

EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

EXHIBIT 6A – RF Power Output

EXHIBIT 6B – Audio Frequency Response

- 6B-1 –425.025 MHz, 12.5 kHz Channel Spacing
- 6B-2 –775.9875 MHz, 12.5 kHz Channel Spacing
- 6B-3 –858.9875 MHz, 12.5 kHz Channel Spacing
- 6B-4 –425.025 MHz, 25 kHz Channel Spacing
- 6B-5 –775.9875 MHz, 25 kHz Channel Spacing
- 6B-6 –858.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6C – Audio Low Pass Filter Response

- 6C-1 –425.025 MHz, 12.5 kHz Channel Spacing
- 6C-2 –775.9875 MHz, 12.5 kHz Channel Spacing
- 6C-3 –858.9875 MHz, 12.5 kHz Channel Spacing
- 6C-4 –425.025 MHz, 25 kHz Channel Spacing
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- 6C-6 –858.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6D – Modulation Limiting

- 6D-1 –425.025 MHz, 12.5 kHz Channel Spacing
- 6D-2 –775.9875 MHz, 12.5 kHz Channel Spacing
- 6D-3 –858.9875 MHz, 12.5 kHz Channel Spacing
- 6D-4 –425.025 MHz, 25 kHz Channel Spacing
- 6D-5 –775.9875 MHz, 25 kHz Channel Spacing
- 6D-6 –858.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6E – Occupied Bandwidth

- 6E-1 –425.025 MHz, 12.5 kHz Channel Spacing (Analog Voice)
- 6E-2 –775.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice)
- 6E-3 –858.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice)
- 6E-4 –425.025 MHz, 25 kHz Channel Spacing (Analog Voice)
- 6E-5 –775.9875 MHz, 25 kHz Channel Spacing (Analog Voice)
- 6E-6 –858.9875 MHz, 25 kHz Channel Spacing (Analog Voice)
- 6E-7 –425.025 MHz, 12.5 kHz Channel Spacing (Digital Data)
- 6E-8 –775.9875 MHz, 12.5 kHz Channel Spacing (Digital Data)
- 6E-9 –858.9875 MHz, 12.5 kHz Channel Spacing (Digital Data)
- 6E-10 –425.025 MHz, 12.5 kHz Channel Spacing (Digital Voice)
- 6E-11 –775.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice)
- 6E-12 –858.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice)
- 6E-13 –425.025 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
- 6E-14 –775.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
- 6E-15 –858.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
- 6E-16 –425.025 MHz, (Digital Voice Encryption)
- 6E-17 –775.9875 MHz, (Digital Voice Encryption)
- 6E-18 –858.9875 MHz, (Digital Voice Encryption)

EXHIBIT 6F – Adjacent Channel Coupled Power Ratio

- 6F-1 - 794.0125 MHz, Analog 12.5 kHz Channel Spacing
- 6F-2 - 794.0125 MHz, Analog 25 kHz Channel Spacing
- 6F-3 - 794.0125 MHz, Analog DES-XL 25 kHz Channel Spacing
- 6F-4 - 794.0125 MHz, APCO 12.5 kHz Channel Spacing , Digital Data
- 6F-5 - 794.0125 MHz, APCO 12.5 kHz Channel Spacing , Digital Voice

6F-6 - 794.0125 MHz, APCO 12.5 kHz Channel Spacing , Digital TDMA

EXHIBIT 6G – Radiated Spurious Emissions

- 6G-1 - High Power 380.075 MHz, 25 kHz Channel Spacing
- 6G-2 - High Power 424.975 MHz, 25 kHz Channel Spacing
- 6G-3 - High Power 469.975 MHz, 25 kHz Channel Spacing
- 6G-4 - High Power 764.1025 MHz, 25 kHz Channel Spacing
- 6G-5 - High Power 775.9875 MHz, 25 kHz Channel Spacing
- 6G-6 - High Power 794.0125 MHz, 25 kHz Channel Spacing
- 6G-7 - High Power 823.9875 MHz, 25 kHz Channel Spacing
- 6G-8 - High Power 851.0125 MHz, 25 kHz Channel Spacing
- 6G-9 - High Power 869.8875 MHz, 25 kHz Channel Spacing

EXHIBIT 6H – 1559-1605MHz Radiated Emissions (GNSS)

EXHIBIT 6I – Conducted Spurious Emissions

- 6I-1 - High Power 380.075 MHz, 25 kHz Channel Spacing
- 6I-2 - High Power 424.975 MHz, 25 kHz Channel Spacing
- 6I-3 - High Power 469.975 MHz, 25 kHz Channel Spacing
- 6I-4 - High Power 764.1025 MHz, 25 kHz Channel Spacing
- 6I-5 - High Power 775.9875 MHz, 25 kHz Channel Spacing
- 6I-6 - High Power 794.0125 MHz, 25 kHz Channel Spacing
- 6I-7 - High Power 823.9875 MHz, 25 kHz Channel Spacing
- 6I-8 - High Power 851.0125 MHz, 25 kHz Channel Spacing
- 6I-9 - High Power 869.8875 MHz, 25 kHz Channel Spacing

EXHIBIT 6J – Power Line Conducted Emissions

- 6J-1 – Line1
- 6J-2 – Line2

EXHIBIT 6K – Frequency Stability (Volt/Temp)

- 6K-1 – 425.025 MHz vs. Supply Voltage
- 6K-2 – 775.9875 MHz vs. Supply Voltage
- 6K-3 – 851.0125 MHz vs. Supply Voltage
- 6K-4 – 425.025 MHz vs. Temperatures
- 6K-5 – 775.9875 MHz vs. Temperatures
- 6K-6 – 851.0125 MHz vs. Temperatures

EXHIBIT 6I – Transient Frequency Behavior

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 425.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.19 Amps
Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.67 Amps
Output RF power	5.7 Watts
DC Voltage	7.50 Volts
DC Current	2.19 Amps

Frequency 775.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.94 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.27 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.56 Amps

Frequency 858.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.88 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.19 Amps
Output RF power	3.6 Watts
DC Voltage	7.50 Volts
DC Current	1.64 Amps

EXHIBIT 6B

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

Audio Frequency Response (Freq: 425.025 MHz, ChSp: 12.5kHz)

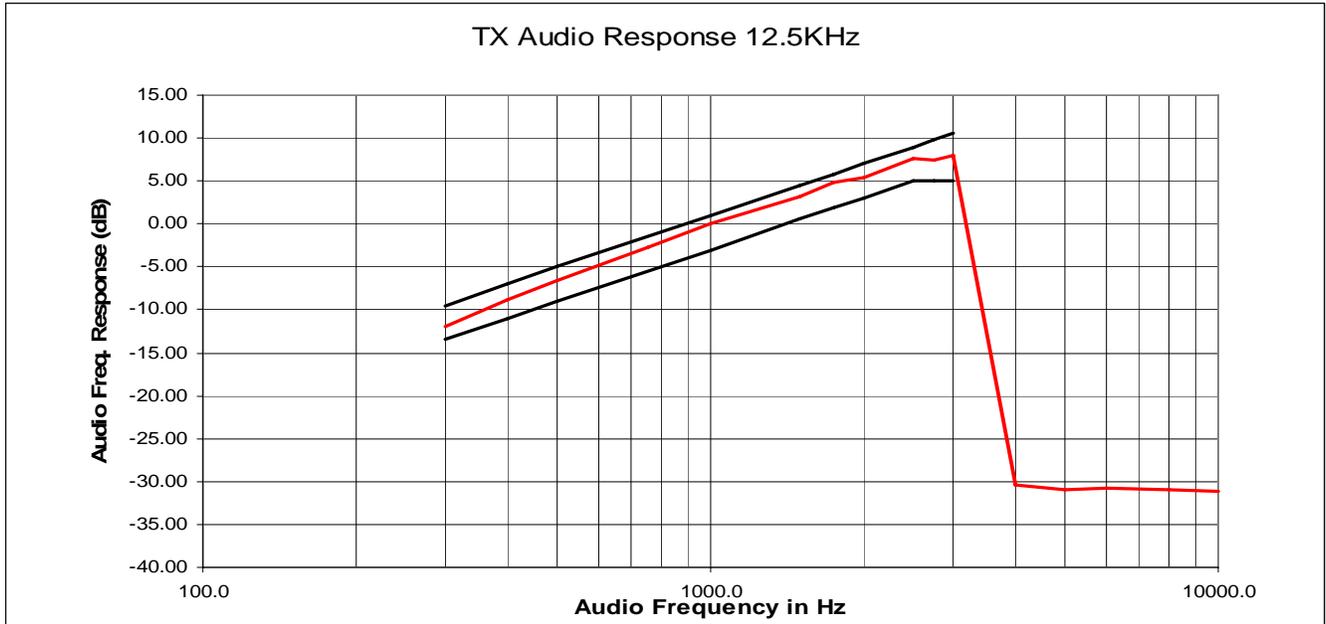


Exhibit 6B-1

Audio Frequency Response (Freq: 775.9875 MHz, ChSp: 12.5 kHz)

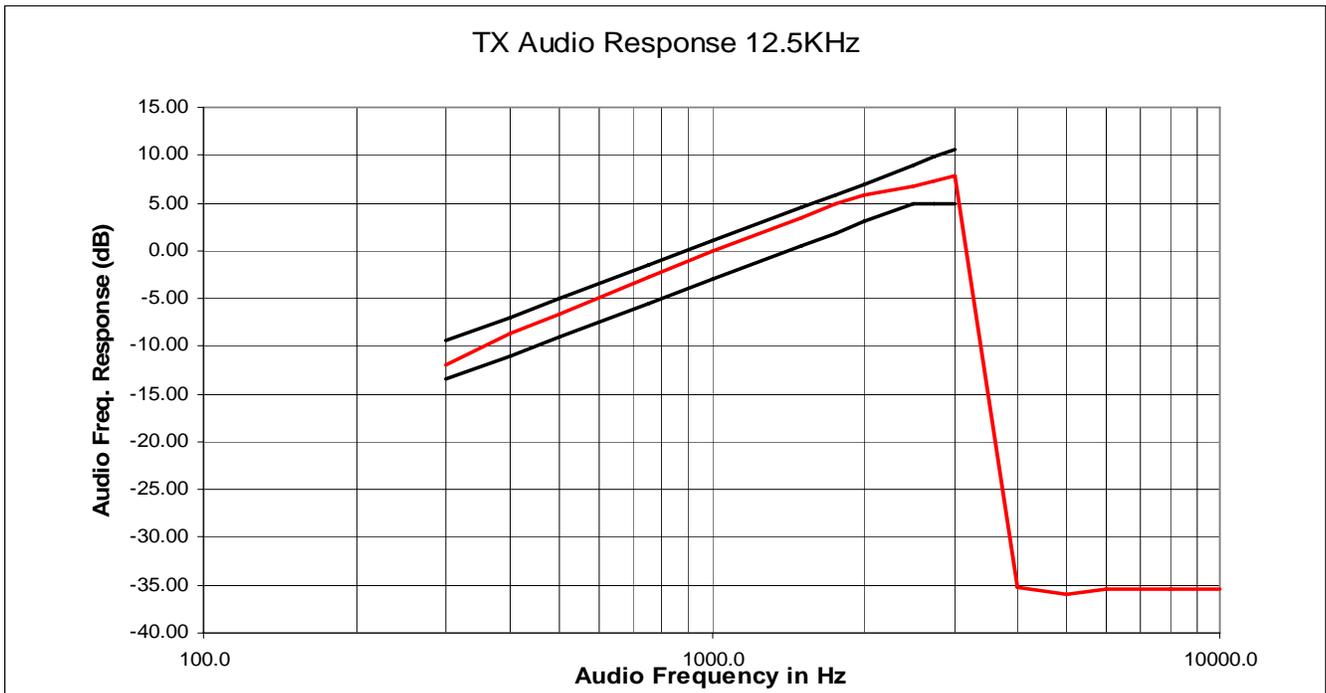


Exhibit 6B-2

Audio Frequency Response (Freq: 858.9875 MHz, ChSp: 12.5kHz)

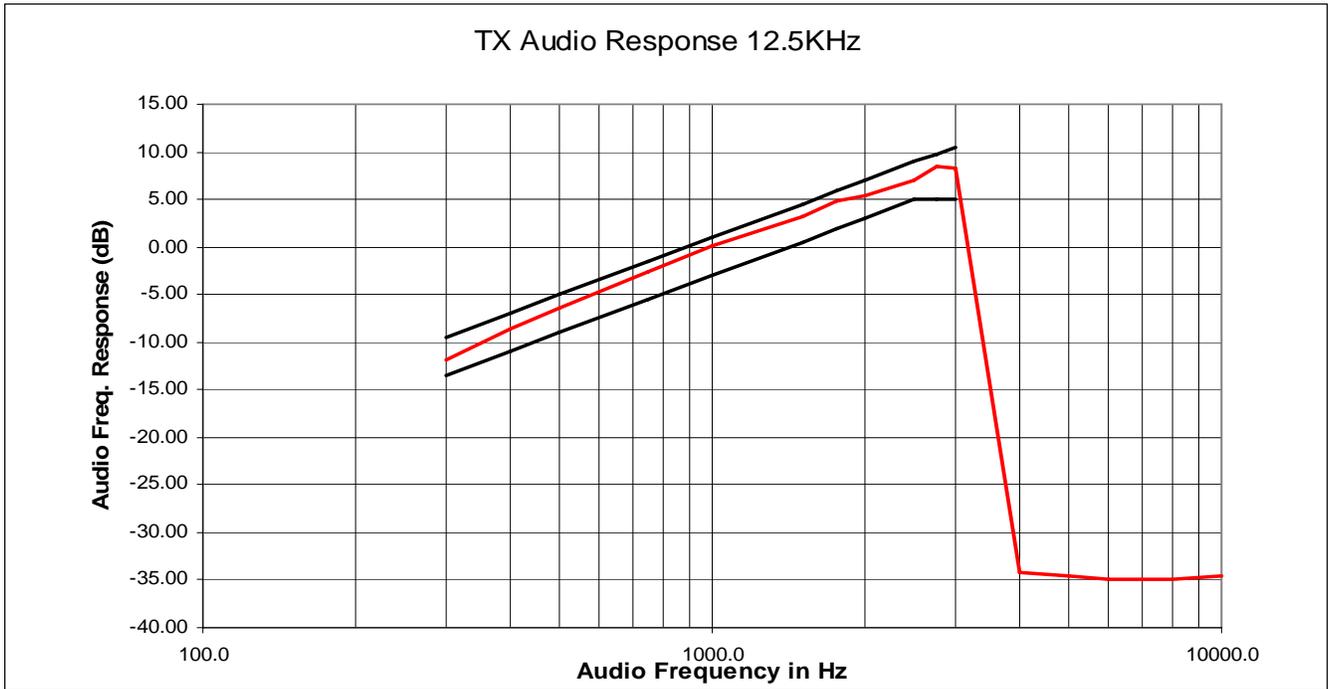


Exhibit 6B-3

Audio Frequency Response (Freq: 425.025 MHz, ChSp: 25kHz)

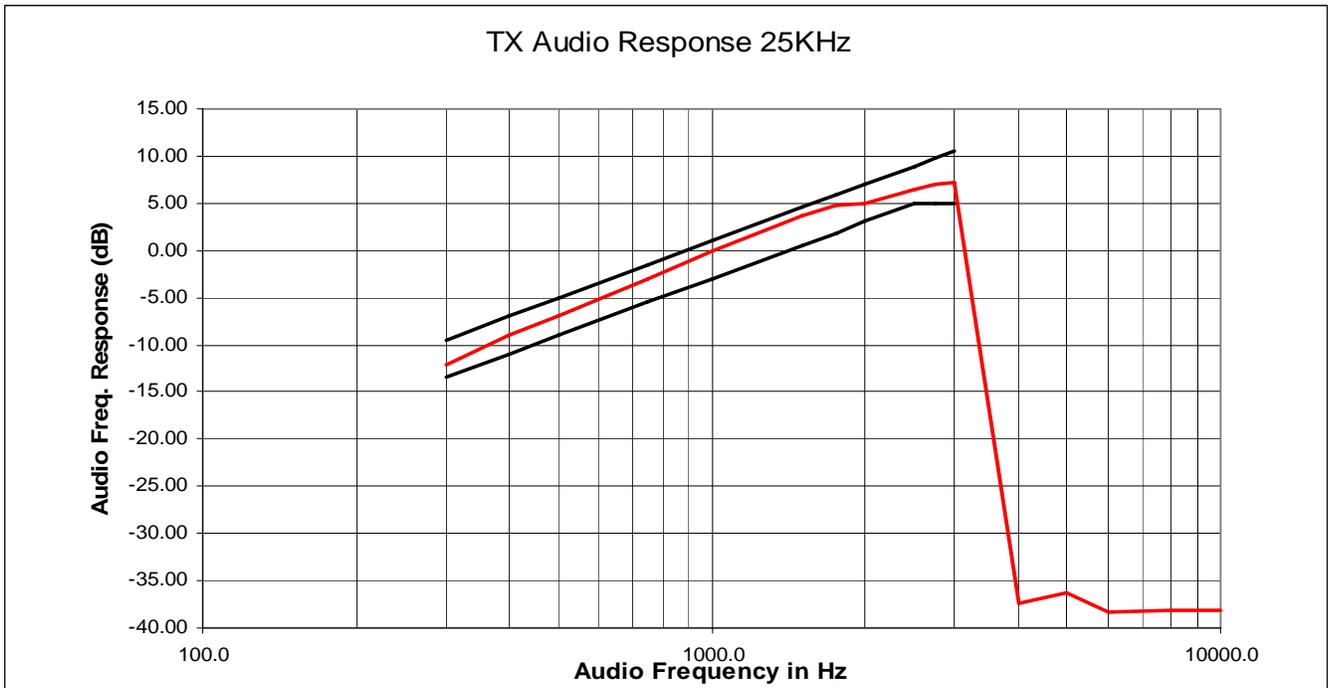


Exhibit 6B-4

Audio Frequency Response (Freq: 775.9875 MHz, ChSp: 25kHz)

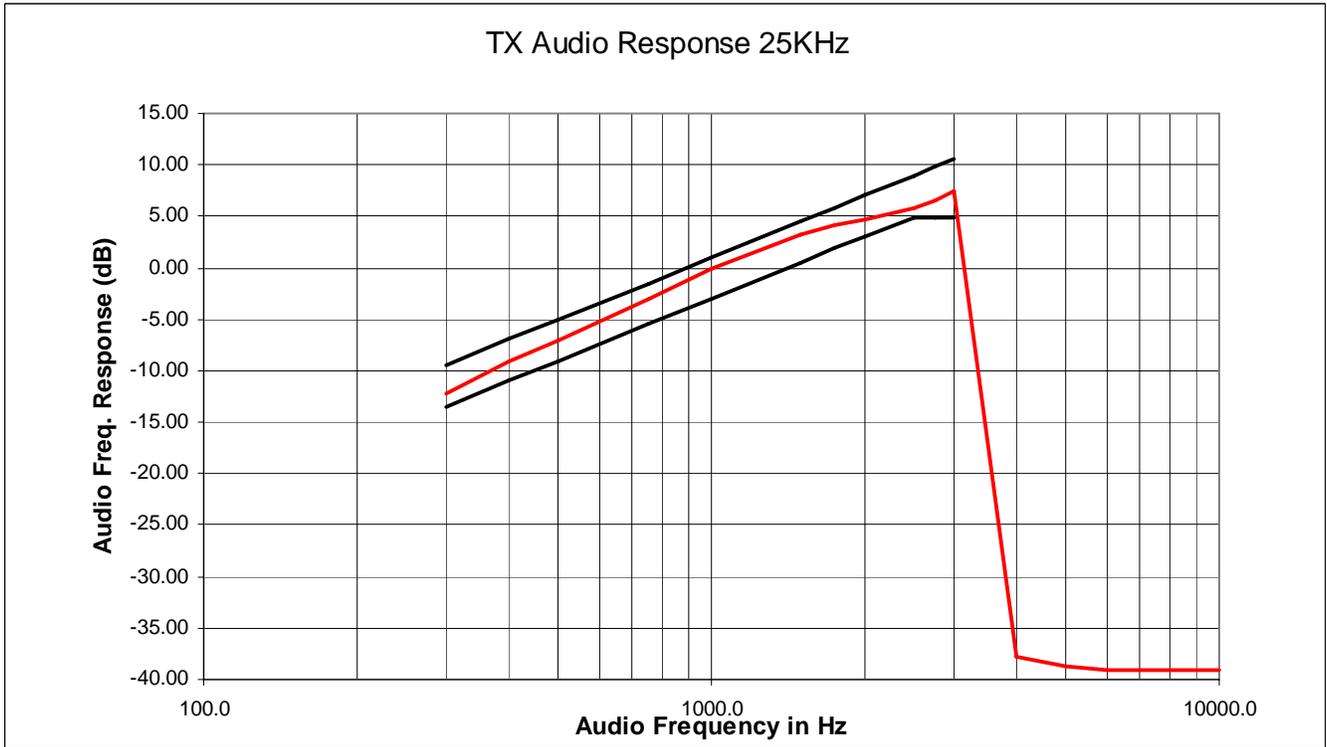
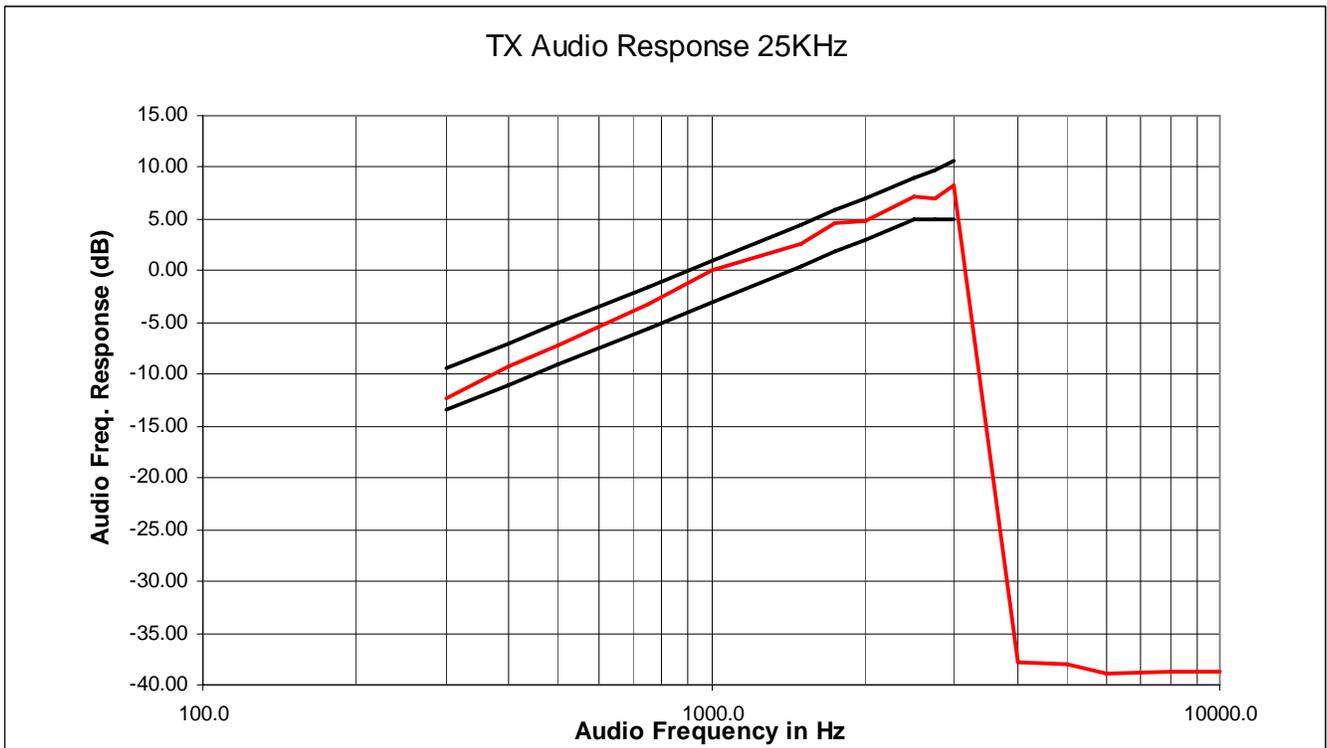


