

EXHIBIT 6**INDEX OF SUBMITTED MEASURED DATA**

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

EXHIBIT 6A – RF Power Output (Table)**EXHIBIT 6B – Audio Frequency Response**

- 6B-1 –823.9875 MHz, 12.5 kHz Channel Spacing
- 6B-2 –851.0125 MHz, 12.5 kHz Channel Spacing
- 6B-3 –896.9875 MHz, 12.5 kHz Channel Spacing
- 6B-4 –901.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6B-5 –935.0125 MHz, 12.5 kHz Channel Spacing
- 6B-6 –940.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6B-7 –823.9875 MHz, 25 kHz Channel Spacing
- 6B-8 –851.0125 MHz, 25 kHz Channel Spacing

EXHIBIT 6C – Audio Low Pass Filter Response

- 6C-1 –823.9875 MHz, 12.5 kHz Channel Spacing
- 6C-2 –851.0125 MHz, 12.5 kHz Channel Spacing
- 6C-3 –896.9875 MHz, 12.5 kHz Channel Spacing
- 6C-4 –901.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6C-5 –935.0125 MHz, 12.5 kHz Channel Spacing
- 6C-6 –940.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6C-7 –823.9875 MHz, 25 kHz Channel Spacing
- 6C-8 –851.0125 MHz, 25 kHz Channel Spacing

EXHIBIT 6D – Modulation Limiting

- 6D-1 –823.9875 MHz, 12.5 kHz Channel Spacing
- 6D-2 –851.0125 MHz, 12.5 kHz Channel Spacing
- 6D-3 –896.9875 MHz, 12.5 kHz Channel Spacing
- 6D-4 –901.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6D-5 –935.0125 MHz, 12.5 kHz Channel Spacing
- 6D-6 –940.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6D-7 –823.9875 MHz, 25 kHz Channel Spacing
- 6D-8 –851.0125 MHz, 25 kHz Channel Spacing

EXHIBIT 6E – Occupied Bandwidth

- 6E-1 –806.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask B, Mask D, Mask G
- 6E-2 –814.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask B, Mask D, Mask G
- 6E-3 –823.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask B, Mask D, Mask G 90.691, Mask G
- 6E-4 –851.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask B, Mask D, Mask G
- 6E-5 –860.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask B, Mask D, Mask G
- 6E-6 –868.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask B, Mask D, Mask G
- 6E-7 –896.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D, Mask I
- 6E-8 –900.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11F0F3E Mask D, Mask I
- 6E-9 –901.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 10K0F3E Mask 24.133 (Part24)
- 6E-10 –935.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D, Mask I
- 6E-11 –939.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D, Mask I

- 6E-12 –940.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 10K0F3E Mask 24.133
(Part24)
- 6E-13 –806.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B, Mask G
6E-14 –814.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B, Mask G
6E-15 –823.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B, Mask G,
Mask 90.691
- 6E-16 –851.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B, Mask G
6E-17 –860.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B, Mask G
6E-18 –868.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B, Mask G
6E-19 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask B, Mask D,
Mask H, Mask G
- 6E-20 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask B, Mask D,
Mask G
- 6E-21 –823.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask B, Mask D,
Mask G, Mask 90.691
- 6E-22 –851.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask B, Mask D,
Mask H, Mask G
- 6E-23 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask B, Mask D,
Mask G
- 6E-24 –868.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask B, Mask D,
Mask G
- 6E-25 –896.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D, Mask I
6E-26 –900.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D, Mask I
6E-27 –901.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask 24.133 (Part
24)
- 6E-28 –935.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D, Mask I
6E-29 –939.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D, Mask I
6E-30 –940.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask 24.133 (Part24)
6E-31 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask B, Mask D,
Mask H, Mask G
- 6E-32 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask B, Mask D,
Mask G
- 6E-33 –823.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask B, Mask D,
Mask G, Mask 90.691
- 6E-34 –851.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask B, Mask D,
Mask H, Mask G
- 6E-35 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask B, Mask D,
Mask G
- 6E-36 –868.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask B, Mask D,
Mask G
- 6E-37 –896.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D, Mask I
6E-38 –900.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D, Mask I
6E-39 –901.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask 24.133 (Part 24)
6E-40 –935.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D, Mask I
6E-41 –939.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D, Mask I
6E-42 –940.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask 24.133 (Part
24)
- 6E-43 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask B, Mask D,
Mask H, Mask G
- 6E-44 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask B, Mask D,
Mask G
- 6E-45 –823.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask B, Mask D,
Mask G, Mask 90.691
- 6E-46 –851.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask B, Mask D,
Mask H, Mask G
- 6E-47 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask B, Mask D,
Mask G

- 6E-48 –868.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask B, Mask D,
Mask G
- 6E-49 –896.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D, Mask I
- 6E-50 –900.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D, Mask I
- 6E-51 –901.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask 24.133 (Part24)
- 6E-52 –935.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D, Mask I
- 6E-53 –939.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D, Mask I
- 6E-54 –940.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask 24.133 (Part24)

EXHIBIT 6F – Radiated Spurious Emissions

EXHIBIT 6G – Conducted Spurious Emissions

- 6G-1 - Max Power 806.0125 MHz, 12.5 kHz Channel Spacing
- 6G-2 – Max Power 814.9875 MHz, 12.5 kHz Channel Spacing
- 6G-3 - Max Power 823.9875 MHz, 12.5 kHz Channel Spacing
- 6G-4 - Max Power 851.0125 MHz, 12.5 kHz Channel Spacing
- 6G-5 – Max Power 860.0125 MHz, 12.5 kHz Channel Spacing
- 6G-6 - Max Power 868.9875 MHz, 12.5 kHz Channel Spacing
- 6G-7 - Max Power 896.9875 MHz, 12.5 kHz Channel Spacing
- 6G-8 – Max Power 900.9875 MHz, 12.5 kHz Channel Spacing
- 6G-9 - Max Power 901.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6G-10 - Max Power 935.0125 MHz, 12.5 kHz Channel Spacing
- 6G-11 – Max Power 939.9875 MHz, 12.5 kHz Channel Spacing
- 6G-12 - Max Power 940.9875 MHz, 12.5 kHz Channel Spacing (Part 24)
- 6G-13 – Max Power 806.0125 MHz, 25 kHz Channel Spacing
- 6G-14 – Max Power 814.9875 MHz, 25 kHz Channel spacing
- 6G-15 – Max Power 823.9875 MHz, 25 kHz Channel Spacing
- 6G-16 – Max Power 851.0125 MHz, 25 kHz Channel Spacing
- 6G-17 – Max Power 860.0125 MHz, 25 kHz Channel Spacing
- 6G-18 – Max Power 868.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6H – Frequency Stability

- 6H-1– 1.5 ppm Frequency Stability vs. Supply Voltage (823.9875 MHz)
- 6H-2– 1.5 ppm Frequency Stability vs. Supply Voltage (851.0125 MHz)
- 6H-3– 1.5 ppm Frequency Stability vs. Supply Voltage (896.9875 MHz)
- 6H-4 – 1.0 ppm Frequency Stability vs. Supply Voltage (901.9875 MHz) (Part 24)
- 6H-5– 1.5 ppm Frequency Stability vs. Supply Voltage (935.0125 MHz)
- 6H-6 – 1.0 ppm Frequency Stability vs. Supply Voltage (940.9875 MHz) (Part 24)
- 6H-7– 1.5 ppm Frequency Stability vs. Temperature (823.9875 MHz)
- 6H-8– 1.5 ppm Frequency Stability vs. Temperature (851.0125 MHz)
- 6H-9– 1.5 ppm Frequency Stability vs. Temperature (896.9875 MHz)
- 6H-10 – 1.0 ppm Frequency Stability vs. Temperature (901.9875 MHz) (Part 24)
- 6H-11– 1.5 ppm Frequency Stability vs. Temperature (935.0125 MHz)
- 6H-12 – 1.0 ppm Frequency Stability vs. Temperature (940.9875 MHz) (Part 24)

** Please note that the above data were taken following the procedures and limits outlined in TIA 603-D and RSS 119 and 134 during the month of 13 March to 22 May 2015. See Table 2 in Ex07_test procedures.

Radio model tested: H51VCH9PW7AN

Important Note: The data in this test report meets or exceeds the technical requirements of FCC Rule Parts 24, 90 and RSS 119 and 134.

EXHIBIT 6A

RF Conducted Power Output Data -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7), 2.1033(c)(8) and 24.132

Frequency = 806.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.02 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.69 Amps
Output RF power	3.6 Watts
DC Voltage	7.50 Volts
DC Current	1.78 Amps

Frequency = 823.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.99 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.61 Amps
Output RF power	3.6 Watts
DC Voltage	7.50 Volts
DC Current	1.70 Amps

Frequency = 851.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.95 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.56 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.65 Amps

Frequency = 868.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.95 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.58 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.68 Amps

Frequency= 896.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.98 Amps
Output RF power	2.50 Watts
DC Voltage	7.50 Volts
DC Current	1.48 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.55 Amps

Frequency= 901.9875 MHz (Part 24):

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.98 Amps
Output RF power	2.50 Watts
DC Voltage	7.50 Volts
DC Current	1.49 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.57 Amps

Frequency= 935.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps
Output RF power	2.50 Watts
DC Voltage	7.50 Volts
DC Current	1.52 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.61 Amps

Frequency= 940.9875 MHz (Part 24):

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps
Output RF power	2.50 Watts
DC Voltage	7.50 Volts
DC Current	1.52 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.61 Amps

EXHIBIT 6B

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

Audio Frequency Response
(Freq: 823.9875MHz, ChSp: 12.5kHz)

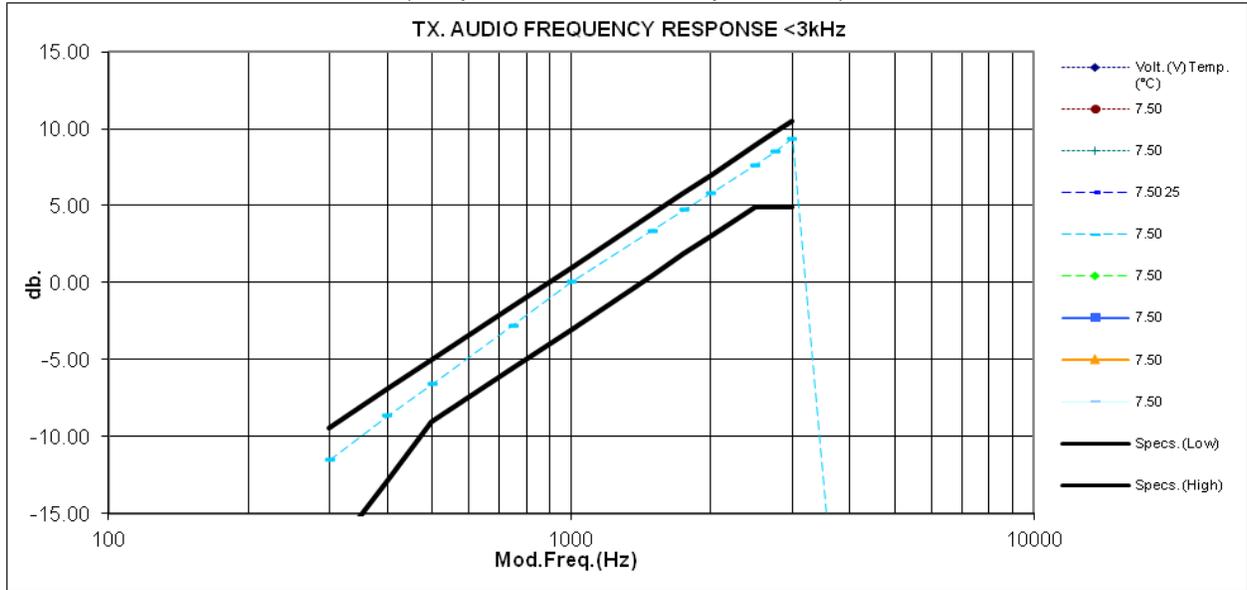


Exhibit 6B-1

Audio Frequency Response
(Freq: 851.0125MHz, ChSp: 12.5 kHz)

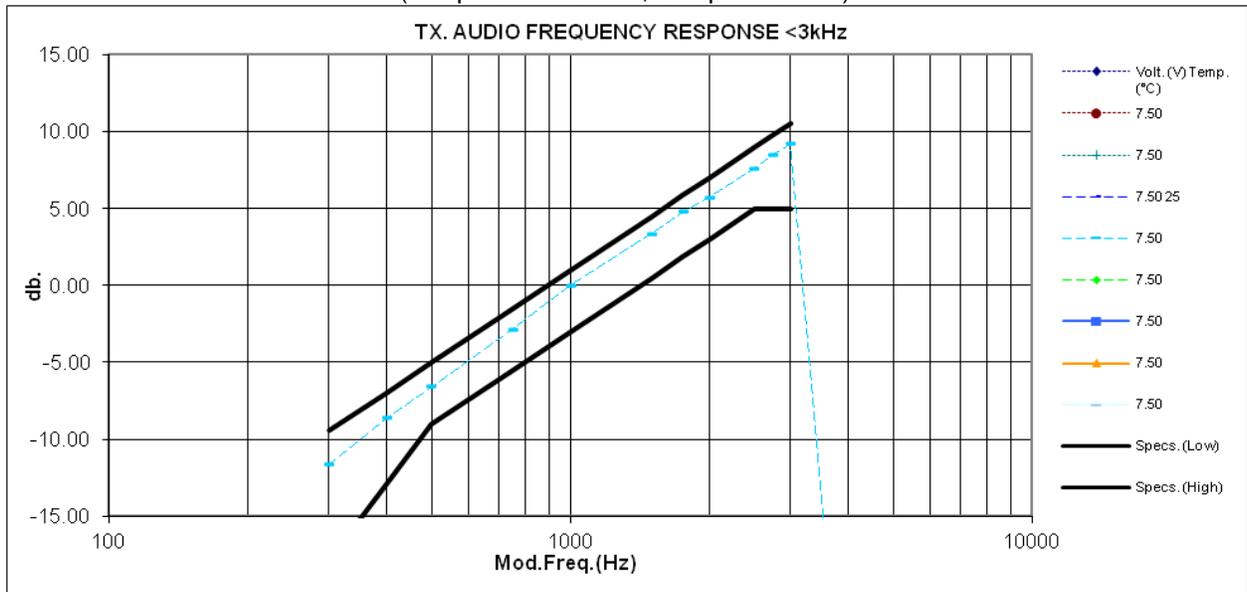


Exhibit 6B-2

Audio Frequency Response
(Freq: 896.9875MHz, ChSp: 12.5kHz)

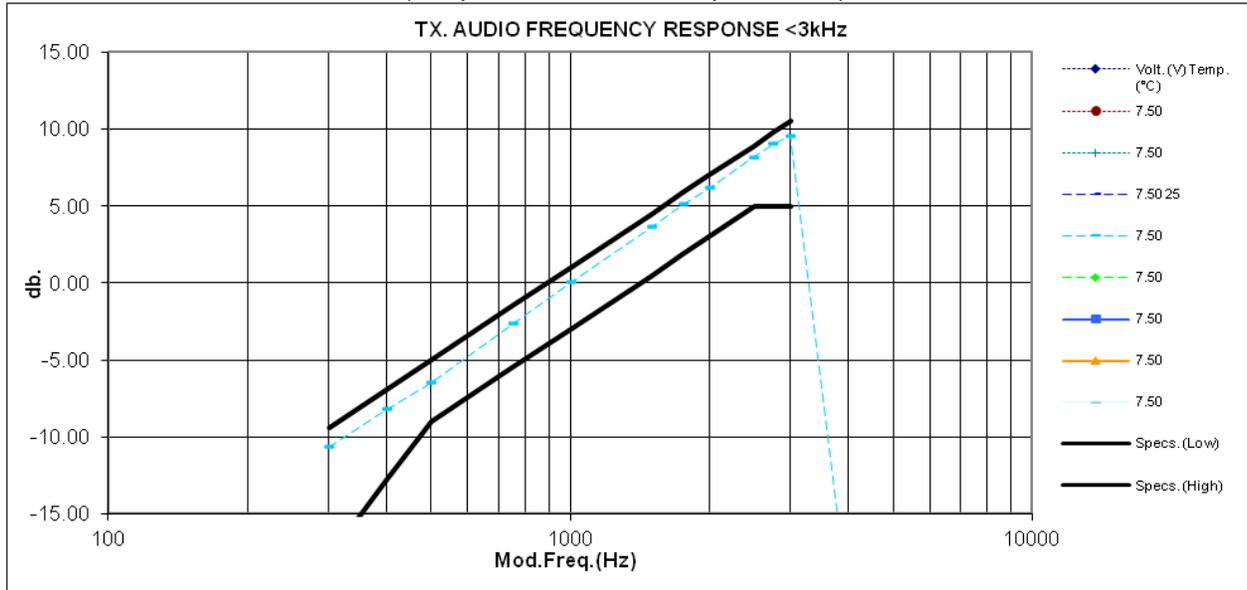


Exhibit 6B-3

Audio Frequency Response
(Freq: 901.9875MHz, ChSp: 12.5kHz) (Part 24)

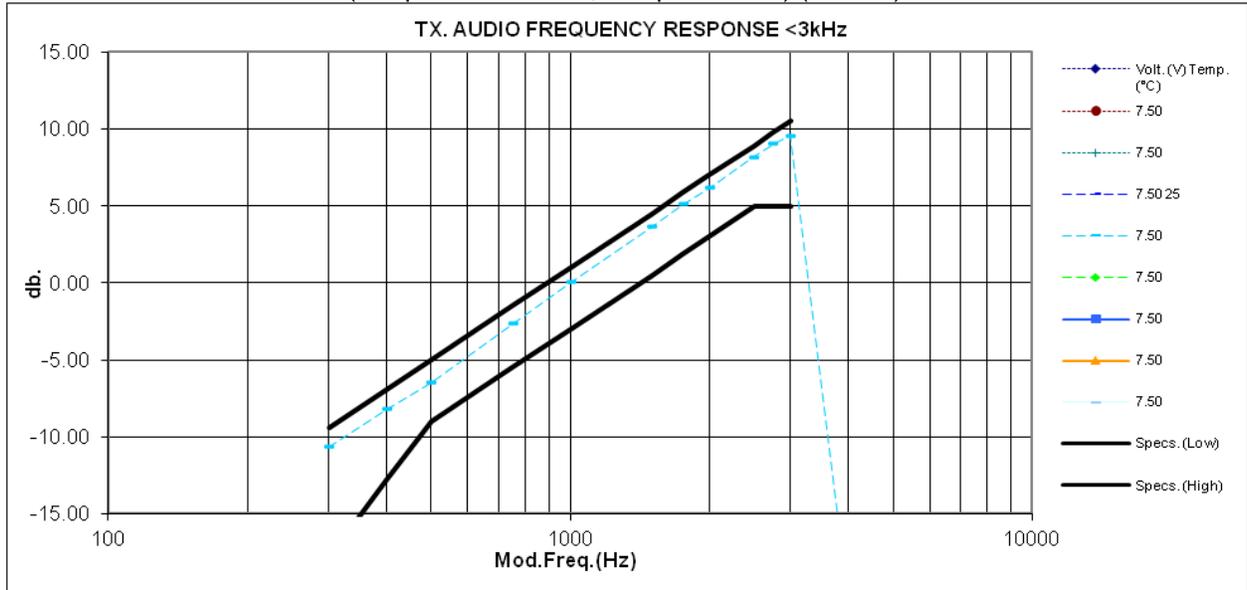


Exhibit 6B-4

Audio Frequency Response
 (Freq: 935.0125MHz, ChSp: 12.5 kHz)

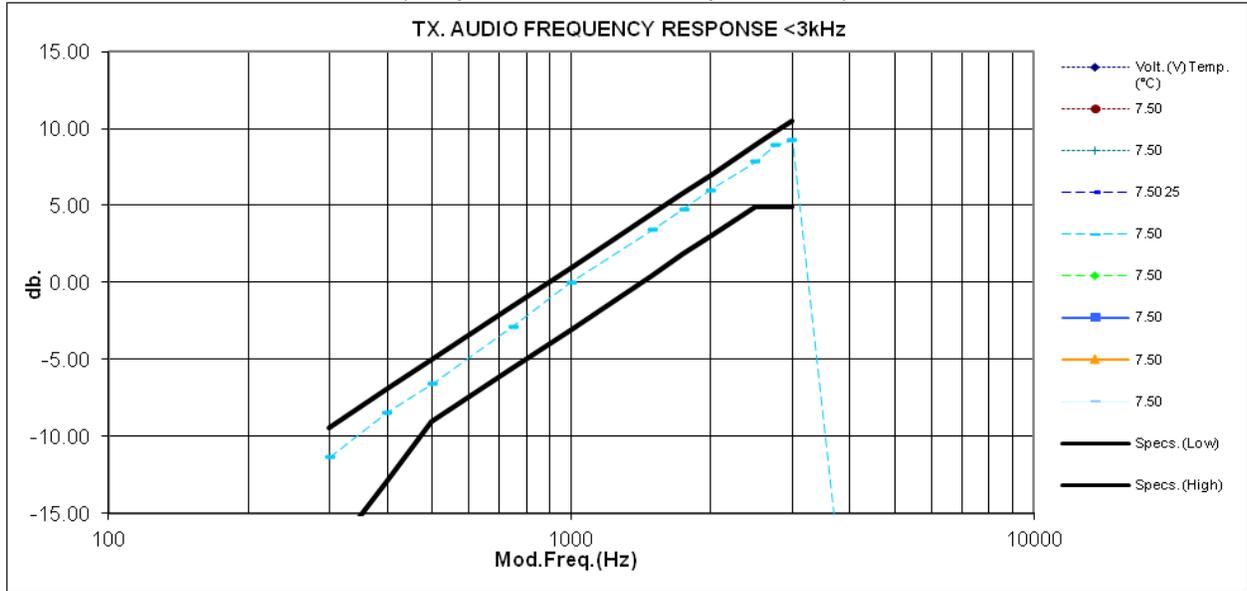


Exhibit 6B-5

Audio Frequency Response
 (Freq: 940.9875MHz, ChSp: 12.5 kHz) (Part 24)

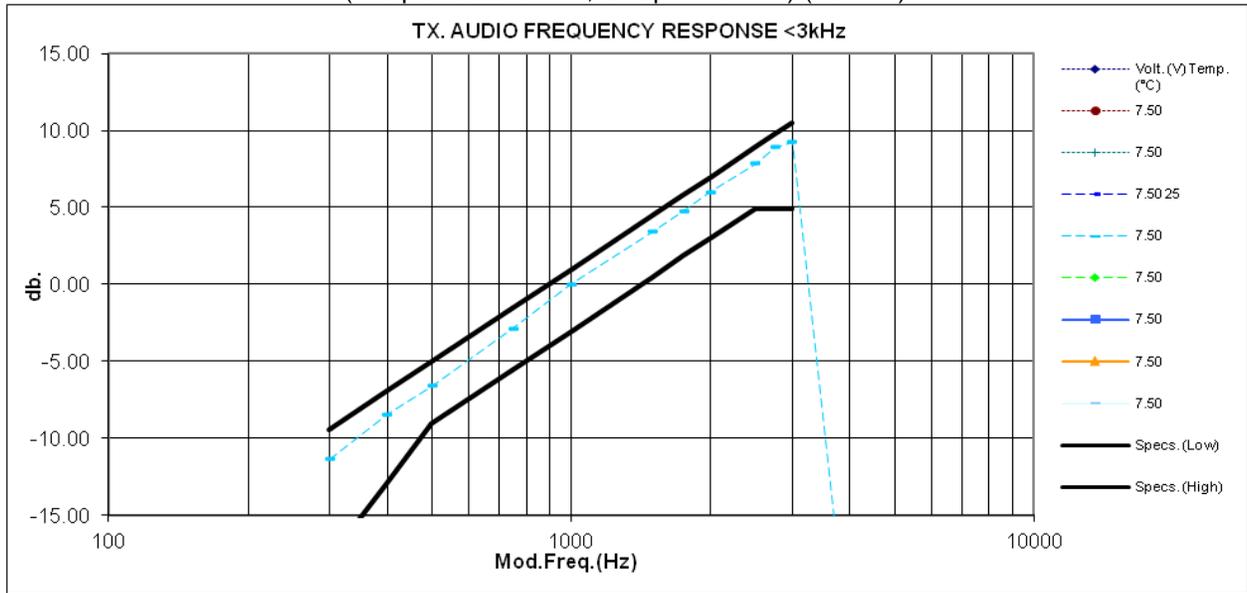


Exhibit 6B-6

Audio Frequency Response
(Freq: 823.9875MHz , ChSp: 25kHz)

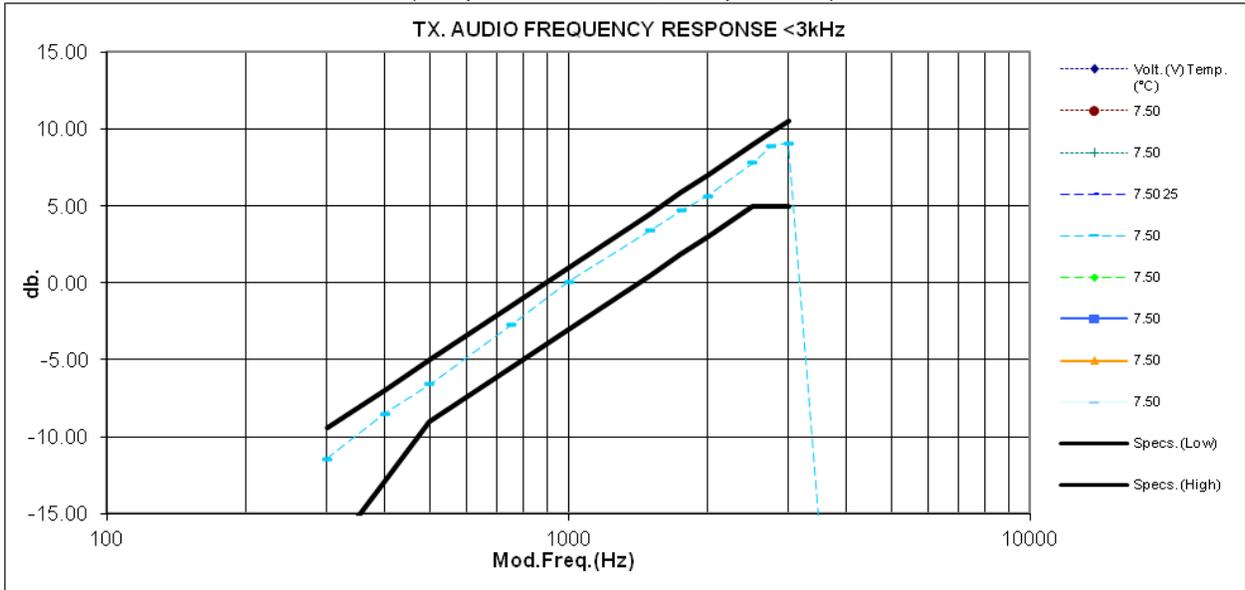


Exhibit 6B-7

Audio Frequency Response
(Freq: 851.0125MHz , ChSp: 25kHz)

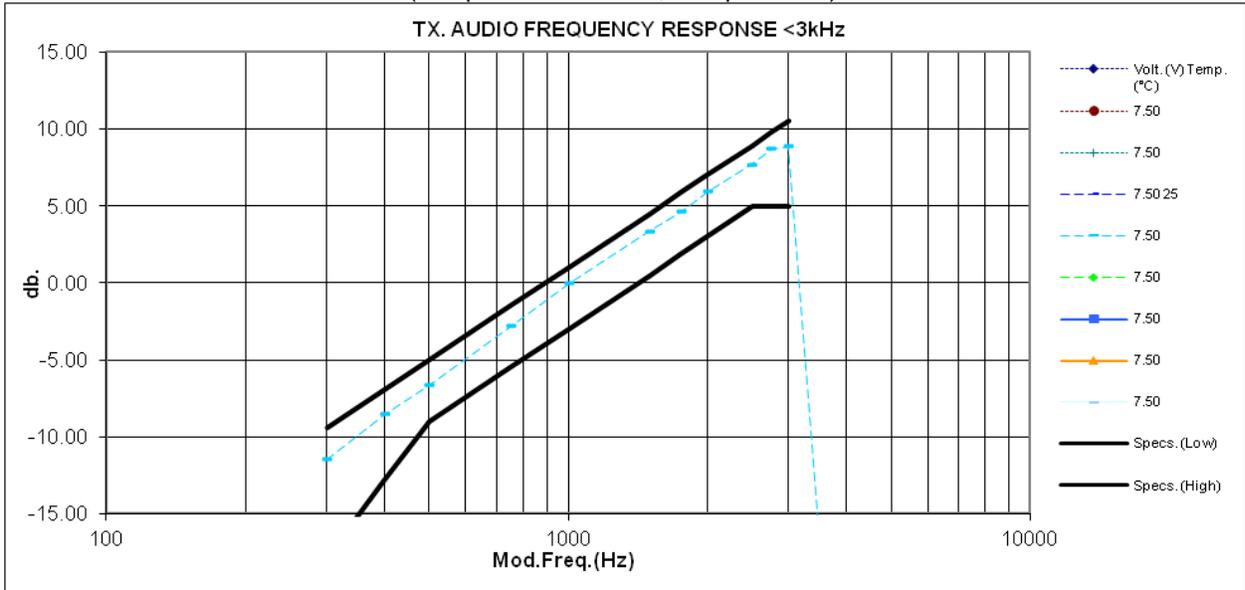


Exhibit 6B-8

EXHIBIT 6C

Audio Low Pass Filter Response – Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

Transmit Low Pass Filter Frequency Response
(Freq: 823.9875MHz, ChSp: 12.5kHz)

