

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 –769.0875 MHz, 12.5 kHz Channel Spacing
6B-2 –823.9875 MHz, 12.5 kHz Channel Spacing
6B-3 –769.0875 MHz, 25 kHz Channel Spacing
6B-4 –823.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6C – Audio Low Pass Filter Response

6C-1 –769.0875 MHz, 12.5 kHz Channel Spacing
6C-2 –823.9875 MHz, 12.5 kHz Channel Spacing
6C-3 –769.0875 MHz, 25 kHz Channel Spacing
6C-4 –823.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6D – Modulation Limiting

6D-1 –769.0875 MHz, 12.5 kHz Channel Spacing
6D-2 –823.9875 MHz, 12.5 kHz Channel Spacing
6D-3 –769.0875 MHz, 25 kHz Channel Spacing
6D-4 –823.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6E – Occupied Bandwidth

6E-1 –806.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B (Not for FCC review)
6E-2 –814.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B
6E-3 –823.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B
6E-4 –851.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B (Not for FCC review)
6E-5 –860.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B
6E-6 –868.8875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask B
6E-7 –806.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D
6E-8 –814.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D
6E-9 –823.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D
6E-10 –851.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D
6E-11 –860.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D
6E-12 –868.8875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask D
6E-13 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D
6E-14 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D
6E-15 –823.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D
6E-16 –851.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D
6E-17 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D
6E-18 –868.8875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask D
6E-19 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D
6E-20 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D
6E-21 –823.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D
6E-22 –851.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D
6E-23 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D
6E-24 –868.8875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask D
6E-25 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask D
6E-26 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask D
6E-27 –823.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask D
6E-28 –851.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask D
6E-29 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask D
6E-30 –868.8875 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask D
6E-31 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D
6E-32 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D
6E-33 –823.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D
6E-34 –851.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D

6E-35 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D
 6E-36 –868.8875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask D
 6E-37 –806.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask G (Not for FCC review)
 6E-38 –814.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask G
 6E-39 –823.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask G
 6E-40 –851.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask G (Not for FCC review)
 6E-41 –860.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask G
 6E-42 –868.8875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask G
 6E-43 –806.0125 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask B (Not for FCC review)
 6E-44 –814.9875 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask B
 6E-45 –823.9875 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask B
 6E-46 –851.0125 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask B (Not for FCC review)
 6E-47 –860.0125 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask B
 6E-48 –868.8875 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask B
 6E-49 –806.0125 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask G (Not for FCC review)
 6E-50 –814.9875 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask G
 6E-51 –823.9875 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask G
 6E-52 –851.0125 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask G (Not for FCC review)
 6E-53 –860.0125 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask G
 6E-54 –868.8875 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask G
 6E-55 –806.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 20K0F3E Mask H (Not for IC review)
 6E-56 –853.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 20K0F3E Mask H (Not for IC review)
 6E-57 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask H (Not for IC review)
 6E-58 –853.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask H (Not for IC review)
 6E-59 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask H (Not for IC review)
 6E-60 –853.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask H (Not for IC review)
 6E-61 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask H (Not for IC review)
 6E-62 –853.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask H (Not for IC review)
 6E-63 –806.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask H (Not for IC review)
 6E-64 –853.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask H (Not for IC review)
 6E-65 –814.9875 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask 90.691 (Not for IC review)
 6E-66 –860.0125 MHz, 25 kHz Channel Spacing (Analog Voice), 16K0F3E Mask 90.691 (Not for IC review)
 6E-67 –814.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask 90.691 (Not for IC review)
 6E-68 –860.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice), 11K0F3E Mask 90.691 (Not for IC review)
 6E-69 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask 90.691 (Not for IC review)
 6E-70 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Data), 8K10F1D Mask 90.691 (Not for IC review)
 6E-71 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask 90.691 (Not for IC review)
 6E-72 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice), 8K10F1E Mask 90.691 (Not for IC review)
 6E-73 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask 90.691 (Not for IC review)
 6E-74 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA), 8K10F1W Mask 90.691 (Not for IC review)
 6E-75 –814.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask 90.691 (Not for IC review)
 6E-76 –860.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption), 8K10F1E Mask 90.691 (Not for IC review)
 6E-77 –814.9875 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask 90.691 (Not for IC review)
 6E-78 –860.0125 MHz, 20 kHz Channel Spacing (Analog Voice Encryption), 20K0F1E Mask 90.691 (Not for IC review)

EXHIBIT 6F – Adjacent Channel Power

6F-1 – 769.0875 MHz, 12.5kHz Channel Spacing (Analog Voice), 11K0F3E
 6F-2 – 774.8875 MHz, 12.5kHz Channel Spacing (Analog Voice), 11K0F3E
 6F-3 – 799.0875 MHz, 12.5kHz Channel Spacing (Analog Voice), 11K0F3E
 6F-4 – 804.9125 MHz, 12.5kHz Channel Spacing (Analog Voice), 11K0F3E
 6F-5 – 769.0875 MHz, 25kHz Channel Spacing (Analog Voice), 16K0F3E
 6F-6 – 774.8875 MHz, 25kHz Channel Spacing (Analog Voice), 16K0F3E
 6F-7 – 799.0875 MHz, 25kHz Channel Spacing (Analog Voice), 16K0F3E
 6F-8 – 804.9125 MHz, 25kHz Channel Spacing (Analog Voice), 16K0F3E
 6F-9 – 769.0875 MHz, 20kHz Channel Spacing (Analog Voice Encryption), 20K0F1E
 6F-10 – 774.8875 MHz, 20kHz Channel Spacing (Analog Voice Encryption), 20K0F1E
 6F-11 – 799.0875 MHz, 20kHz Channel Spacing (Analog Voice Encryption), 20K0F1E
 6F-12 – 804.9125 MHz, 20kHz Channel Spacing (Analog Voice Encryption), 20K0F1E
 6F-13 – 769.0875 MHz, 12.5kHz Channel Spacing (Digital Voice), 8K10F1E
 6F-14 – 774.8875 MHz, 12.5kHz Channel Spacing (Digital Voice), 8K10F1E
 6F-15 – 799.0875 MHz, 12.5kHz Channel Spacing (Digital Voice), 8K10F1E
 6F-16 – 804.9125 MHz, 12.5kHz Channel Spacing (Digital Voice), 8K10F1E
 6F-17 – 769.0875 MHz, 12.5kHz Channel Spacing (Digital Data), 8K10F1D
 6F-18 – 774.8875 MHz, 12.5kHz Channel Spacing (Digital Data), 8K10F1D

6F-19 – 799.0875 MHz, 12.5kHz Channel Spacing (Digital Data), 8K10F1D
 6F-20 – 804.9125 MHz, 12.5kHz Channel Spacing (Digital Data), 8K10F1D
 6F-21 – 769.0875 MHz, 12.5kHz Channel Spacing (Digital TDMA), 8K10F1W
 6F-22 – 774.8875 MHz, 12.5kHz Channel Spacing (Digital TDMA), 8K10F1W
 6F-23 – 799.0875 MHz, 12.5kHz Channel Spacing (Digital TDMA), 8K10F1W
 6F-24 – 804.9125 MHz, 12.5kHz Channel Spacing (Digital TDMA), 8K10F1W
 6F-25 – 769.0875 MHz, 12.5kHz Channel Spacing (Digital Voice Encryption), 8K10F1E
 6F-26 – 774.8875 MHz, 12.5kHz Channel Spacing (Digital Voice Encryption), 8K10F1E
 6F-27 – 799.0875 MHz, 12.5kHz Channel Spacing (Digital Voice Encryption), 8K10F1E
 6F-28 – 804.9125 MHz, 12.5kHz Channel Spacing (Digital Voice Encryption), 8K10F1E

EXHIBIT 6G – Conducted Spurious Emissions

6G-1 – 2.95 W Harmonic of Carrier 764.0125 MHz, 12.5 kHz Channel Spacing (Analog Mode) (Not for FCC/IC review)
 6G-2 – 2 W Harmonic of Carrier 769.0125 MHz, 12.5 kHz Channel Spacing (Analog Mode)
 6G-3 – 2.95 W Harmonic of Carrier 769.0875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
 6G-4 – 2.95 W Harmonic of Carrier 774.8875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
 6G-5 – 2.95 W Harmonic of Carrier 799.0875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
 6G-6 – 2.95 W Harmonic of Carrier 804.9125 MHz, 12.5 kHz Channel Spacing (Analog Mode)
 6G-7 – 3.6 W Harmonic of Carrier 806.0125 MHz, 25 kHz Channel Spacing (Analog Mode) (Not for FCC review)
 6G-8 – 3.6 W Harmonic of Carrier 814.9875 MHz, 25 kHz Channel Spacing (Analog Mode)
 6G-9 – 3.6 W Harmonic of Carrier 823.9875 MHz, 25 kHz Channel Spacing (Analog Mode)
 6G-10 – 3.6 W Harmonic of Carrier 851.0125 MHz, 25 kHz Channel Spacing (Analog Mode) (Not for FCC review)
 6G-11 – 3.6 W Harmonic of Carrier 860.0125 MHz, 25 kHz Channel Spacing (Analog Mode)
 6G-12 – 3.6 W Harmonic of Carrier 868.8875 MHz, 25 kHz Channel Spacing (Analog Mode)
 6G-13 – 2.95 W Harmonic of Carrier 764.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode) (Not for FCC/IC review)
 6G-14 – 2 W Harmonic of Carrier 769.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-15 – 2.95 W Harmonic of Carrier 769.0875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-16 – 2.95 W Harmonic of Carrier 774.8875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-17 – 2.95 W Harmonic of Carrier 799.0875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-18 – 2.95 W Harmonic of Carrier 804.9125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-19 – 3.6 W Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-20 – 3.6 W Harmonic of Carrier 814.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-21 – 3.6 W Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-22 – 3.6 W Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-23 – 3.6 W Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-24 – 3.6 W Harmonic of Carrier 868.8875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
 6G-25 – 2.95 W Harmonic of Carrier 764.0125 MHz, 12.5 kHz Channel Spacing (Phase II Mode) (Not for FCC/IC review)
 6G-26 – 2 W Harmonic of Carrier 769.0125 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-27 – 2.95 W Harmonic of Carrier 769.0875 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-28 – 2.95 W Harmonic of Carrier 774.8875 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-29 – 2.95 W Harmonic of Carrier 799.0875 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-30 – 2.95 W Harmonic of Carrier 804.9125 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-31 – 3.6 W Harmonic of Carrier 806.0125 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-32 – 3.6 W Harmonic of Carrier 814.9875 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-33 – 3.6 W Harmonic of Carrier 823.9875 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-34 – 3.6 W Harmonic of Carrier 851.0125 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-35 – 3.6 W Harmonic of Carrier 860.0125 MHz, 12.5 kHz Channel Spacing (Phase II Mode)
 6G-36 – 3.6 W Harmonic of Carrier 868.8875 MHz, 12.5 kHz Channel Spacing (Phase II Mode)

EXHIBIT 6H – Radiated Spurious Emissions

For 700MHz, refer to exhibit

- 89FT7086_ex06_LMR_Analog_700_TX
- 89FT7086_ex06_LMR_Analog_700_TX_IC
- 89FT7086_ex06_LMR_APCO_Digital_700_TX
- 89FT7086_ex06_LMR_APCO_Digital_700_TX_IC
- 89FT7086_ex06_LMR_Phase_II_700_TX
- 89FT7086_ex06_LMR_Phase_II_700_TX_IC

For 800MHz, refer to exhibit

- 89FT7086_ex06_LMR_Analog_800_TX
- 89FT7086_ex06_LMR_Analog_800_TX_IC
- 89FT7086_ex06_LMR_APCO_Digital_800_TX
- 89FT7086_ex06_LMR_APCO_Digital_800_TX_IC
- 89FT7086_ex06_LMR_Phase_II_800_TX
- 89FT7086_ex06_LMR_Phase_II_800_TX_IC

* Note:

1) Freq points 764.0125 MHz is not for FCC/IC review

2) Freq points 806.0125 MHz and 851.0125MHz at 25 kHz channel spacing is not for FCC review

EXHIBIT 6I – Frequency Stability

- 6I-1– 1.5 ppm Frequency Stability vs. Temperature (769.0875 MHz)
- 6I-2– 1.5 ppm Frequency Stability vs. Temperature (823.9875 MHz)
- 6I-3– 1.5 ppm Frequency Stability vs. Supply Voltage (769.0875 MHz)
- 6I-4– 1.5 ppm Frequency Stability vs. Supply Voltage (823.0875 MHz)

EXHIBIT 6J – 1559-1610MHz Radiated Emissions (GNSS)

** Please note that the above data were taken following the procedures and limits outlined in TIA 603-D, ANSI C63.4:2014, ANSI C63.26:2015 and RSS 119 during the month of May 2016. See Table 2 in Ex07_test procedures.