Exhibit 6B-5

Audio Frequency Response (Freq: 858.9875 MHz, ChSp: 25kHz)



Transmit Low Pass Filter Frequency Response

(Freq: 425.025 MHz, ChSp: 12.5kHz)

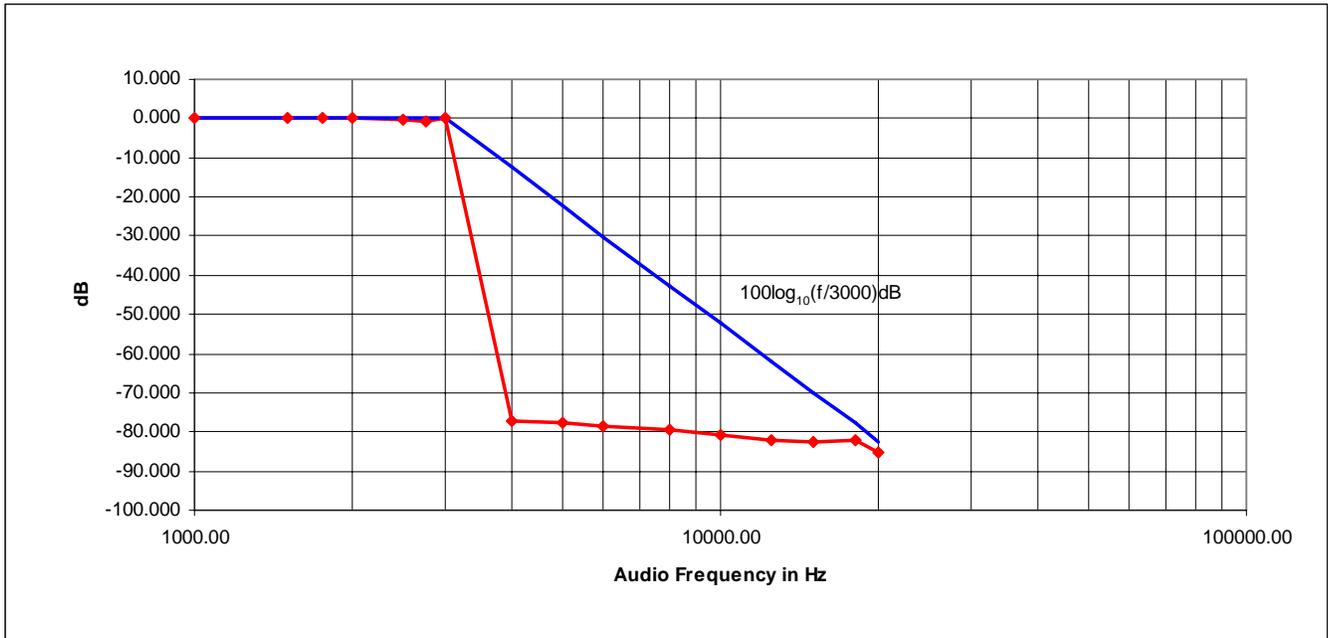


Exhibit 6C-1

Transmit Low Pass Filter Frequency Response

(Freq: 775.9875 MHz, ChSp: 12.5kHz)

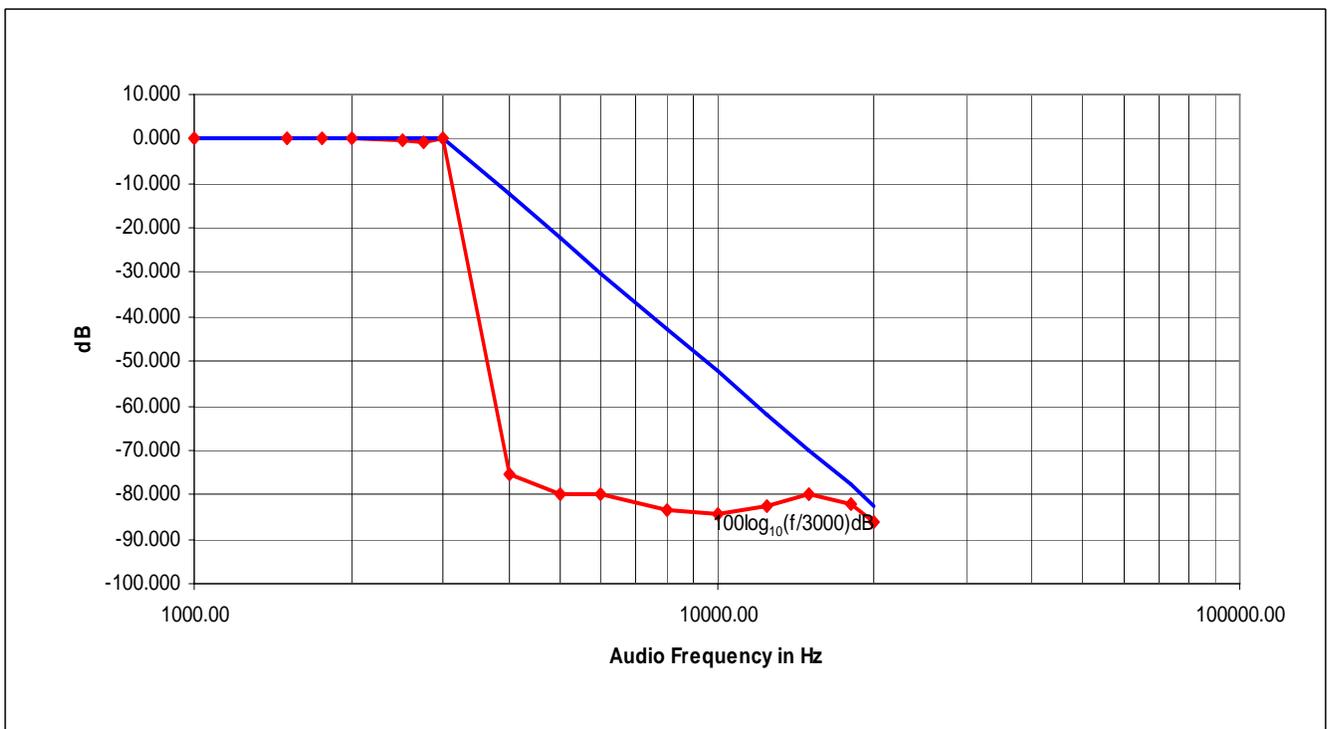


Exhibit 6C-2

Transmit Low Pass Filter Frequency Response

(Freq: 858.9875 MHz, ChSp: 12.5 kHz)

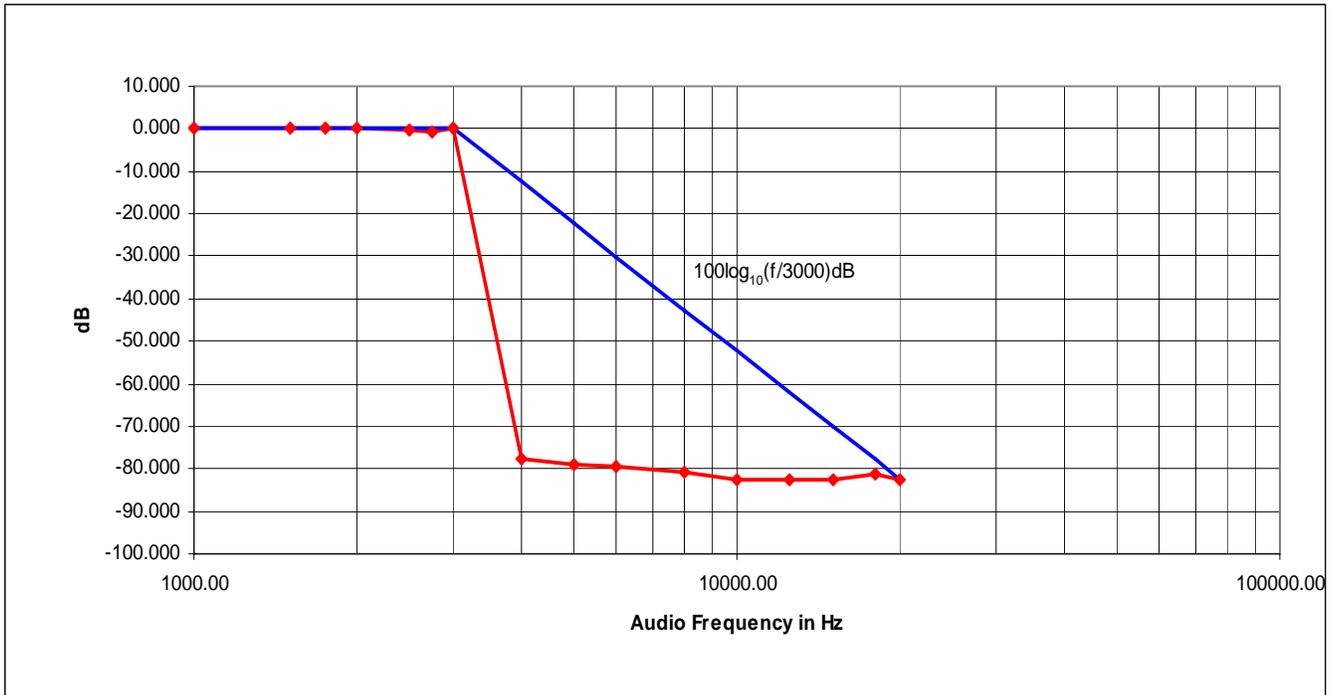


Exhibit 6C-3

Transmit Low Pass Filter Frequency Response

(Freq: 425.025 MHz, ChSp: 25kHz)

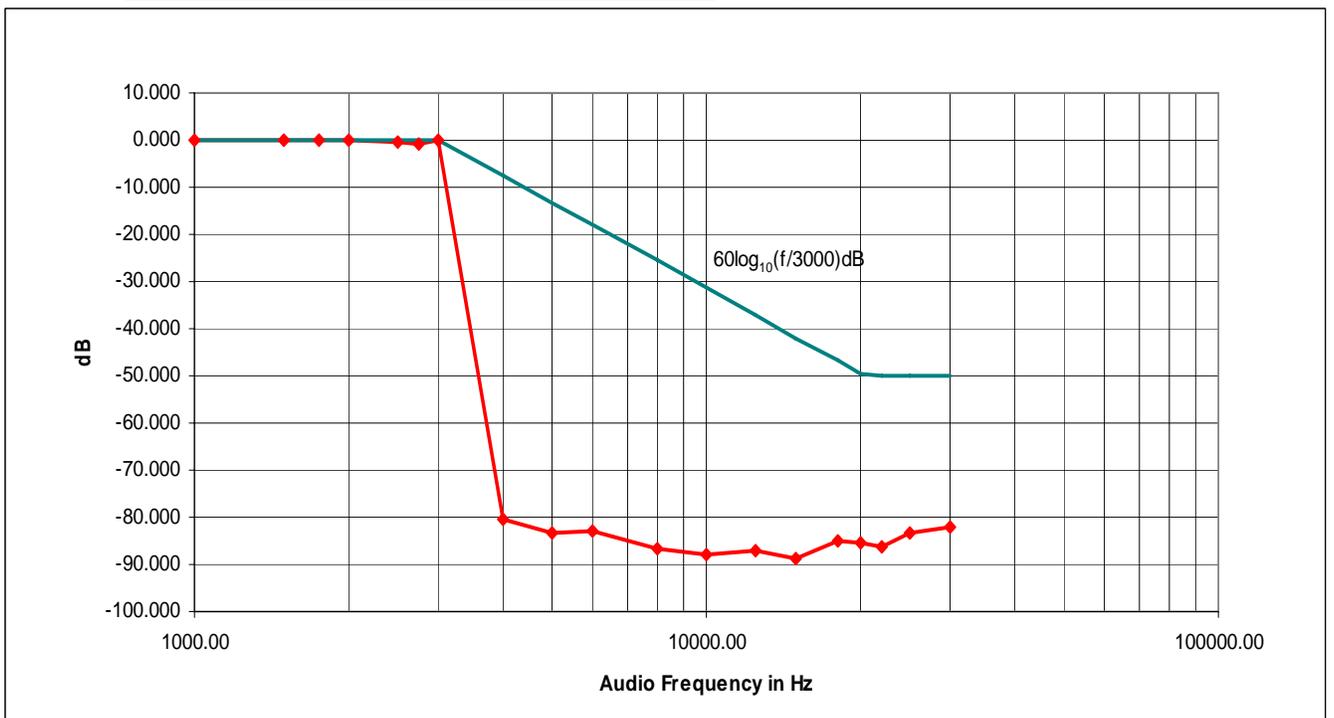


Exhibit 6C-4

Transmit Low Pass Filter Frequency Response

(Freq: 775.9875 MHz, ChSp: 25kHz)

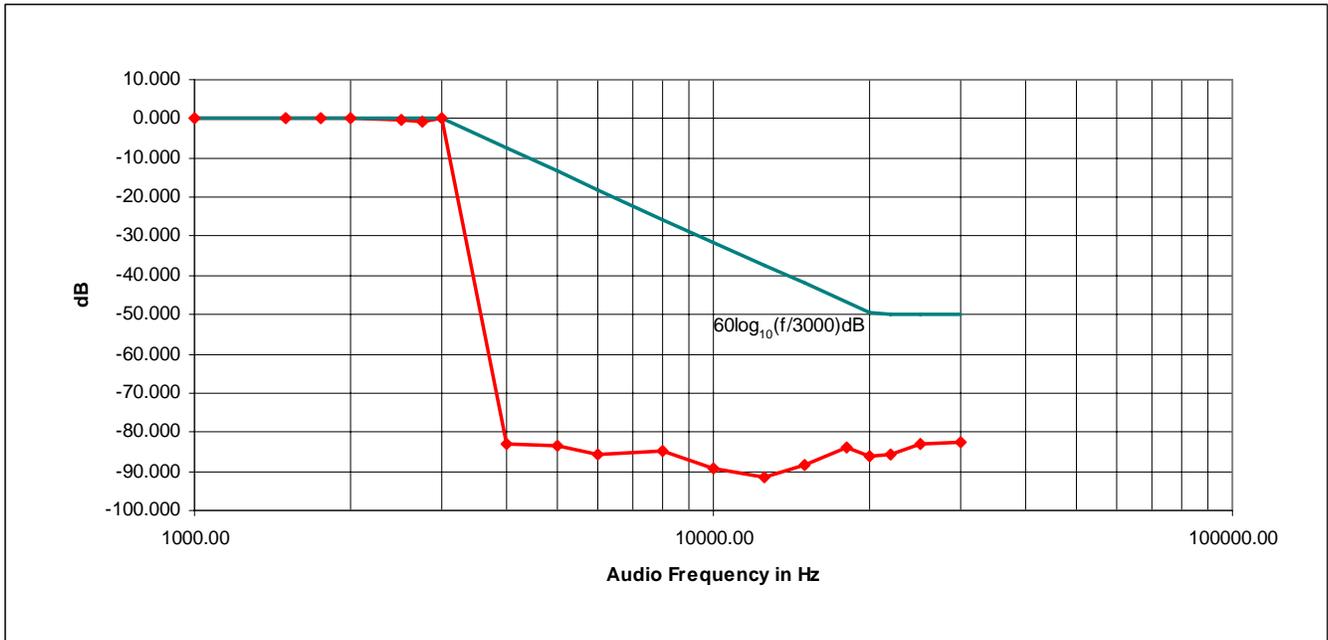


Exhibit 6C-5

Transmit Low Pass Filter Frequency Response

(Freq: 858.9875 MHz, ChSp: 25kHz)

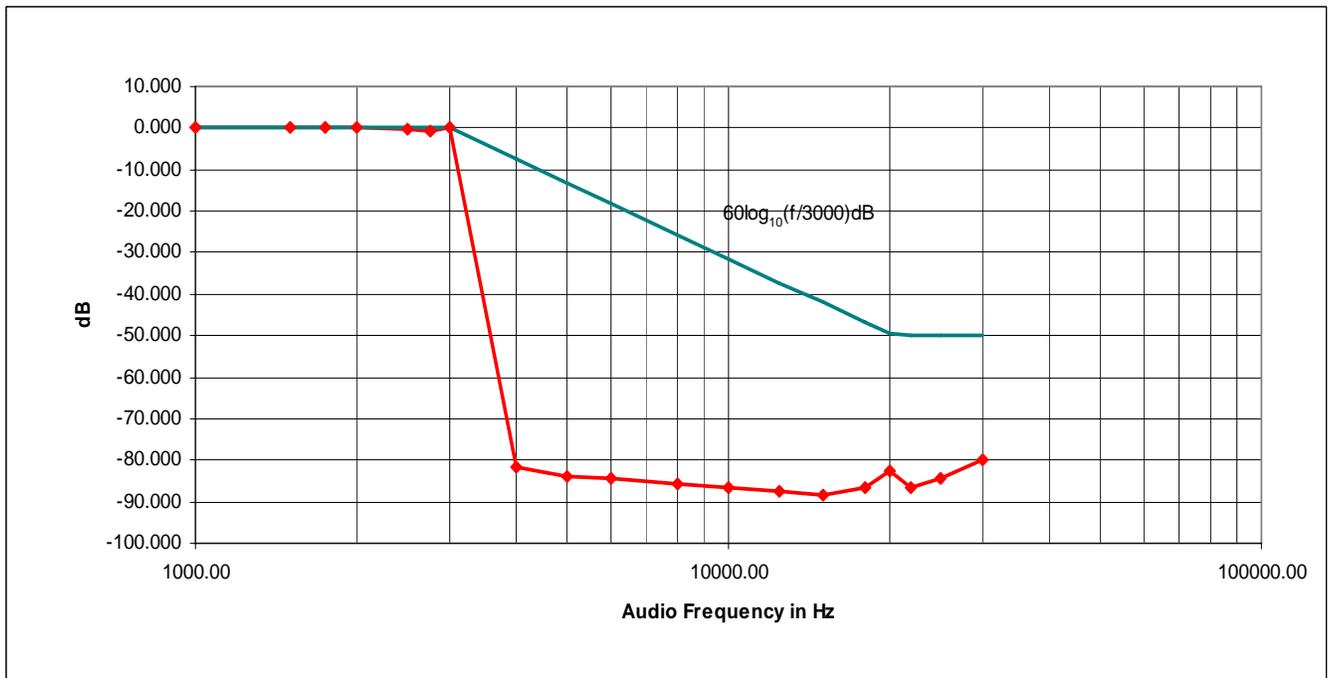


Exhibit 6C-6

EXHIBIT 6D

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

Modulation Limiting (Freq: 425.025 MHz, ChSp: 12.5kHz)

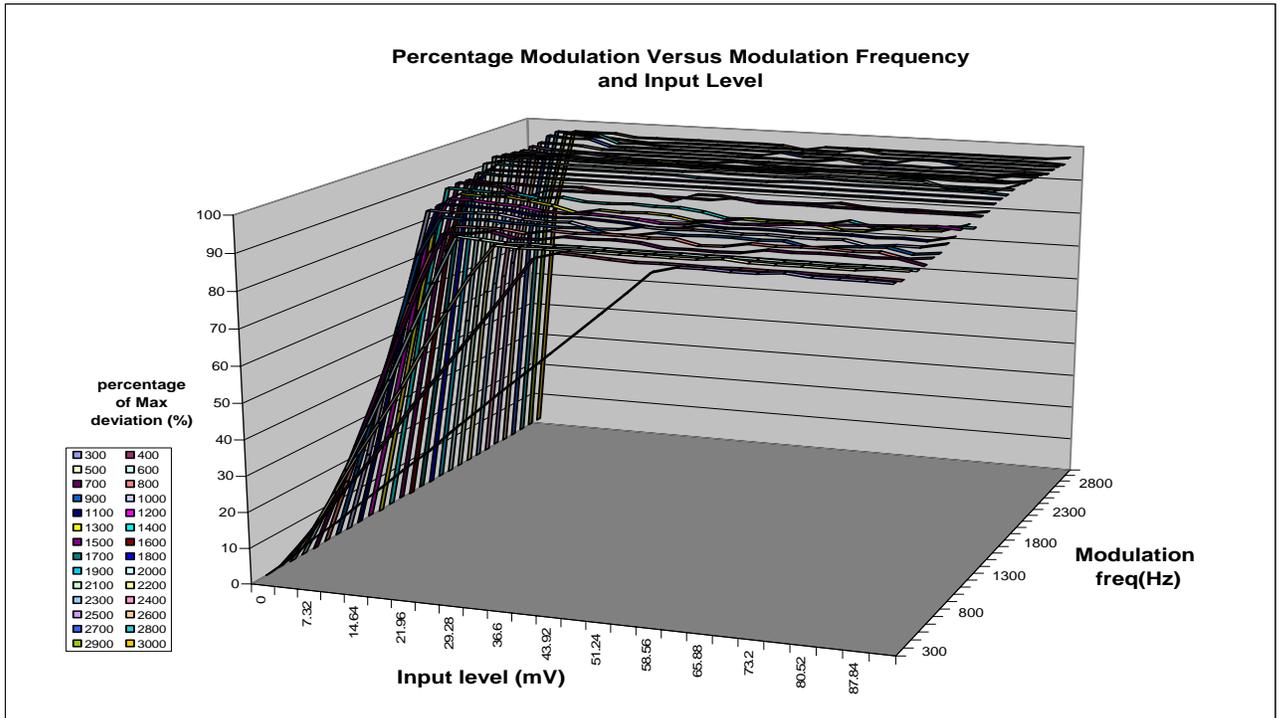


Exhibit 6D-1

Modulation Limiting (Freq: 775.9875 MHz, ChSp: 12.5kHz)

