

Submitted Measured Data

<u>MEASUREMENT</u>	<u>EXHIBIT</u>	<u>NUMBER OF PAGES</u>
1. RF Power Output Data	6A	1
2. Audio Frequency Response	6B	3
3. Audio Low Pass Filter Response	6C	1
4. Modulation Limiting	6D	3
5. Occupied Bandwidth	6E	11
6. Adjacent Channel Coupled Power Ratio	6F	2
7. Radiated Spurious Emissions	6G	2
8. 1559-1605MHz Rad Emissions (GNSS)	6H	1
9. Conducted Spurious Emissions	6I	4
10. Power Line Conducted Emissions	6J	4
11. Frequency Stability (Volt/Temp)	6K	1
12. Transient Frequency Behavior	6L	2

RF Power Output Data

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device.

154.5 MHz

Measured RF output: 1.0 Watt
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 950 mAmps
Primary Supply Voltage: 7.5 Volts

Measured RF output: 3.0 Watts
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 1400 mAmps
Primary Supply Voltage: 7.5 Volts

Measured RF output: 6.6 Watts
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 1970 mAmps
Primary Supply Voltage: 7.5 Volts

775.9875 MHz

Measured RF output: 1.0 Watt
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 896 mAmps
Primary Supply Voltage: 7.5 Volts

Measured RF output: 2.0 Watt
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 1217 mAmps
Primary Supply Voltage: 7.5 Volts

Measured RF output: 2.99 Watts
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 1497 mAmps
Primary Supply Voltage: 7.5 Volts

851.0125

Measured RF output: 1.0 Watt
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 845mAmps
Primary Supply Voltage: 7.5 Volts

Measured RF output: 2.0 Watt
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 1140 mAmps
Primary Supply Voltage: 7.5 Volts

Measured RF output: 3.6Watts
Nominal DC voltage: 7.5 Volts
Nominal DC Current: 1600 mAmps
Primary Supply Voltage: 7.5 Volts

Audio Frequency Response (Freq: 155.45MHz, ChSp: 12.5kHz)

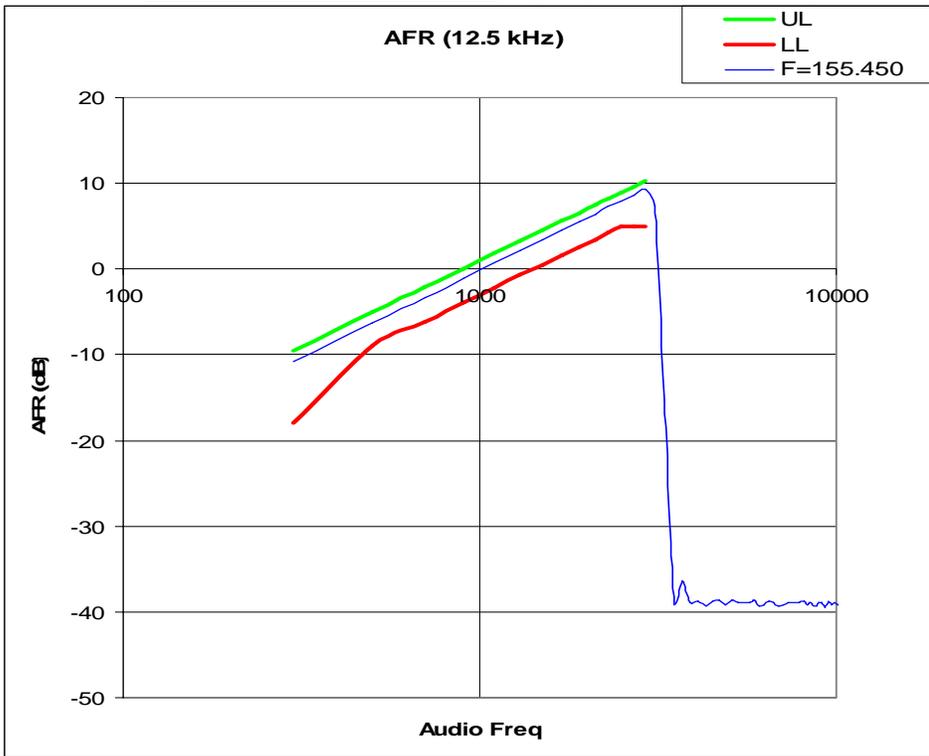


Exhibit 6B-1

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

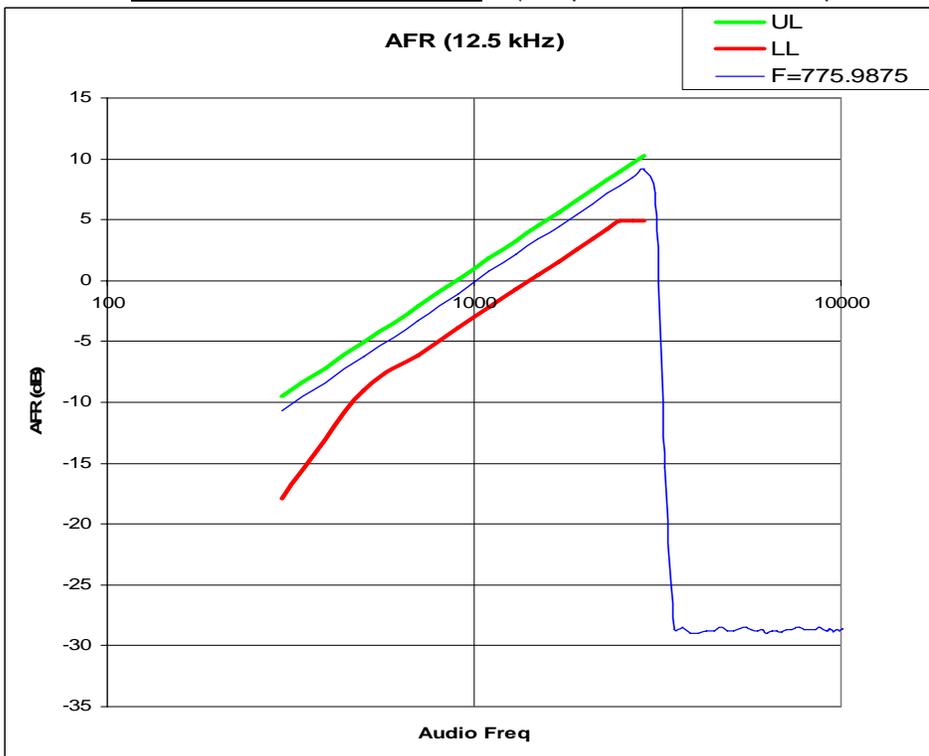


Exhibit 6B-2

Audio Frequency Response (Freq: 860.0125MHz, ChSp: 12.5kHz)

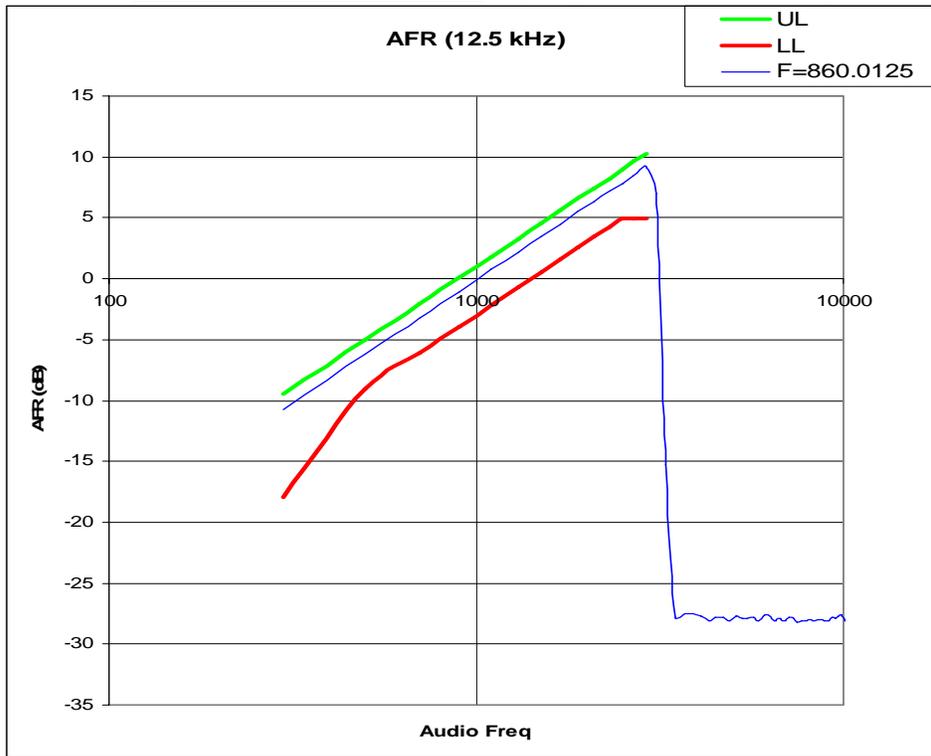


Exhibit 6B-3

Audio Frequency Response (Freq: 155.45MHz, ChSp: 25kHz)

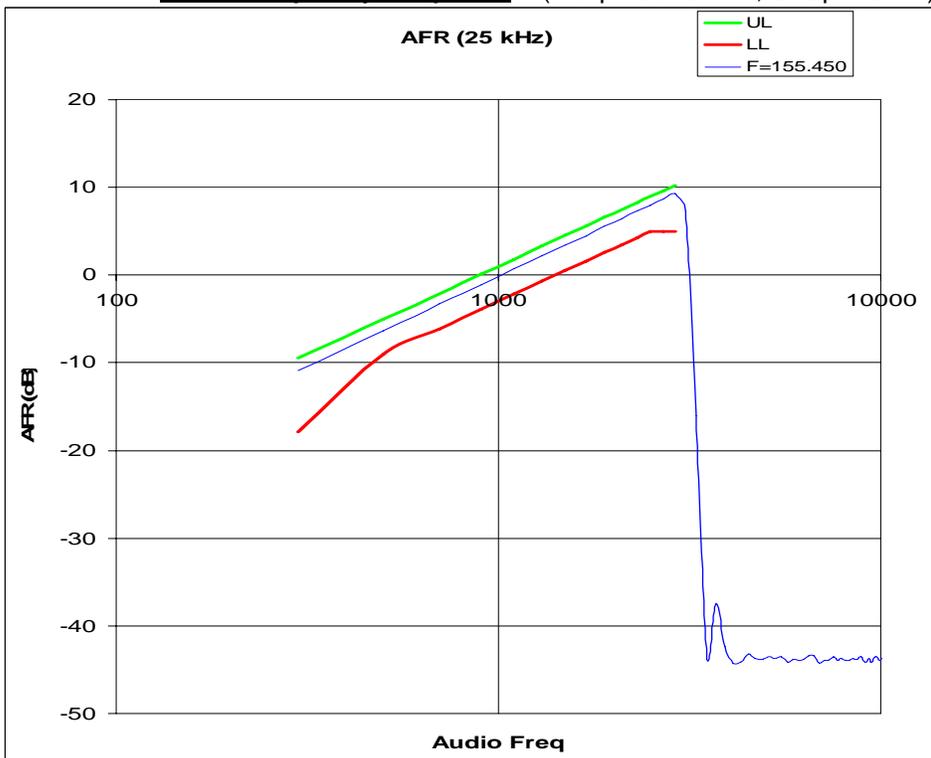


Exhibit 6B-4

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

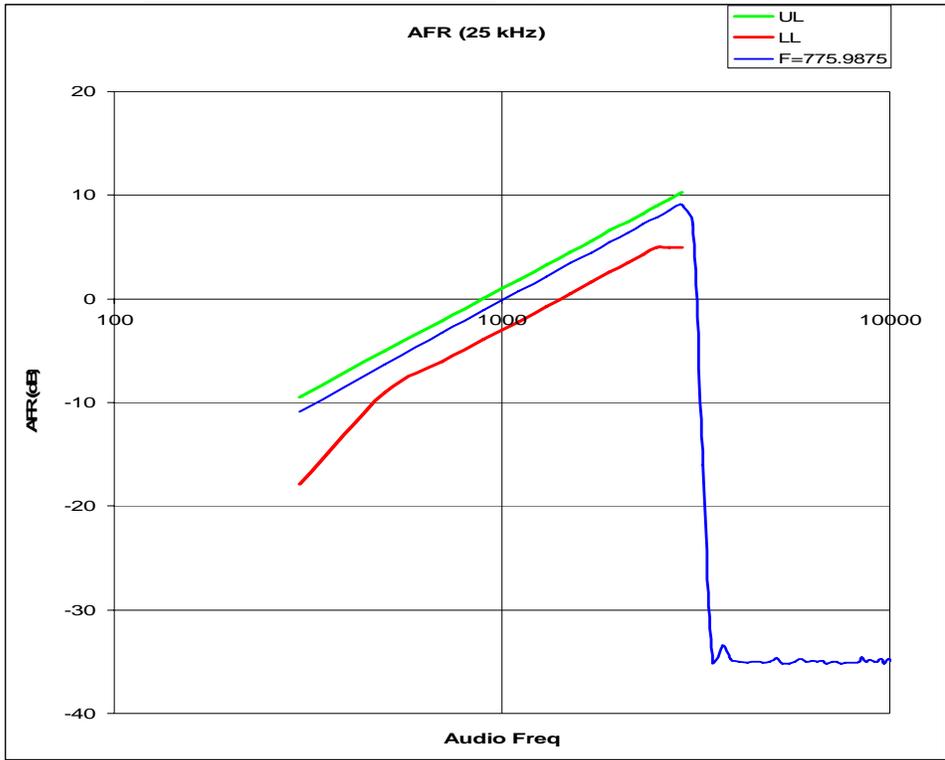


Exhibit 6B-5

Audio Frequency Response (Freq: 860.0125MHz, ChSp: 25kHz)

