

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 –485.025 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 –485.025 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 –485.025 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 –485.025 MHz, 25 kHz Channel Spacing
- 6C-5 –775.9875 MHz, 25 kHz Channel Spacing
- 6C-6 –858.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6D – Modulation Limiting

- 6D-1 –485.025 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 –485.025 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 –485.025 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 –485.025 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 –485.025 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 –485.025 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 –485.025 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 –485.025 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 450.075 MHz and 485.075MHz, 25 kHz Channel Spacing
- 6G-2 - High Power 519.975 MHz, 25 kHz Channel Spacing
- 6G-3 - High Power 764.0125MHz and 775.9875MHz, 25 kHz Channel Spacing
- 6G-4 - High Power 794.0125 MHz, 25 kHz Channel Spacing
- 6G-5 - High Power 805MHz and 823.9875MHz, 25 kHz Channel Spacing
- 6G-6 - High Power 851.0125MHz and 869.8875MHz, 25 kHz Channel Spacing

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

EXHIBIT 6I – Conducted Spurious Emissions

- 6I-1 - High Power 450.075 MHz, 25 kHz Channel Spacing
- 6I-2 - High Power 485.075 MHz, 25 kHz Channel Spacing
- 6I-3 - High Power 519.975 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

EXHIBIT 6K – Frequency Stability (Volt/Temp)

- 6K-1 – 485.025 MHz vs. Supply Voltage
- 6K-2 – 775.9875 MHz vs. Supply Voltage
- 6K-3 – 851.0125 MHz vs. Supply Voltage
- 6K-4 – 485.025 MHz vs. Temperatures
- 6K-5 – 775.9875 MHz vs. Temperatures
- 6K-6 – 851.0125 MHz vs. Temperatures

EXHIBIT 6L – Transient Frequency Behavior

- 6L-1 – 485.075 MHz, 12.5 kHz Channel Spacing – Transmitter On
- 6L-2 – 485.075 MHz, 12.5 kHz Channel Spacing – Transmitter Off
- 6L-3 – 775.9875 MHz, 12.5 kHz Channel Spacing – Transmitter On
- 6L-4 – 775.9875 MHz, 12.5 kHz Channel Spacing – Transmitter Off
- 6L-6 – 851.0125 MHz, 12.5 kHz Channel Spacing – Transmitter Off
- 6L-7 – 851.0125 MHz, 12.5 kHz Channel Spacing – Transmitter On
- 6L-8 – 485.075 MHz, 25 kHz Channel Spacing – Transmitter On
- 6L-9 – 485.075 MHz, 25 kHz Channel Spacing – Transmitter Off
- 6L-10 – 775.9875 MHz, 25 kHz Channel Spacing – Transmitter On
- 6L-11 – 775.9875 MHz, 25 kHz Channel Spacing – Transmitter Off
- 6L-12 – 775.9875 MHz, 25 kHz Channel Spacing – Transmitter On
- 6L-13 – 851.0125 MHz, 25 kHz Channel Spacing – Transmitter Off
- 6L-14 – 851.0125 MHz, 25 kHz Channel Spacing – Transmitter On

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 = 485.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.04 Amps
Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.45 Amps
Output RF power	5.6 Watts
DC Voltage	7.50 Volts
DC Current	1.93 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	1.28 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.57 Amps

Frequency= 860.0125 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	1.69 Amps

EXHIBIT 6B

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

Audio Frequency Response (Freq: 485.025 MHz , ChSp: 12.5kHz)

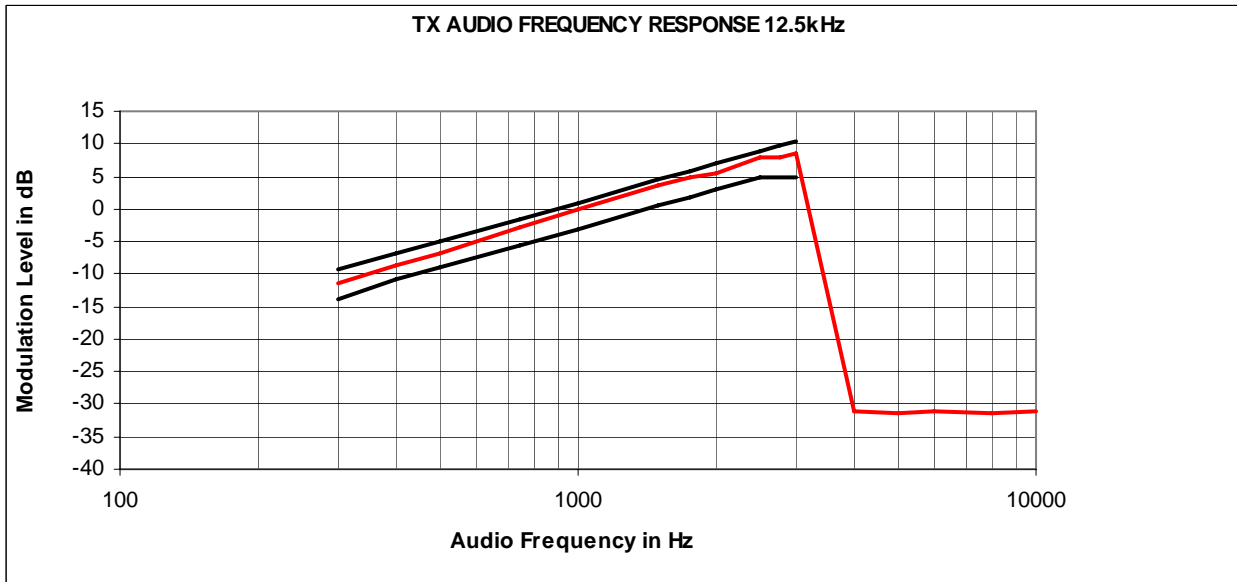


Exhibit 6B-1

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

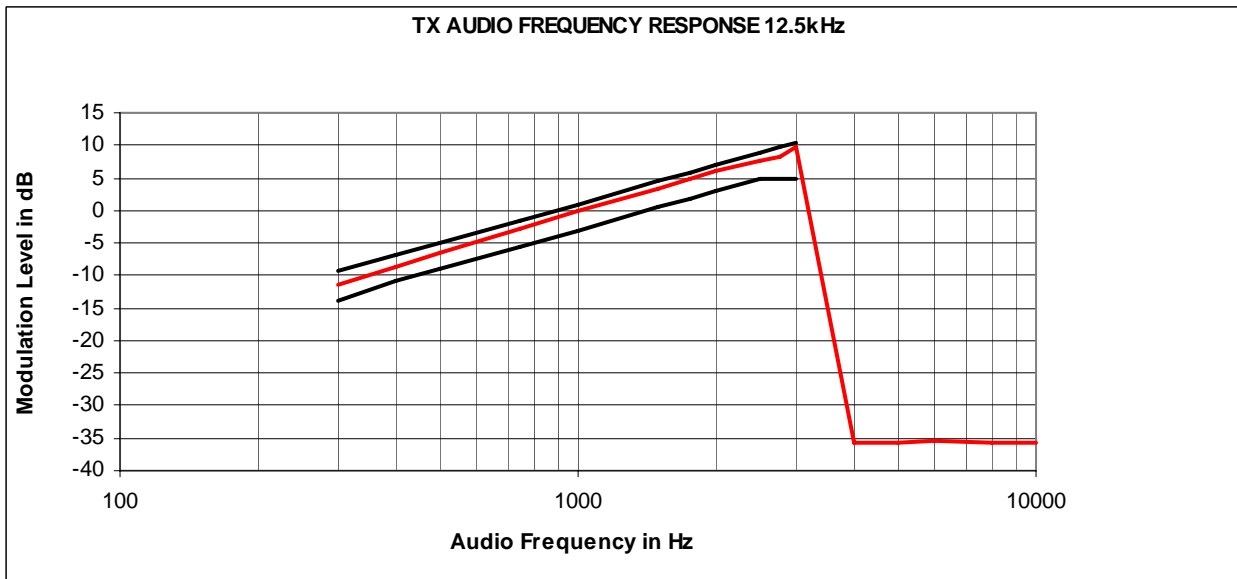


Exhibit 6B-2

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

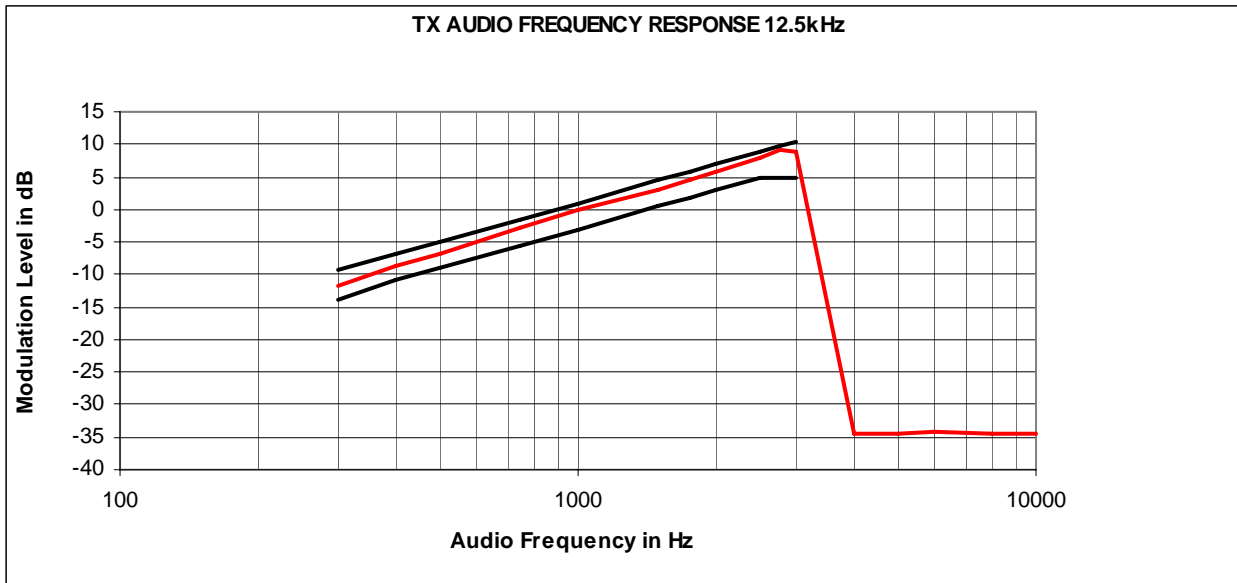


Exhibit 6B-3

Audio Frequency Response (Freq: 485.025 MHz , ChSp: 25kHz)

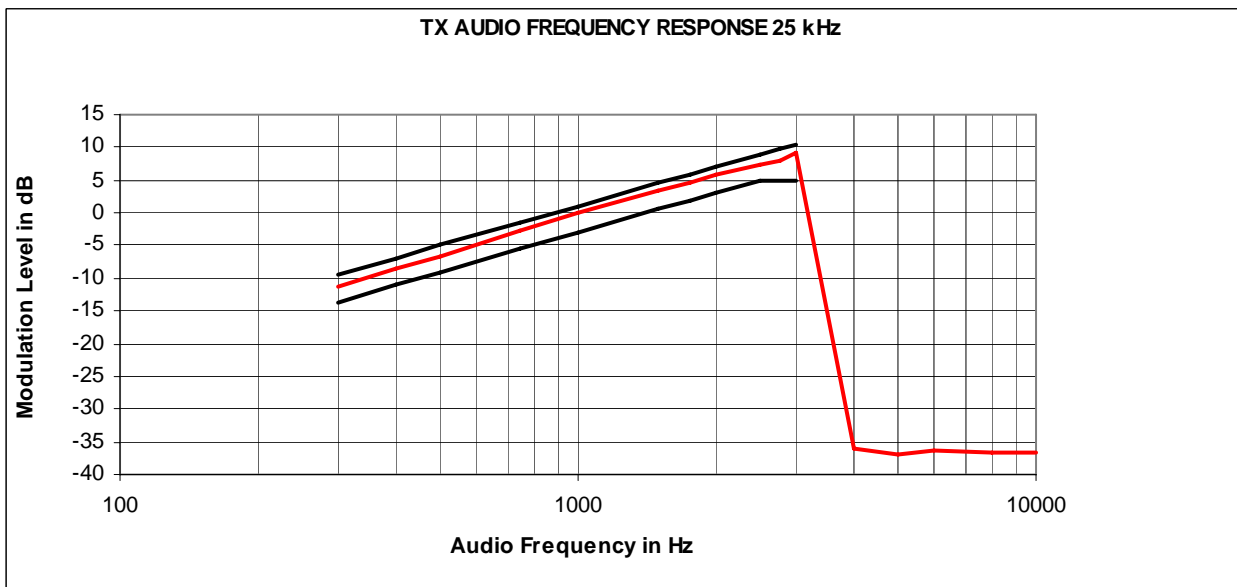


Exhibit 6B-4

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

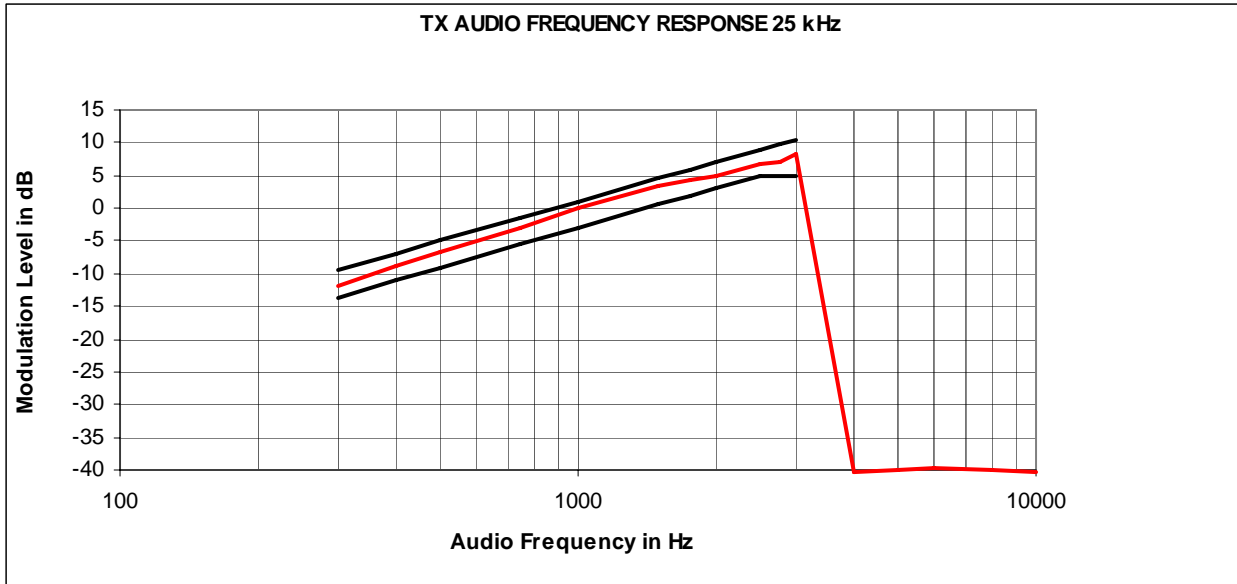


Exhibit 6B-5

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

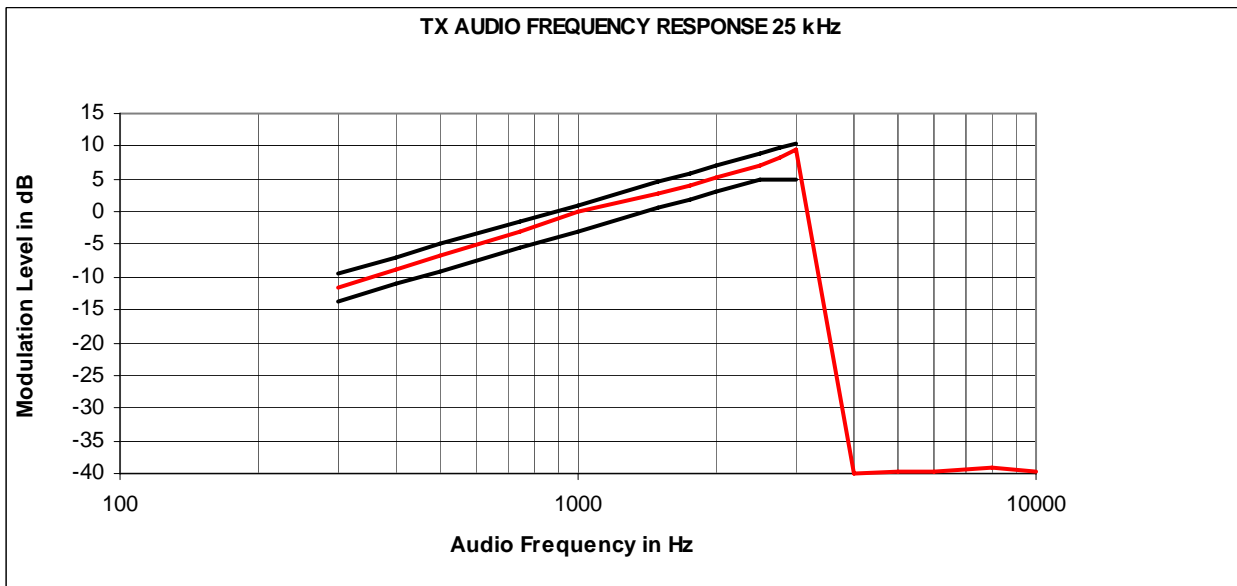


Exhibit 6B-6

Transmit Low Pass Filter Frequency Response

(Freq: 485.025 MHz , ChSp: 12.5kHz)

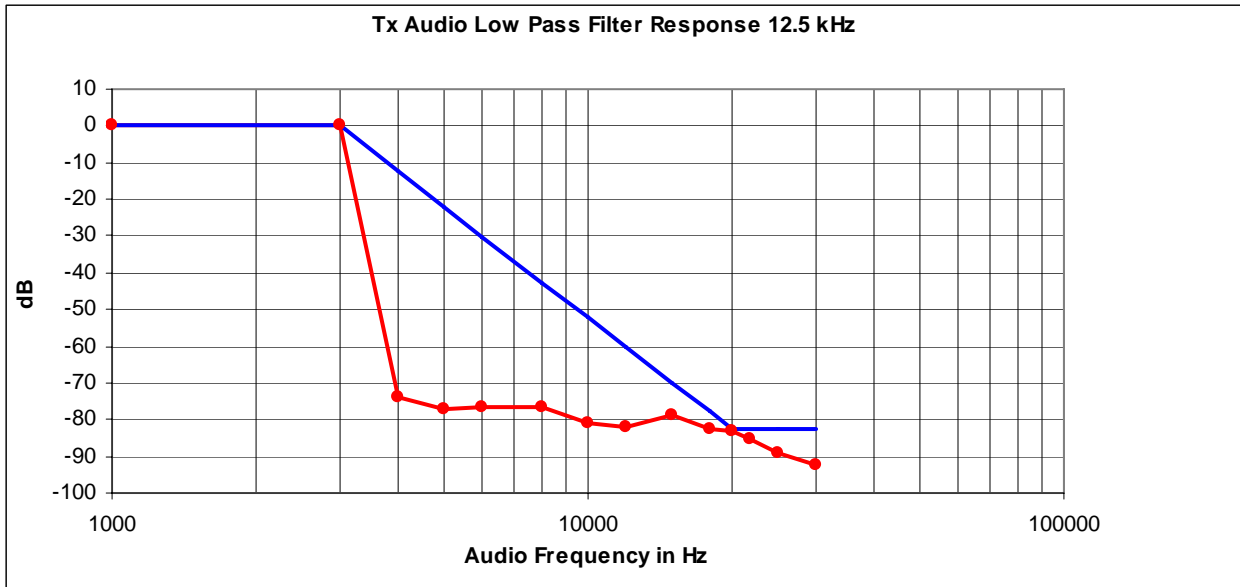


Exhibit 6C-1

Transmit Low Pass Filter Frequency Response

(Freq: 775.9875 MHz , ChSp: 12.5kHz)

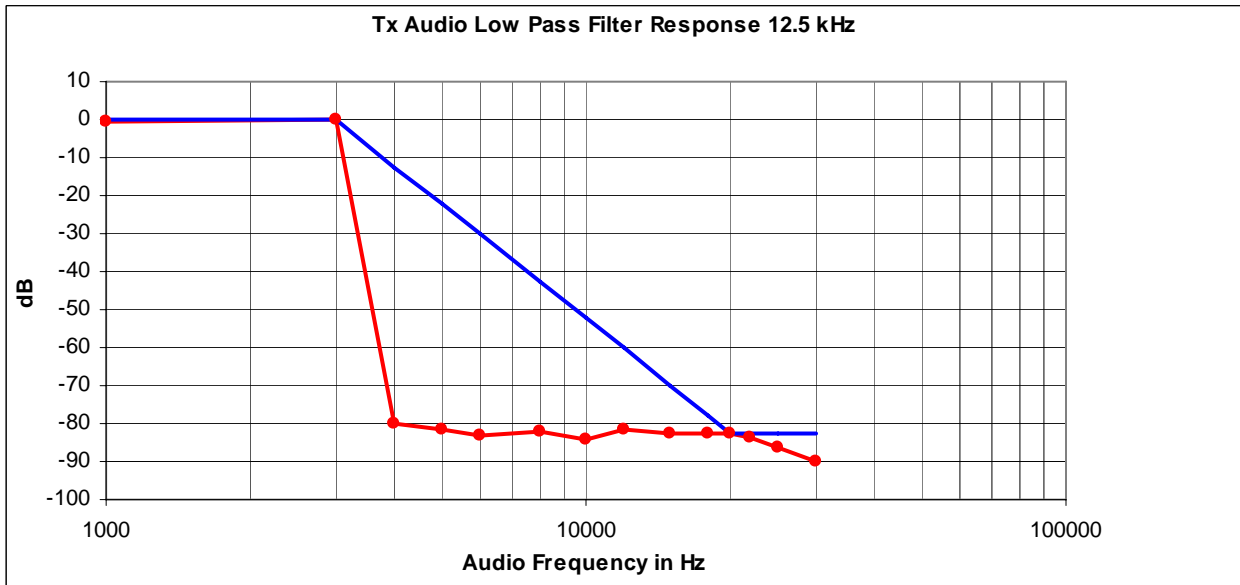


Exhibit 6C-2

Transmit Low Pass Filter Frequency Response

(Freq: 858.9875 MHz , ChSp: 12.5kHz)