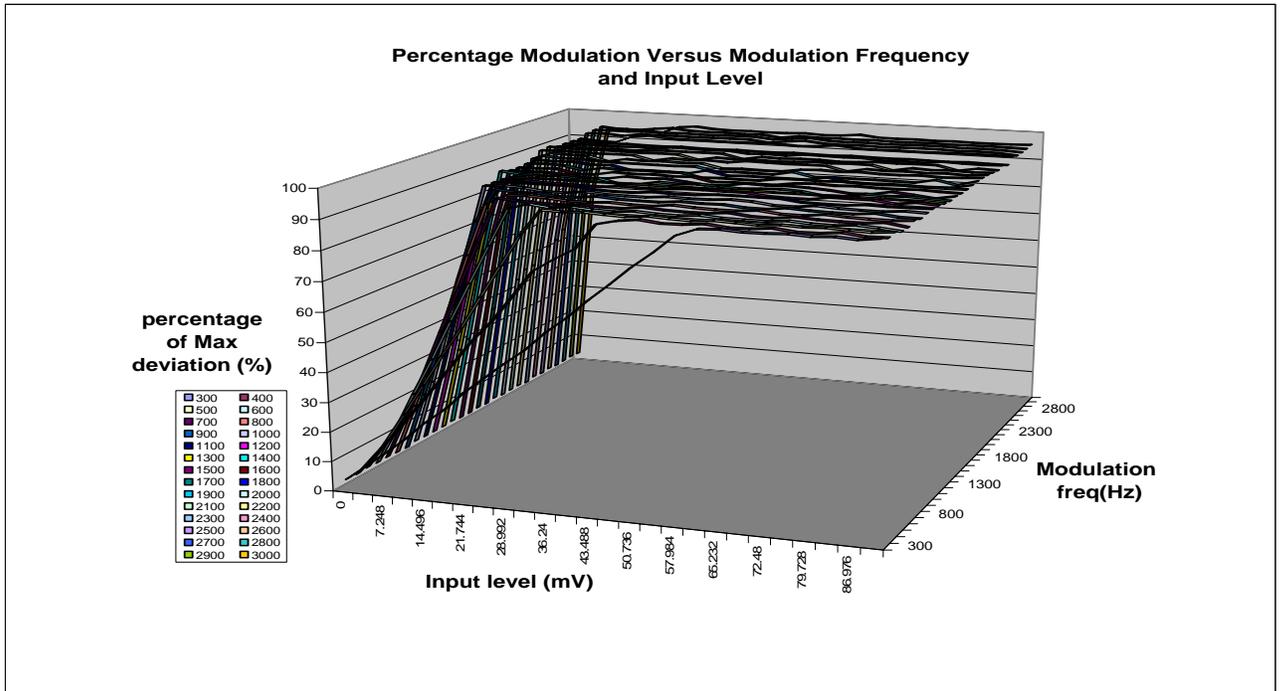


Exhibit 6D-2

Modulation Limiting (Freq: 858.9875 MHz, ChSp: 12.5kHz)

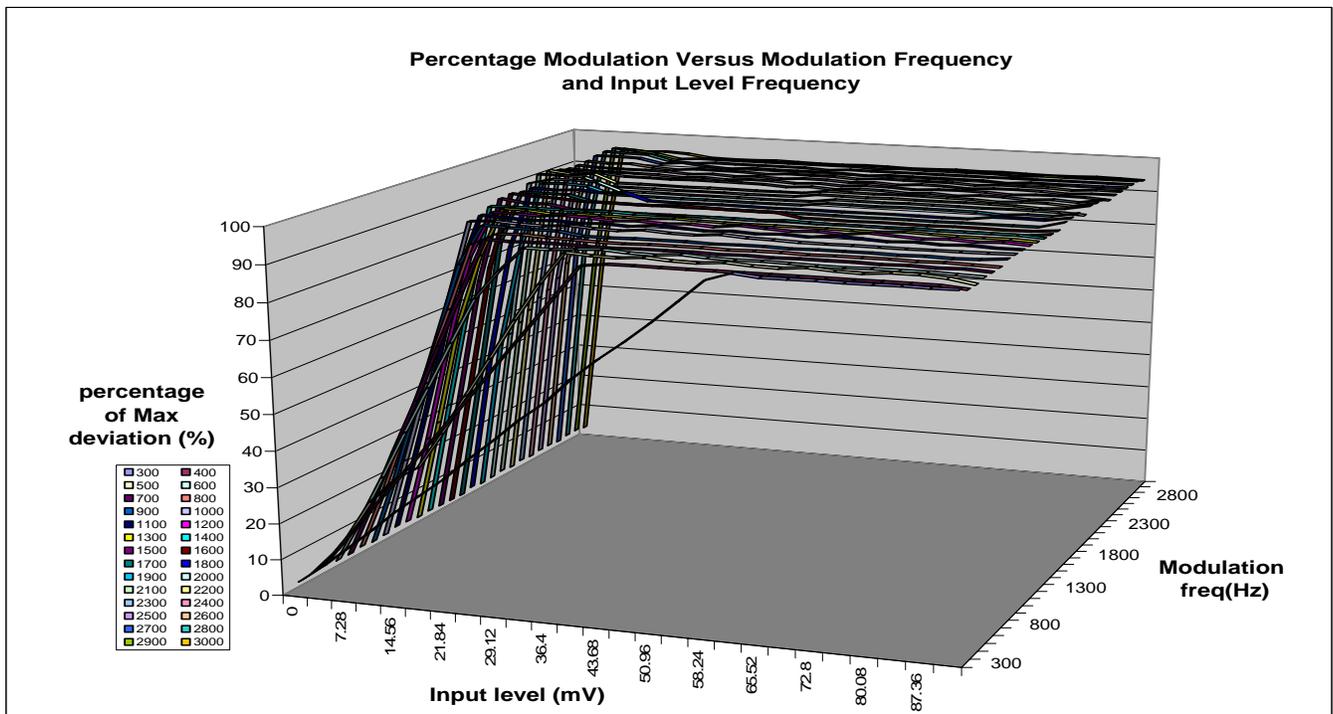


Exhibit 6D-3

Modulation Limiting (Freq: 425.025 MHz, ChSp: 25kHz)

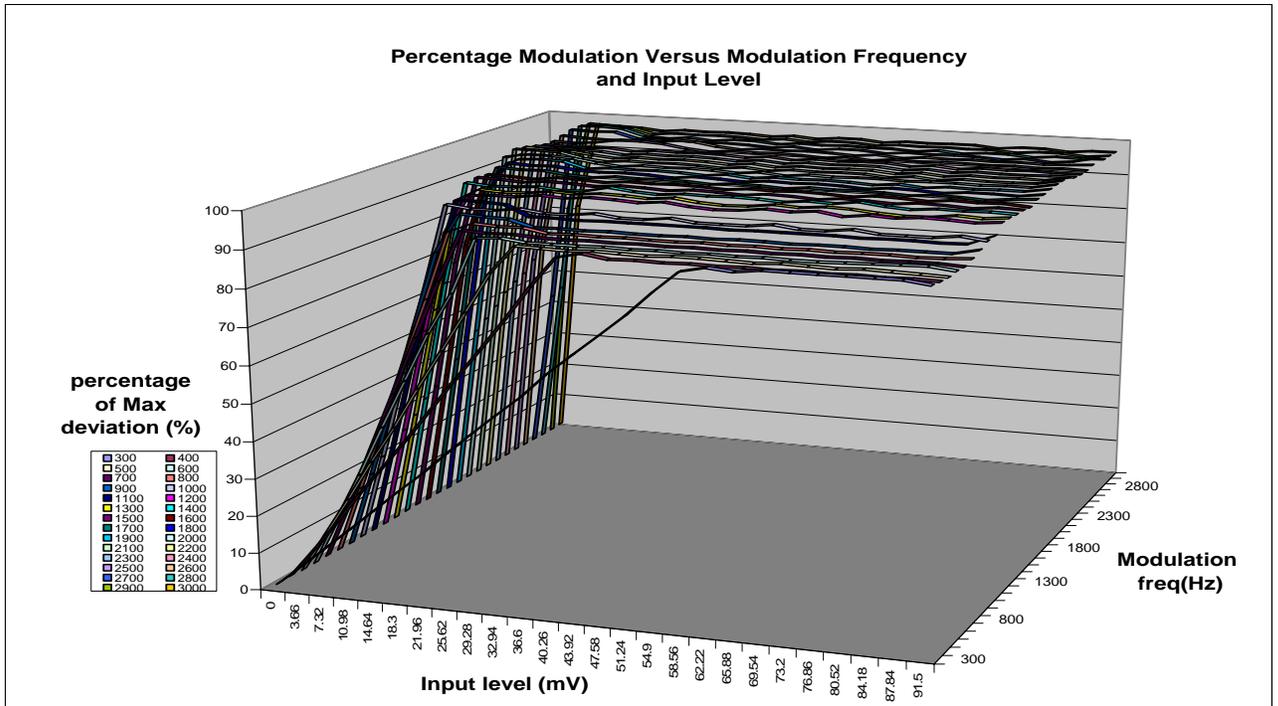


Exhibit 6D-4

Modulation Limiting (Freq: 775.9875 MHz, ChSp: 25kHz)

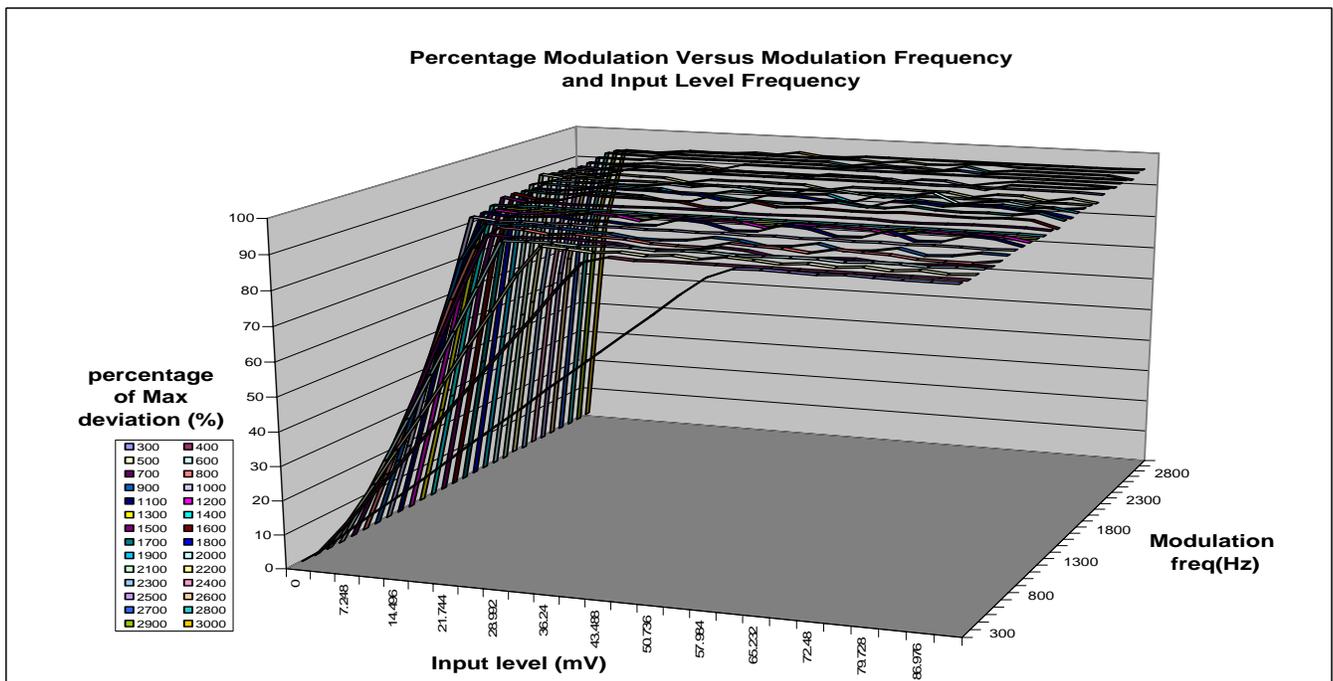


Exhibit 6D-5

Modulation Limiting (Freq: 858.9875 MHz, ChSp: 25kHz)

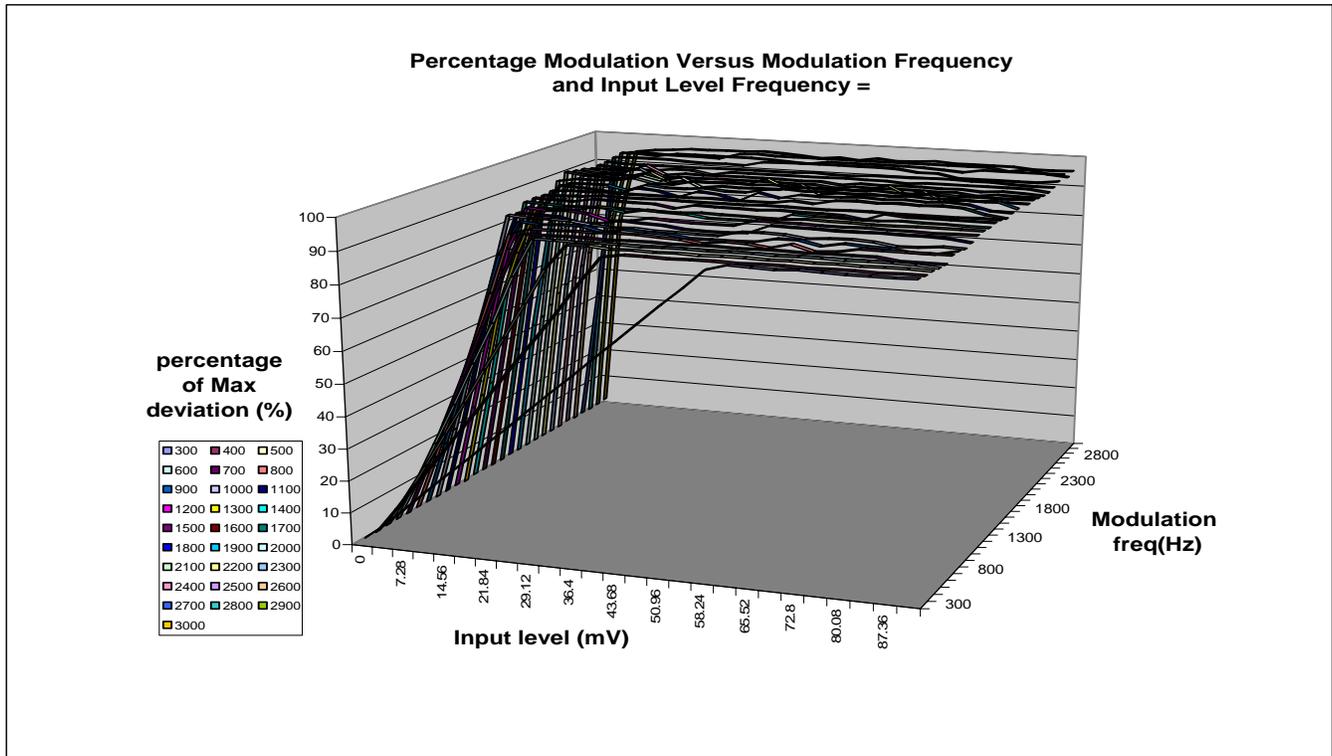


Exhibit 6D-6

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: AZ489FT7040.

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(g) and 90.691

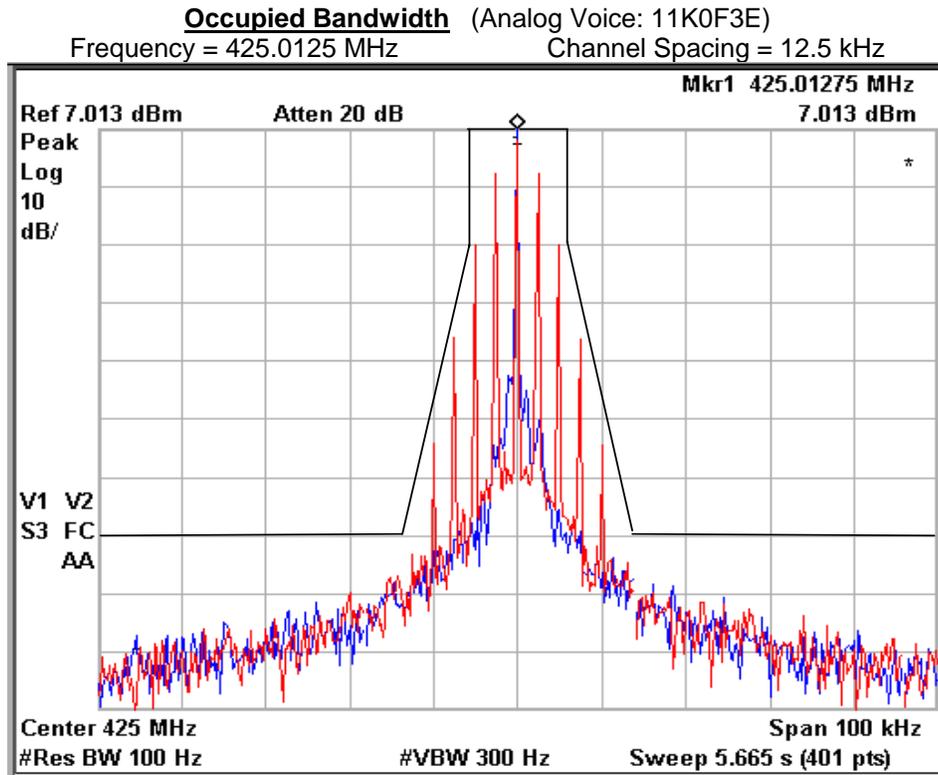
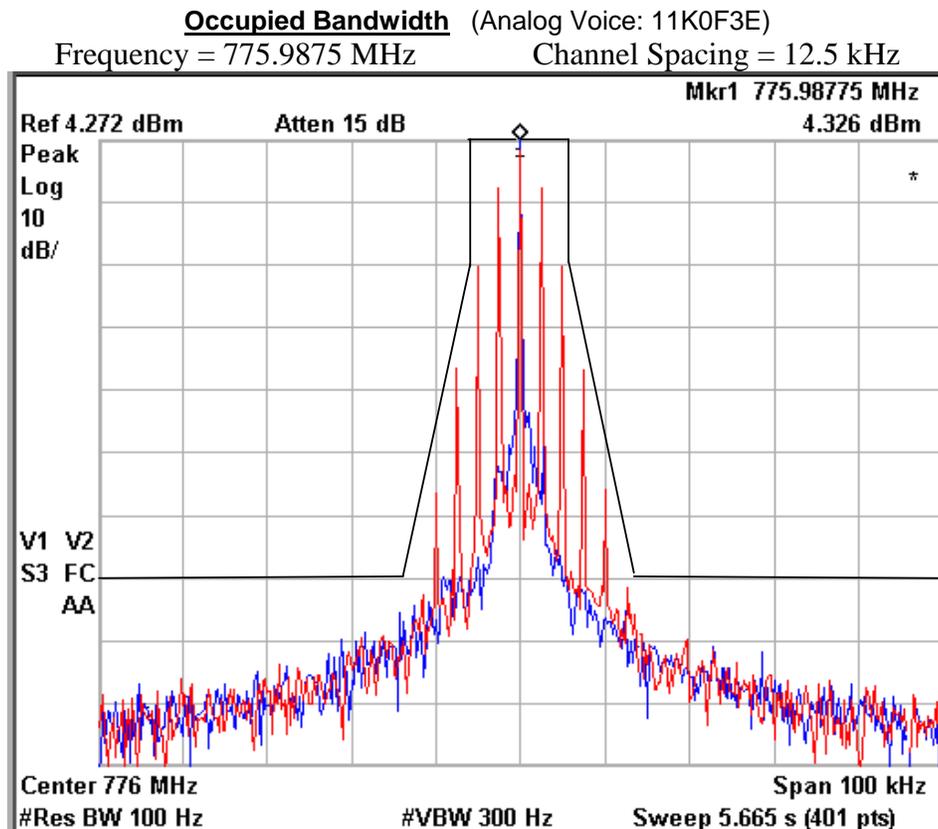


Exhibit 6E-1



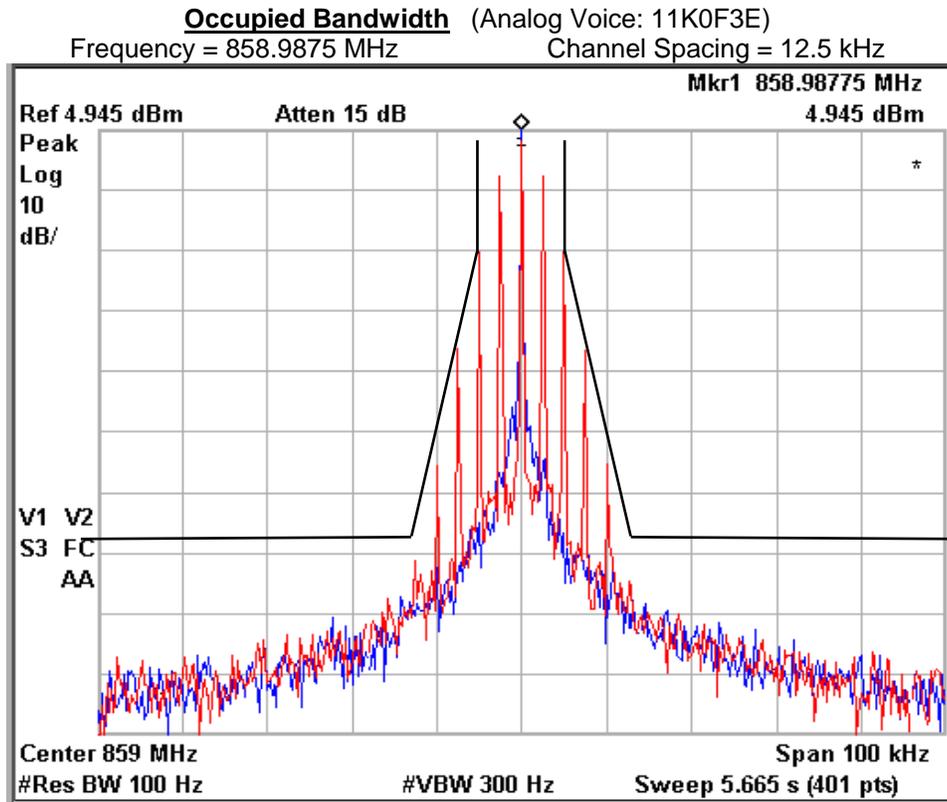


Exhibit 6E-3

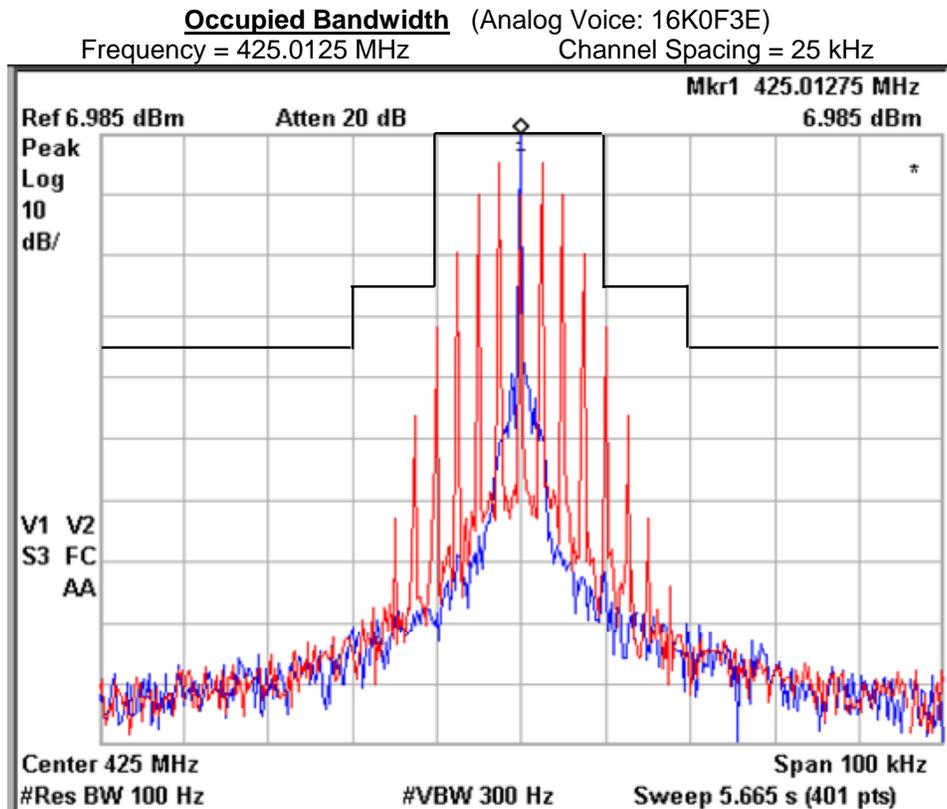


Exhibit 6E-4

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 775.9875 MHz Channel Spacing = 25 kHz

