-20.00	49.25
1218.3375	-47.30	V	100	165	-3.86	-51.16	-20.00	31.16
1624.45	-55.05	V	108	192	-6.28	-61.33	-20.00	41.33
2436.675	-58.65	V	100	173	-6.59	-65.24	-20.00	45.24

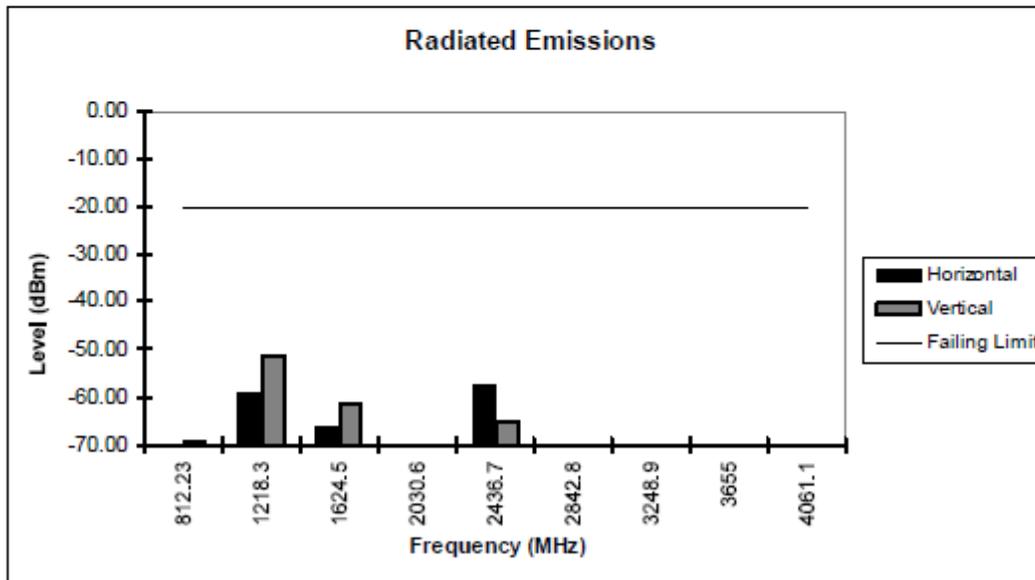


Figure 2: TX Radiated Emissions Results, 406.1125 MHz 12.5 kHz

Exhibit 6F-10

High Power (5.7 W)

Table 4: TX Radiated Emissions Results, 429.9875 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)
1289.9625	-53.70	H	273	70	-6.71	-60.41	-20.00	40.41
1719.95	-57.25	H	100	144	-9.97	-67.22	-20.00	47.22
2579.925	-58.60	H	100	192	-6.34	-64.94	-20.00	44.94
1289.9625	-48.85	V	148	163	-3.31	-52.16	-20.00	32.16
1719.95	-53.55	V	156	186	-3.62	-57.17	-20.00	37.17
2579.925	-58.60	V	100	160	-5.29	-63.89	-20.00	43.89

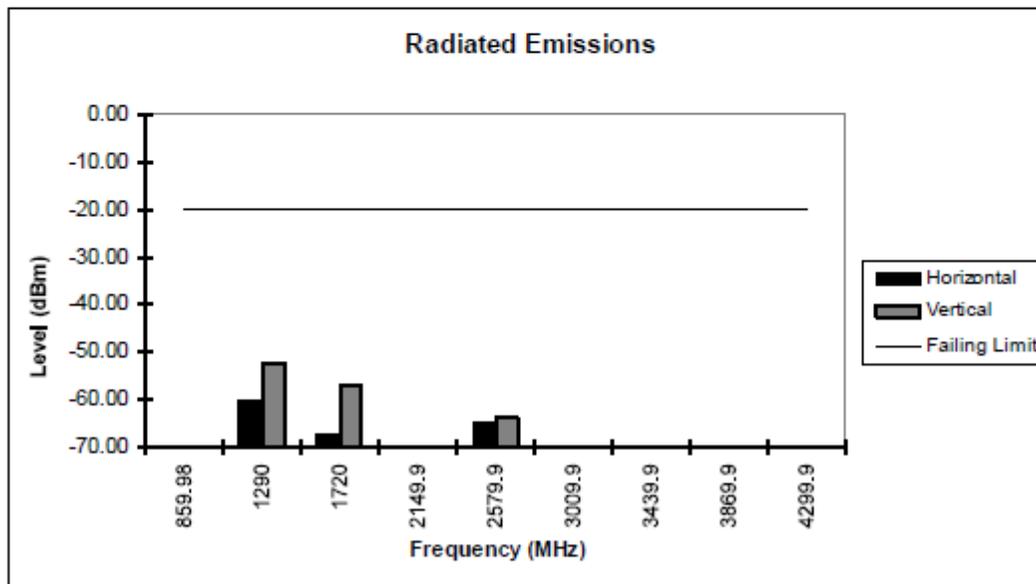


Figure 3: TX Radiated Emissions Results, 429.9875 MHz 12.5 kHz

Exhibit 6F-11

High Power (5.7 W)

Table 5: TX Radiated Emissions Results, 469.9875 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)
1409.9625	-53.85	H	100	184	-4.99	-58.84	-20.00	38.84
1879.95	-55.85	H	105	191	-5.77	-61.62	-20.00	41.62
3759.9	-59.40	H	177	158	2.61	-56.79	-20.00	36.79
4229.8875	-60.25	H	183	135	3.11	-57.14	-20.00	37.14
939.975	-70.20	V	192	180	4.46	-65.74	-20.00	45.74
1409.9625	-51.90	V	119	10	-3.44	-55.34	-20.00	35.34
1879.95	-52.80	V	100	181	-0.87	-53.67	-20.00	33.67
4229.8875	-60.05	V	106	191	4.66	-55.39	-20.00	35.39