Radio model tested: H98UCH9PW7AN

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

EXHIBIT 6A**RF Power Output****Frequency = 764.0125 MHz (Not for FCC/IC review):**

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.40 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.15 Amps

Frequency = 768.0125 MHz (Not for FCC review):

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.39 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.27 Amps

Frequency = 769.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.39 Amps
Output RF power	2.00 Watts
DC Voltage	7.50 Volts
DC Current	1.97 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.27 Amps

Frequency = 769.0875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.39 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.27 Amps

Frequency= 774.8875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.38 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.25 Amps

Frequency= 775.9875 MHz (Not for FCC review):

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.38 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.24 Amps

Frequency= 798.0125 MHz (Not for FCC review):

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.34 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.15 Amps

Frequency= 799.0875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.33 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.15 Amps

Frequency= 804.9125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.32 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.13 Amps

Frequency= 805.9875 MHz (Not for FCC review):

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.32 Amps
Output RF power	2.95 Watts
DC Voltage	7.50 Volts
DC Current	2.13 Amps

Frequency= 806.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.32 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	2.42 Amps

Frequency= 814.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	2.41 Amps

Frequency= 823.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.30 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	2.42 Amps

Frequency= 851.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.28 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	2.48 Amps

Frequency= 860.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.27 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	2.51 Amps

Frequency= 868.8875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.27 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	2.56 Amps

EIRP APX6000 REFRESH 7800 764-870MHZ 3W 12.5 Channel Spacing
 S/N: 756TSD0458 Tx Power: 2.00 Watts
 SR ID: 05882-EMC-00002
 Antenna: PMAF4002A

Antenna Polarization	Frequency	EIRP (dBm)
Horiz.	769.0125	25.76
Vert.	769.0125	31.08

EIRP APX6000 REFRESH 7800 764-870MHZ 3W 12.5 Channel Spacing
 S/N: 756TSD0458 Tx Power: 2.95 Watts
 SR ID: 05882-EMC-00002
 Antenna: PMAF4002A

Antenna Polarization	Frequency	EIRP (dBm)
Horiz.	769.0875	26.95
Vert.	769.0875	32.27

EIRP APX6000 REFRESH 7800 764-870MHZ 3W 12.5 Channel Spacing
 S/N: 756TSD0458 Tx Power: 2.95 Watts
 SR ID: 05882-EMC-00002
 Antenna: PMAF4002A

Antenna Polarization	Frequency	EIRP (dBm)
Horiz.	799.0125	27.63
Vert.	799.0125	31.86

EIRP APX6000 REFRESH 7800 764-870MHZ 3W 12.5 Channel Spacing
 S/N: 756TSD0458 Tx Power: 2.95 Watts
 SR ID: 05882-EMC-00002
 Antenna: PMAF4002A

Antenna Polarization	Frequency	EIRP (dBm)
Horiz.	804.9125	27.52
Vert.	804.9125	33.07

EXHIBIT 6B

Transmit Audio Response

Audio Frequency Response
(Freq: 769.0875, Ch Sp: 12.5kHz)

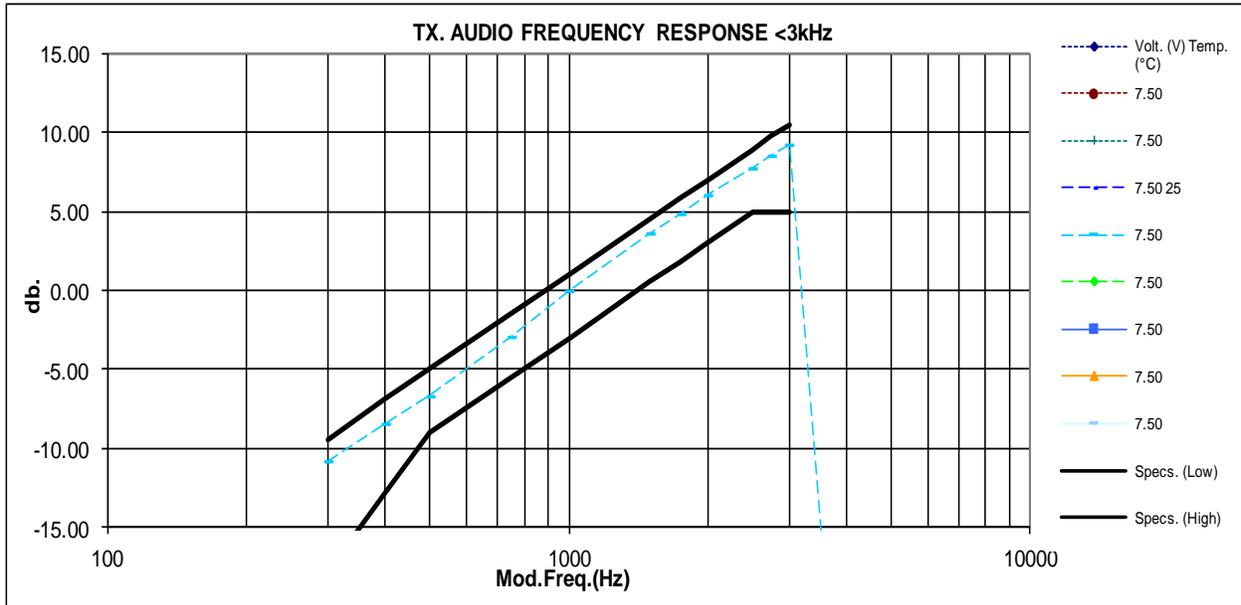


Exhibit 6B-1

Audio Frequency Response
(Freq: 823.9875, Ch Sp: 12.5kHz)

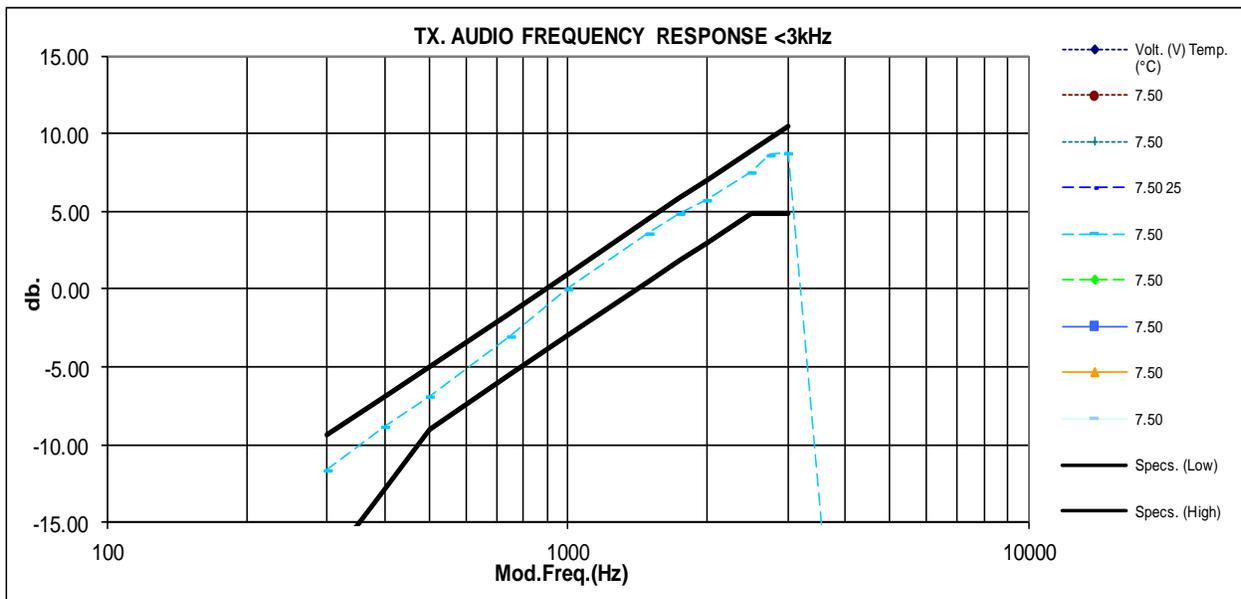


Exhibit 6B-2

Audio Frequency Response
(Freq: 769.0875, Ch Sp: 25kHz)

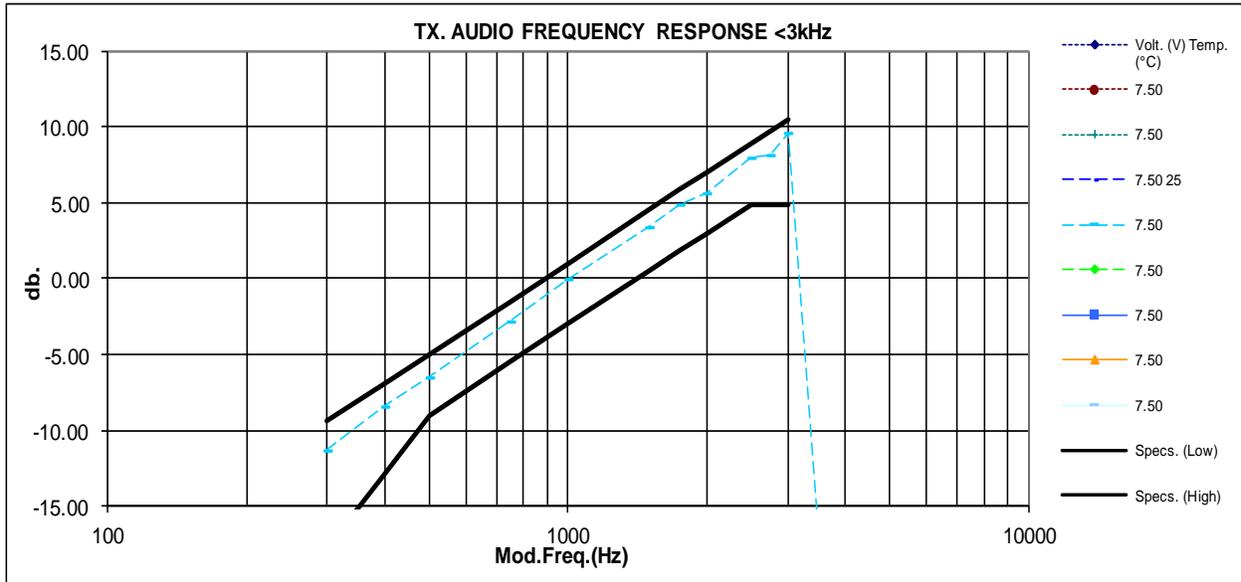


Exhibit 6B-3

Audio Frequency Response
(Freq: 823.9875, Ch Sp: 25kHz)

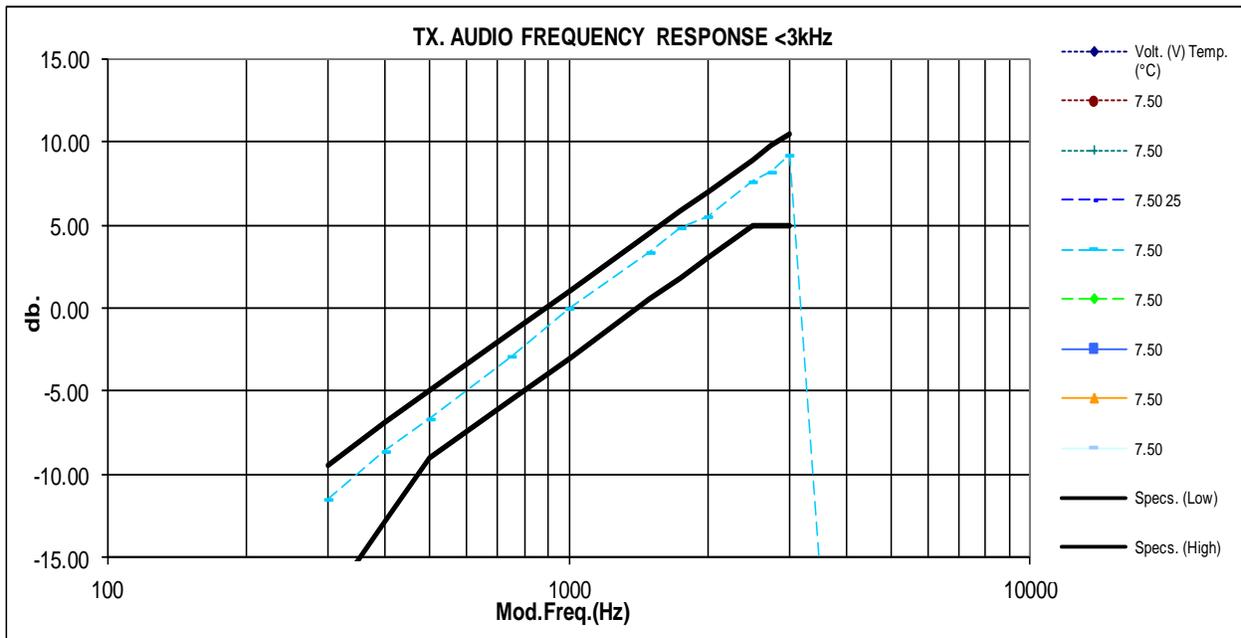


Exhibit 6B-4

EXHIBIT 6C

Audio Low Pass Filter Response

Transmit Low Pass Filter Frequency Response

(Freq: 769.0875 MHz, Ch Sp: 12.5kHz)

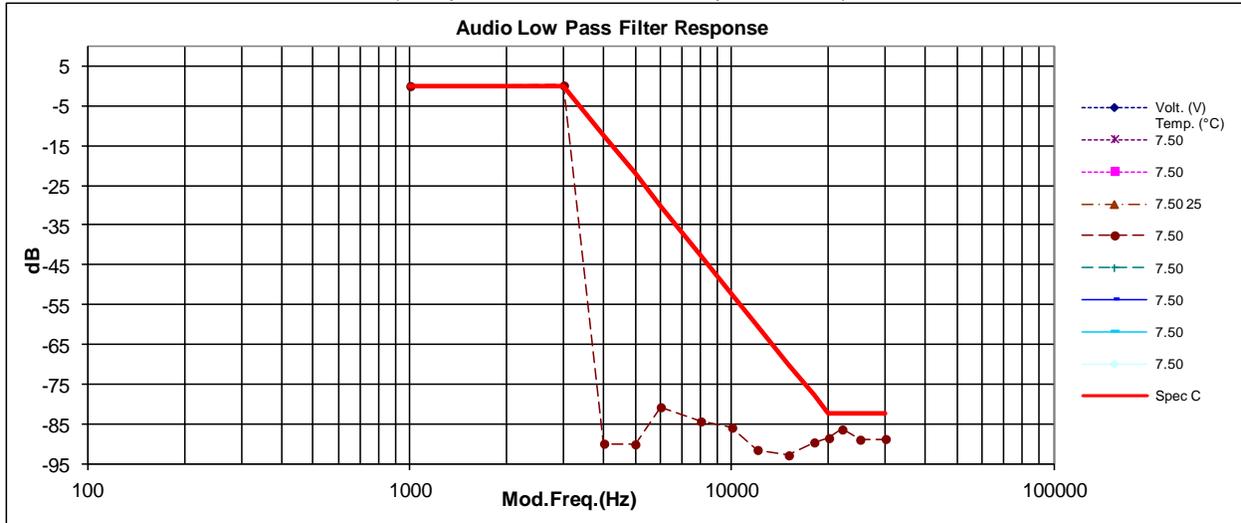


Exhibit 6C-1

Transmit Low Pass Filter Frequency Response

(Freq: 823.9875 MHz, Ch Sp: 12.5kHz)