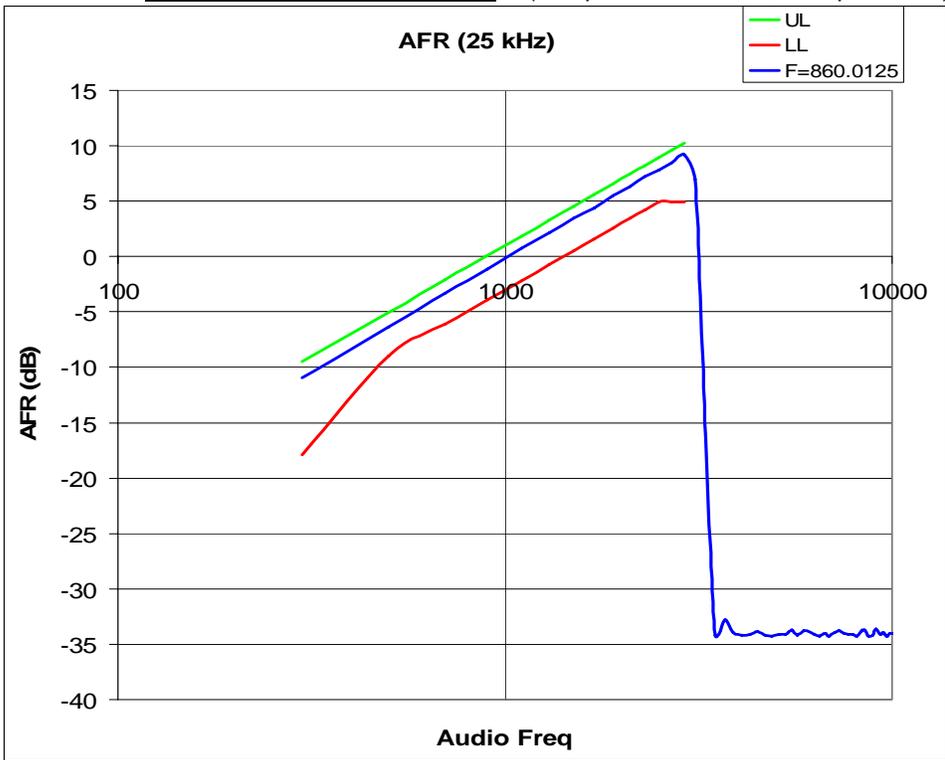


Exhibit 6B-6

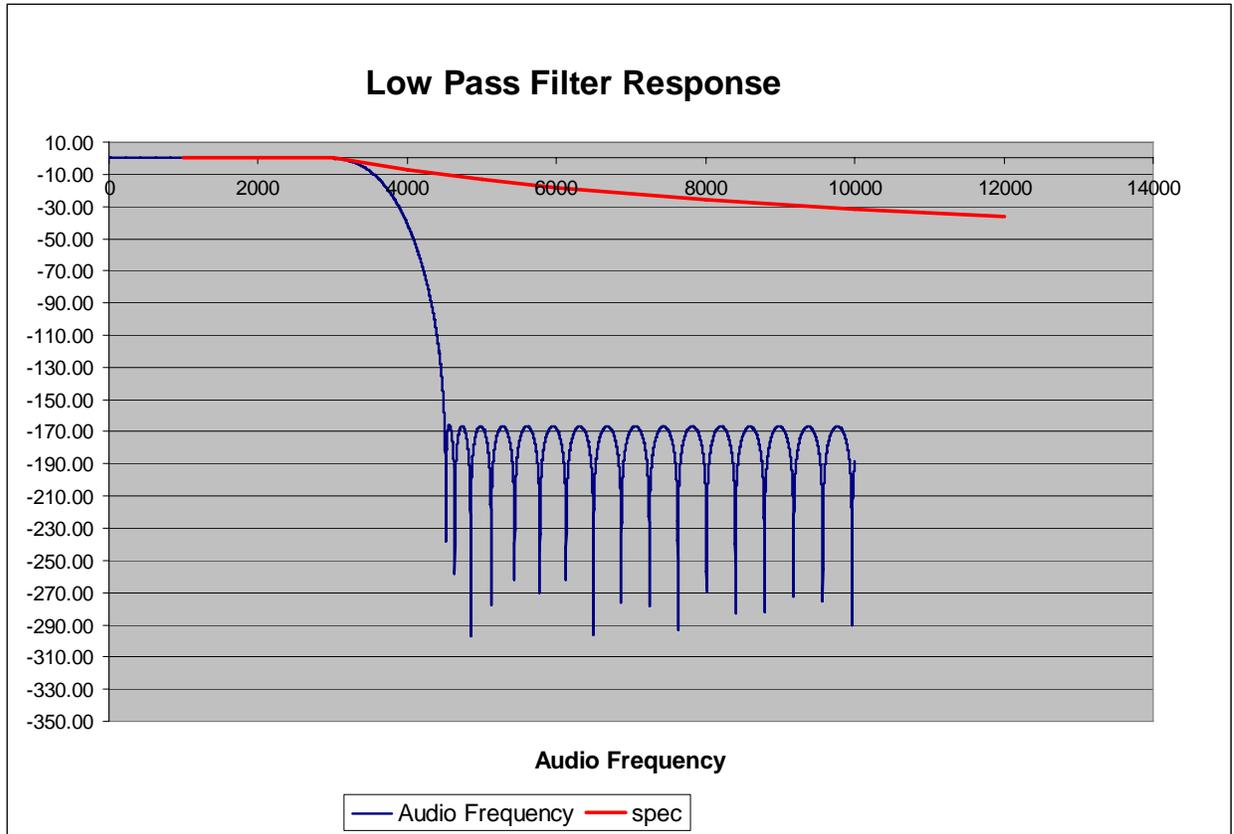
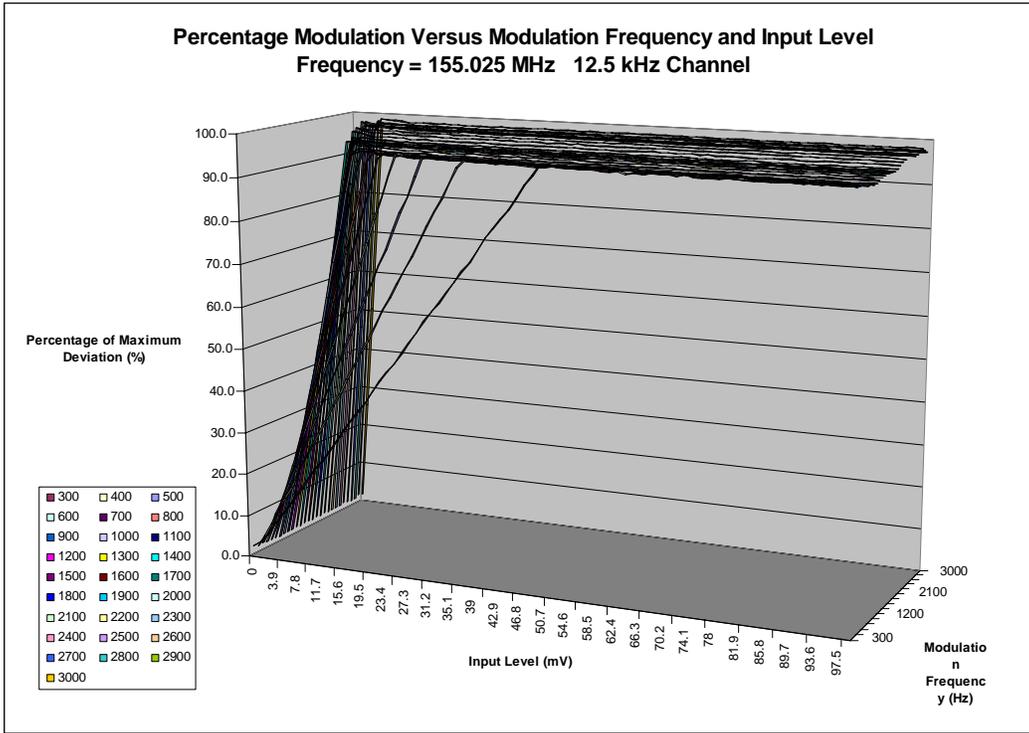


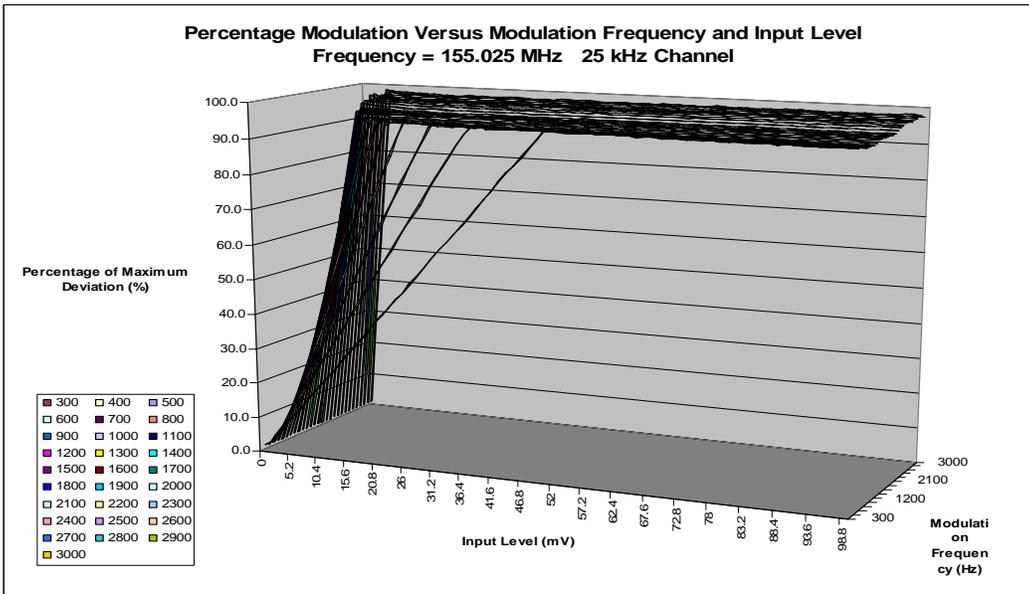
EXHIBIT 6C

Modulation Limiting



The Percentage of Max. Deviation on the "Z" axis is referenced to 2.5kHz for 12.5kHz bandwidth

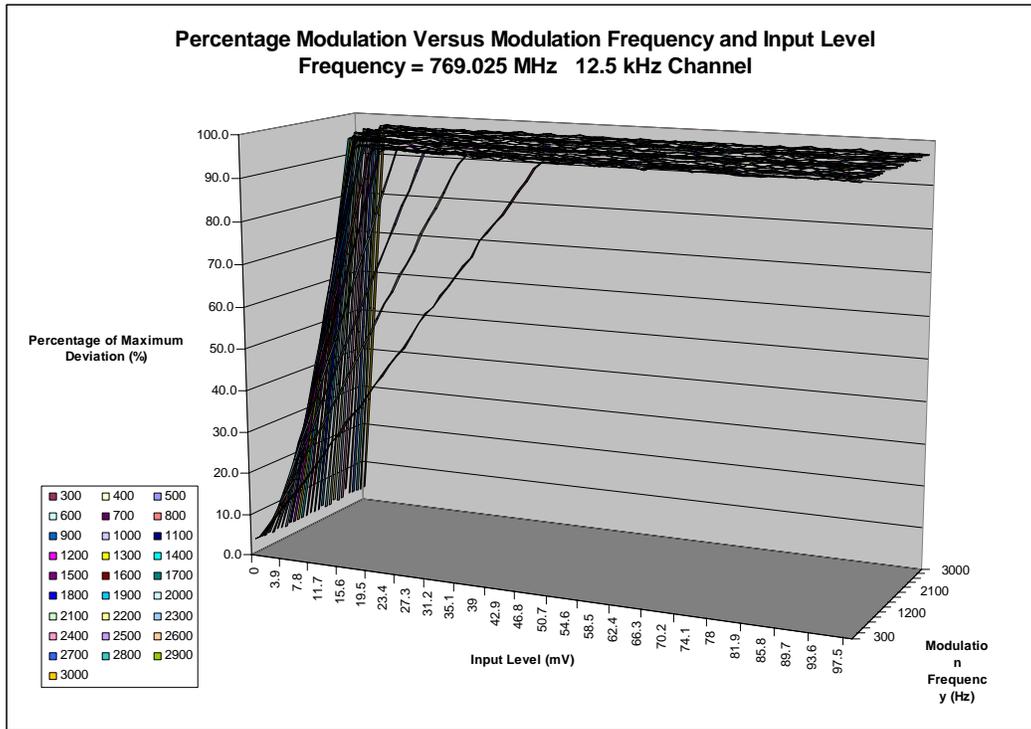
Exhibit 6D-1



The Percentage of Max. Deviation on the "Z" axis is referenced to 5.0kHz for 25kHz bandwidth

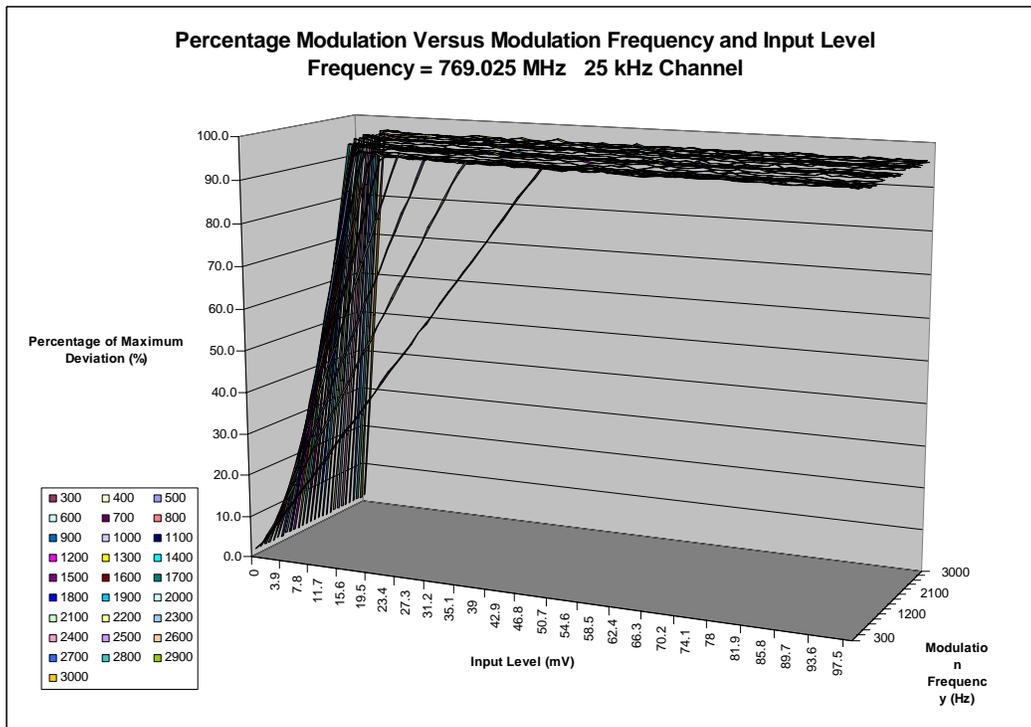
Exhibit 6D-2

Modulation Limiting



The Percentage of Max. Deviation on the "Z" axis is referenced to 2.5kHz for 12.5kHz bandwidth