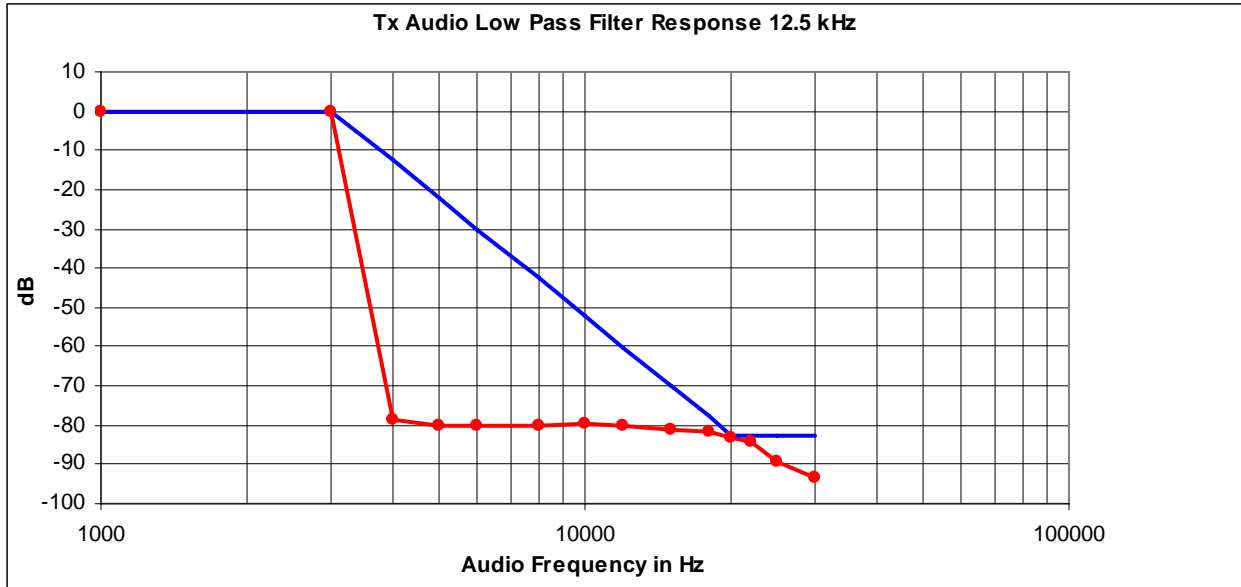


Exhibit 6C-3

Transmit Low Pass Filter Frequency Response

(Freq: 485.025 MHz , ChSp: 25kHz)

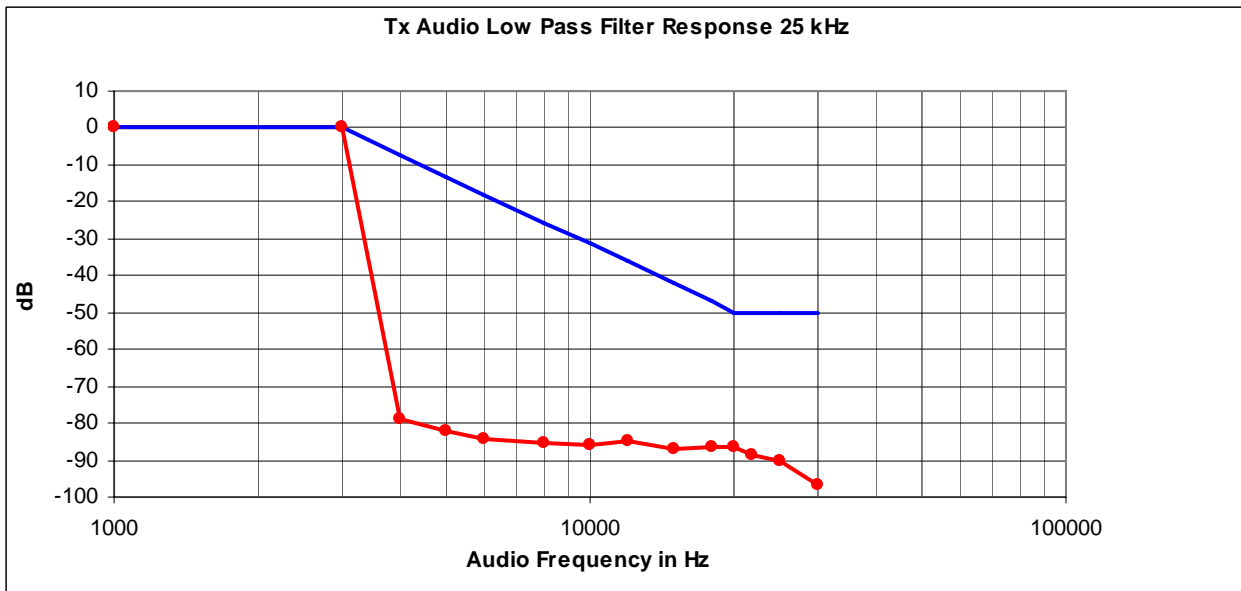


Exhibit 6C-4

Transmit Low Pass Filter Frequency Response

(Freq: 775.9875 MHz , ChSp: 25kHz)

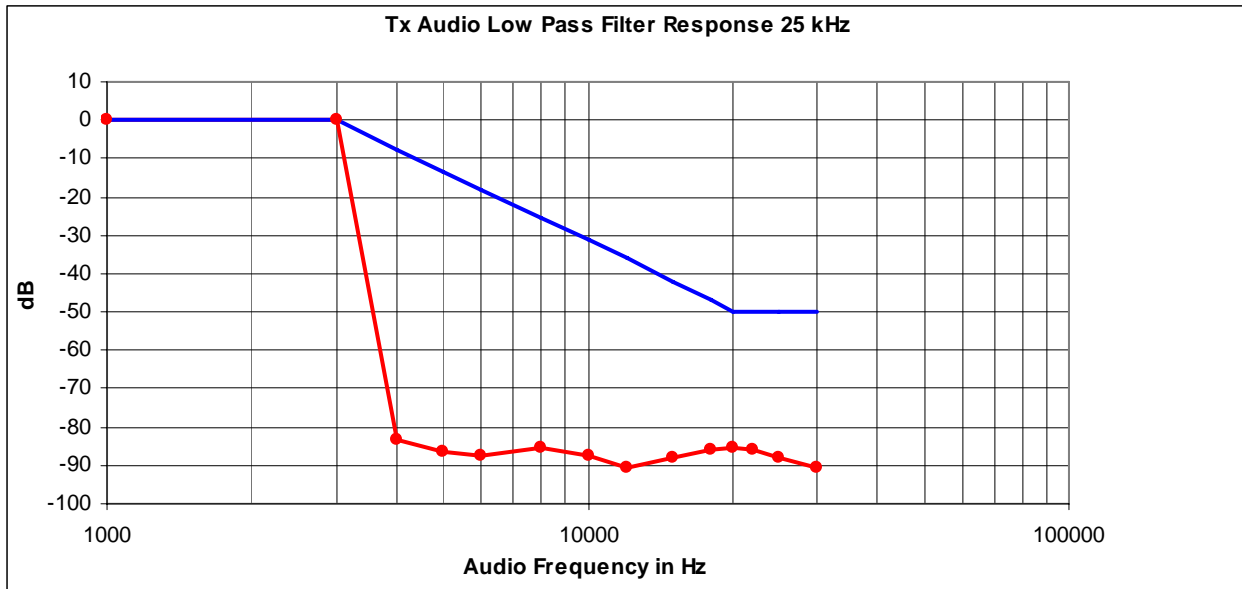


Exhibit 6C-5

Transmit Low Pass Filter Frequency Response

(Freq: 858.9875MHz , ChSp: 25kHz)

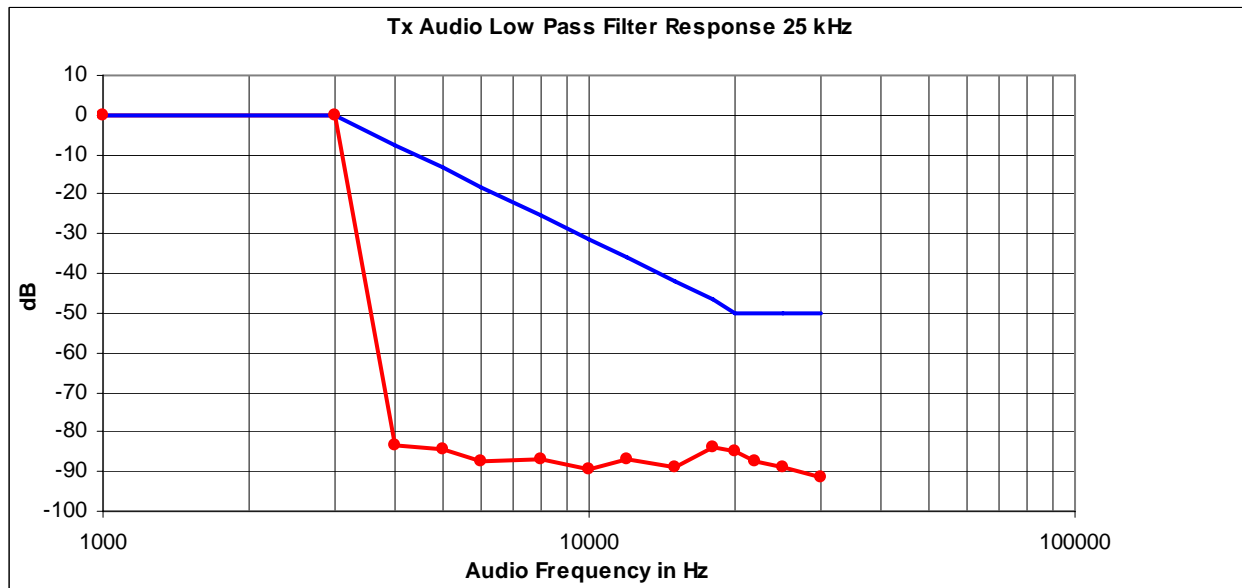


Exhibit 6C-6

EXHIBIT 6D

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

Modulation Limiting (Freq: 485.025 , ChSp: 12.5kHz)

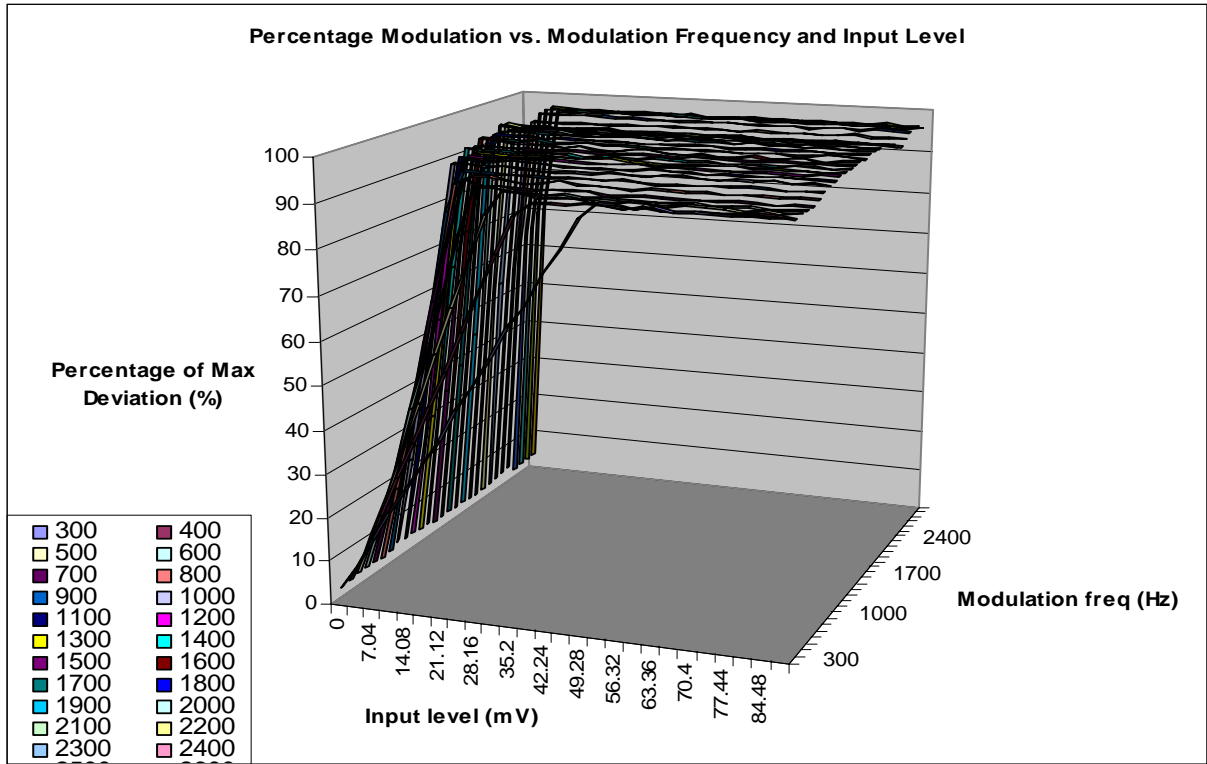
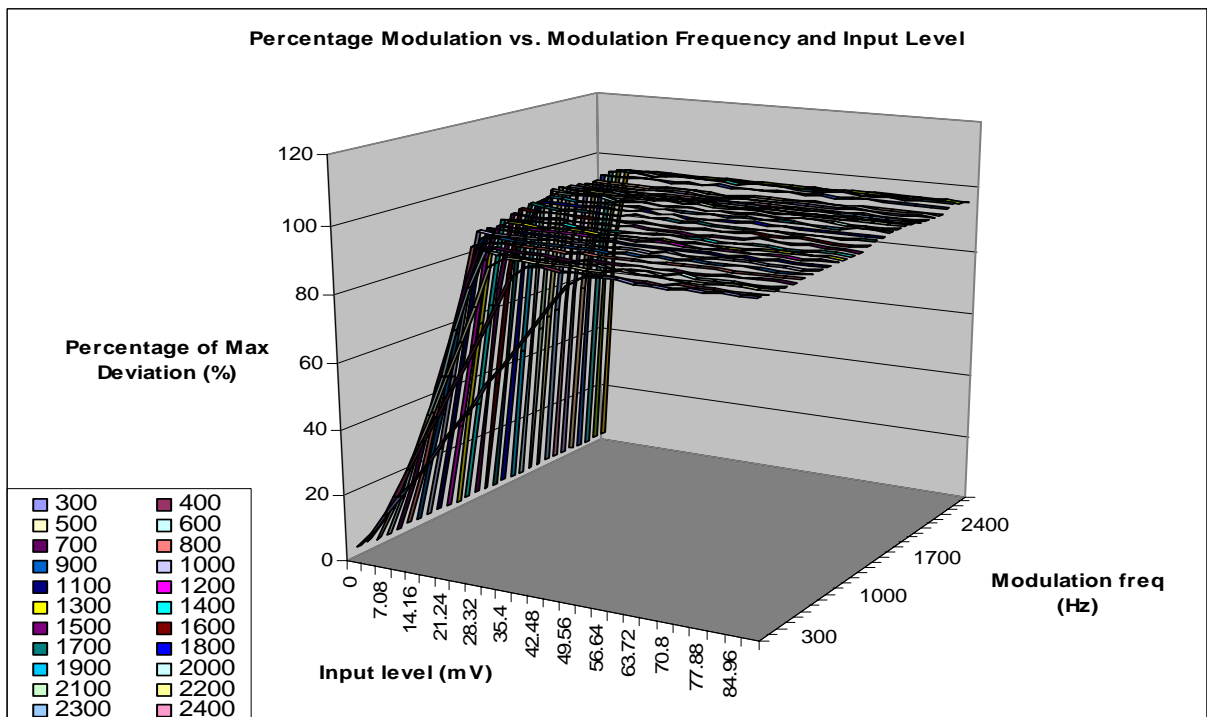


Exhibit 6D-1

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



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

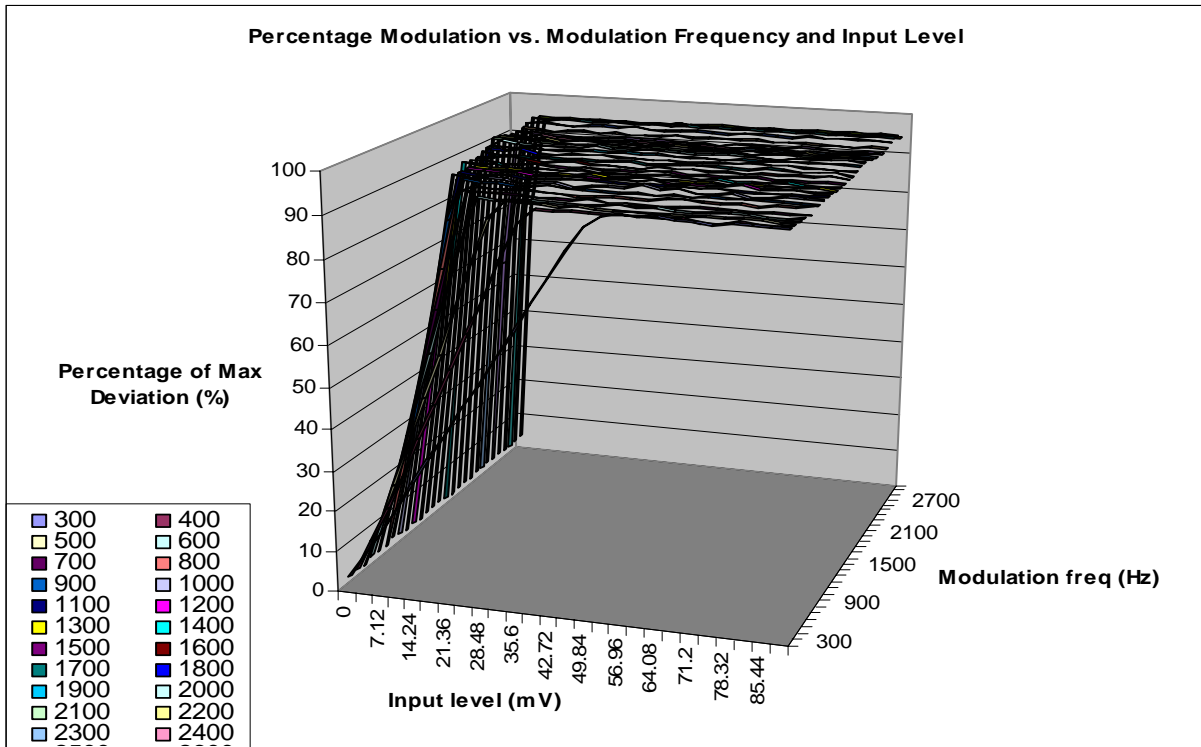
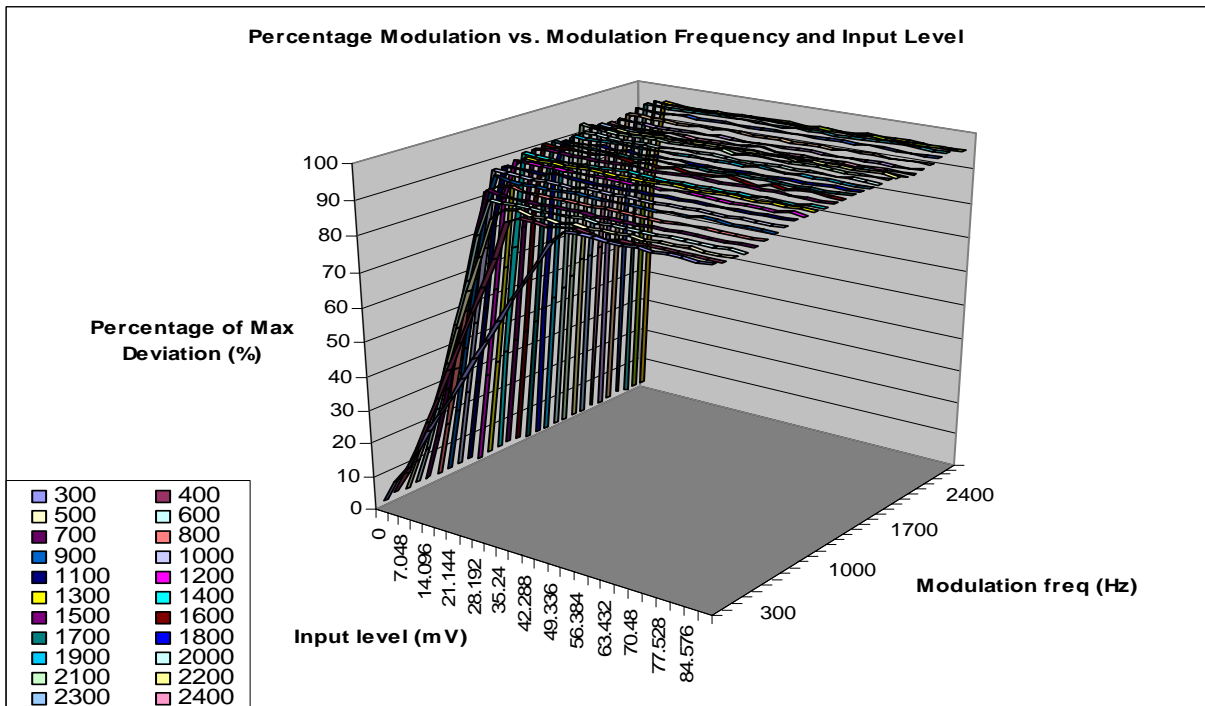


Exhibit 6D-3

Modulation Limiting (Freq: 485.025 , ChSp: 25kHz)