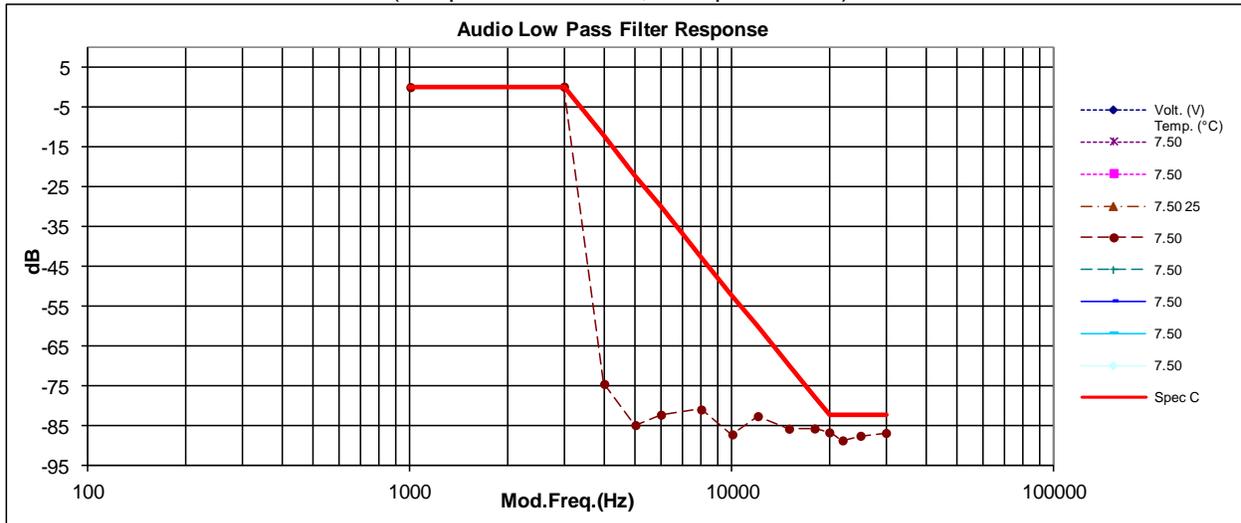


Exhibit 6C-2

Transmit Low Pass Filter Frequency Response
(Freq: 769.0875 MHz, Ch Sp: 25kHz)

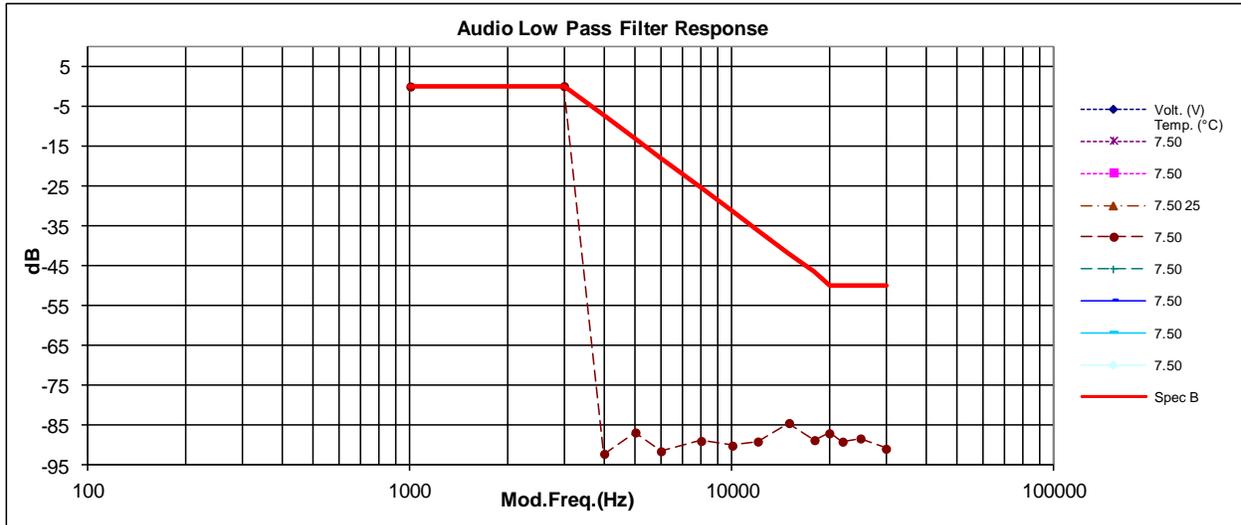


Exhibit 6C-3

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

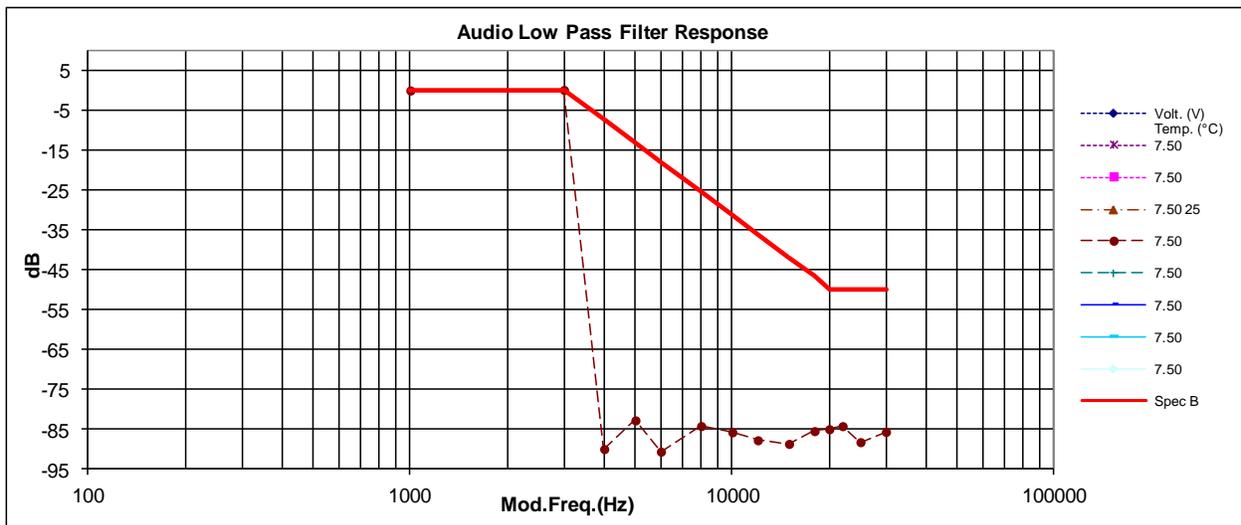


Exhibit 6C-4

EXHIBIT 6D

Modulation Limiting

Modulation Limiting (Freq: 769.0875 MHz, Ch Sp: 12.5kHz)

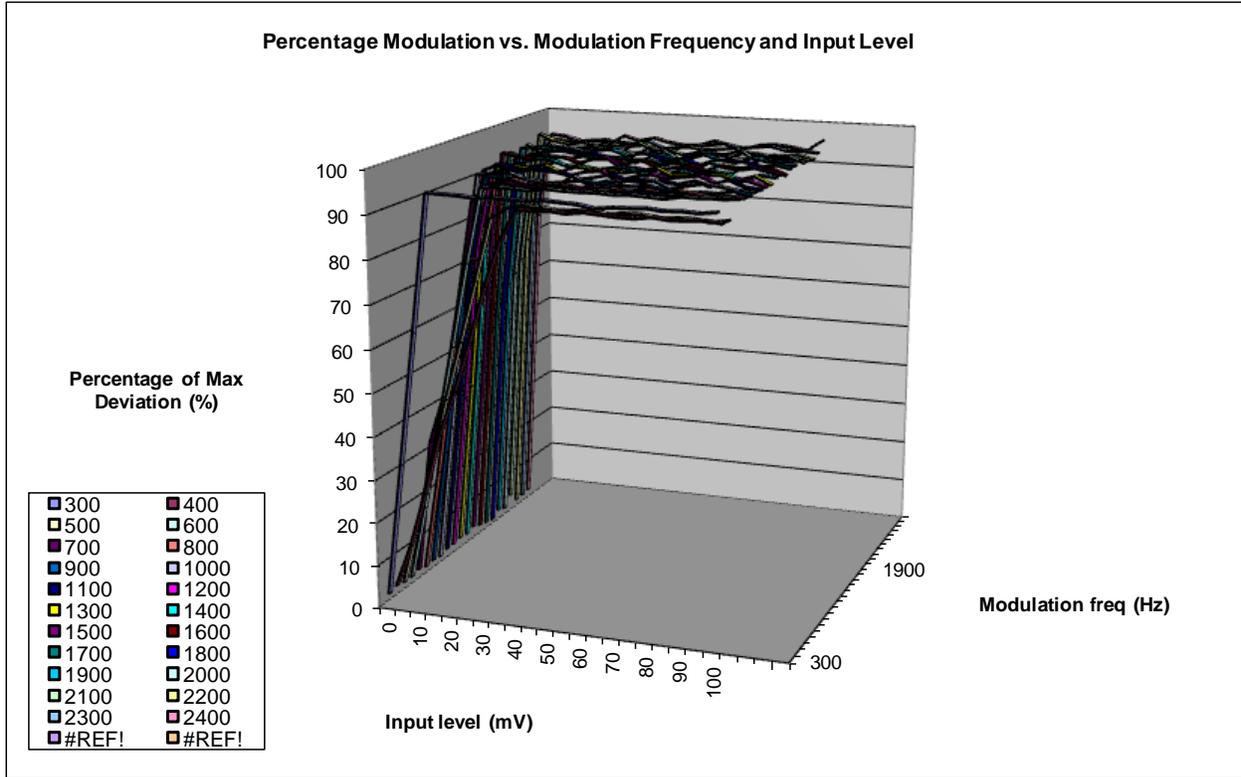


Exhibit 6D-1

Modulation Limiting (Freq: 823.9875 MHz, Ch Sp: 12.5kHz)

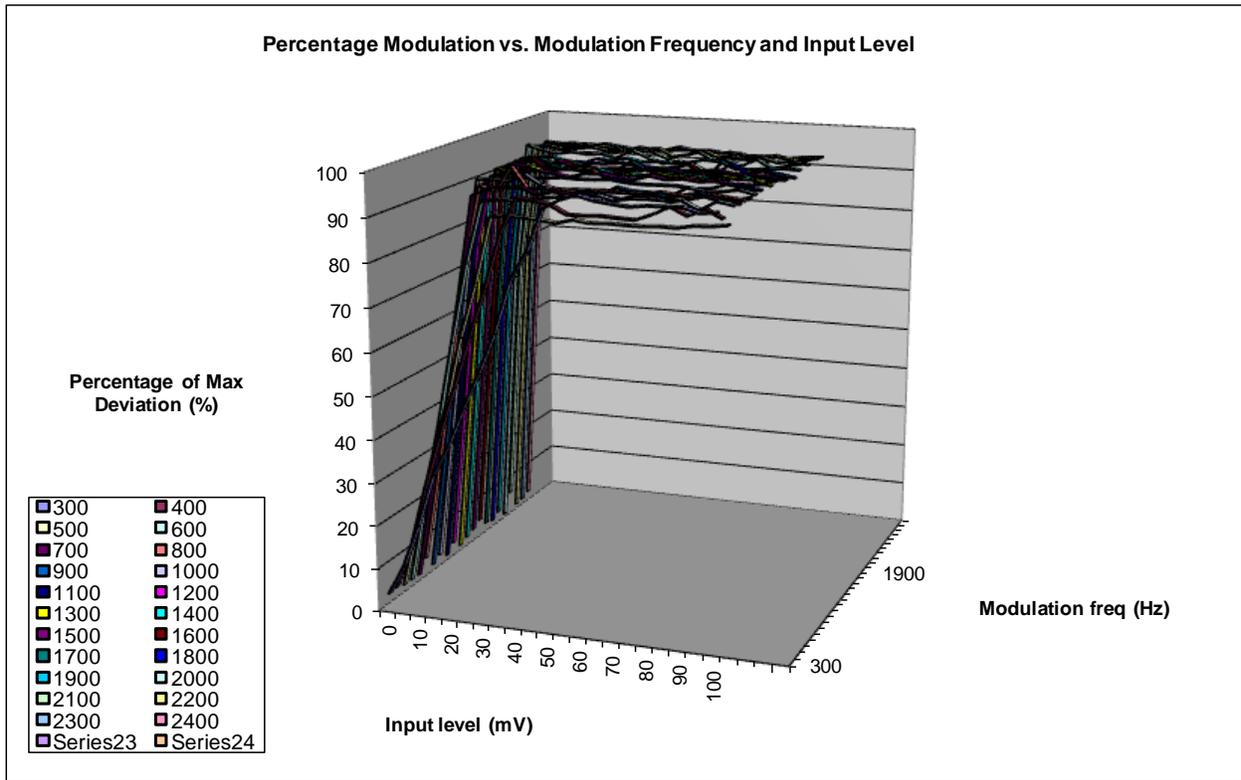


Exhibit 6D-2

Modulation Limiting (Freq: 769.0875 MHz, Ch Sp: 25kHz)