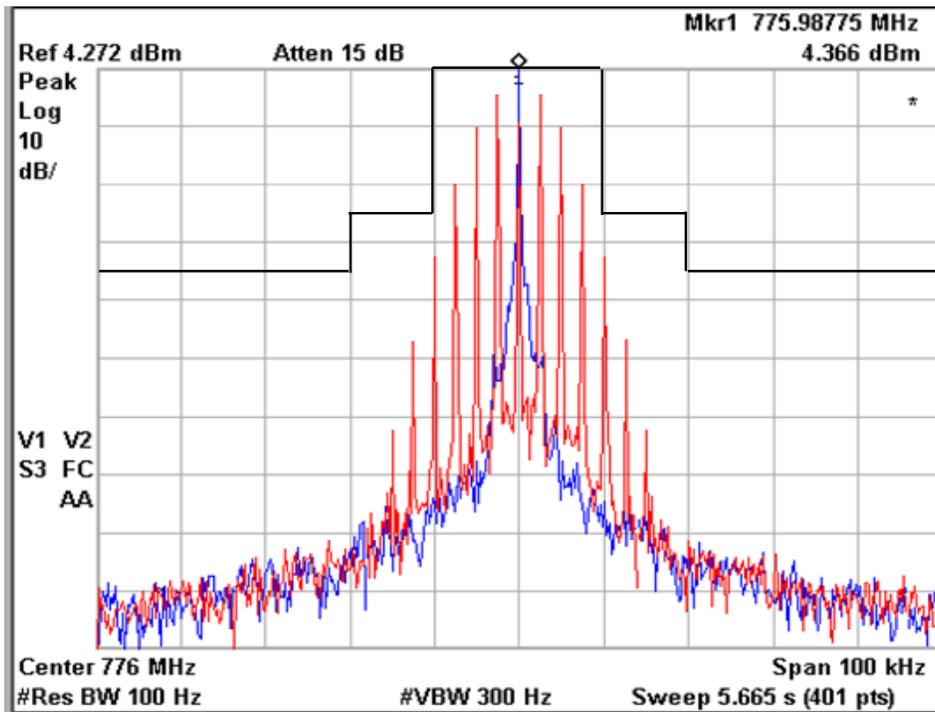


Exhibit 6E-5

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 858.9875 MHz Channel Spacing = 25 kHz

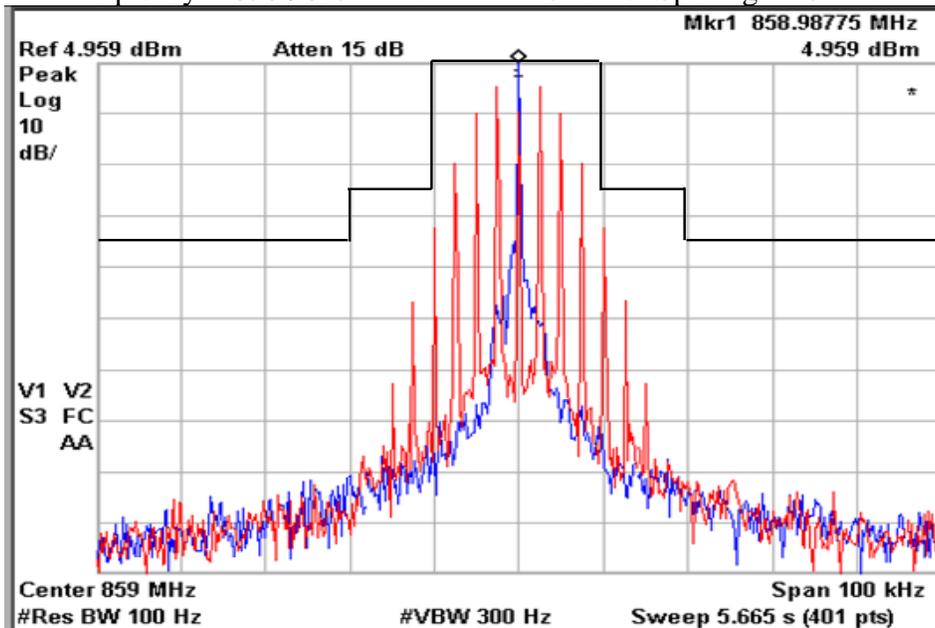


Exhibit 6E-6

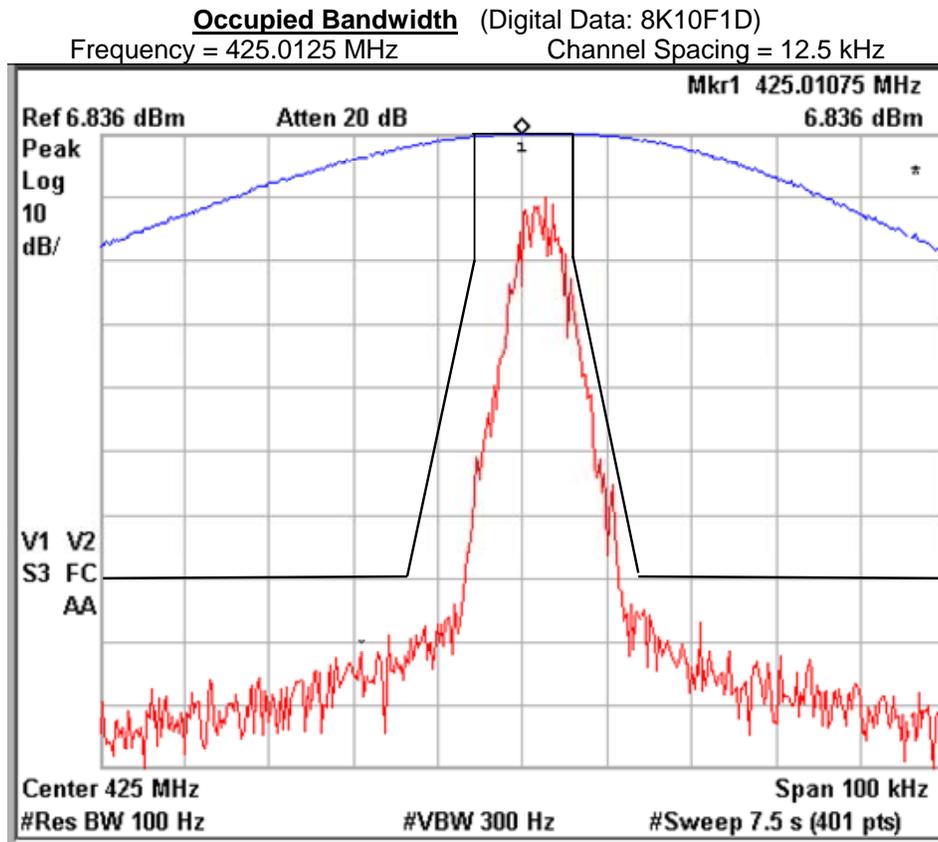
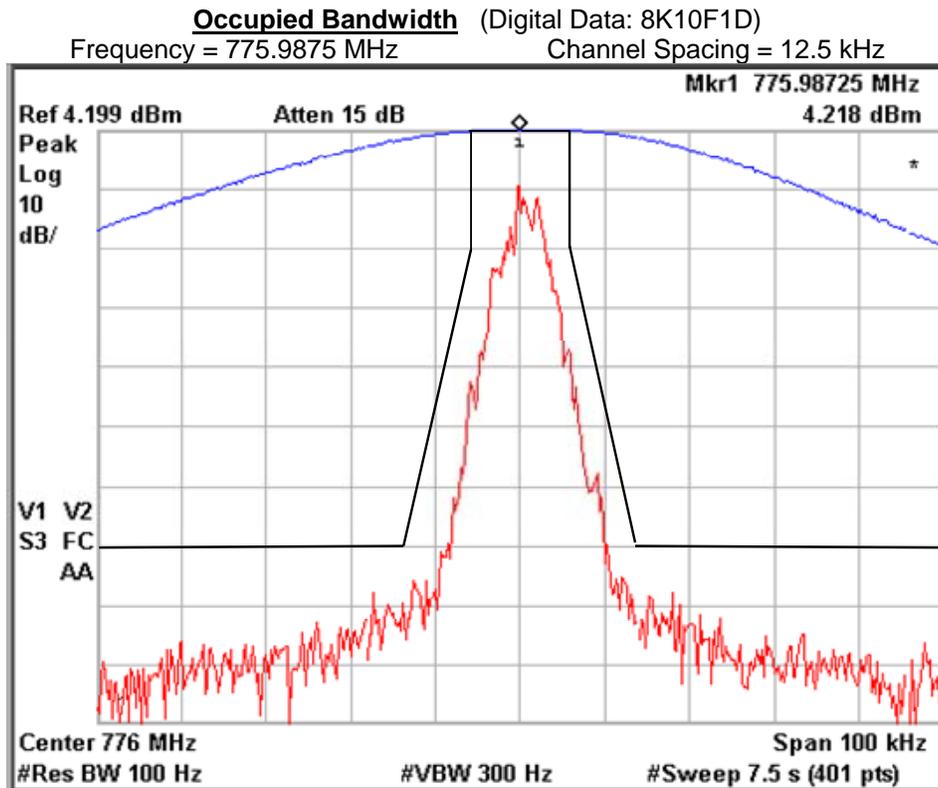


Exhibit 6E-7



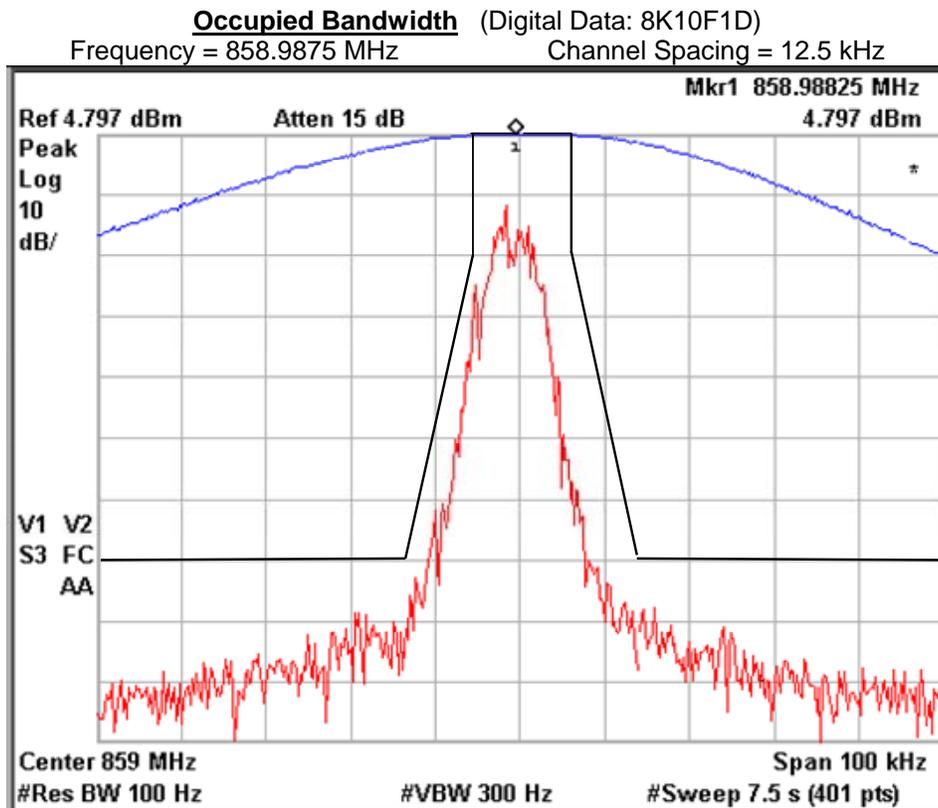
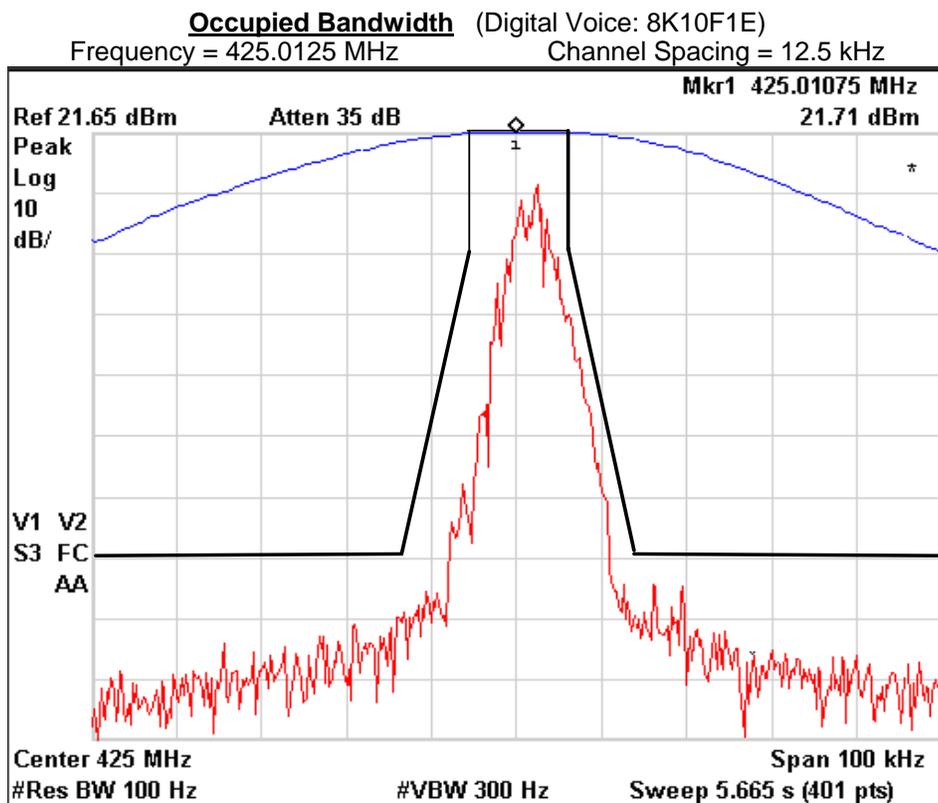