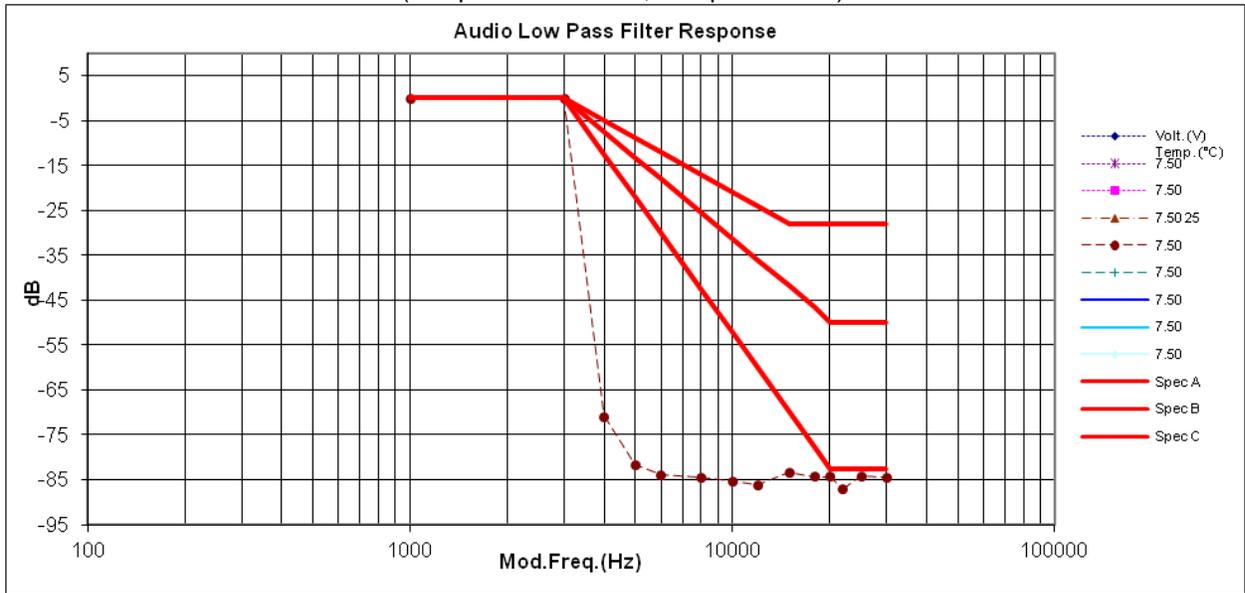


Exhibit 6C-1

Transmit Low Pass Filter Frequency Response
(Freq: 851.0125MHz, ChSp: 12.5kHz)

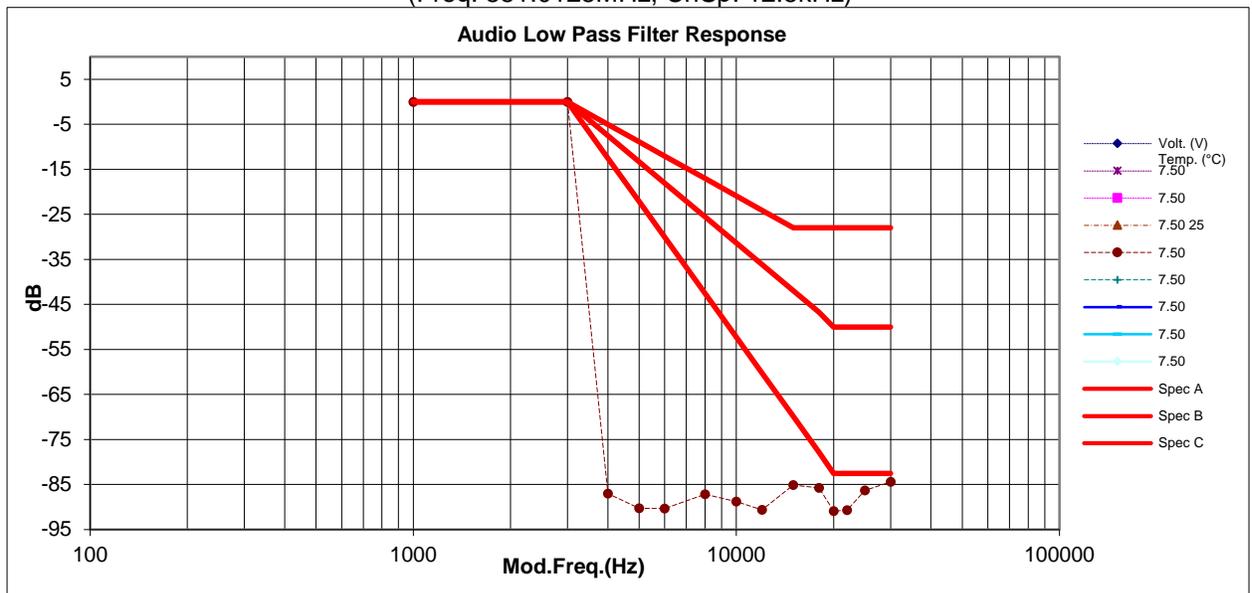


Exhibit 6C-2

Transmit Low Pass Filter Frequency Response
(Freq: 896.9875MHz, ChSp: 12.5kHz)

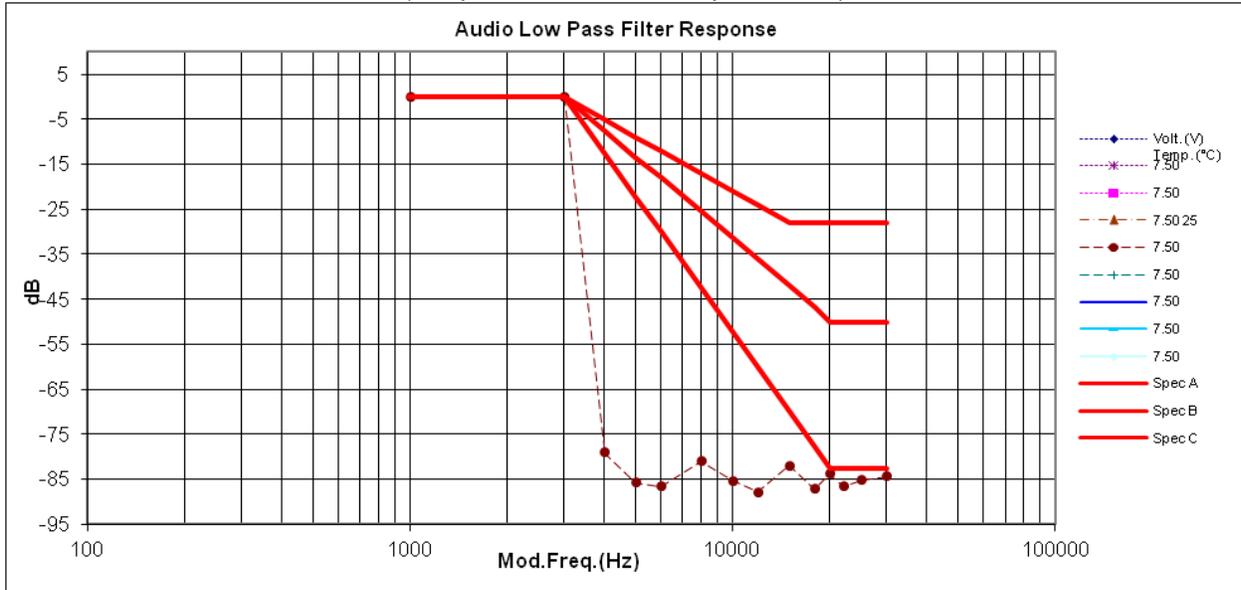


Exhibit 6C-3

Transmit Low Pass Filter Frequency Response
(Freq: 901.9875MHz, ChSp: 12.5kHz) (Part 24)

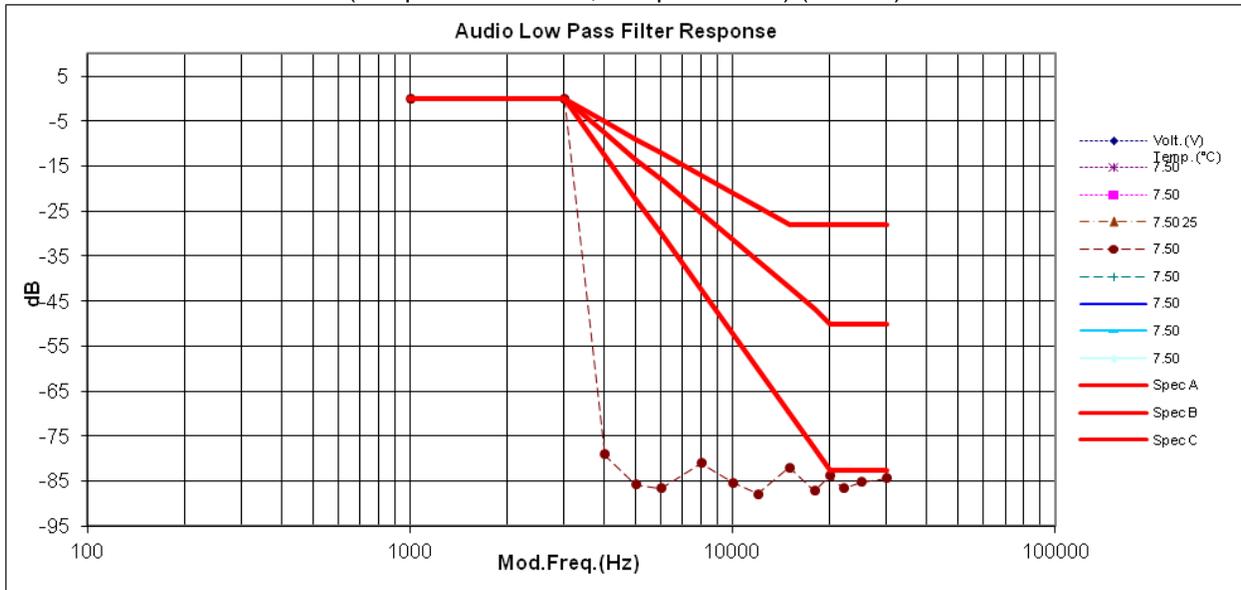


Exhibit 6C-4

Transmit Low Pass Filter Frequency Response
 (Freq: 935.0125MHz, ChSp: 12.5kHz)

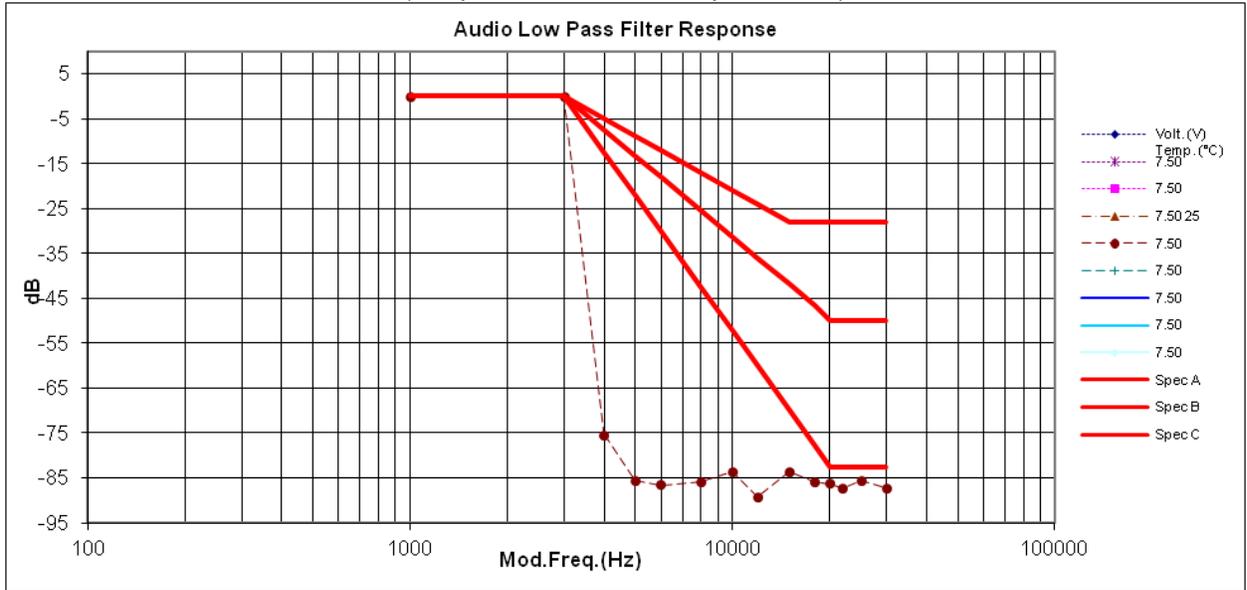


Exhibit 6C-5

Transmit Low Pass Filter Frequency Response
 (Freq: 940.9875MHz, ChSp: 12.5kHz) (Part 24)

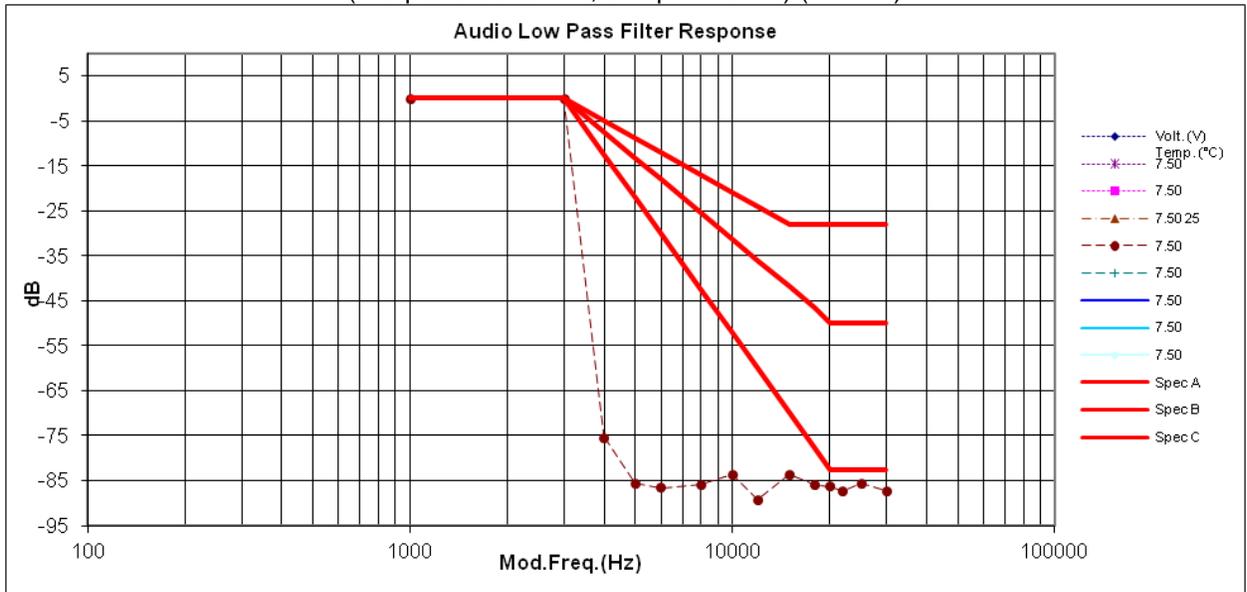


Exhibit 6C-6

Transmit Low Pass Filter Frequency Response
 (Freq: 823.9875MHz, ChSp: 25kHz)

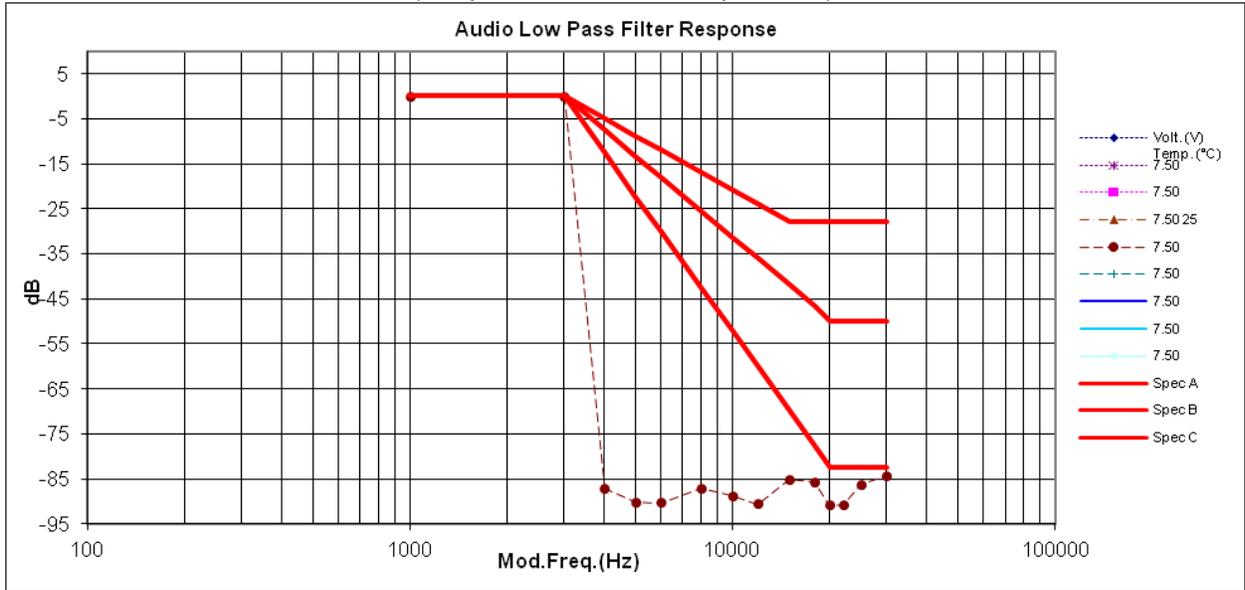


Exhibit 6C-7

Transmit Low Pass Filter Frequency Response
 (Freq: 851.0125MHz, ChSp: 25kHz)

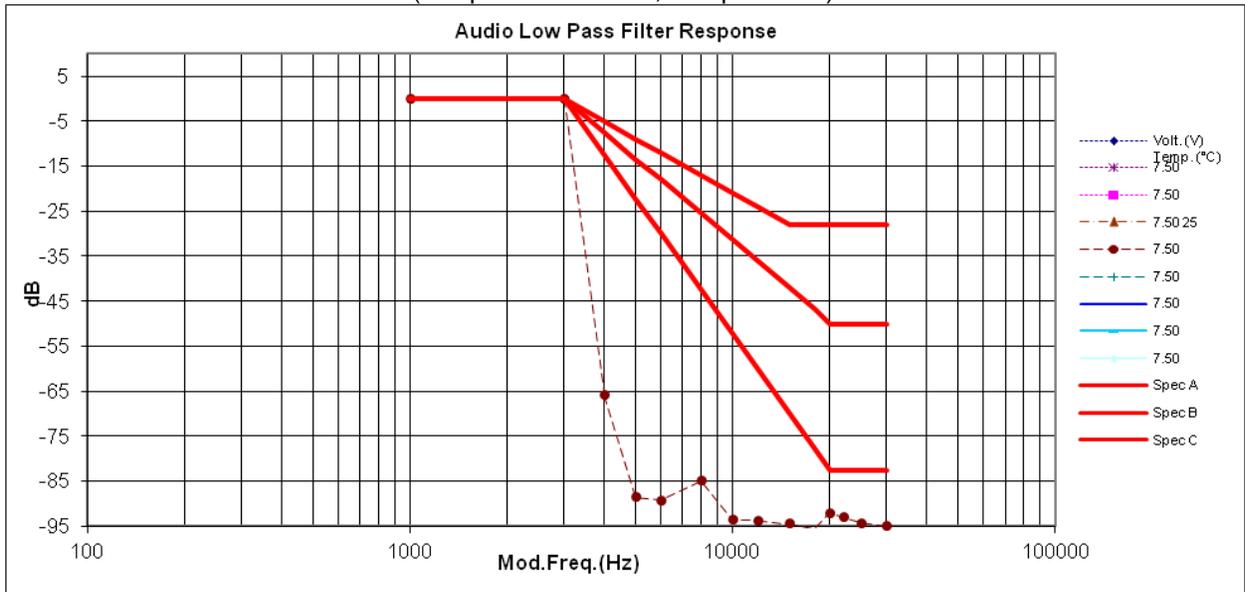


Exhibit 6C-8

EXHIBIT 6D

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

Modulation Limiting (Freq: 823.9875MHz, ChSp: 12.5kHz)

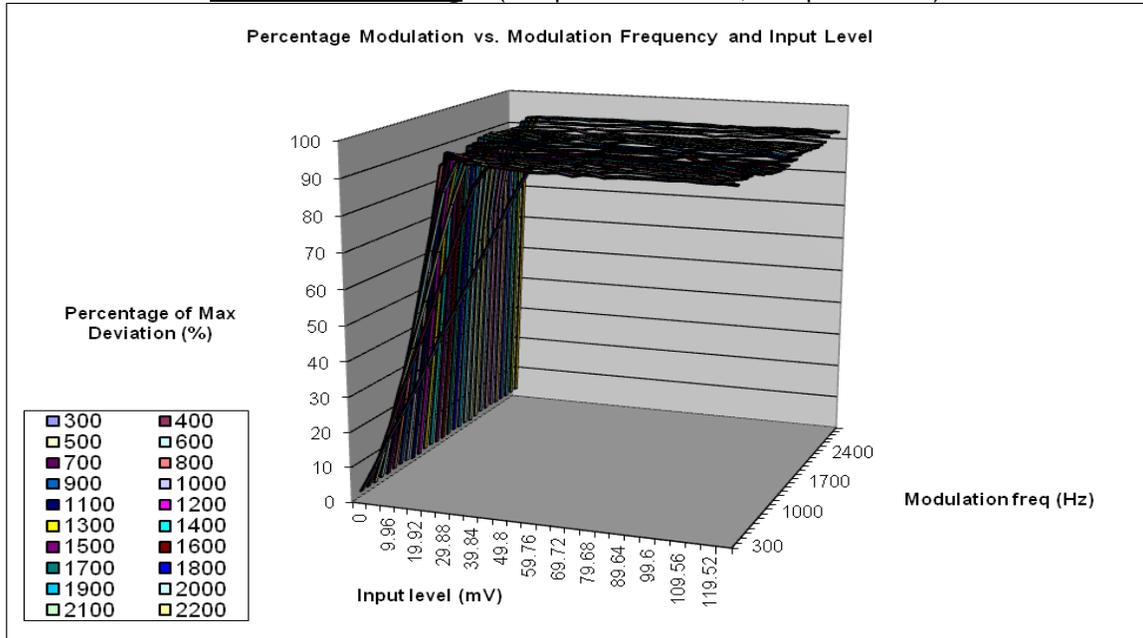


Exhibit 6D-1

Modulation Limiting (Freq: 851.0125MHz, ChSp: 12.5kHz)

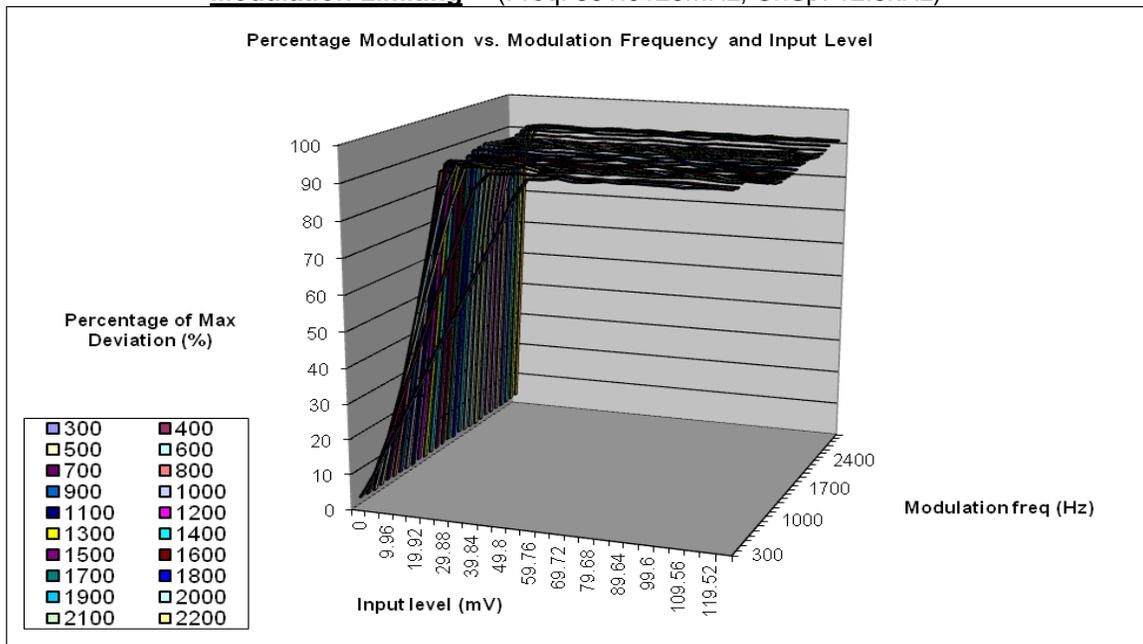


Exhibit 6D-2

Modulation Limiting (Freq: 896.9875MHz, ChSp: 12.5kHz)

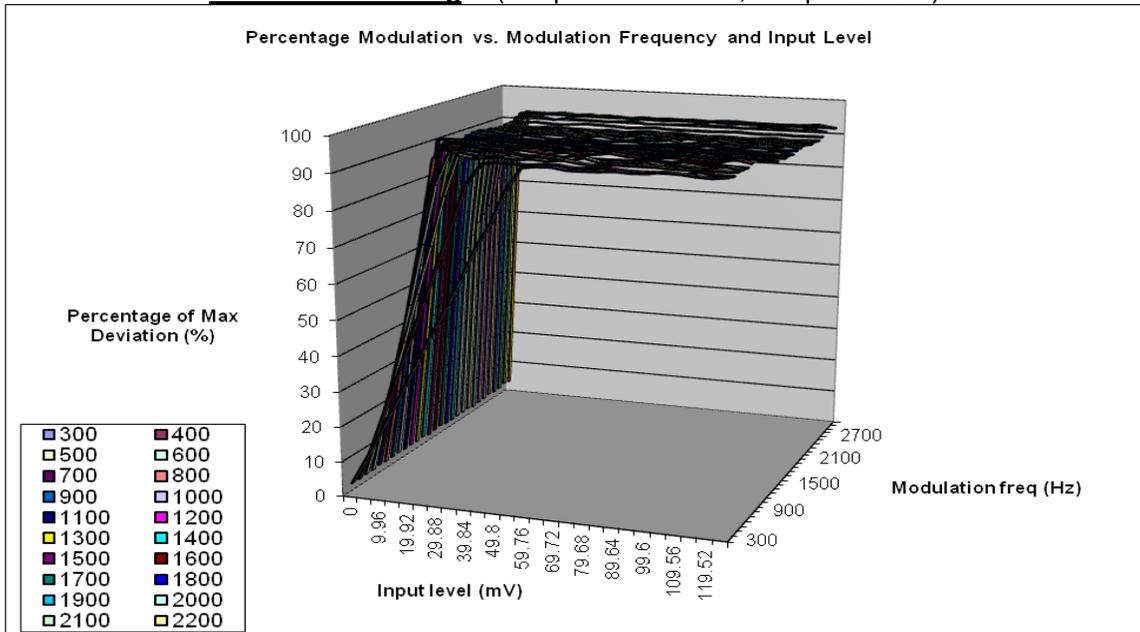


Exhibit 6D-3

Modulation Limiting (Freq: 901.9875MHz, ChSp: 12.5kHz) (Part 24)

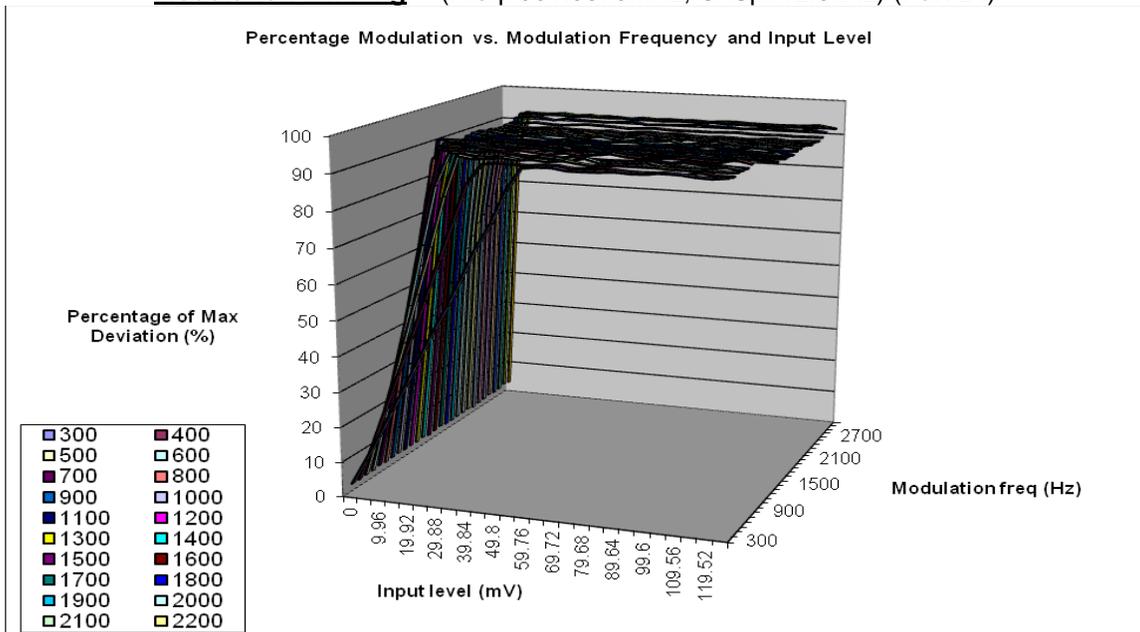


Exhibit 6D-4

Modulation Limiting (Freq: 935.0125MHz, ChSp: 12.5kHz)