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

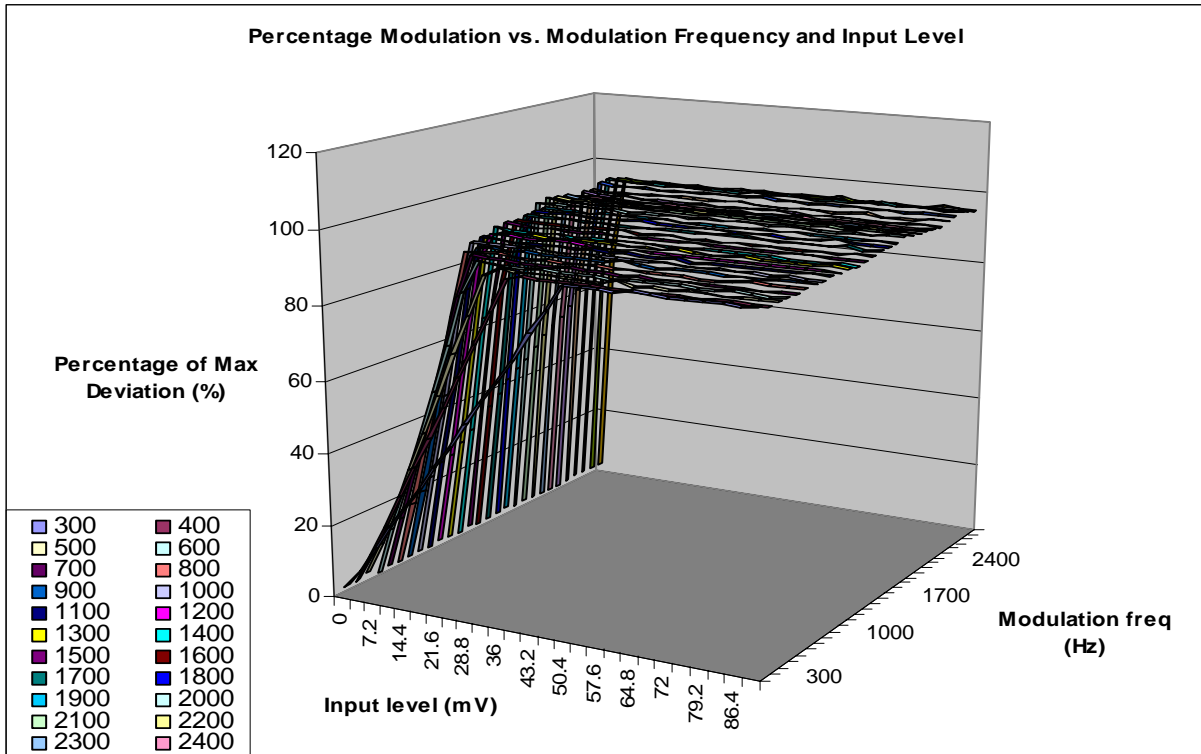


Exhibit 6D-5

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

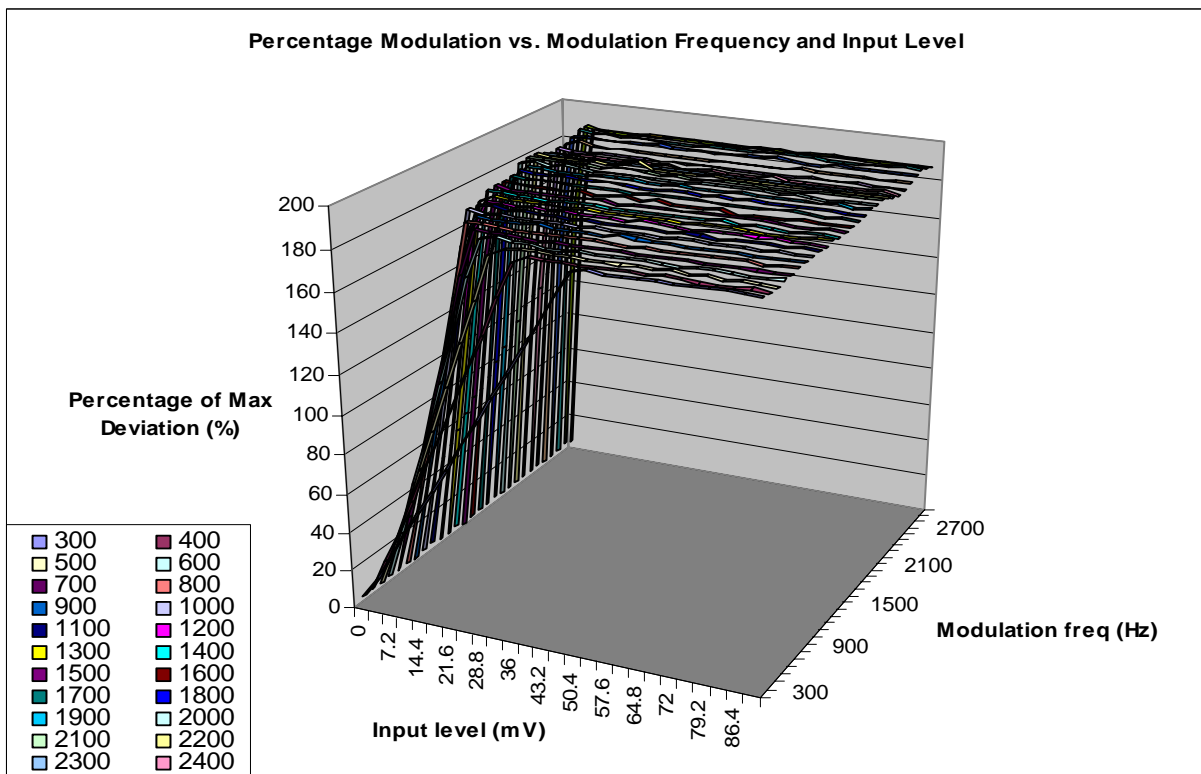


Exhibit 6D-6

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: AZ489FT7042.

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

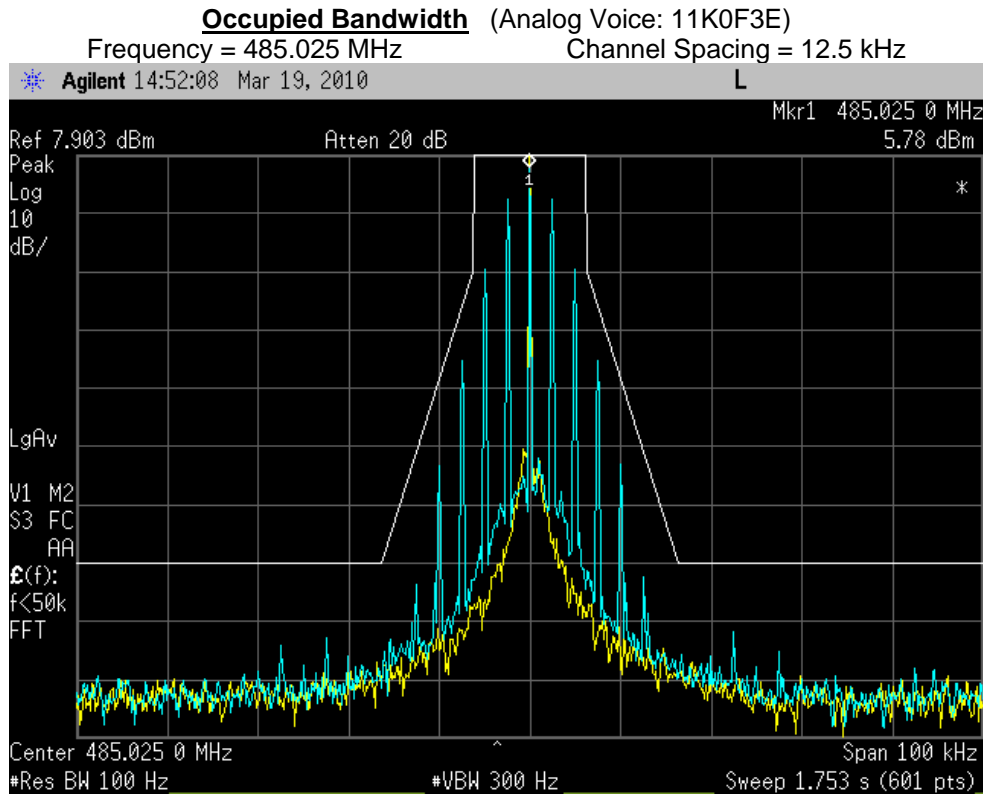


Exhibit 6E-1

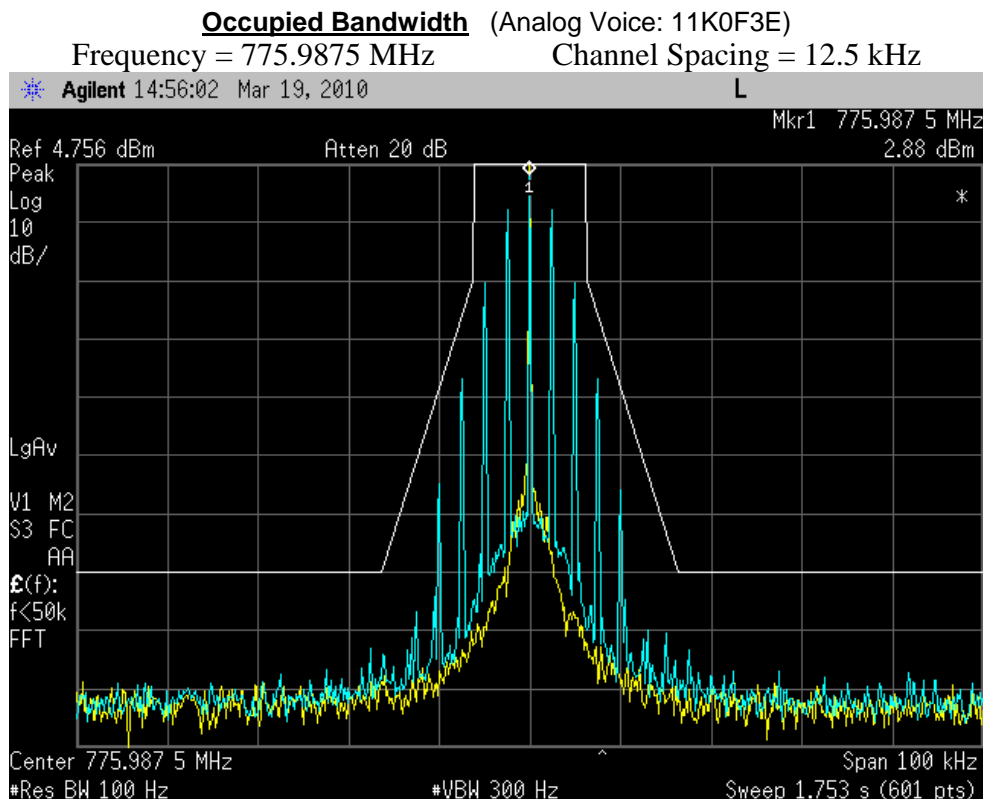


Exhibit 6E-2

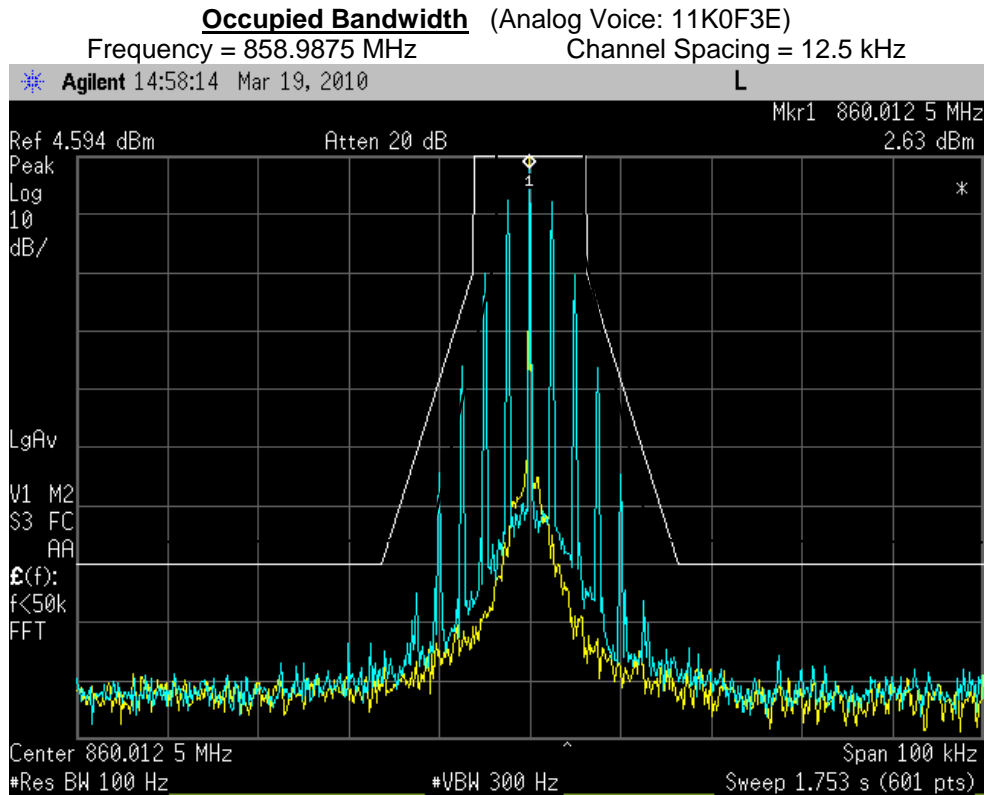


Exhibit 6E-3

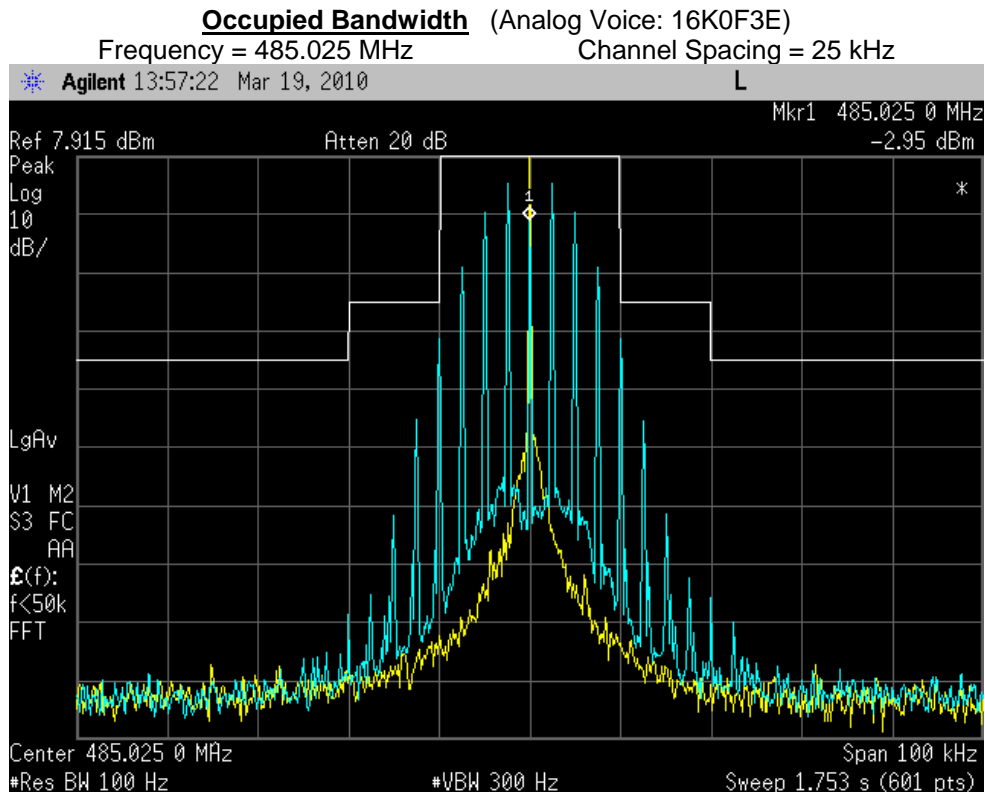


Exhibit 6E-4

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

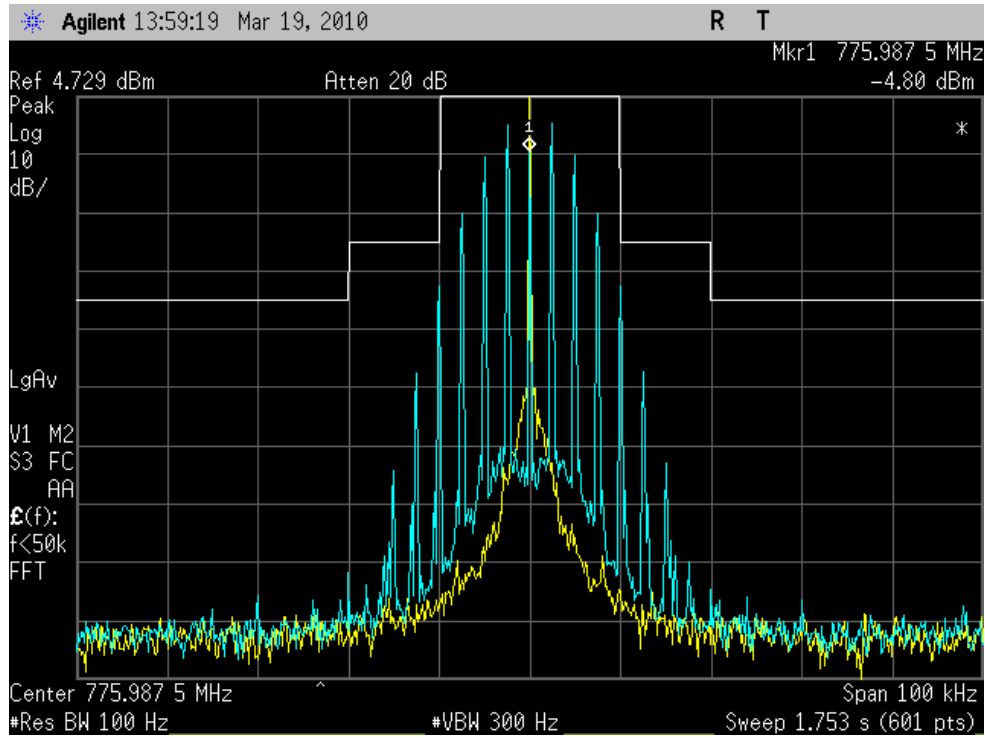


Exhibit 6E-5

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

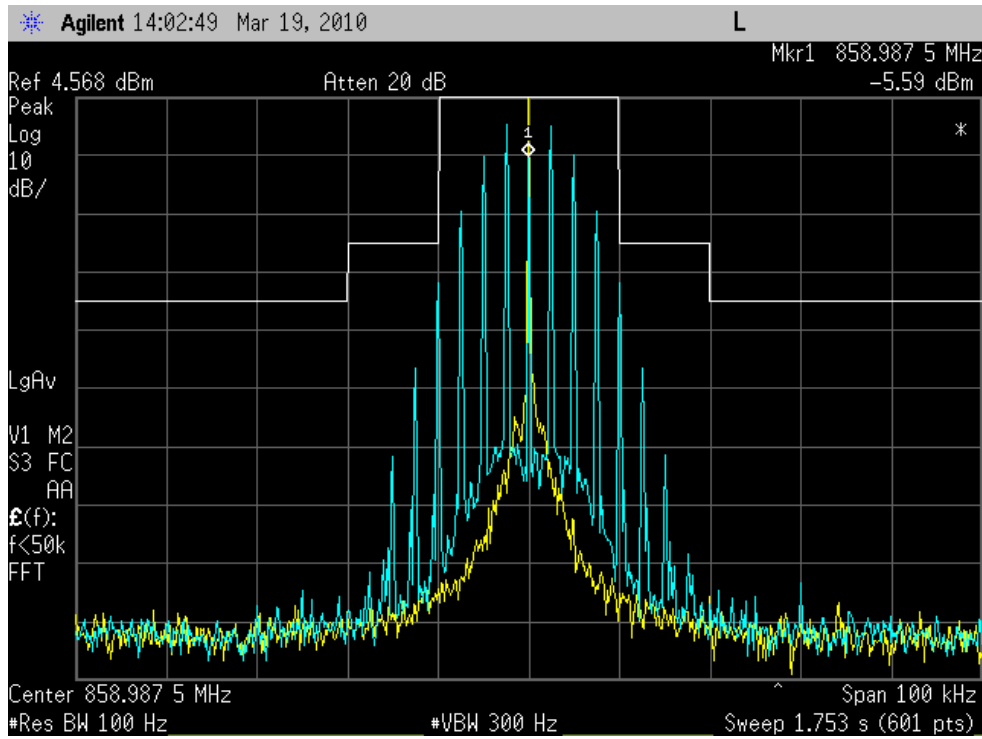


Exhibit 6E-6

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 485.025 MHz Channel Spacing = 12.5 kHz