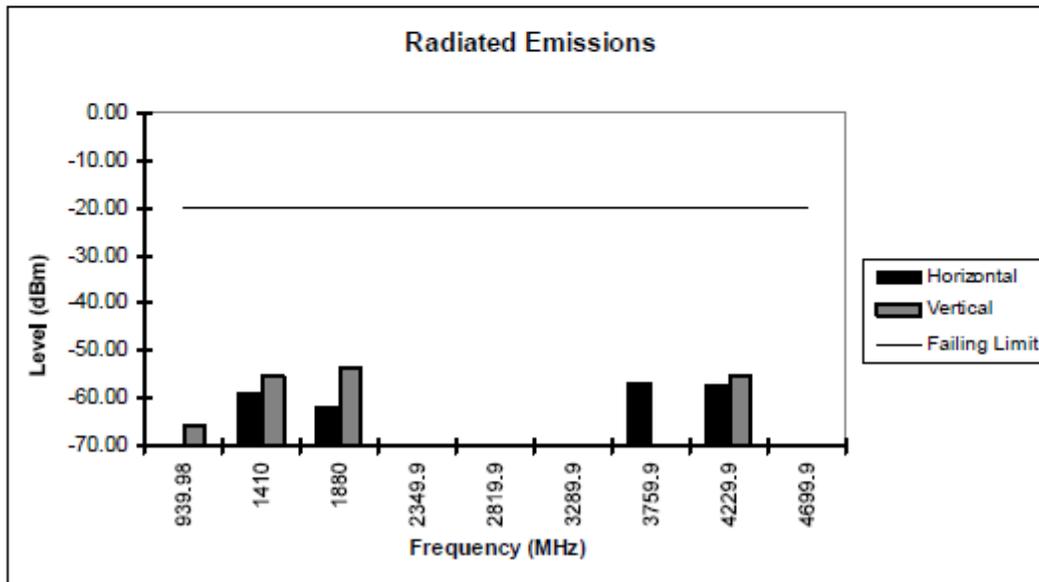


Figure 4: TX Radiated Emissions Results, 469.9875 MHz 12.5 kHz

Exhibit 6F-12

High Power (5.7 W) (Not for FCC Review)

Table 6: TX Radiated Emissions Results, 380.0125 MHz 25 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)
1140.0375	-56.65	H	100	290	-10.58	-67.23	-13.00	54.23
1520.05	-56.85	H	100	201	-12.67	-69.52	-13.00	56.52
2280.075	-58.20	H	100	231	-8.82	-67.02	-13.00	54.02
760.025	-71.65	V	154	183	1.57	-70.08	-13.00	57.08
1140.0375	-50.35	V	100	174	-4.93	-55.28	-13.00	42.28
1520.05	-53.40	V	113	182	-6.47	-59.87	-13.00	46.87
1900.0625	-57.05	V	116	165	-10.09	-67.14	-13.00	54.14

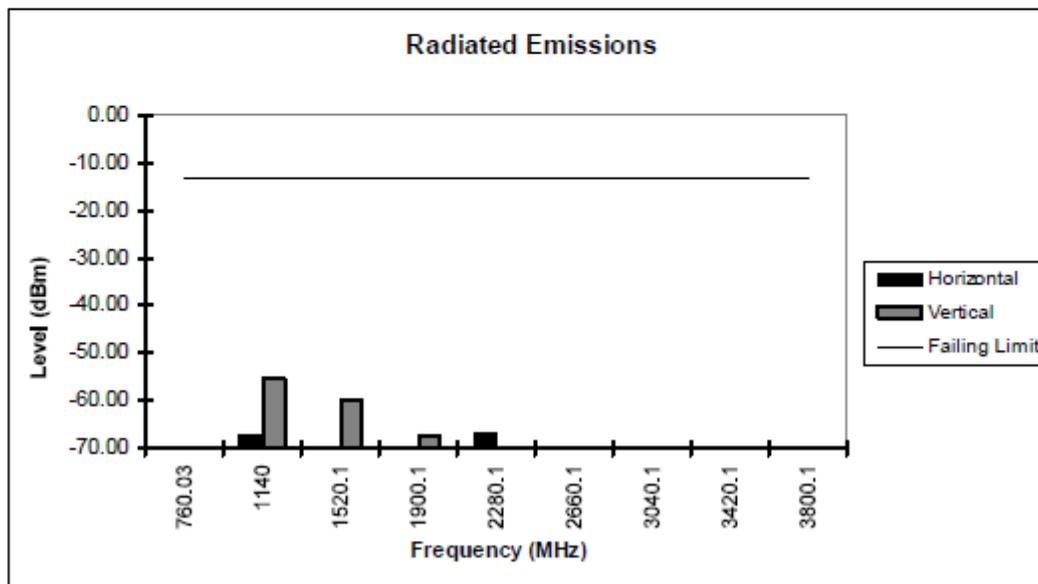


Figure 5: TX Radiated Emissions Results, 380.0125 MHz 25 kHz

Exhibit 6F-13

High Power (5.7 W) (Not for FCC Review)

Table 7: TX Radiated Emissions Results, 406.1125 MHz 25 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)
1218.3375	-53.85	H	120	202	-7.66	-61.51	-13.00	48.51
1624.45	-56.05	H	100	226	-8.03	-64.08	-13.00	51.08
2436.675	-56.55	H	110	186	-2.59	-59.14	-13.00	46.14
1218.3375	-48.45	V	100	169	-4.61	-53.06	-13.00	40.06
1624.45	-54.00	V	109	162	-5.43	-59.43	-13.00	46.43
2030.5625	-57.60	V	100	198	-7.22	-64.82	-13.00	51.82