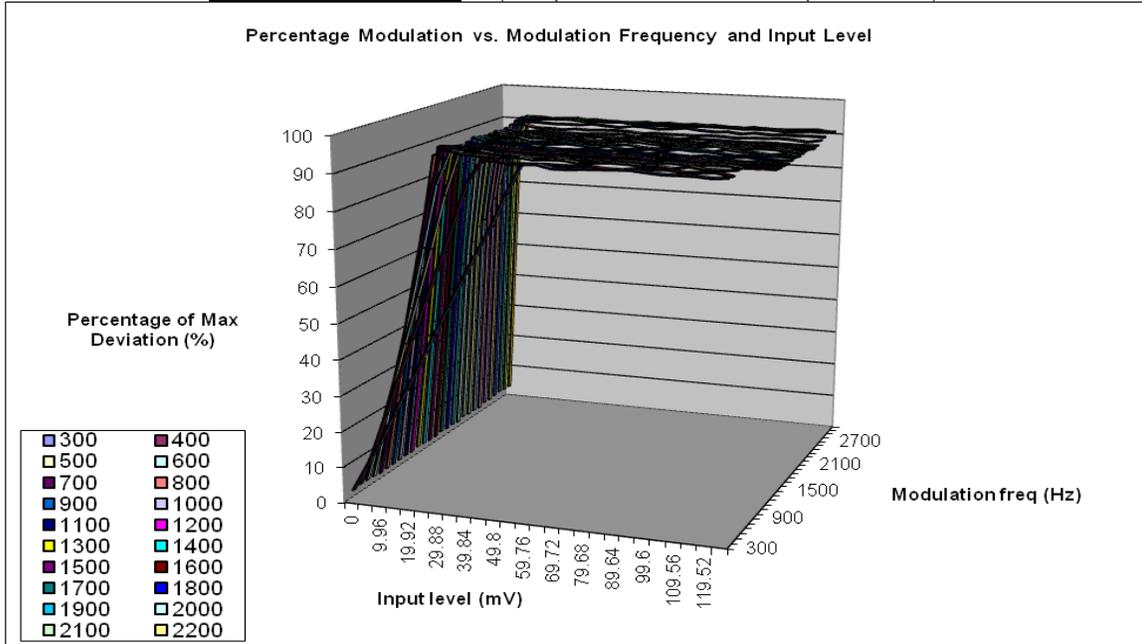


Exhibit 6D-5

Modulation Limiting (Freq: 940.9875MHz, ChSp: 12.5kHz) (Part 24)

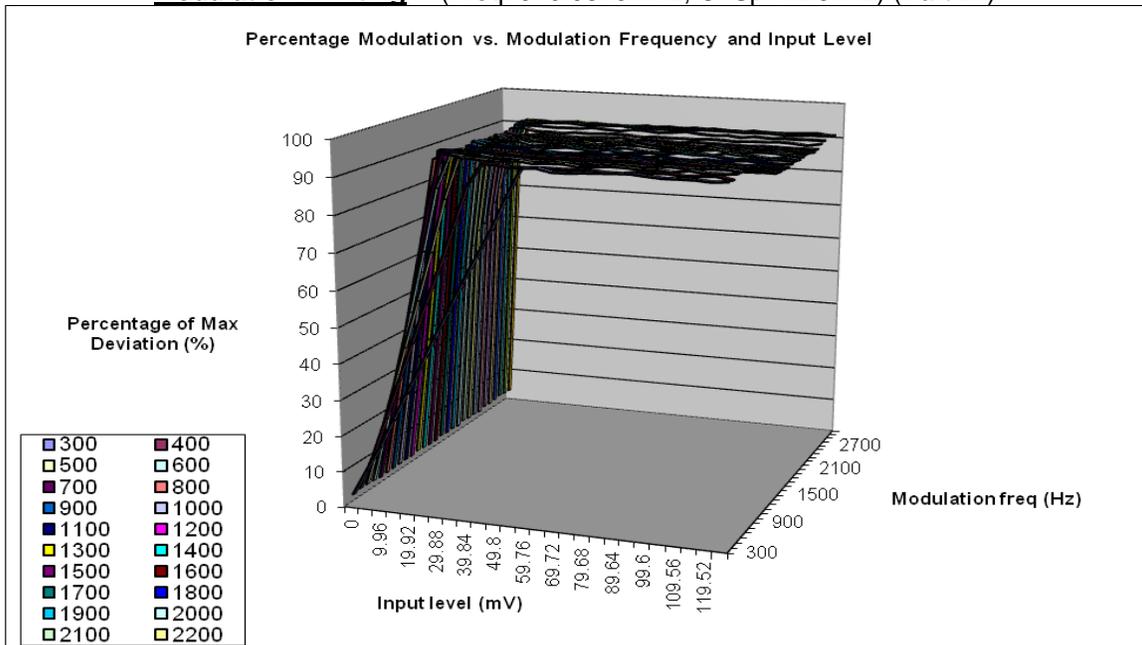


Exhibit 6D-6

Modulation Limiting (Freq: 823.9875MHz, ChSp: 25kHz)

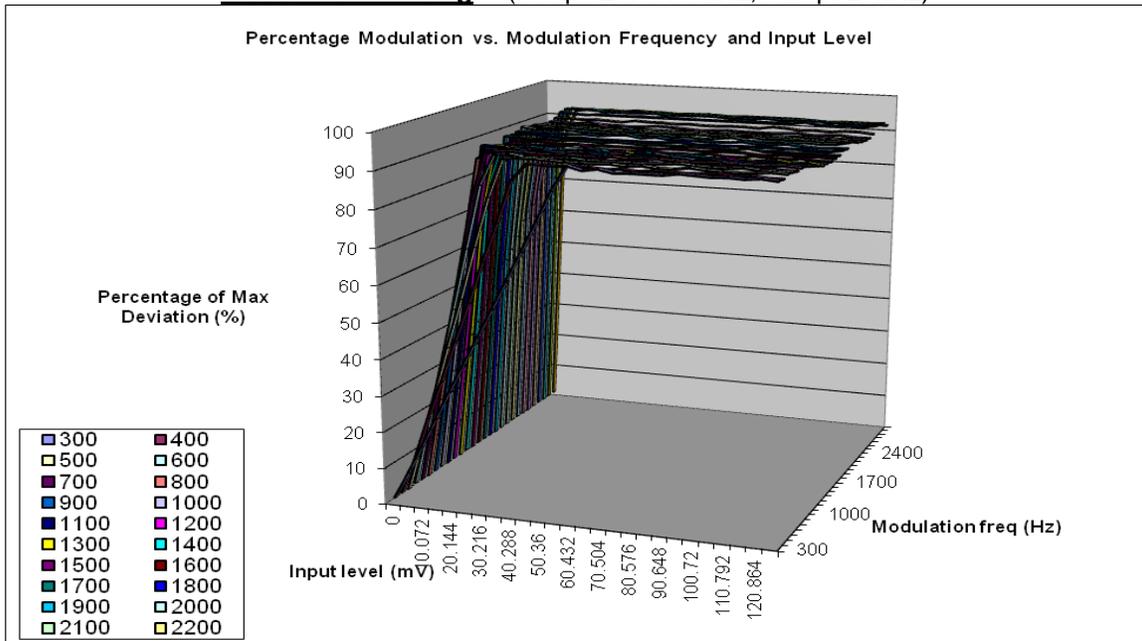


Exhibit 6D-7

Modulation Limiting (Freq: 851.0125MHz, ChSp: 25kHz)

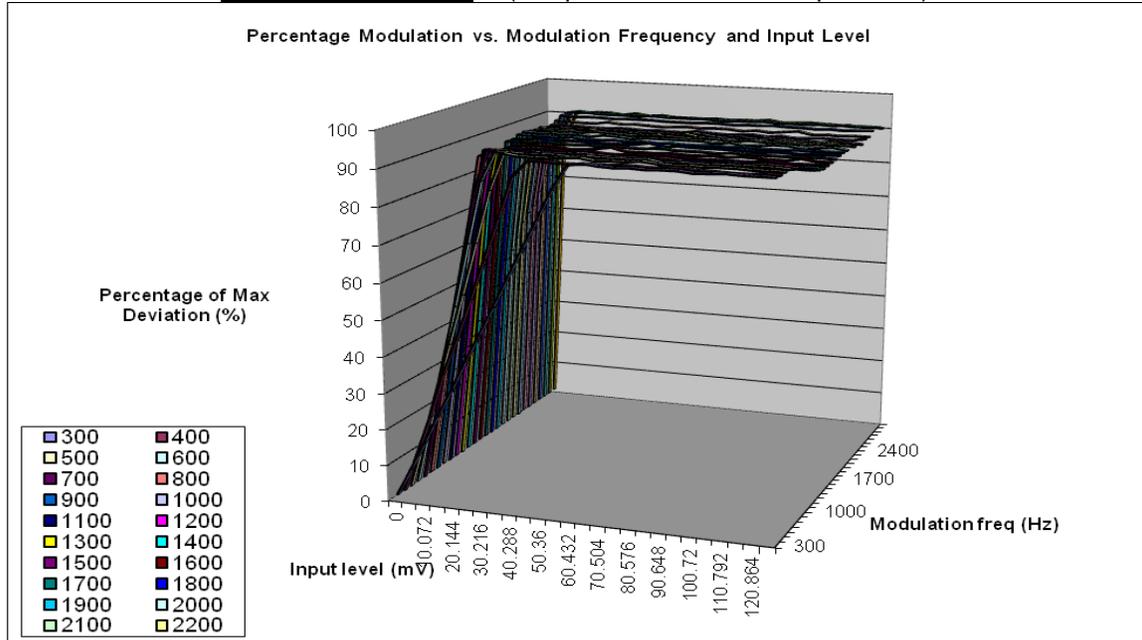


Exhibit 6D-8

Exhibit 6E**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

FCC Public Notice (DA 13-1803, released 8/27/2013) indicates that "*applications for certification of digital equipment capable of operating in the 800 MHz NPSPAC band to demonstrate compliance with Emission Mask H.*"

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 (12.5 kHz Channelization, Analog Voice):

Emission Designator 10K0F3E

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

$BW = 2(M+D) = 2*(2.5 \text{ kHz} + 2.5 \text{ kHz}) = 10 \text{ kHz} \Rightarrow 10K0$
F3E portion of the designator indicates voice.

Therefore, the entire designator for 12.5 kHz channelization analog voice is 10K0F3E.

EXHIBIT 6E-3

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-4

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-5

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-6

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.

Conducted Antenna Occupied Bandwidth

Spectrum Analyzer setting as below:

RBW = 150 Hz, VBW = 15 kHz, Span = 40 kHz

Description	Occupied Bandwidth Power (99%)
Carrier, 2500Hz Audio only, 12.5 kHz channel, 11K0F3E	5.178 kHz
Carrier, 2500Hz Audio only, 12.5 kHz channel, 10K0F3E	5.184 kHz
Carrier, O.153 test pattern, 12.5kHz channel, 8K10F1D, 8K10F1E, 8K10F1W	7.749 kHz
Carrier, CCITT V.52 test pattern, 12.5kHz channel, 8K10F1D, 8K10F1E, 8K10F1W	7.821 kHz
Carrier, 5000Hz Audio only, 25kHz channel, 16K0F3E	10.018 kHz

EXHIBIT 6E

Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210 and 90.691

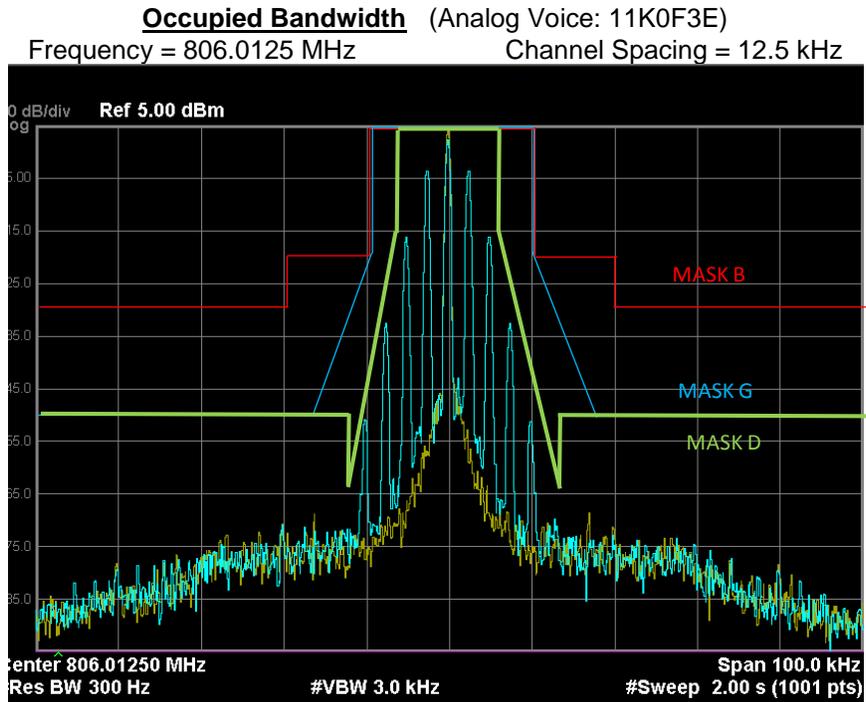


Exhibit 6E-1

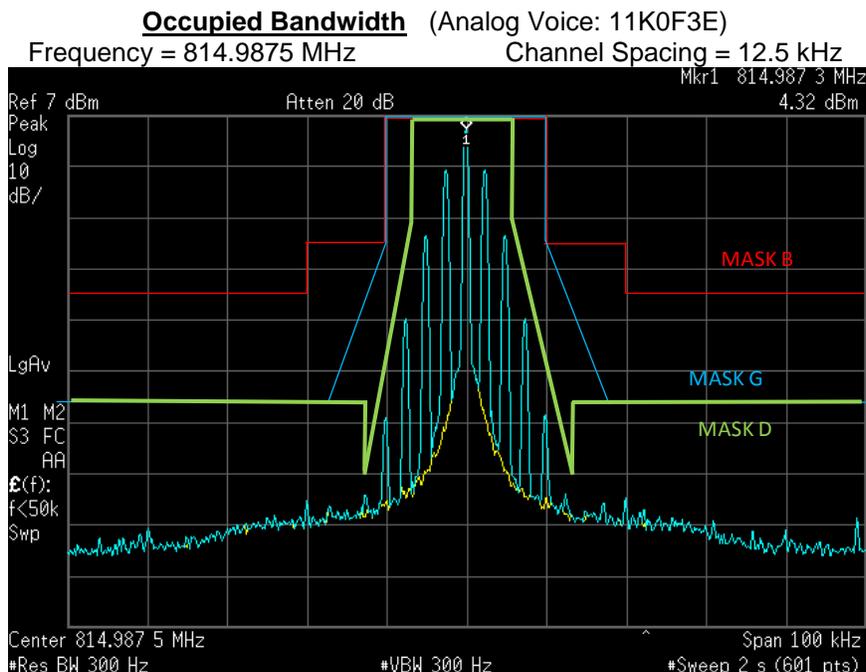
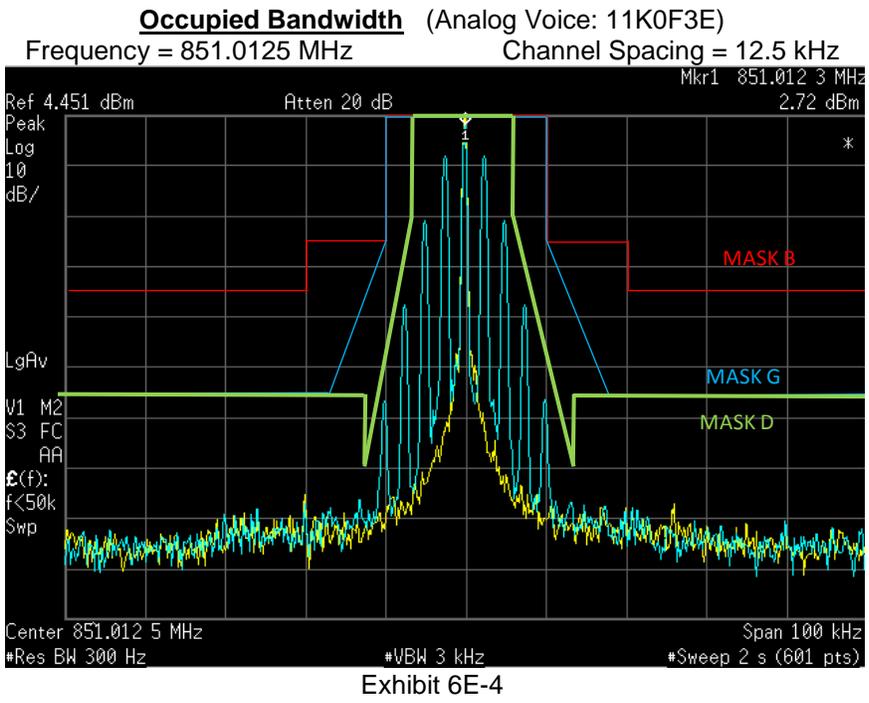
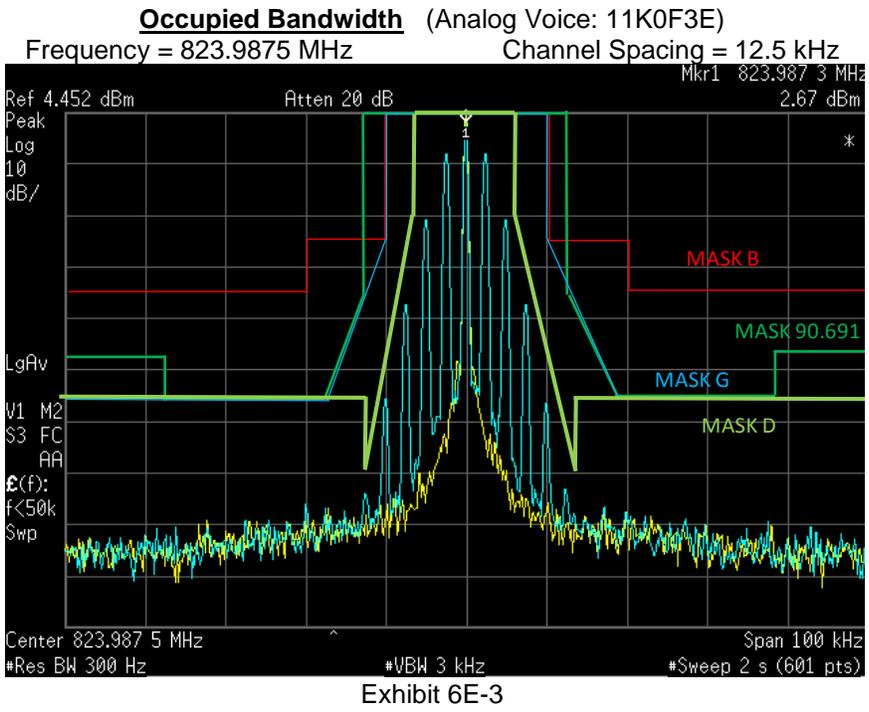


Exhibit 6E-2



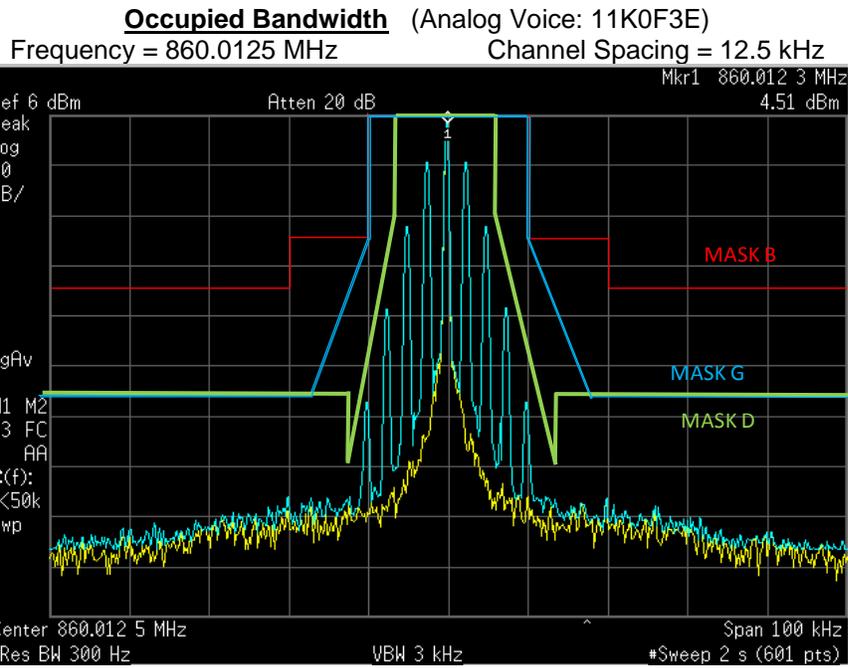


Exhibit 6E-5

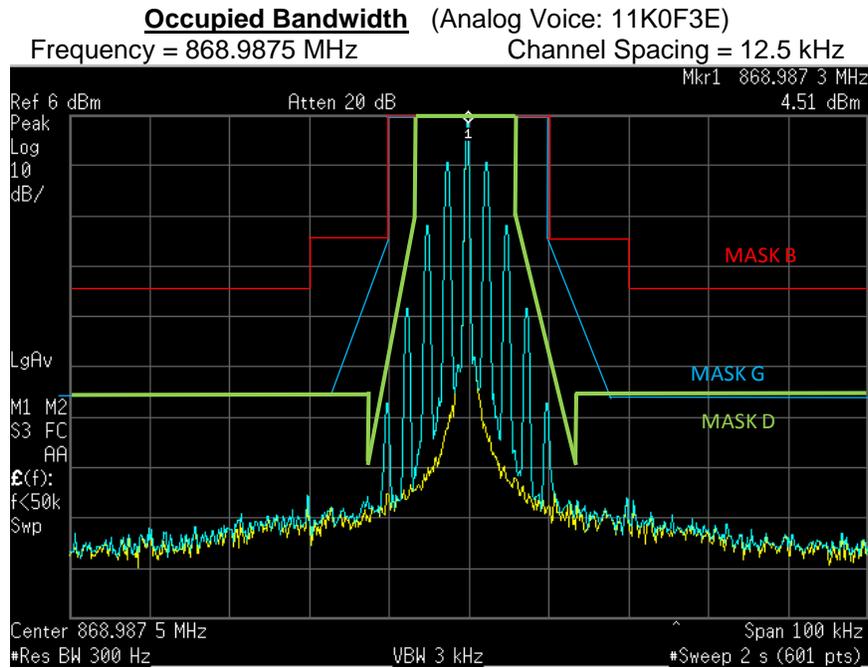
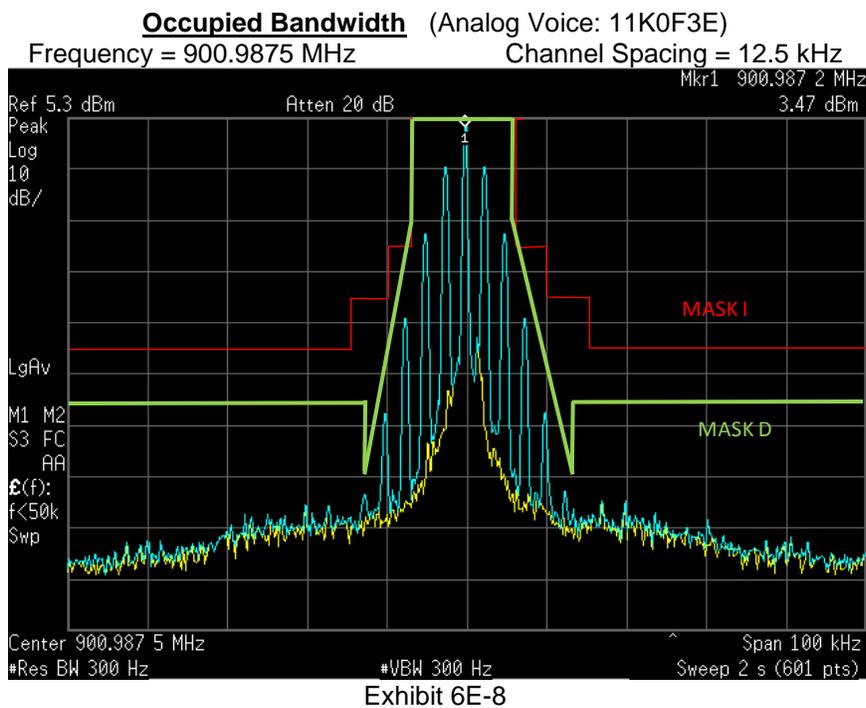
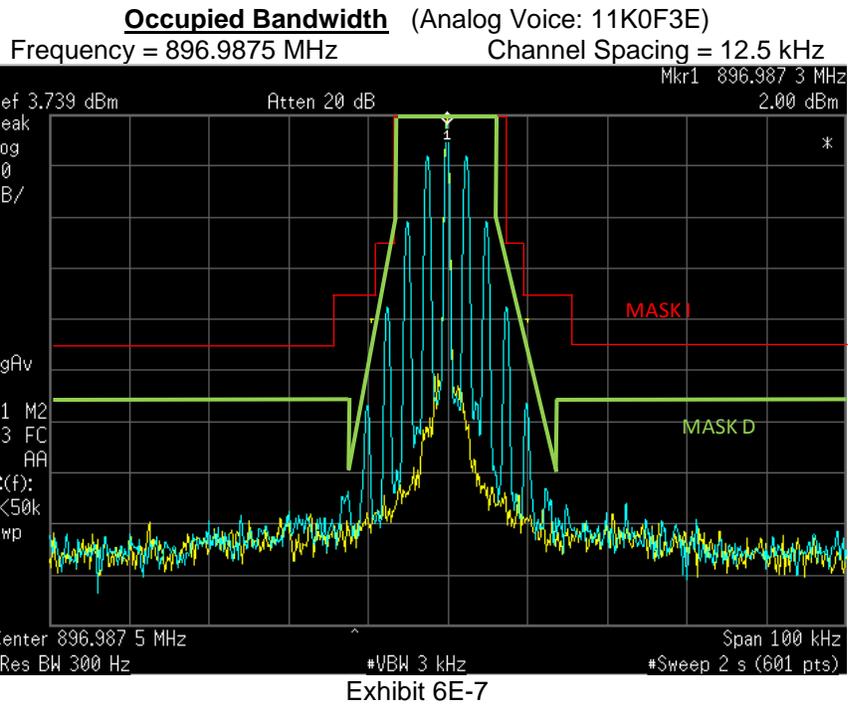


Exhibit 6E-6



Occupied Bandwidth (Analog Voice: 10K0F3E) (Part 24)
Frequency = 901.9875 MHz Channel Spacing = 12.5 kHz

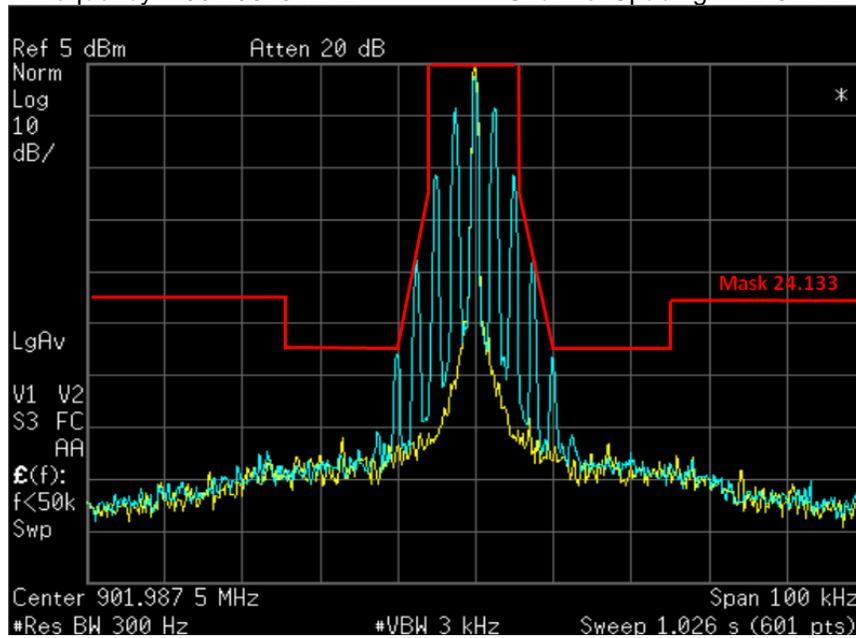


Exhibit 6E-9

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 935.0125 MHz Channel Spacing = 12.5 kHz