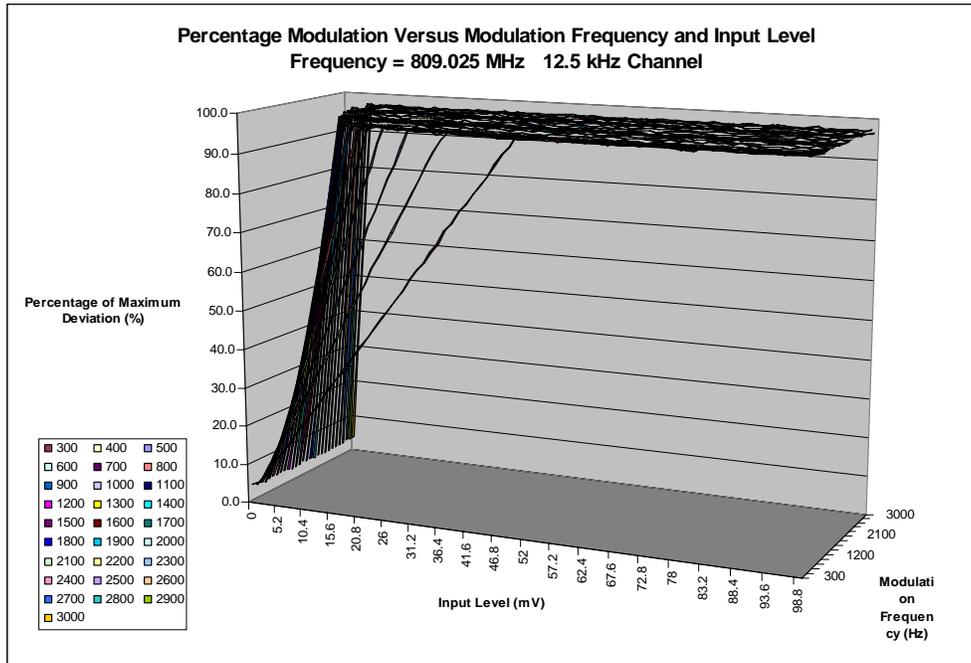
Exhibit 6D-3



The Percentage of Max. Deviation on the "Z" axis is referenced to 5.0kHz for 25kHz bandwidth

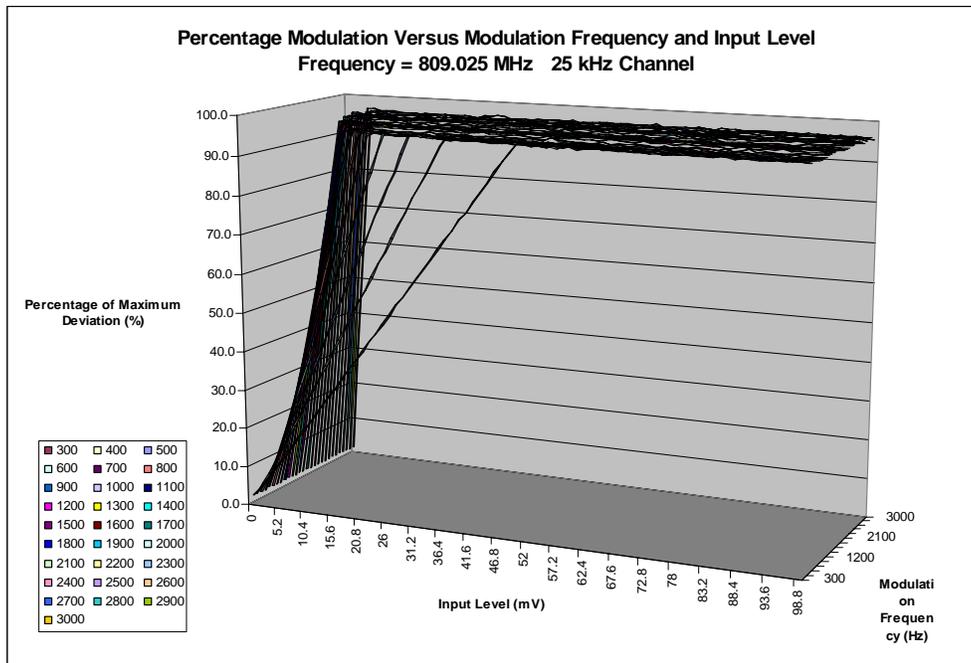
Exhibit 6D-4

Modulation Limiting



The Percentage of Max. Deviation on the "Z" axis is referenced to 2.5kHz for 12.5kHz bandwidth

Exhibit 6D-5



The Percentage of Max. Deviation on the "Z" axis is referenced to 5.0kHz for 25kHz bandwidth

Exhibit 6D-6

Occupied Bandwidth Data**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: AZ489FT7036.

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

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.