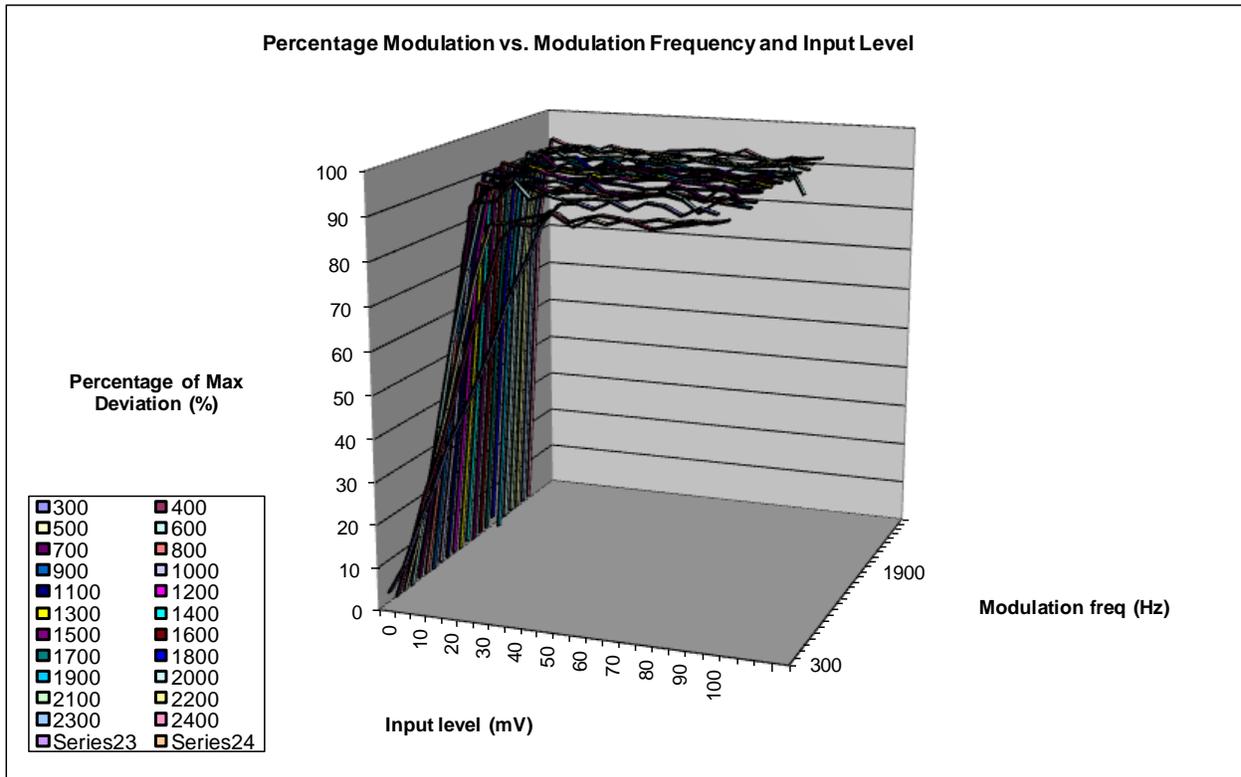


Exhibit 6D-3

Modulation Limiting (Freq: 823.9875 MHz, Ch Sp: 25kHz)

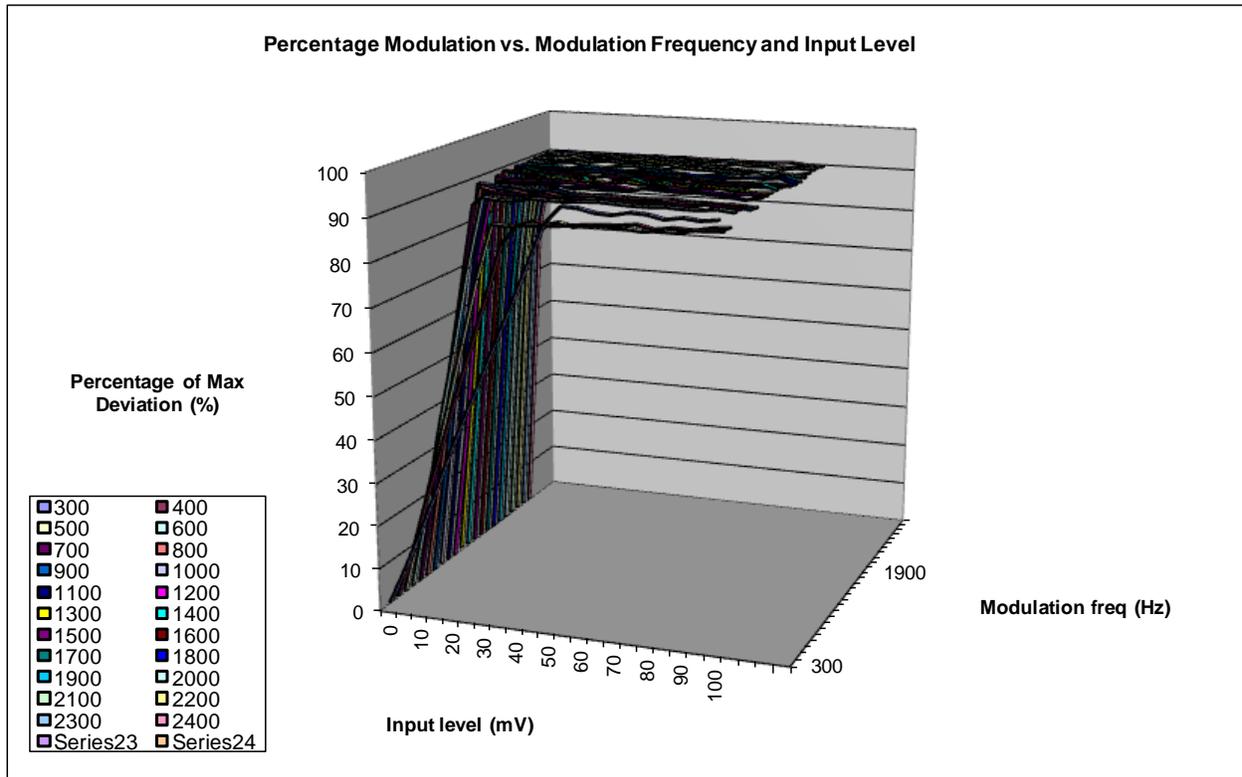


Exhibit 6D-4

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."

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.

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.

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.CAAA 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.

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.CAAA 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.

Digital (12.5 kHz Channelization, Digital Voice with Encryption):

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.CAAA 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.

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.CAAA 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.

Digital Modulation (20 kHz Channelization, Analog 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

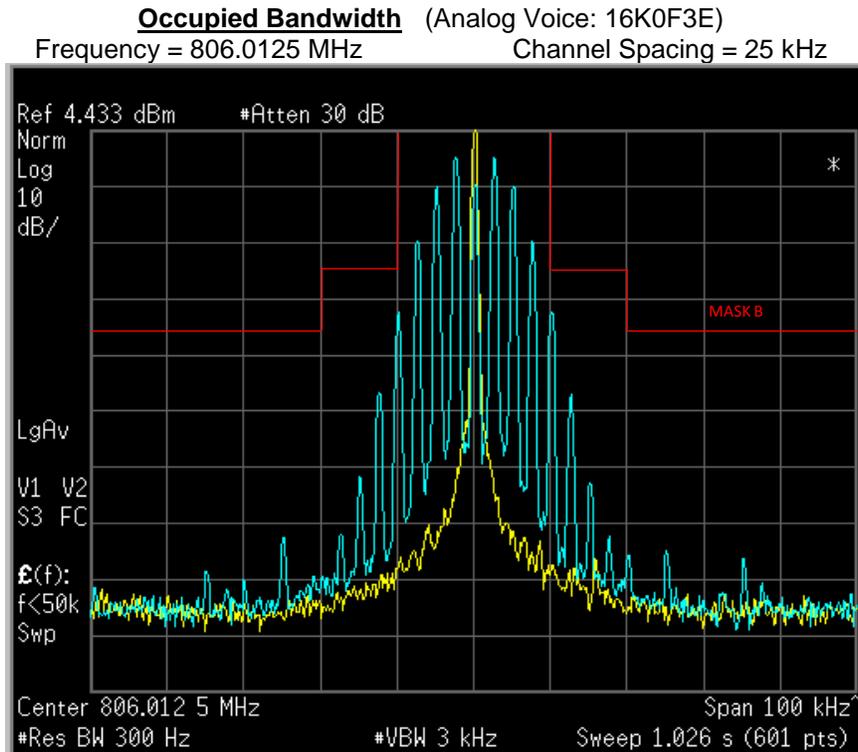


Exhibit 6E-1 (Not for FCC review)

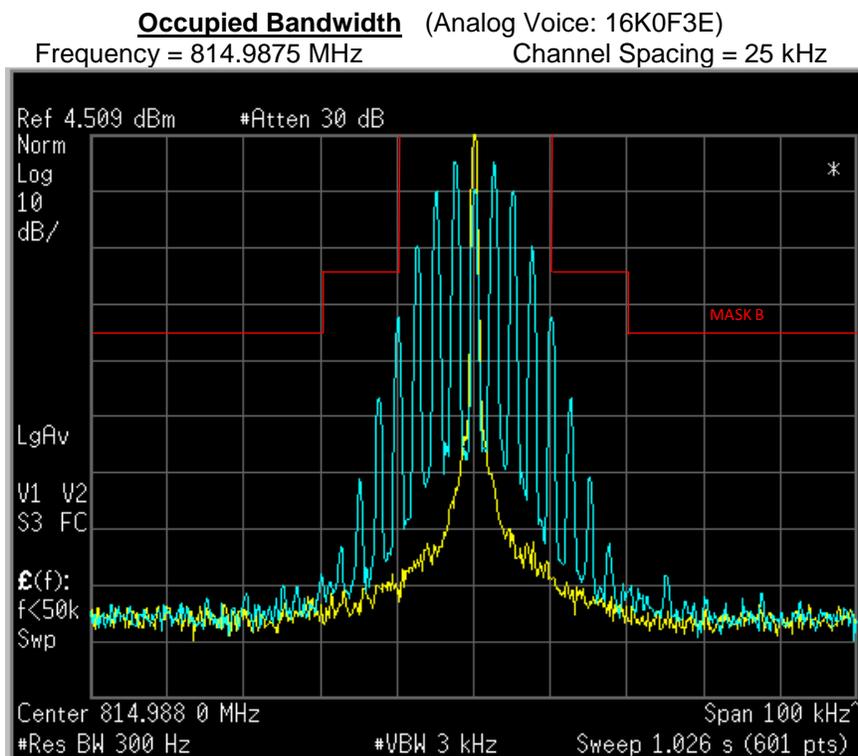


Exhibit 6E-2

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 823.9875 MHz Channel Spacing = 25 kHz

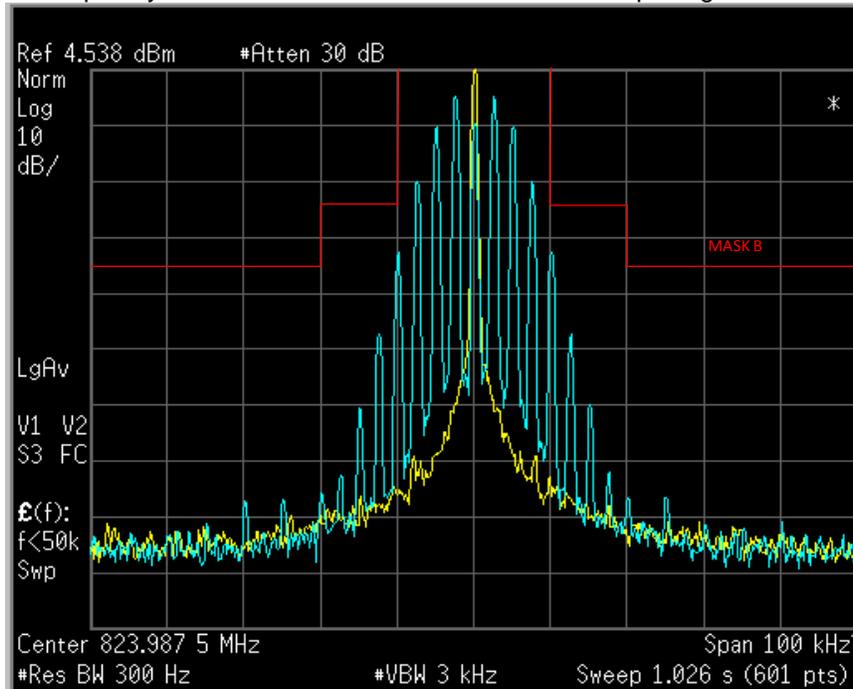


Exhibit 6E-3

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 851.0125 MHz Channel Spacing = 25 kHz

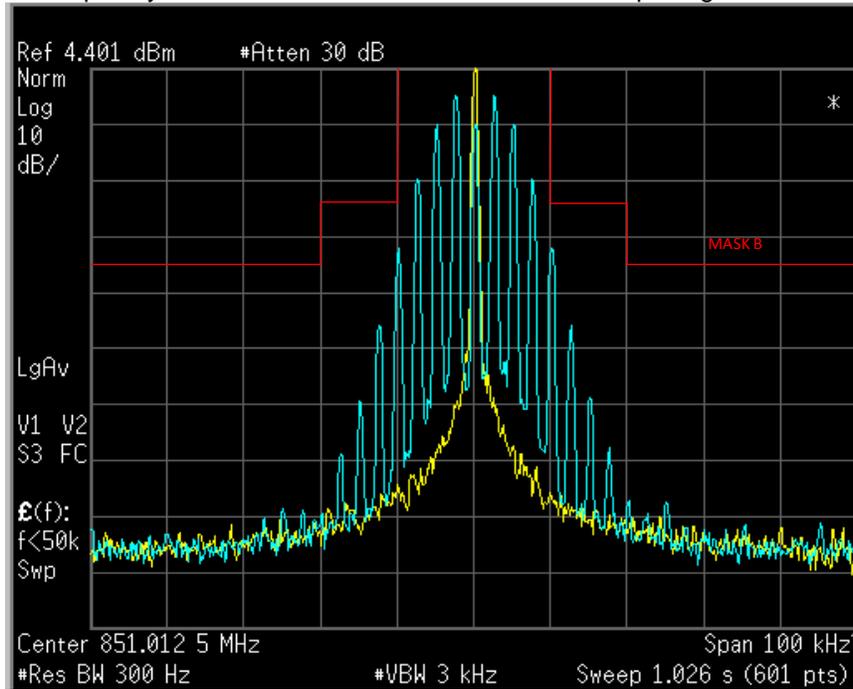


Exhibit 6E-4 (Not for FCC review)

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 860.0125 MHz Channel Spacing = 25 kHz