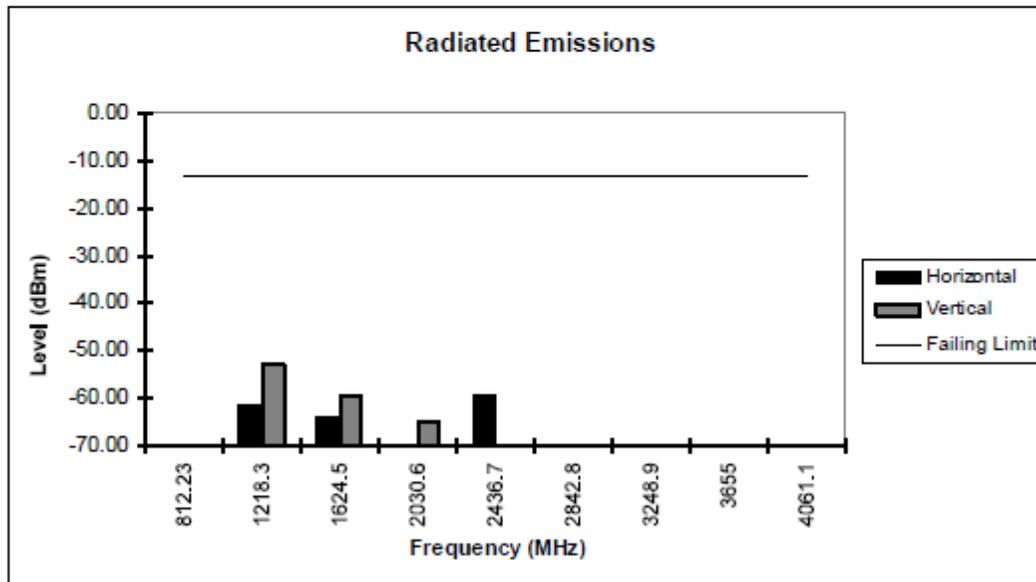


Figure 6: TX Radiated Emissions Results, 406.1125 MHz 25 kHz

Exhibit 6F-14

High Power (5.7 W) (Not for FCC Review)

Table 8: TX Radiated Emissions Results, 429.9875 MHz 25 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)
1289.9625	-55.50	H	161	218	-10.11	-65.61	-13.00	52.61
1719.95	-56.15	H	124	229	-7.97	-64.12	-13.00	51.12
2579.925	-58.65	H	100	187	-6.34	-64.99	-13.00	51.99
1289.9625	-50.05	V	100	146	0.14	-49.91	-13.00	36.91
1719.95	-53.60	V	100	189	-3.62	-57.22	-13.00	44.22

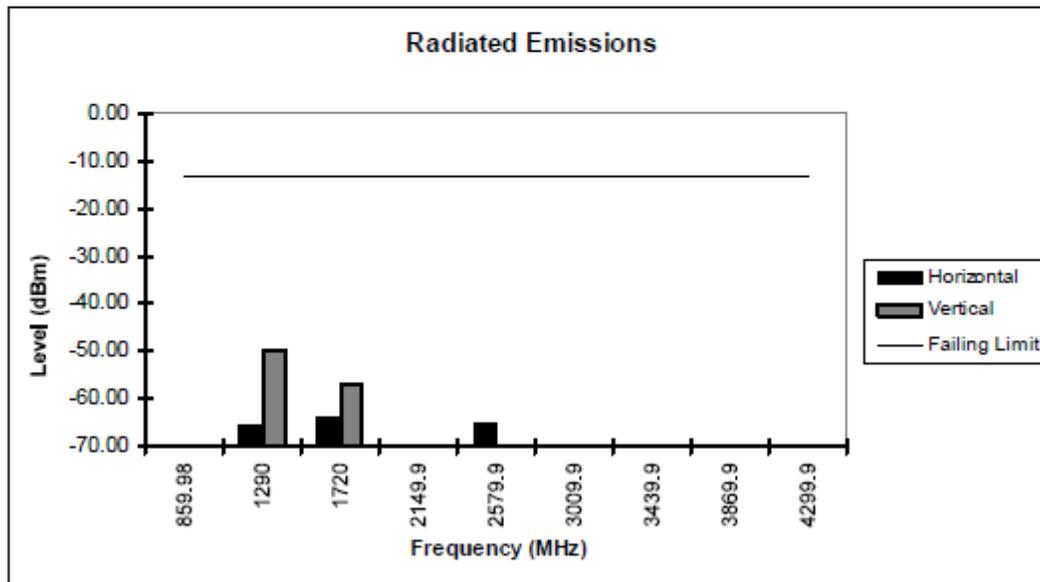


Figure 7: TX Radiated Emissions Results, 429.9875 MHz 25 kHz

Exhibit 6F-15

High Power (5.7 W) (Not for FCC Review)

Table 9: TX Radiated Emissions Results, 469.9875 MHz 25 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)
1409.9625	-54.10	H	103	184	-6.09	-60.19	-13.00	47.19
1879.95	-55.75	H	106	192	-5.77	-61.52	-13.00	48.52
4229.8875	-59.70	H	149	138	4.91	-54.79	-13.00	41.79
939.975	-70.45	V	119	173	3.76	-66.69	-13.00	53.69
1409.9625	-51.35	V	133	189	-3.54	-54.89	-13.00	41.89
1879.95	-54.00	V	100	178	-2.47	-56.47	-13.00	43.47
4229.8875	-58.90	V	104	195	8.06	-50.84	-13.00	37.84

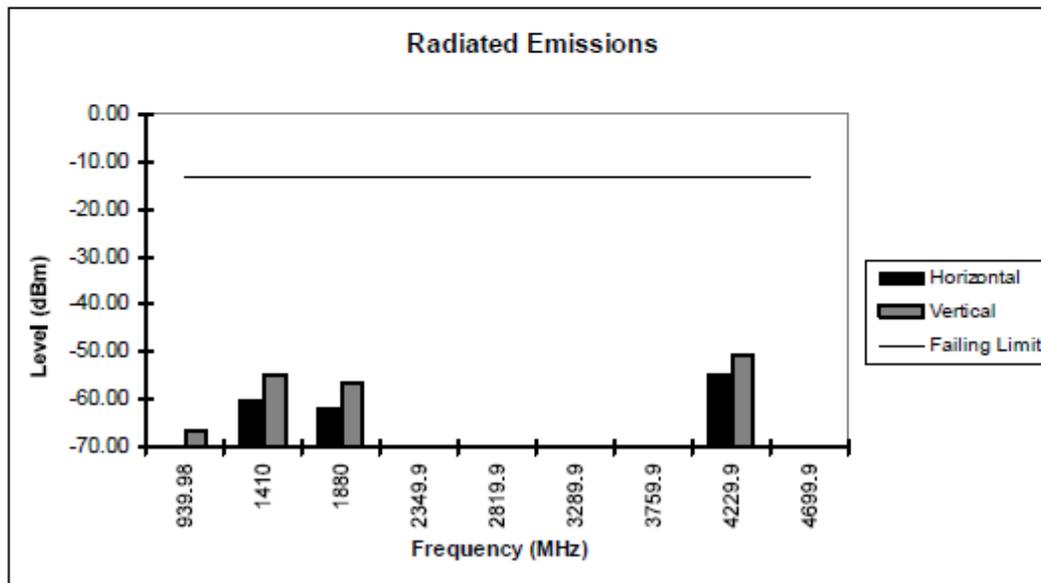


Figure 8: TX Radiated Emissions Results, 469.9875 MHz 25 kHz

Exhibit 6F-16

EXHIBIT 6G

Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1051 and 2.1033(c) (13)
Spurs which are not shown is less than 100dB