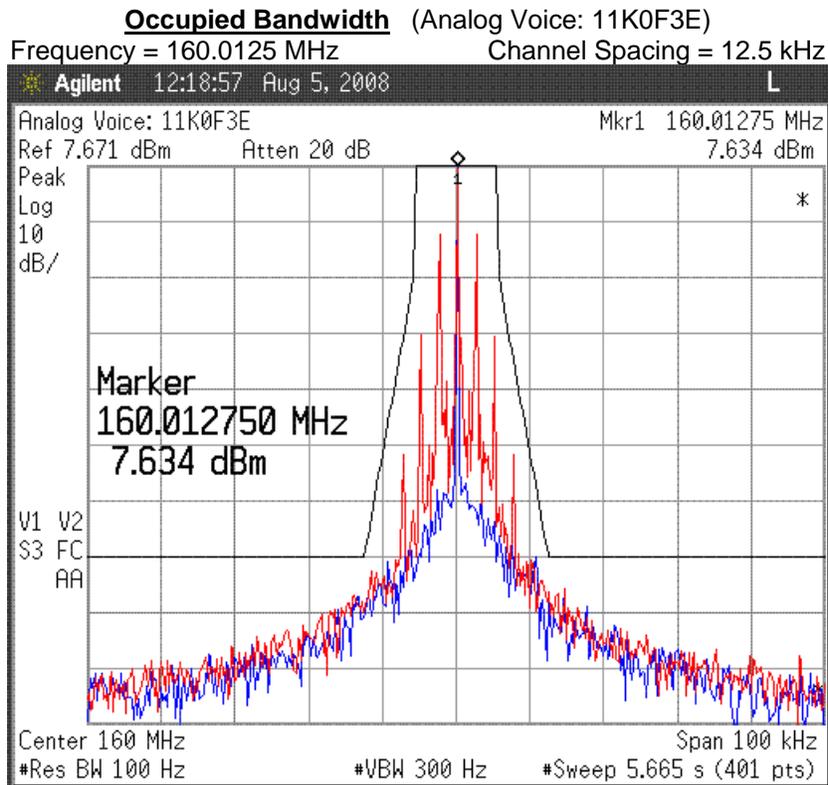


Exhibit 6E-1

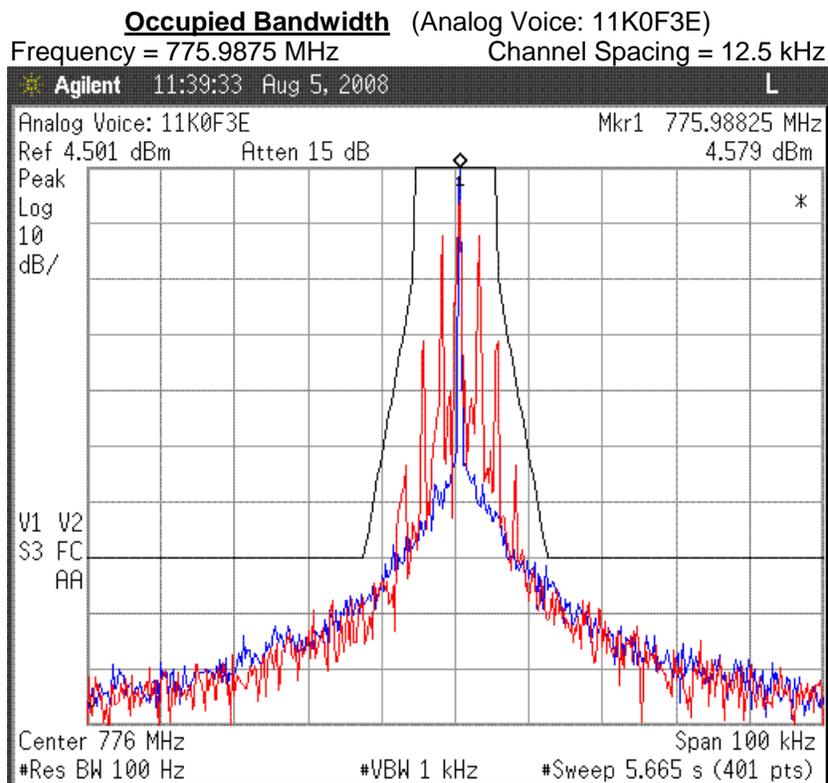


Exhibit 6E-2

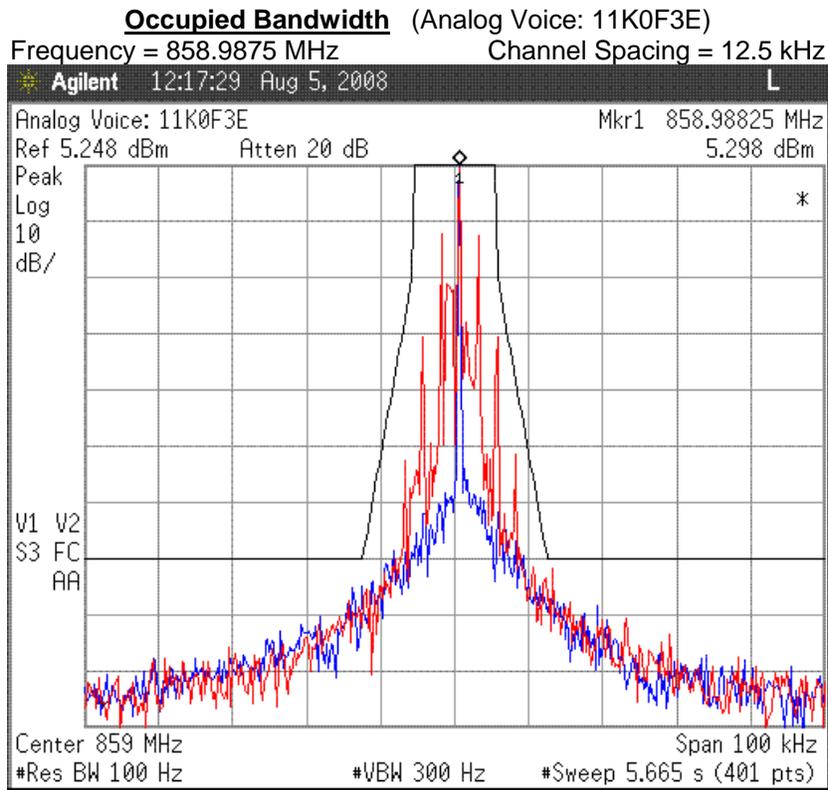


Exhibit 6E-3

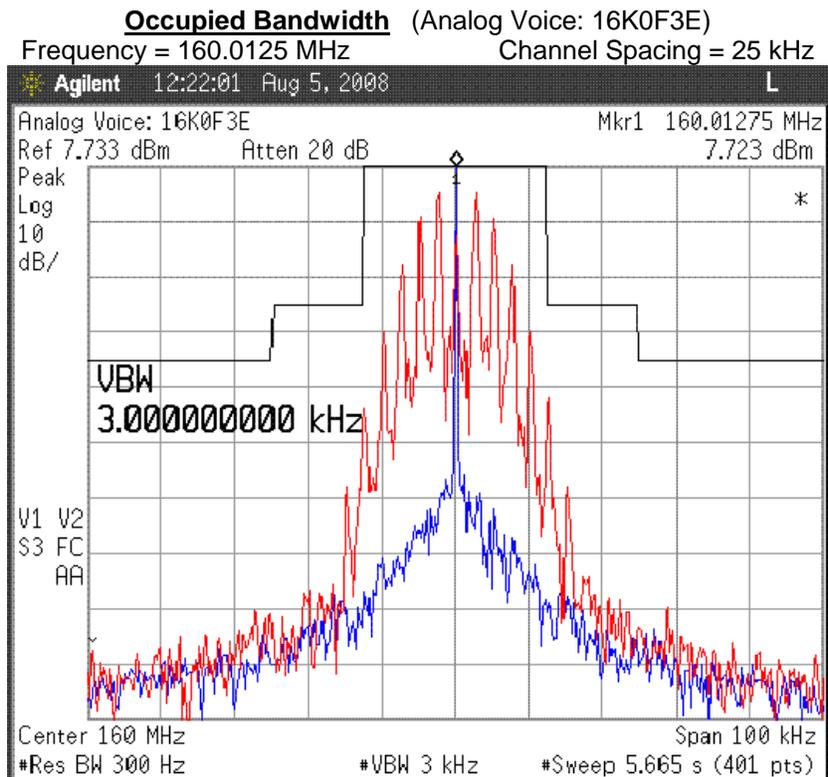


Exhibit 6E-4

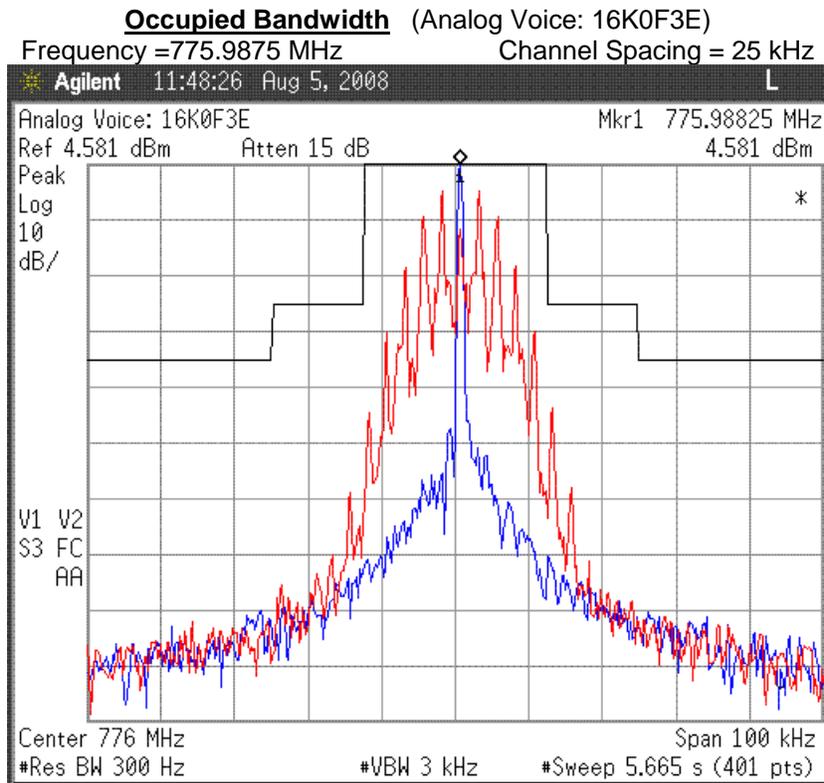


Exhibit 6E-5

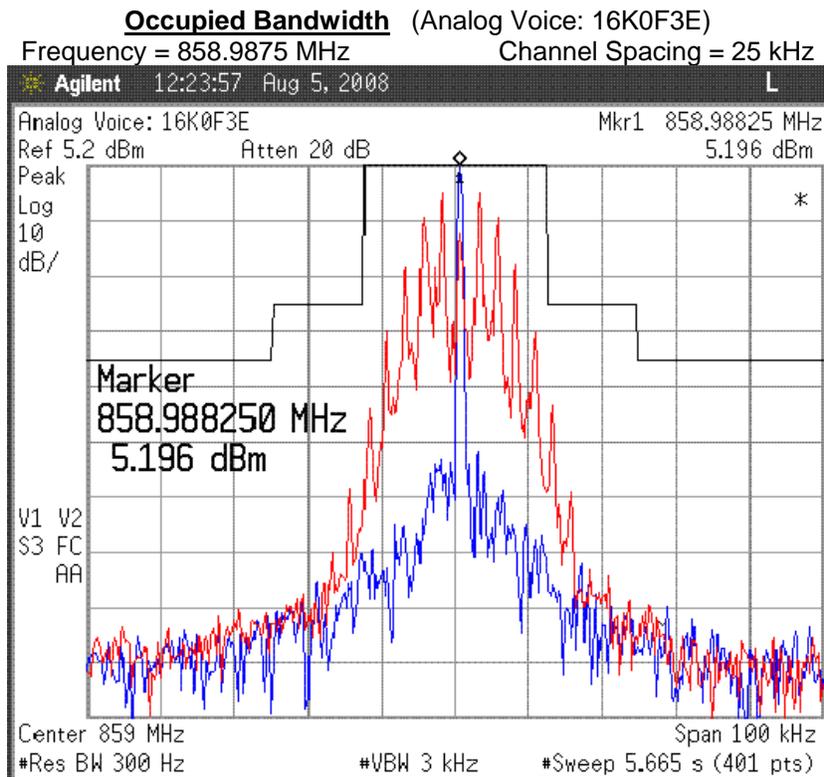


Exhibit 6E-6

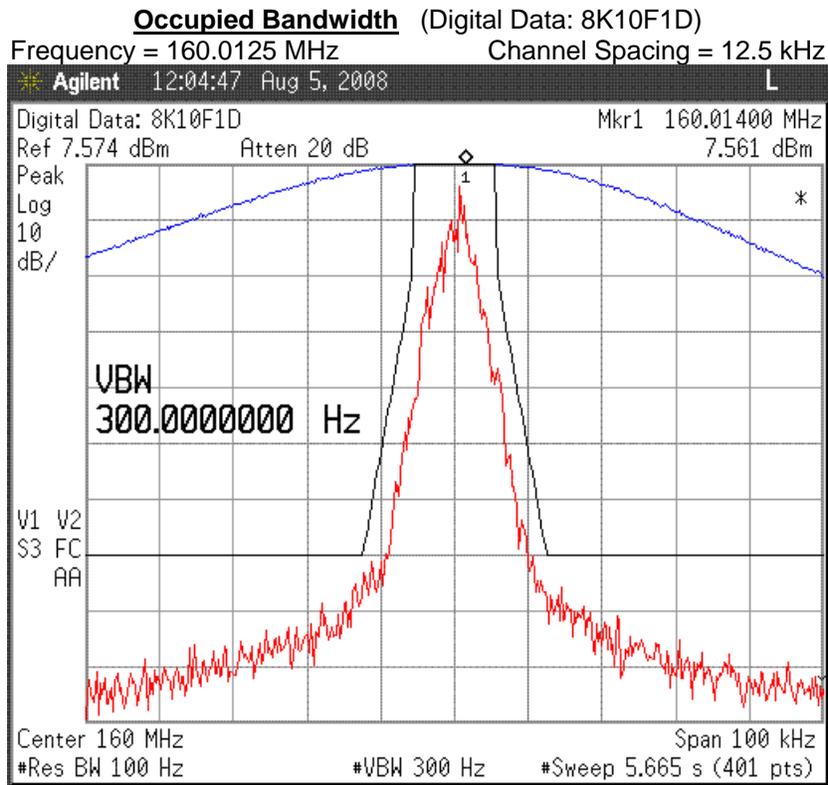


Exhibit 6E-7

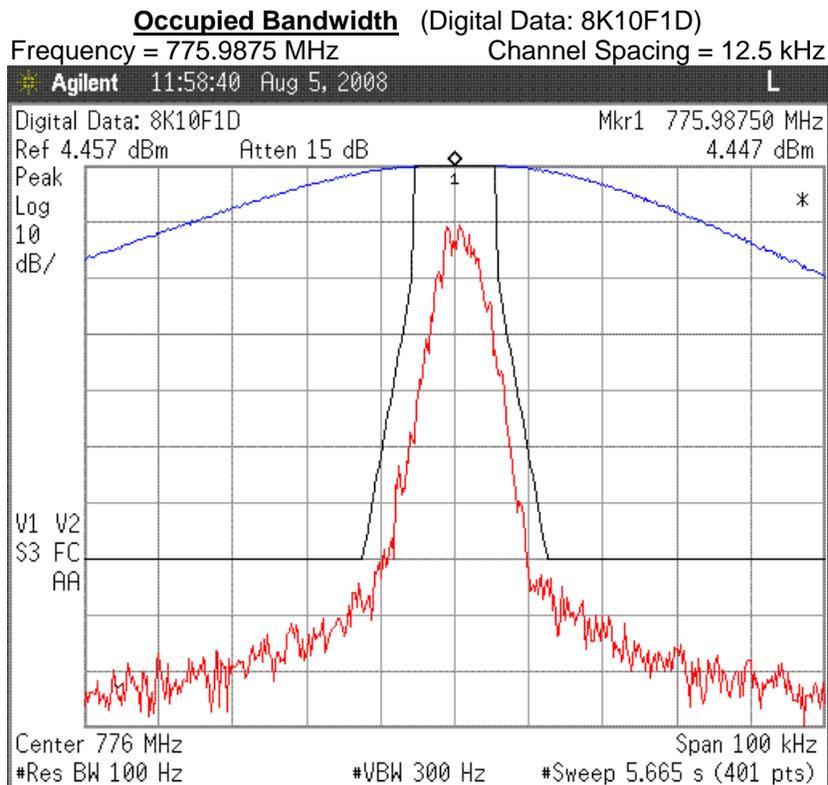


Exhibit 6E-8

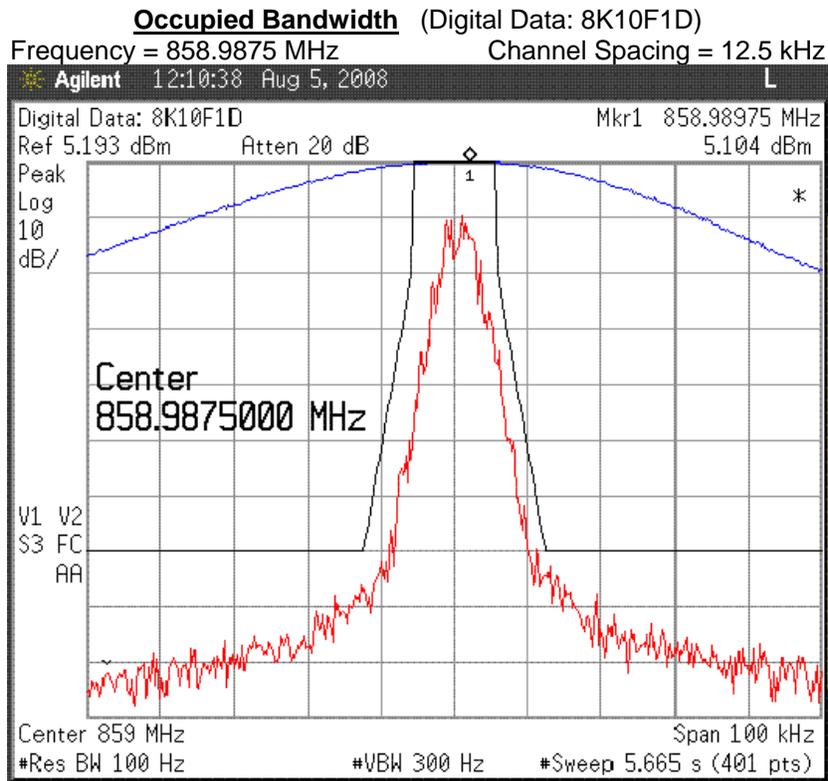


Exhibit 6E-9

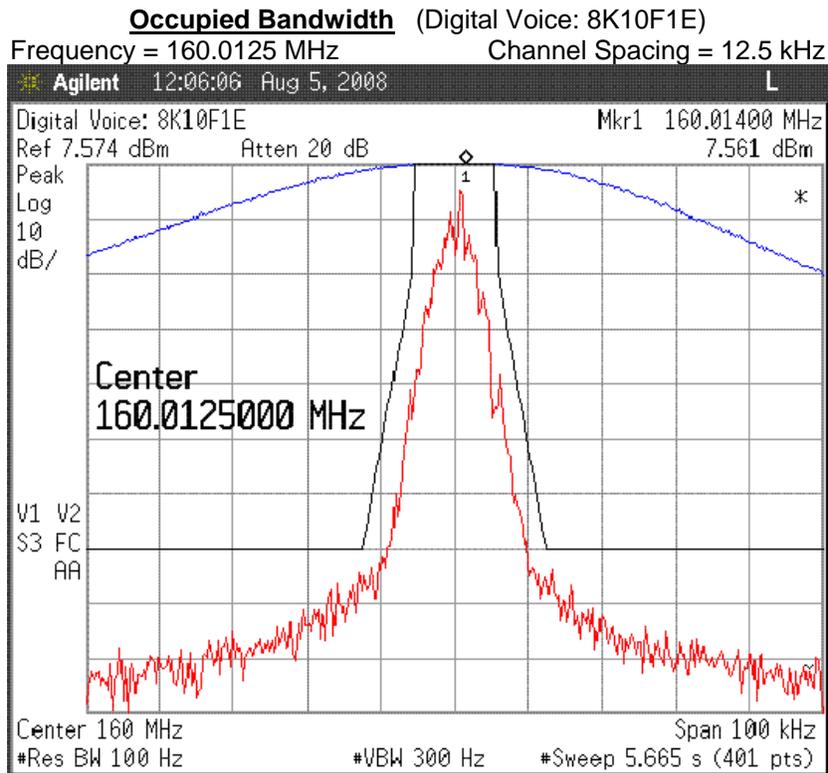


Exhibit 6E-10

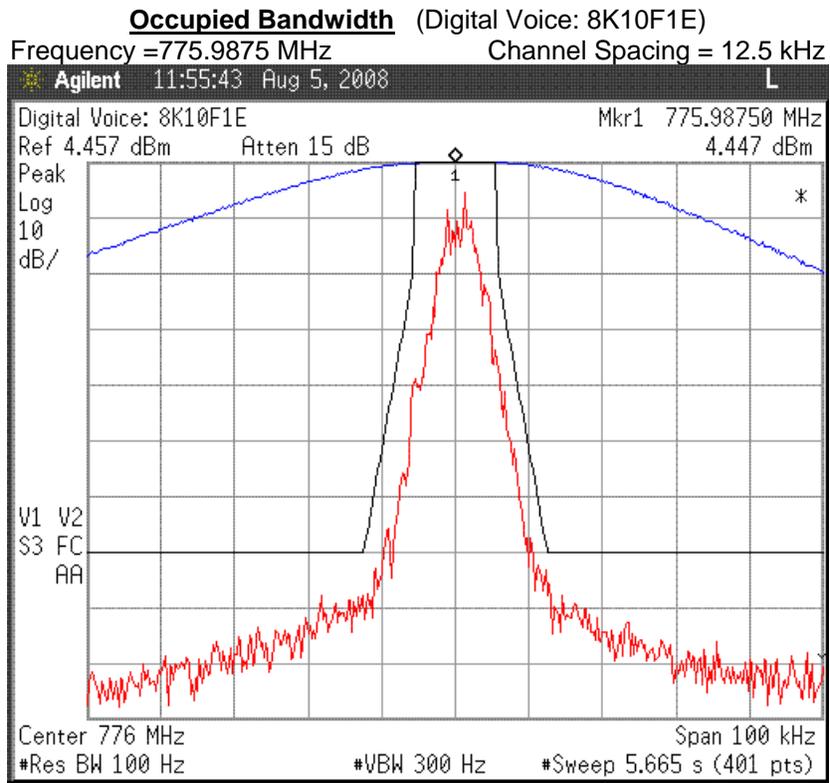


Exhibit 6E-11

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 858.9875 MHz Channel Spacing = 12.5 kHz

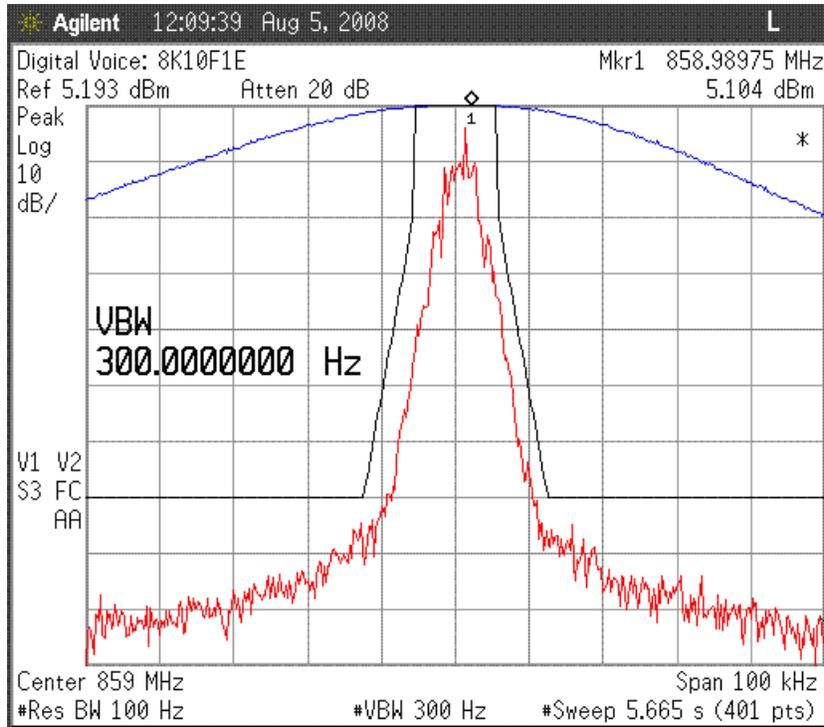


Exhibit 6E-12

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 160.0125 MHz Channel Spacing = 12.5 kHz