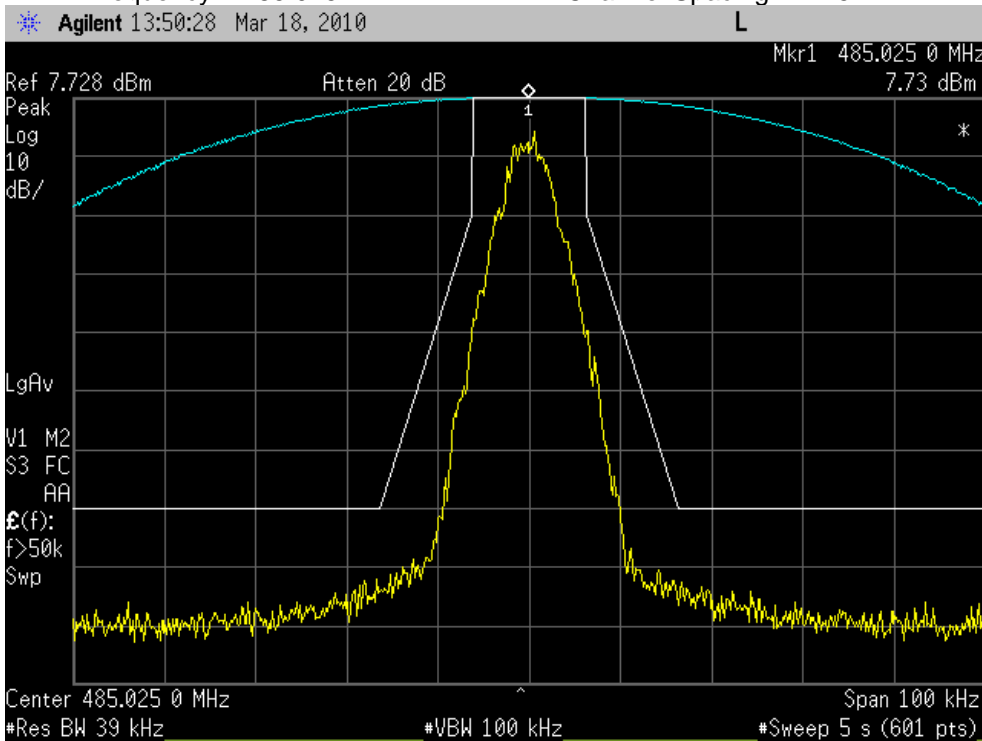


Exhibit 6E-7

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 775.9875 MHz Channel Spacing = 12.5 kHz

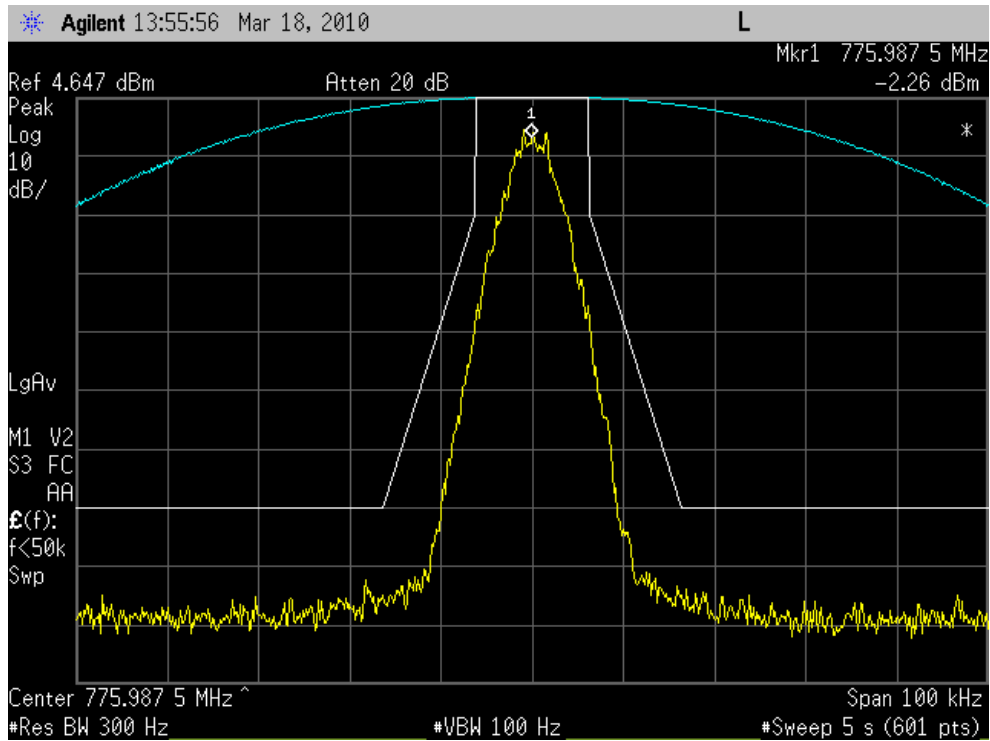


Exhibit 6E-8

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 858.9875 MHz Channel Spacing = 12.5 kHz

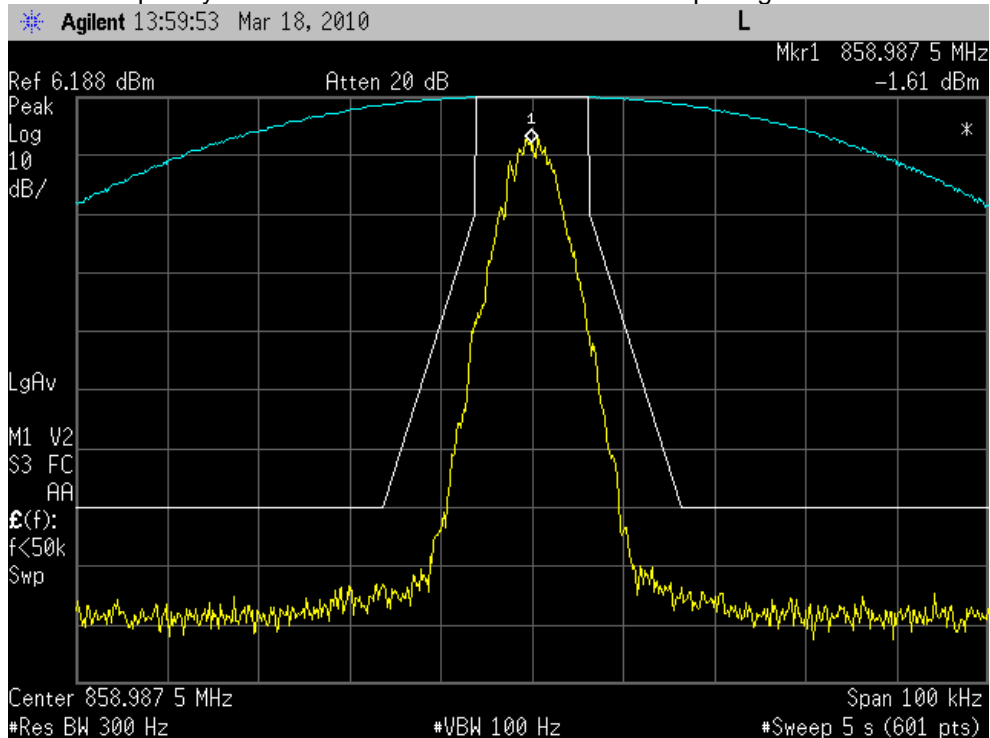


Exhibit 6E-9

Occupied Bandwidth (Digital Voice: 8K10F1E)

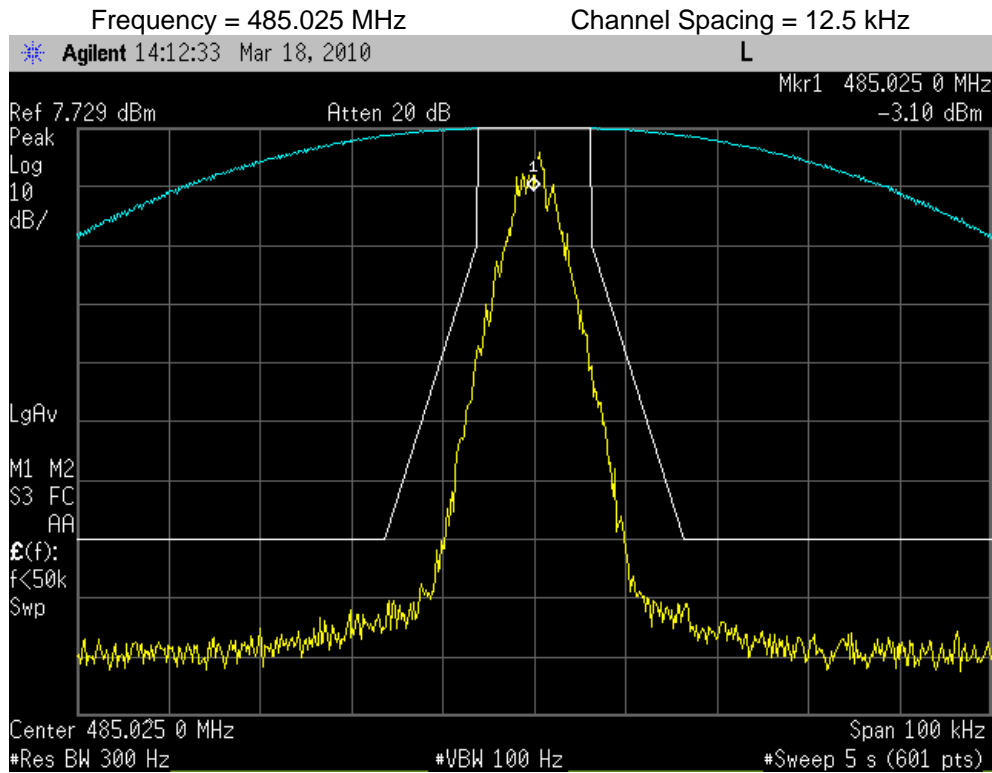


Exhibit 6E-10

Occupied Bandwidth (Digital Voice: 8K10F1E)

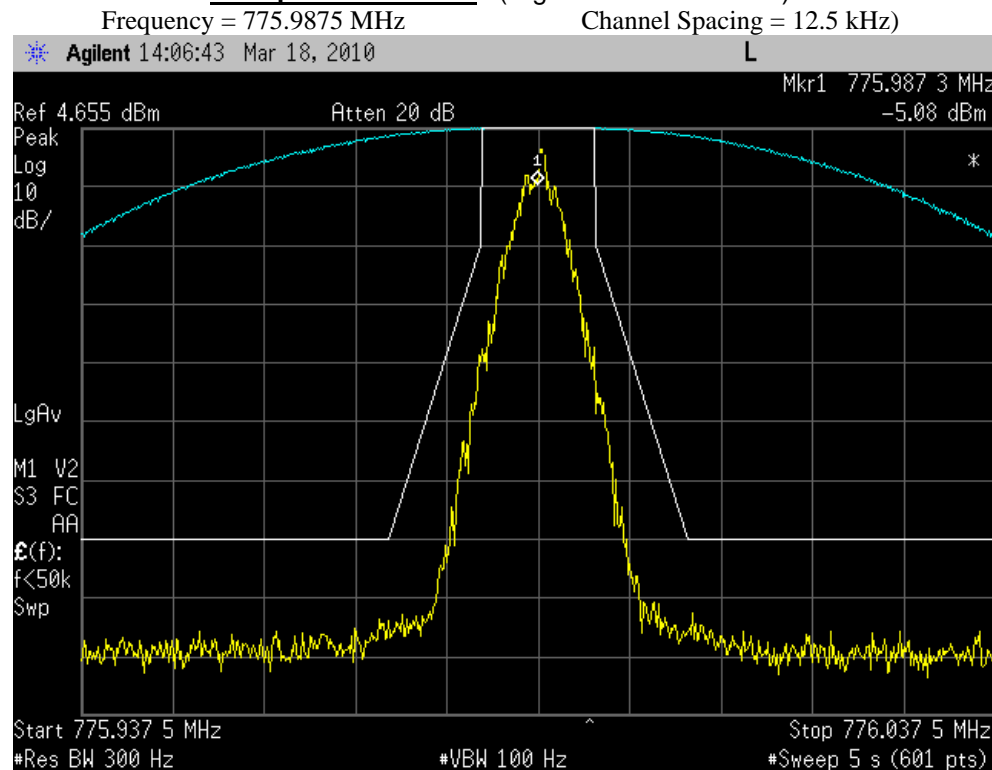


Exhibit 6E-11

Occupied Bandwidth (Digital Voice: 8K10F1E)

Frequency = 858.9875 MHz Channel Spacing = 12.5 kHz

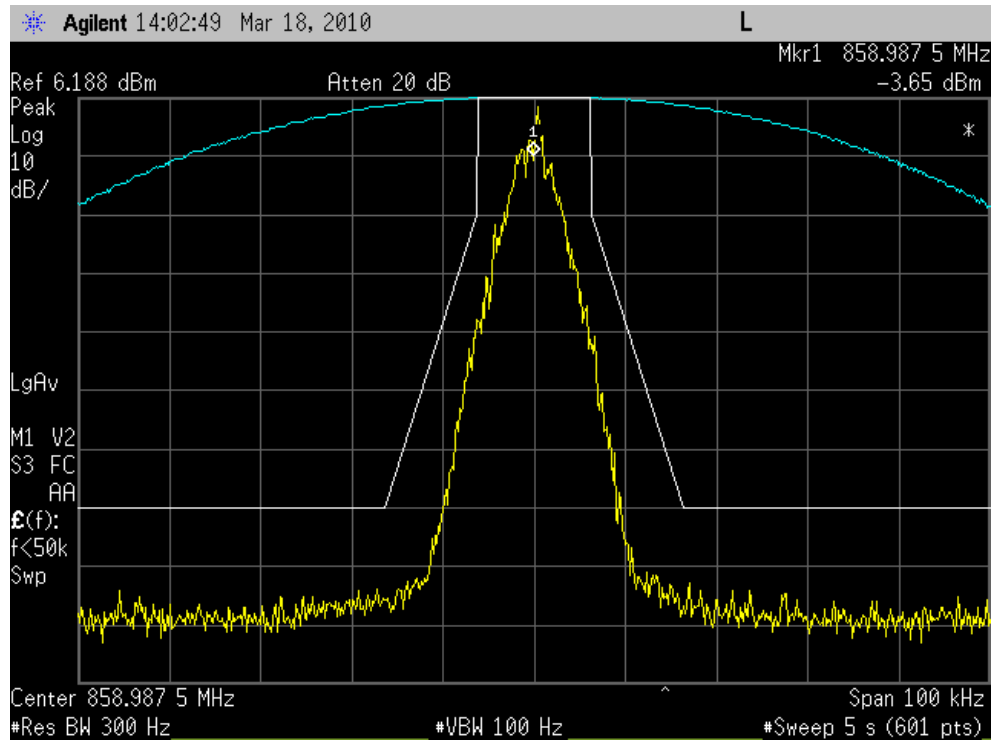


Exhibit 6E-12

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 485.025 MHz Channel Spacing = 12.5 kHz

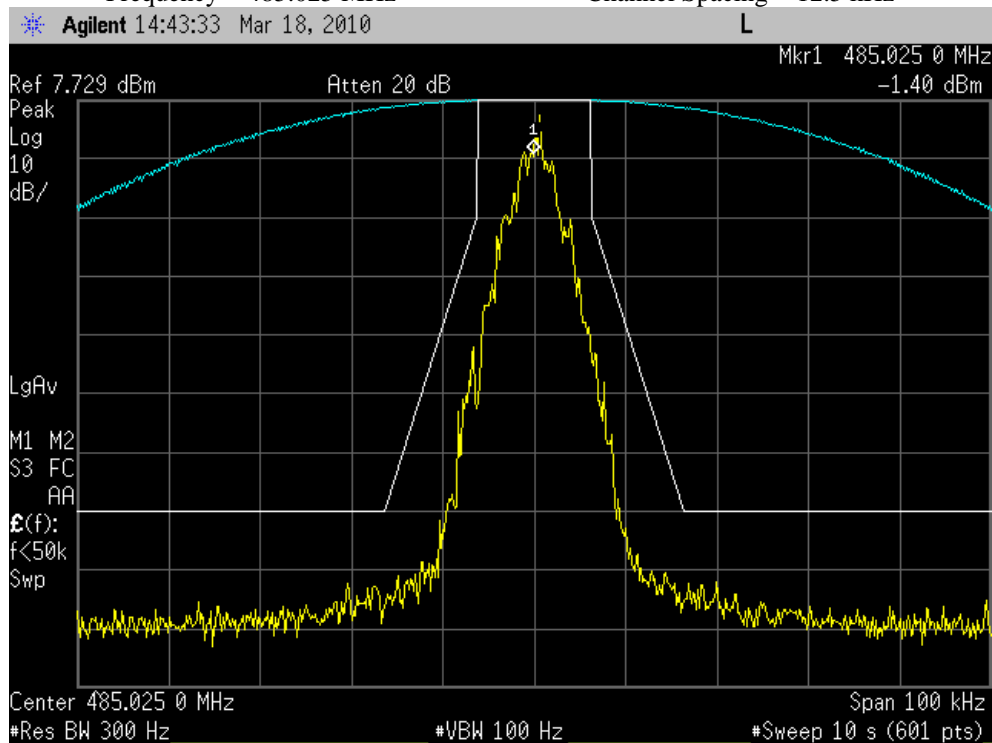


Exhibit 6E-13

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 775.9875 MHz Channel Spacing = 12.5 kHz

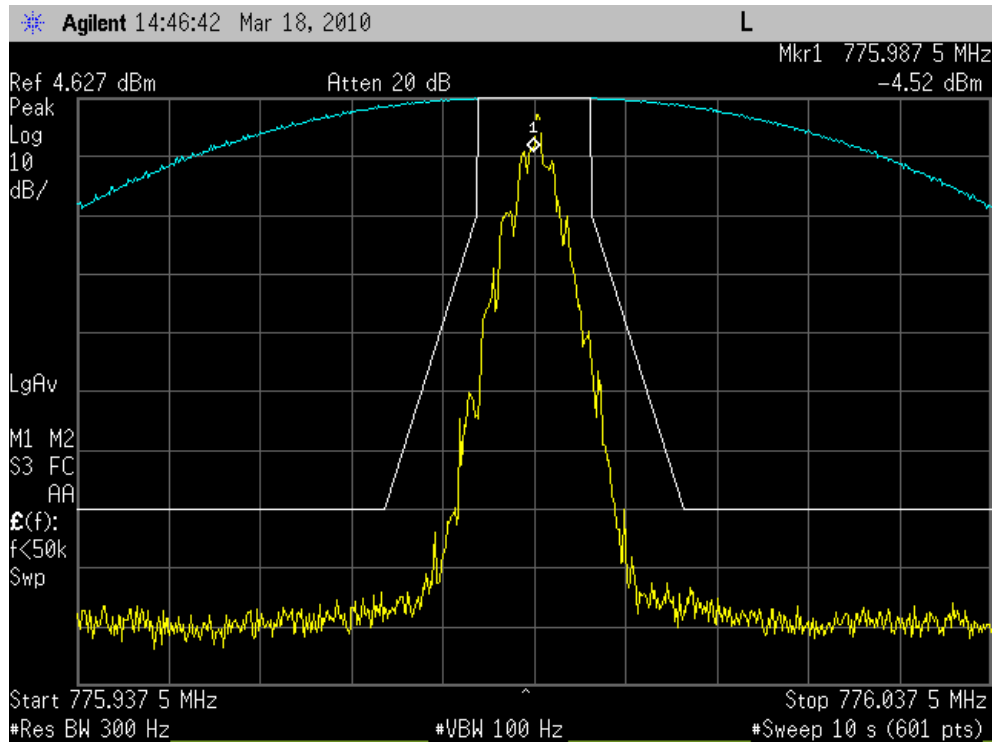


Exhibit 6E-14

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 859.9875 MHz Channel Spacing = 12.5 kHz

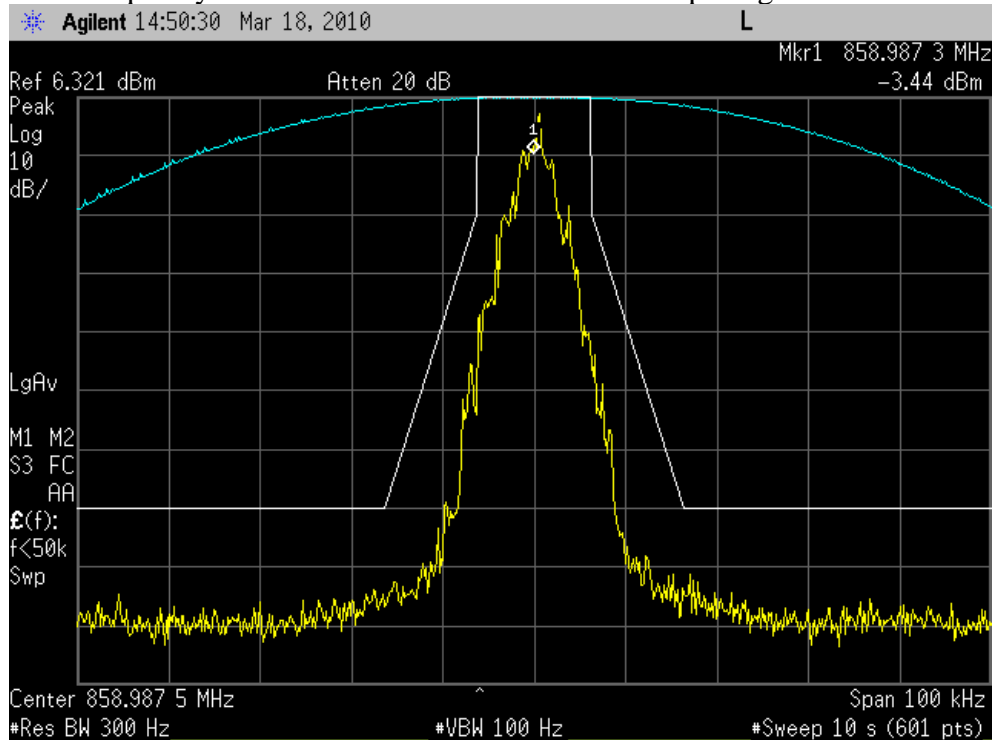


Exhibit 6E-15

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 485.025 MHz Channel Spacing = 25 kHz