Freq: 380.0125 MHz, Power: 5.7Watts (channel spacing 12.5kHz) (Not for FCC Review)

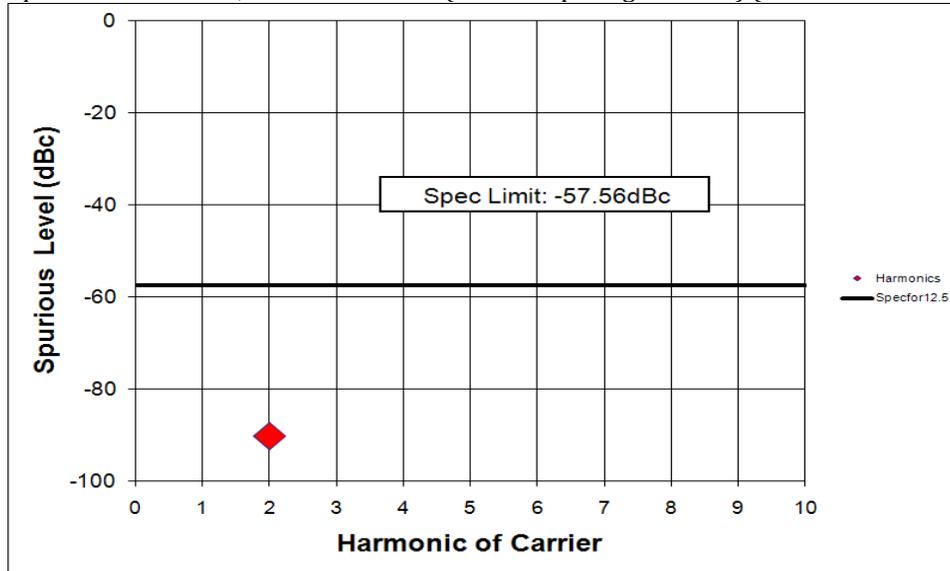


Exhibit 6G-1

Freq: 406.1125 MHz, Power: 5.7Watts (channel spacing 12.5kHz)

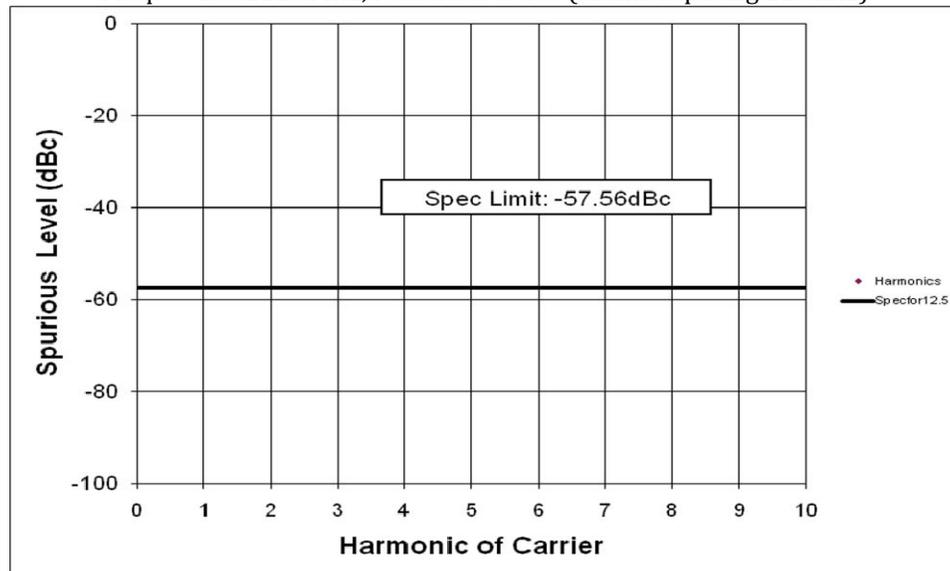


Exhibit 6G-2

Freq: 429.9875 MHz, Power: 5.7Watts (channel spacing 12.5kHz)

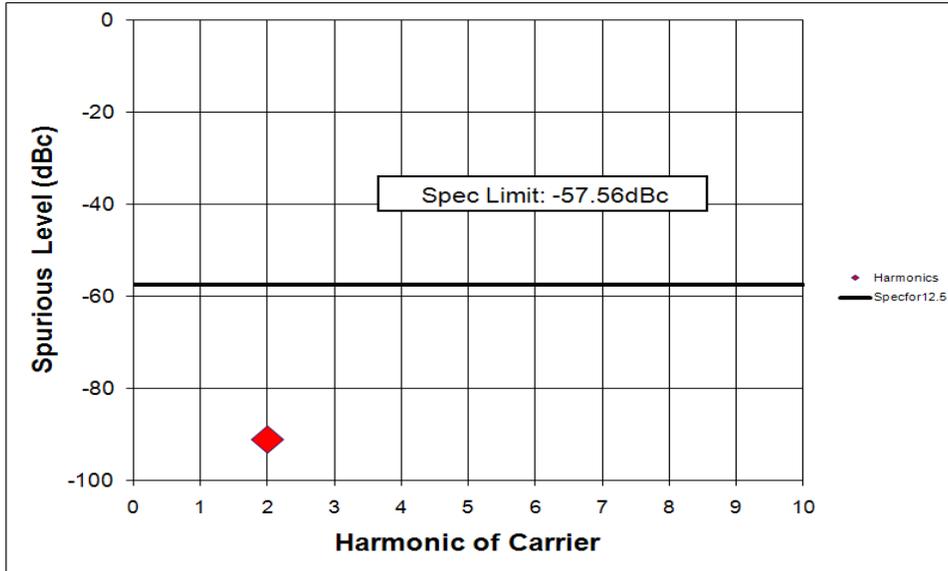


Exhibit 6G-3

Freq: 469.9875 MHz, Power: 5.7Watts (channel spacing 12.5kHz)