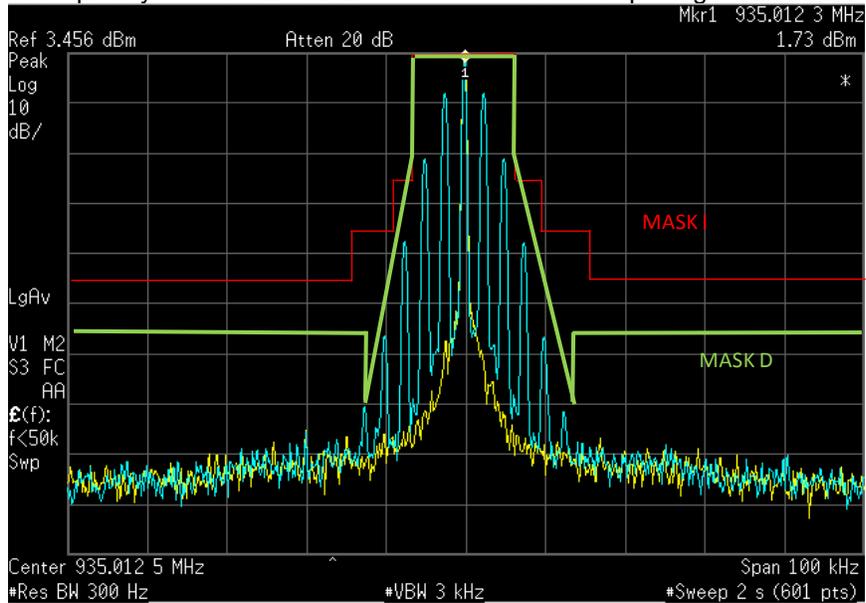


Exhibit 6E-10

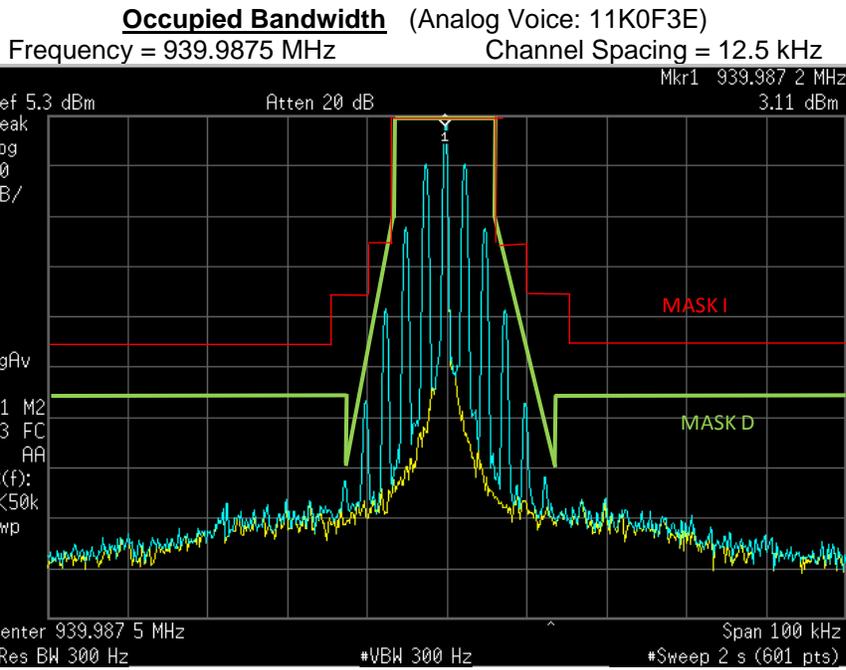


Exhibit 6E-11

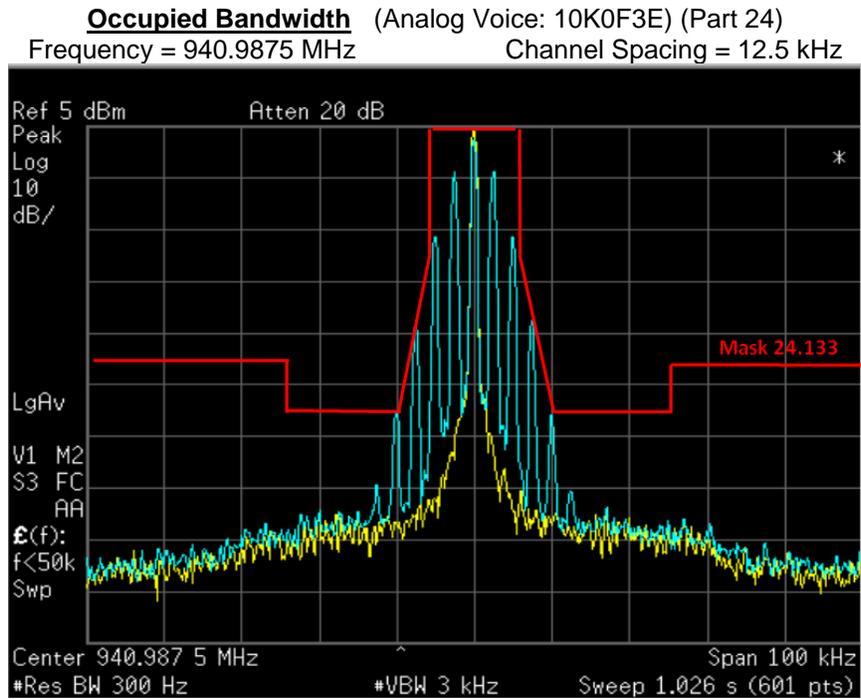


Exhibit 6E-12

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 806.0125 MHz Channel Spacing = 25 kHz

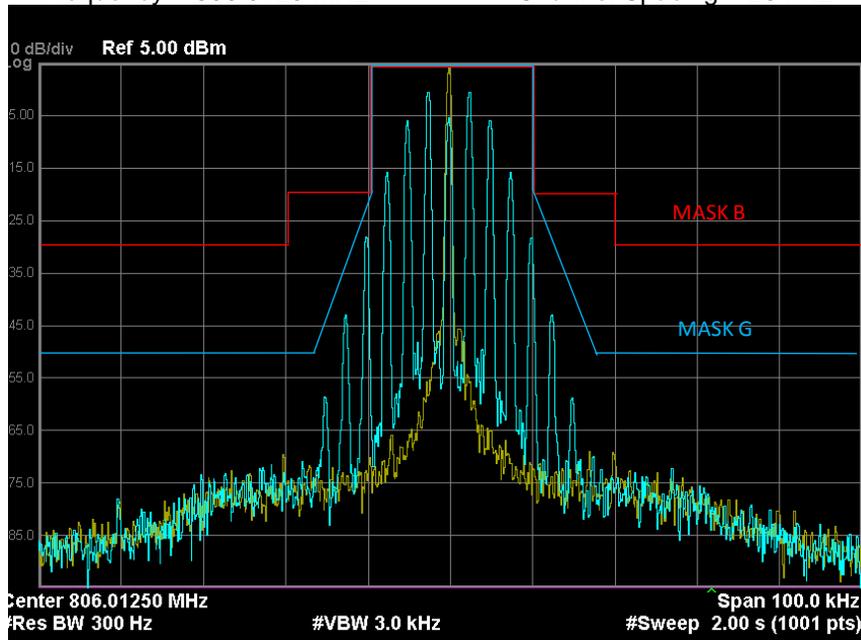


Exhibit 6E-13

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 814.9875 MHz Channel Spacing = 25 kHz

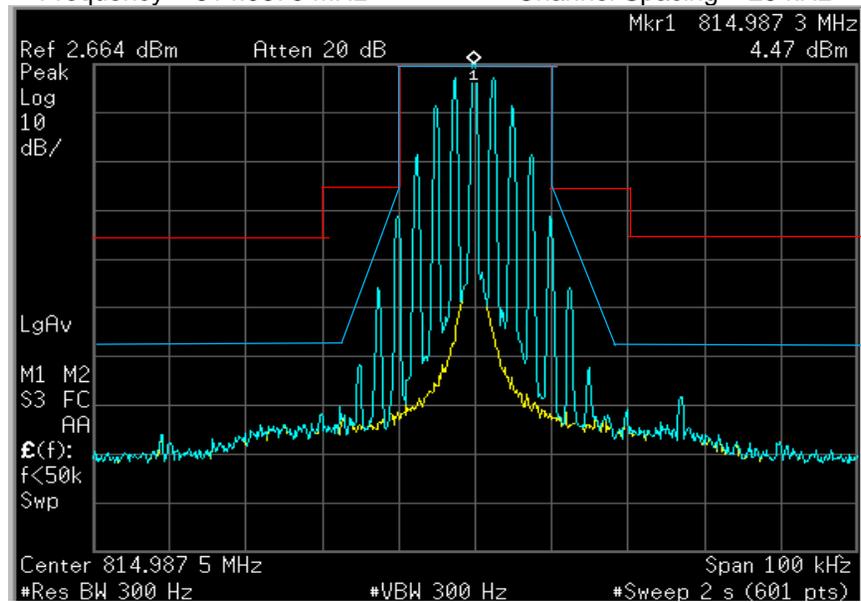


Exhibit 6E-14

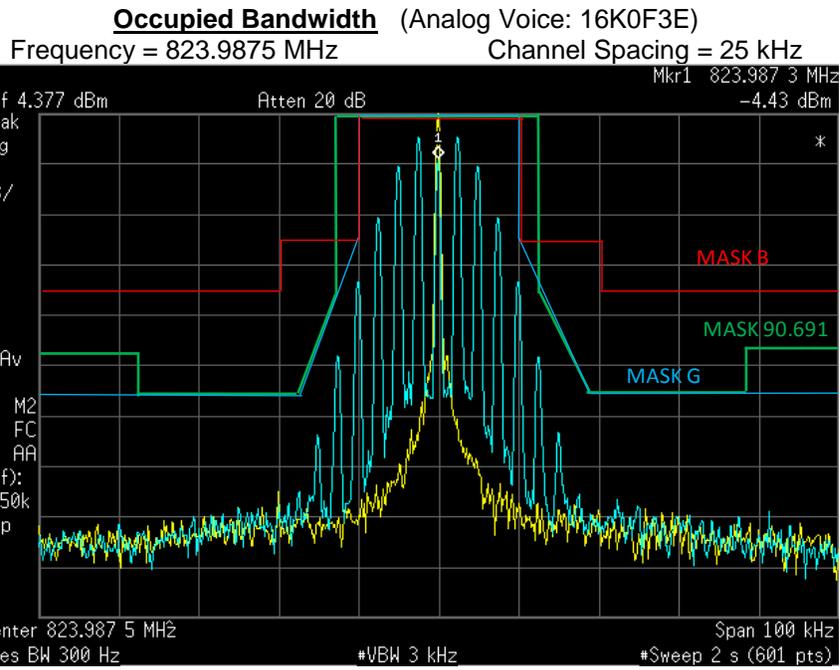


Exhibit 6E-15

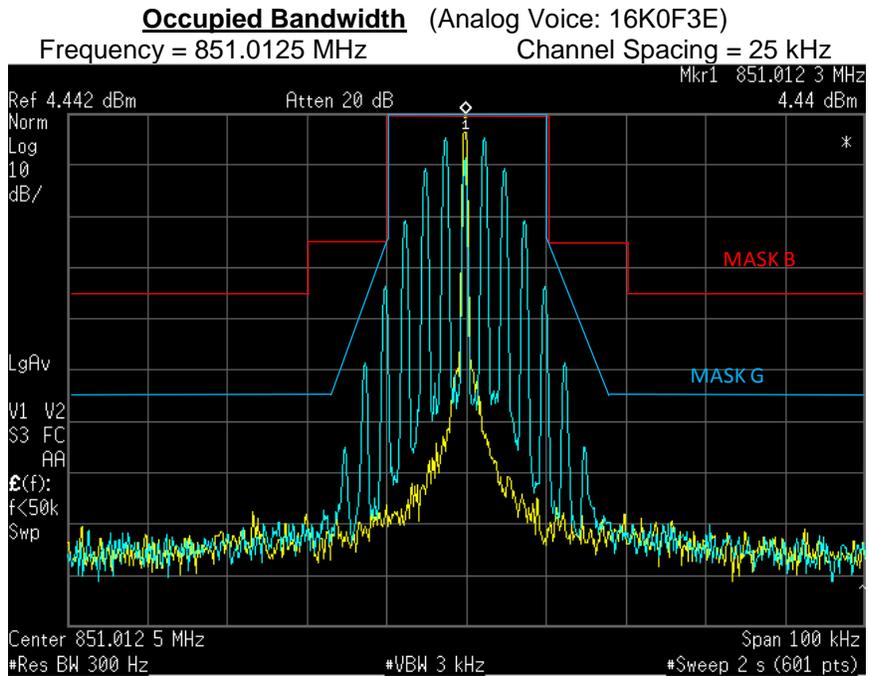


Exhibit 6E-16

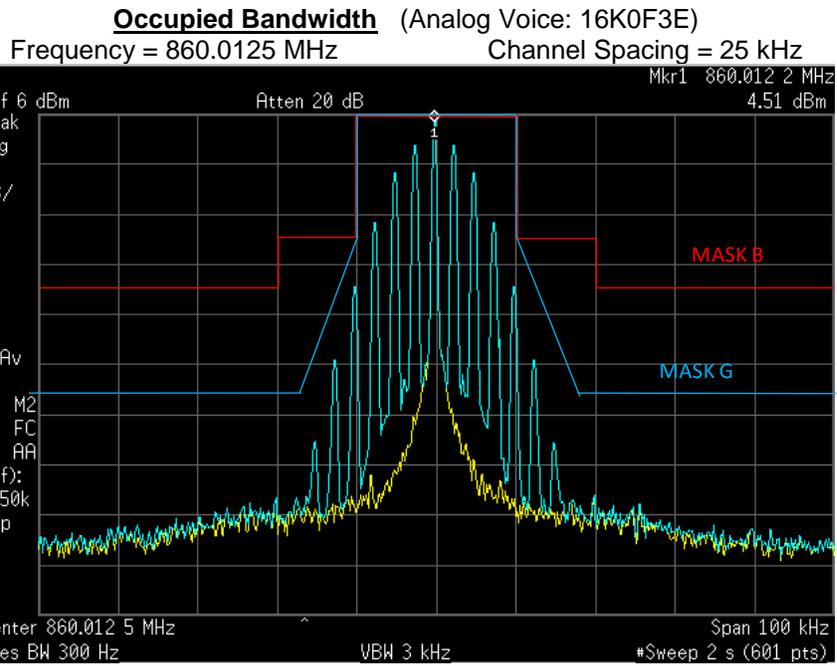


Exhibit 6E-17

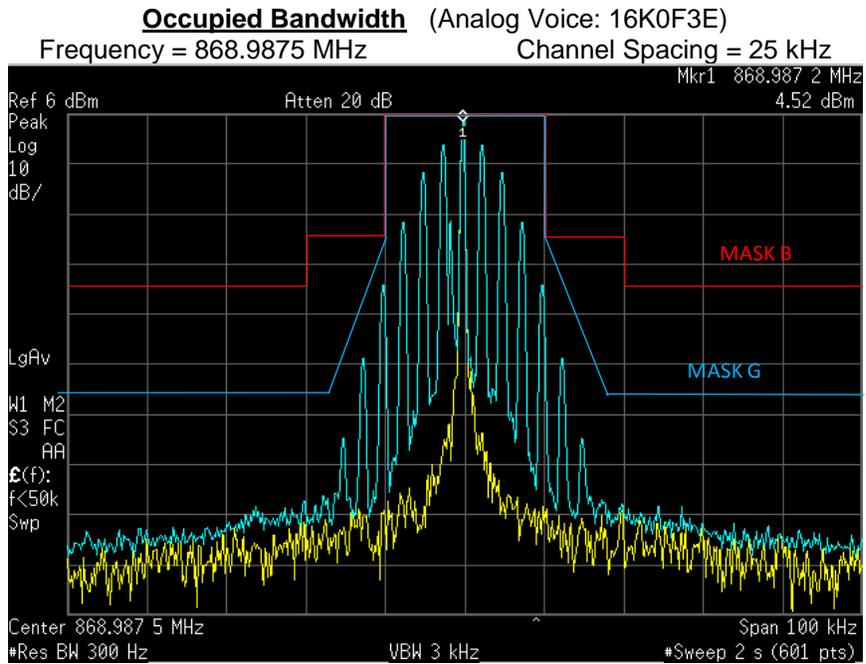


Exhibit 6E-18

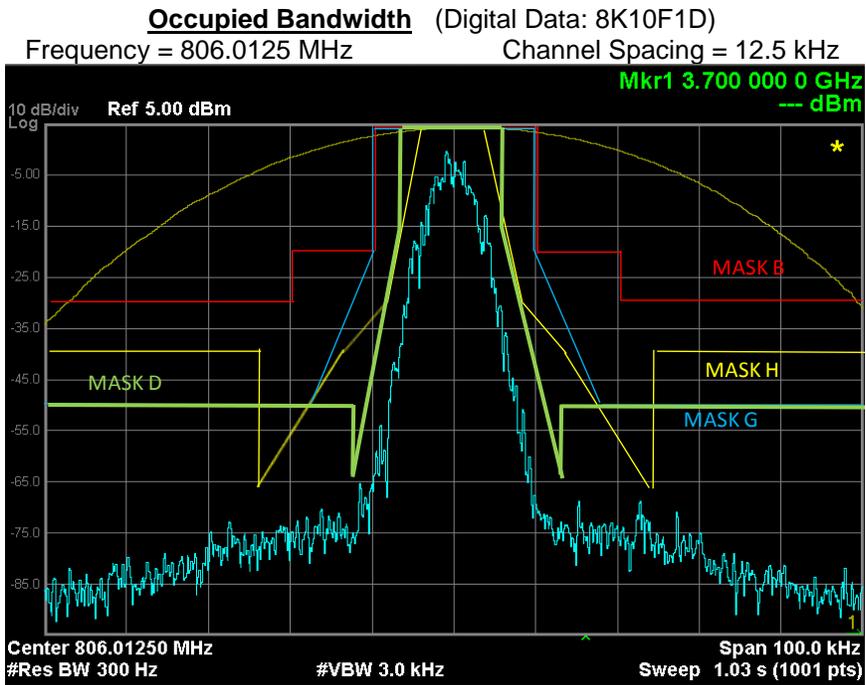


Exhibit 6E-19

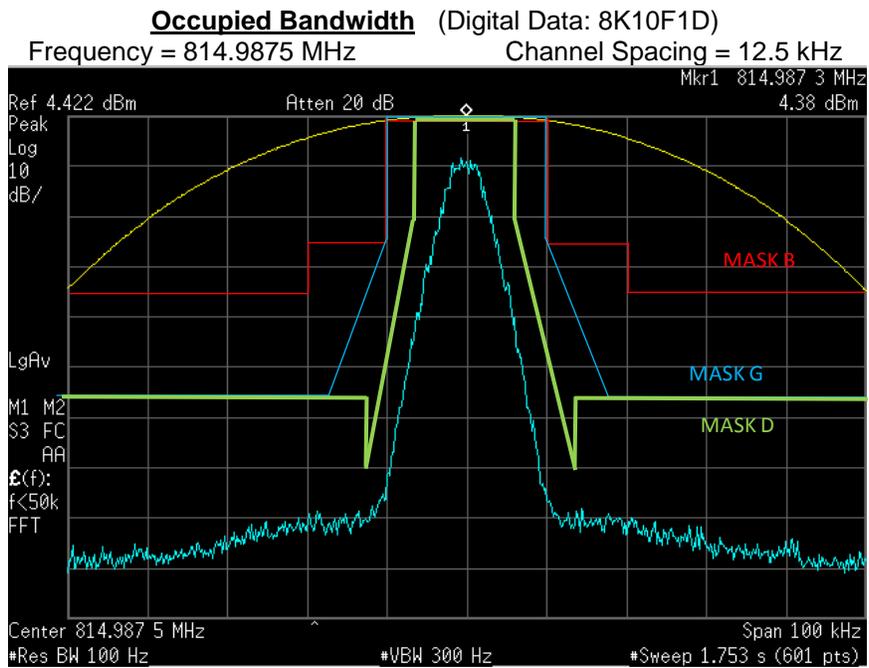


Exhibit 6E-20

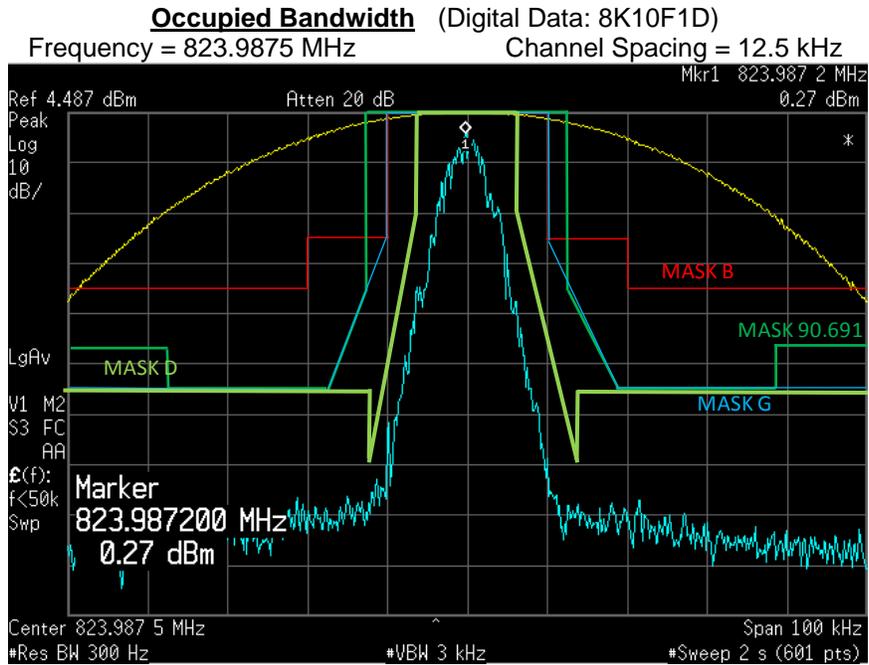


Exhibit 6E-21

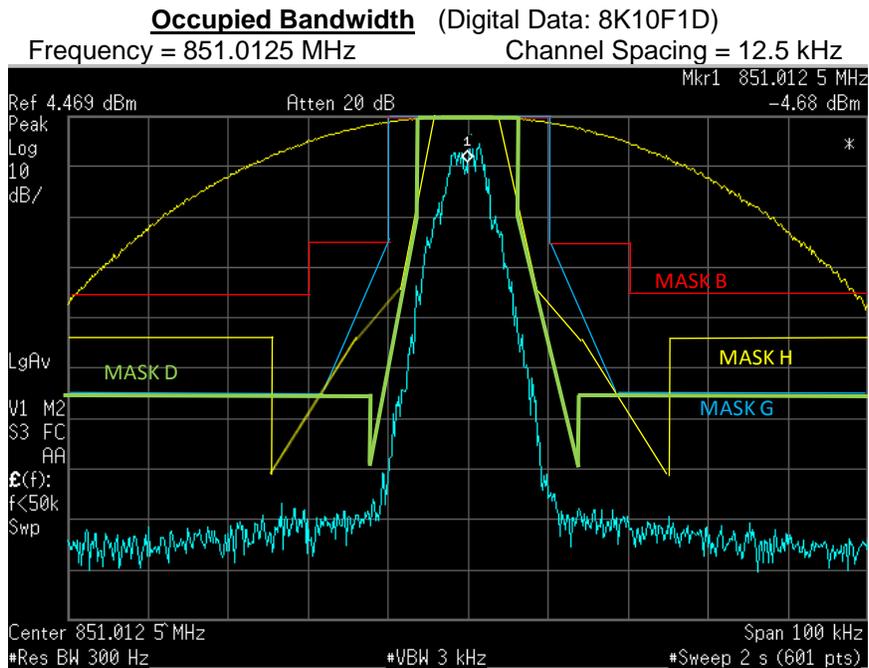


Exhibit 6E-22

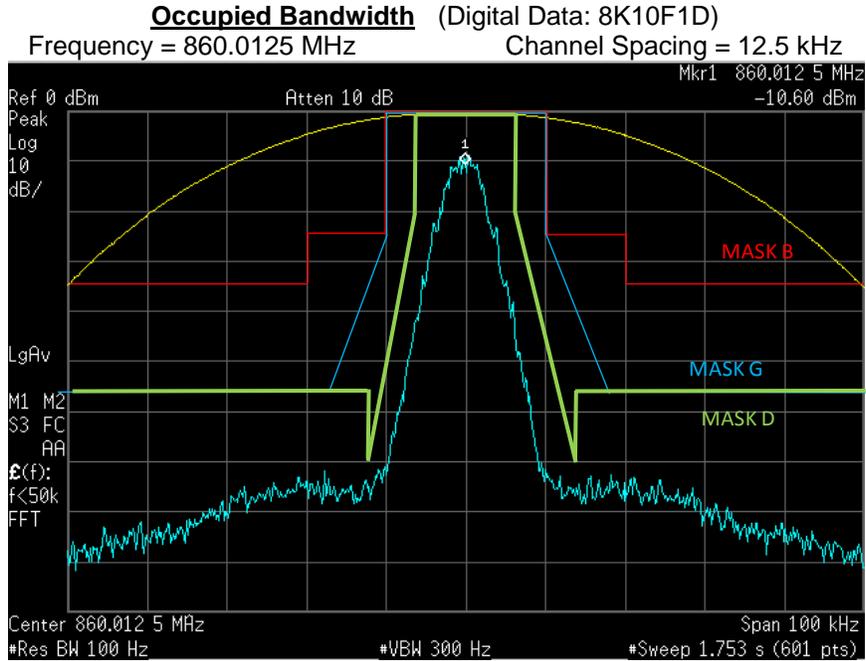


Exhibit 6E-23

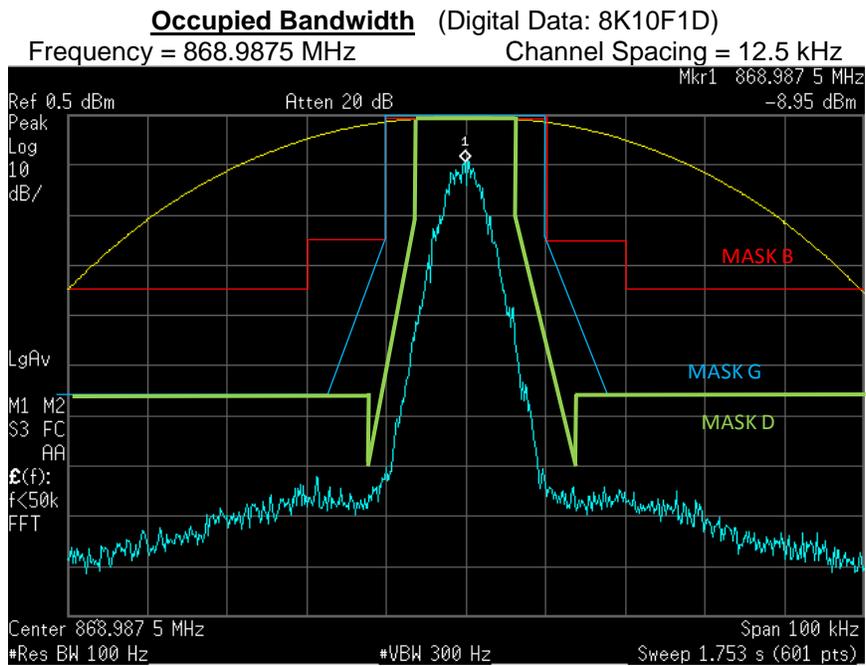


Exhibit 6E-24

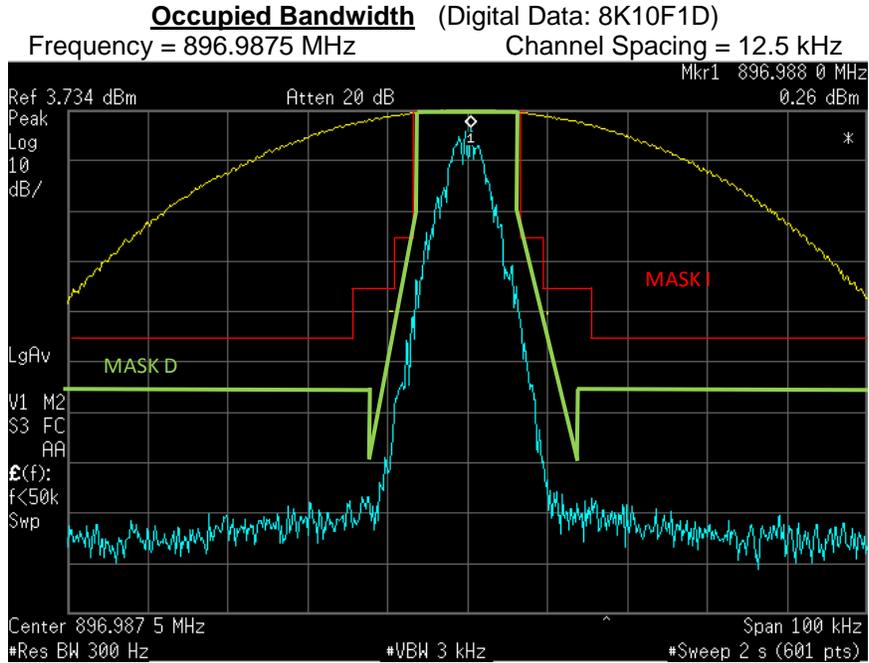


Exhibit 6E-25

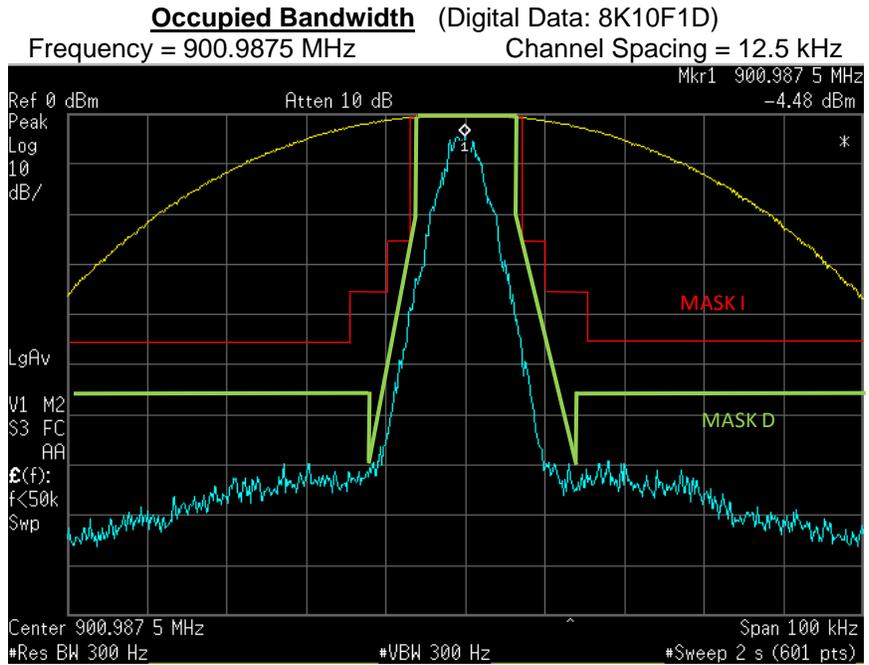


Exhibit 6E-26

Occupied Bandwidth (Digital Data: 8K10F1D) (Part 24)
Frequency = 901.9875 MHz Channel Spacing = 12.5 kHz