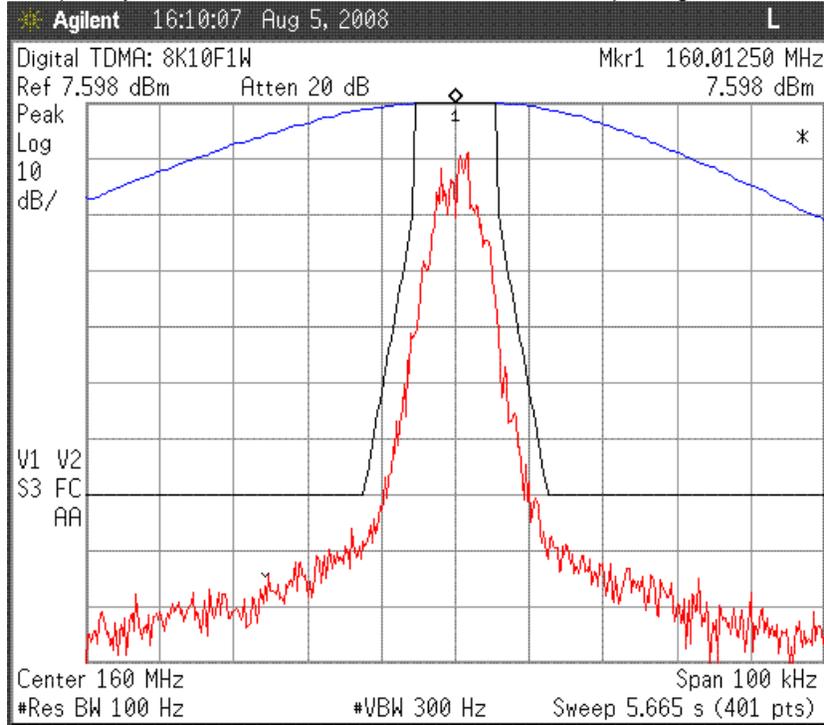


Exhibit 6E-13

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

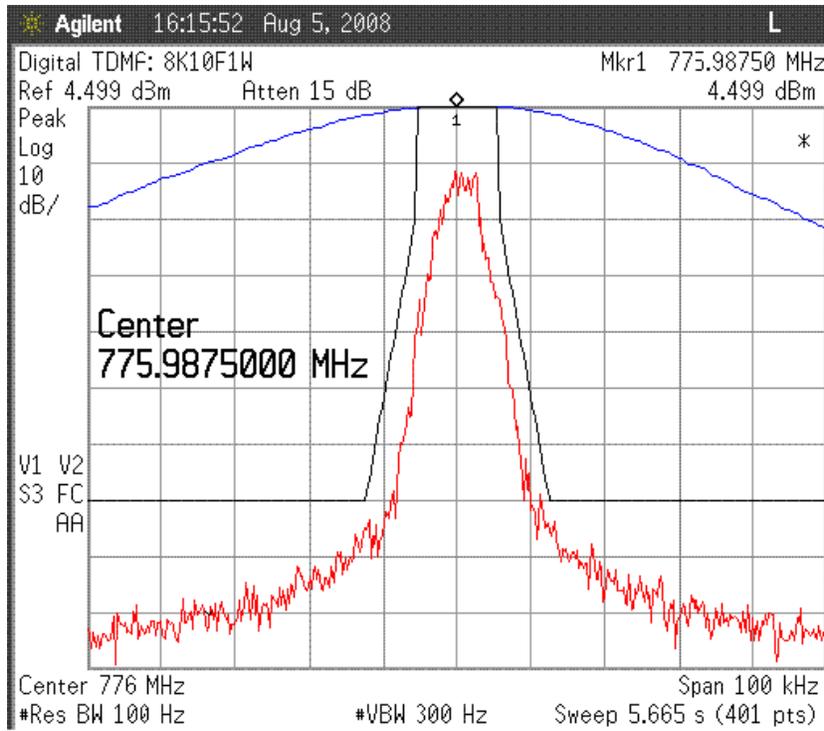


Exhibit 6E-14

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 858.9875 MHz Channel Spacing = 12.5 kHz

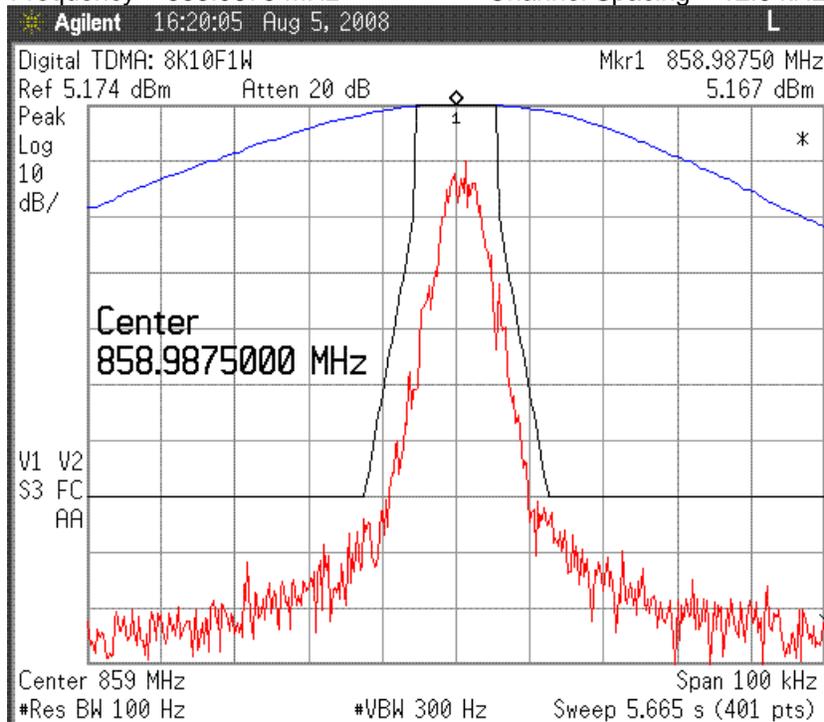


Exhibit 6E-15

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 160.0125 MHz Channel Spacing = 20 kHz

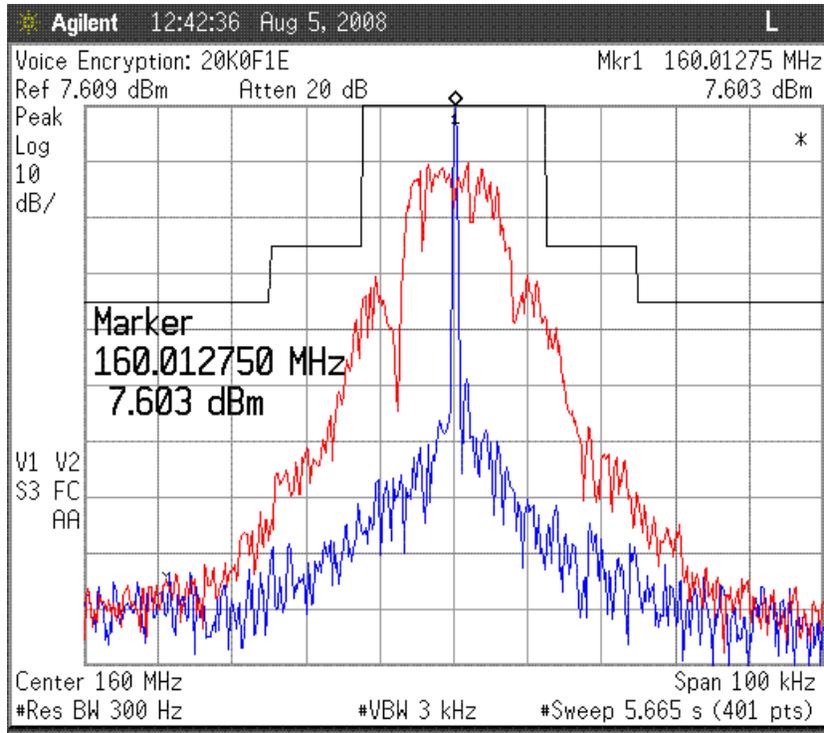


Exhibit 6E-16

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 775.9875 MHz Channel Spacing = 20 kHz

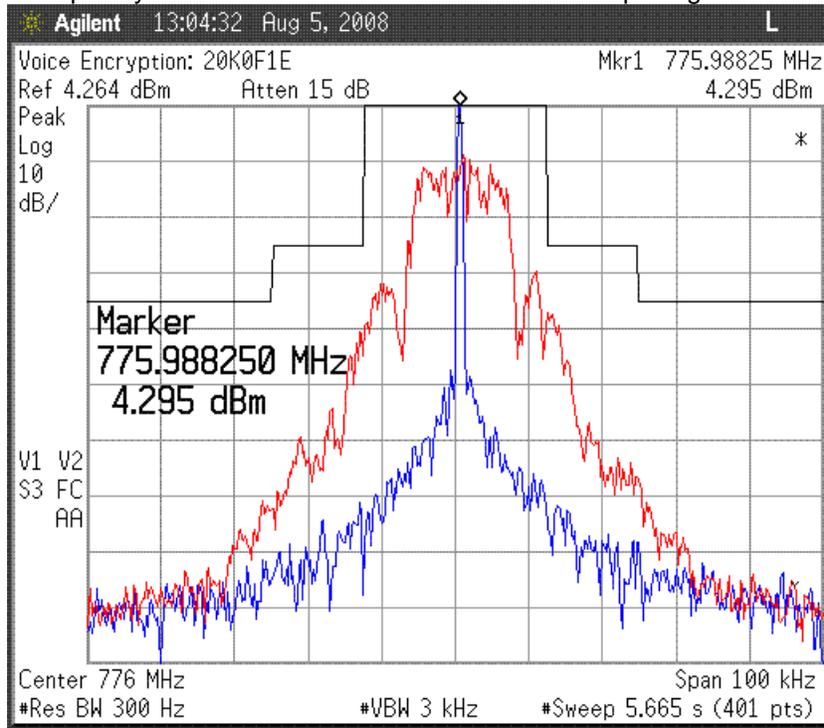


Exhibit 6E-17

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

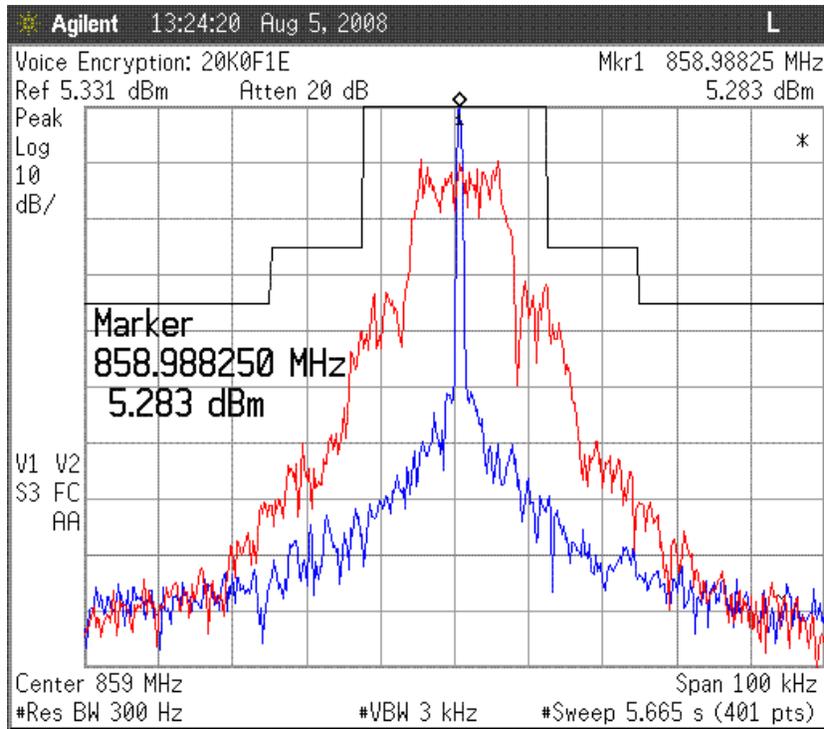


Exhibit 6E-18

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	-68.6	-68.4	-40	
15.625	6.25	-74.8	-74.7	-60	
21.875	6.25	-77.2	-76.5	-60	
37.500	25.00	-73.0	-73.0	-65	
62.500	25.00	-75.7	-75.7	-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	-86.2	-86.0	-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	-75.2	-74.0	-40	
21.875	6.25	-77.5	-76.8	-60	
37.500	25.00	-73.0	-72.6	-65	
62.500	25.00	-75.6	-74.7	-65	
87.500	25.00	-78.6	-78.8	-65	
150.000	100.00	-77.8	-77.5	-65	

250.000	100.00		-83.2		-83.1	-65
350.000	100.00		-86.3		-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-2

DES-XL ANALOG 25 kHz Channel Spacing			794.0125 MHz			
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
15.625	6.25		-33.5		-34.4	-40
21.875	6.25		-53.6		-53.8	-60
37.500	25.00		-62.4		-62.2	-60
62.500	25.00		-72.5		-72.8	-65
87.500	25.00		-73.4		-73.5	-65
150.000	100.00		-77.8		-77.9	-65
250.000	100.00		-83.5		-83.7	-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

Adjacent Channel Coupled Power Ratio

APCO 12.5 kHz Channel Spacing			Voice 794.0125 MHz			
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
9.375	6.25		-50.6		-49.0	-40
15.625	6.25		-73.9		-73.0	-60
21.875	6.25		-76.4		-76.5	-60
37.500	25.00		-72.8		-72.4	-65
62.500	25.00		-75.3		-75.0	-65
87.500	25.00		-78.3		-78.7	-65
150.000	100.00		-77.1		-76.9	-65
250.000	100.00		-82.8		-82.8	-65
350.000	100.00		-86.2		-85.8	-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 Data 794.0125 MHz			
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
9.375	6.25		-40.1		-40.3	-40
15.625	6.25		-74.2		-73.7	-60
21.875	6.25		-77.1		-76.7	-60
37.500	25.00		-73.2		-72.5	-65
62.500	25.00		-75.3		-75.4	-65
87.500	25.00		-78.2		-79.2	-65
150.000	100.00		-77.5		-77.5	-65

250.000	100.00		-82.4		-82.5	-65
350.000	100.00		-86.8		-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-5

12.5 kHz Channel Spacing		F2 Mode		794.0125 MHz		
Offset (kHz)	Meas BW (kHz)		Lower		Upper	Spec (dB)
9.375	6.25		-43.9		-46.8	-40
15.625	6.25		-72.9		-73.5	-60
21.875	6.25		-75.8		-76.2	-60
37.500	25.00		-72.4		-72.2	-65
62.500	25.00		-74.8		-75.1	-65
87.500	25.00		-77.4		-78.3	-65
150.000	100.00		-76.8		-76.7	-65
250.000	100.00		-82.0		-82.5	-65
350.000	100.00		-82.5		-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-6

Transmit Radiated Spurious Emissions: APX7000

Tx Power: 6.6 Watts

153.0125 MHz

Channel Spacing 12.5kHz | S/N 1MWM700245

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
306.0250	-20	*	*
459.0375	-20	*	*
612.0500	-20	*	*
765.0625	-20	*	*
918.0750	-20	*	*
1071.0875	-20	*	-64.10
1224.1000	-20	*	*
1377.1125	-20	*	*
1530.1250	-20	*	*

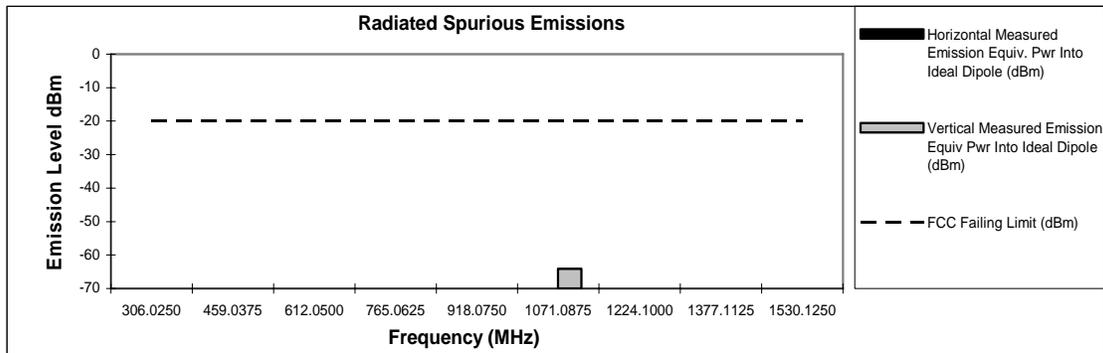


Exhibit 6G-1

Transmit Radiated Spurious Emissions: APX7000

Tx Power: 2.99 Watts

775.9875 MHz

Channel Spacing 12.5kHz | S/N 1MWM700245

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	-69.31	-55.88
2327.9625	-20	-60.39	-53.81
3103.9500	-20	*	*
3879.9375	-20	*	*
4655.9250	-20	*	*
5431.9125	-20	*	*
6207.9000	-20	*	*
6983.8875	-20	*	*
7759.8750	-20	*	*