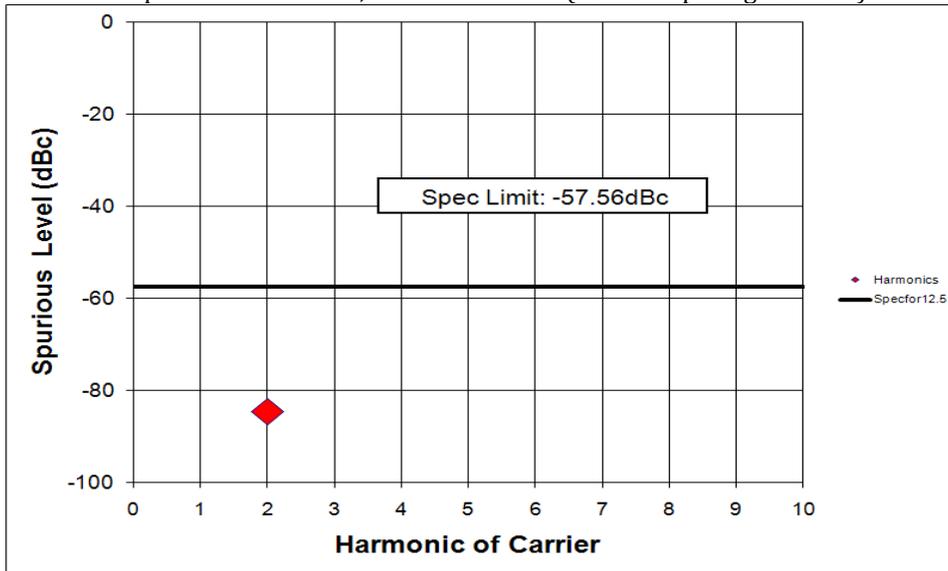


Exhibit 6G-4

Freq: 380.0125 MHz, Power: 5.7Watts (channel spacing 25kHz) (Not for FCC Review)

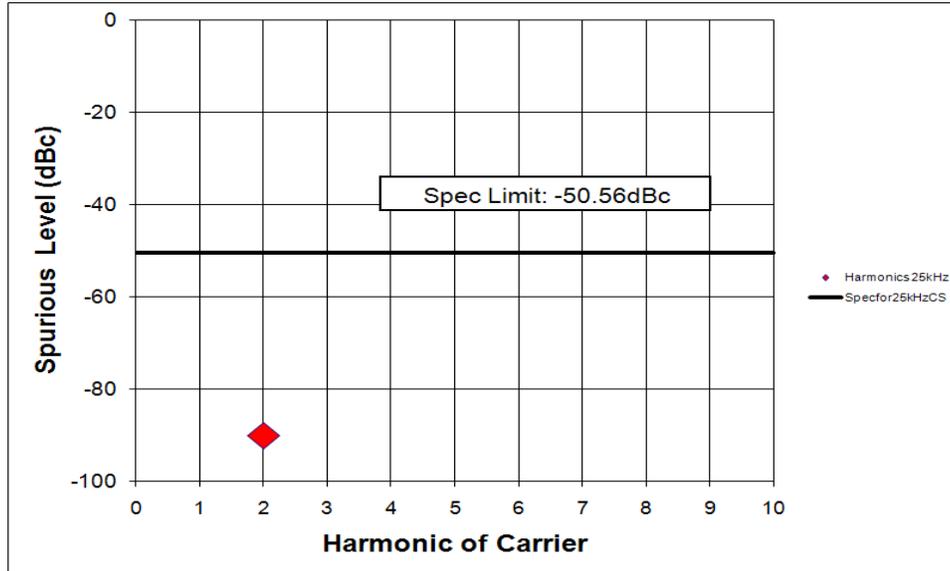


Exhibit 6G-5

Freq: 406.1125 MHz, Power: 5.7Watts (channel spacing 25kHz) (Not for FCC Review)

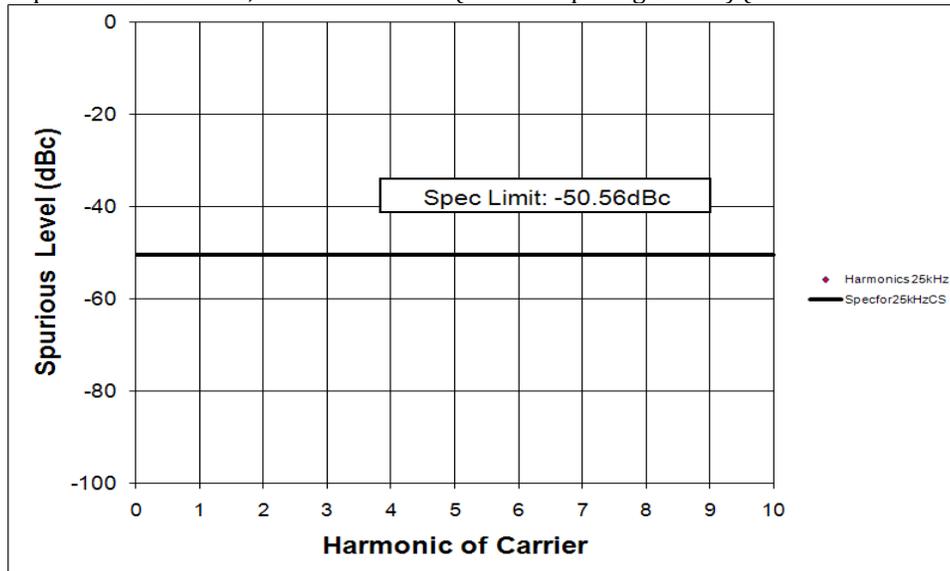


Exhibit 6G-6

Freq: 429.9875 MHz, Power: 5.7Watts (channel spacing 25kHz) (Not for FCC Review)