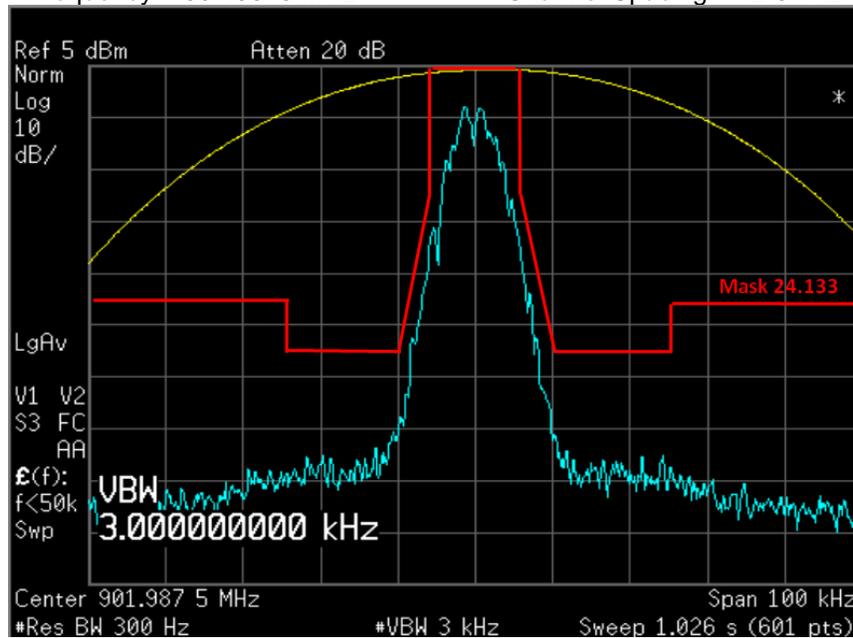


Exhibit 6E-27

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 935.0125 MHz Channel Spacing = 12.5 kHz

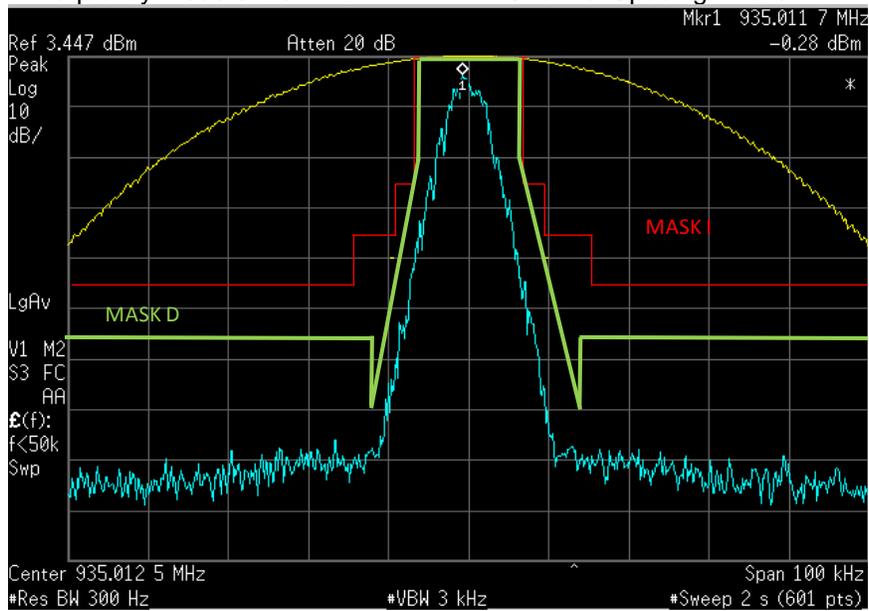


Exhibit 6E-28

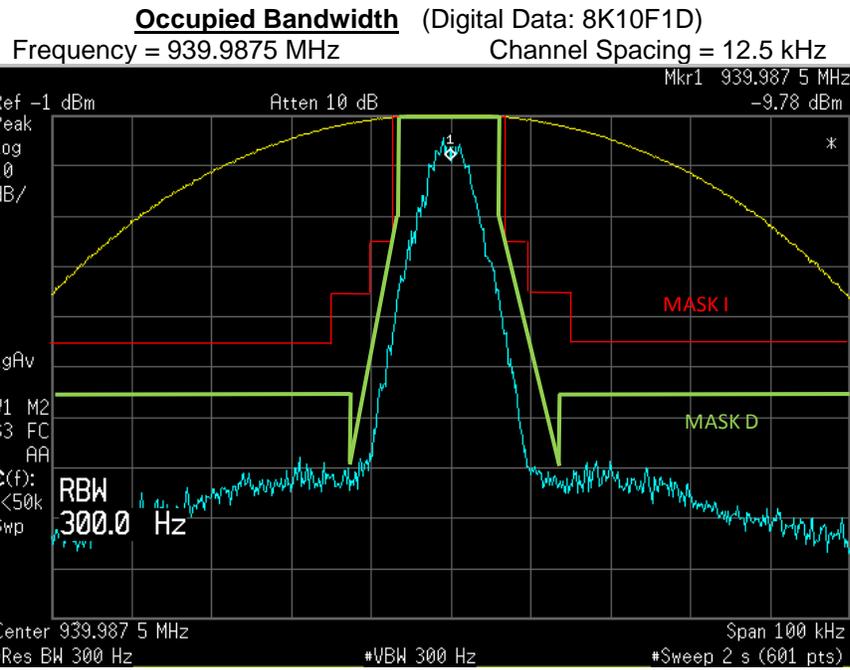


Exhibit 6E-29

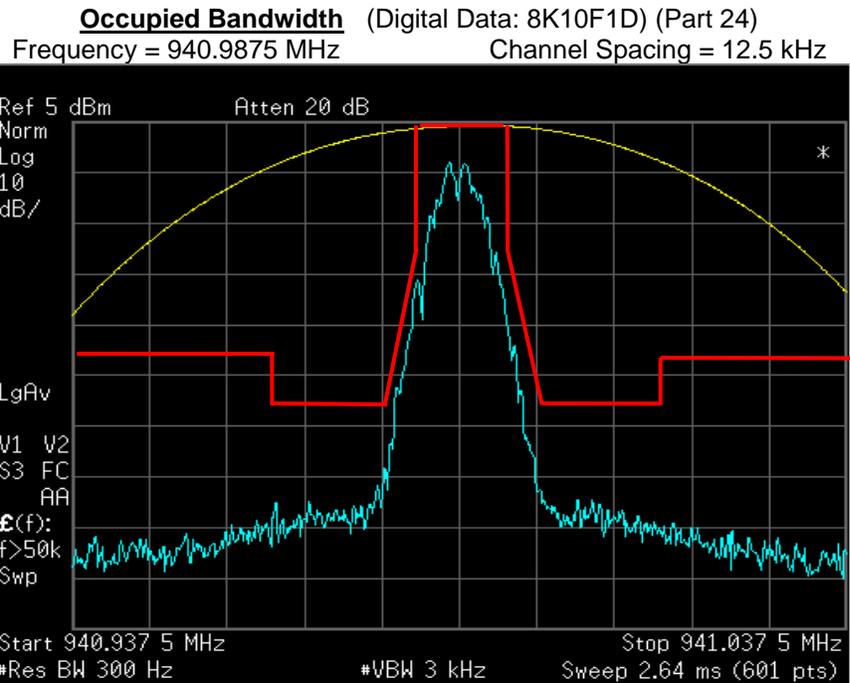


Exhibit 6E-30

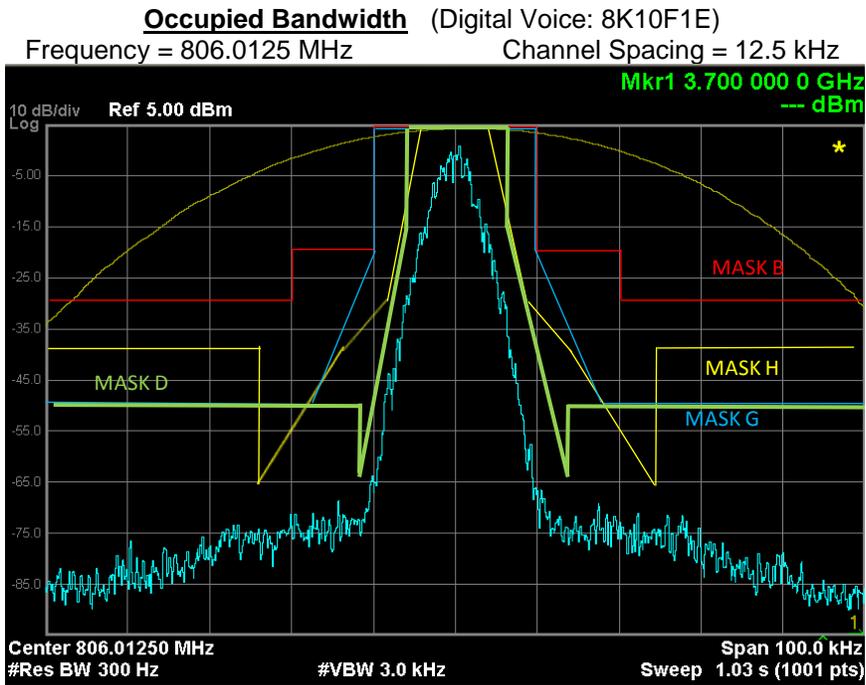


Exhibit 6E-31

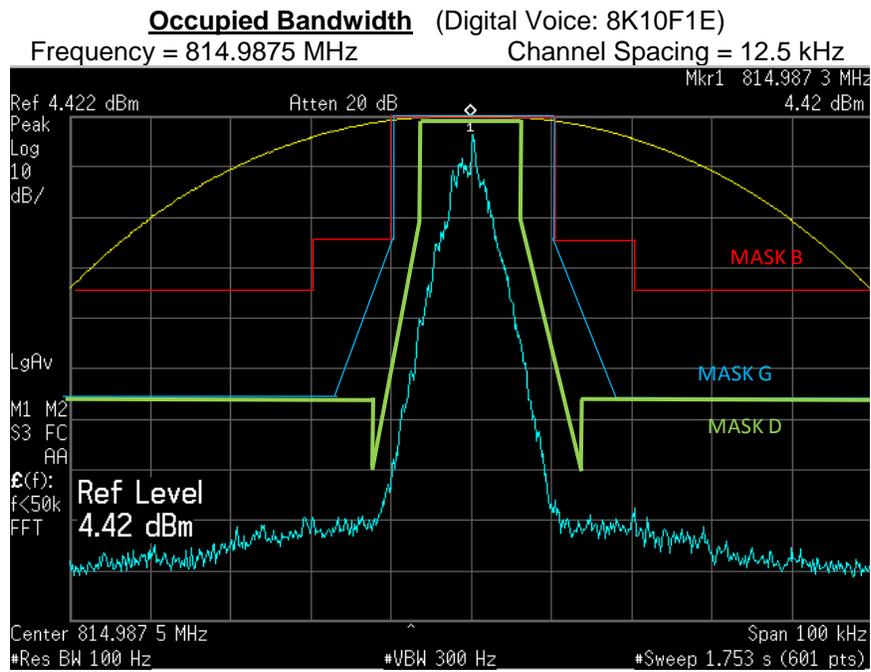


Exhibit 6E-32

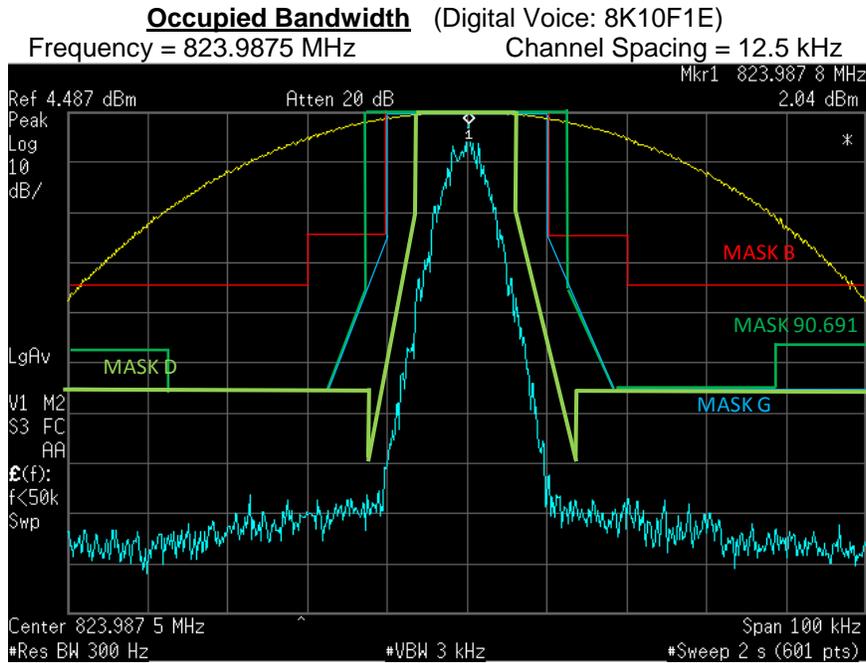


Exhibit 6E-33

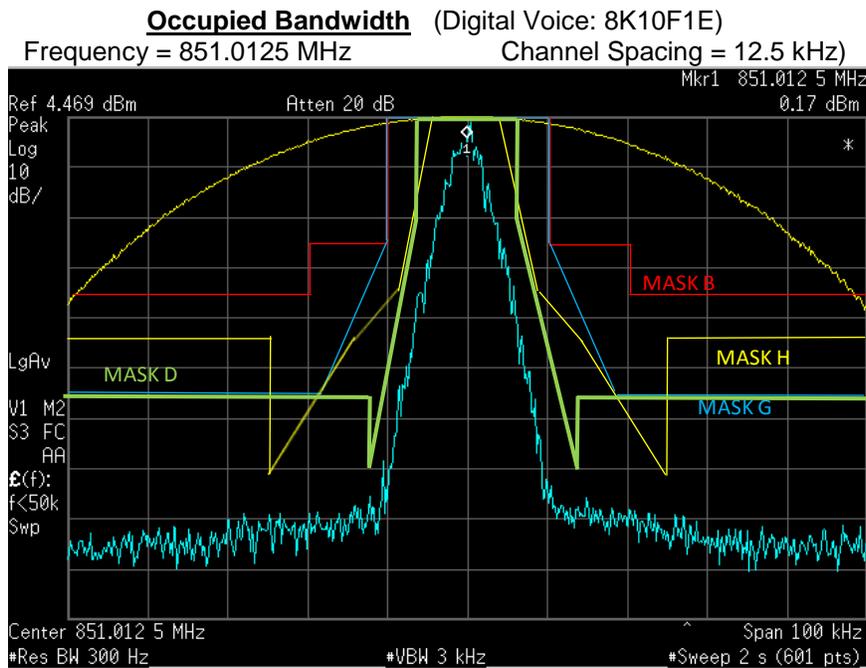


Exhibit 6E-34

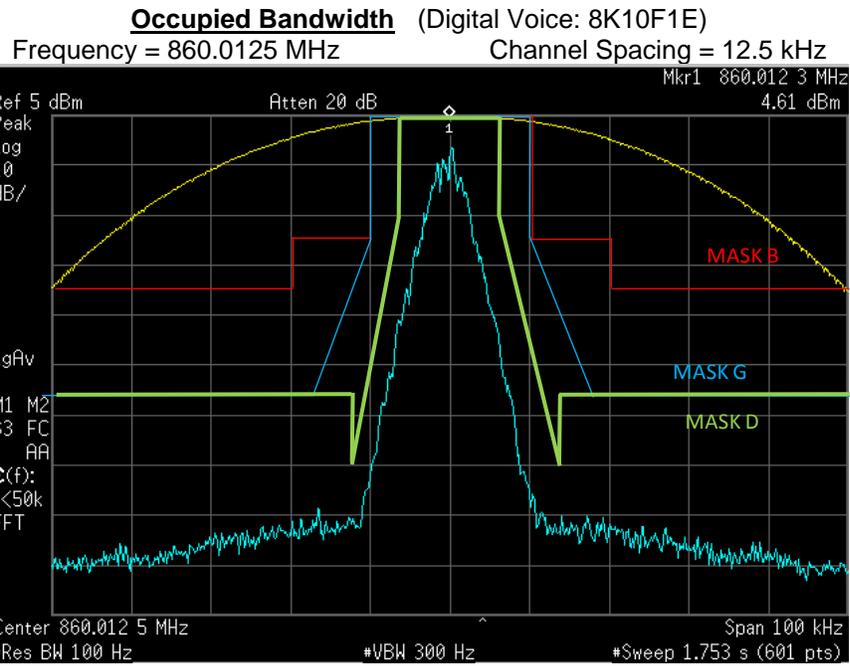


Exhibit 6E-35

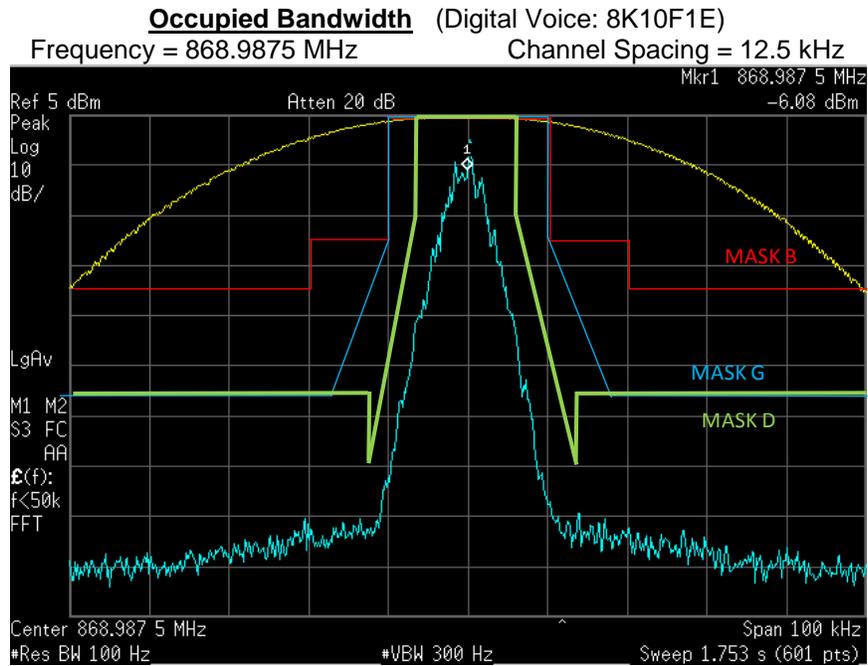


Exhibit 6E-36

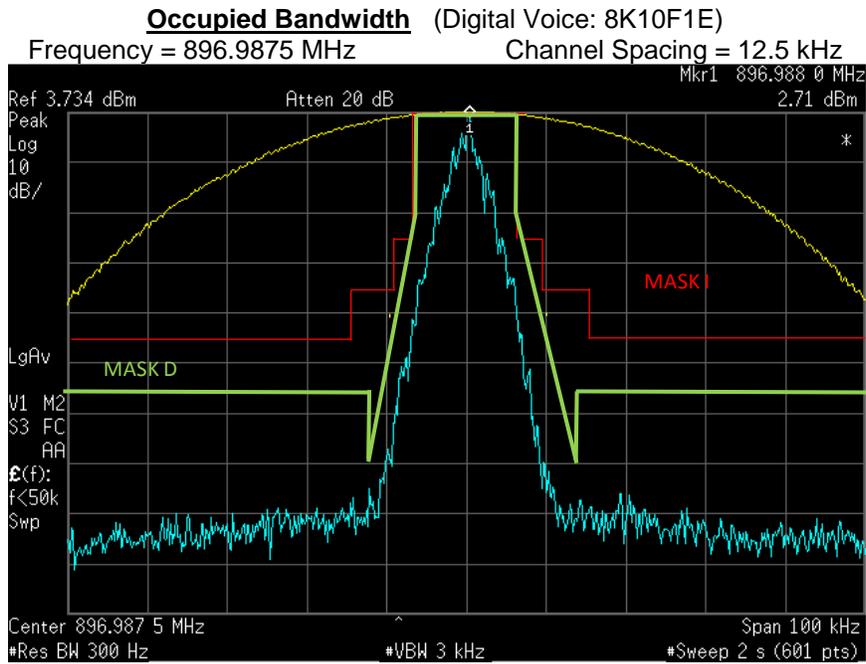


Exhibit 6E-37

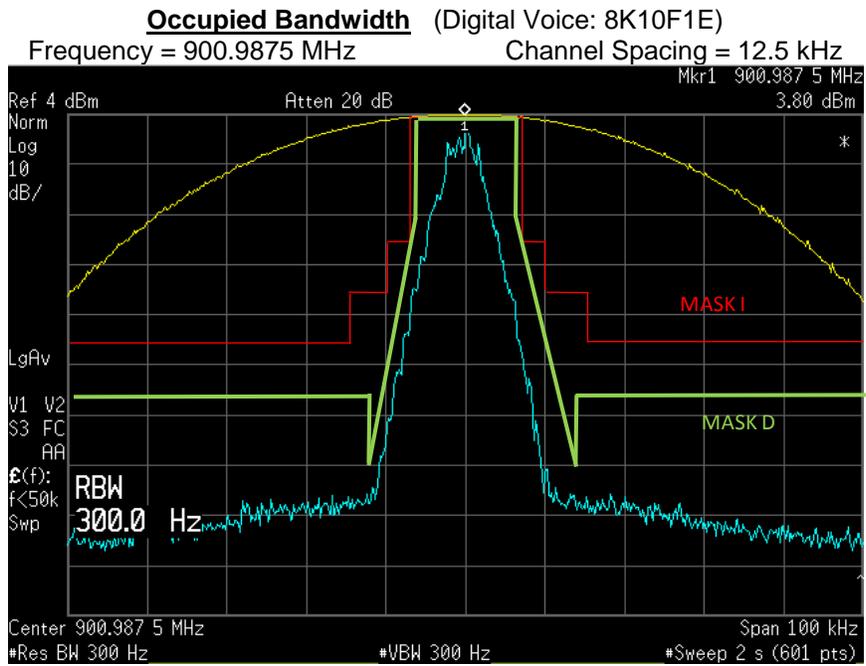


Exhibit 6E-38

Occupied Bandwidth (Digital Voice: 8K10F1E) (Part 24)
Frequency = 901.9875 MHz Channel Spacing = 12.5 kHz

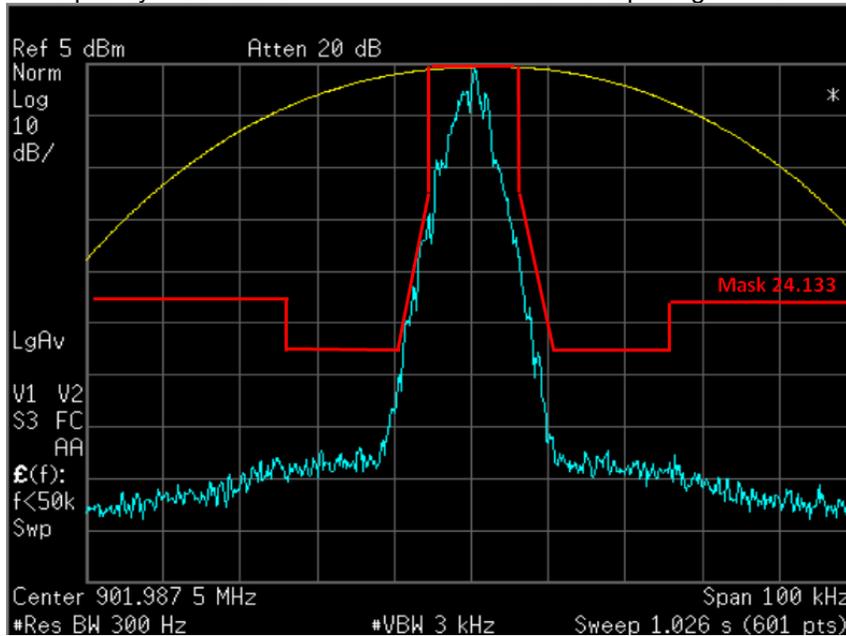


Exhibit 6E-39

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 935.0125 MHz Channel Spacing = 12.5 kHz

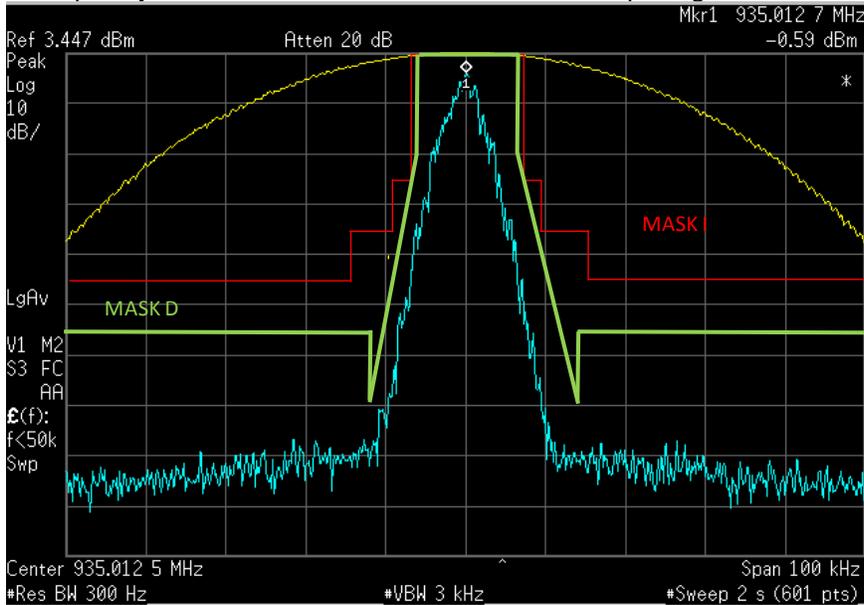


Exhibit 6E-40

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 939.9875 MHz Channel Spacing = 12.5 kHz

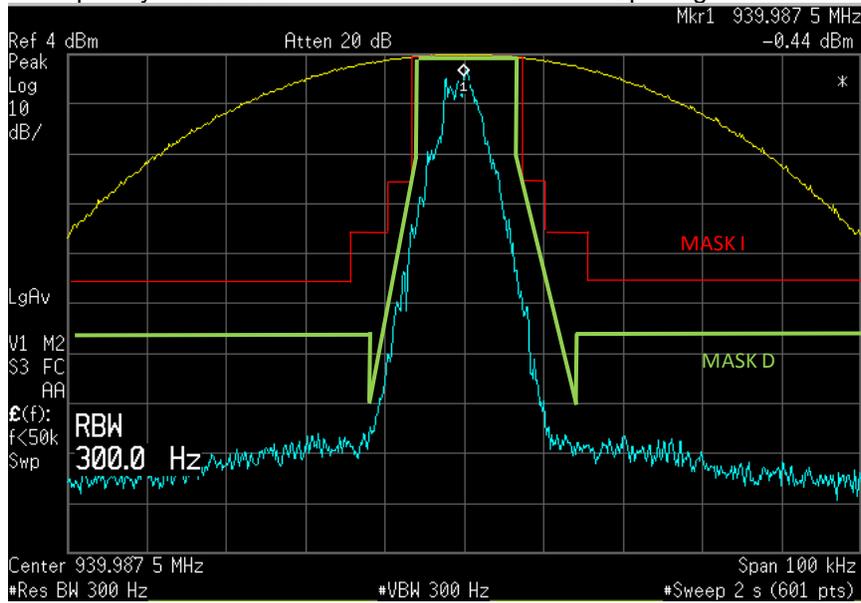


Exhibit 6E-41

Occupied Bandwidth (Digital Voice: 8K10F1E) (Part 24)
Frequency = 940.9875 MHz Channel Spacing = 12.5 kHz