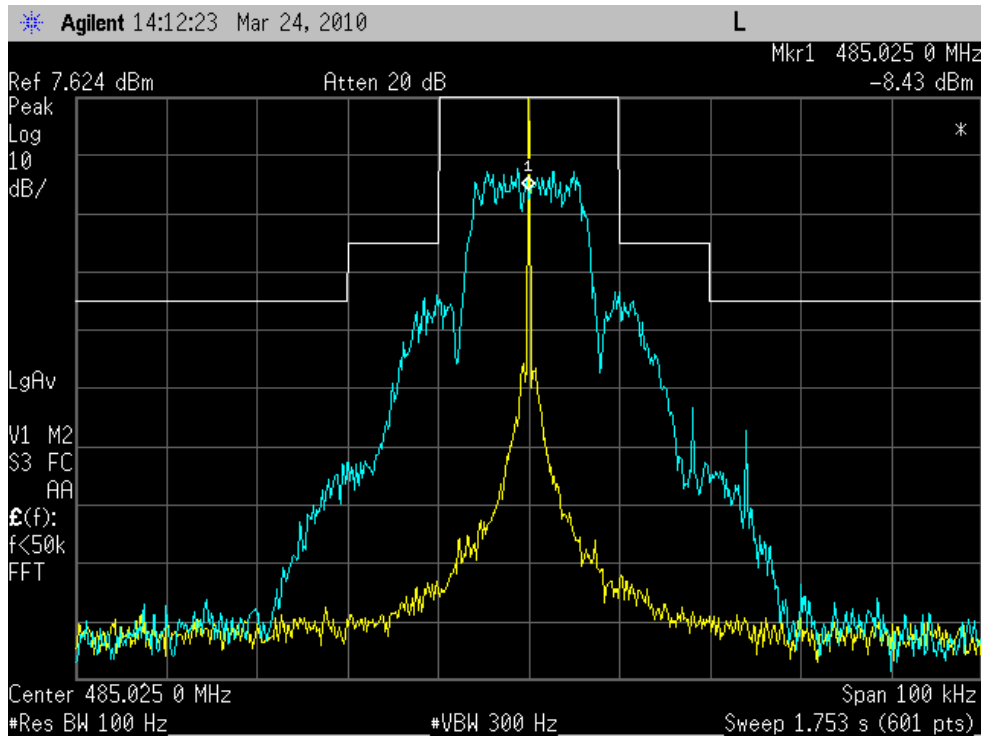


Exhibit 6E-16

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 775.8975 MHz Channel Spacing = 25 kHz

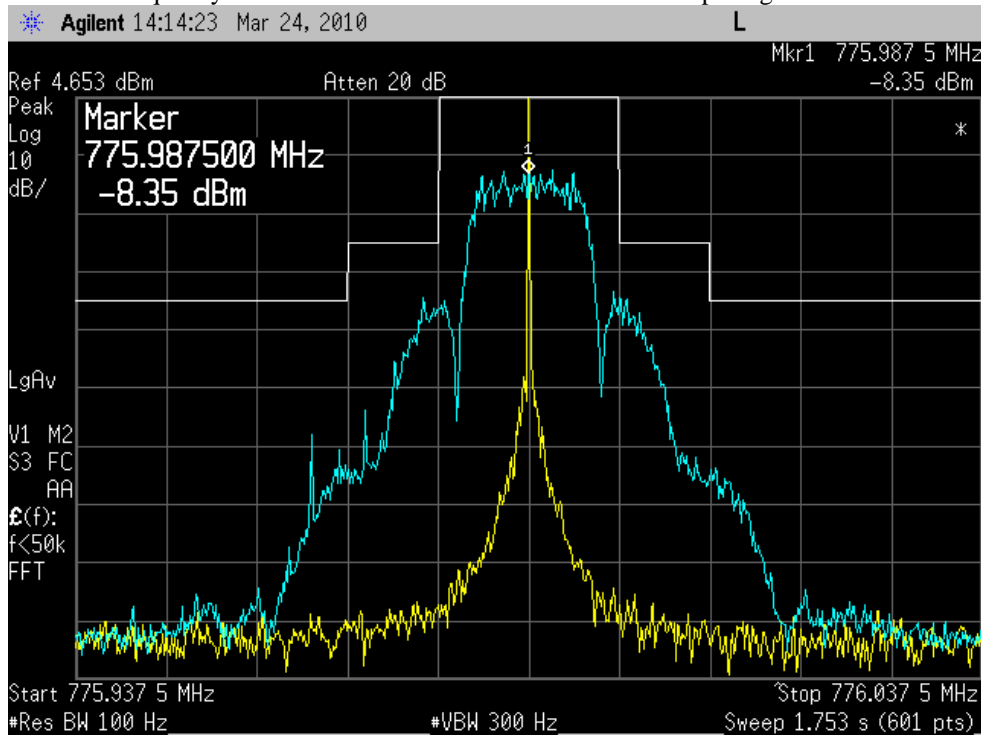


Exhibit 6E-17

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 858.9875 MHz Channel Spacing = 25 kHz

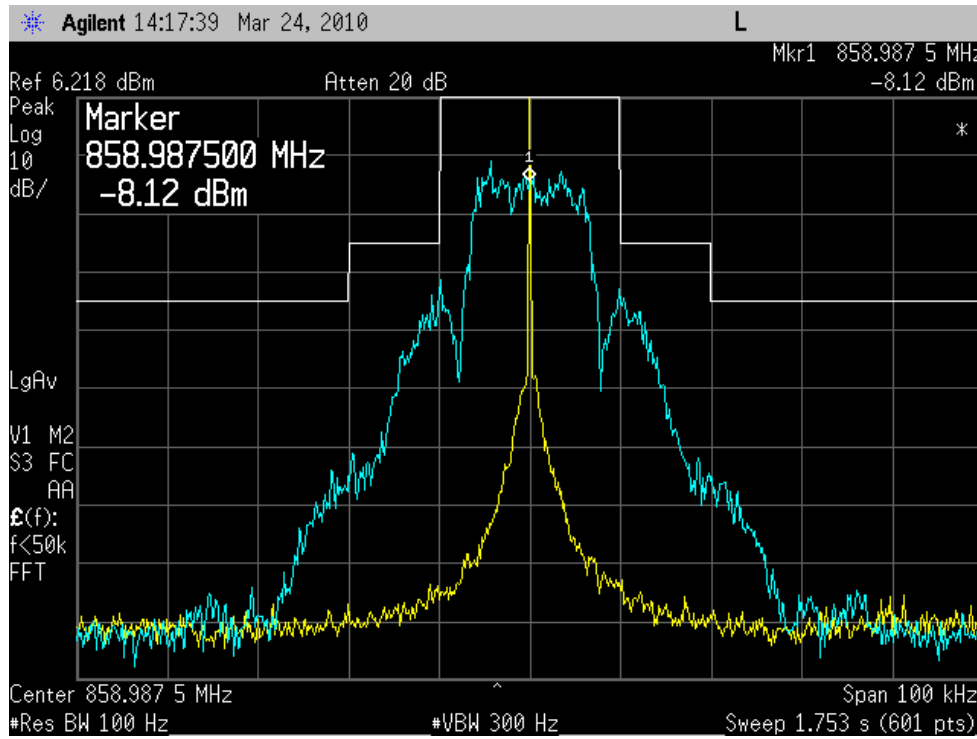


Exhibit 6E-18

EXHIBIT 6F

Adjacent Channel Coupled Power Ratio- Pursuant to FCC Rules 90.543

ANALOG 12.5 kHz Channel Spacing 794.0125 MHz					
Offset (kHz)	Meas BW (kHz)		Lower	Upper	Spec (dB)
9.375	6.25		-66.3	-67.5	-40
15.625	6.25		-75.4	-75.4	-60
21.875	6.25		-76.5	-77.4	-60
37.500	25.00		-72.2	-72.3	-65
62.500	25.00		-75.5	-75.1	-65
87.500	25.00		-78.7	-78.5	-65
150.000	100.00		-77.6	-77.6	-65
250.000	100.00		-83.3	-83.2	-65
350.000	100.00		-83.4	-83.2	-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		-73.5		-73.2	-40
21.875	6.25		-76.2		-75.8	-60
37.500	25.00		-72.4		-73.2	-65
62.500	25.00		-74.5		-74.7	-65
87.500	25.00		-77.5		-78.0	-65
150.000	100.00		-77.9		-78.0	-65
250.000	100.00		-82.8		-82.8	-65
350.000	100.00		-83.4		-83.2	-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		-42.3		-43.05	-40
21.875	6.25		-62.35		-63.45	-60
37.500	25.00		-78.9		-79.2	-60
62.500	25.00		-79.24		-79.92	-65
87.500	25.00		-85.21		-83.45	-65
150.000	100.00		-75.76		-76.02	-65
250.000	100.00		-82.5		-83.45	-65
350.000	100.00		-86.4		-84.2	-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		-40.8		-41.8	-40
15.625	6.25		-73.9		-73.29	-60
21.875	6.25		-76.5		-76.72	-60
37.500	25.00		-72.3		-71.7	-65
62.500	25.00		-75.4		-75.1	-65
87.500	25.00		-78.7		-77.7	-65
150.000	100.00		-76.4		-76.5	-65
250.000	100.00		-81.55		-81.54	-65
350.000	100.00		-83.55		-83.75	-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		-42.25		43.13	-40
15.625	6.25		-74.5		-74.3	-60
21.875	6.25		-76.6		-77.3	-60
37.500	25.00		-72.4		-72.8	-65
62.500	25.00		-75.6		-75.8	-65
87.500	25.00		-78.2		-78.5	-65
150.000	100.00		-76.7		-76.9	-65
250.000	100.00		-81.3		-81.3	-65
350.000	100.00		-84.2		-83.1	-65
400k - 12M	30 (swept)		< -75		< -75	-75
12M - RX	30 (swept)		< -75		< -75	-75
RX Band	30 (swept)		< -100		< -100	-100

Exhibit 6F-5

12.5 kHz Channel Spacing F2 Mode 794.0125 MHz						
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
9.375	6.25		-41.2		-41.4	-40
15.625	6.25		-75.3		-74.2	-60
21.875	6.25		-76.3		-76.7	-60
37.500	25.00		-72.8		-71.7	-65
62.500	25.00		-74.5		-74.4	-65
87.500	25.00		-75.4		-75.1	-65
150.000	100.00		-76.4		-76.9	-65
250.000	100.00		-82.6		-82.2	-65
350.000	100.00		-86.9		-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-6

EXHIBIT 6G
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1053 and 2.1033(c)(13)

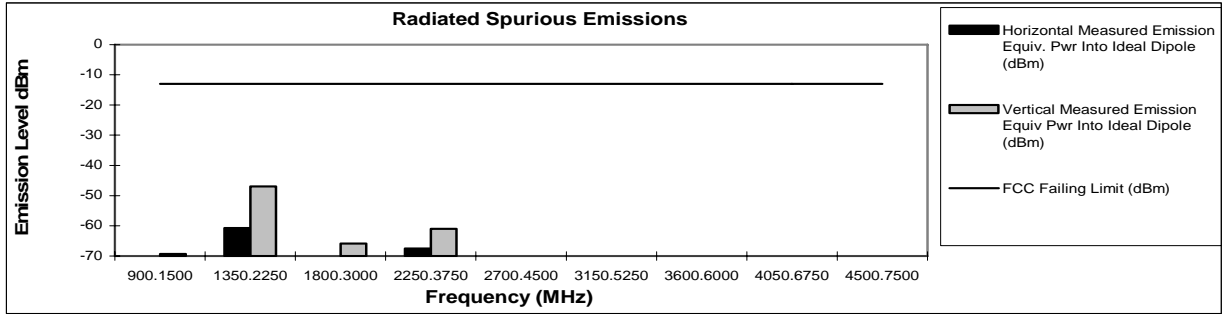
Transmit Radiated Spurious Emissions: APX 7000

Tx Power: 5.6W

450.075 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.1500	-13	-71.52	-69.25
1350.2250	-13	-60.74	-46.92
1800.3000	-13	-72.67	-65.83
2250.3750	-13	-67.55	-61.00
2700.4500	-13	*	*
3150.5250	-13	*	*
3600.6000	-13	*	*
4050.6750	-13	*	*
4500.7500	-13	*	*



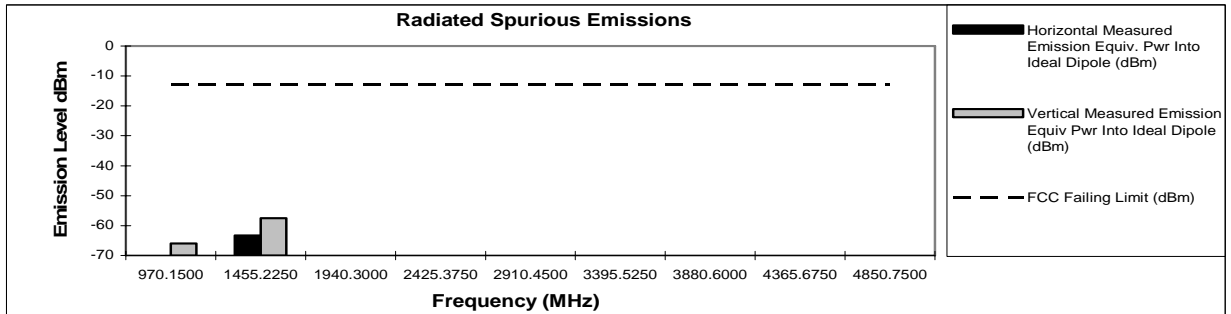
Transmit Radiated Spurious Emissions: APX 7000

Tx Power: 5.6W

485.075 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
970.1500	-13	-73.72	-65.97
1455.2250	-13	-63.32	-57.54
1940.3000	-13	*	*
2425.3750	-13	*	*
2910.4500	-13	*	*
3395.5250	-13	*	*
3880.6000	-13	*	*
4365.6750	-13	*	*
4850.7500	-13	*	*



* Indicates the spurious emission 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.

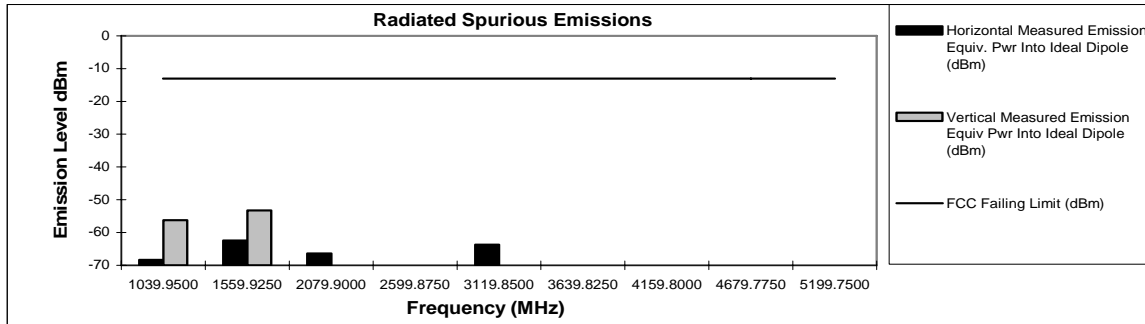
Transmit Radiated Spurious Emissions: APX 7000

Tx Power: 5.6W

519.975 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9500	-13	-68.34	-56.23
1559.9250	-13	-62.48	-53.26
2079.9000	-13	-66.40	*
2599.8750	-13	*	*
3119.8500	-13	-63.65	*
3639.8250	-13	*	*
4159.8000	-13	*	*
4679.7750	-13	*	*
5199.7500	-13	*	*



* Indicates the spurious emission 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.

Motorola Plantation EMC Lab – Test Performed by: Andy Gessner
FCC Registration: 91932 / Industry Canada: IC109U-1

March 25, 2010

Exhibit 6G-2

Motorola Inc.

FCC ID:AZ489FT7042

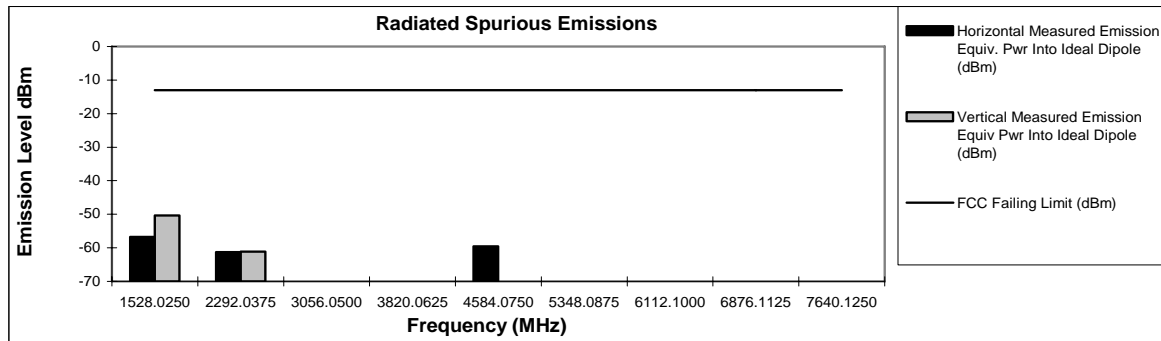
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 2.99 Watts

764.0125 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

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	-13	-56.73	-50.34
2292.0375	-13	-61.32	-61.12
3056.0500	-13	*	*
3820.0625	-13	*	*
4584.0750	-13	-59.60	*
5348.0875	-13	*	*
6112.1000	-13	*	*
6876.1125	-13	*	*
7640.1250	-13	*	*



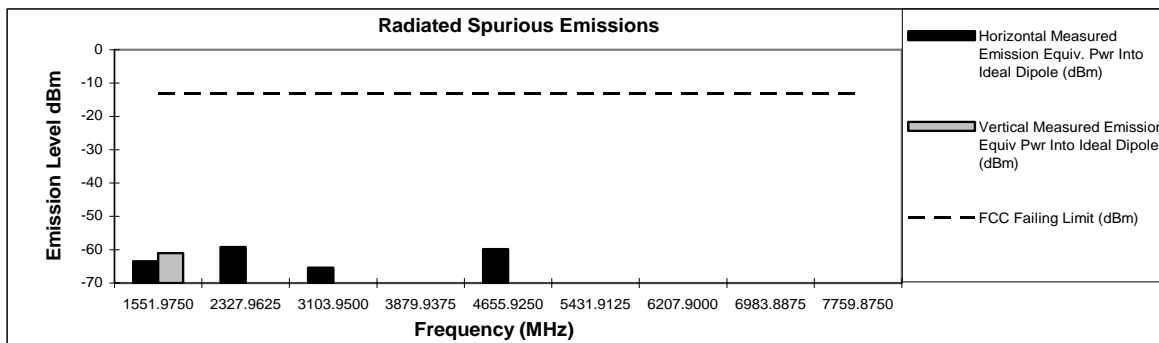
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 2.99 Watts

775.9875 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

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	-13	-63.49	-61.08
2327.9625	-13	-59.18	*
3103.9500	-13	-65.43	*
3879.9375	-13	*	*
4655.9250	-13	-59.82	*
5431.9125	-13	*	*
6207.9000	-13	*	*
6983.8875	-13	*	*
7759.8750	-13	*	*



* Indicates the spurious emission 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.

Motorola Inc.

FCC ID:AZ489FT7042

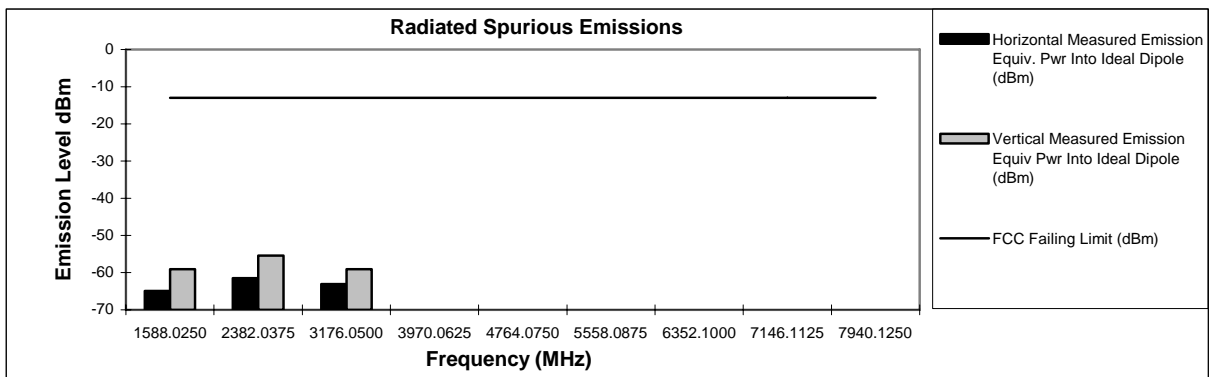
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 2.99 Watts

794.0125 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1588.0250	-13	-64.95	-59.06
2382.0375	-13	-61.52	-55.41
3176.0500	-13	-63.09	-59.08
3970.0625	-13	*	*
4764.0750	-13	*	*
5558.0875	-13	*	*
6352.1000	-13	*	*
7146.1125	-13	*	*
7940.1250	-13	*	*



* Indicates the spurious emission 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.