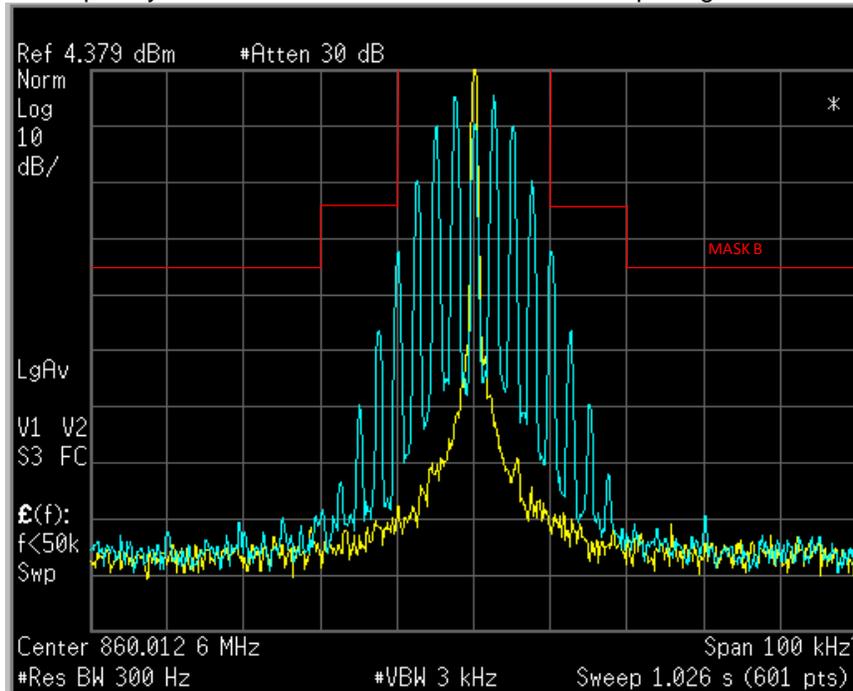


Exhibit 6E-5

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 868.8875 MHz Channel Spacing = 25 kHz

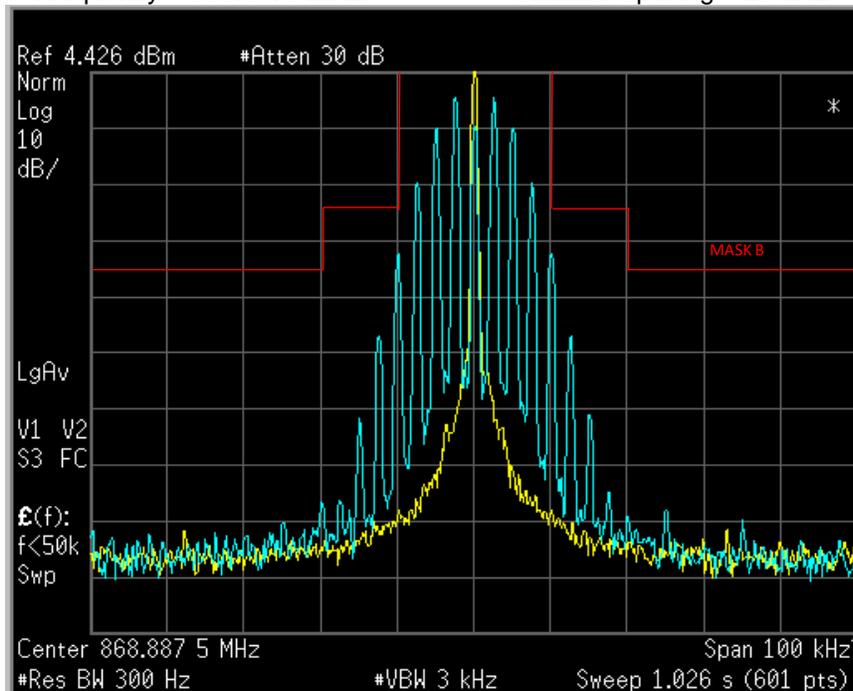


Exhibit 6E-6

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 806.0125MHz Channel Spacing = 12.5 kHz

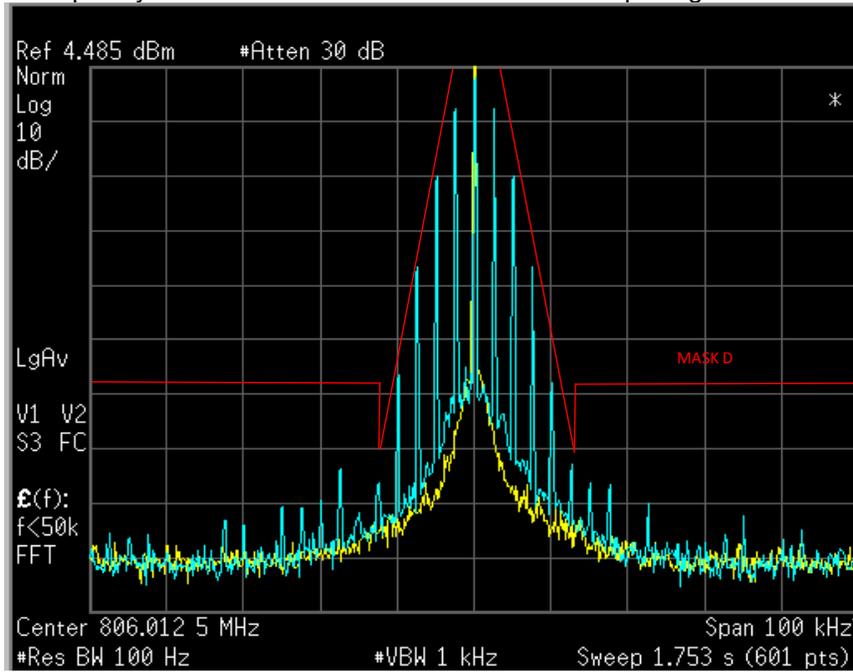


Exhibit 6E-7

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 814.9875MHz Channel Spacing = 12.5 kHz

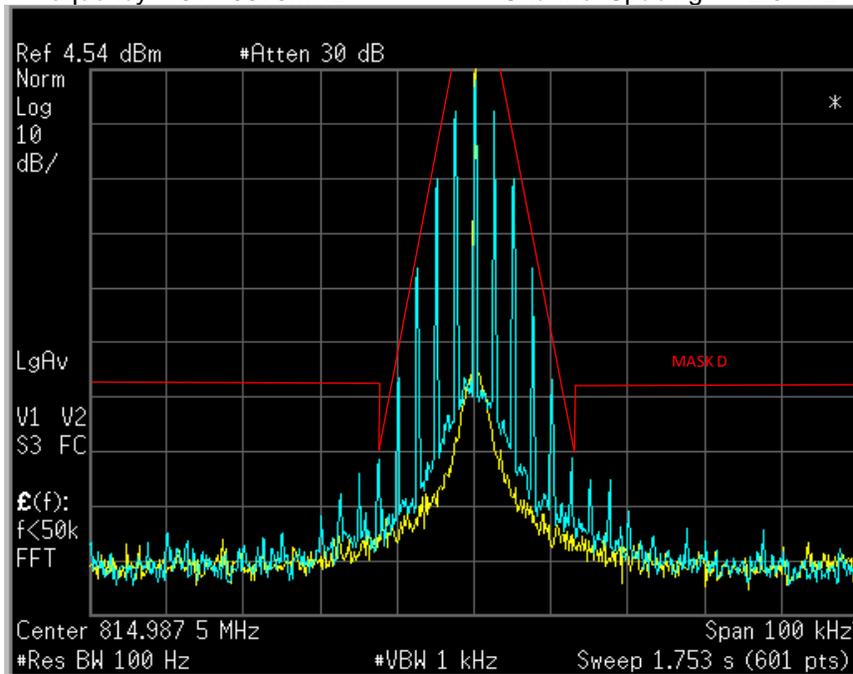


Exhibit 6E-8

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 823.9875MHz Channel Spacing = 12.5 kHz

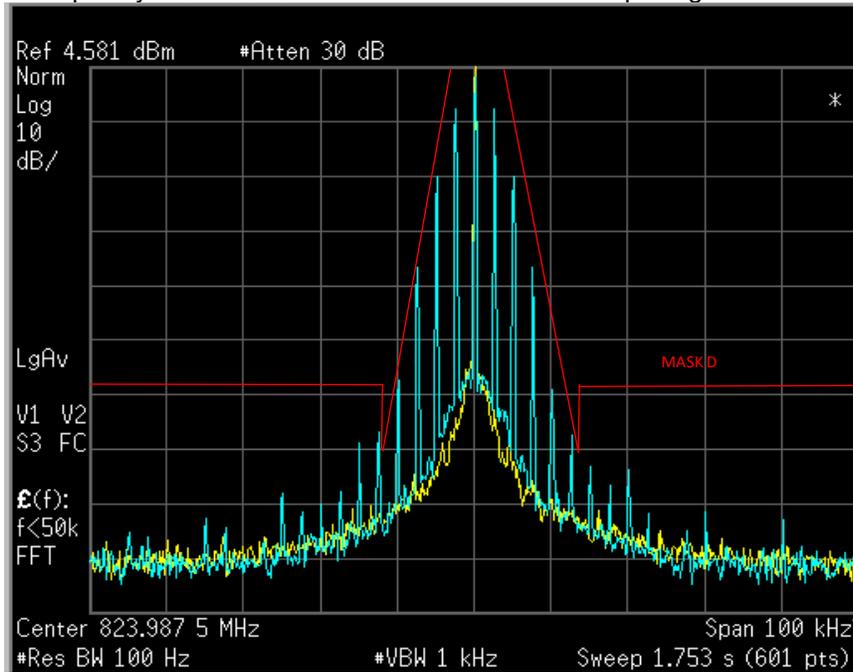


Exhibit 6E-9

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 851.0125MHz Channel Spacing = 12.5 kHz

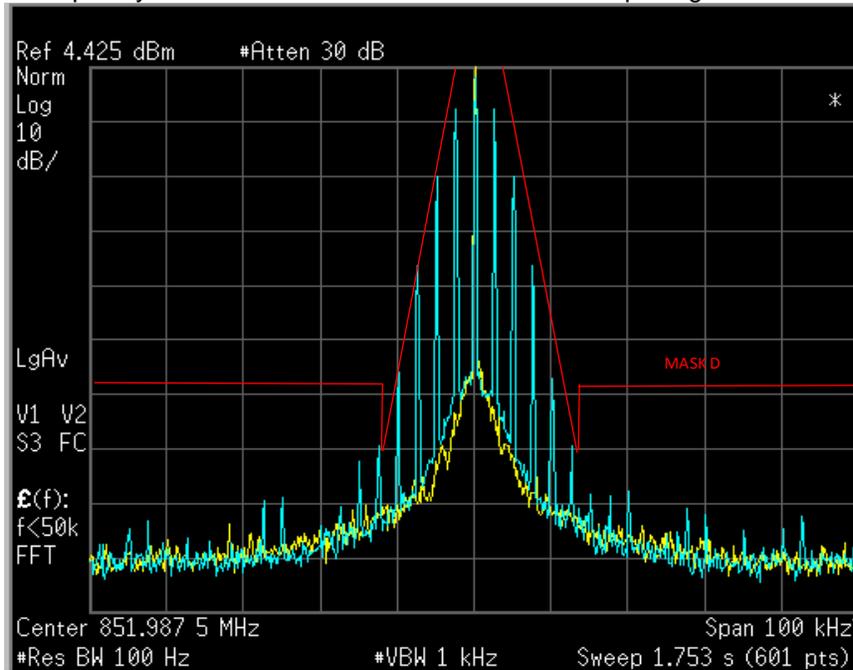


Exhibit 6E-10

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 860.0125MHz Channel Spacing = 12.5 kHz

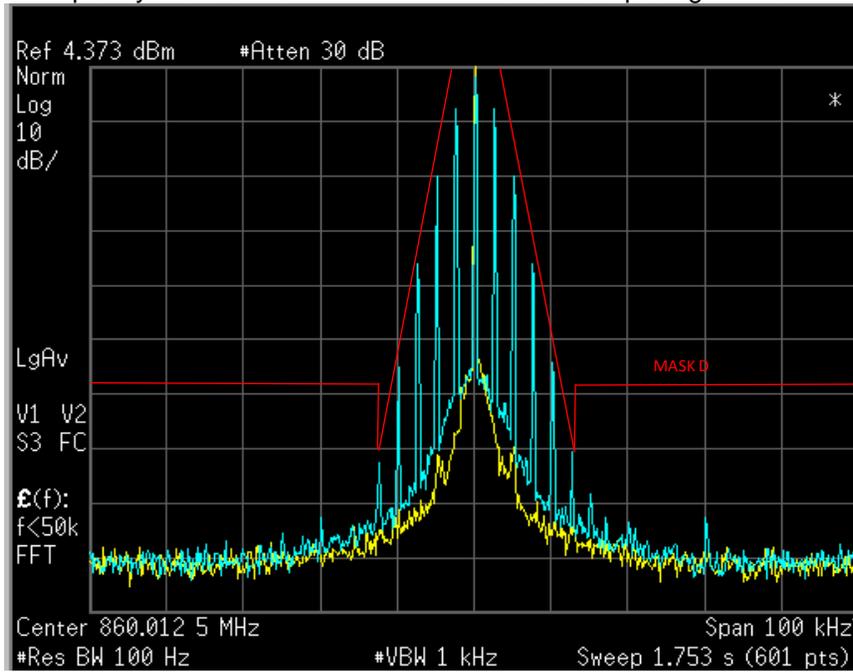


Exhibit 6E-11

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 868.8875MHz Channel Spacing = 12.5 kHz