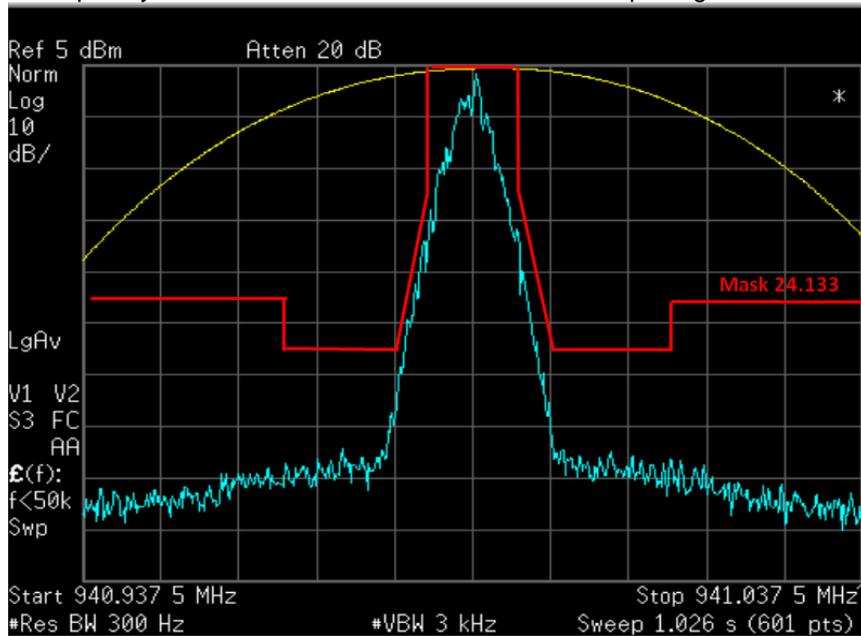


Exhibit 6E-42

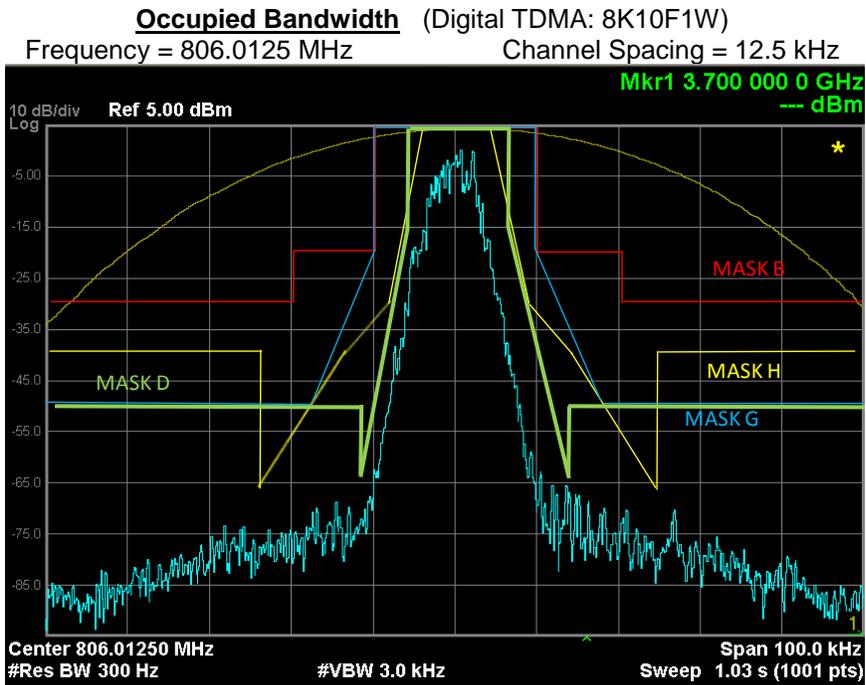


Exhibit 6E-43

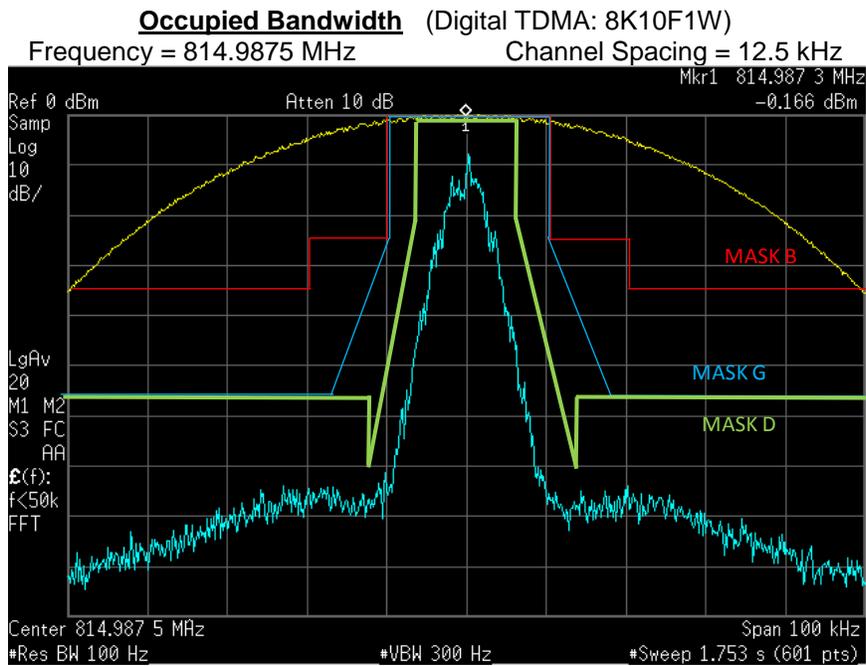


Exhibit 6E-44

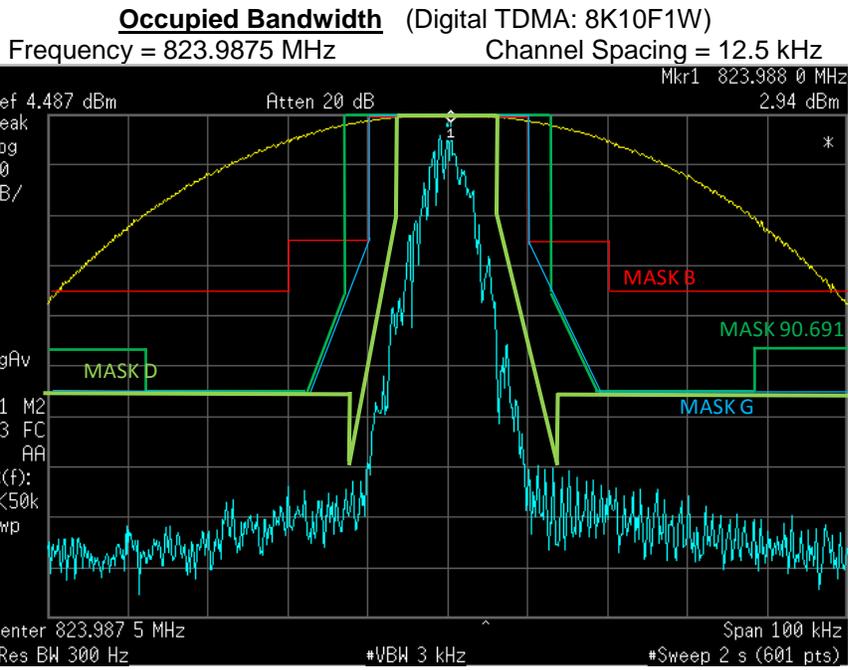


Exhibit 6E-45

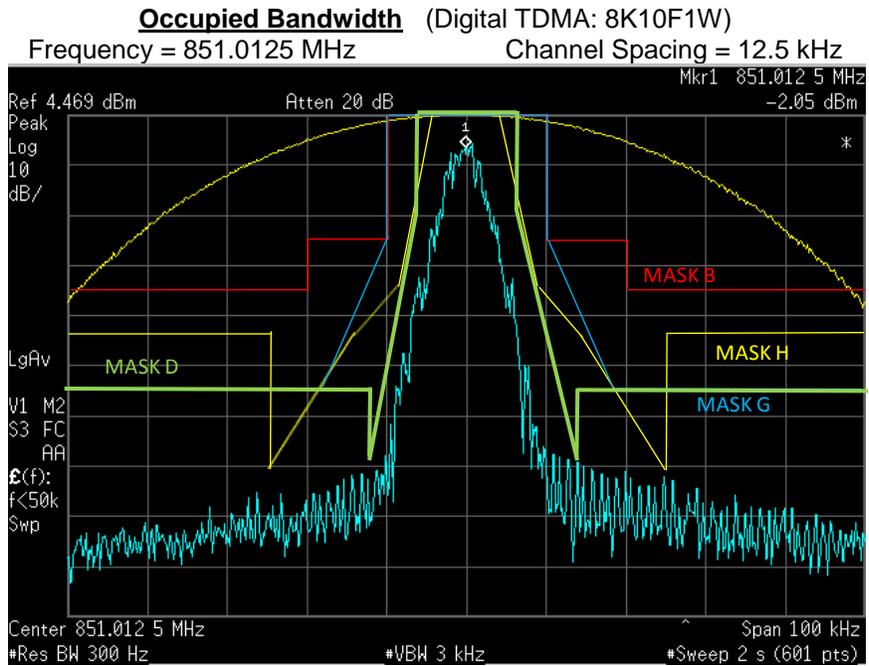


Exhibit 6E-46

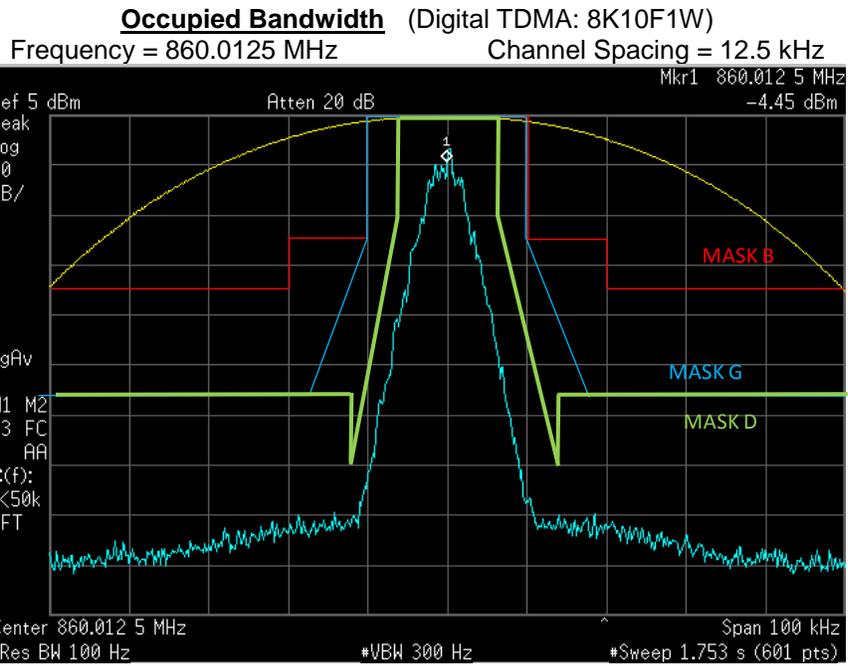


Exhibit 6E-47

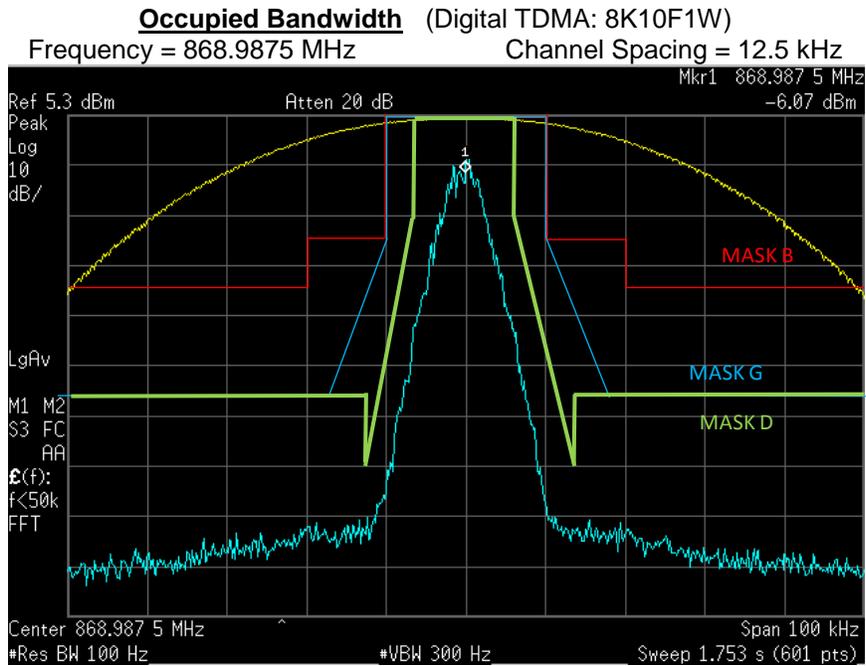


Exhibit 6E-48

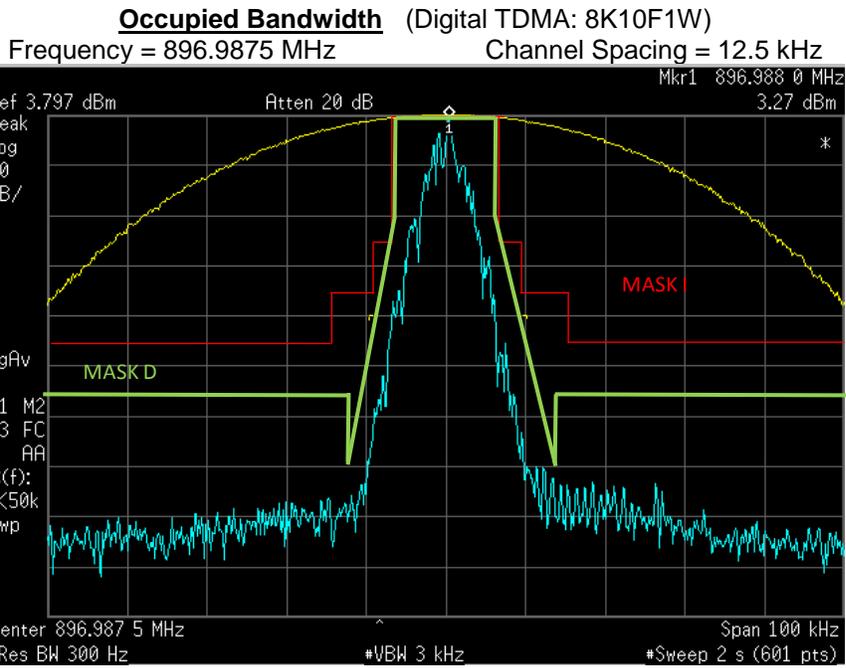


Exhibit 6E-49

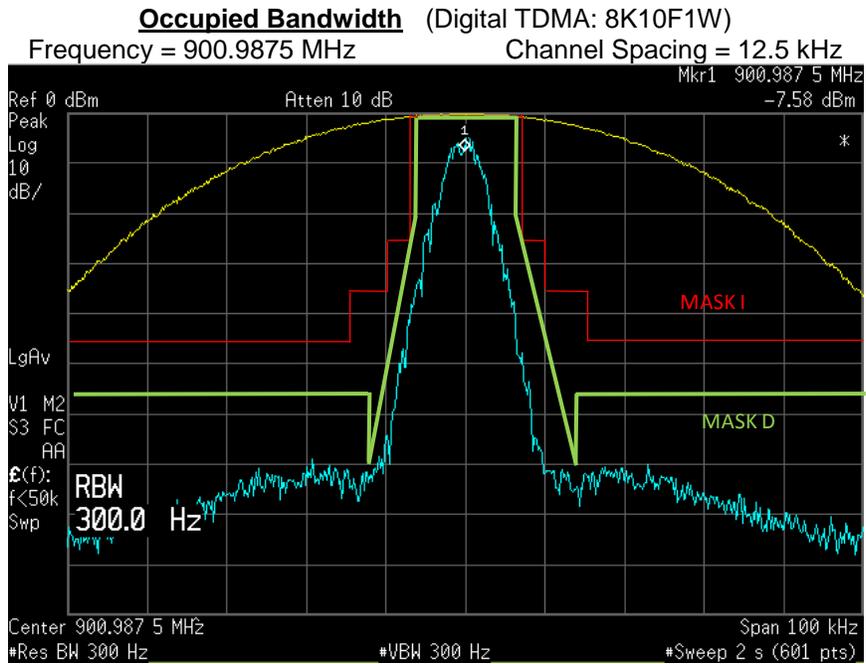


Exhibit 6E-50

Occupied Bandwidth (Digital TDMA: 8K10F1W) (Part 24)
Frequency = 901.9875 MHz Channel Spacing = 12.5 kHz

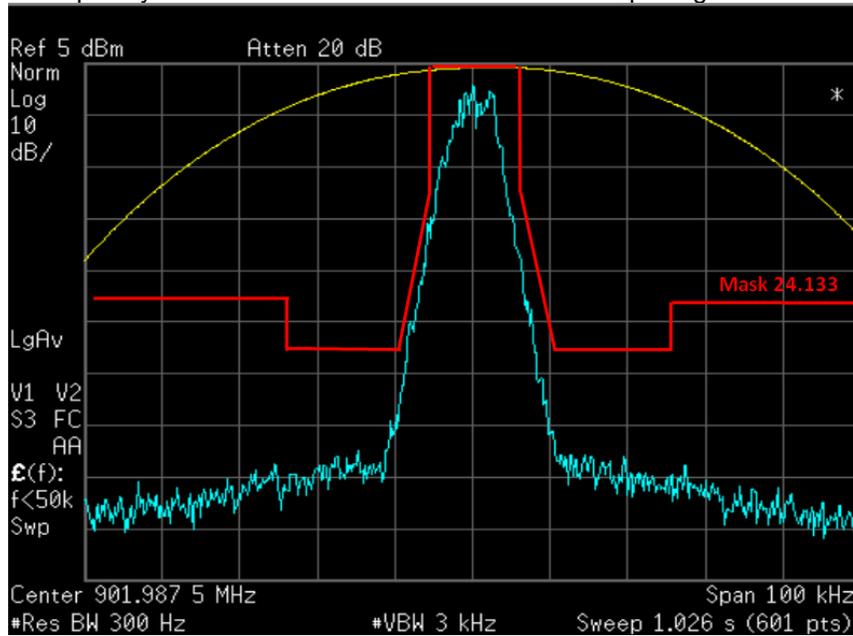


Exhibit 6E-51

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 935.0125 MHz Channel Spacing = 12.5 kHz

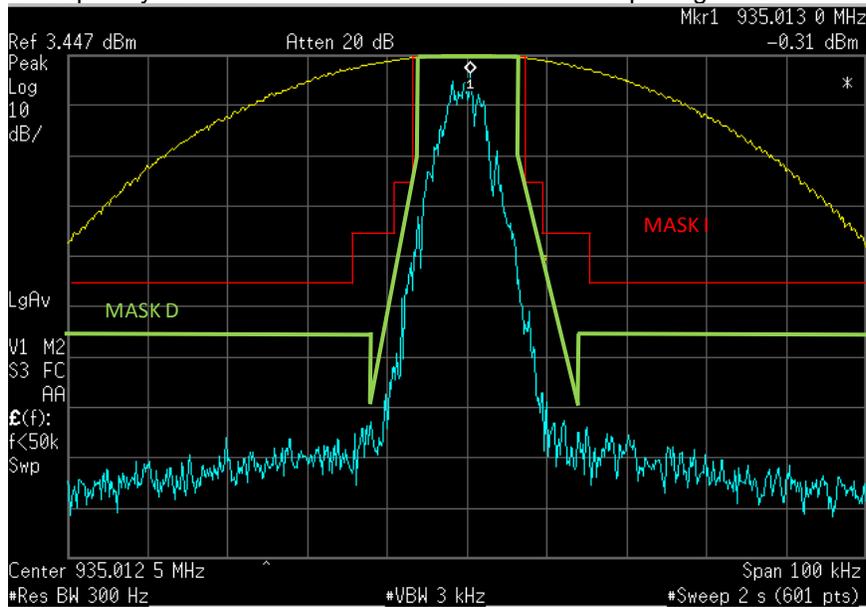


Exhibit 6E-52

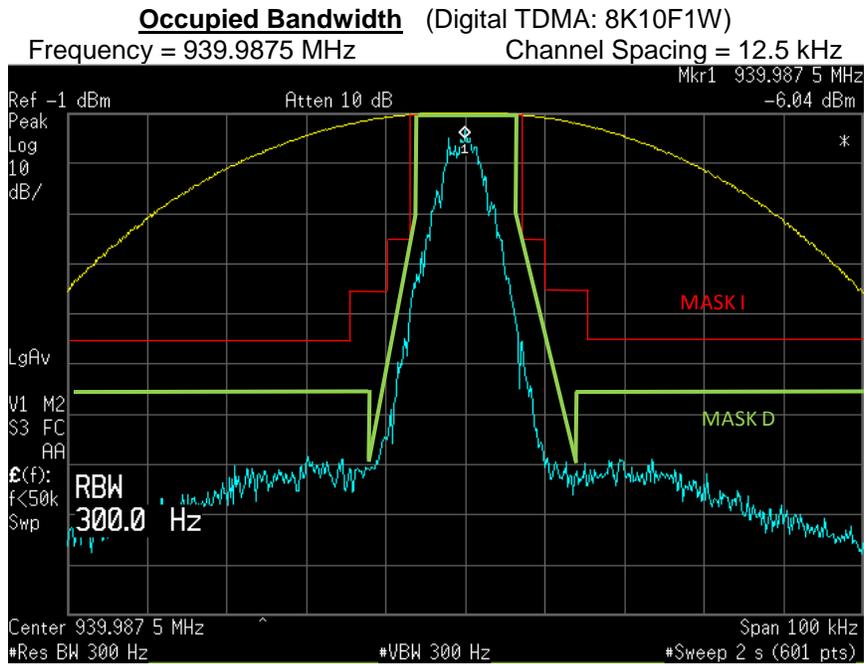


Exhibit 6E-53

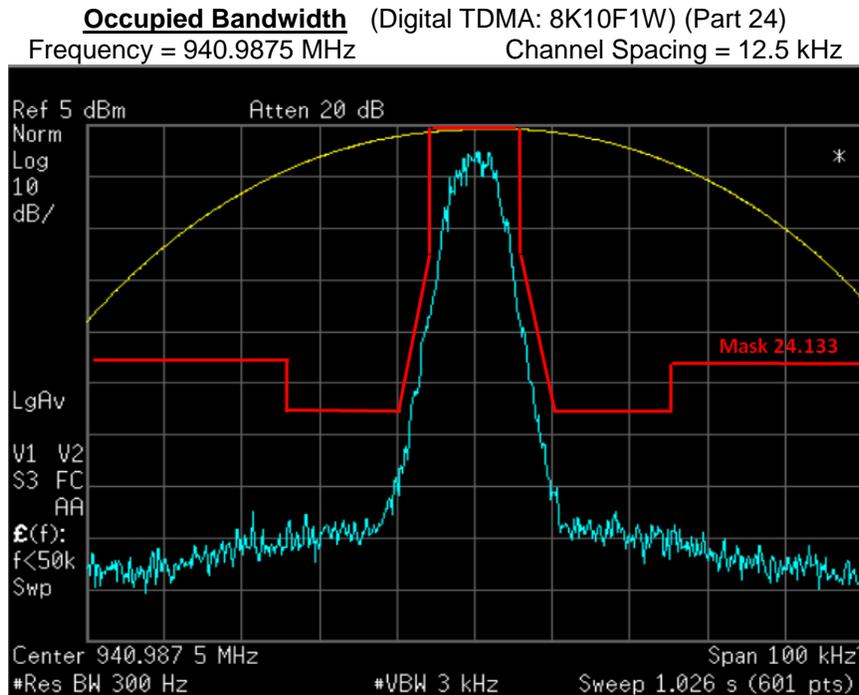


Exhibit 6E-54

****NOTE:-**

- All measurements of Occupied Bandwidth which are shown on the above plots are measured using a Spectrum Analyzer.
- Measurement using a Spectrum Analyzer must use a 30dB attenuation in order to avoid damage to it.
- Therefore the reference power level (Ref) shown on each plot refers to its true power level.

EXHIBIT 6F

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

For the transmitter radiated spurious emissions data, please refer to external test lab report FT7063_ex06a_TUV_7191109489-EEC1502, section "Radiated Transmitter Unwanted Emission Test", from Pg 7 to Pg 20.

EXHIBIT 6G

Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1051 and 2.1033(c) (13)

Note: Lines on graphs correspond to the FCC limit of -20dBm (12.5kHz) and -13dBm (25kHz). Spurs which are not shown is less than 100dB.

Freq: 806.0125 MHz, Power: 3.6 Watts (channel spacing 12.5kHz)

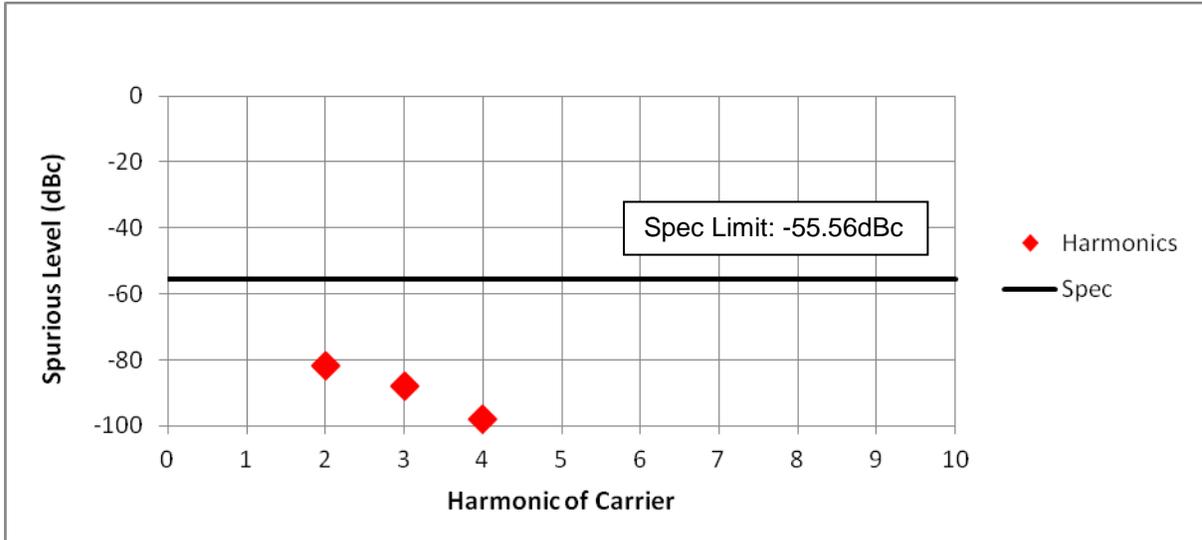


Exhibit 6G-1

Freq: 814.9875 MHz, Power: 3.6 Watts (channel spacing 12.5kHz)

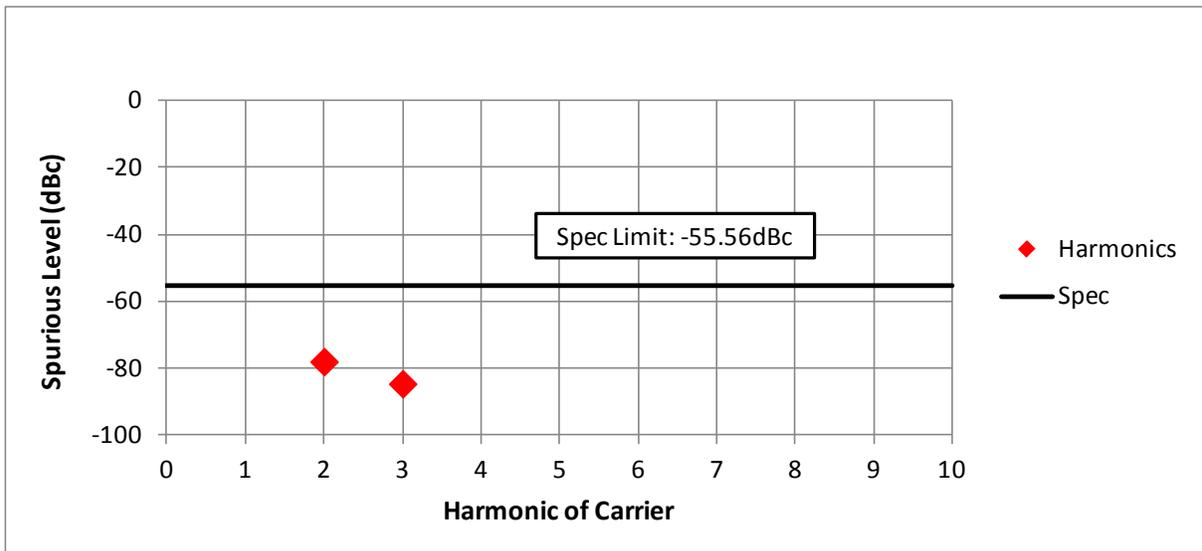


Exhibit 6G-2

Freq: 823.9875 MHz, Power: 3.6 Watts (channel spacing 12.5kHz)

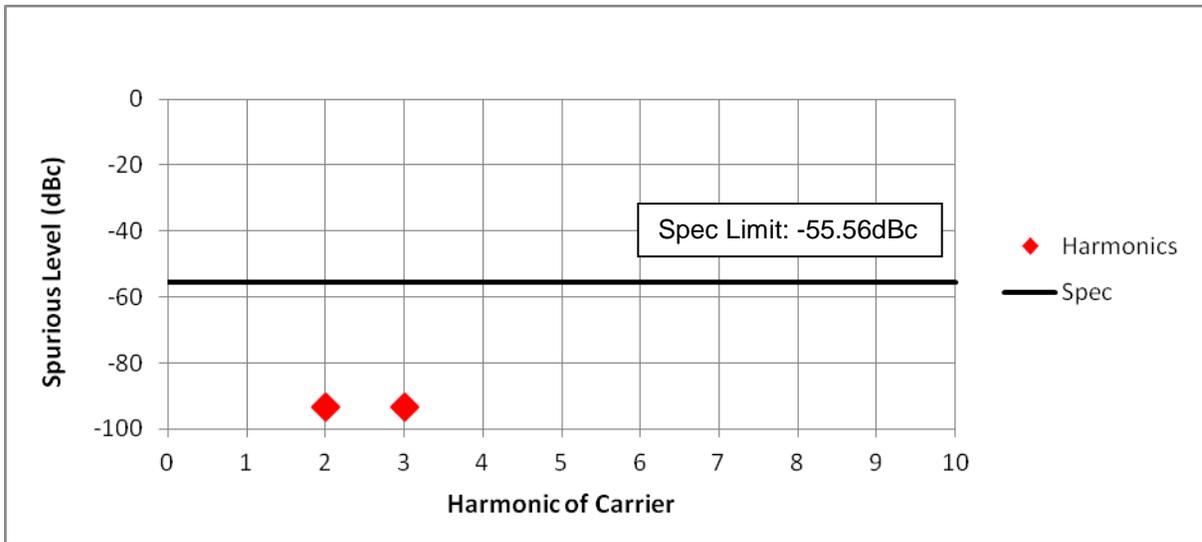


Exhibit 6G-3

Freq: 851.0125 MHz, Power: 3.6 Watts (channel spacing 12.5kHz)

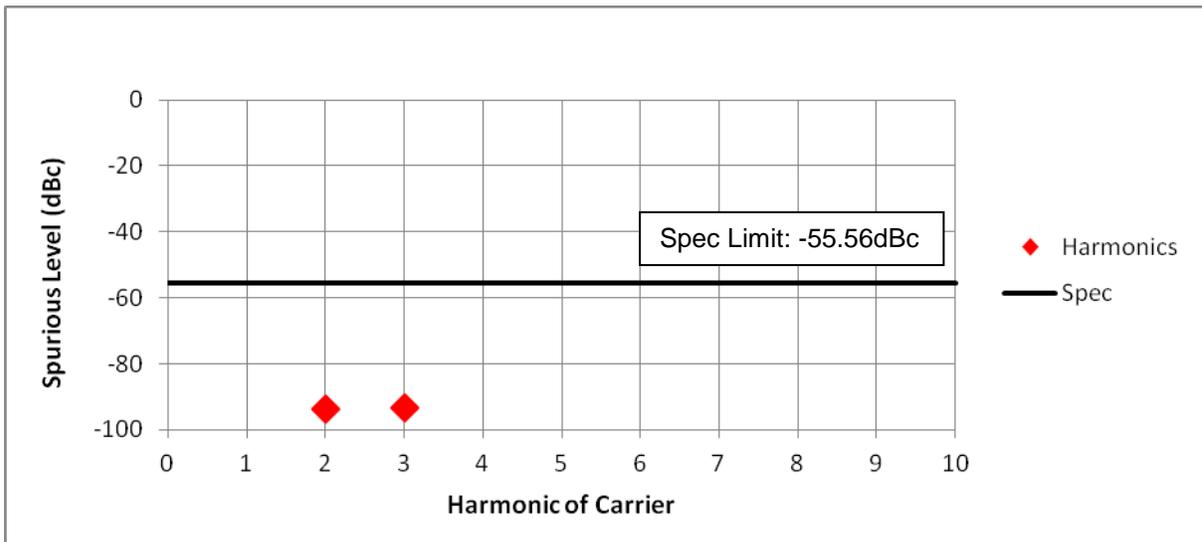


Exhibit 6G-4

Freq: 860.0125 MHz, Power: 3.6 Watts (channel spacing 12.5kHz)