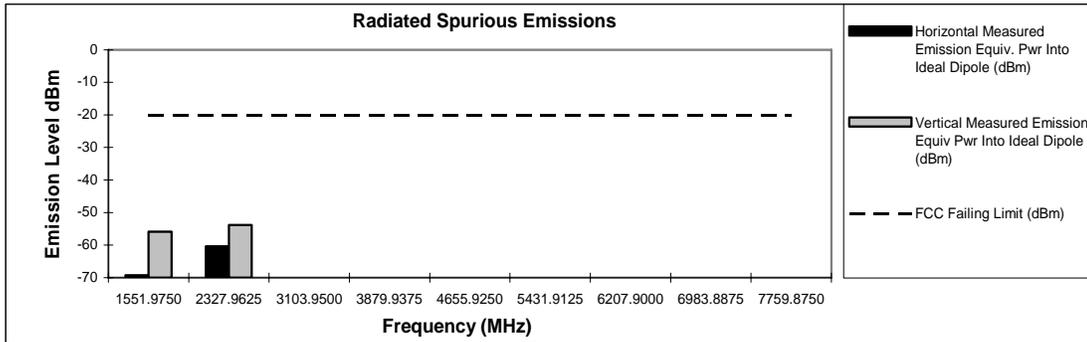


Exhibit 6G-2

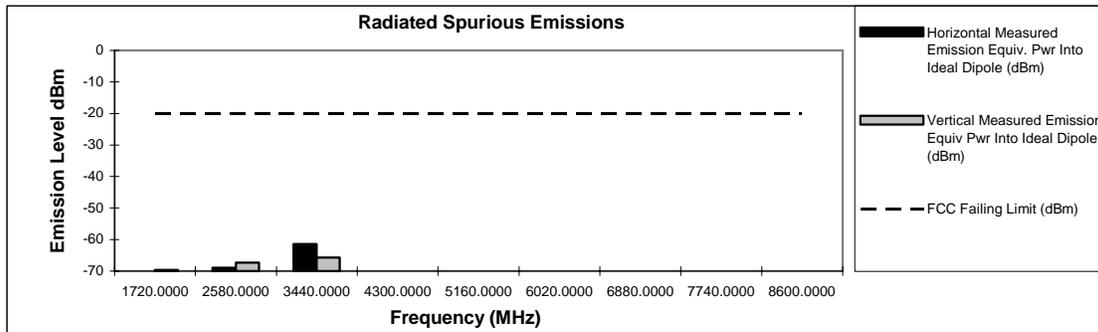
Transmit Radiated Spurious Emissions: APX7000

Tx Power: 3.6 Watts

860 MHz

Channel Spacing 12.5kHz | S/N 1MWM700245

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0000	-20	-70.36	-69.68
2580.0000	-20	-68.92	-67.35
3440.0000	-20	-61.45	-65.73
4300.0000	-20	*	*
5160.0000	-20	*	*
6020.0000	-20	*	*
6880.0000	-20	*	*
7740.0000	-20	*	*
8600.0000	-20	*	*



* 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 6G-3

1559-1605MHz Radiated Emissions (GNSS)

GNSS Testing					
At 3 Meters ERP, ADD +2.15 dB for EIRP					
Date:	8/6/2008	EMC#:	EMC08062008-360	Temp:	86F 72%
Product:	APX7000 - NUR1003A	S/N	1MWM700245	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	-57.28	-52.56		
		Notes:	GNSS		
Tx Freq.	805.0000				
		Horizontal Radiated	Vertical Radiated		
Spur	Frequency	Spur. Emiss.	Spur. Emiss.		
2XFund	MHz	(dBm)	(dBm)		
	1610.0000	-61.81	-56.87		
		Notes:	GNSS		

Transmitter Conducted Emissions

Spurious response was measured at 136.025, 154.225, and 173.975 MHz. All Frequencies were measured to 2 GHz, beyond the tenth harmonic. No spurs were measured above the measurement noise floor of -60 dBm.

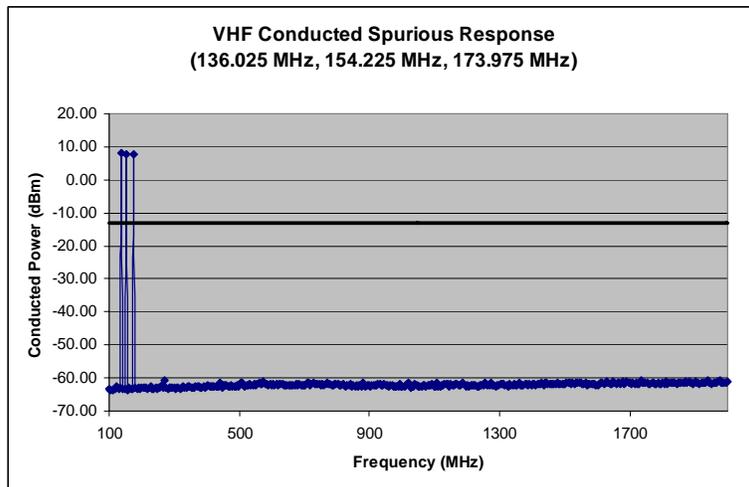


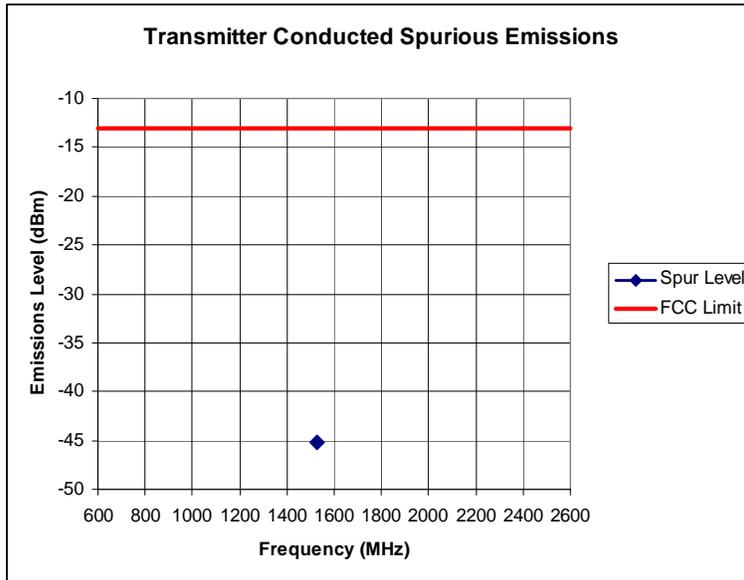
Exhibit 6I-1

Transmitter Conducted Emissions

Freq: 764.0125 MHz, Power: 2.99 Watts

Frequency (MHz)	Spur Level	FCC Limit
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1528.025	-45.26	-13dBm
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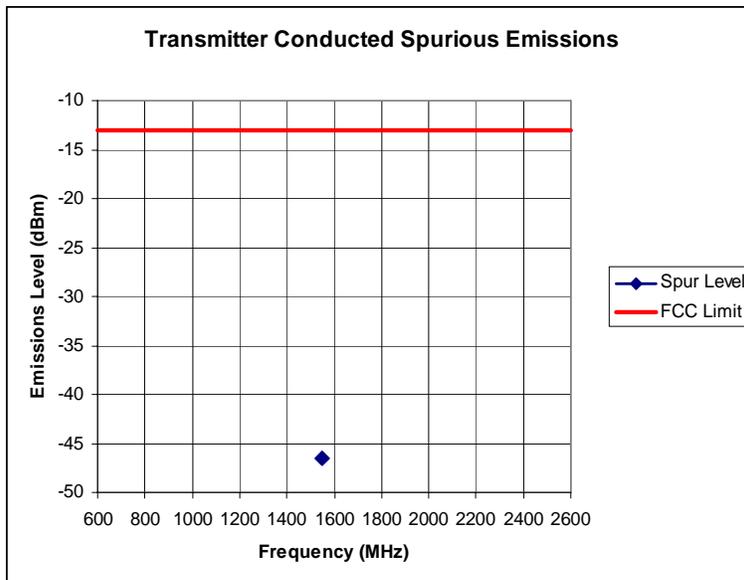
All Transmitter Conducted Spurious Emissions tested to the tenth harmonic.

Exhibit 6I-2

Transmitter Conducted Emissions

Freq: 775.0125 MHz, Power: 2.99 Watts

Frequency (MHz)	Spur Level	FCC Limit
1550.025	-46.53	-13dBm

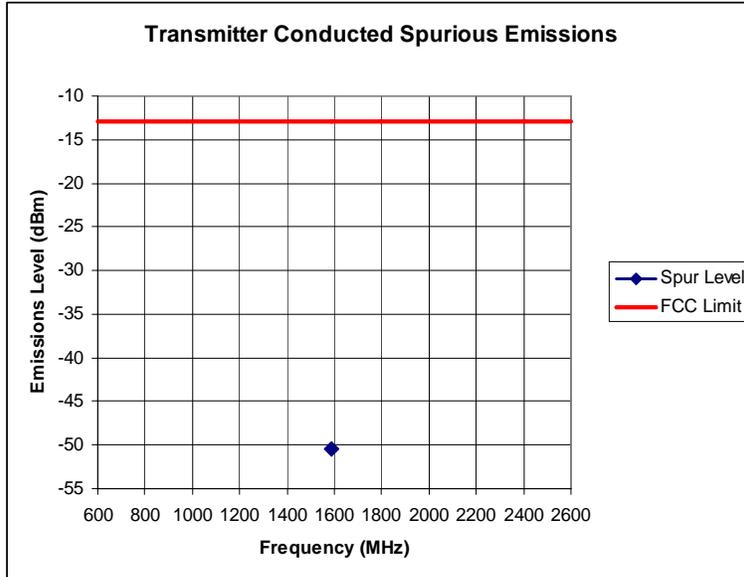


All Transmitter Conducted Spurious Emissions tested to the tenth harmonic.

Exhibit 6I-3

Freq: 794.0125 MHz, Power: 2.99 Watts

Frequency (MHz)	Spur Level	FCC Limit
1588.025	-50.53	-13dBm

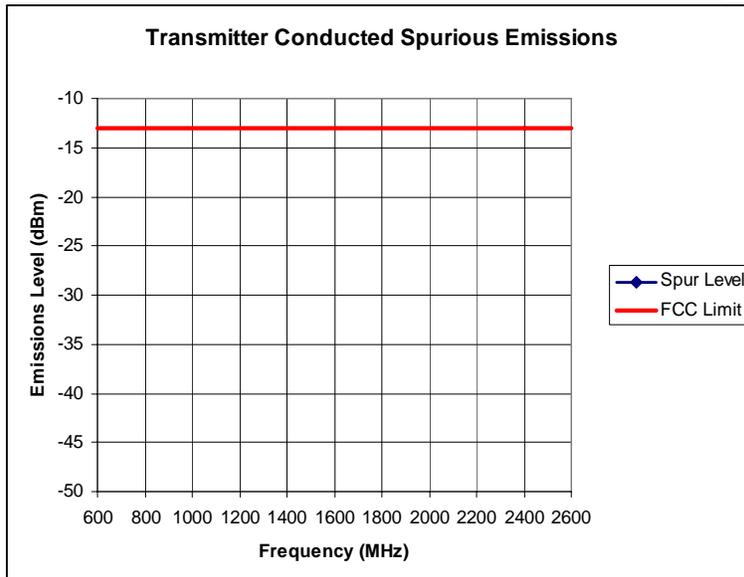


All Transmitter Conducted Spurious Emissions tested to the tenth harmonic.

Exhibit 6I-4

Freq: 814.0125 MHz, Power: 3.6 Watts

Frequency (MHz)	Spur Level	FCC Limit
814.0125	<-50dBm	-13dBm

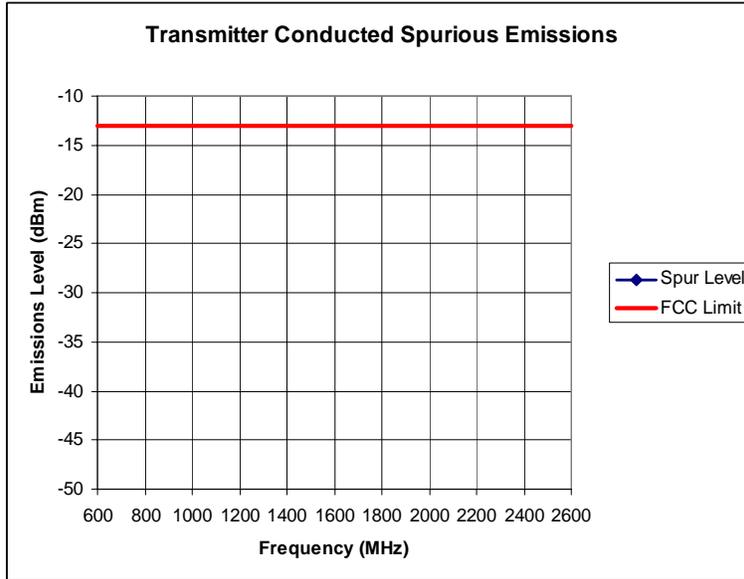


All Transmitter Conducted Spurious Emissions tested to the tenth harmonic.
(No Spurs found above -50 dBm)

Exhibit 6I-5

Freq: 851.0125 MHz, Power: 3.6 Watts

Frequency (MHz)	Spur Level	FCC Limit
851.0125	<-50dBm	-13dBm

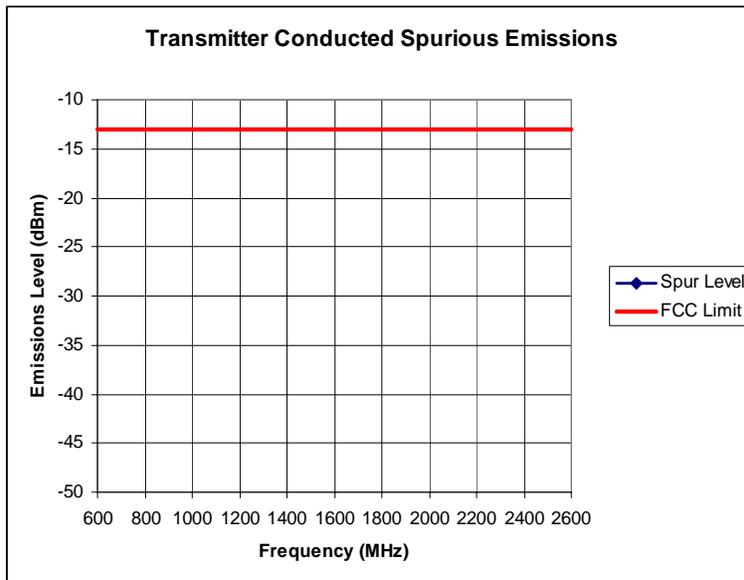


All Transmitter Conducted Spurious Emissions tested to the tenth harmonic.
 (No Spurs found above -50 dBm)

Exhibit 6I-6

Freq: 869.0125 MHz, Power: 3.6 Watts

Frequency (MHz)	Spur Level	FCC Limit
869.0125	<-50dBm	-13dBm



All Transmitter Conducted Spurious Emissions tested to the tenth harmonic.
 (No Spurs found above -50 dBm)

Exhibit 6I-7

Power Line Conducted Spurious Emissions**Scan Parameters: Hardware Setup latest FCC class B – [EMI conducted]**

Subrange 1

Freq. Range: 150kHz - 30MHz
Receiver: ESMI
Transducer: LISN / ESMI-LISN

Test frequencies were swept from 150kHz to 30MHz in accordance with FCC 15.107. The tables below list the worst-case quasi-peak and average detector values for both Line and Neutral.