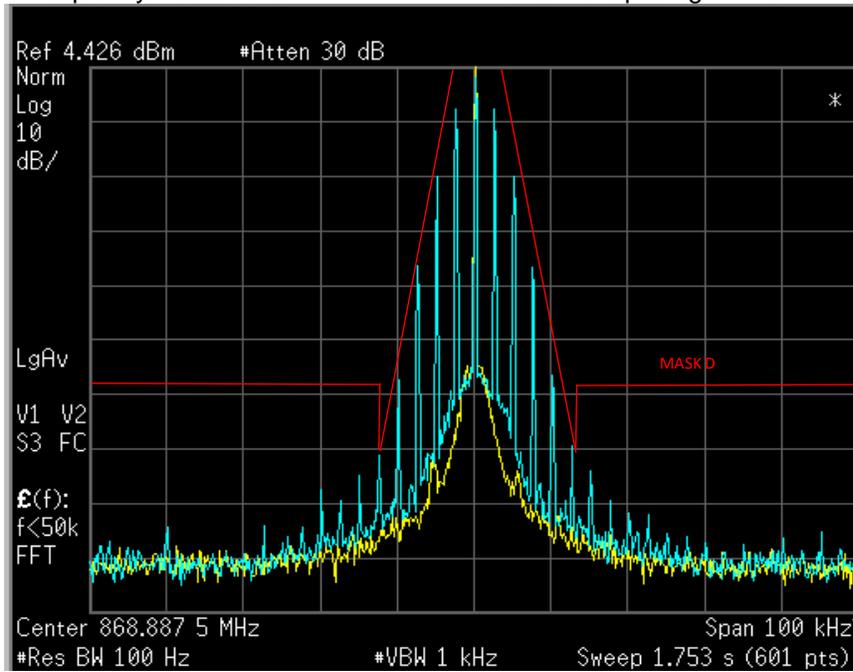
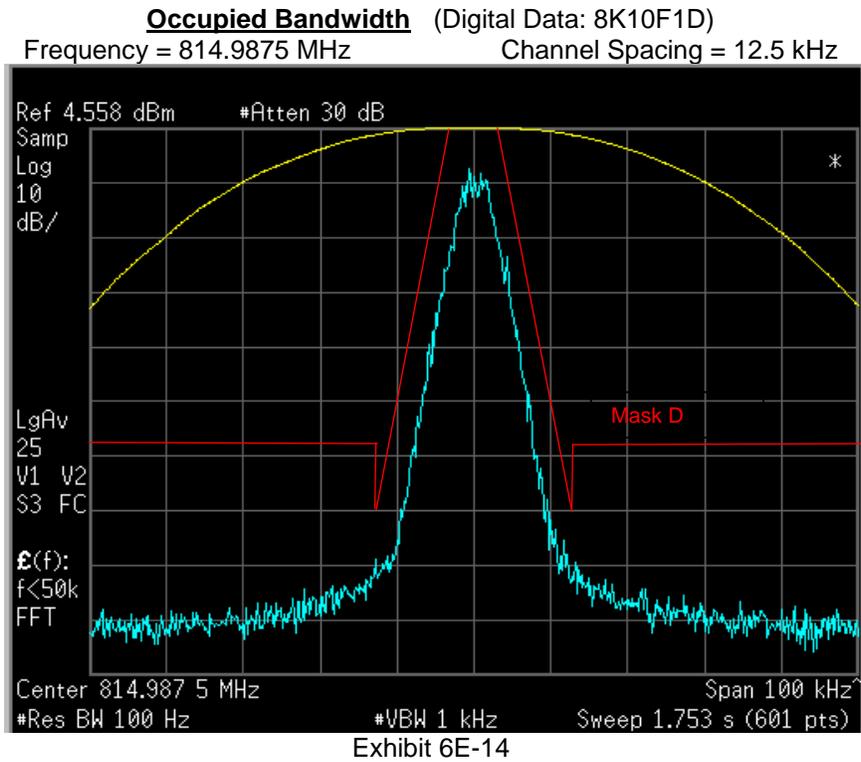
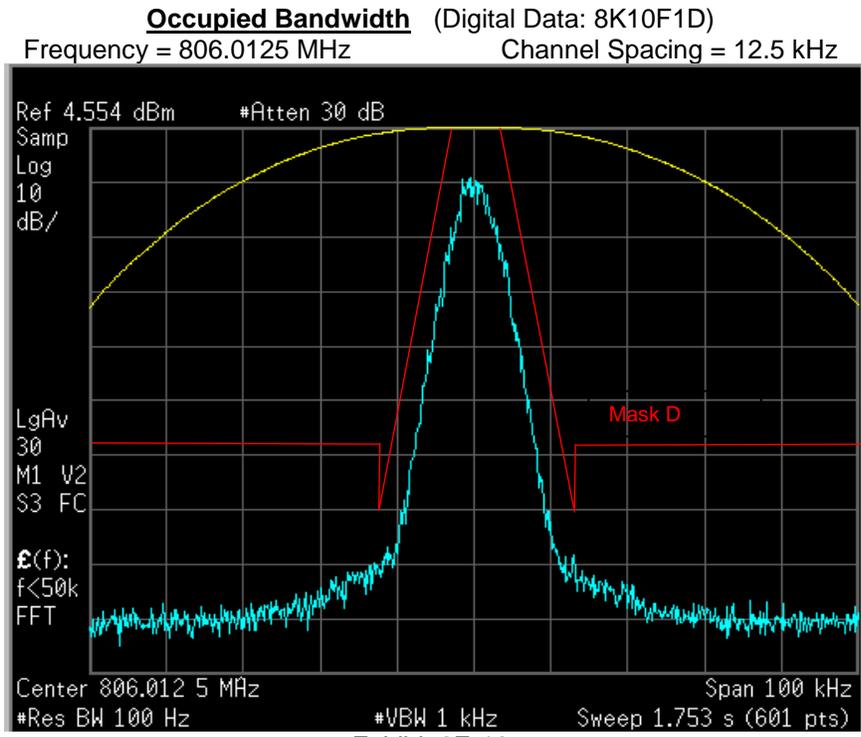


Exhibit 6E-12



Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 823.9875 MHz Channel Spacing = 12.5 kHz

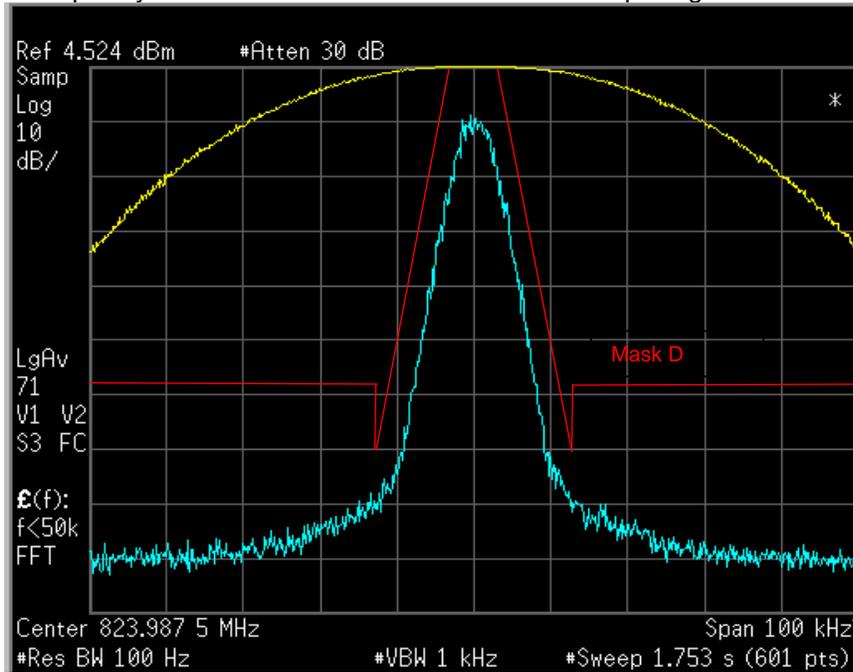


Exhibit 6E-15

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 851.0125 MHz Channel Spacing = 12.5 kHz

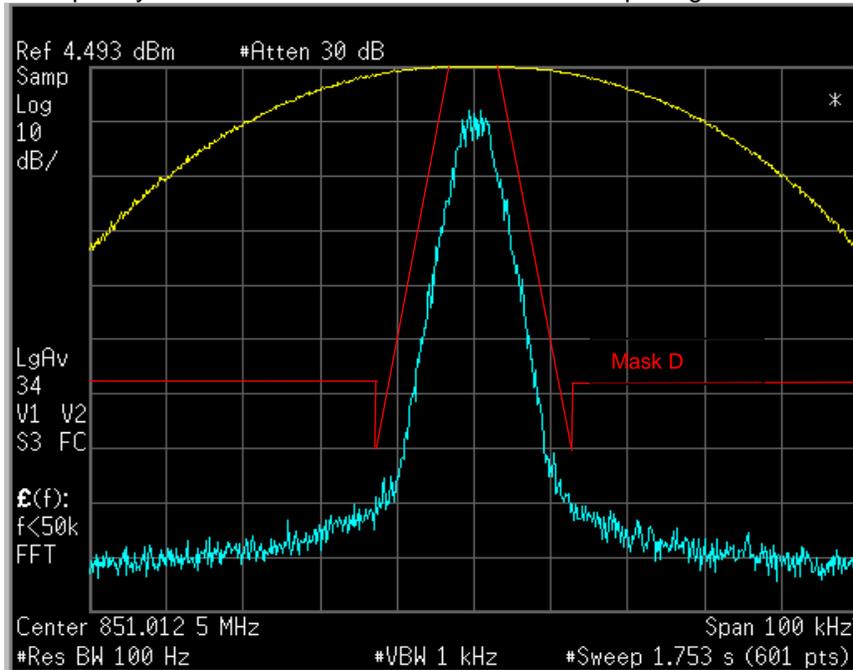


Exhibit 6E-16

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 860.0125 MHz Channel Spacing = 12.5 kHz

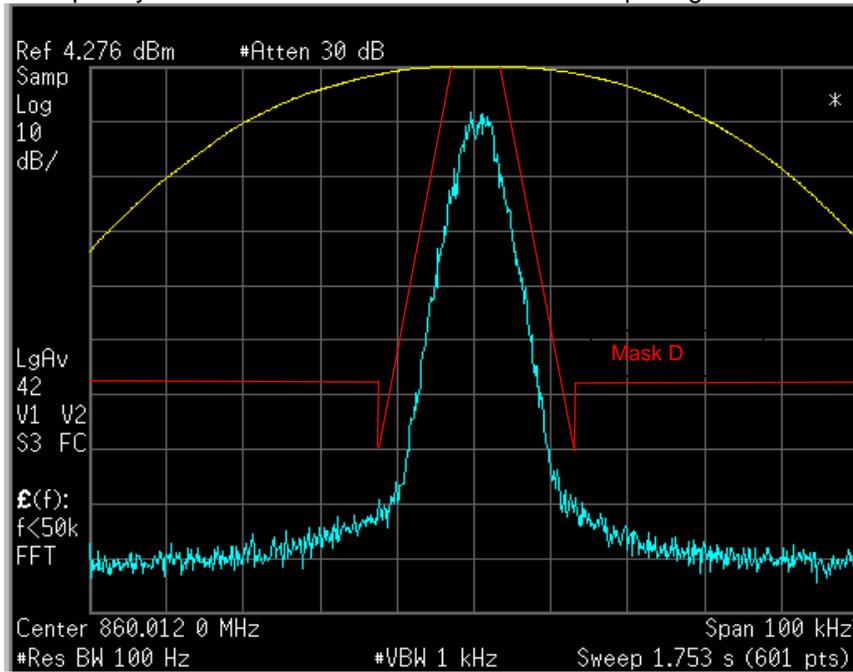


Exhibit 6E-17

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 868.8875 MHz Channel Spacing = 12.5 kHz

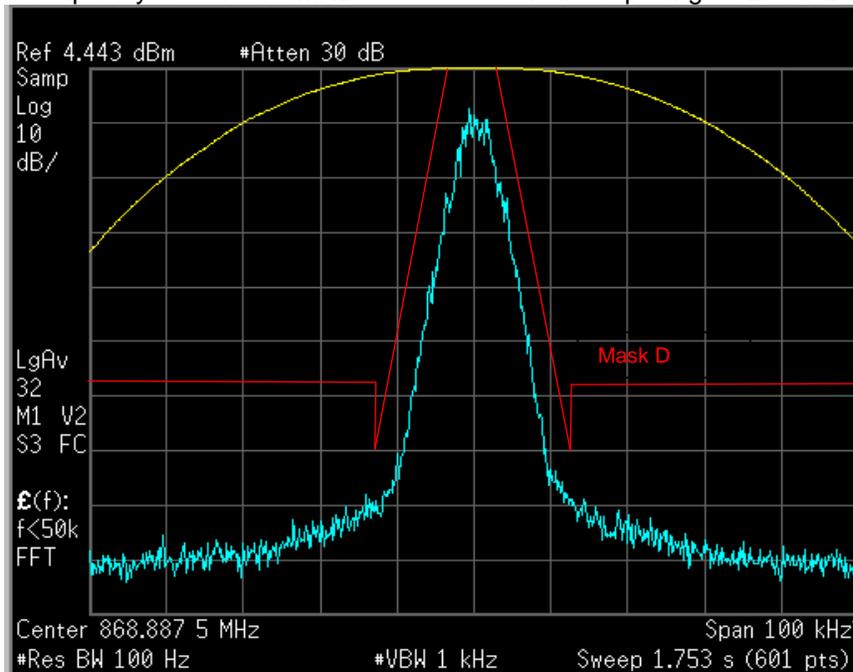


Exhibit 6E-18

Occupied Bandwidth (Digital Voice: 8K10F1E)

Frequency = 806.0125 MHz

Channel Spacing = 12.5 kHz

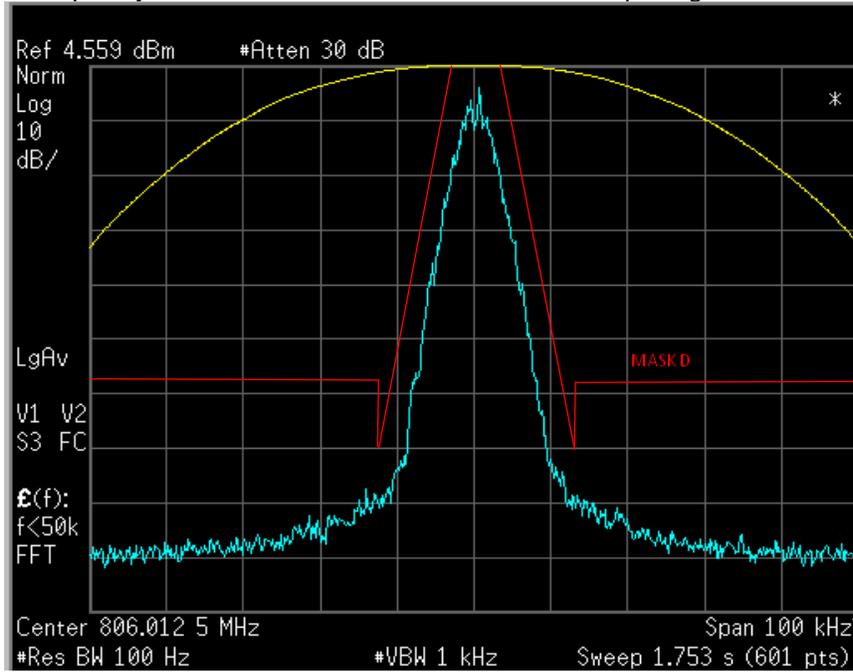


Exhibit 6E-19

Occupied Bandwidth (Digital Voice: 8K10F1E)