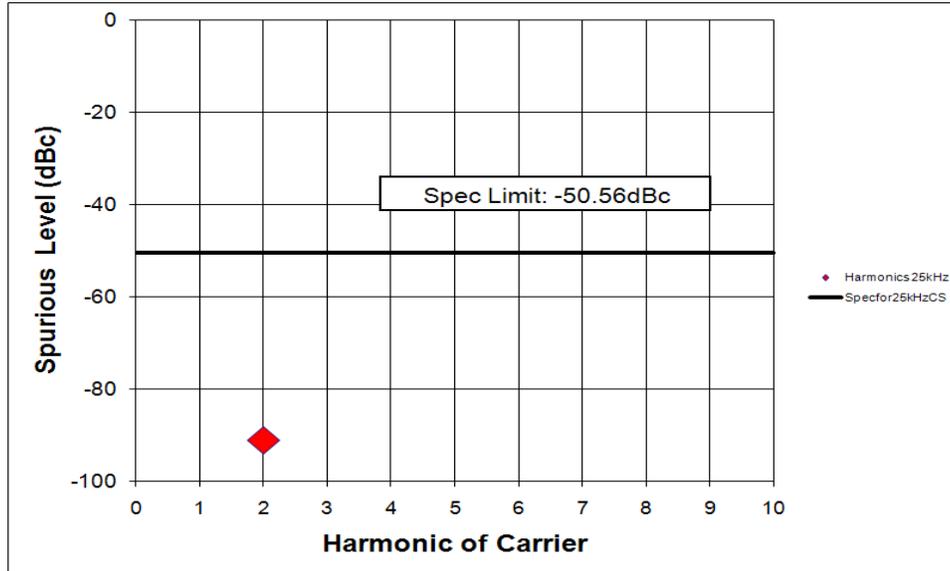


Exhibit 6G-7

Freq: 469.9875 MHz, Power: 5.7Watts (channel spacing 25kHz) (Not for FCC Review)

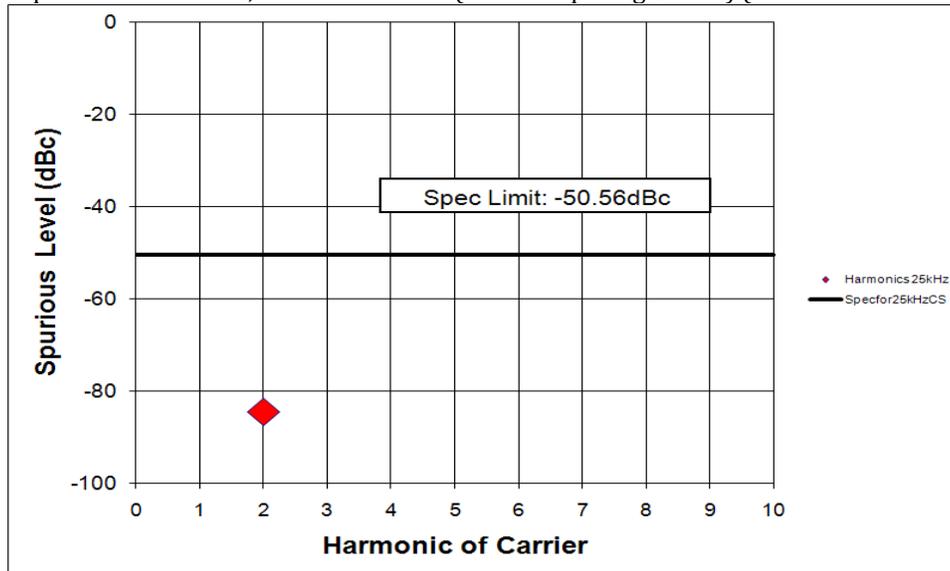


Exhibit 6G-8

EXHIBIT 6H

Frequency Stability - Pursuant 47 CFR 2.1055 and 2.1033(c)(13)