Mode : Receive 136.025MHz

Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Bandwidth (Hz)	PE	Line
0.150000	43.5	16.9	9000.000	GND	L1
0.158000	42.5	17.0	9000.000	GND	L1
0.182000	46.4	36.9	9000.000	GND	L1
0.278000	43.8	34.8	9000.000	GND	L1
0.282000	44.0	35.2	9000.000	GND	L1
0.458000	30.5	26.1	9000.000	GND	L1
0.150000	43.3	16.2	9000.000	GND	N
0.158000	42.3	16.9	9000.000	GND	N
0.182000	46.6	35.7	9000.000	GND	N
0.278000	42.3	34.7	9000.000	GND	N
0.282000	43.7	36.2	9000.000	GND	N
0.458000	30.0	25.8	9000.000	GND	N

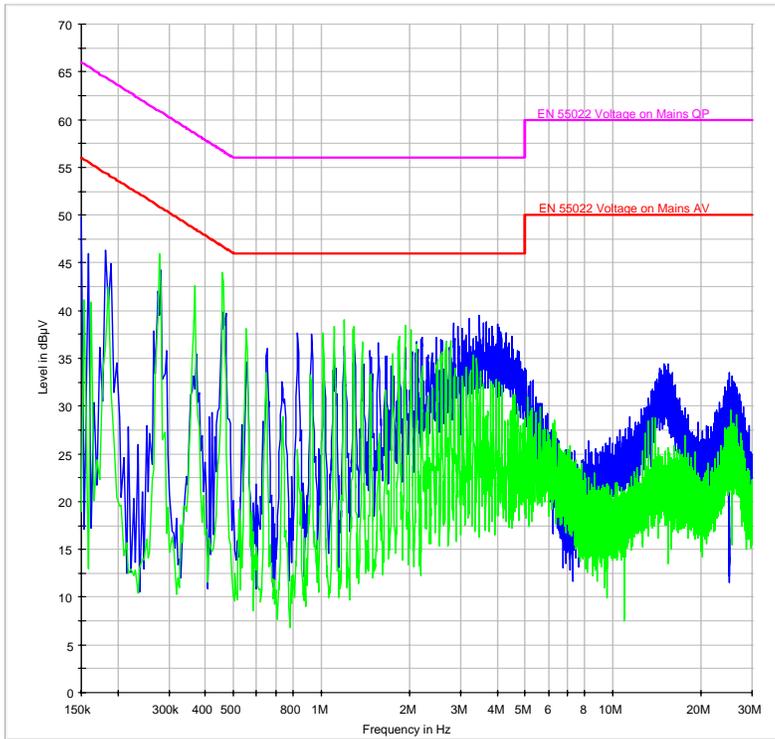


Exhibit 6J-1

Power Line Conducted Spurious Emissions

EUT Name: APX7000
 Serial Number: 1MWM560152
 Battery & Charger: NNTN7038A & WPLN4114AR
 Test Description: Power-line conducted emissions
 Operating Conditions: Room temp
 Operator Name: Frank Baader
 Comment: N (Green) L1 (Blue)

Mode : Transmit 136.025MHz

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.162000	40.2	16.9	9000.000	GND	L1
0.170000	39.8	21.0	9000.000	GND	L1
0.178000	41.5	29.5	9000.000	GND	L1
0.186000	51.4	43.1	9000.000	GND	L1
0.194000	41.9	31.1	9000.000	GND	L1
0.278000	45.3	36.6	9000.000	GND	L1
0.162000	40.0	16.3	9000.000	GND	N
0.170000	39.0	19.8	9000.000	GND	N
0.178000	41.4	28.5	9000.000	GND	N
0.186000	52.4	42.5	9000.000	GND	N
0.194000	42.7	31.4	9000.000	GND	N
0.278000	44.0	36.8	9000.000	GND	N

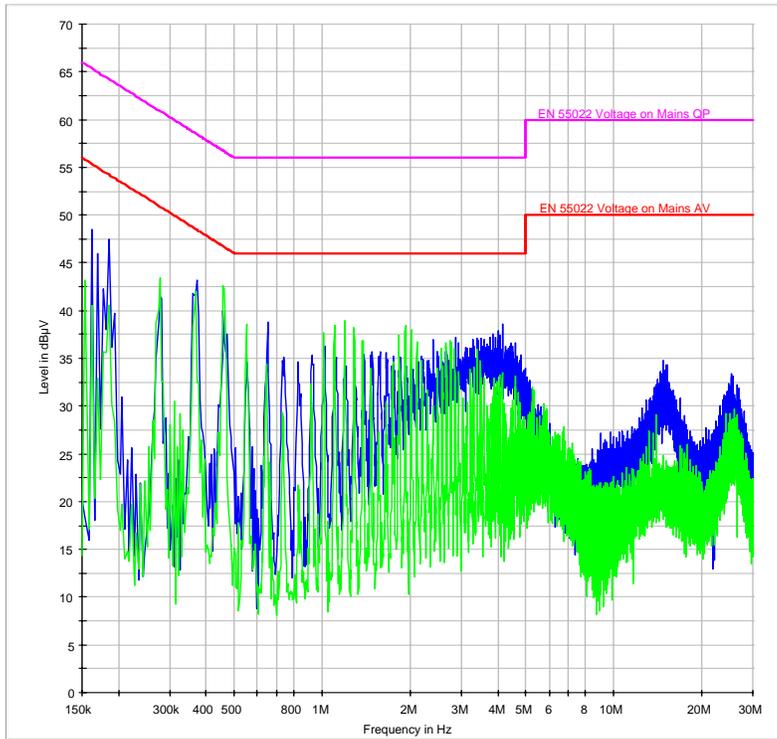


Exhibit 6J-2

Power Line Conducted Spurious Emissions

EUT Name: APX7000
 Serial Number: 1MWM560152
 Battery & Charger: NNTN7038A & WPLN4114AR
 Test Description: Power-line conducted emissions
 Operating Conditions: Room temp
 Operator Name: Frank Baader
 Comment: N (Green) L1 (Blue)

Mode : Receive 851.0125MHz

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.154000	42.4	16.6	9000.000	GND	L1
0.170000	40.8	22.3	9000.000	GND	L1
0.178000	43.1	32.2	9000.000	GND	L1
0.182000	48.8	40.5	9000.000	GND	L1
0.186000	51.1	43.2	9000.000	GND	L1
0.274000	42.7	33.7	9000.000	GND	L1
0.154000	42.6	17.3	9000.000	GND	N
0.170000	40.8	20.8	9000.000	GND	N
0.178000	43.2	30.6	9000.000	GND	N
0.182000	49.3	39.2	9000.000	GND	N
0.186000	52.5	43.0	9000.000	GND	N
0.274000	41.0	33.4	9000.000	GND	N

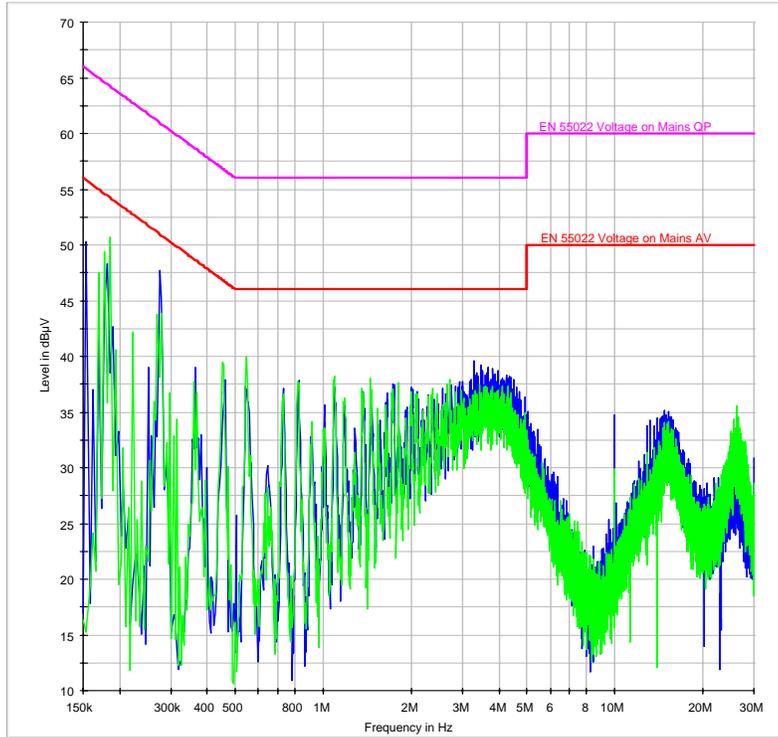


Exhibit 6J-3

Power Line Conducted Spurious Emissions

EUT Name: APX7000
 Serial Number: 1MWM560152
 Battery & Charger: NNTN7038A & WPLN4114AR
 Test Description: Power-line conducted emissions
 Operating Conditions: Room temp
 Operator Name: Frank Baader
 Comment: N (Green) L1 (Blue)

Mode : Transmit 851.0125MHz

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.154000	43.0	16.9	9000.000	GND	L1
0.162000	41.6	17.4	9000.000	GND	L1
0.170000	41.5	21.9	9000.000	GND	L1
0.178000	42.6	29.8	9000.000	GND	L1
0.186000	51.1	42.8	9000.000	GND	L1
0.278000	45.8	37.3	9000.000	GND	L1
0.154000	42.8	16.7	9000.000	GND	N
0.162000	41.7	17.1	9000.000	GND	N
0.170000	41.0	19.9	9000.000	GND	N
0.178000	42.1	28.8	9000.000	GND	N
0.186000	52.2	42.4	9000.000	GND	N
0.278000	44.9	37.7	9000.000	GND	N