Frequency = 814.9875 MHz

Channel Spacing = 12.5 kHz

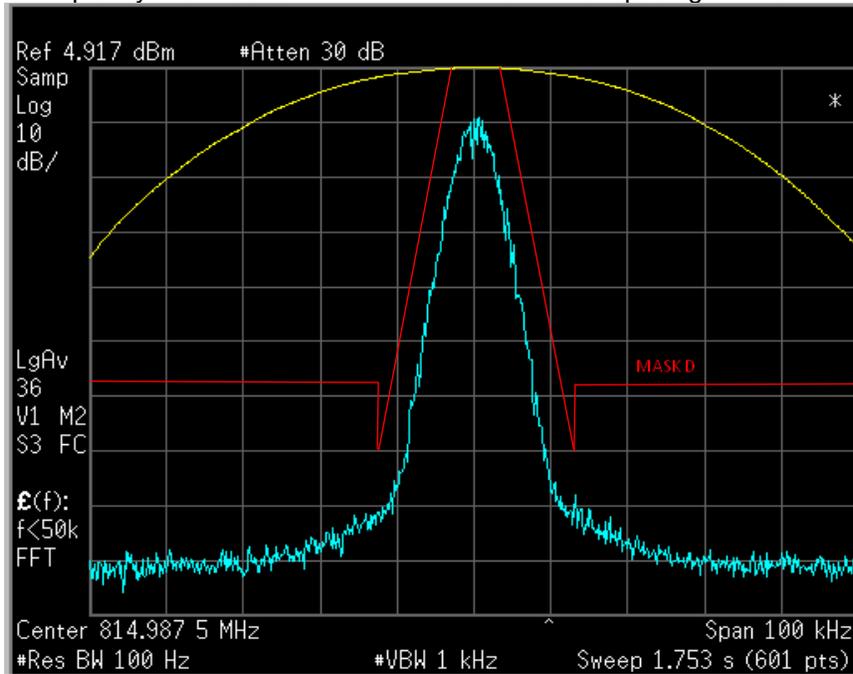


Exhibit 6E-20

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 823.9875 MHz Channel Spacing = 12.5 kHz

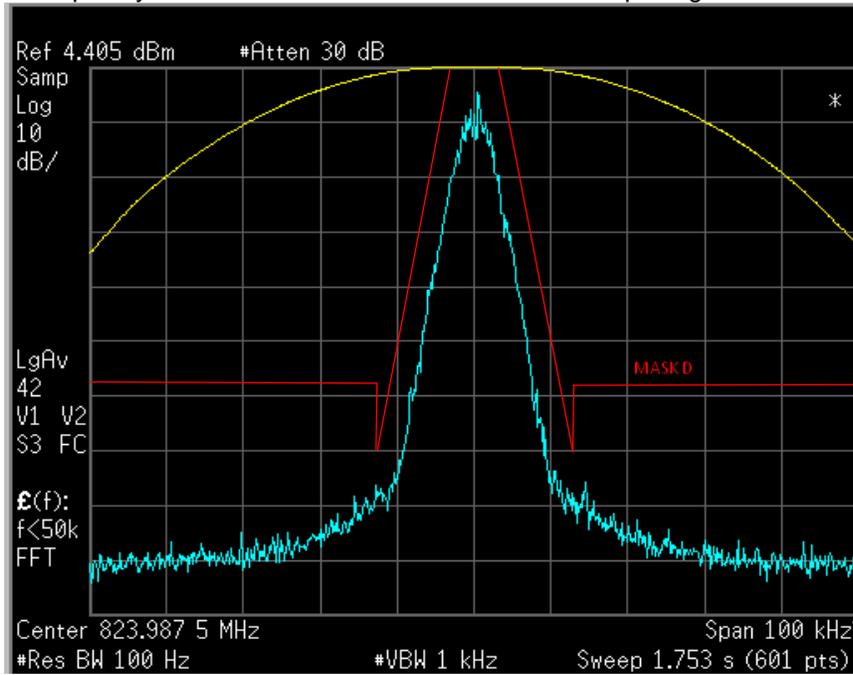


Exhibit 6E-21

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 851.0125 MHz Channel Spacing = 12.5 kHz

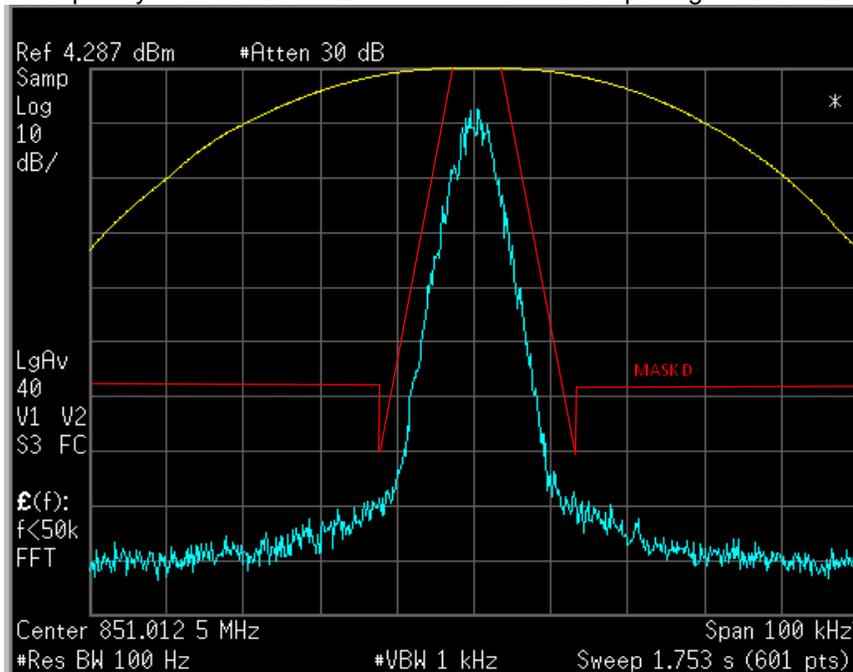


Exhibit 6E-22

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 860.0125 MHz Channel Spacing = 12.5 kHz

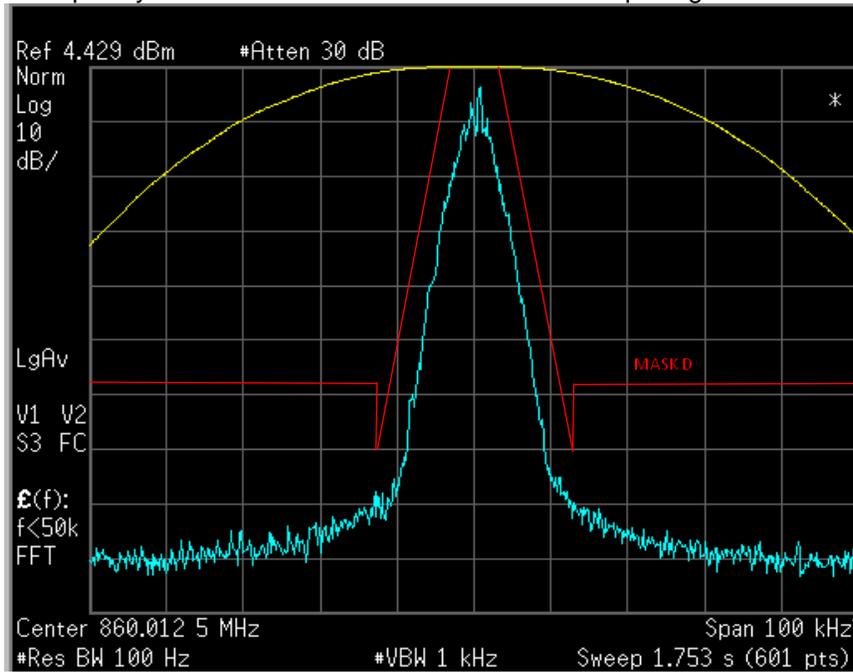


Exhibit 6E-23

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 868.8875 MHz Channel Spacing = 12.5 kHz

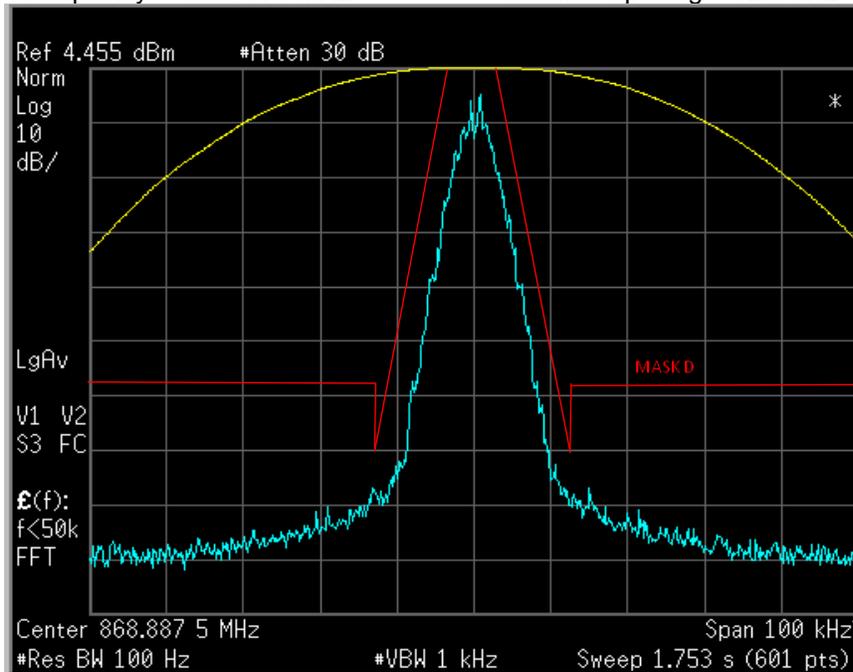


Exhibit 6E-24

Occupied Bandwidth (Digital Voice Encryption: 8K10F1E)
Frequency = 806.0125MHz Channel Spacing = 12.5 kHz

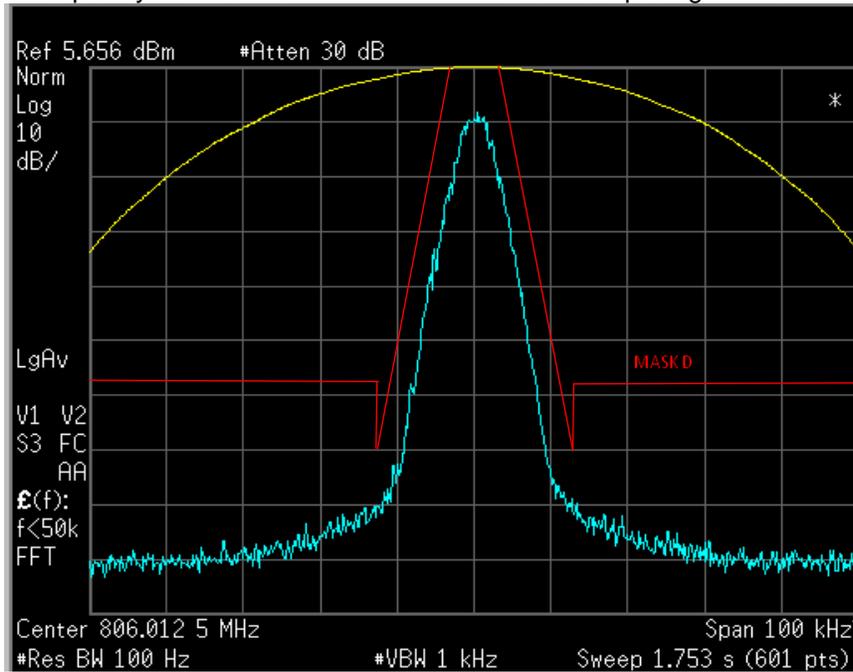


Exhibit 6E-25

Occupied Bandwidth (Digital Voice Encryption: 8K10F1E)
Frequency = 814.9875MHz Channel Spacing = 12.5 kHz

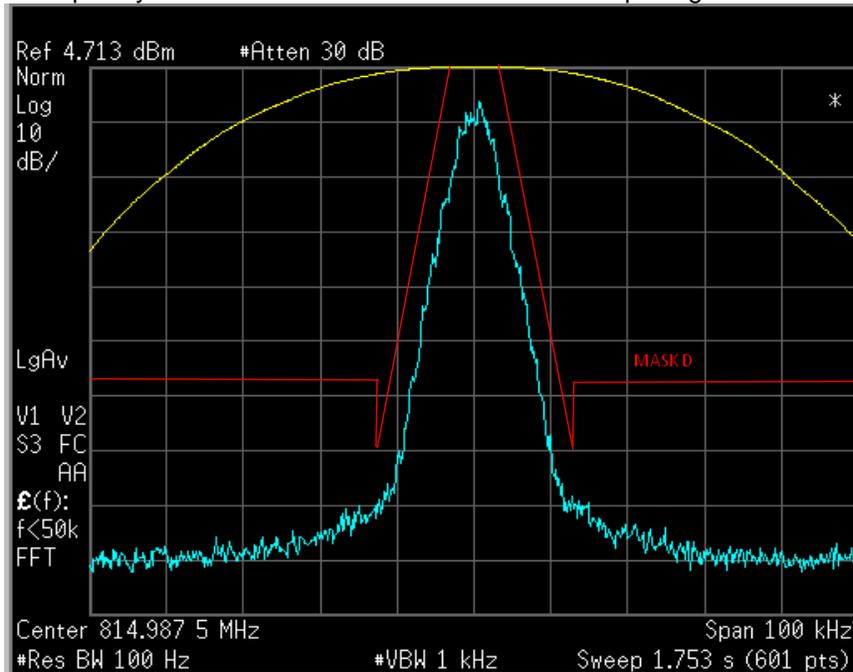


Exhibit 6E-26

Occupied Bandwidth (Digital Voice Encryption: 8K10F1E)
Frequency = 823.9875MHz Channel Spacing = 12.5 kHz