Exhibit 6E-9



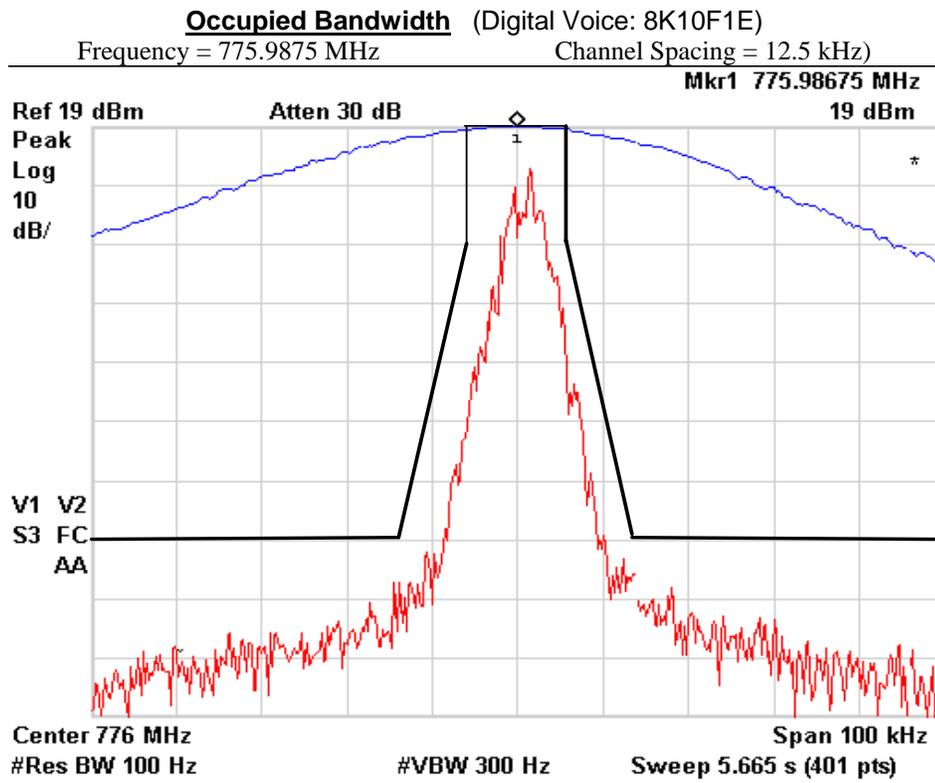


Exhibit 6E-11

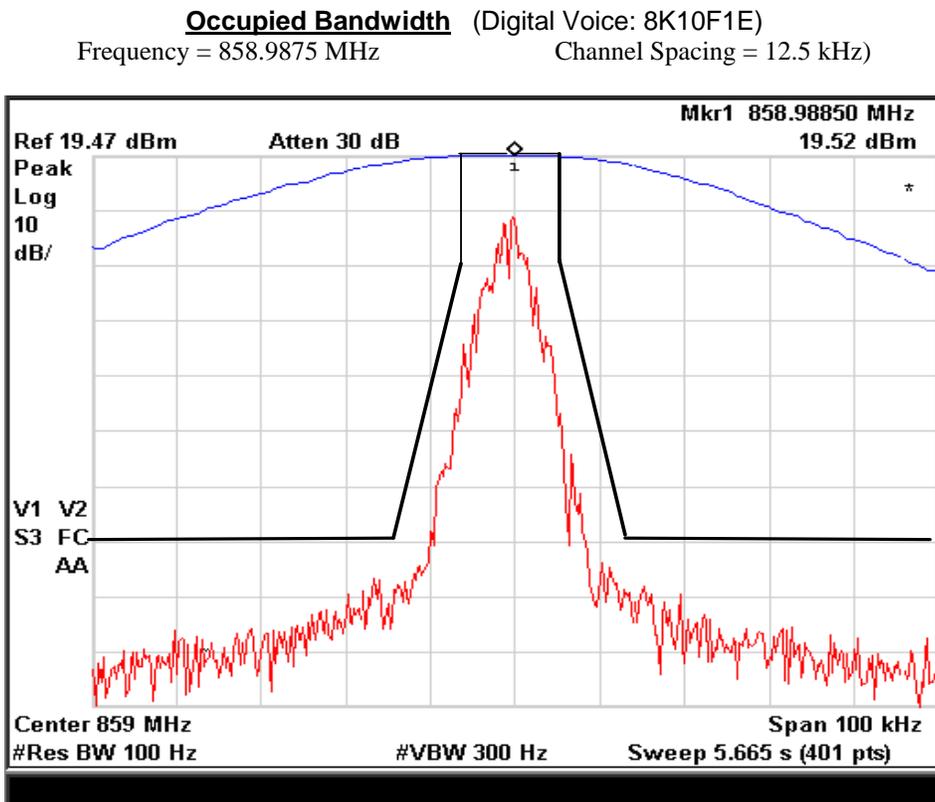


Exhibit 6E-12

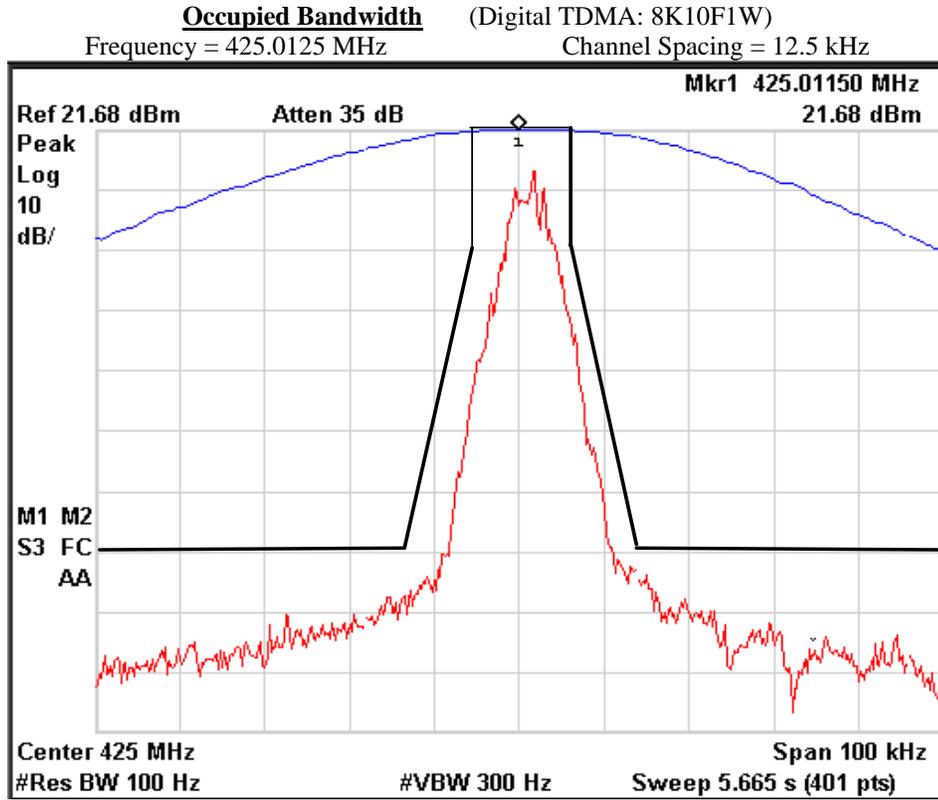


Exhibit 6E-13

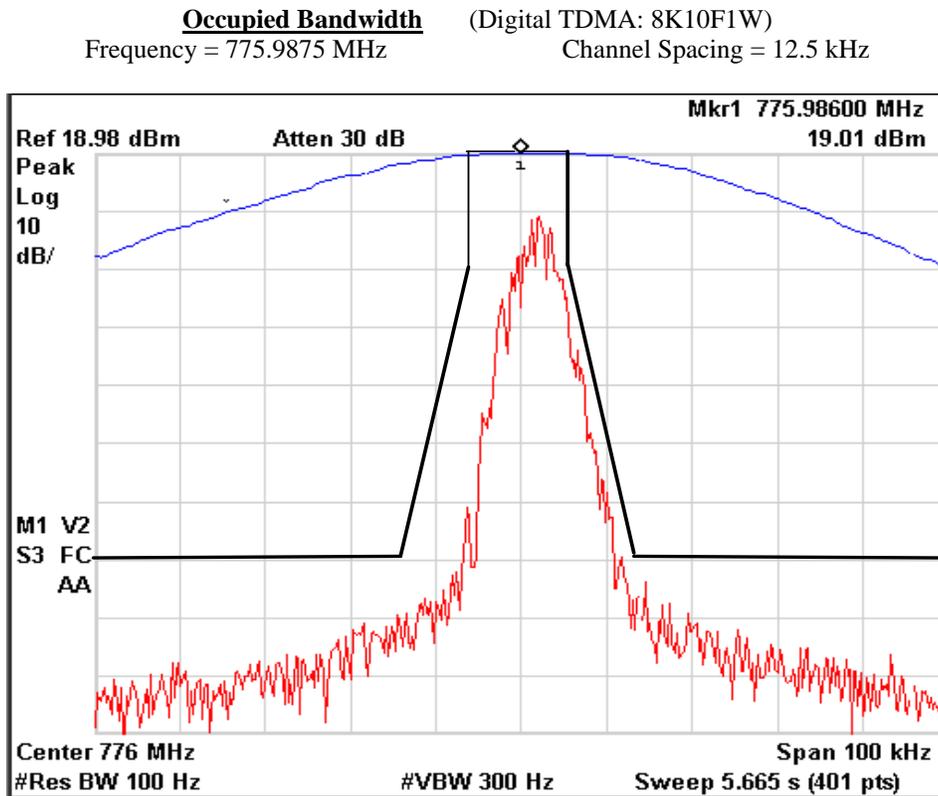


Exhibit 6E-14

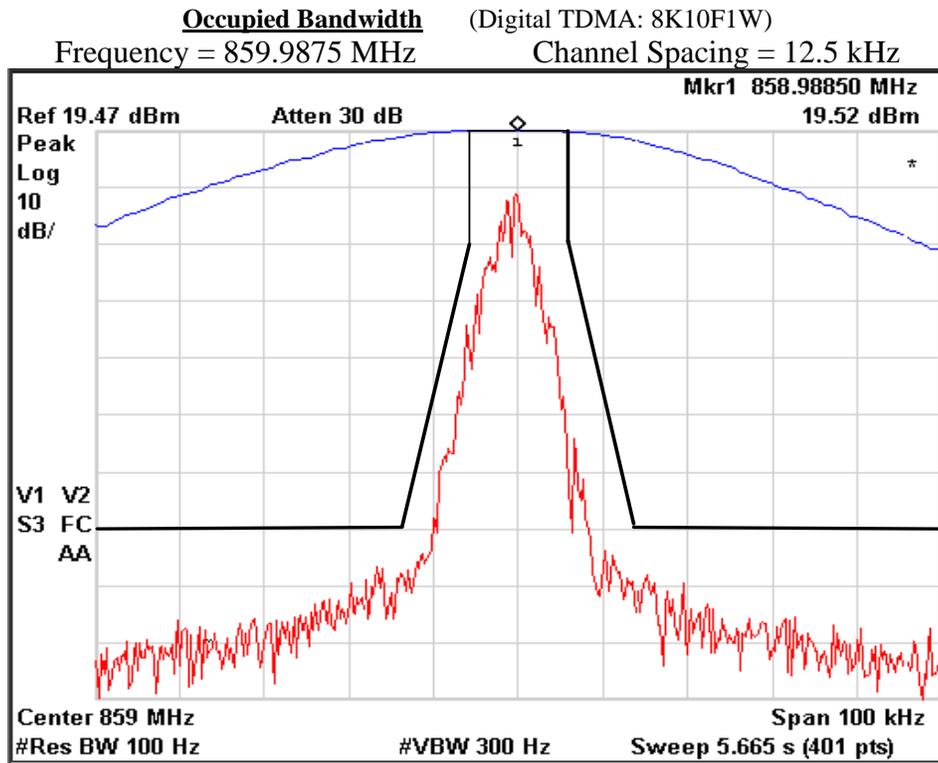
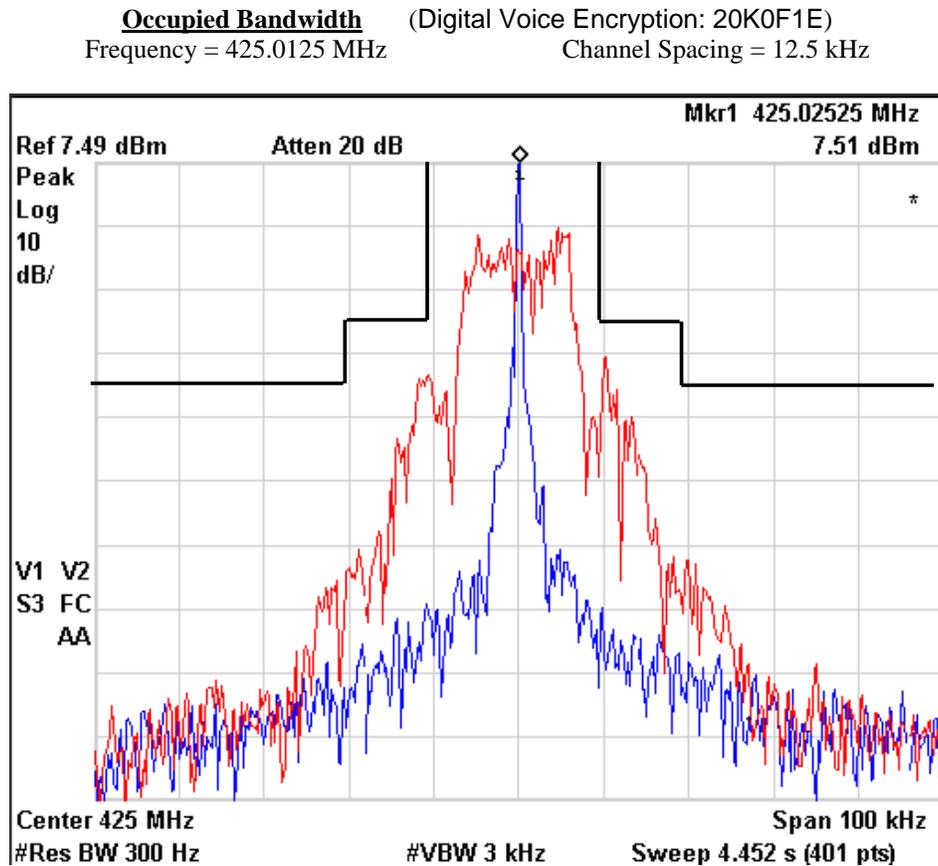


Exhibit 6E-15



Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 425.0125 MHz Channel Spacing = 12.5 kHz

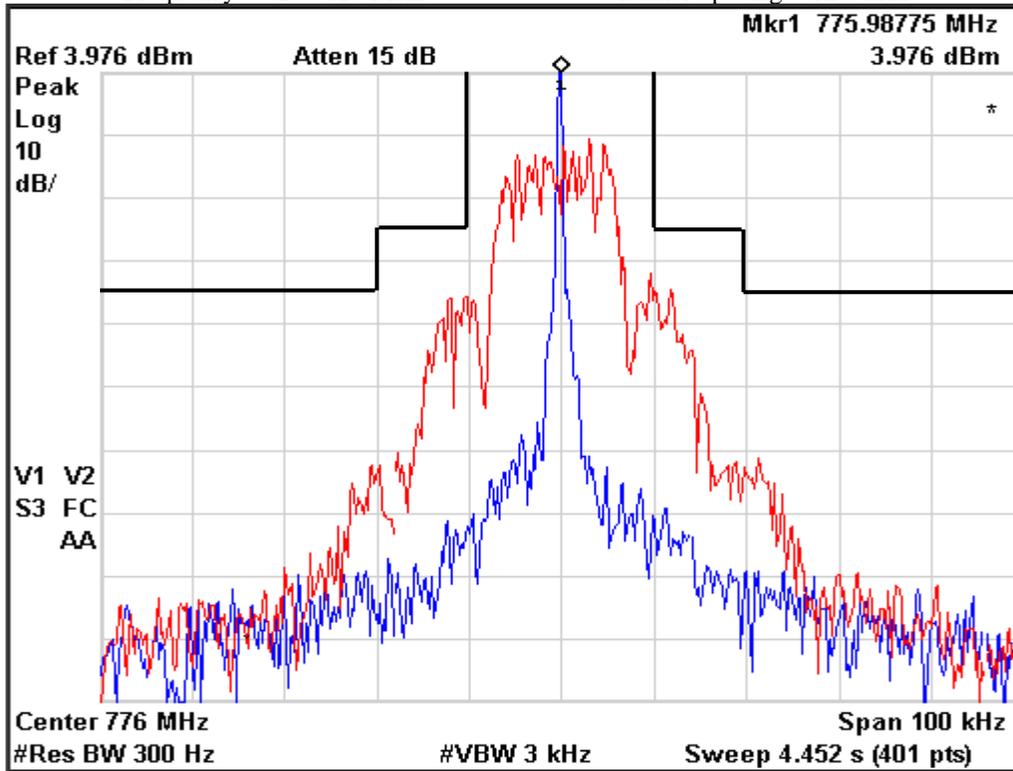


Exhibit 6E-17

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 425.0125 MHz Channel Spacing = 12.5 kHz

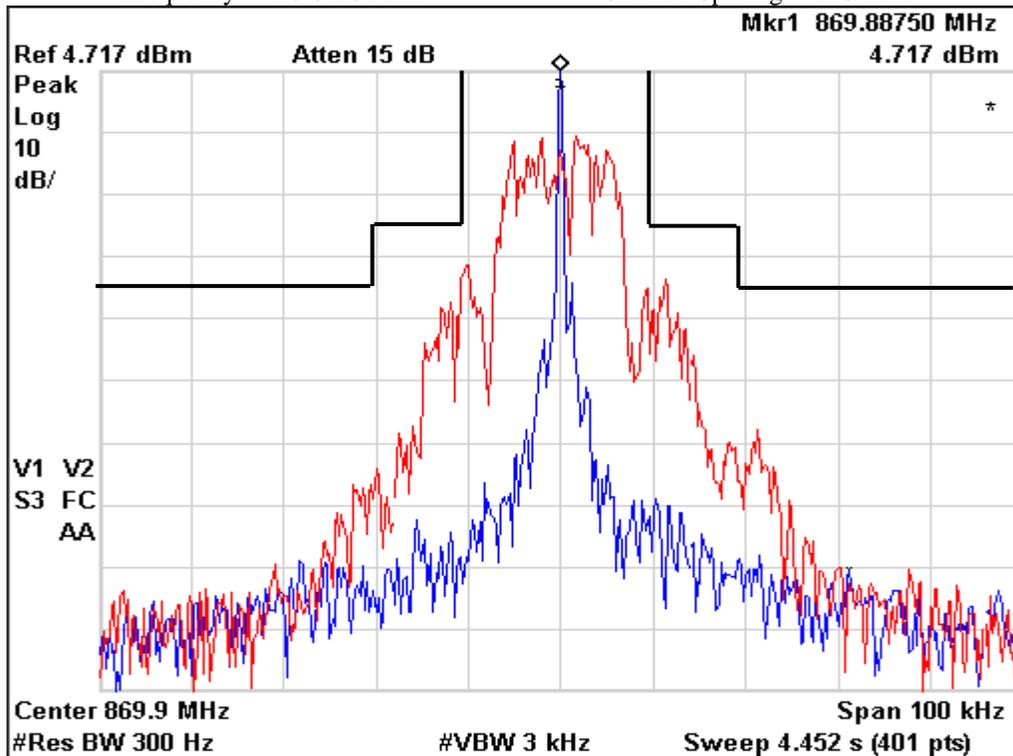


Exhibit 6E-18

EXHIBIT 6F - Adjacent Channel Coupled Power Ratio

ANALOG 12.5 kHz Channel Spacing			794.0125 MHz			
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
9.375	6.25		-50.2		-48.3	-40
15.625	6.25		-72.9		73.1	-60
21.875	6.25		-76.2		-75.8	-60
37.500	25.00		-72.2		-72.3	-65
62.500	25.00		-75.5		-75.1	-65
87.500	25.00		-78.3		-77.8	-65
150.000	100.00		-76.8		-76.9	-65
250.000	100.00		-82.5		-82.6	-65
350.000	100.00		-86.4		-85.7	-65
400k - 12M	30 (swept)		< -75		< -75	-75
12M - RX	30 (swept)		< -75		< -75	-75
RX Band	30 (swept)		< -100		< -100	-100

Exhibit 6F-1

ANALOG 25 kHz Channel Spacing			794.0125 MHz			
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
15.625	6.25		-68.5		-67.7	-40
21.875	6.25		-73.2		-72.4	-60
37.500	25.00		-71.2		-72.2	-65
62.500	25.00		-74.8		-75.2	-65
87.500	25.00		-78.3		-77.9	-65
150.000	100.00		-77.1		-77.4	-65
250.000	100.00		-82.6		-82.5	-65
350.000	100.00		-86.2		-86.5	-65
400k - 12M	30 (swept)		< -75		< -75	-75
12M - RX	30 (swept)		< -75		< -75	-75
RX Band	30 (swept)		< -100		< -100	-100

Exhibit 6F-2

DES-XL ANALOG 25 kHz Channel Spacing			794.0125 MHz			
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
15.625	6.25		-33.45		-34.02	-40
21.875	6.25		-52.3		-52.9	-60
37.500	25.00		-67.4		-68.2	-60
62.500	25.00		-76.4		-71.2	-65
87.500	25.00		-79.7		-79.4	-65
150.000	100.00		-78.2		-78.5	-65
v250.000	100.00		-82.5		-82.9	-65
350.000	100.00		-85.9		-86.1	-65
400k - 12M	30 (swept)		< -75		< -75	-75
12M - RX	30 (swept)		< -75		< -75	-75
RX Band	30 (swept)		< -100		< -100	-100

Exhibit 6F-3

APCO 12.5 kHz Channel Spacing			Digital Data 794.0125 MHz			
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
9.375	6.25		-41.53		-40.84	-40
15.625	6.25		-73.8		-73.8	-60
21.875	6.25		-76.7		-76.2	-60
37.500	25.00		-72.8		-72.6	-65
62.500	25.00		-75.3		-75.4	-65
87.500	25.00		-78.4		-78.4	-65
150.000	100.00		-77.2		-77.1	-65
250.000	100.00		-82.75		-82.8	-65
350.000	100.00		-86.4		-86.4	-65
400k - 12M	30 (swept)		< -75		< -75	-75
12M - RX	30 (swept)		< -75		< -75	-75
RX Band	30 (swept)		< -100		< -100	-100

Exhibit 6F-4

APCO 12.5 kHz Channel Spacing		Digital Voice		794.0125 MHz	
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dB)	
9.375	6.25	-42.35	-40.82	-40	
15.625	6.25	-72.26	-71.69	-60	
21.875	6.25	-75.52	-75.82	-60	
37.500	25.00	-72.3	-72.4	-65	
62.500	25.00	-75.22	-75.12	-65	
87.500	25.00	-78.23	-78.32	-65	
150.000	100.00	-77.03	-76.74	-65	
250.000	100.00	-76.88	-76.91	-65	
350.000	100.00	-86.07	-86.04	-65	
400k - 12M	30 (swept)	< -75	< -75	-75	
12M - RX	30 (swept)	< -75	< -75	-75	
RX Band	30 (swept)	< -100	< -100	-100	

Exhibit 6F-5

12.5 kHz Channel Spacing		F2 Mode		794.0125 MHz	
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dB)	
9.375	6.25	-42.9	-51.1	-40	
15.625	6.25	-75.0	-74.7	-60	
21.875	6.25	-76.2	-75.1	-60	
37.500	25.00	72.4	-72.9	-65	
62.500	25.00	-74.1	-73.9	-65	
87.500	25.00	-79.9	-79.8	-65	
150.000	100.00	-77.2	-76.9	-65	
250.000	100.00	-82.6	-82.5	-65	
350.000	100.00	-86.7	-86.6	-65	
400k - 12M	30 (swept)	< -75	< -75	-75	
12M - RX	30 (swept)	< -75	< -75	-75	
RX Band	30 (swept)	< -100	< -100	-100	

Exhibit 6F-6

EXHIBIT 6G

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

Freq: 380.075 MHz, Power: 5.7 Watts

Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A

Tx Power: 5.7 Watts

380.075 MHz Channel Spacing 25kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.1500	-13	-59.06	-57.05
1140.2250	-13	-68.26	-65.87
1520.3000	-13	-72.49	-63.54
1900.3750	-13	-68.89	*
2280.4500	-13	*	*
2660.5250	-13	*	*
3040.6000	-13	*	*
3420.6750	-13	*	*
3800.7500	-13	*	*

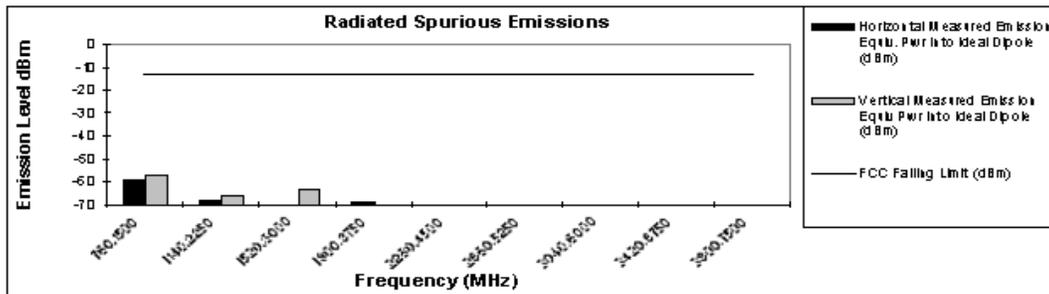


Exhibit 6G-1

Freq: 424.975 MHz, Power: 5.7 Watts

Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A

Tx Power: 5.7 Watts

424.975 MHz Channel Spacing 25kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
849.9500	-13	-56.28	-59.95
1274.9250	-13	-68.45	-63.96
1699.9000	-13	-67.70	-68.37
2124.8750	-13	-65.87	-64.50
2549.8500	-13	-65.74	*
2974.8250	-13	-58.79	-57.52
3399.8000	-13	-62.91	*
3824.7750	-13	-59.10	*
4249.7500	-13	*	*

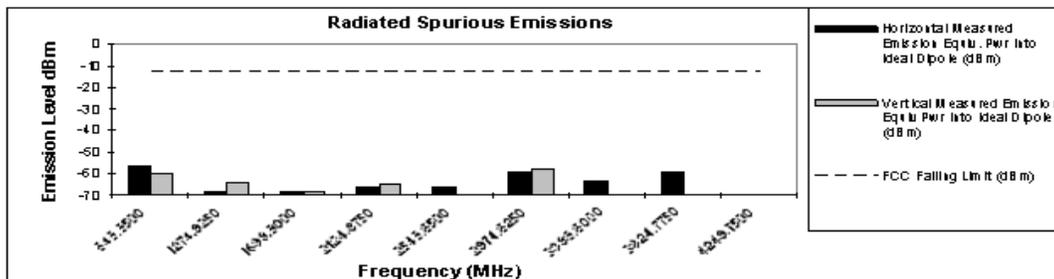


Exhibit 6G-2

Freq: 469.975 MHz, Power: 5.7 Watts

Motorola Inc.