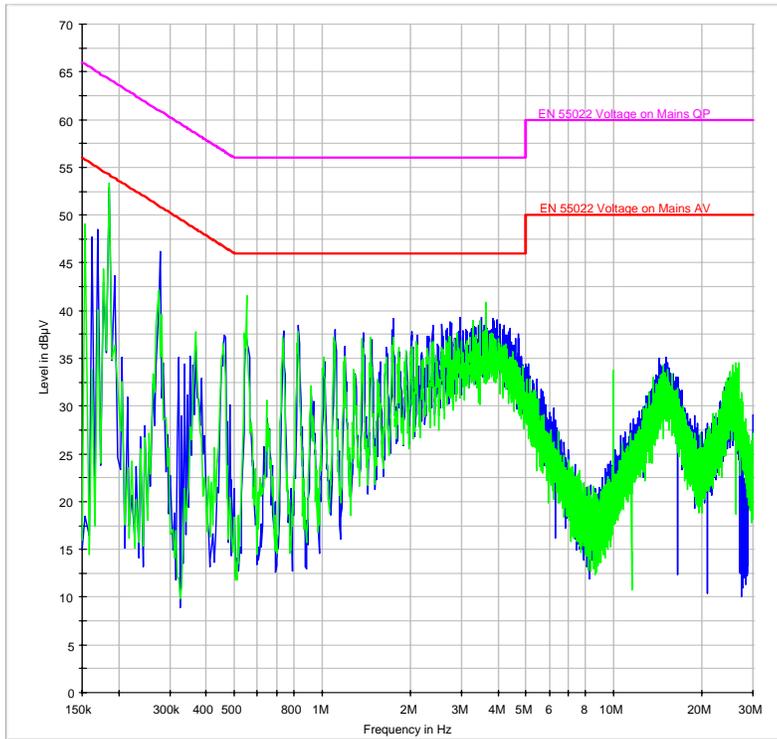


Exhibit 6J-4

Frequency Stability

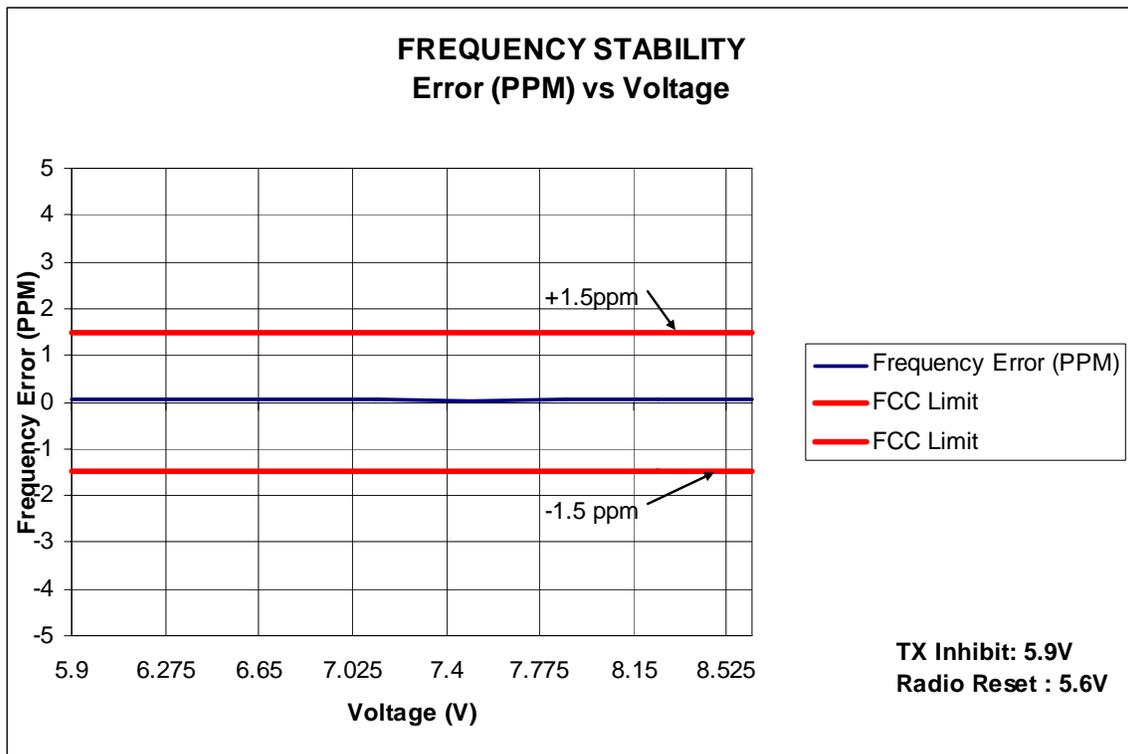


Exhibit 6K-1

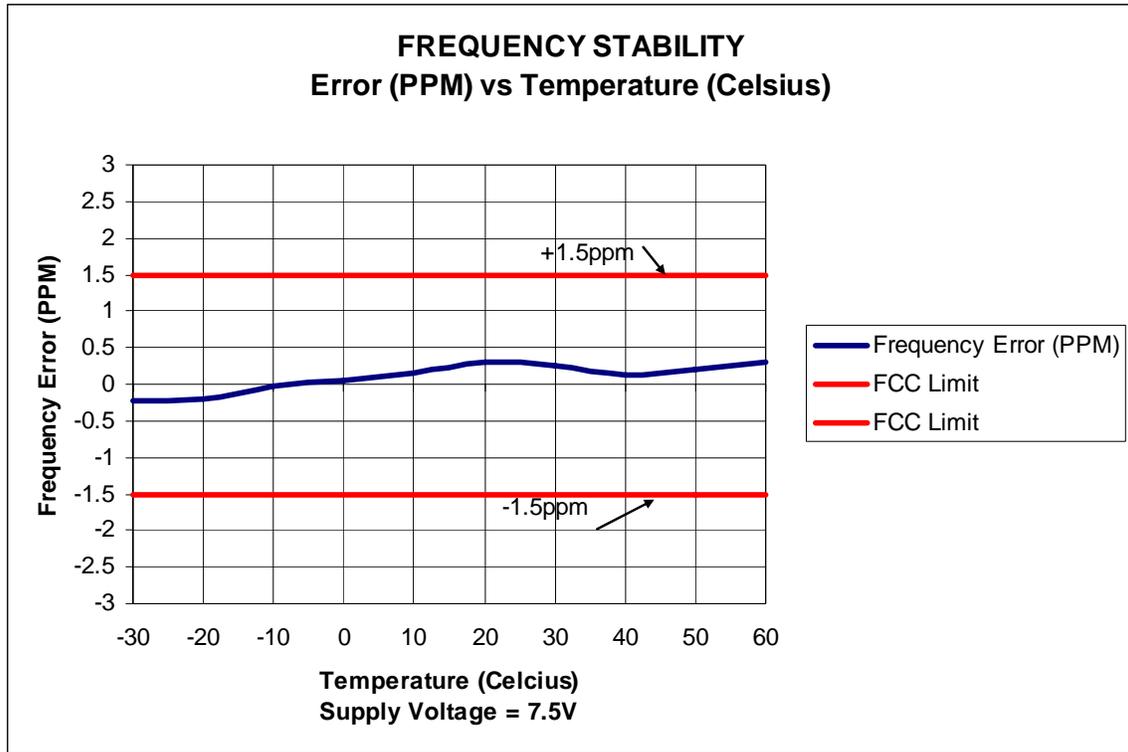


Exhibit 6K-2

Transient Frequency Behavior

TX 154.225MHz – 12.5kHz Channel Spacing – Transmitter On

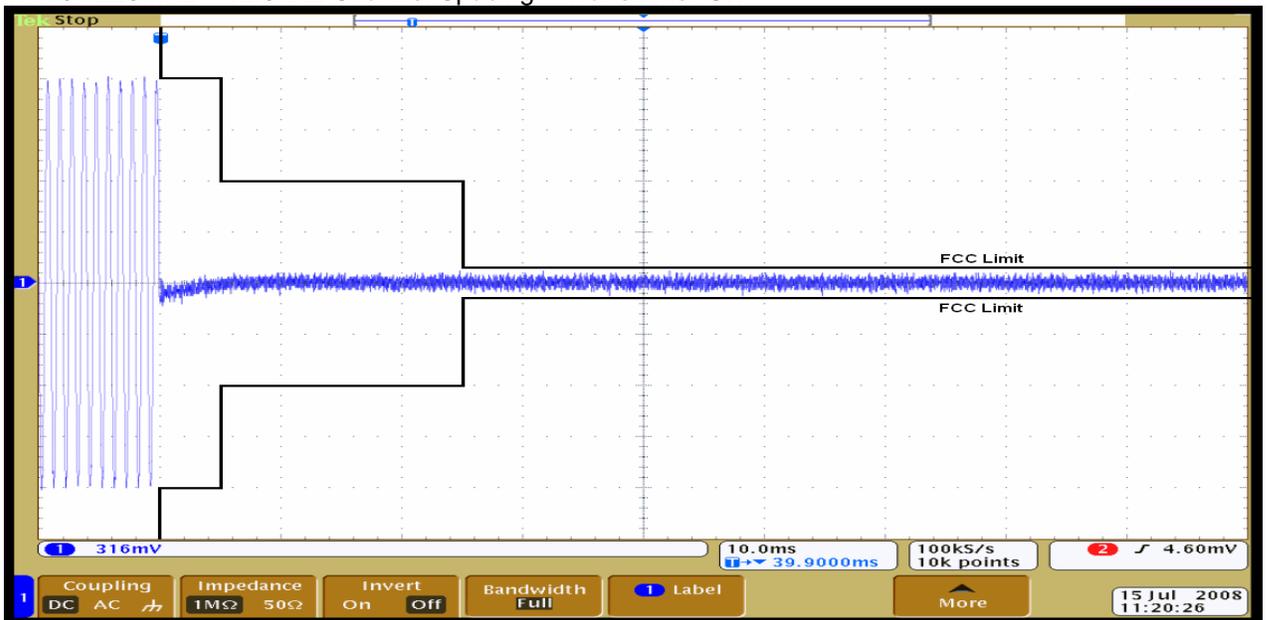


Exhibit 6L-1

TX 154.225Mhz – 12.5kHz Channel Spacing – Transmitter Off

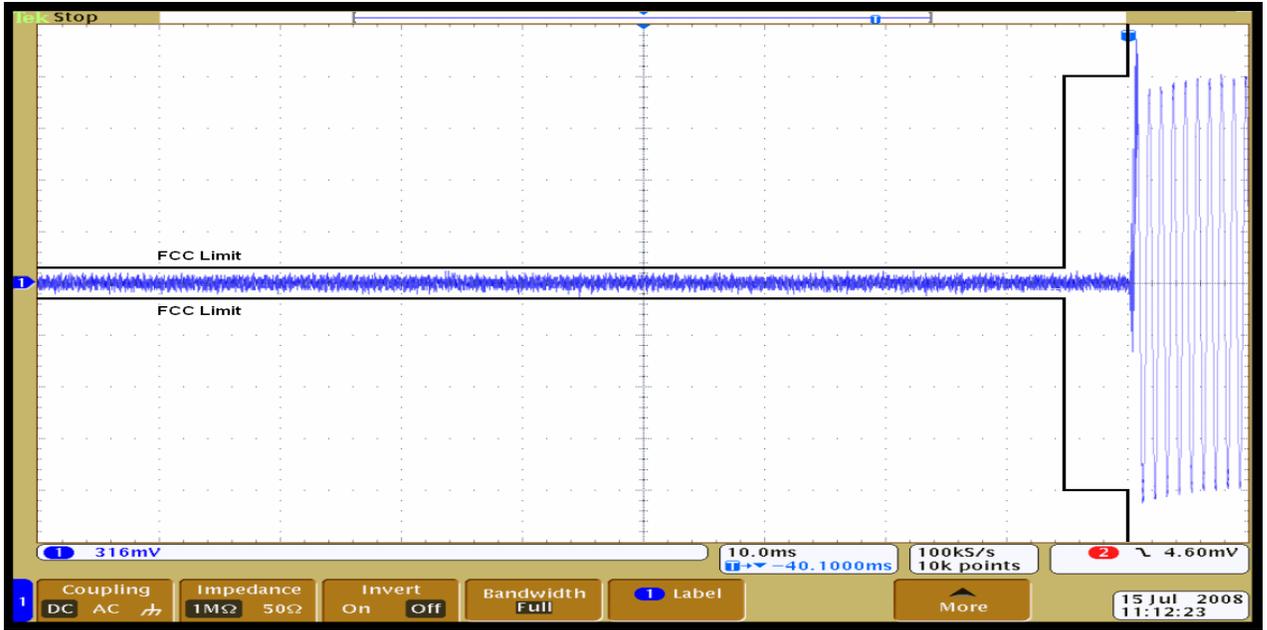


Exhibit 6L-2

Transmit at 154.225MHz – 25kHz Channel Spacing – Transmitter On

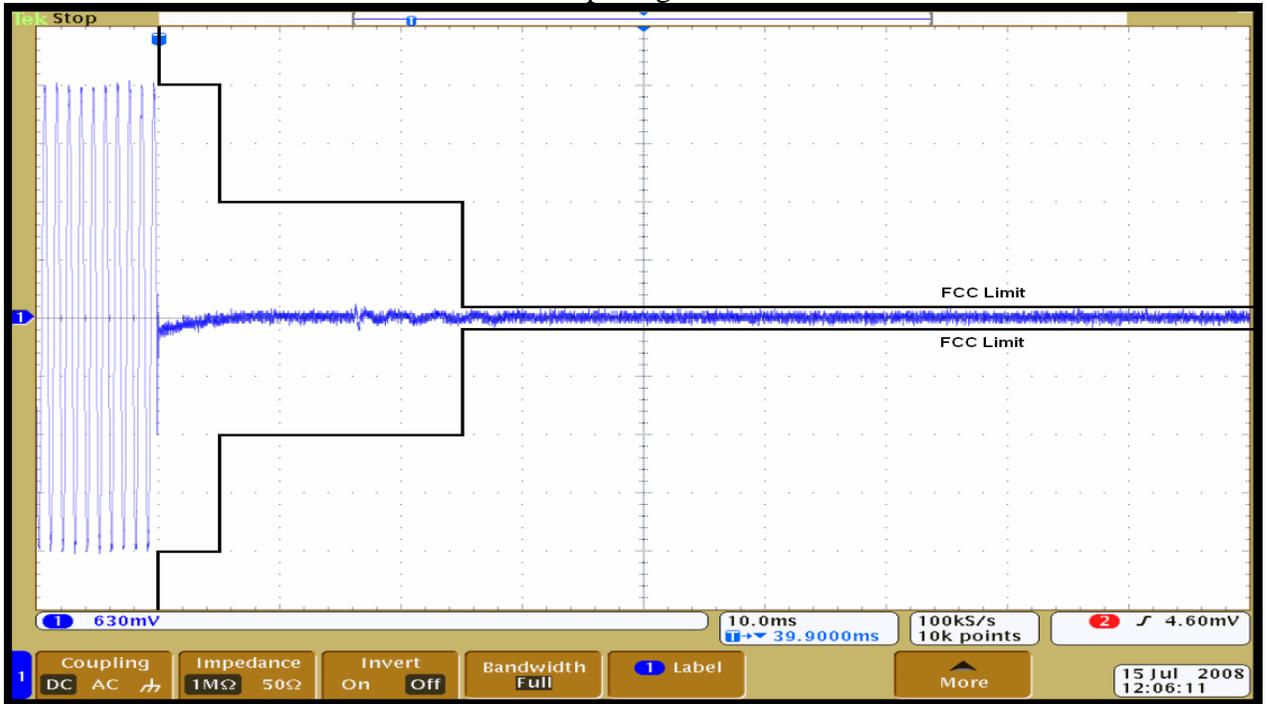


Exhibit 6L-3

Transmit at 154.225MHz – 25kHz Channel Spacing – Transmitter Off

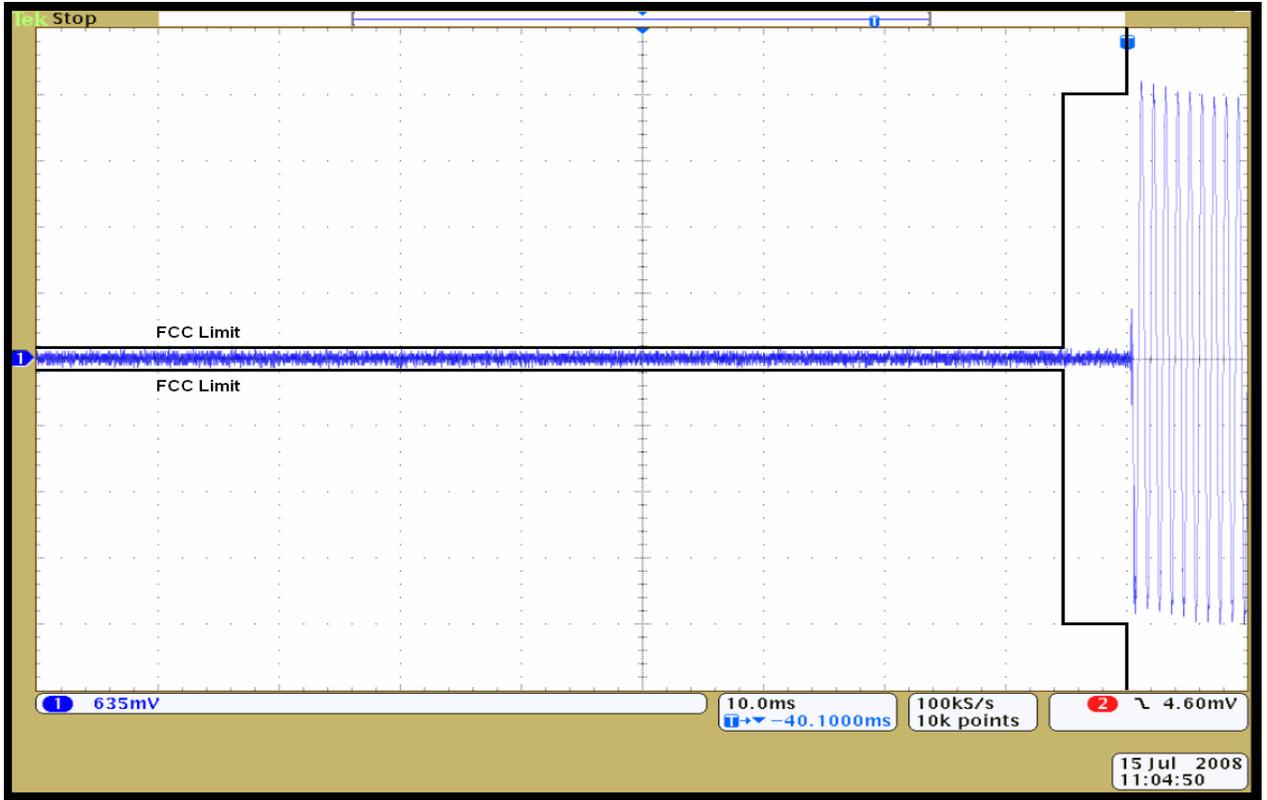


Exhibit 6L-4