Motorola Plantation EMC Lab – Test Performed by: Andy Gessner
 FCC Registration: 91932 / Industry Canada: IC109U-1

March 27, 2010

Exhibit 6G-4

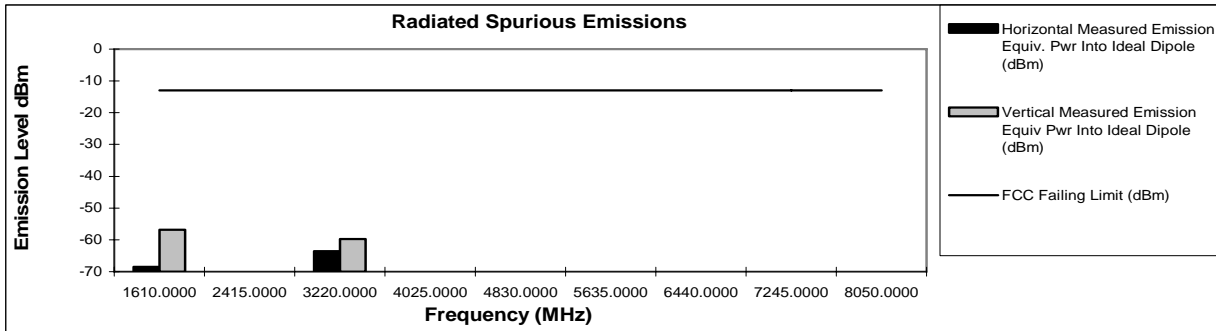
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 3.6 Watts

805 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1610.0000	-13	-68.45	-56.87
2415.0000	-13	*	*
3220.0000	-13	-63.56	-59.74
4025.0000	-13	*	*
4830.0000	-13	*	*
5635.0000	-13	*	*
6440.0000	-13	*	*
7245.0000	-13	*	*
8050.0000	-13	*	*



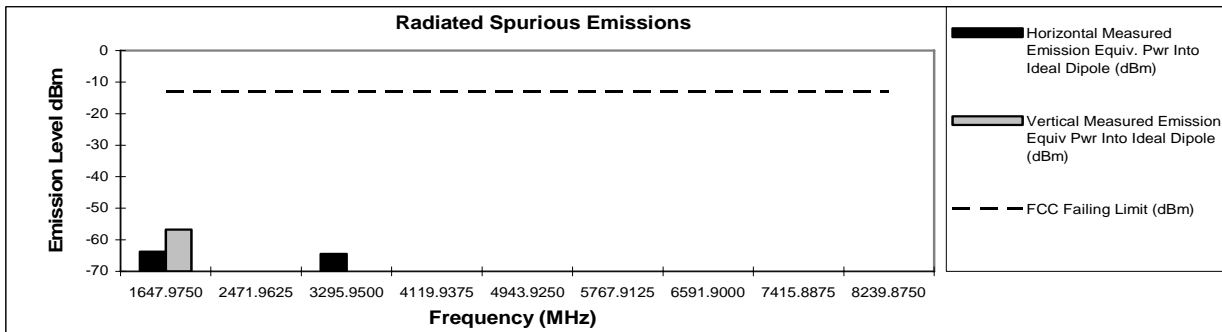
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 3.6 Watts

823.9875 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

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	-63.72	-56.70
2471.9625	-13	*	*
3295.9500	-13	-64.52	*
4119.9375	-13	*	*
4943.9250	-13	*	*
5767.9125	-13	*	*
6591.9000	-13	*	*
7415.8875	-13	*	*
8239.8750	-13	*	*



* Indicates the spurious emission 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.

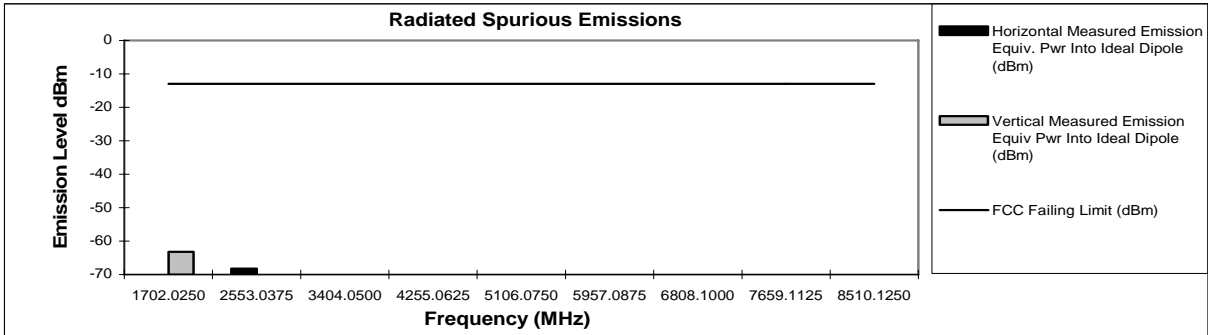
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 3.6 Watts

851.0125 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

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	-70.13	-63.25
2553.0375	-13	*	*
3404.0500	-13	*	*
4255.0625	-13	*	*
5106.0750	-13	*	*
5957.0875	-13	*	*
6808.1000	-13	*	*
7659.1125	-13	*	*
8510.1250	-13	*	*



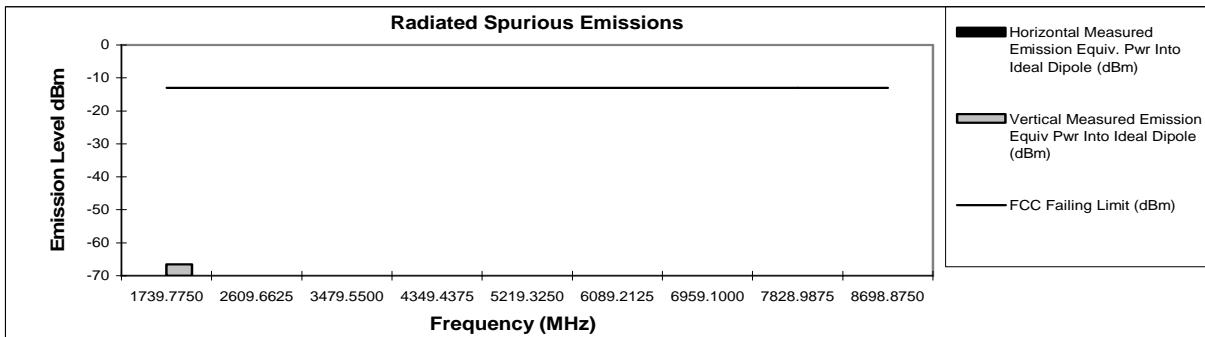
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 3.6 Watts

869.8875 MHz

Channel Spacing 25kHz | S/N Q05ME0DC

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1739.7750	-13	-71.05	-66.51
2609.6625	-13	*	*
3479.5500	-13	*	*
4349.4375	-13	*	*
5219.3250	-13	*	*
6089.2125	-13	*	*
6959.1000	-13	*	*
7828.9875	-13	*	*
8698.8750	-13	*	*



* Indicates the spurious emission 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

1559-1605MHz Radiated Emissions (GNSS) - Pursuant to FCC Rules 2.1053 & 90.543e

GNSS Testing				
At 3 Meters ERP, ADD +2.15 dB for EIRP				
Date:	4/1/2010	EMC#: EMC03042010-090	Temp: 78F 44%	
Product:	APX7000	S/N Q05ME0DC	Channel Spacing: 12.5kHz	
		Notes:	GNSS	
Tx Freq.	794.0125			
		Horizontal Radiated	Vertical Radiated	
Spur	Frequency MHz	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)	
2XFund	1588.0250	-56.81	-50.89	
		Notes:	GNSS	
Tx Freq.	805.0000			
		Horizontal Radiated	Vertical Radiated	
Spur	Frequency MHz	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)	
2XFund	1610.0000	-63.50	-53.90	

GNSS Testing				
At 3 Meters ERP, ADD +2.15 dB for EIRP				
Date:	4/1/2010	EMC#: EMC03042010-090	Temp: 78F 46%	
Product:	APX7000	S/N Q05ME0DC	Channel Spacing: 25kHz	
		Notes:	GNSS	
Tx Freq.	794.0125			
		Horizontal Radiated	Vertical Radiated	
Spur	Frequency MHz	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)	
2XFund	1588.0250	-57.75	-51.07	
		Notes:	GNSS	
Tx Freq.	805.0000			
		Horizontal Radiated	Vertical Radiated	
Spur	Frequency MHz	Spur. Emiss. (dBm)	Spur. Emiss. (dBm)	
2XFund	1610.0000	-64.52	-53.98	

EXHIBIT 6I

Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1051 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: 450.025 MHz, Power: 5.7Watts

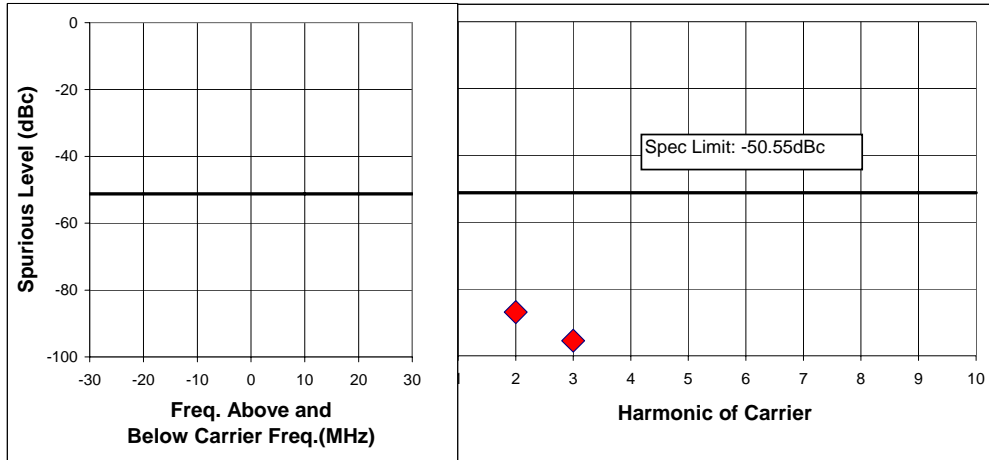


Exhibit 6I-1

Freq: 485.075 MHz, Power: 5.7Watts

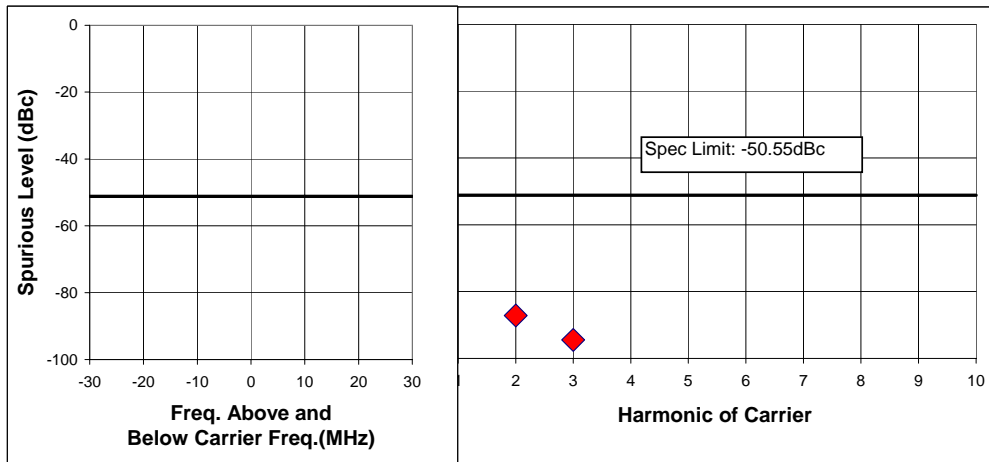


Exhibit 6I-2

Freq: 519.975 MHz, Power: 5.7Watts

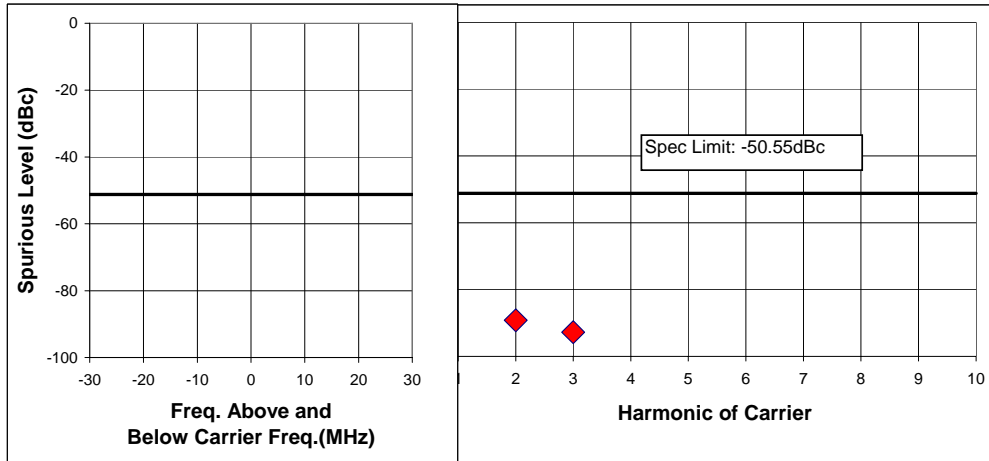


Exhibit 6I-3

Freq: 764.0125 MHz, Power: 2.99 Watts

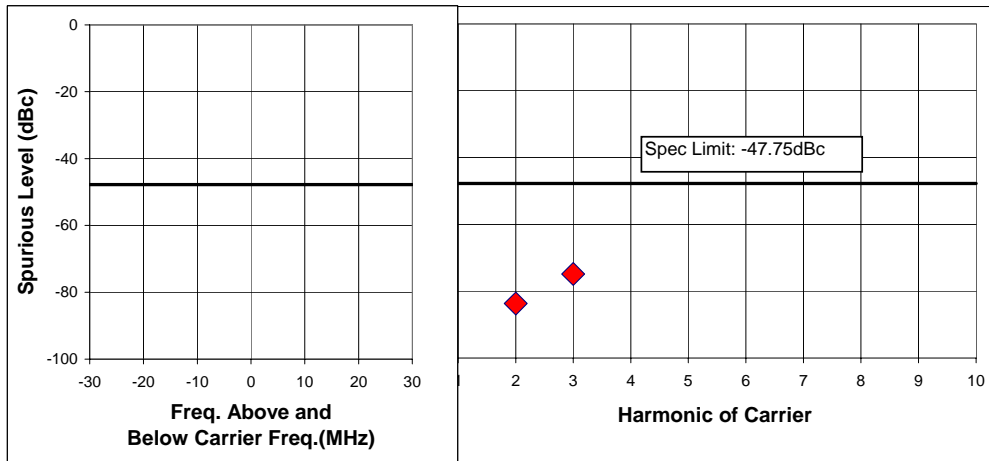


Exhibit 6I-4

Freq: 775.9875 MHz, Power: 2.99 Watts

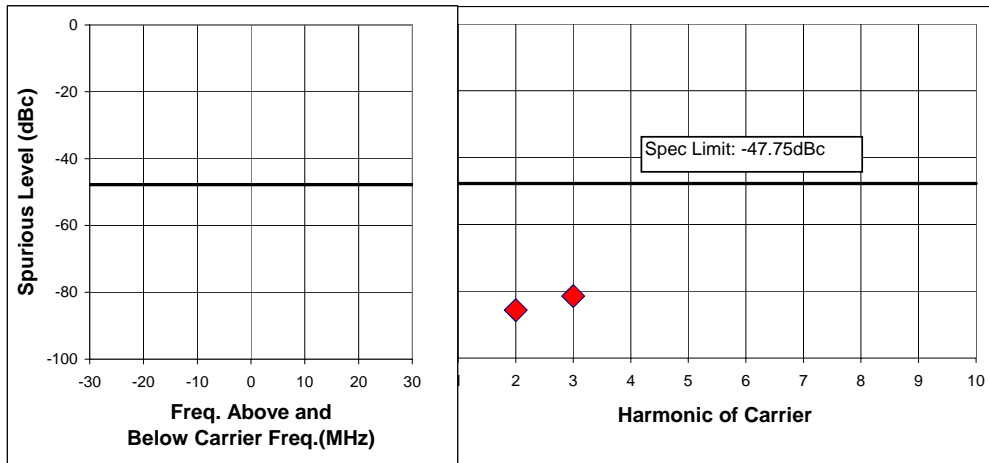


Exhibit 6I-5

Freq: 794.0125 MHz, Power: 2.99 Watts

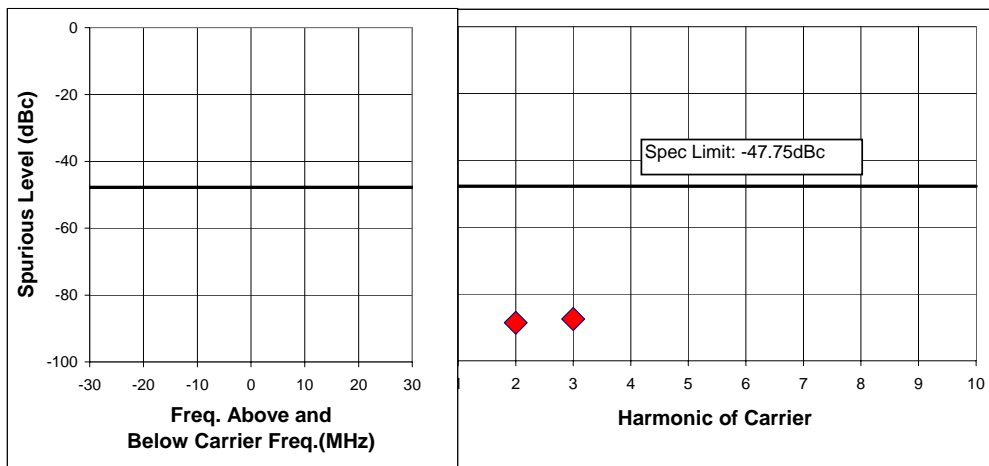


Exhibit 6I-6

Freq: 823.9875 MHz, Power: 3.6 Watts

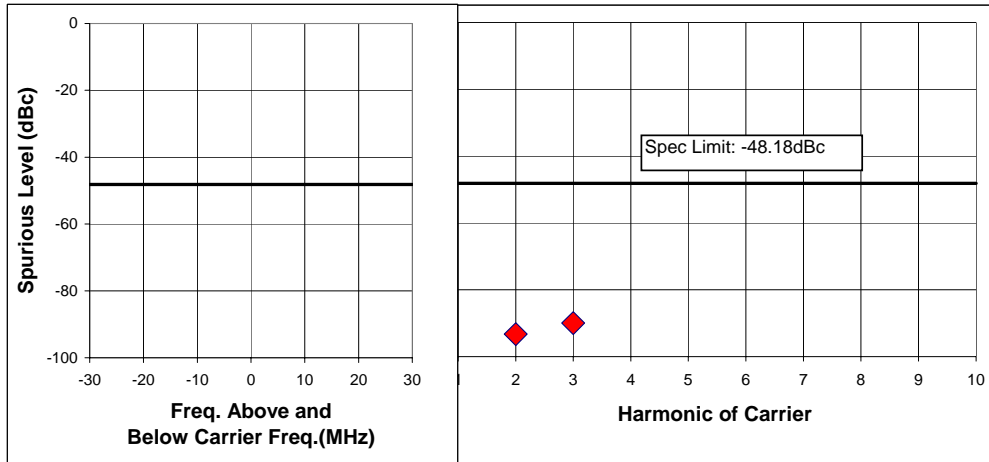


Exhibit 6I-7

Freq: 851.0125 MHz, Power: 3.6 Watts

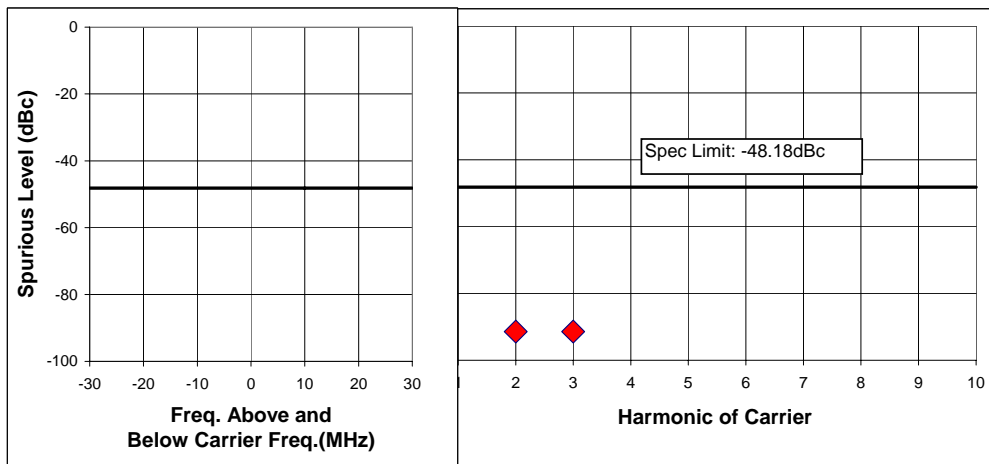


Exhibit 6I-8

Freq: 869.9875 MHz, Power: 3.6 Watts

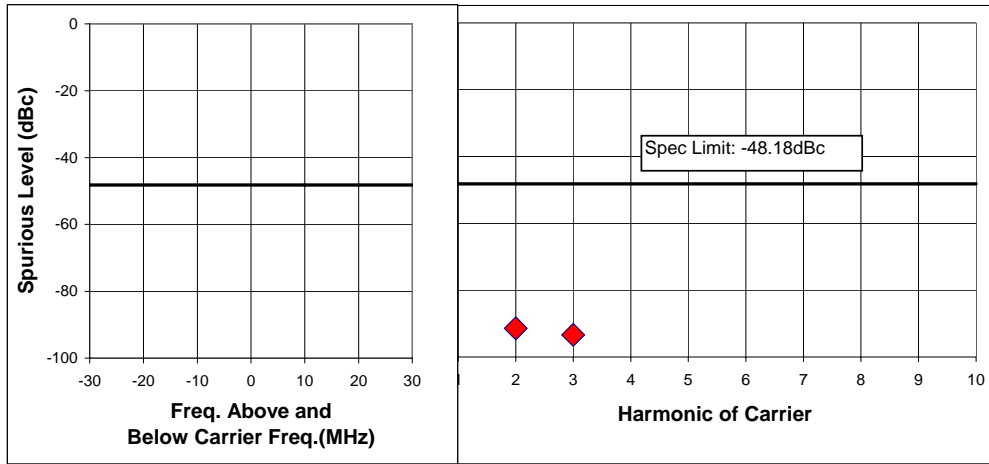


Exhibit 6I-9

EXHIBIT 6K
Frequency Stability - Pursuant 47 CFR 2.1055 and 2.1033(c)(13)