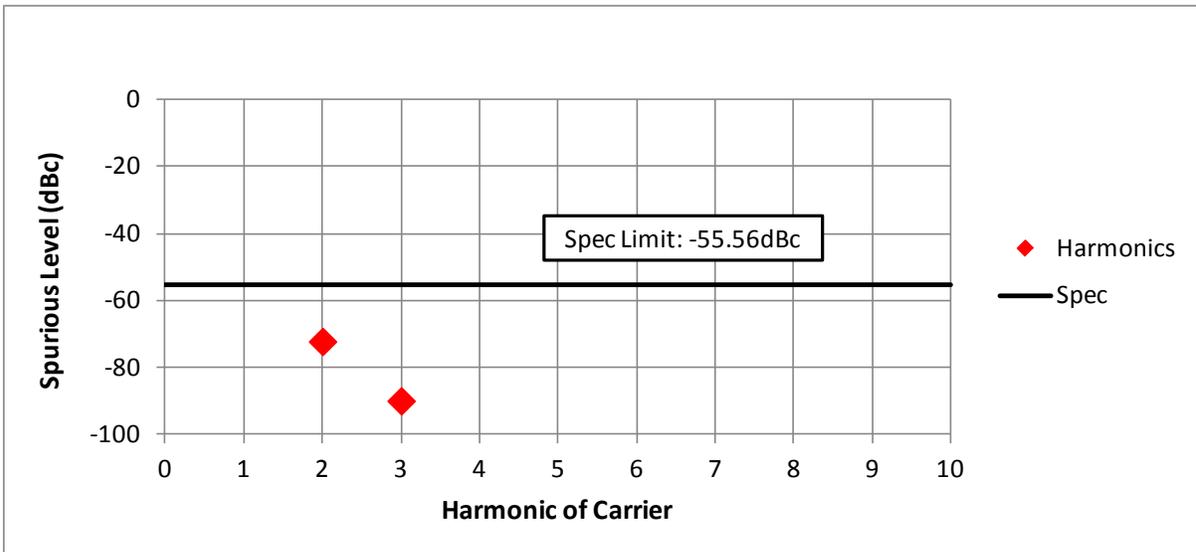


Exhibit 6G-5

Freq: 868.9875 MHz, Power: 3.6 Watts (channel spacing 12.5kHz)

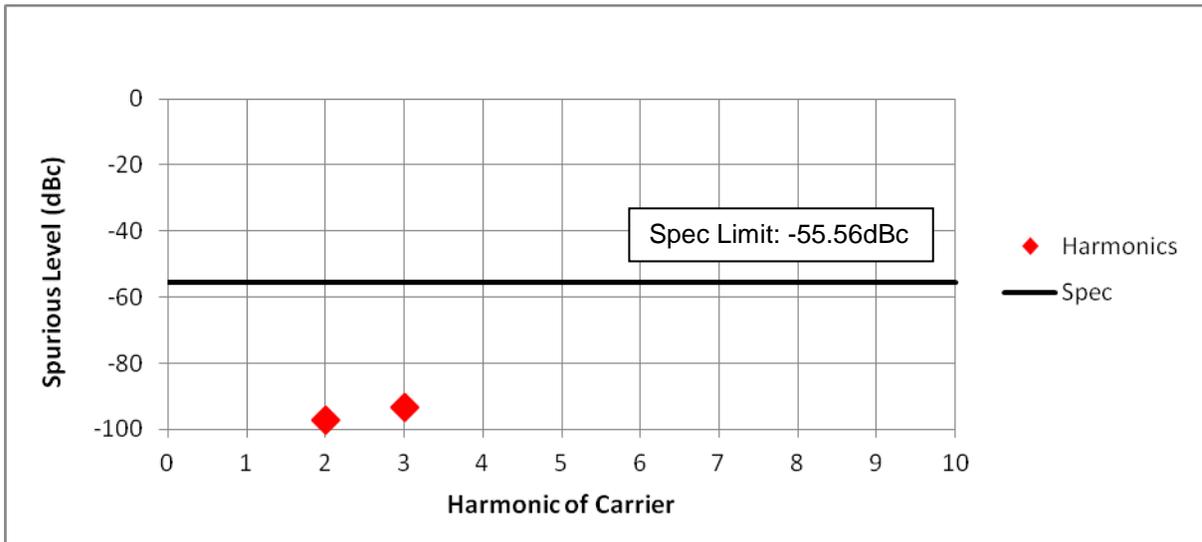


Exhibit 6G-6

Freq: 896.9875 MHz, Power: 3 Watts (channel spacing 12.5kHz)

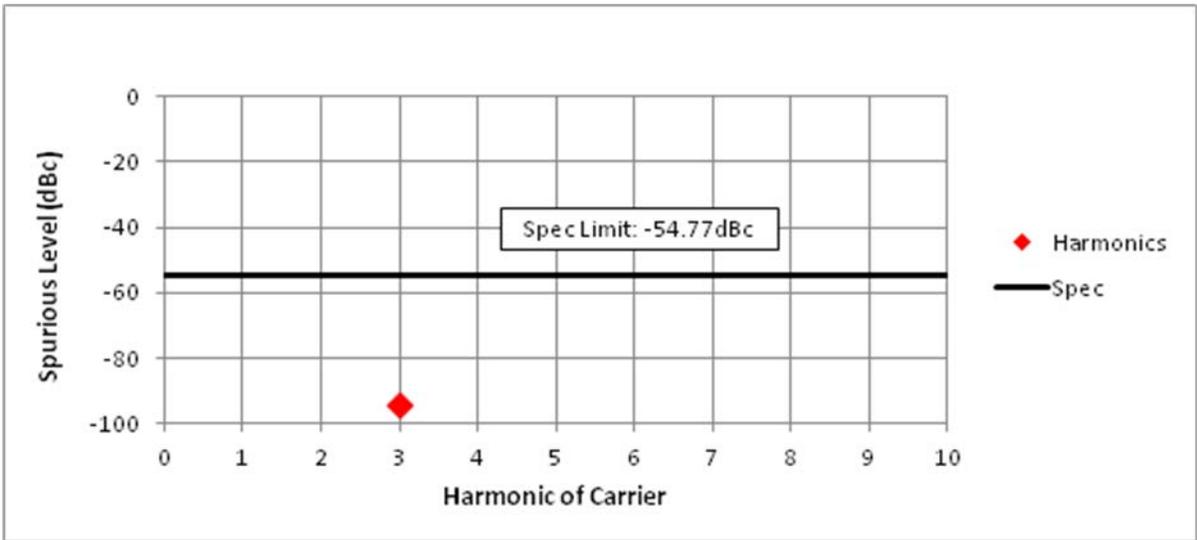


Exhibit 6G-7

Freq: 900.9875 MHz, Power: 3 Watts (channel spacing 12.5kHz)

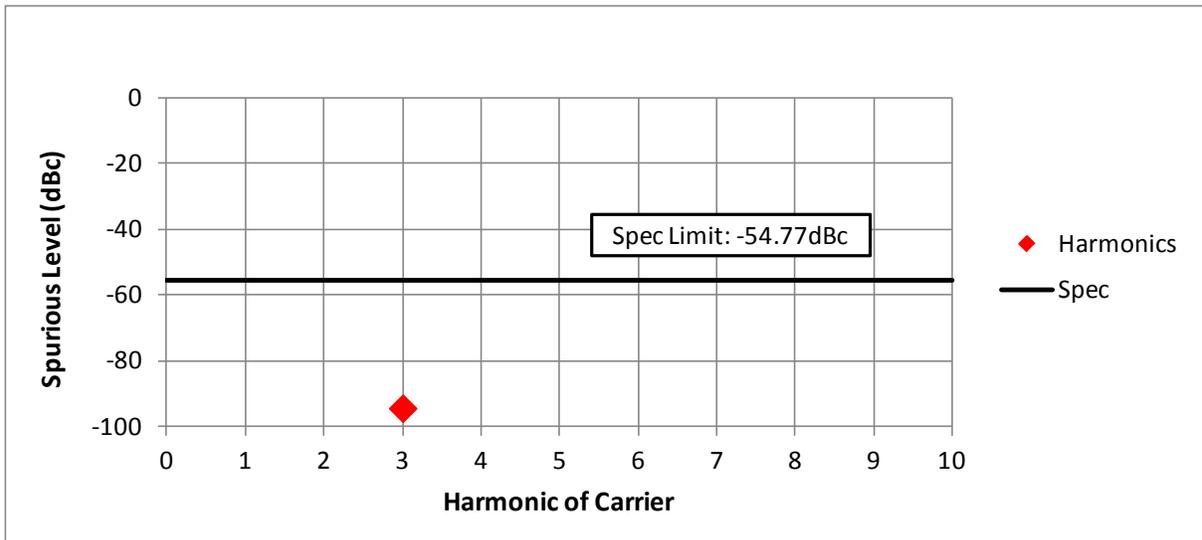


Exhibit 6G-8

Freq: 901.9875 MHz, Power: 3 Watts (channel spacing 12.5kHz) (Part 24)

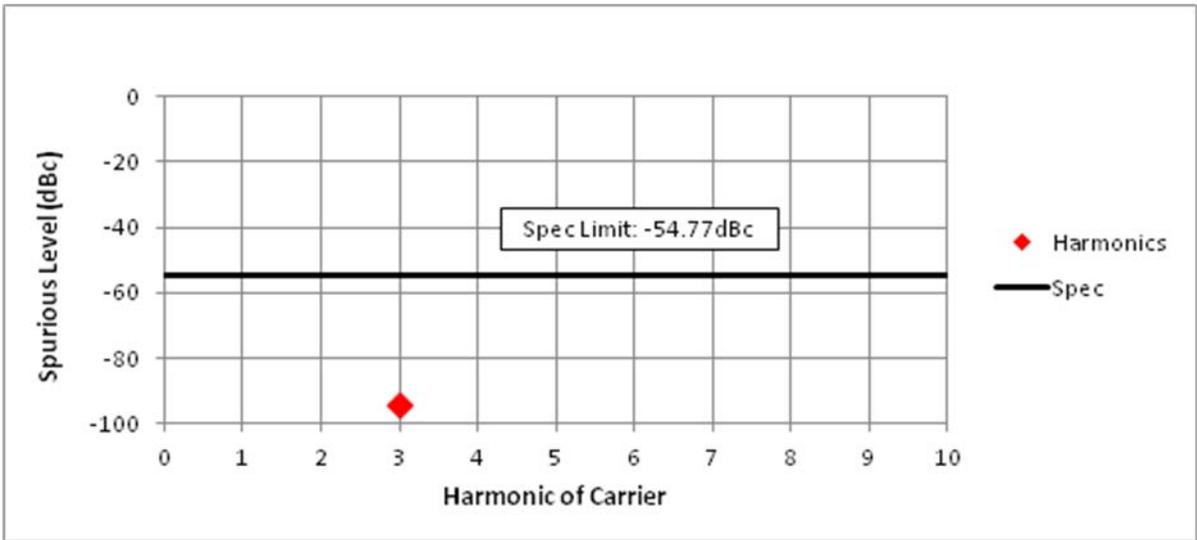


Exhibit 6G-9

Freq: 935.0125 MHz, Power: 3 Watts (channel spacing 12.5kHz)

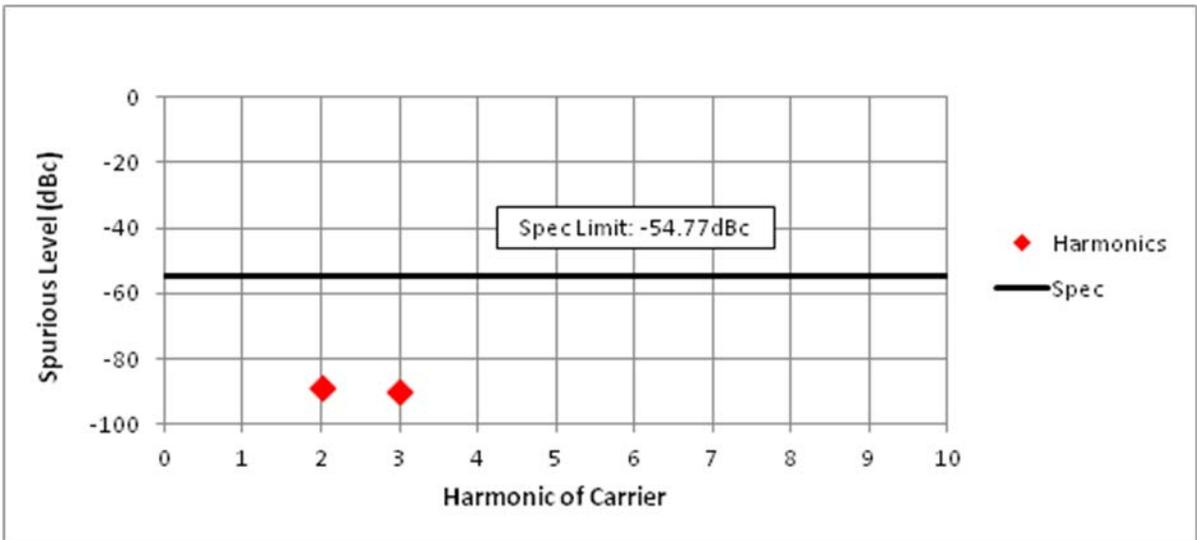


Exhibit 6G-10

Freq: 939.9875 MHz, Power: 3 Watts (channel spacing 12.5kHz)

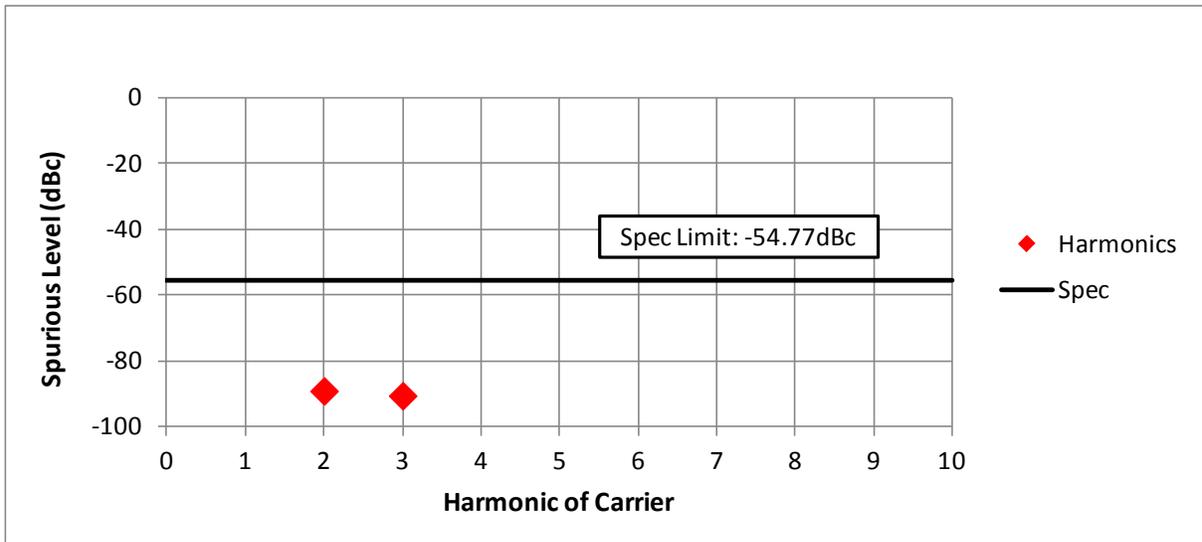


Exhibit 6G-11

Freq: 940.9875 MHz, Power: 3 Watts (channel spacing 12.5kHz) (Part 24)

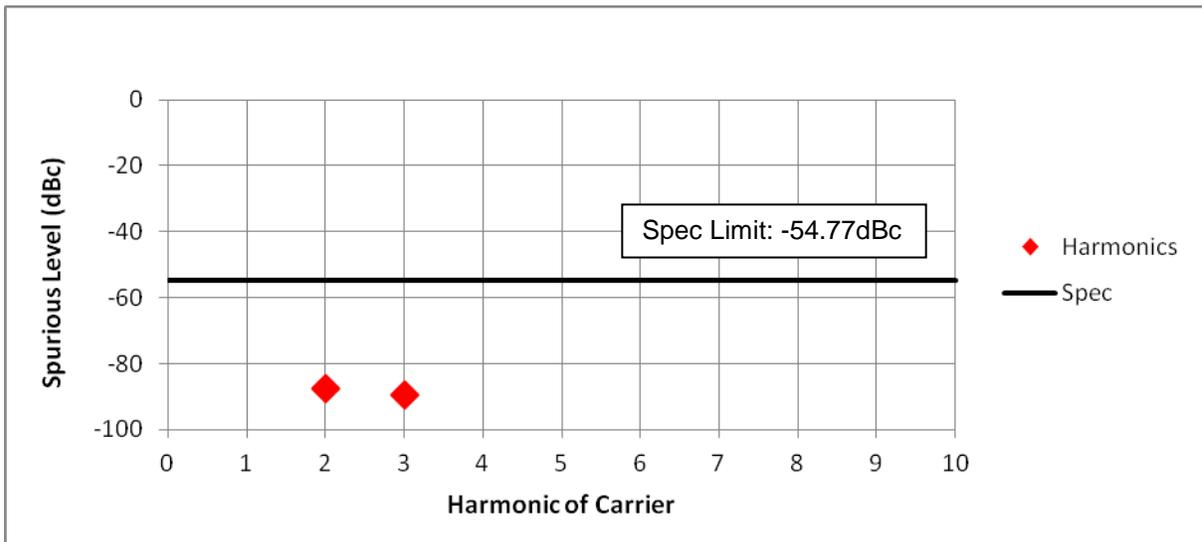


Exhibit 6G-12

Freq: 806.0125 MHz, Power: 3.6 Watts (channel spacing 25kHz)

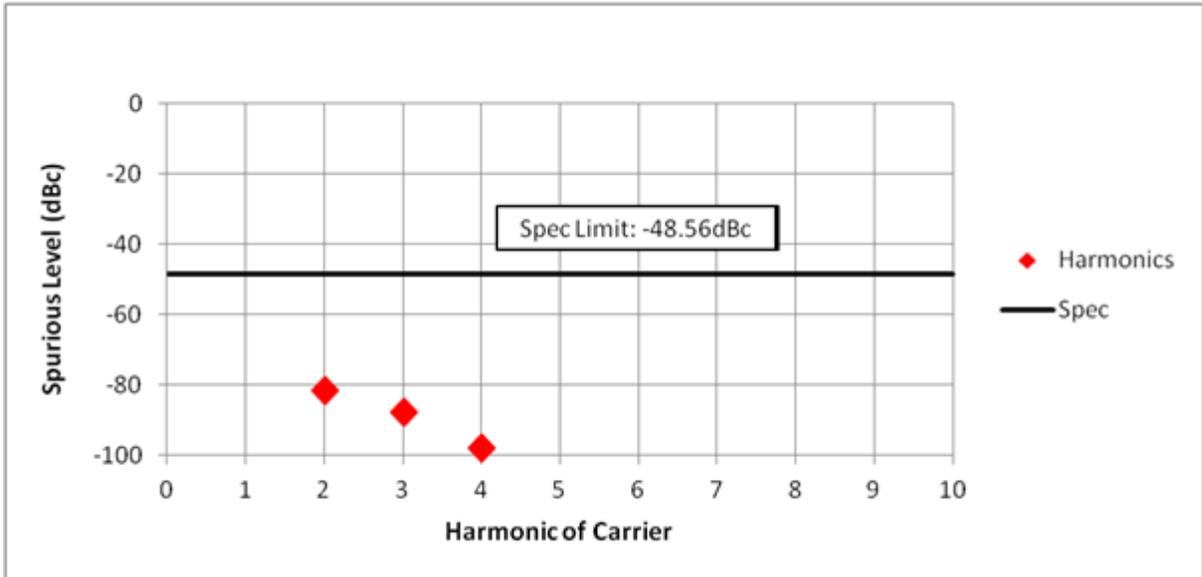


Exhibit 6G-13

Freq: 814.9875 MHz, Power: 3.6 Watts (channel spacing 25kHz)

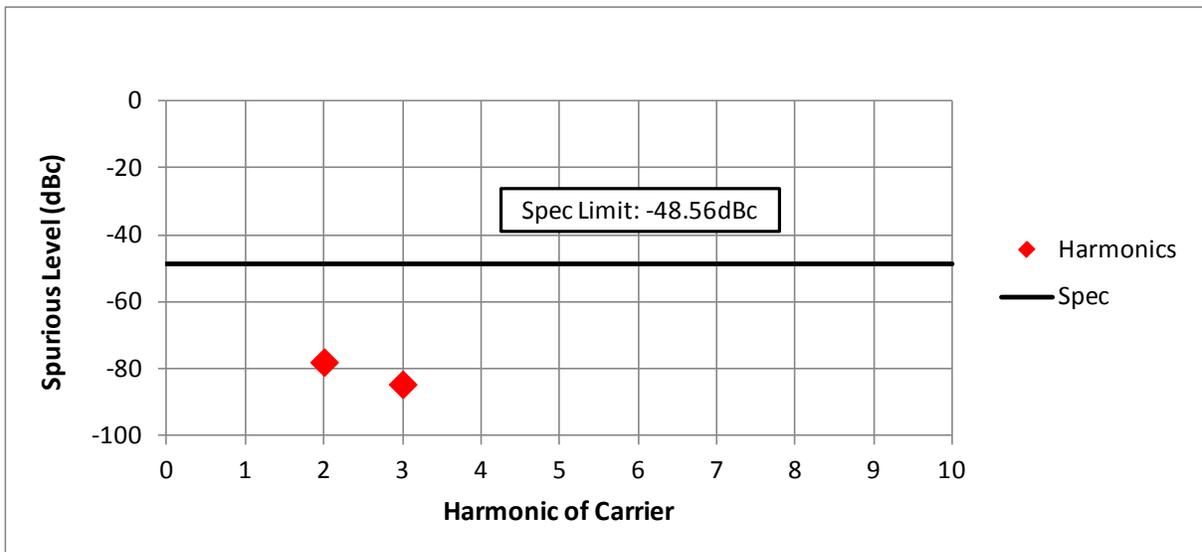


Exhibit 6G-14

Freq: 823.9875 MHz, Power: 3.6 Watts (channel spacing 25kHz)

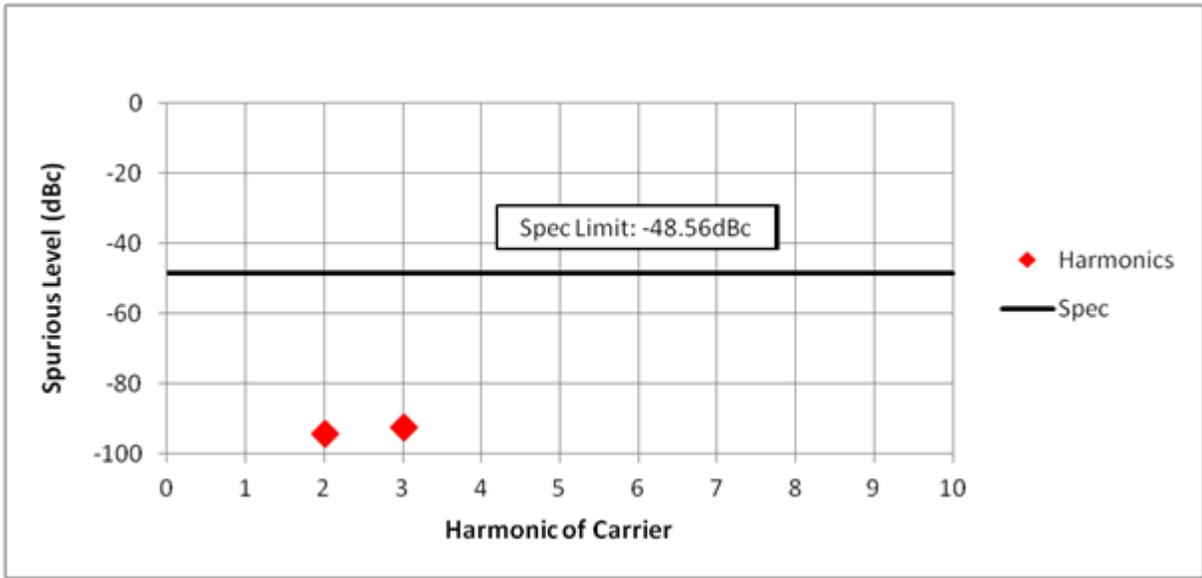


Exhibit 6G-15

Freq: 851.0125 MHz, Power: 3.6 Watts (channel spacing 25kHz)

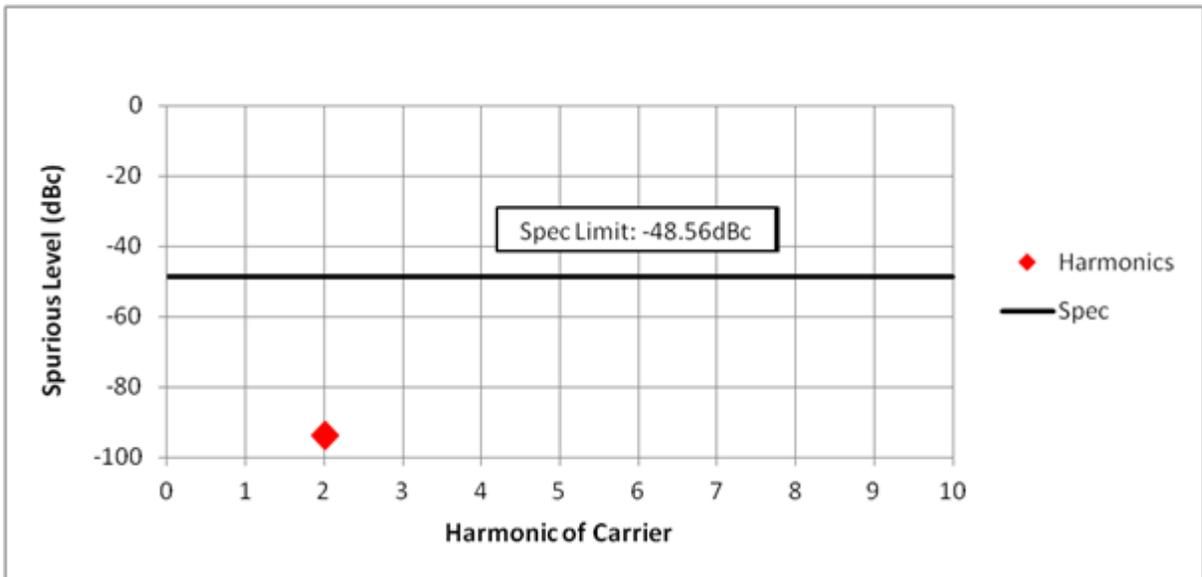


Exhibit 6G-16

Freq: 860.0125 MHz, Power: 3.6 Watts (channel spacing 25kHz)

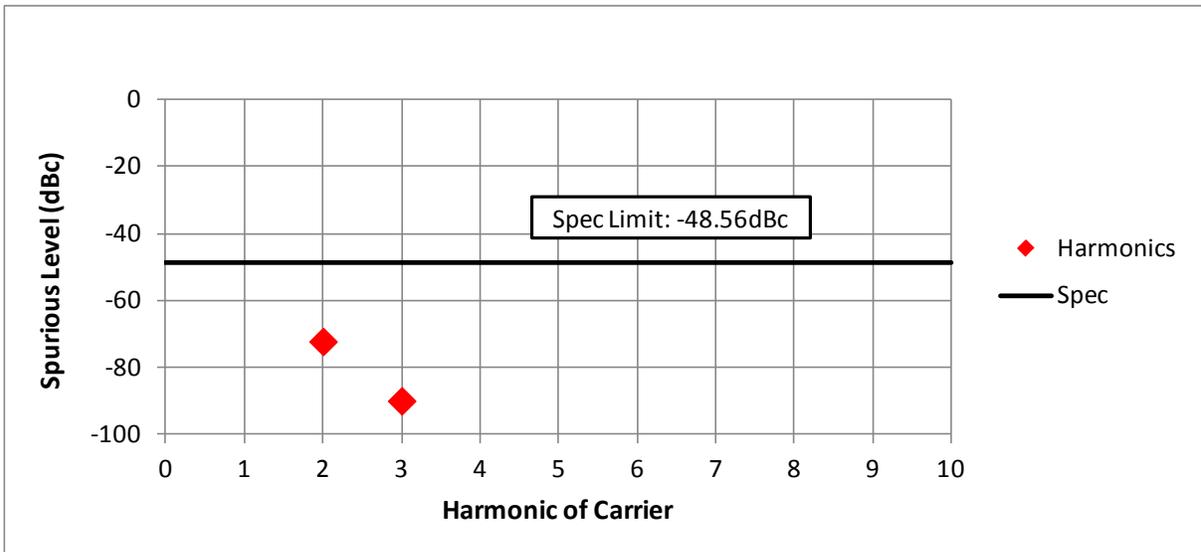


Exhibit 6G-17

Freq: 868.9875 MHz, Power: 3.6 Watts (channel spacing 25kHz)