Frequency Stability (429.9875 MHz) vs. Supply Voltage

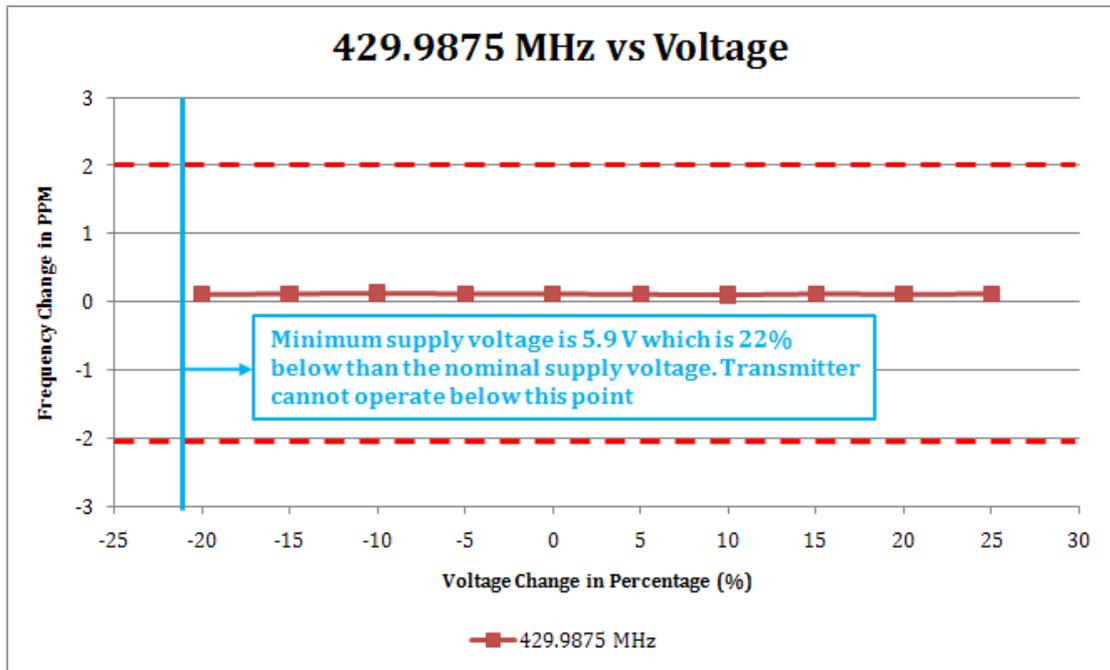


Exhibit 6H-1

Frequency Stability (429.9875 MHz) vs. Temperature

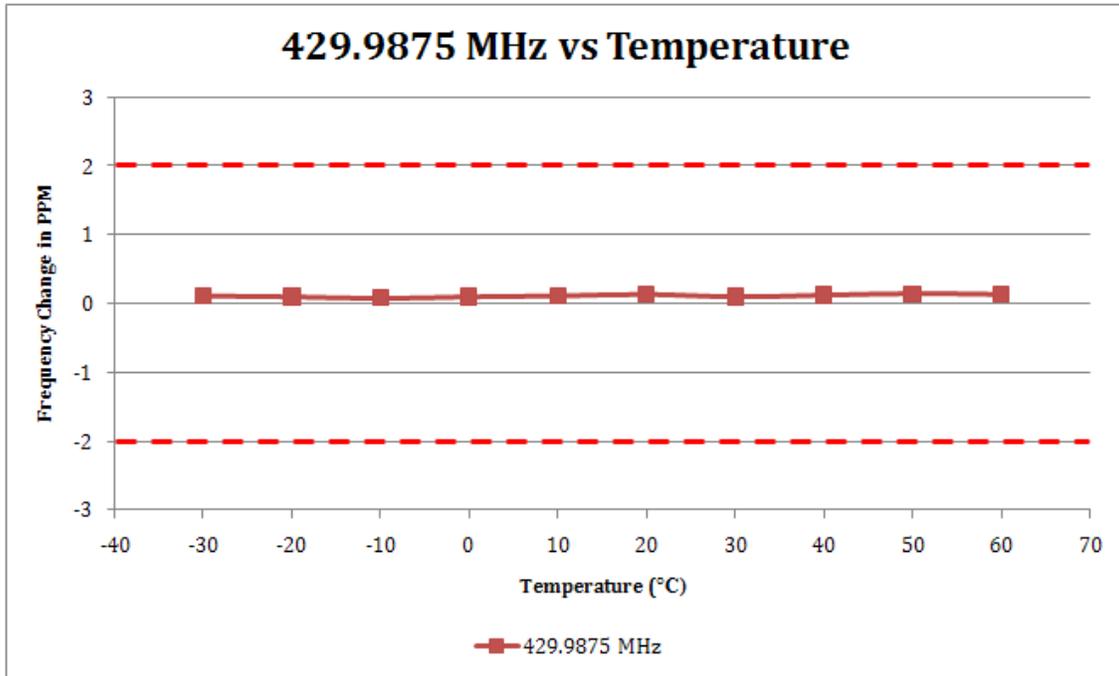


Exhibit 6H-2

EXHIBIT 6I
Transient Frequency Behavior

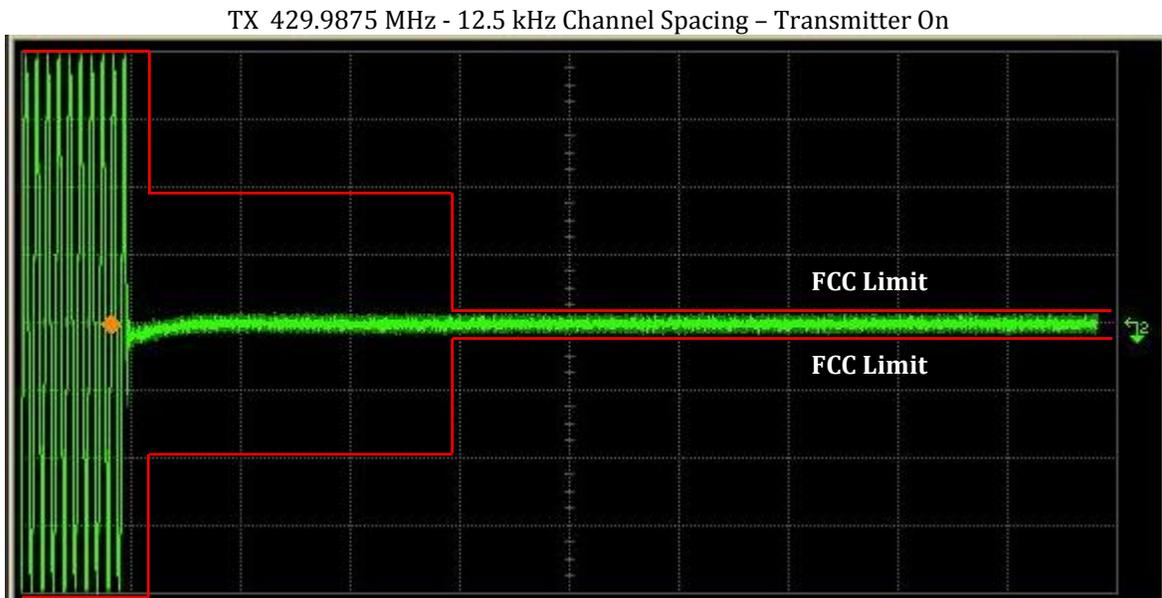


Exhibit 6I-1

TX 429.9875 MHz - 12.5 kHz Channel Spacing - Transmitter Off