Frequency Stability (485.025 MHz) vs. Supply Voltage

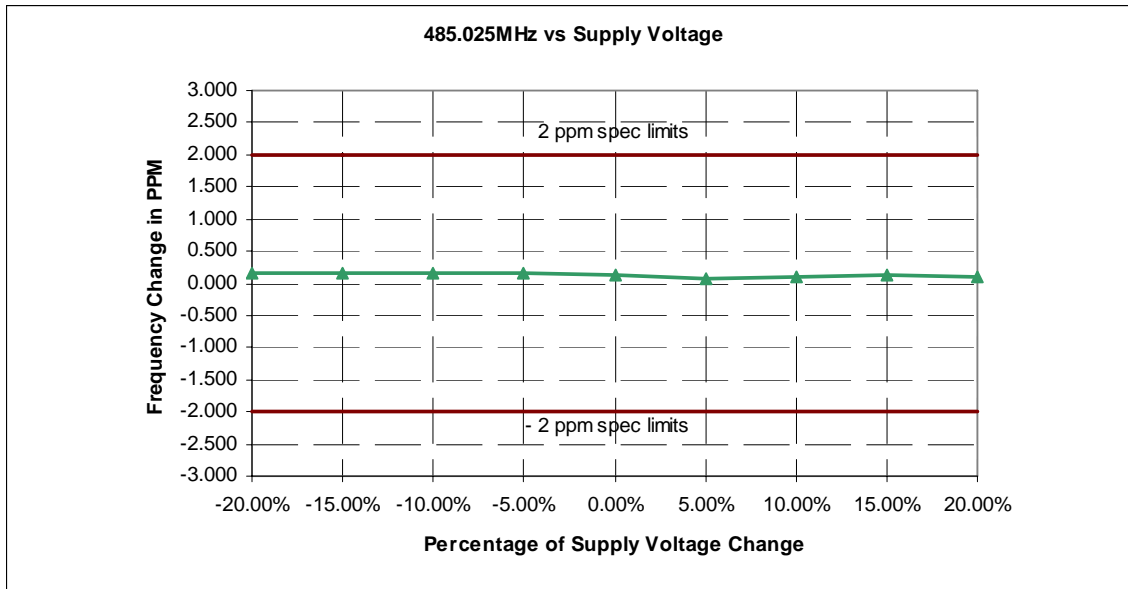


Exhibit 6K-1

Frequency Stability (775.9875 MHz) vs. Supply Voltage

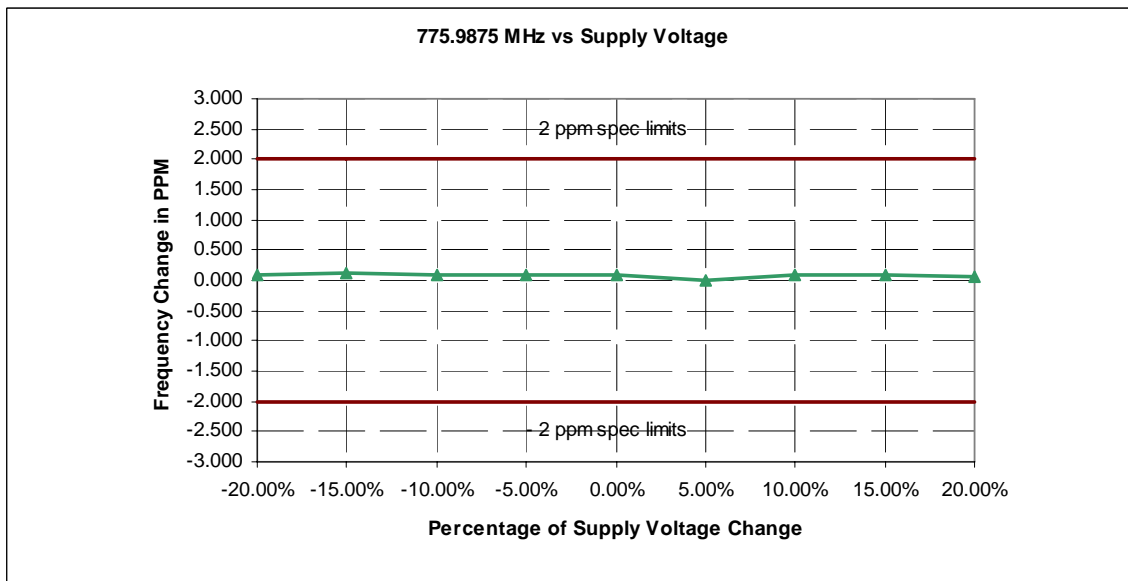


Exhibit 6K-2

Frequency Stability (858.9875 MHz) vs. Supply Voltage

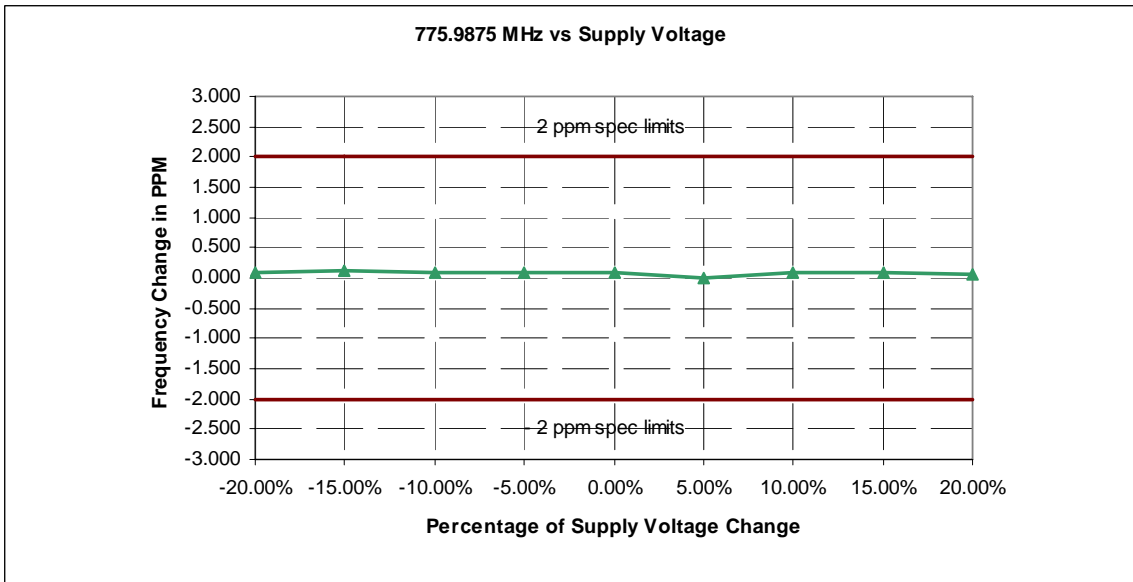


Exhibit 6K-3

Frequency Stability (485.025 MHz) vs. Temperature

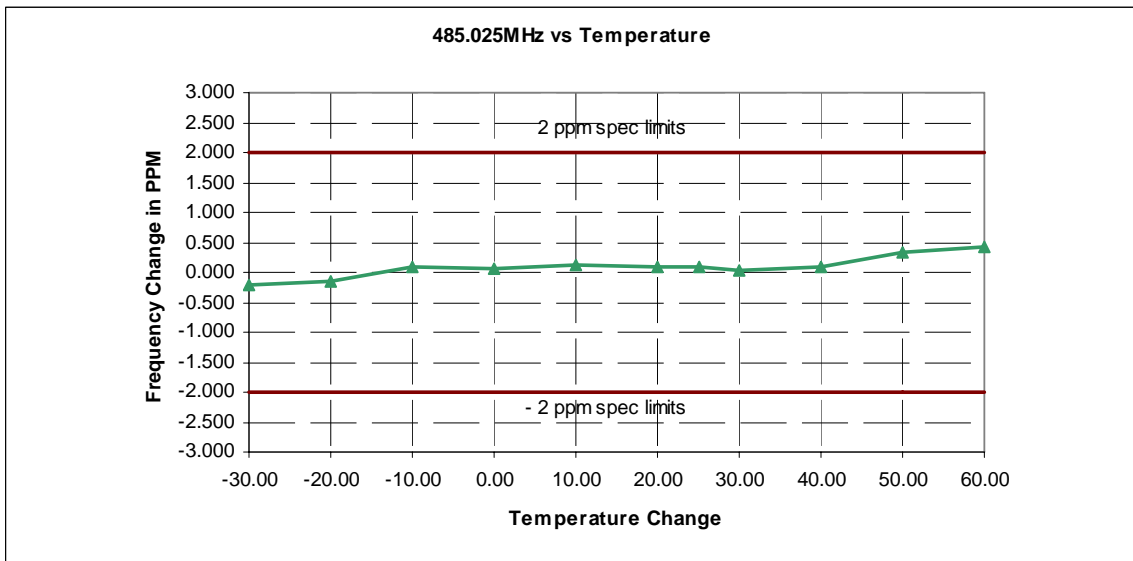


Exhibit 6K-4

Frequency Stability (775.9875 MHz) vs. Temperature

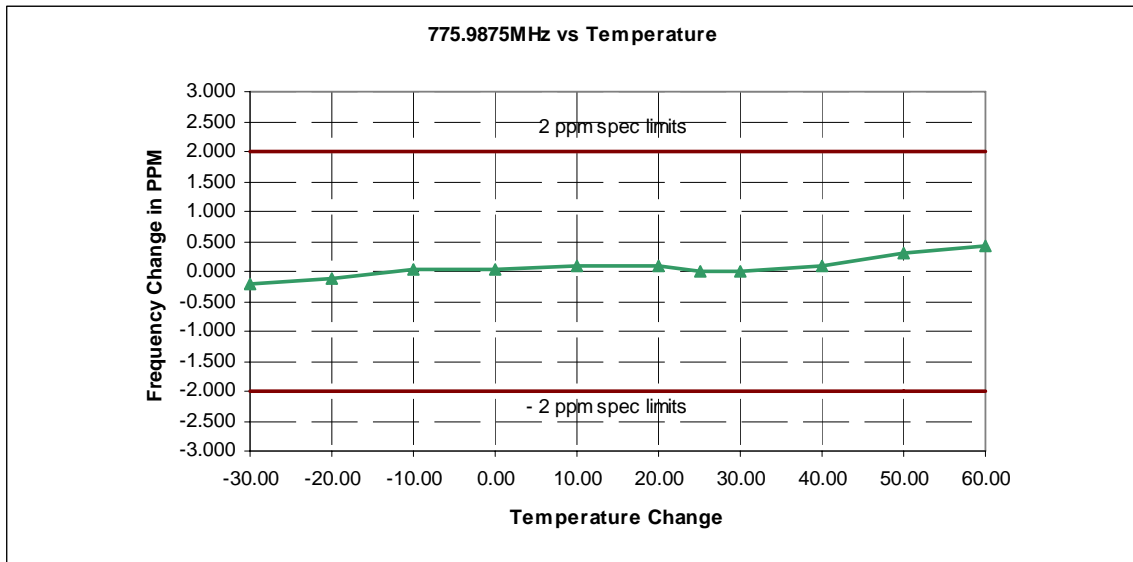


Exhibit 6K-5

Frequency Stability (858.9875 MHz) vs. Temperature

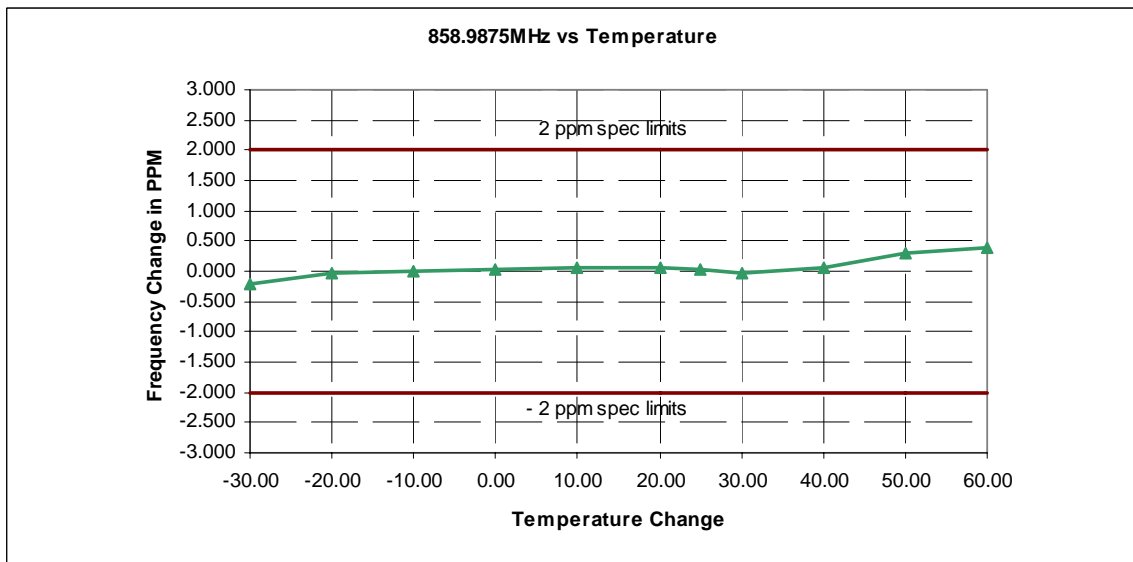


Exhibit 6K-6

EXHIBIT 6L
Transient Frequency Behavior- Pursuant 47 CFR 90.214

TX 485.0125 MHz – 12.5kHz Channel Spacing – Transmitter On

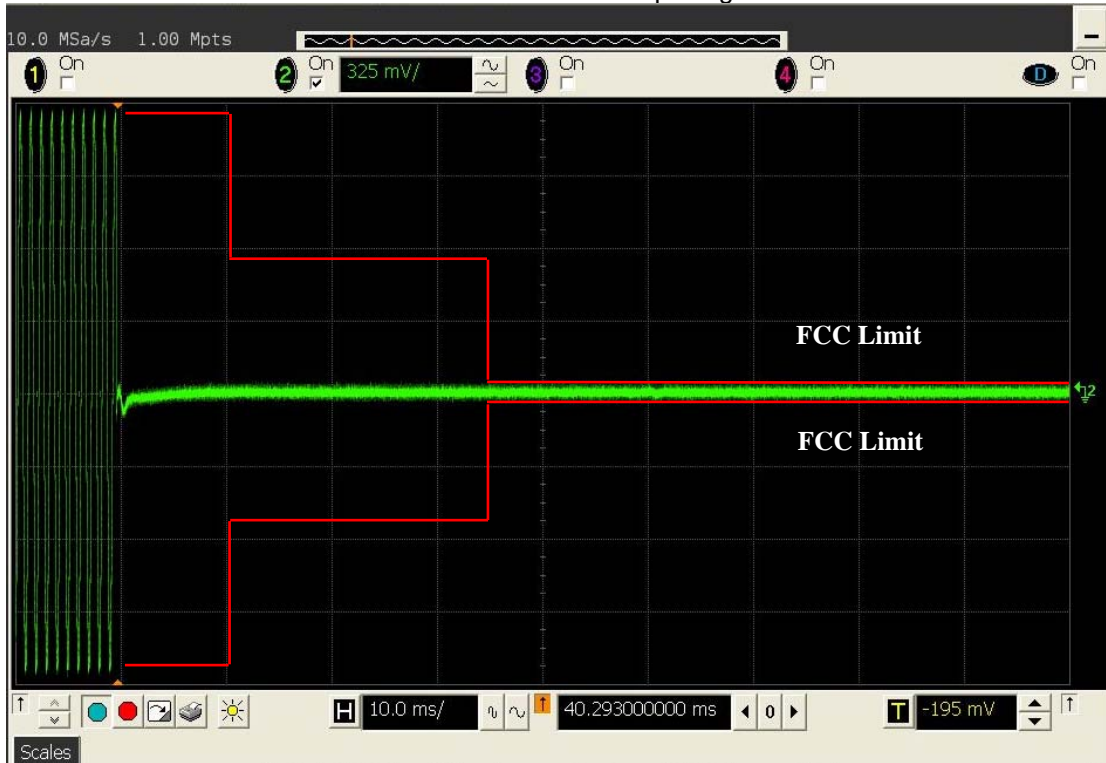


Exhibit 6L-1

TX 485.0125 MHz – 12.5kHz Channel Spacing – Transmitter Off



Exhibit 6L-2