FCC ID: NA

Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A
Tx Power: 5.7 Watts

469.975 MHz Channel Spacing 25kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
030.0500	-13	-66.82	*
1409.9250	-13	-60.55	-60.79
1679.9000	-13	*	*
2349.8750	-13	-60.64	*
2619.8500	-13	*	*
3289.8250	-13	*	*
3759.8000	-13	*	*
4229.7750	-13	*	*
4699.7500	-13	*	*

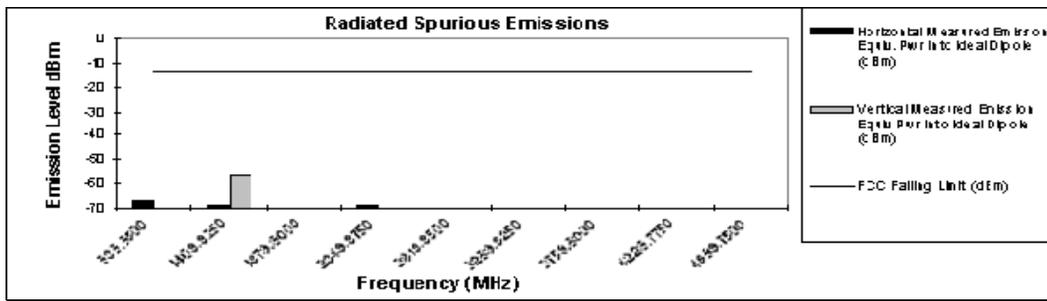


Exhibit 6G-3

Freq: 764.1025 MHz, Power: 2.99 Watts

Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A
Tx Power: 2.99 Watts

764.0125 MHz Channel Spacing 12.5kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-20	-58.25	-50.45
2292.0375	-20	-54.94	-53.95
3056.0500	-20	*	*
3820.0625	-20	*	*
4584.0750	-20	-60.81	*
5348.0875	-20	-54.62	*
6112.1000	-20	*	*
6876.1125	-20	*	*
7640.1250	-20	*	*

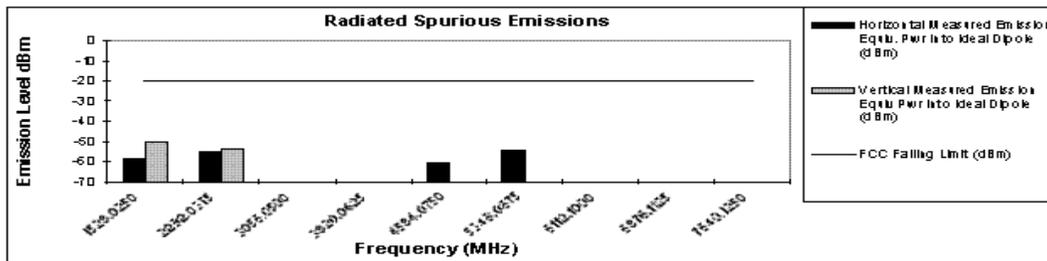


Exhibit 6G-4

Freq: 775.9875 MHz, Power: 2.99 Watts

Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A
Tx Power: 2.99 Watts

775.9875 MHz

Channel Spacing 12.5kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1551.9750	-20	-61.74	-51.21
2327.9625	-20	-54.22	*
3103.9500	-20	*	*
3879.9375	-20	*	*
4655.9250	-20	-61.21	*
5431.9125	-20	*	*
6207.9000	-20	*	*
6983.8875	-20	*	*
7759.8750	-20	*	*

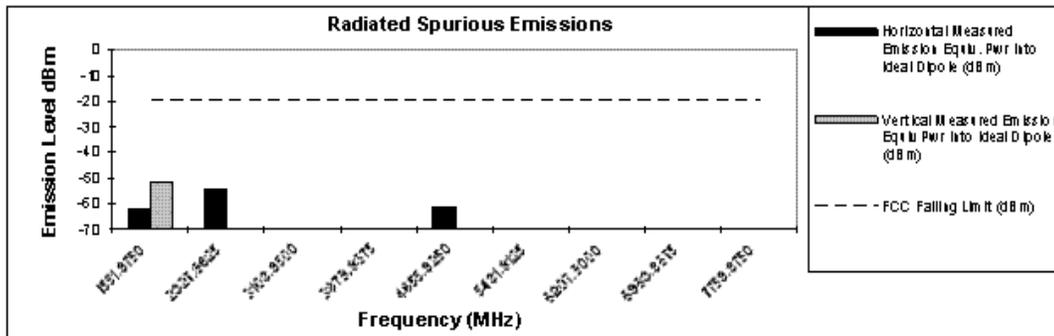


Exhibit 6G-5

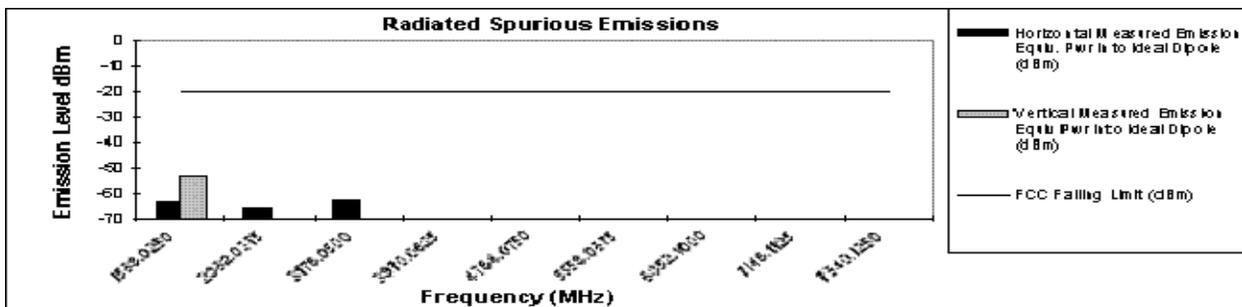
Freq: 794.0125 MHz, Power: 2.99 Watts

Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A
Tx Power: 2.99 Watts

794.0125 MHz

Channel Spacing 12.5kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1586.0250	-20	-63.34	-53.20
2362.0125	-20	-63.83	*
3138.0000	-20	-62.77	*
3914.0825	-20	*	*
4690.0750	-20	*	*
5466.0675	-20	*	*
6242.0600	-20	*	*
7018.0525	-20	*	*
7794.0450	-20	*	*



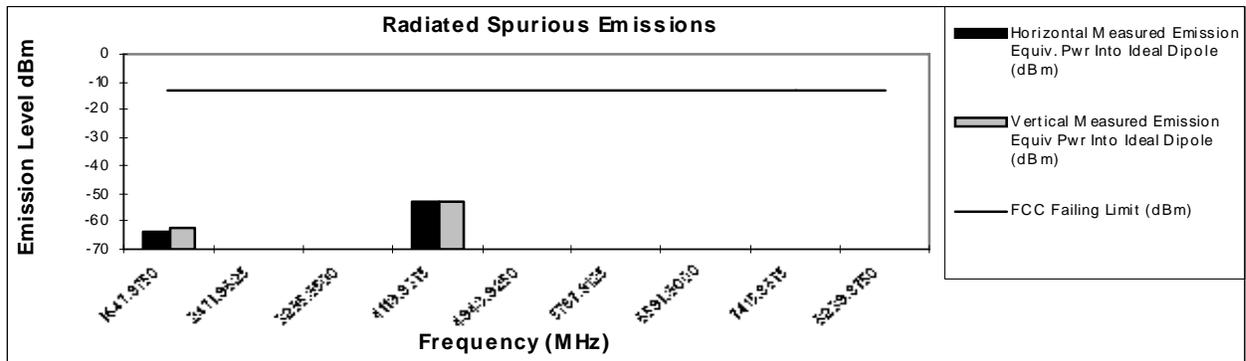
Freq: 823.9875 MHz, Power: 3.6 Watts

Tx Power: 3.6 Watts

823.9875 MHz

Channel Spacing 25kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	-63.60	-62.45
2471.9625	-13	*	*
3295.9500	-13	*	*
4119.9375	-13	-52.99	-53.08
4943.9250	-13	*	*
5767.9125	-13	*	*
6591.9000	-13	*	*
7415.8875	-13	*	*
8239.8750	-13	*	*



Freq: 851.0125 MHz, Power: 3.6 Watts

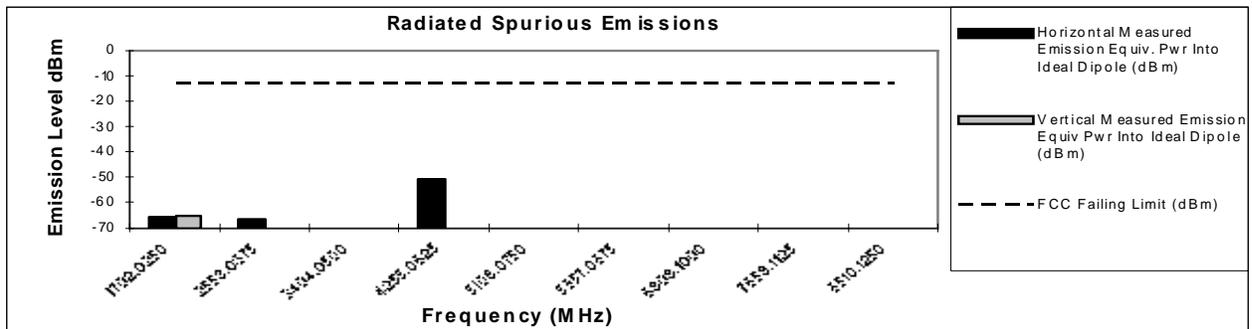
Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A

Tx Power: 3.6 Watts

851.0125 MHz

Channel Spacing 25kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-13	-65.92	-64.96
2553.0375	-13	-66.64	*
3404.0500	-13	*	*
4255.0625	-13	-50.95	*
5106.0750	-13	*	*
5957.0875	-13	*	*
6808.1000	-13	*	*
7659.1125	-13	*	*
8510.1250	-13	*	*



Freq: 869.8875 MHz, Power: 3.6 Watts

Transmit Radiated Spurious Emissions: APX7000 Battery-NNTN7034A
Tx Power: 3.6 Watts

869.8875 MHz

Channel Spacing 12.5kHz | S/N Q00KK40Q

Frequency (MHz)	FCC Falling Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1738.7750	-20	-68.12	▲
2808.8875	-20	▲	▲
3478.8800	-20	▲	▲
4348.4375	-20	-62.28	▲
5218.3200	-20	-68.21	▲
6088.2125	-20	▲	▲
6958.1000	-20	▲	▲
7828.8875	-20	▲	▲
8698.8750	-20	▲	▲

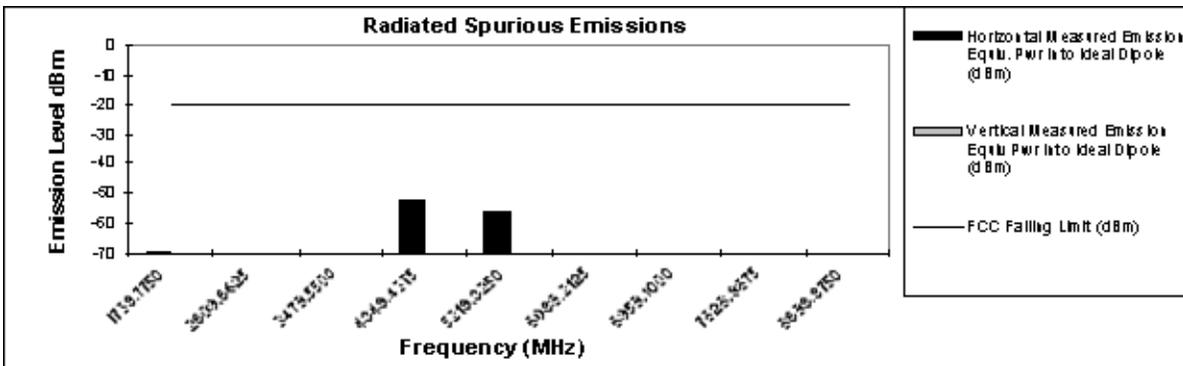


EXHIBIT 6I

1559-1605MHz Radiated Emissions (GNSS)

GNSS Testing					
At 10 Meters ERP, ADD +2.15 dB for EIRP					
Date:	6/24/2009	EMC#:	EMC05272009-311	Temp:	82F 73%
Product:	APX7000	S/N	Q00KK40G	Channel Spacing:	12.5kHz
		Notes:	GNSS		
Tx Freq.	794.0125				
		Horizontal Radiated	Vertical Radiated		
Spur	Frequency	Spur. Emiss.	Spur. Emiss.		
2XFund	MHz	(dBm)	(dBm)		
	1588.0250	-47.13	-45.09		
		Notes:	GNSS		
Tx Freq.	805.0000				
		Horizontal Radiated	Vertical Radiated		
Spur	Frequency	Spur. Emiss.	Spur. Emiss.		
2XFund	MHz	(dBm)	(dBm)		
	1610.0000	-53.95	-49.07		
		Notes:	GNSS		

GNSS Testing					
At 10 Meters ERP, ADD +2.15 dB for EIRP					
Date:	6/24/2009	EMC#:	EMC05272009-311	Temp:	82F 73%
Product:	APX7000	S/N	Q00KK40G	Channel Spacing:	25kHz
		Notes:	GNSS		
Tx Freq.	794.0125				
		Horizontal Radiated	Vertical Radiated		
Spur	Frequency	Spur. Emiss.	Spur. Emiss.		
2XFund	MHz	(dBm)	(dBm)		
	1588.0250	-48.91	-44.81		
		Notes:	GNSS		
Tx Freq.	805.0000				
		Horizontal Radiated	Vertical Radiated		
Spur	Frequency	Spur. Emiss.	Spur. Emiss.		
2XFund	MHz	(dBm)	(dBm)		
	1610.0000	-55.07	-47.85		
		Notes:	GNSS		

EXHIBIT 6I

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

Note: Lines on graphs correspond to the FCC limit of -13dBm.