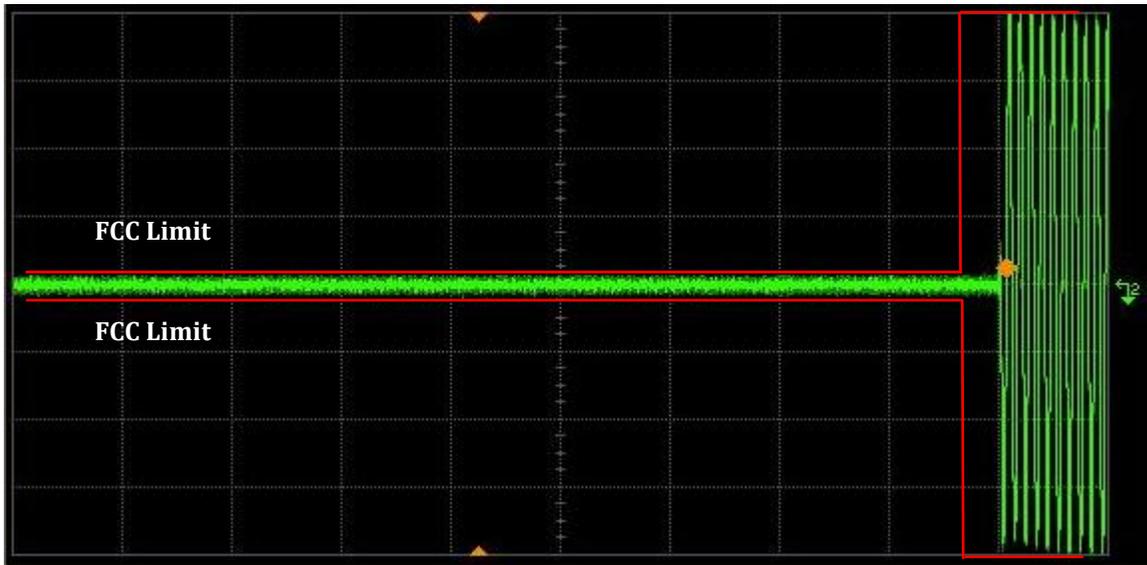


Exhibit 6I-2

TX 429.9875 MHz - 25 kHz Channel Spacing - Transmitter On (Not for FCC Review)

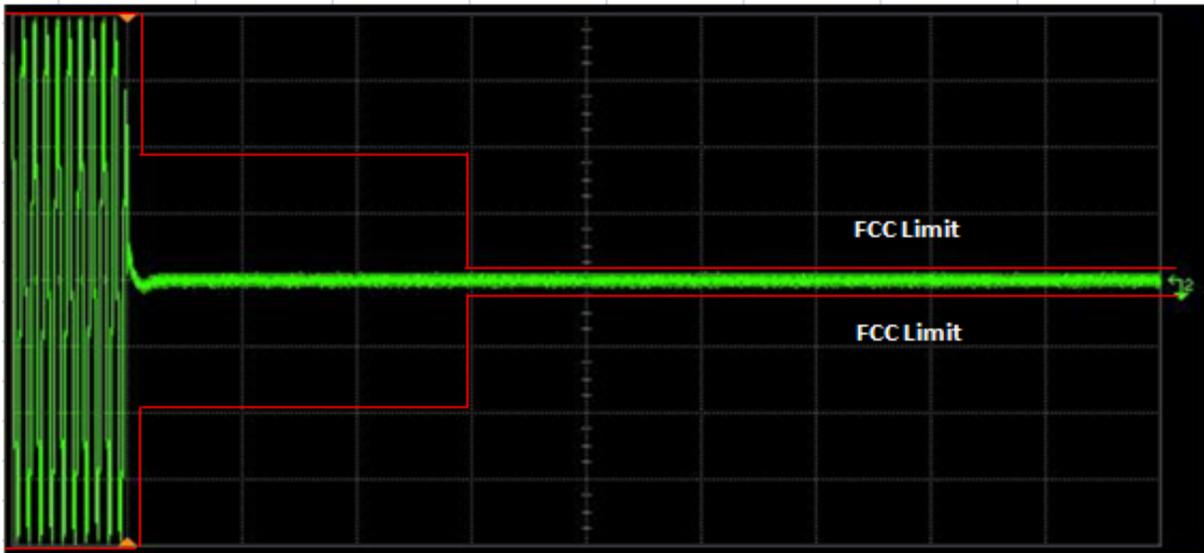


Exhibit 6I-3

TX 429.9875 MHz - 25 kHz Channel Spacing - Transmitter Off (Not for FCC Review)

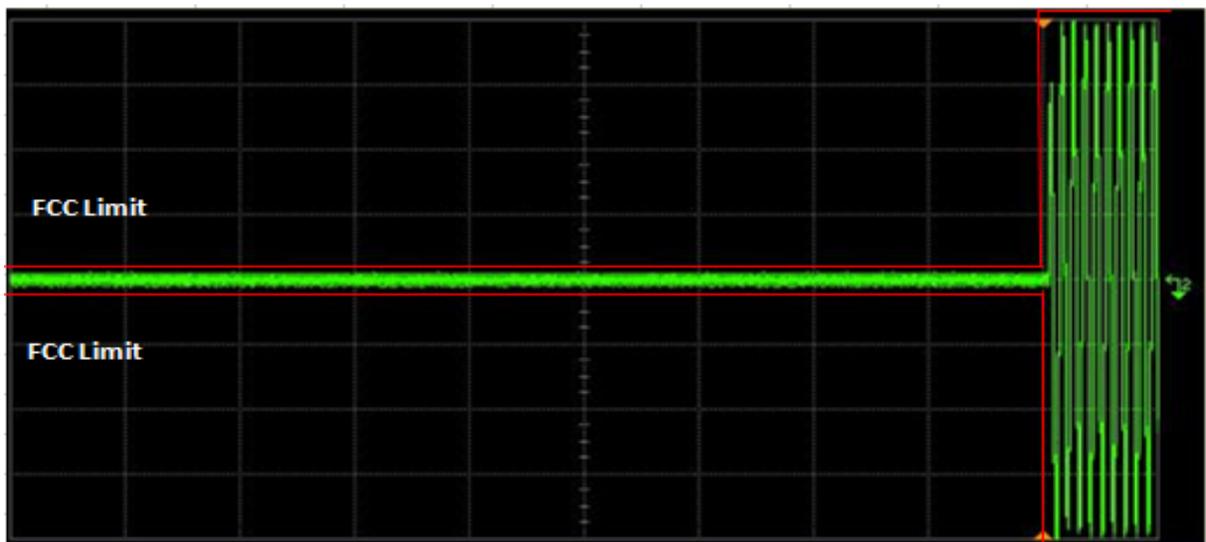


Exhibit 6I-4