TX 775.9875 MHz – 12.5kHz Channel Spacing – Transmitter On

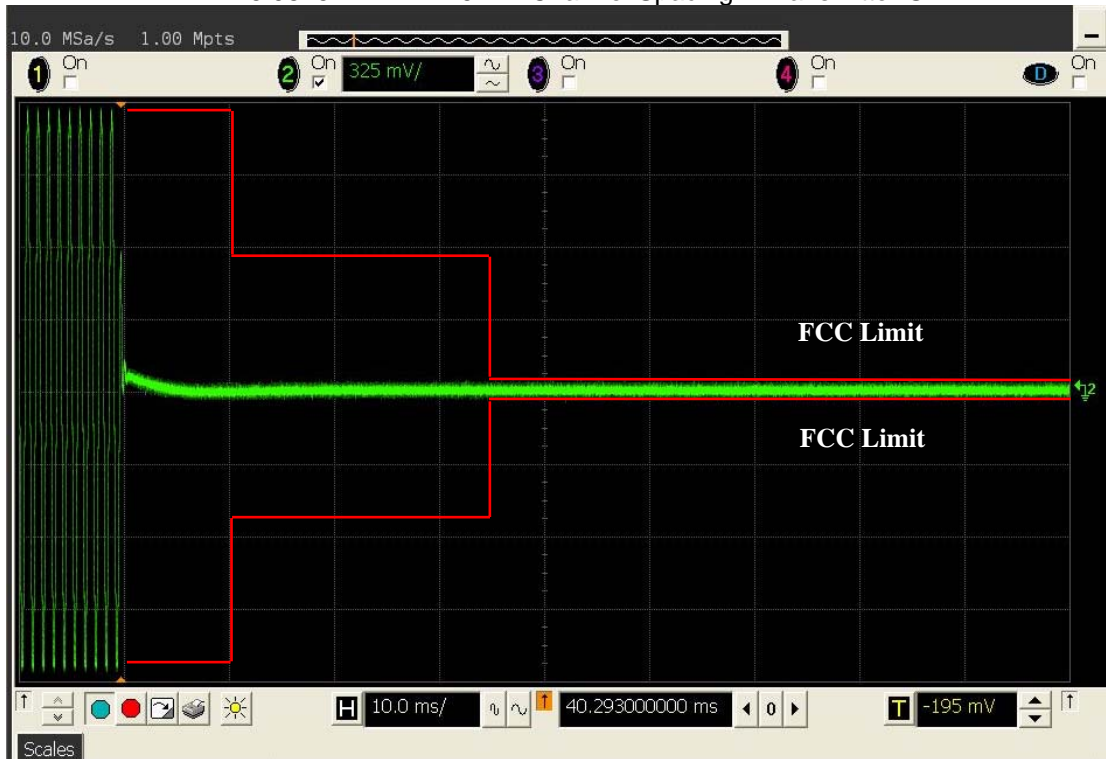


Exhibit 6L-3

TX 775.9875 MHz – 12.5kHz Channel Spacing – Transmitter Off

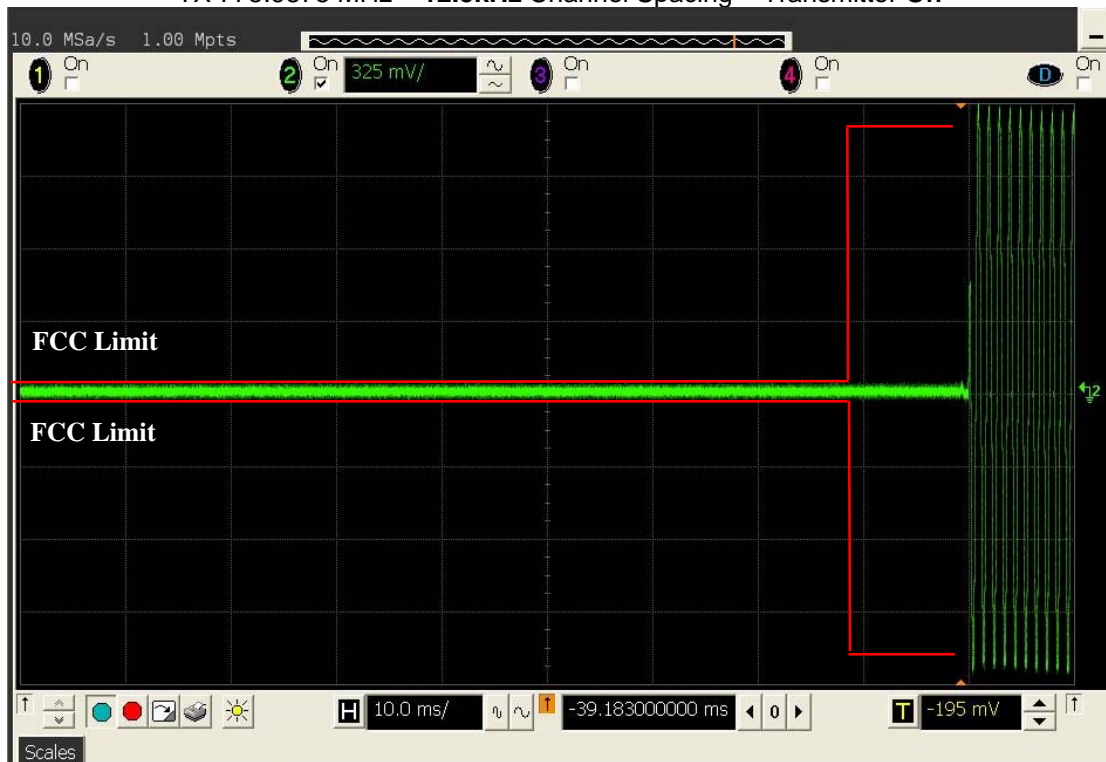


Exhibit 6L-4

TX 851.0125 MHz – 12.5kHz Channel Spacing – Transmitter On

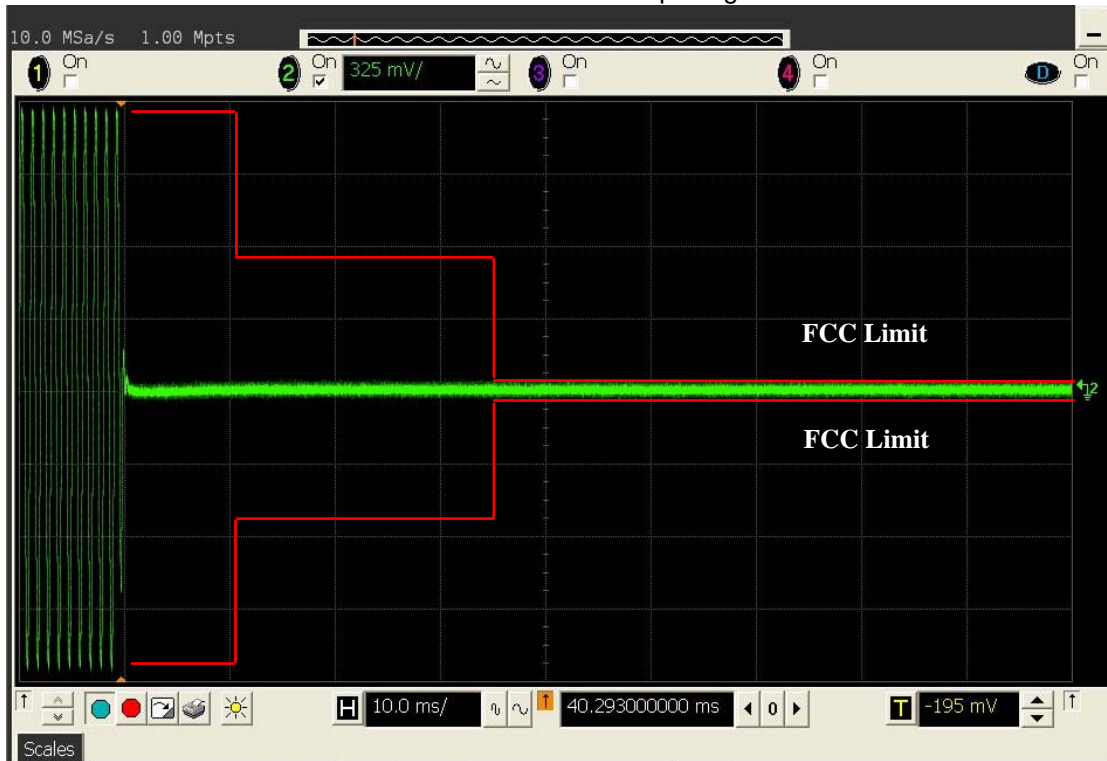


Exhibit 6L-5

TX 851.0125 MHz – 12.5kHz Channel Spacing – Transmitter Off

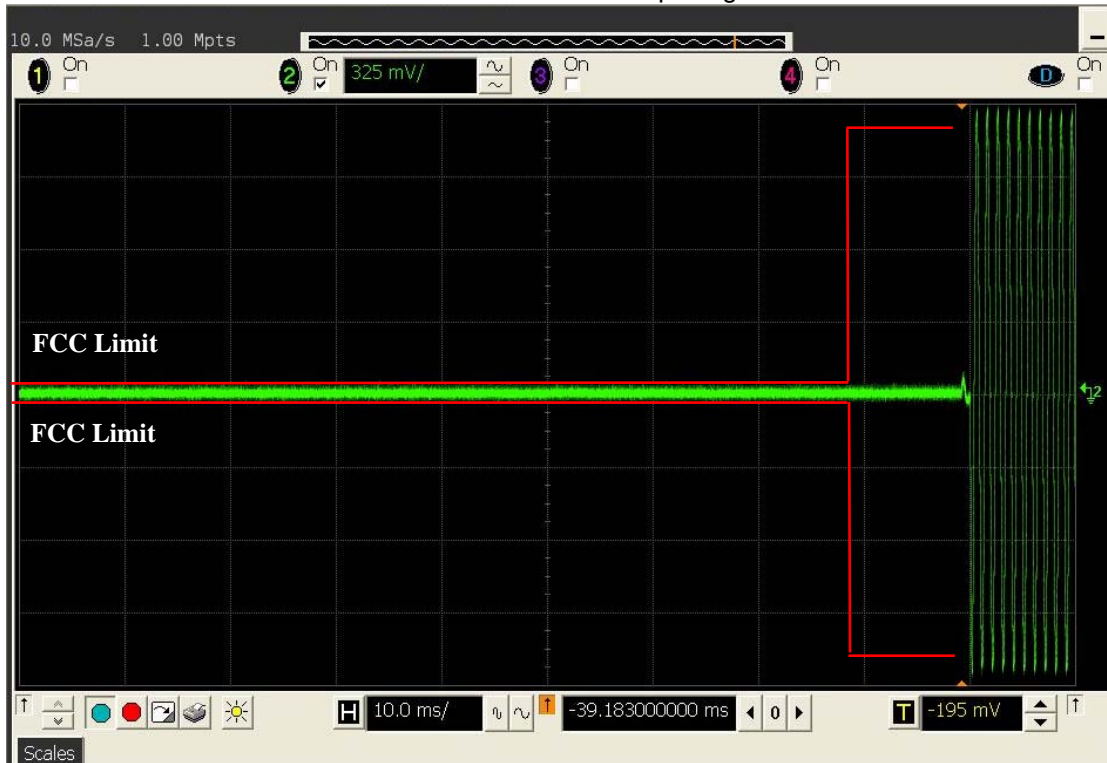


Exhibit 6L-6

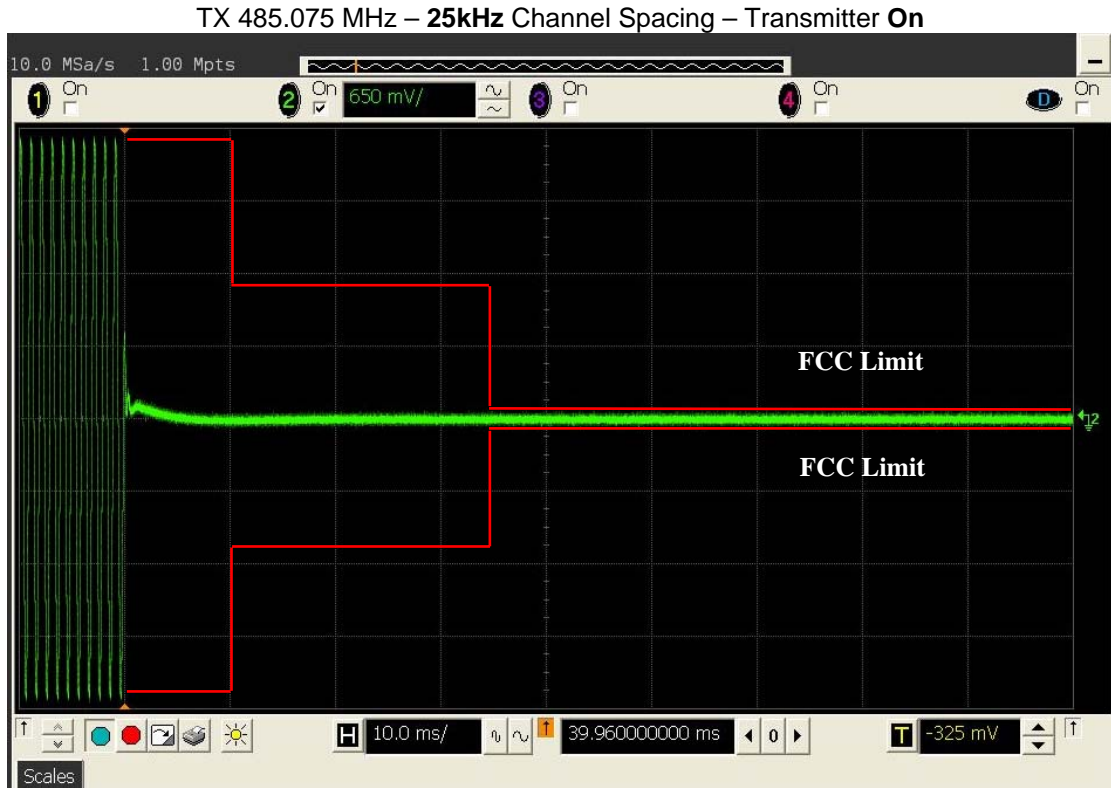


Exhibit 6L-7

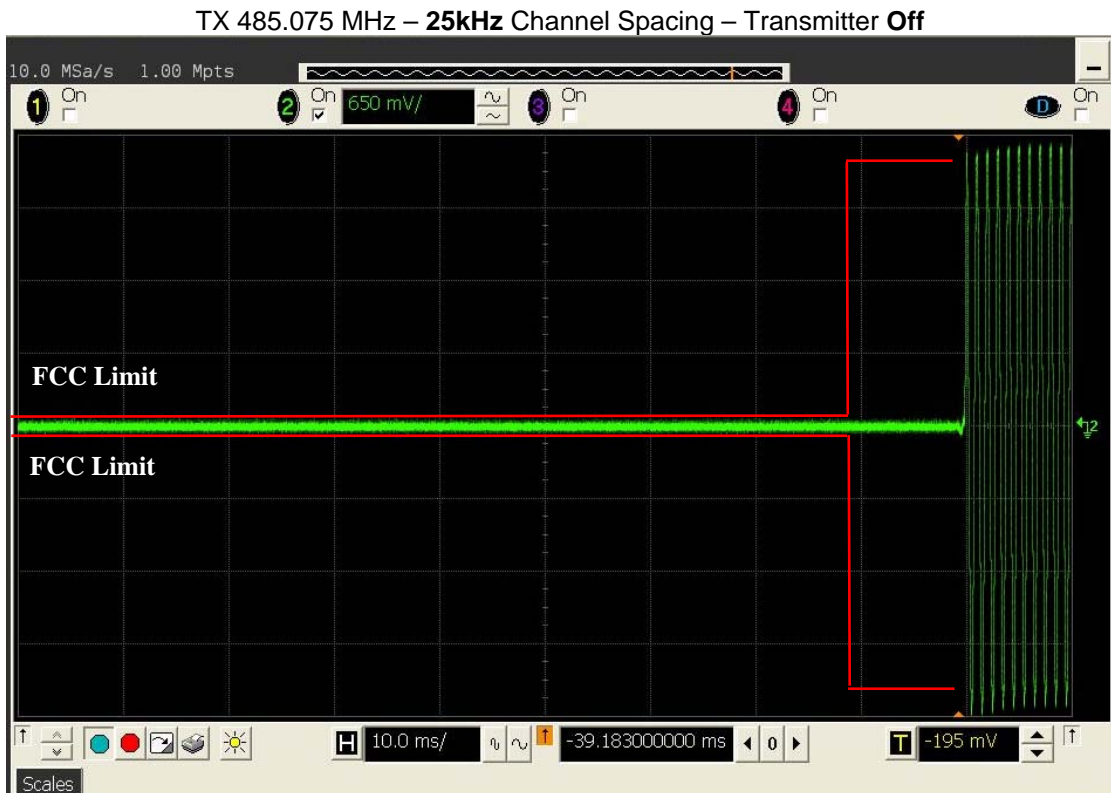


Exhibit 6L-8

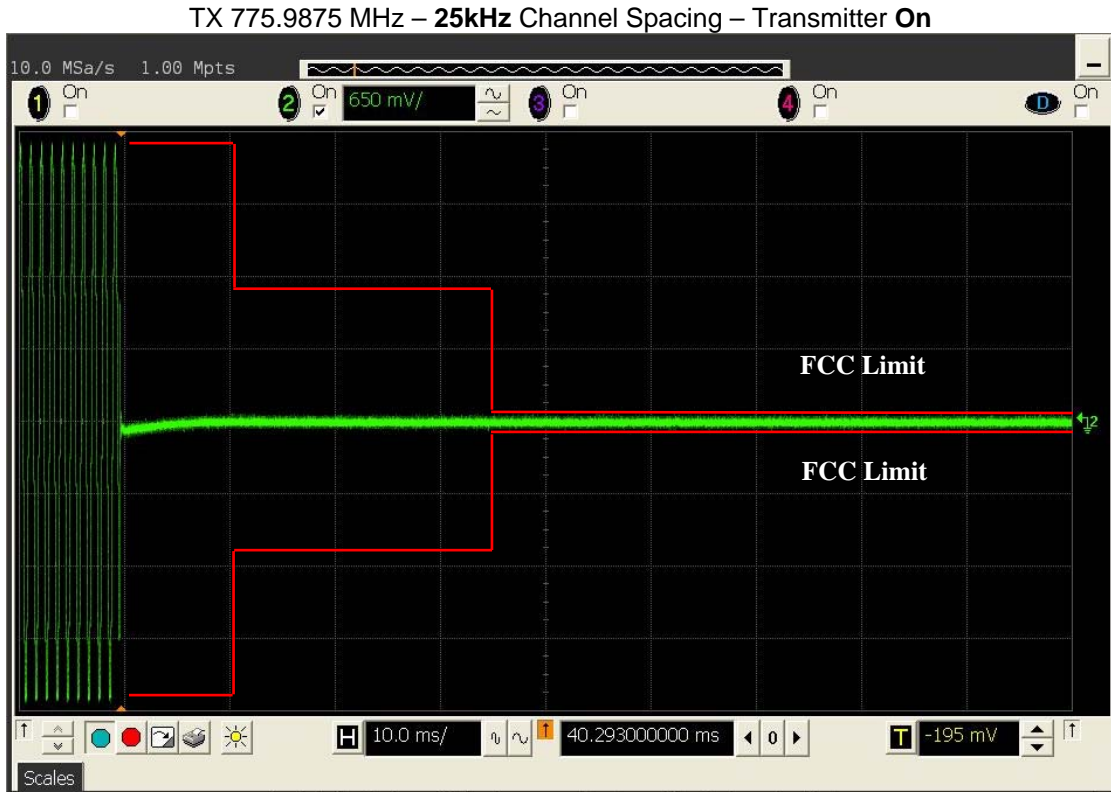


Exhibit 6L-9

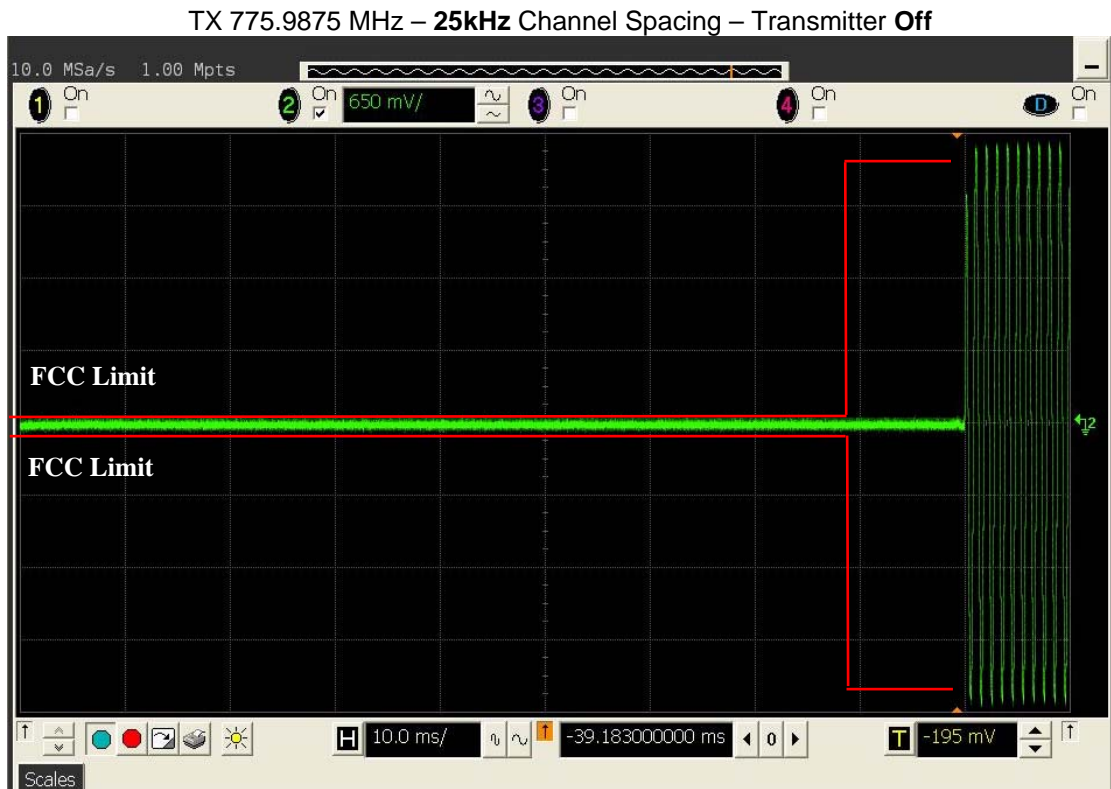


Exhibit 6L-10

TX 851.0125 MHz – 25kHz Channel Spacing – Transmitter On

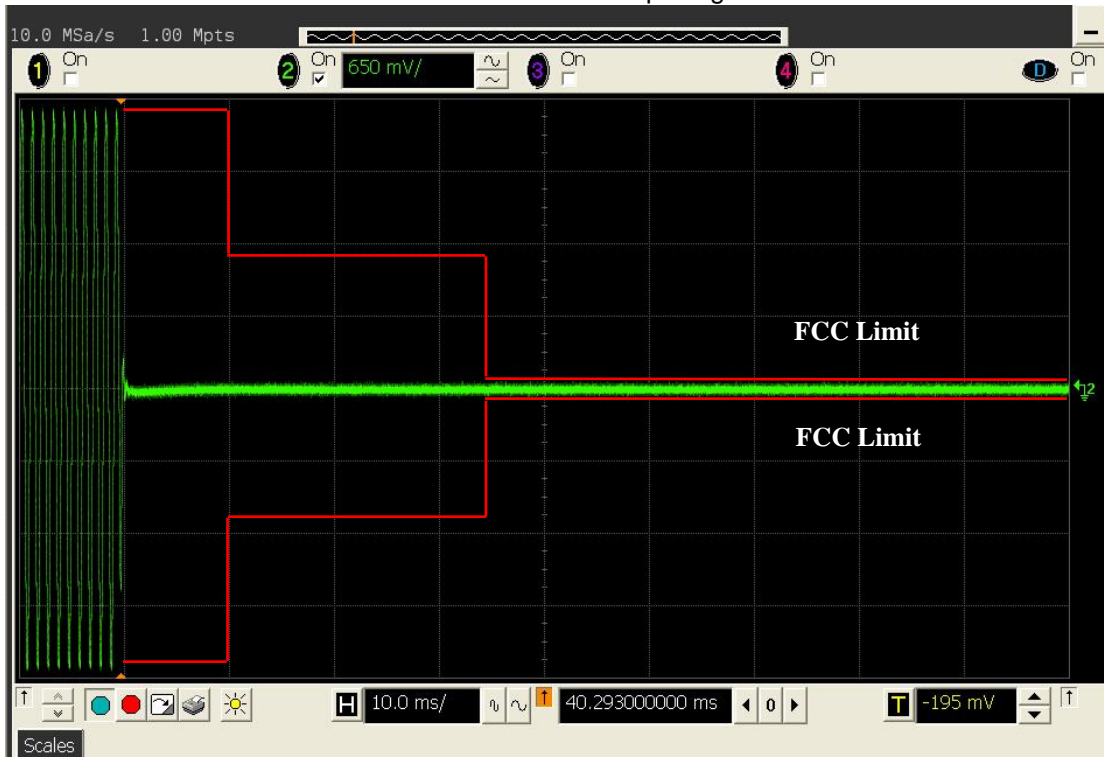


Exhibit 6L-11

TX 851.0125 MHz – 25kHz Channel Spacing – Transmitter Off

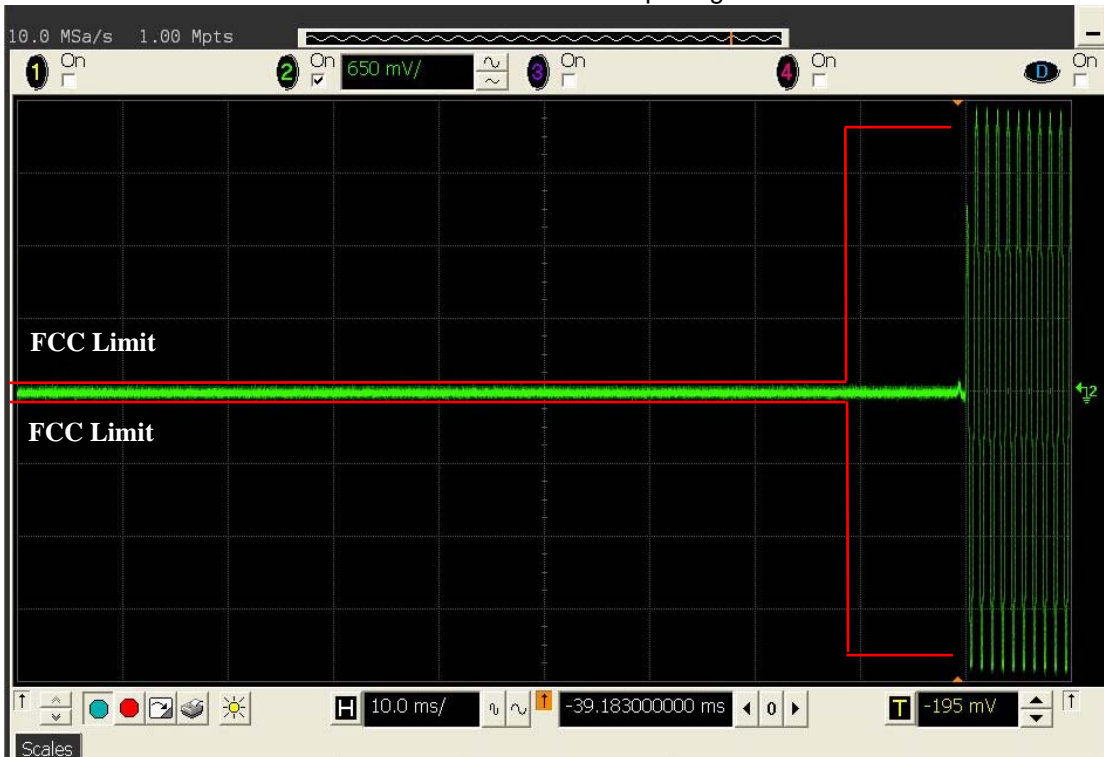


Exhibit 6L-12