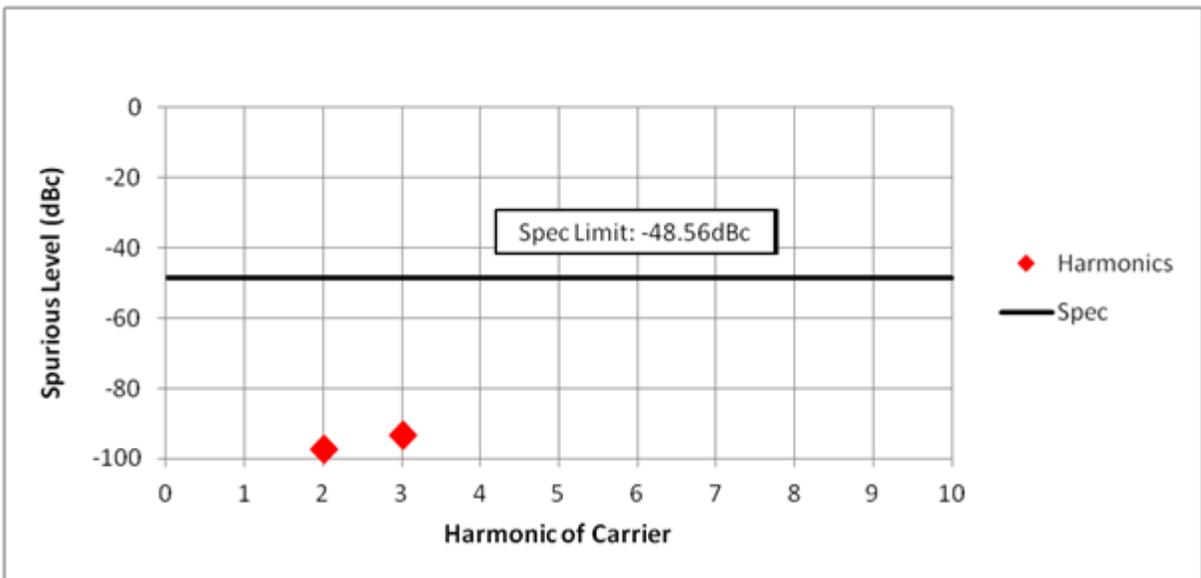


Exhibit 6G-14

EXHIBIT 6H

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

Frequency Stability (823.9875 MHz) vs. Supply Voltage

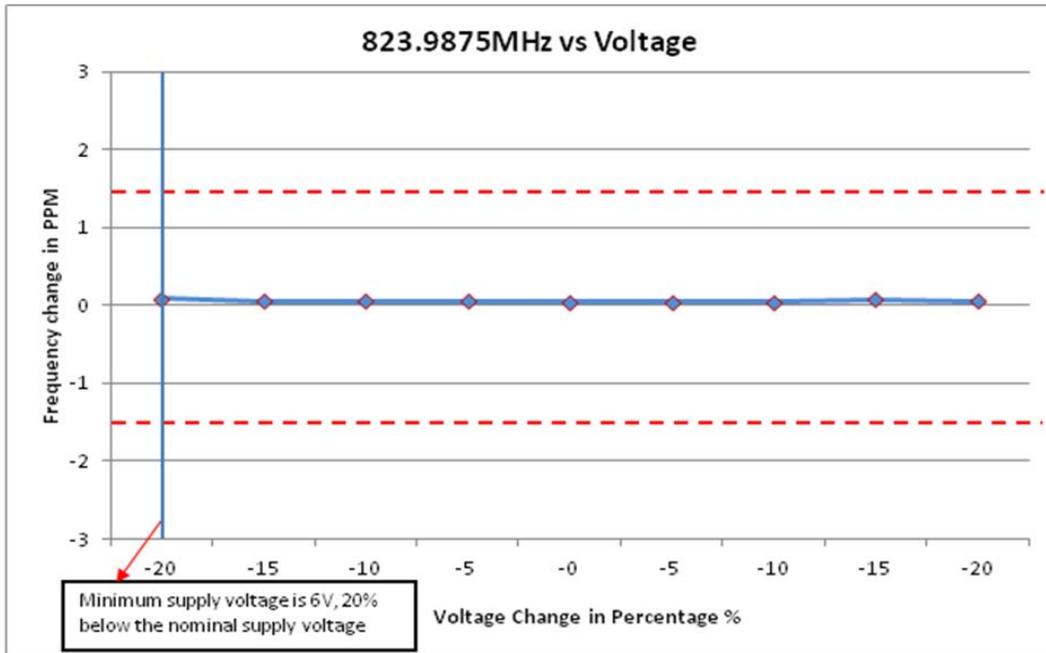


Exhibit 6H-1

Frequency Stability (851.0125 MHz) vs. Supply Voltage

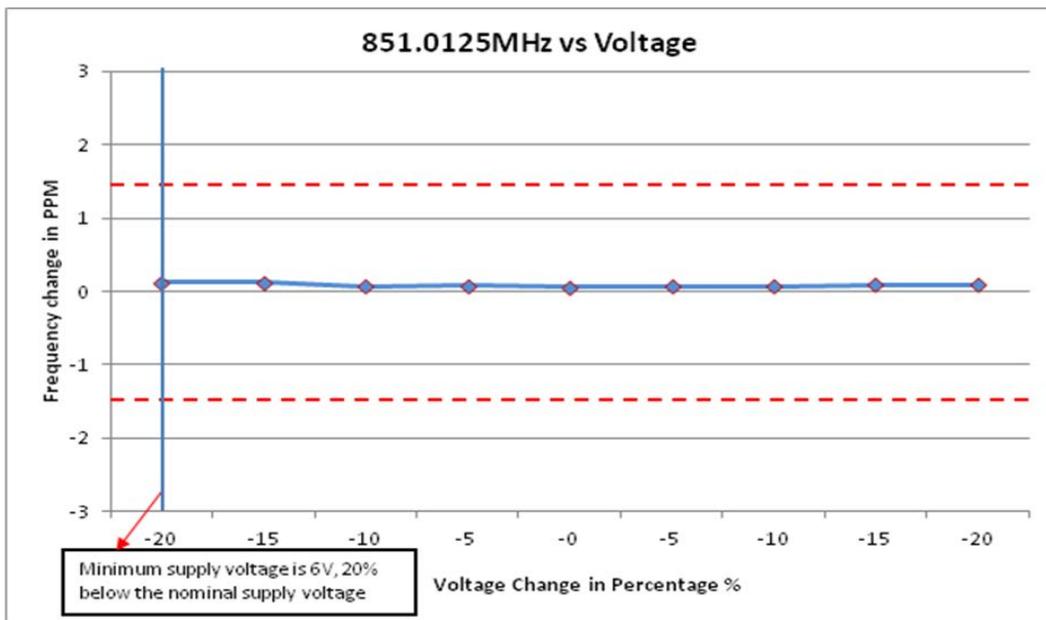


Exhibit 6H-2

Frequency Stability (896.9875 MHz) vs. Supply Voltage

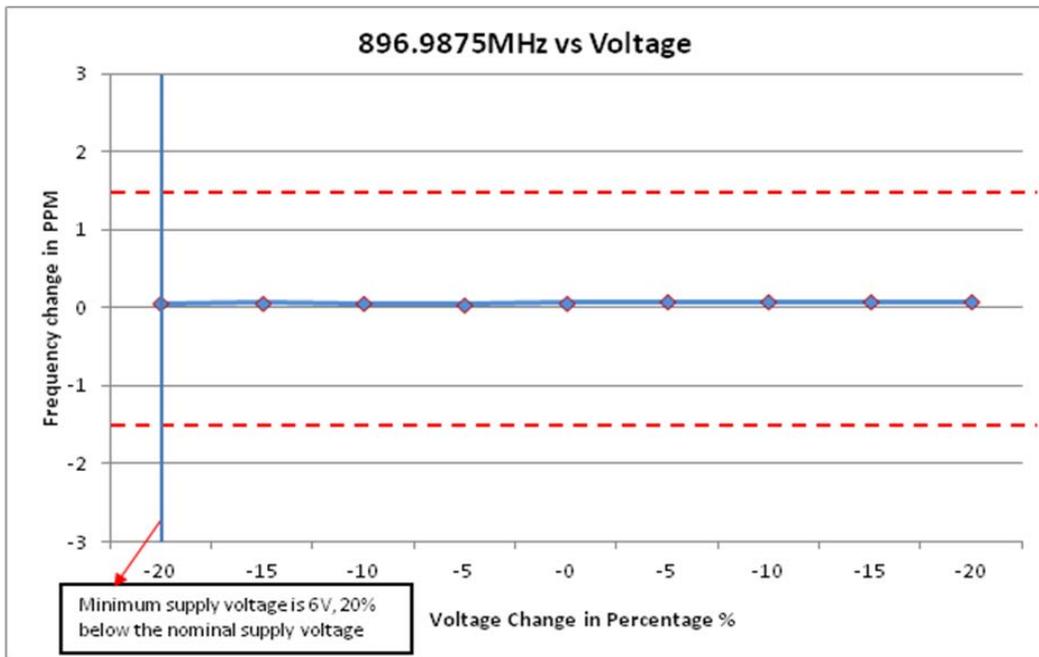


Exhibit 6H-3

Frequency Stability (901.9875 MHz) vs. Supply Voltage (Part 24)

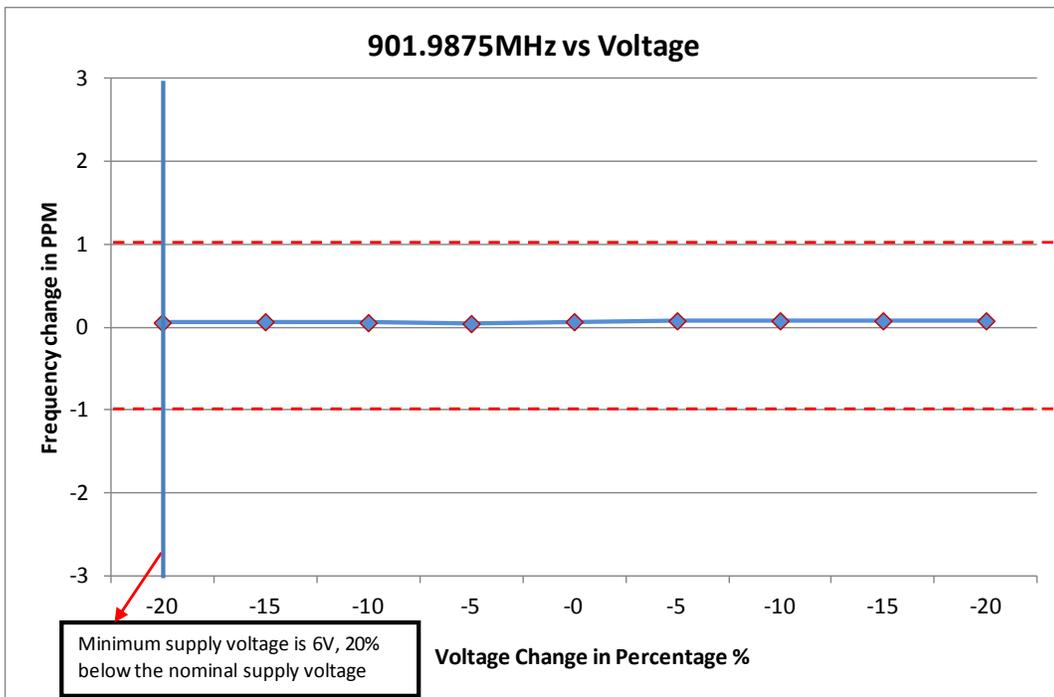


Exhibit 6H-4

Frequency Stability (935.0125 MHz) vs. Supply Voltage

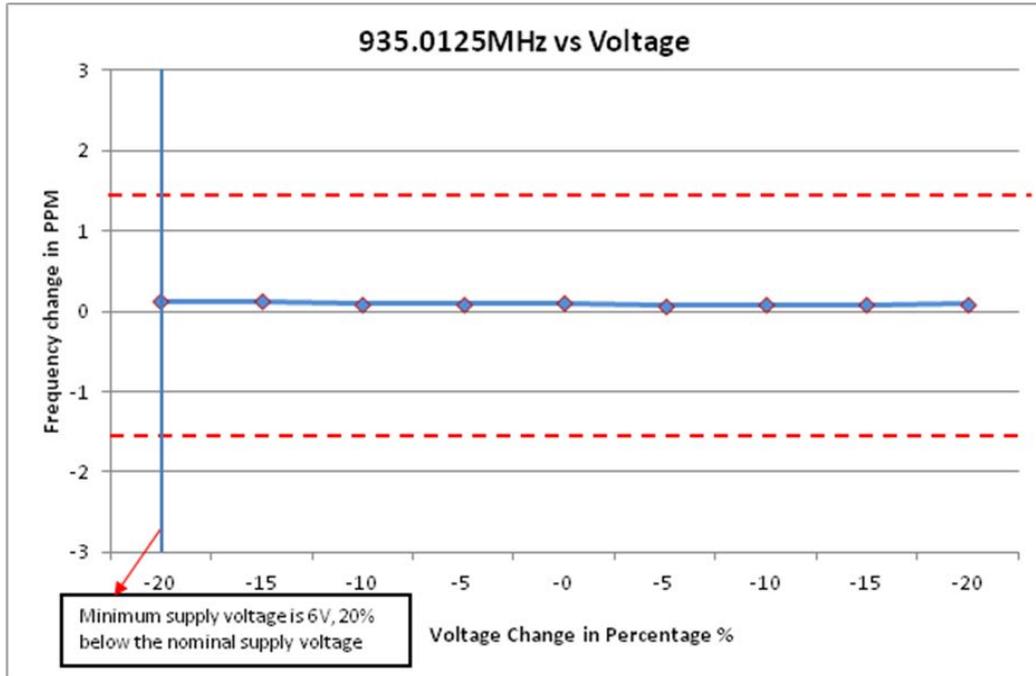


Exhibit 6H-5

Frequency Stability (940.9875 MHz) vs. Supply Voltage (Part 24)

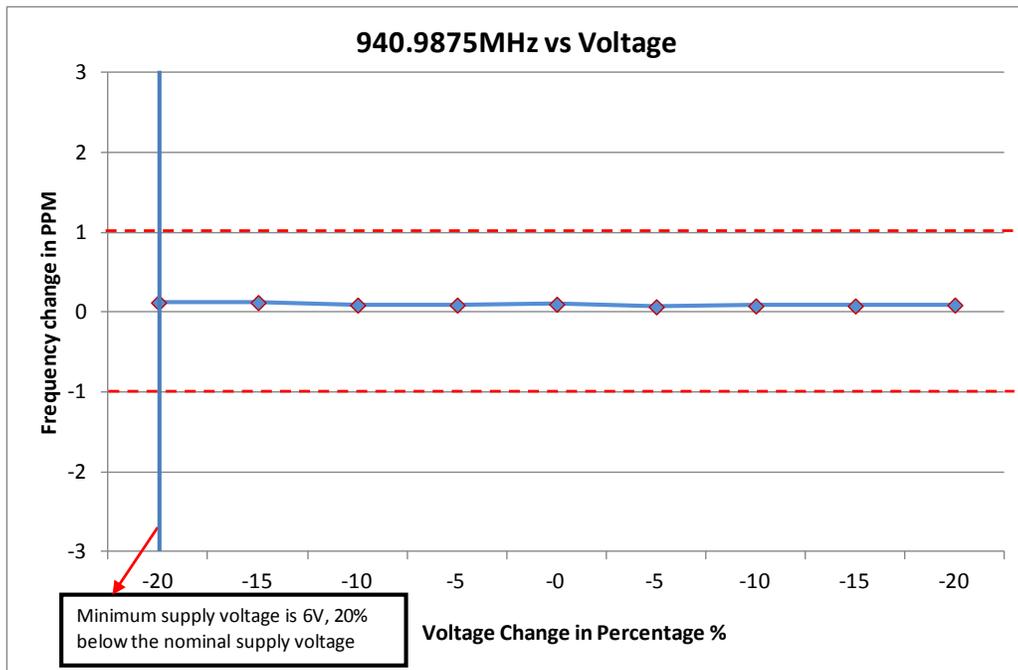


Exhibit 6H-6

Frequency Stability (823.9875 MHz) vs. Temperature

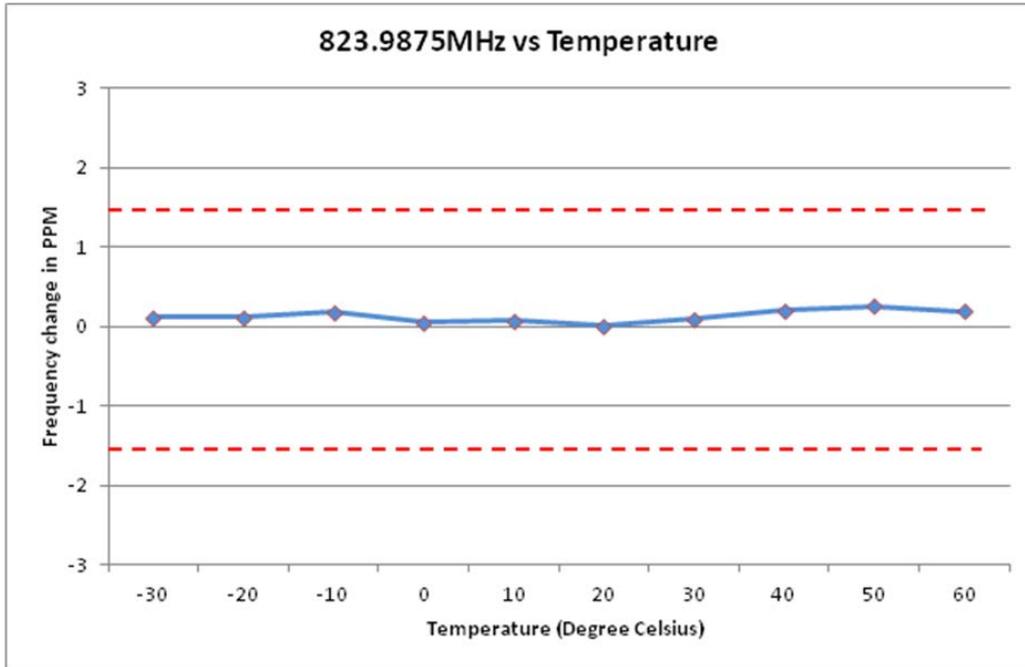


Exhibit 6H-7

Frequency Stability (851.0125 MHz) vs. Temperature

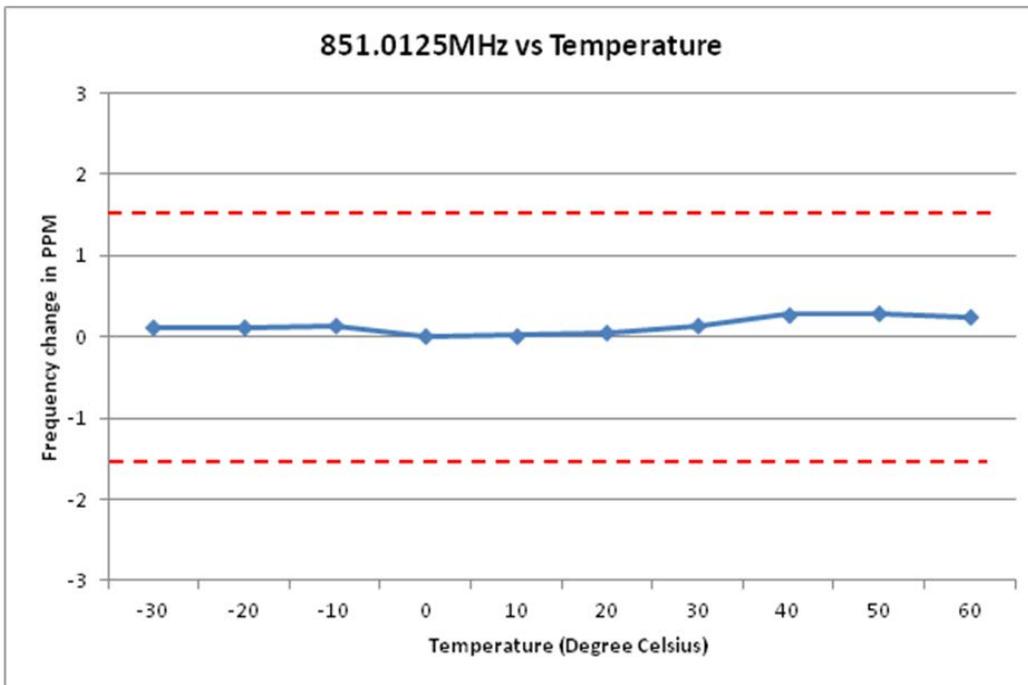


Exhibit 6H-8

Frequency Stability (896.9875 MHz) vs. Temperature

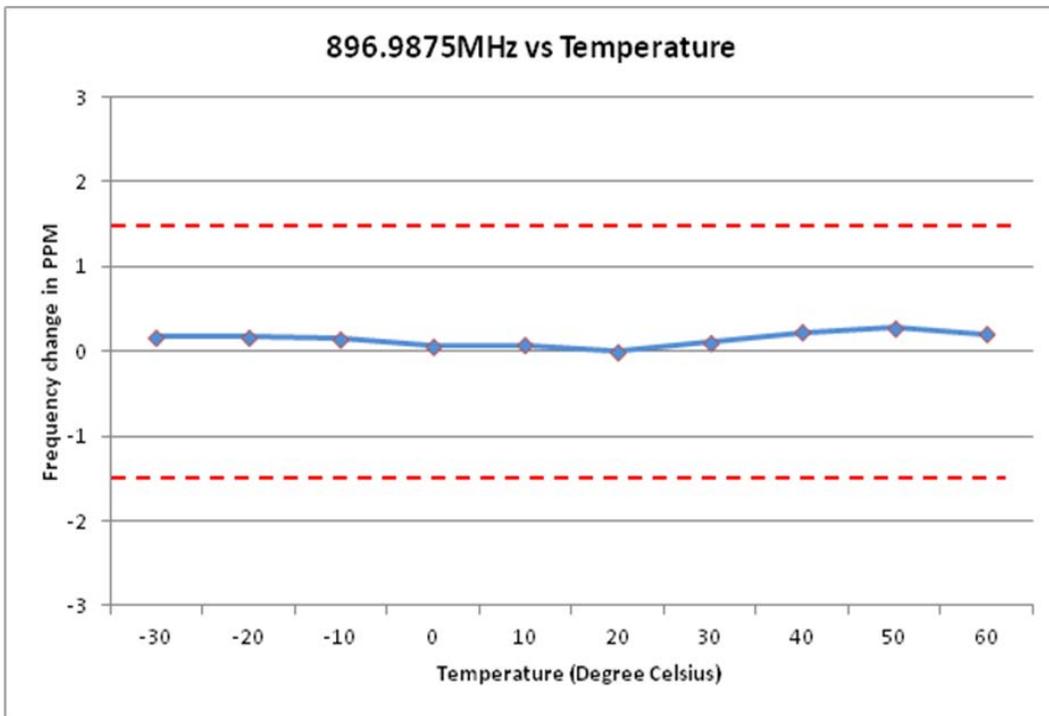


Exhibit 6H-9

Frequency Stability (901.9875 MHz) vs. Temperature (Part 24)

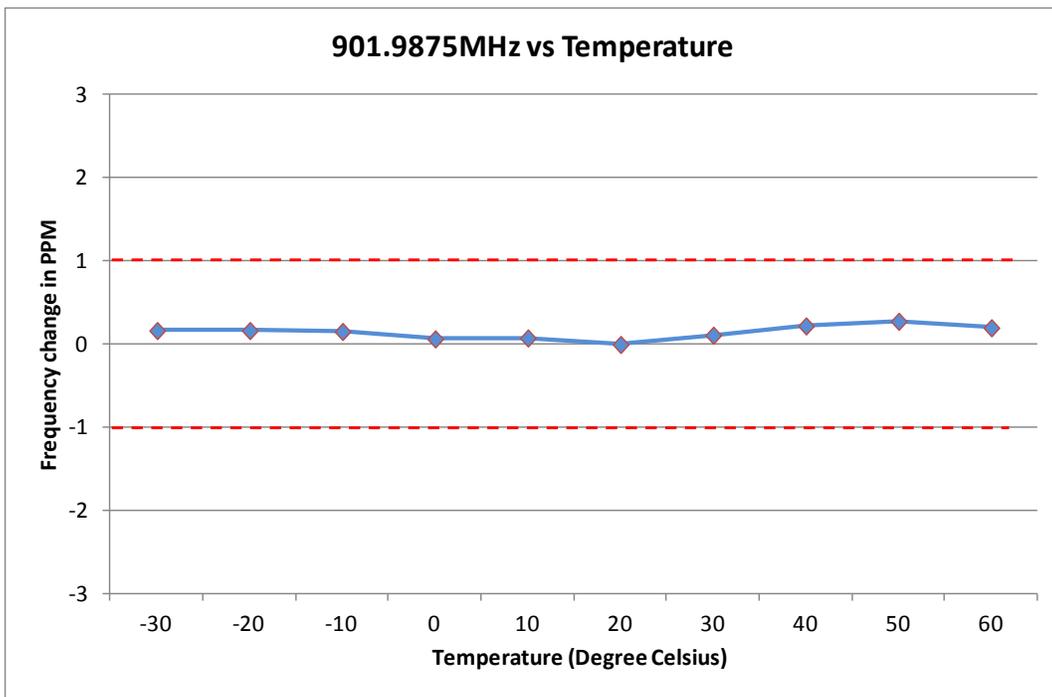


Exhibit 6H-10

Frequency Stability (935.0125 MHz) vs. Temperature

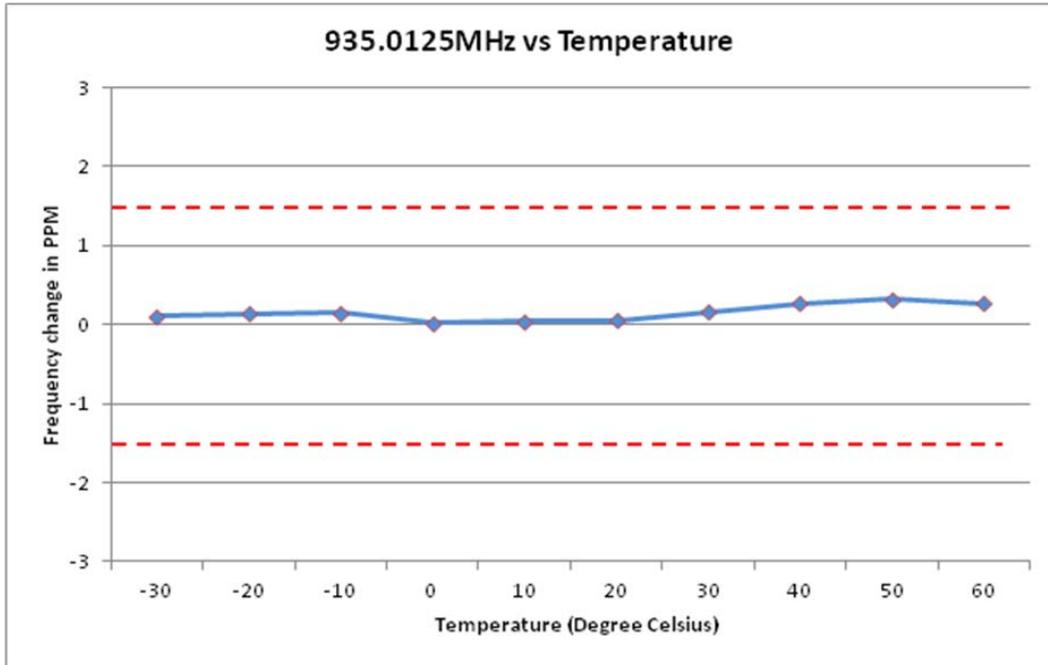


Exhibit 6H-11

Frequency Stability (940.9875 MHz) vs. Temperature (Part 24)

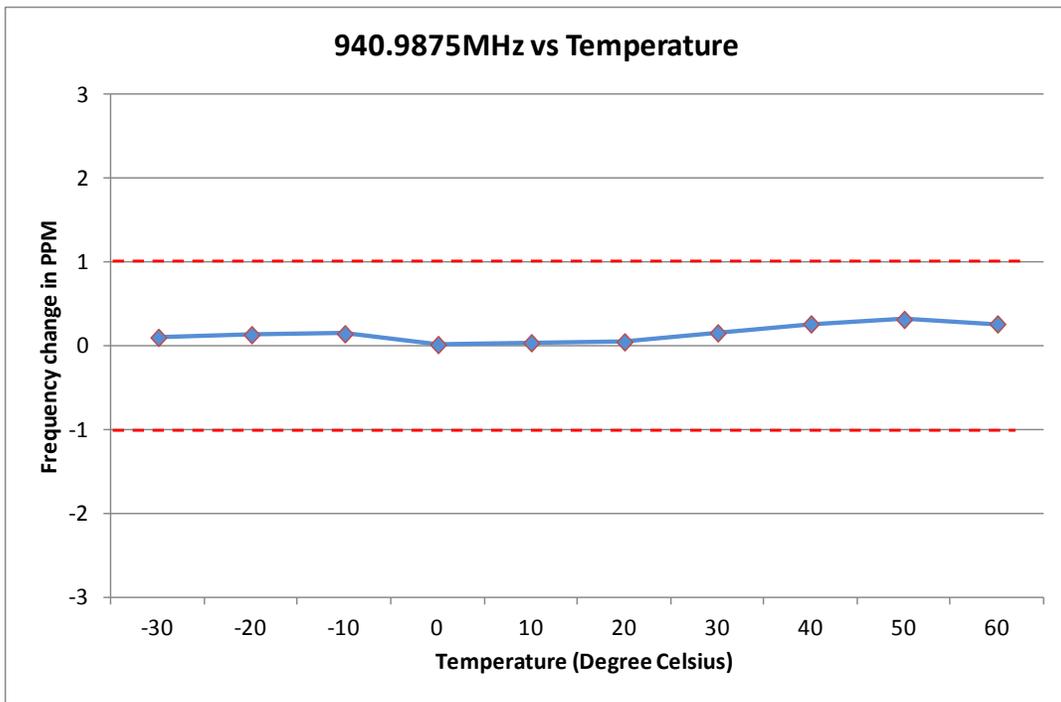


Exhibit 6H-12