Spurs which are not shown is less than 100dB

Freq: 380.025 MHz, Power: 5.7Watts

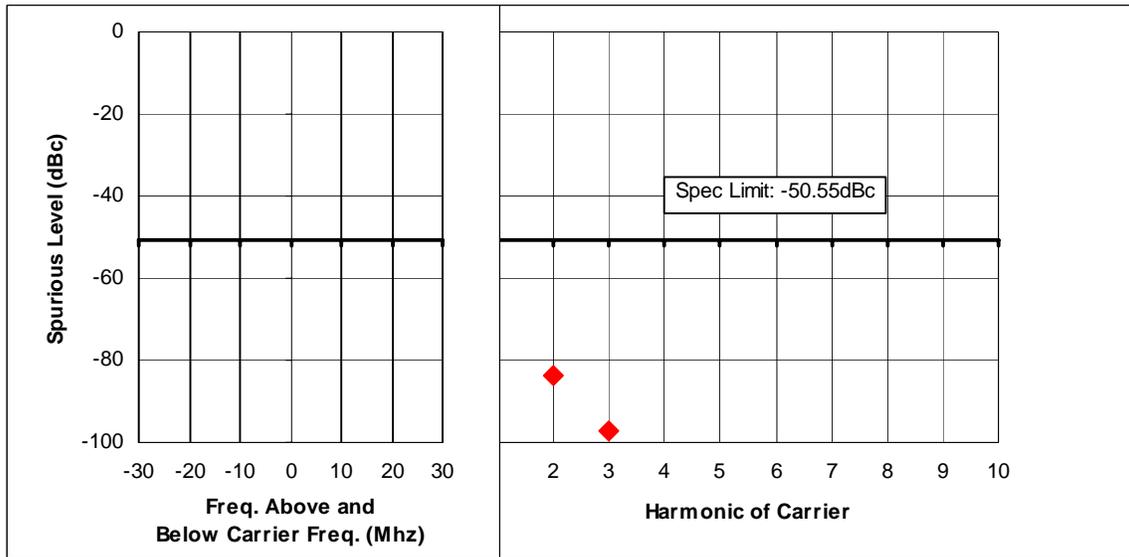


Exhibit 6I-1

Freq: 424.924 MHz, Power: 5.7Watts

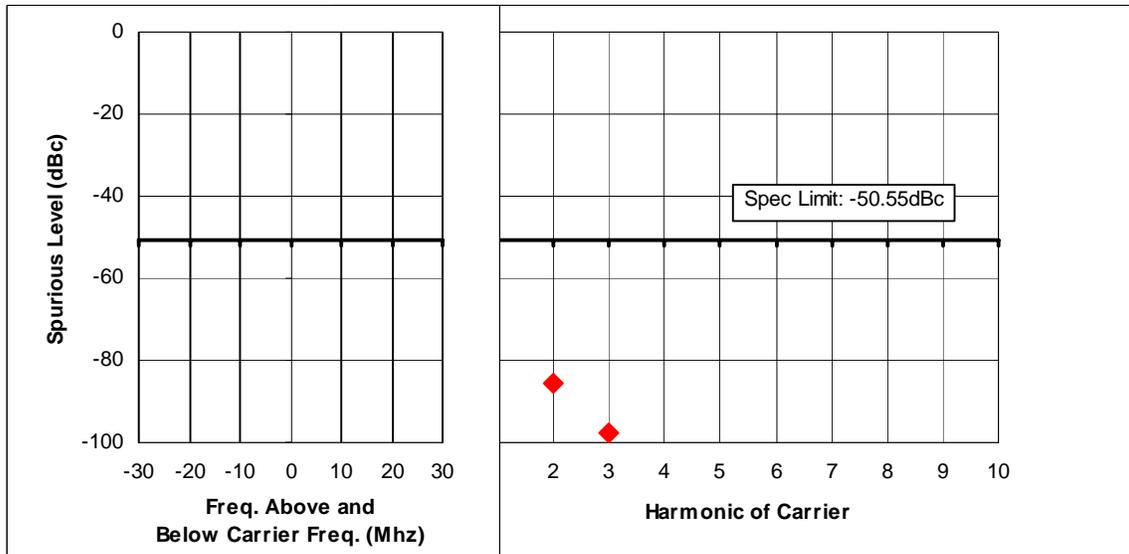


Exhibit 6I-2

Freq: 469.975 MHz, Power: 5.7Watts

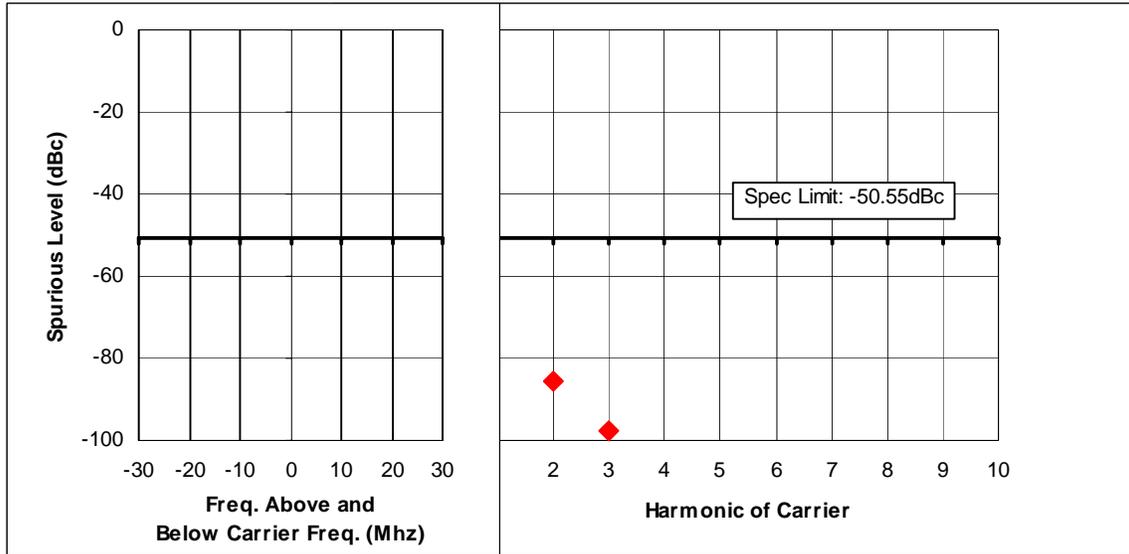


Exhibit 6I-3

Freq: 764.0125 MHz, Power: 2.99 Watts

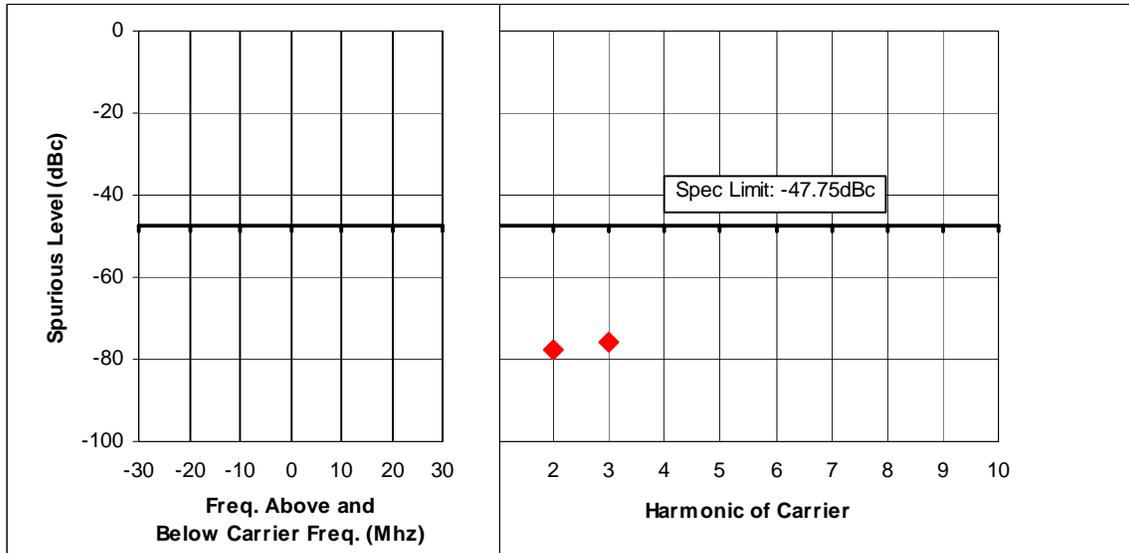


Exhibit 6I-4

Freq: 775.9875 MHz, Power: 2.99 Watts

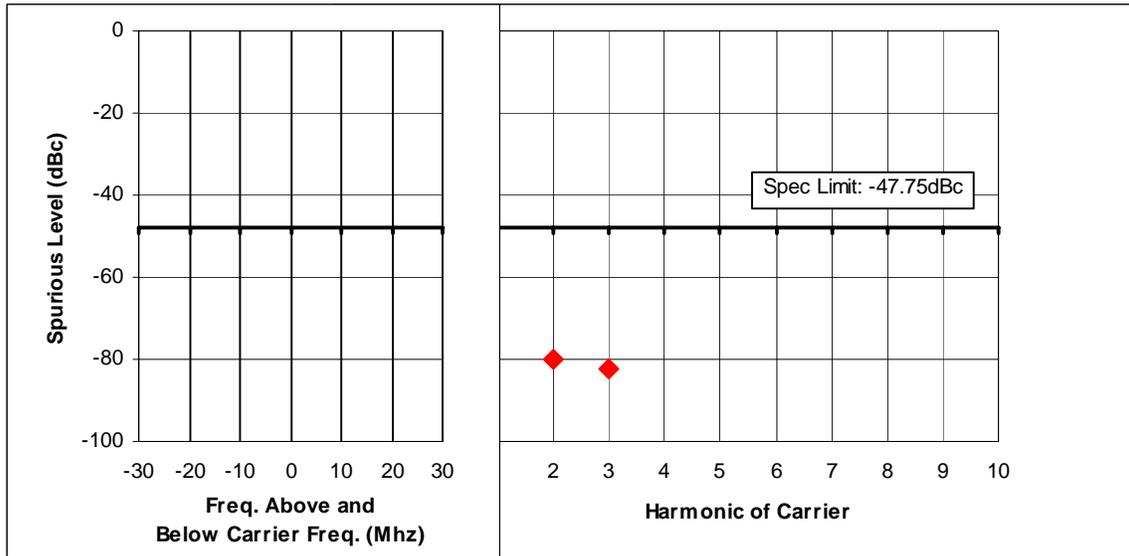


Exhibit 6I-5

Freq: 794.0125 MHz, Power: 2.99 Watts

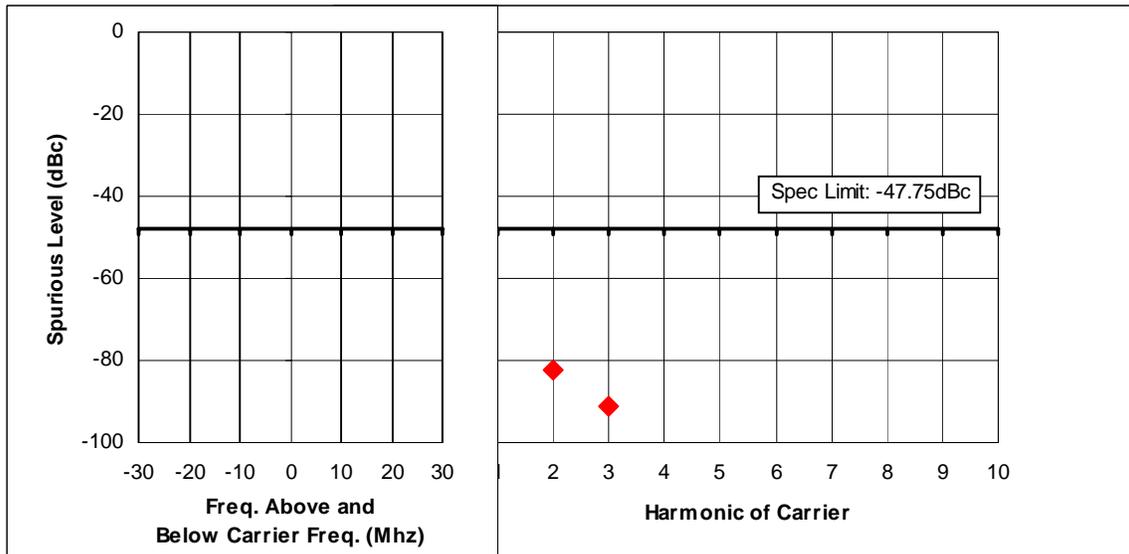


Exhibit 6I-6

Freq: 823.9875 MHz, Power: 3.6 Watts

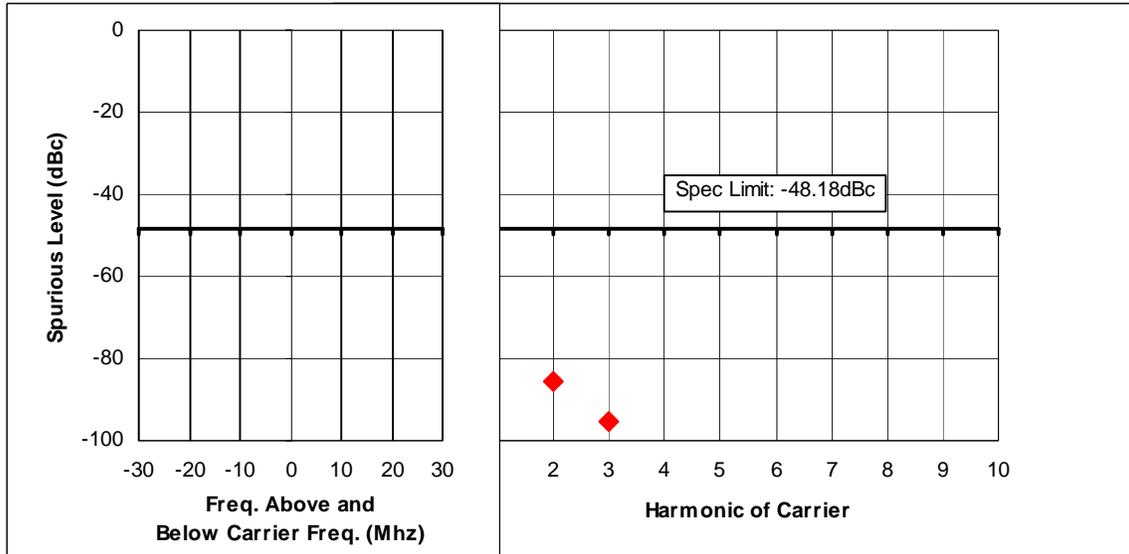


Exhibit 6I-7

Freq: 851.0125 MHz, Power: 3.6 Watts

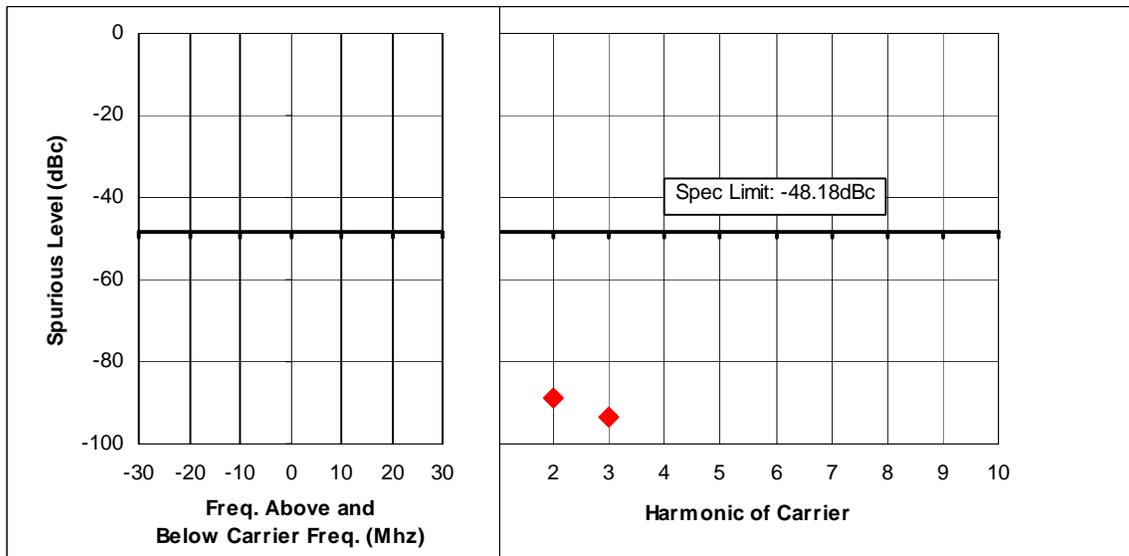


Exhibit 6I-8

Freq: 869.9875 MHz, Power: 3.6 Watts

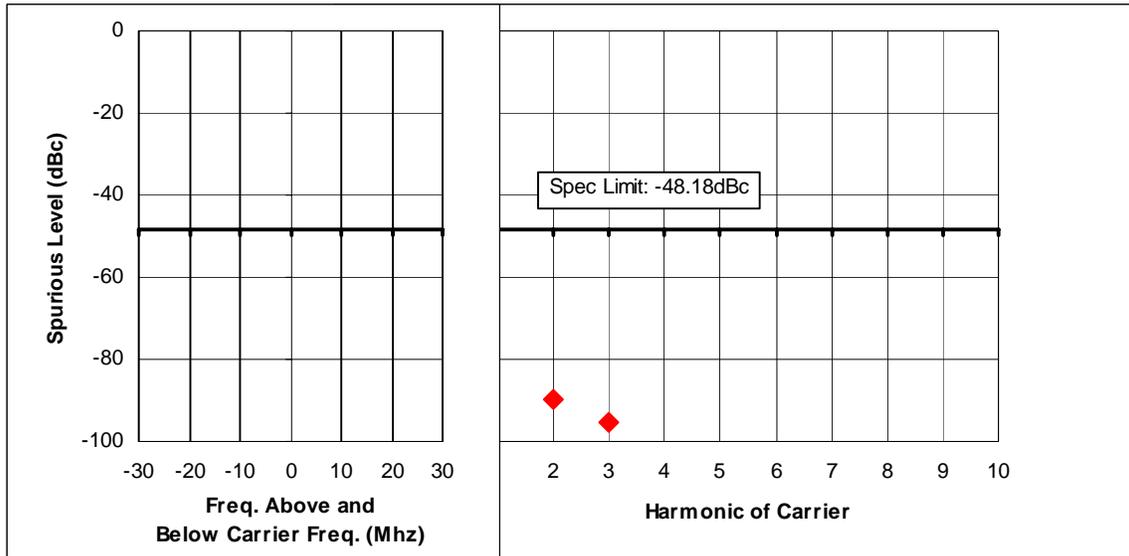


Exhibit 6I-9

EXHIBIT 6J

Power Line Conducted Spurious Emissions

POWERLINE CONDUCTED EMISSIONS – LINE 1

NOTES:

ac line conducted line 1

FCC 15.107 Mask Class B

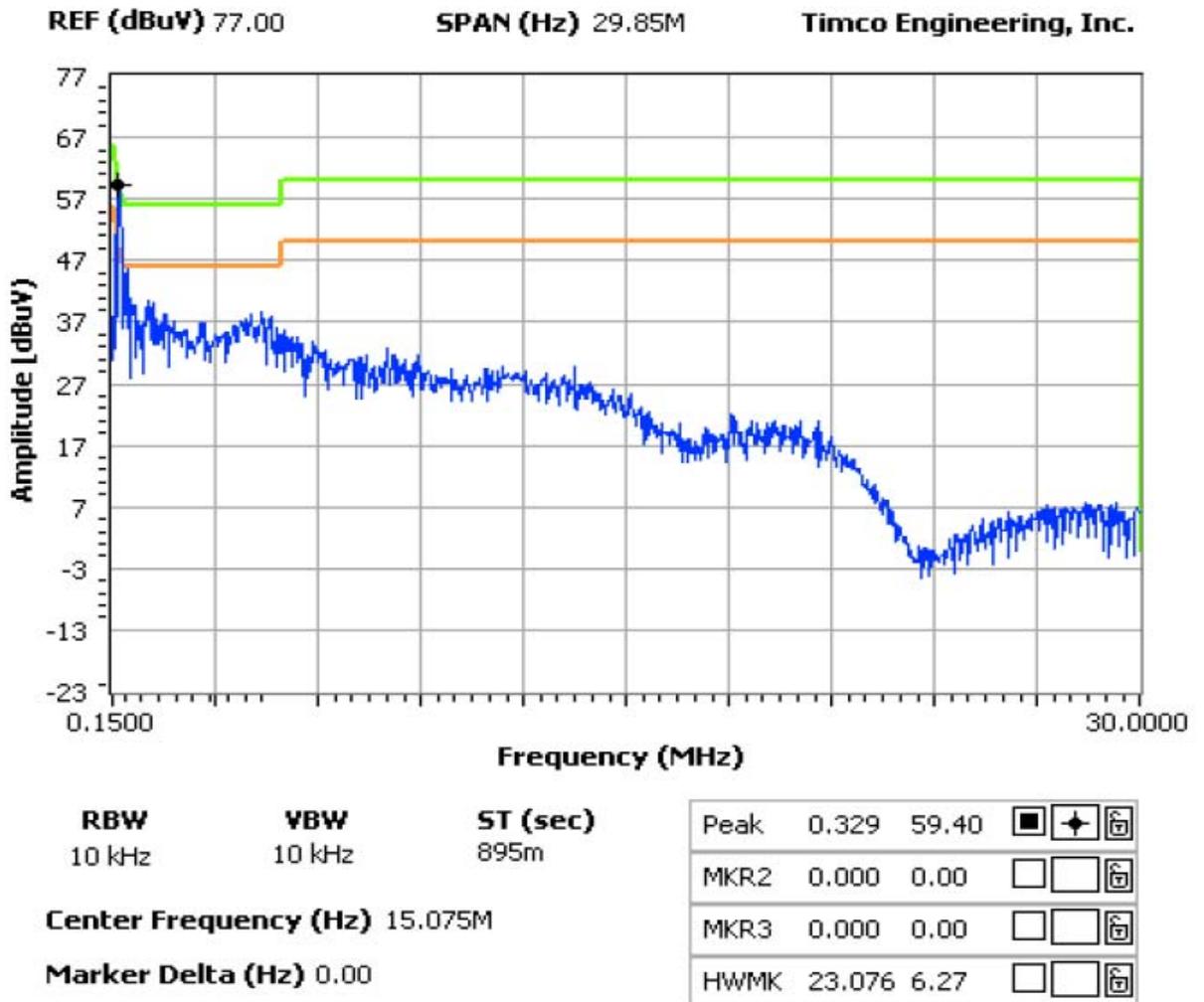


Exhibit 6J-1

POWERLINE CONDUCTED EMISSIONS – LINE 2

NOTES:

ac line conducted line 2

FCC 15.107 Mask Class B

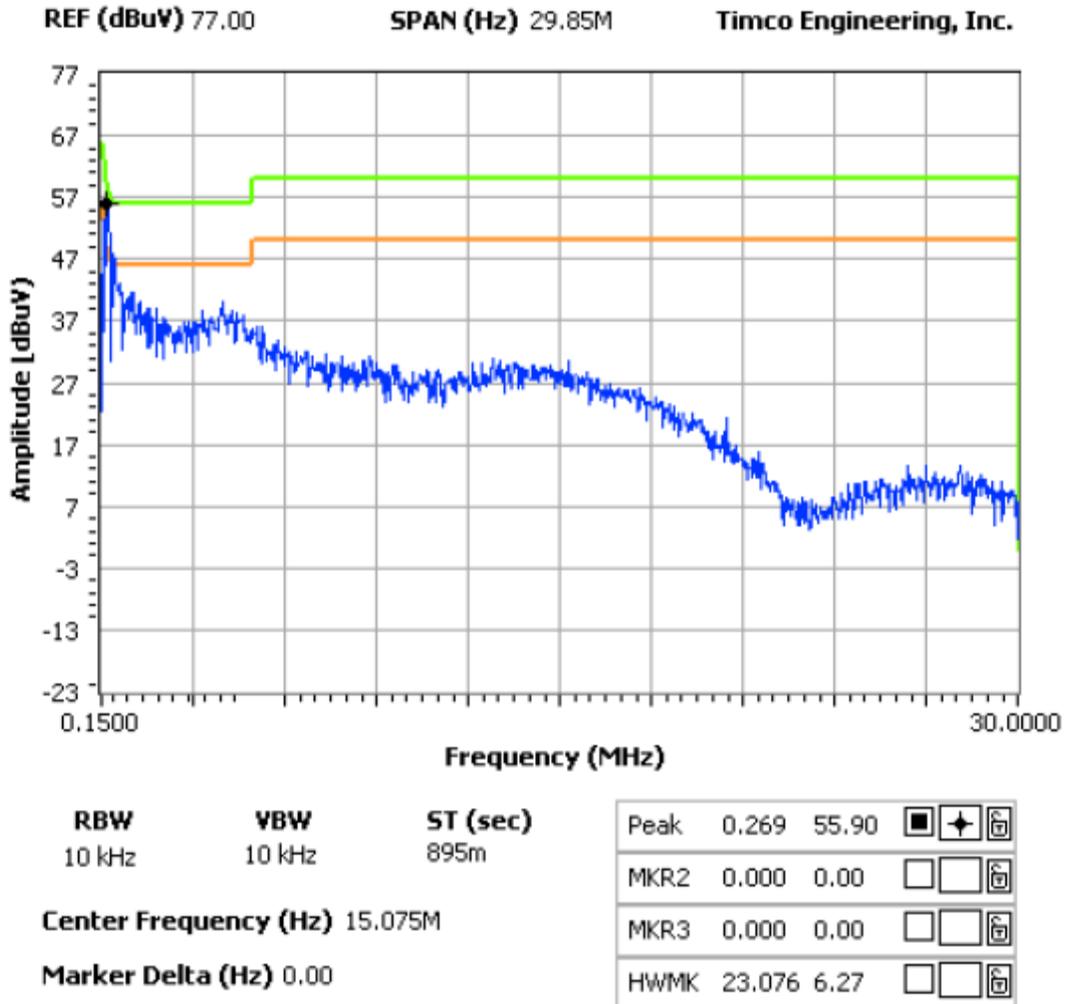


EXHIBIT 6K

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

Frequency Stability (425.0125 MHz) vs. Supply Voltage

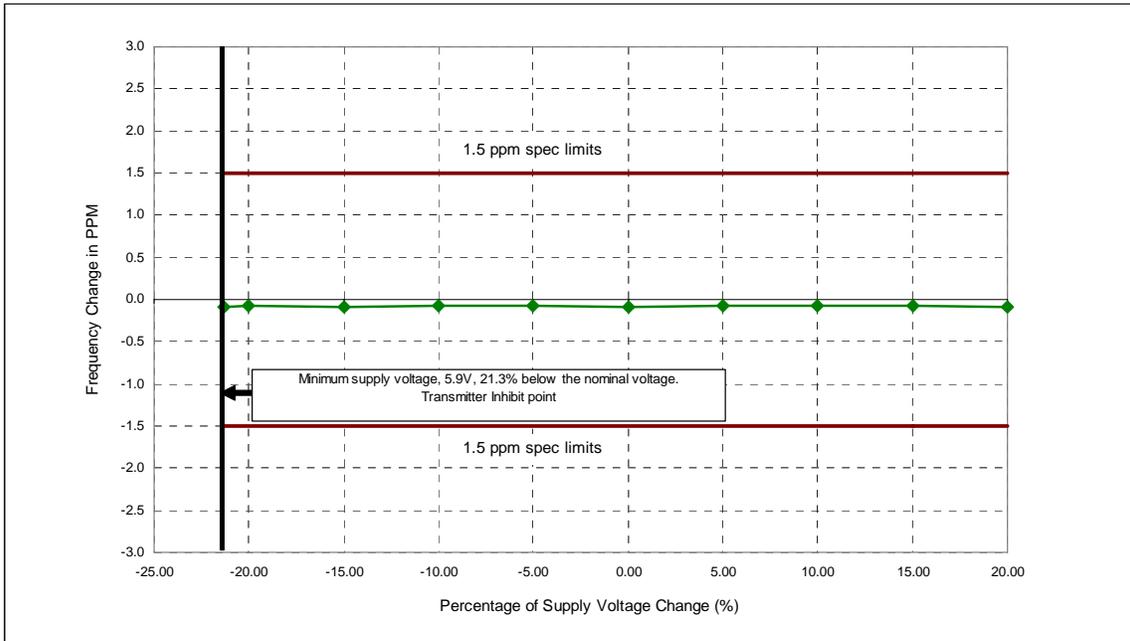


Exhibit 6K-1

Frequency Stability (775.9875 MHz) vs. Supply Voltage

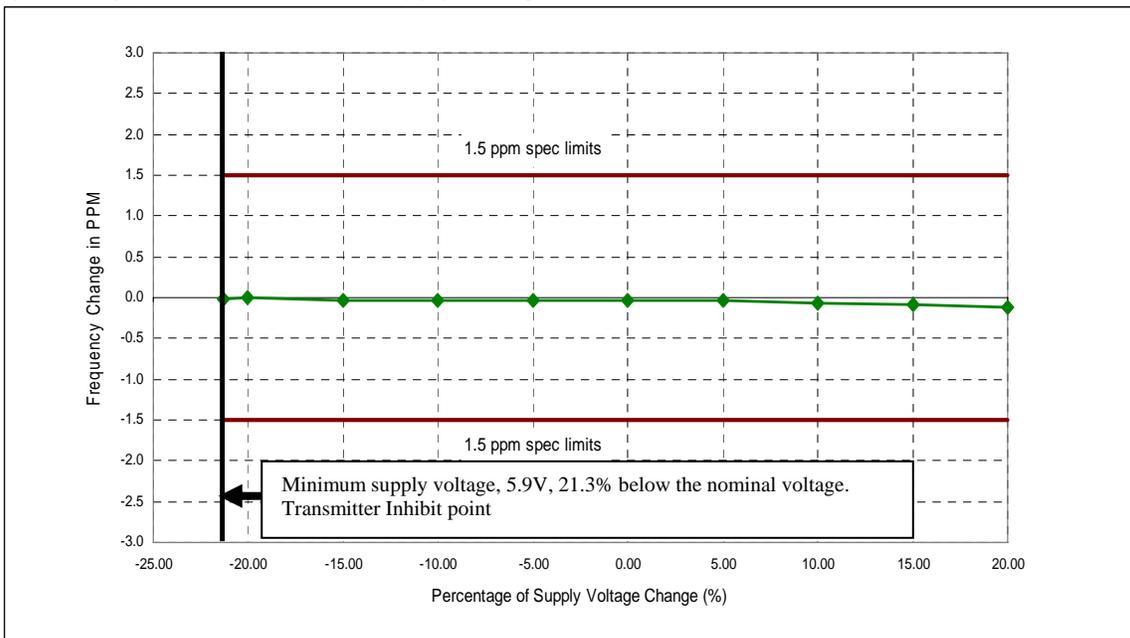


Exhibit 6K-2

Frequency Stability (858.9875 MHz) vs. Supply Voltage

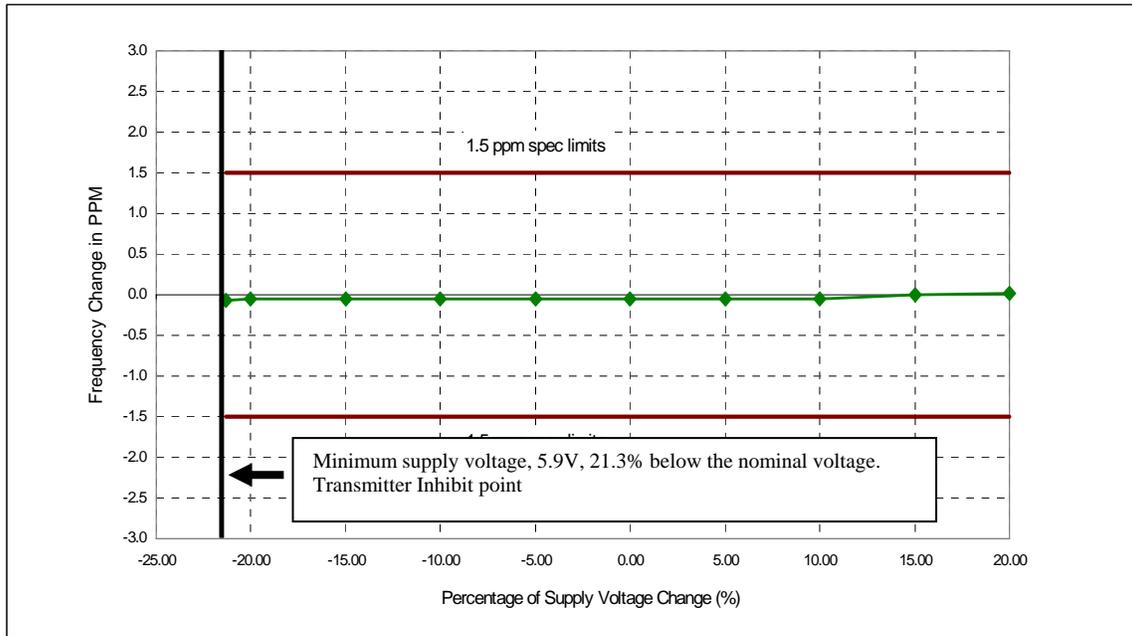


Exhibit 6K-3

Frequency Stability (425.0125 MHz) vs. Temperature

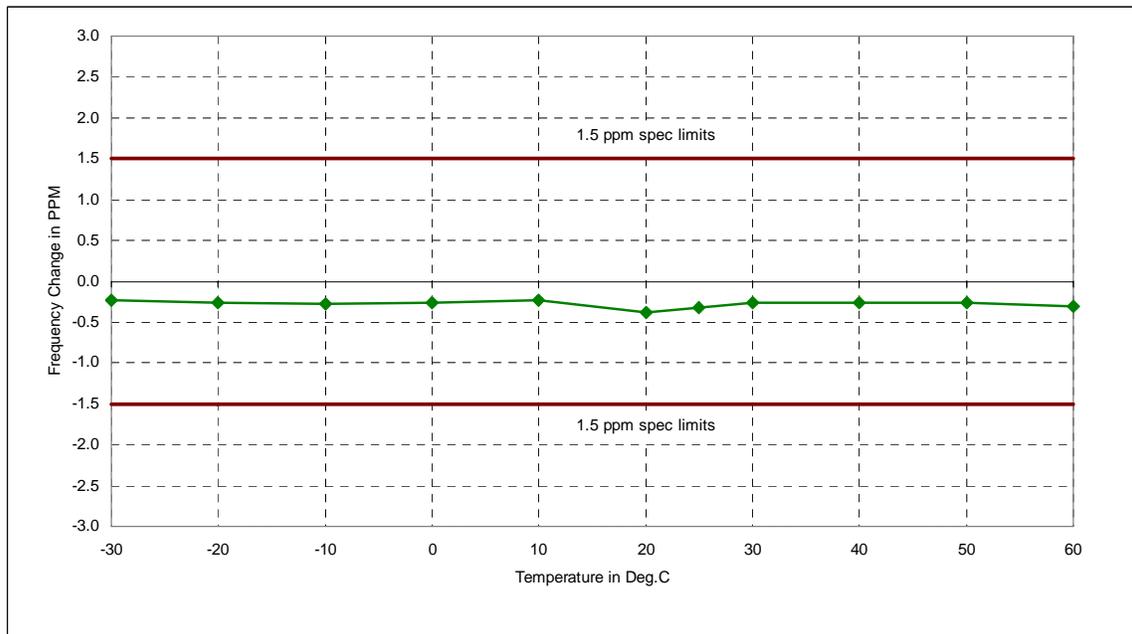


Exhibit 6K-4

Frequency Stability (775.9875 MHz) vs. Temperature

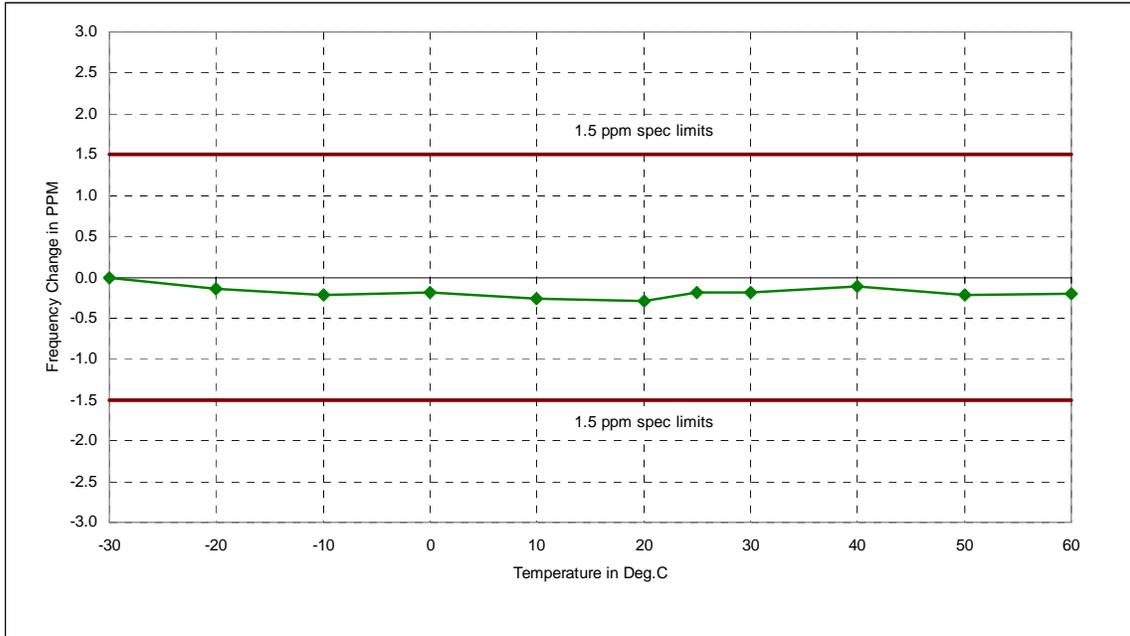


Exhibit 6K-5

Figure 6H-1: Frequency Stability (858.9875 MHz) vs. Temperature

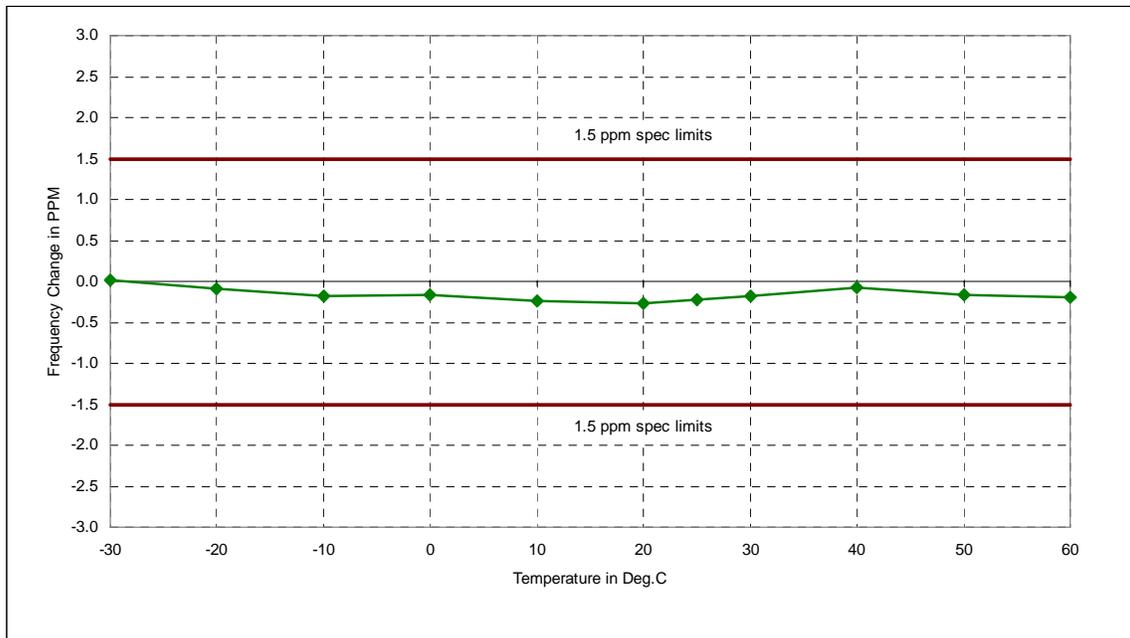


Exhibit 6K-6

EXHIBIT 6L

Transient Frequency Behavior

TX 775.9875 MHz – 12.5 kHz Channel Spacing – Transmitter On

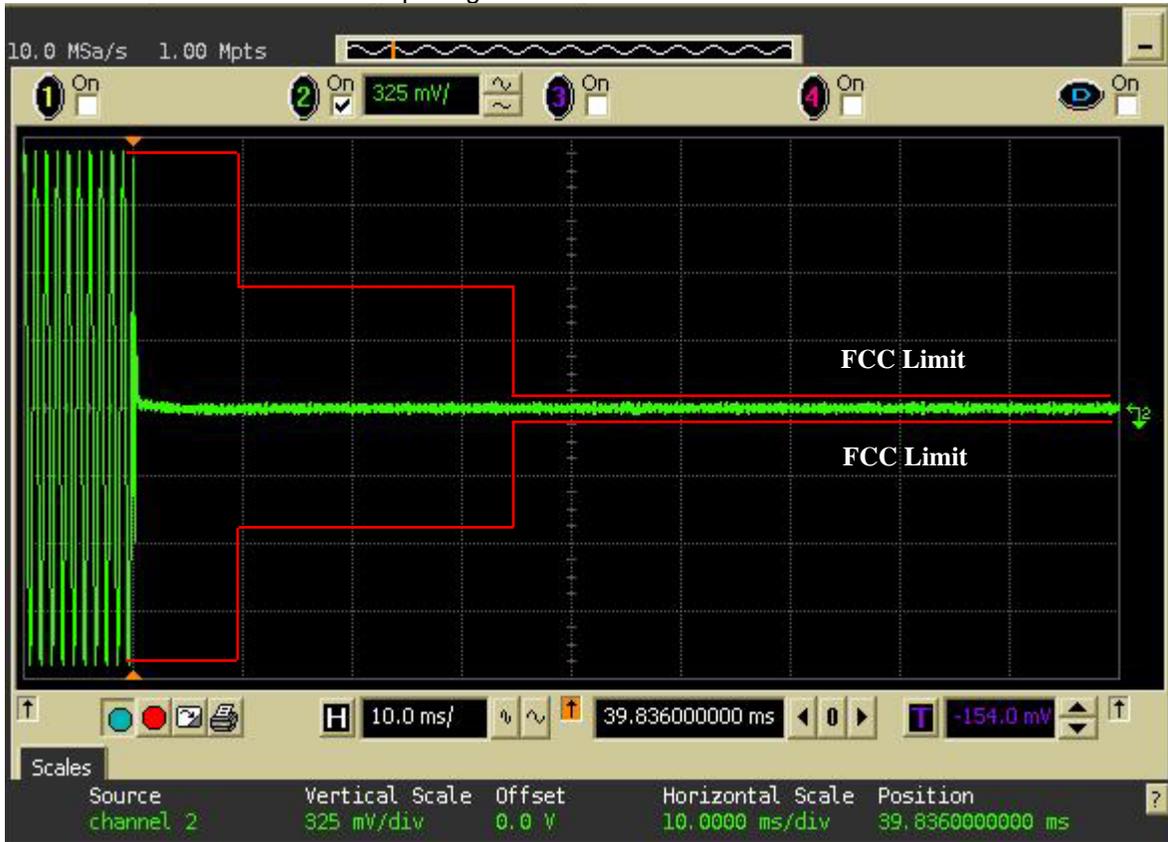


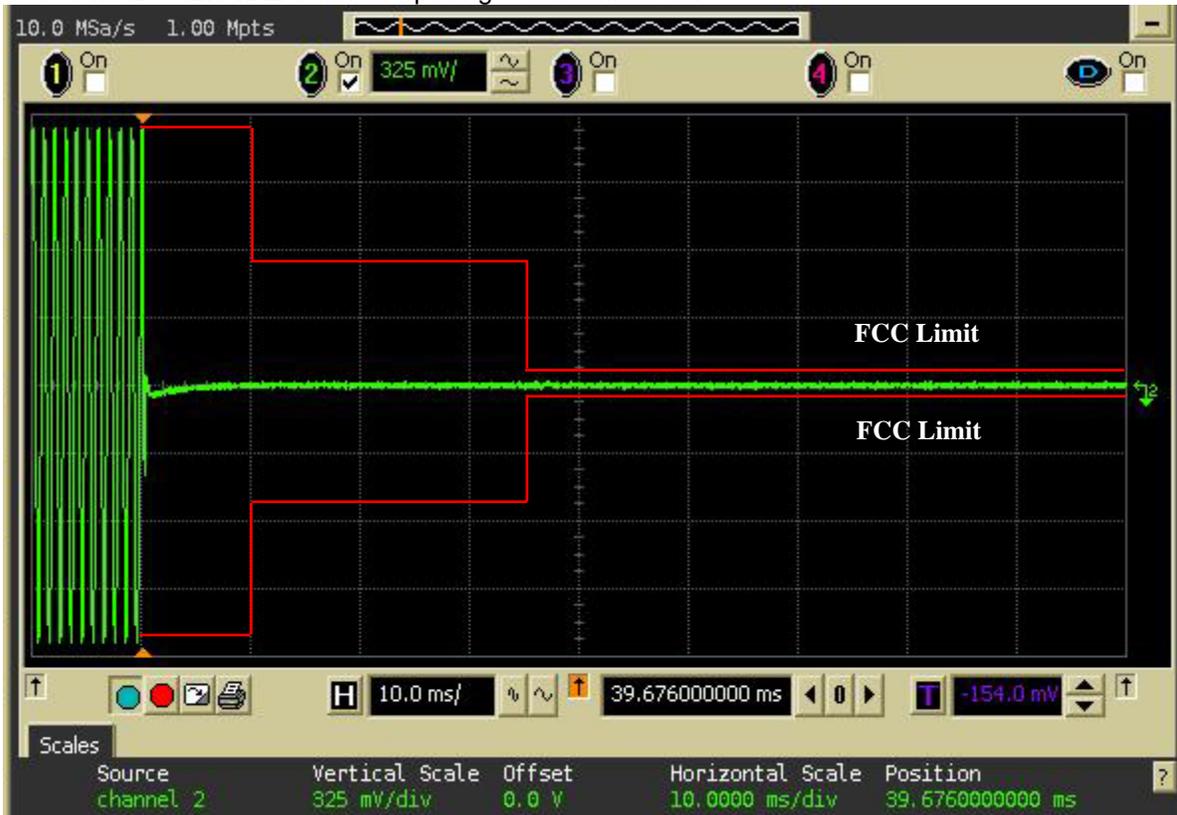
Exhibit 6L-1

TX 775.9875 MHz – 12.5 kHz Channel Spacing – Transmitter Off



Exhibit 6L-2

TX 858.9875 MHz – 12.5 kHz Channel Spacing – Transmitter On

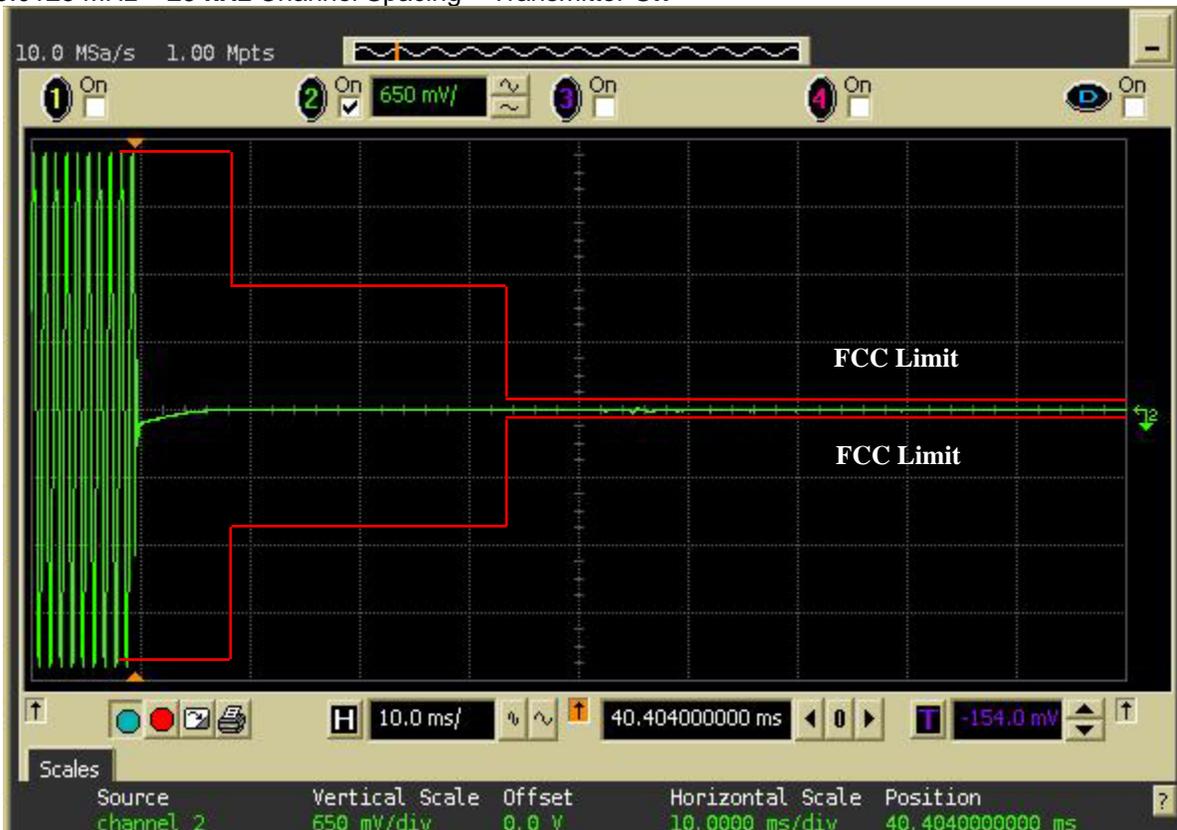


TX 858.9875 MHz – 12.5 kHz Channel Spacing – Transmitter Off



Exhibit 6L-4

TX 425.0125 MHz – 25 kHz Channel Spacing – Transmitter On



TX 775.9875 MHz – 25 kHz Channel Spacing – Transmitter On

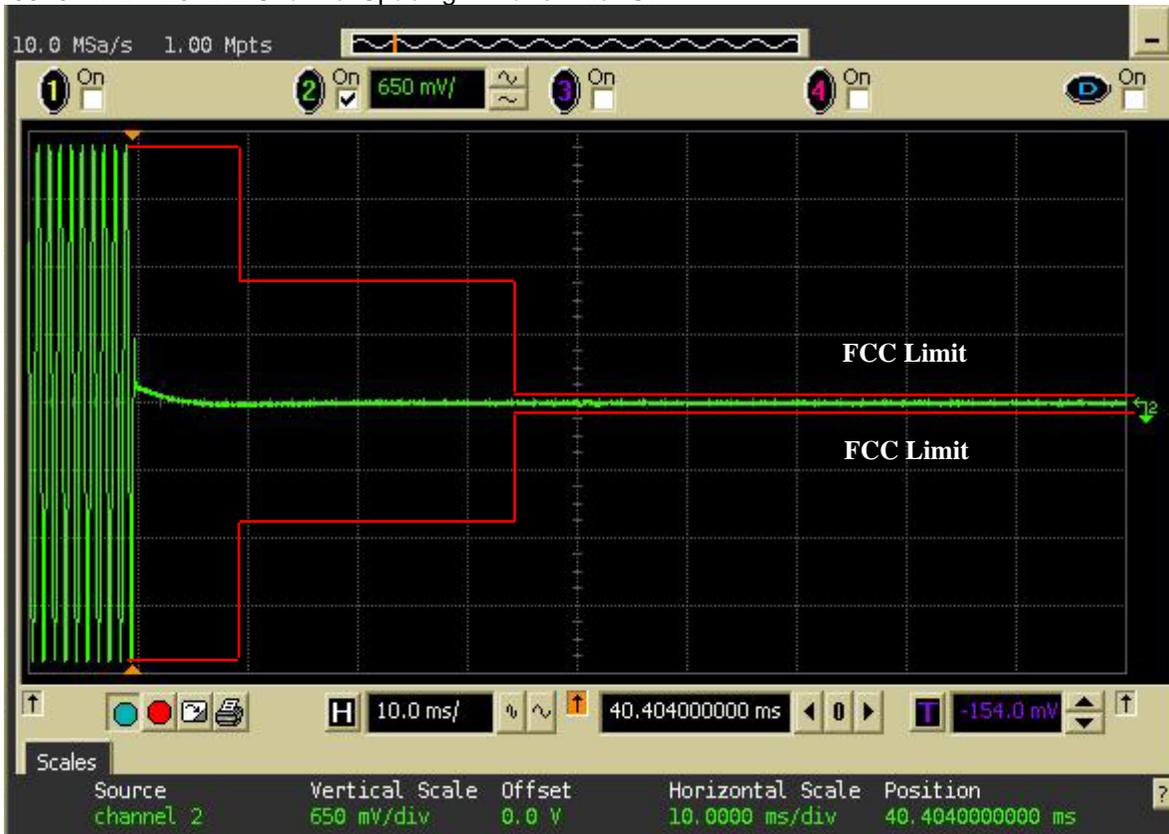


Exhibit 6L-6

TX 775.9875 MHz – 25 kHz Channel Spacing – Transmitter Off



TX 858.9875 MHz – 25 kHz Channel Spacing – Transmitter On

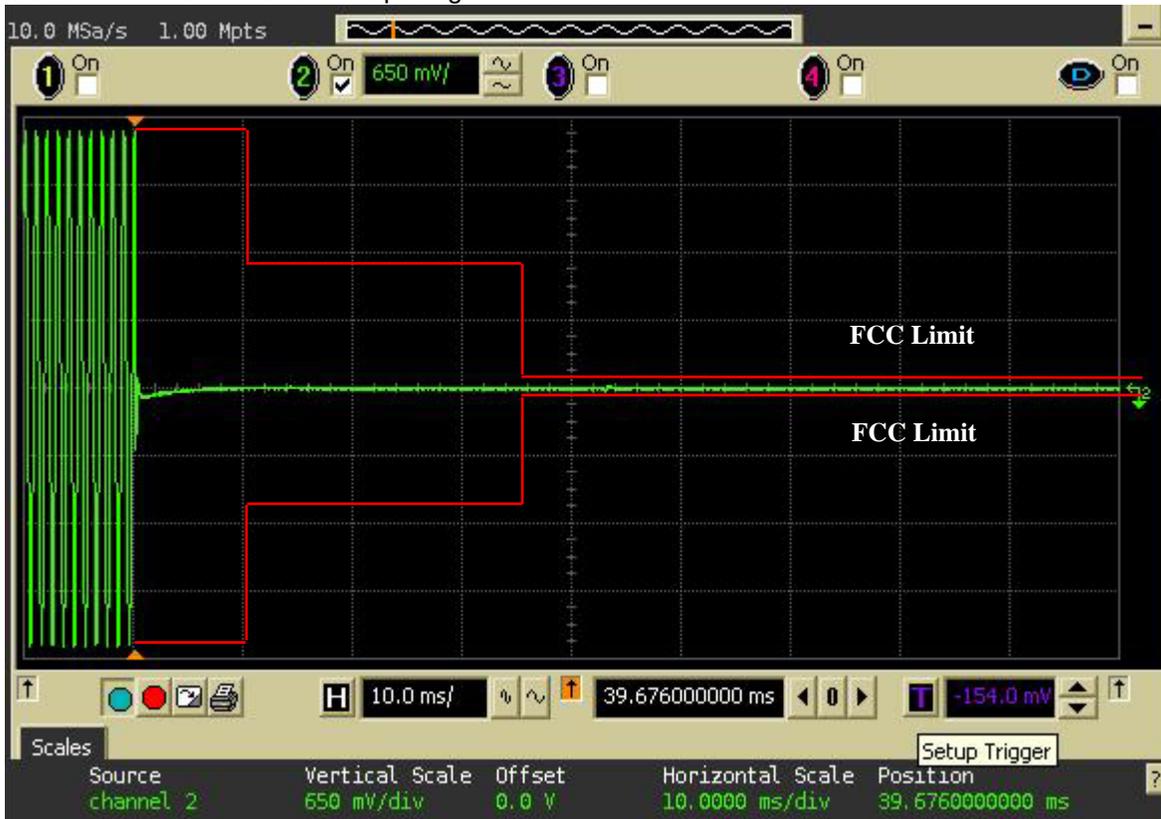


Exhibit 6L-8

TX 858.9875 MHz – 25 kHz Channel Spacing – Transmitter Off