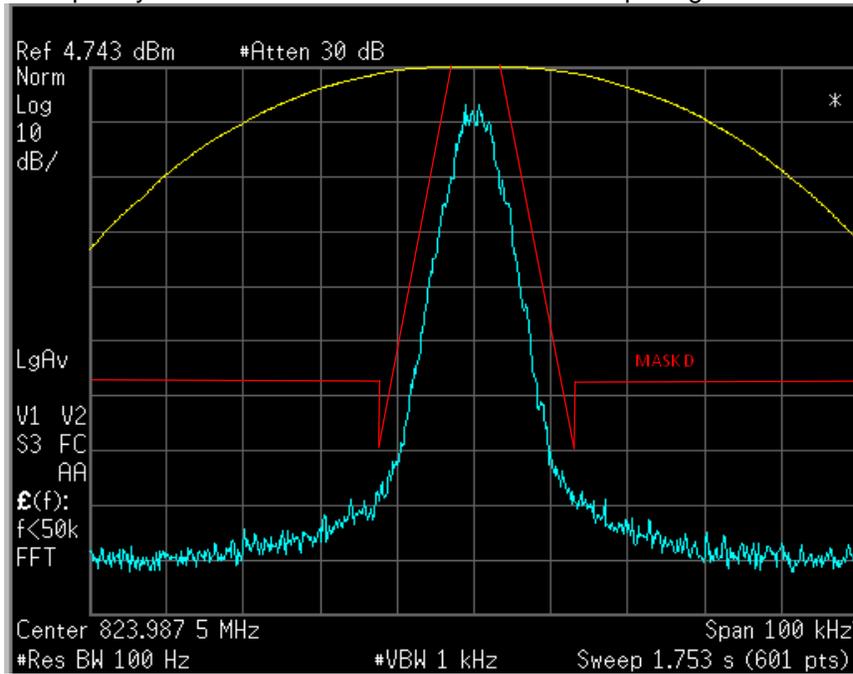


Exhibit 6E-27

Occupied Bandwidth (Digital Voice Encryption: 8K10F1E)
Frequency = 851.0125MHz Channel Spacing = 12.5 kHz

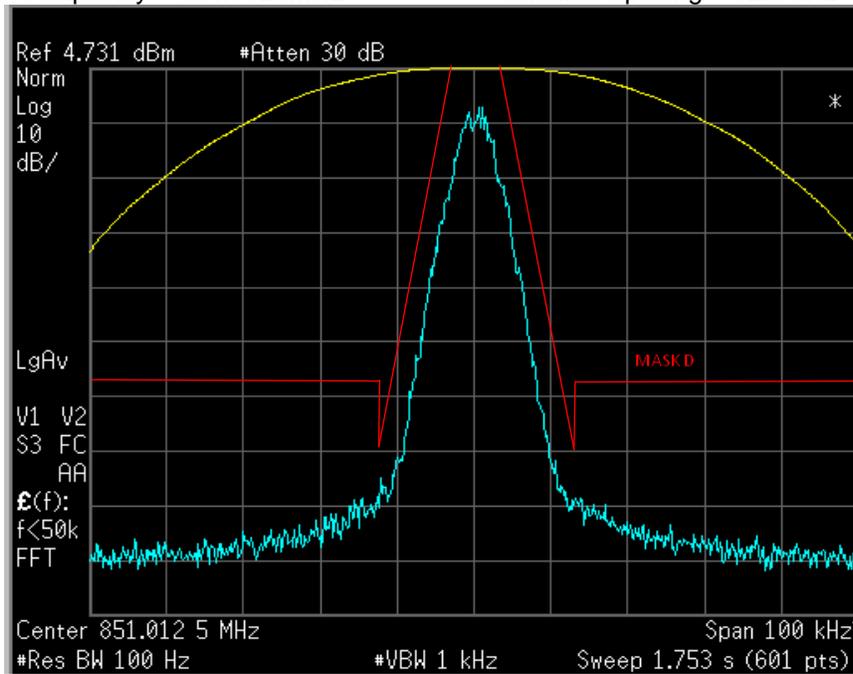


Exhibit 6E-28

Occupied Bandwidth (Digital Voice Encryption: 8K10F1E)
Frequency = 860.0125MHz Channel Spacing = 12.5 kHz

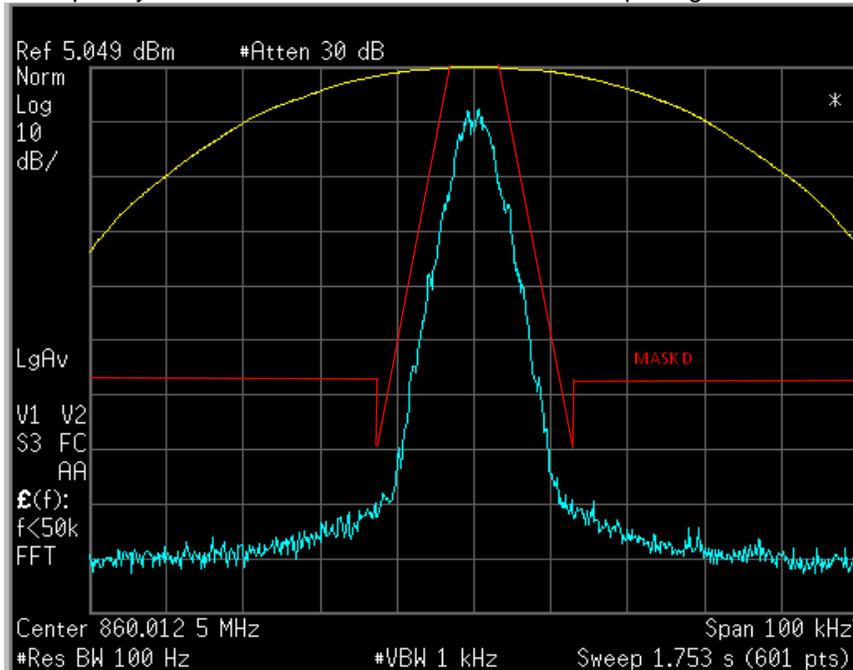


Exhibit 6E-29

Occupied Bandwidth (Digital Voice Encryption: 8K10F1E)
Frequency = 868.8875MHz Channel Spacing = 12.5 kHz

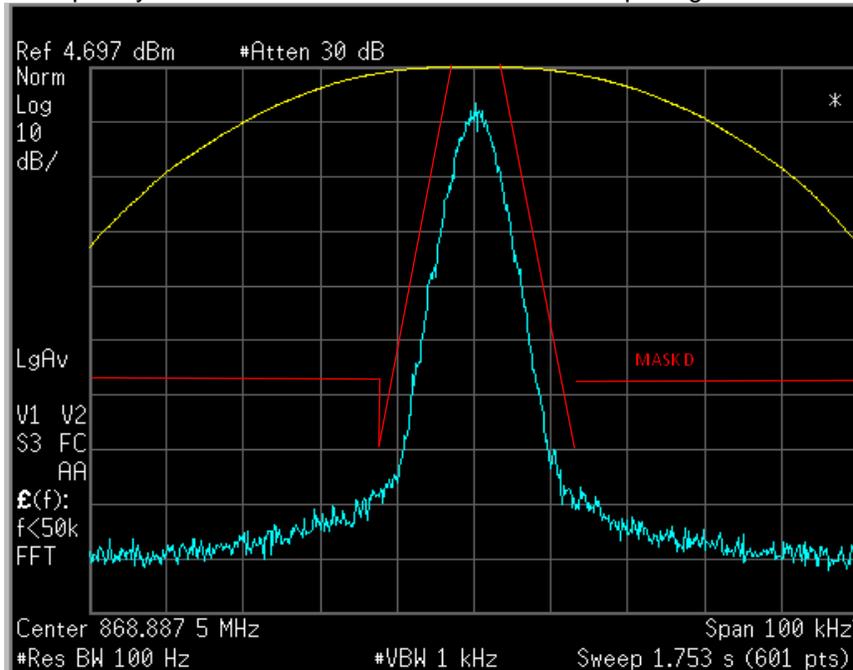


Exhibit 6E-30

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 806.0125 MHz Channel Spacing = 12.5 kHz

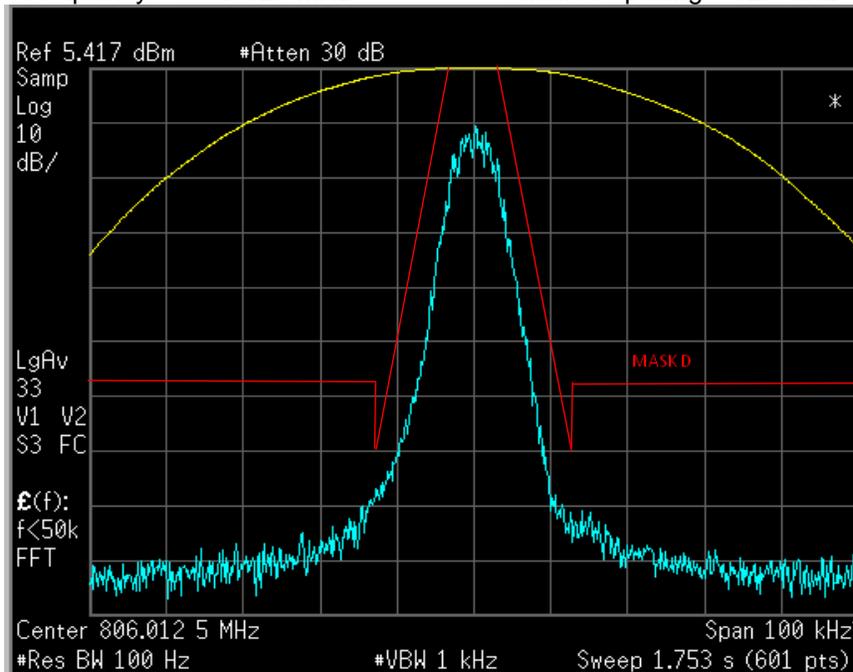


Exhibit 6E-31

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 814.9875 MHz Channel Spacing = 12.5 kHz

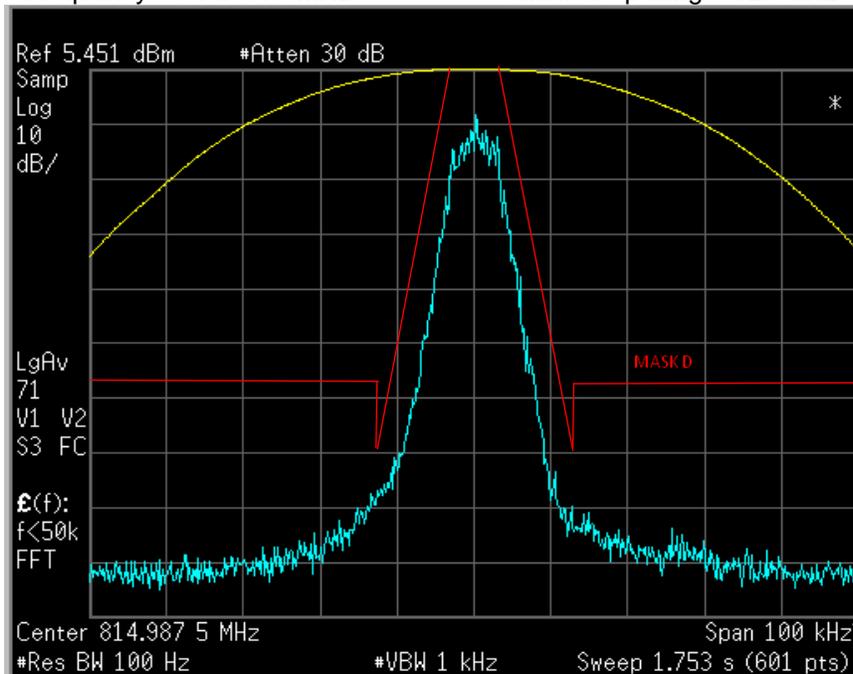


Exhibit 6E-32

Occupied Bandwidth (Digital TDMA: 8K10F1W)

Frequency = 823.9875 MHz

Channel Spacing = 12.5 kHz

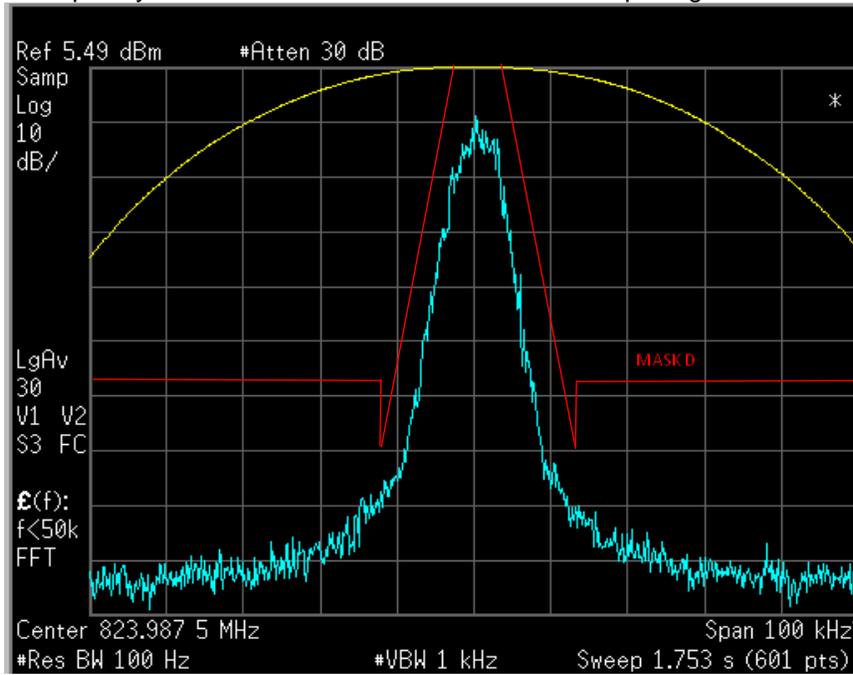


Exhibit 6E-33

Occupied Bandwidth (Digital TDMA: 8K10F1W)

Frequency = 851.0125 MHz

Channel Spacing = 12.5 kHz

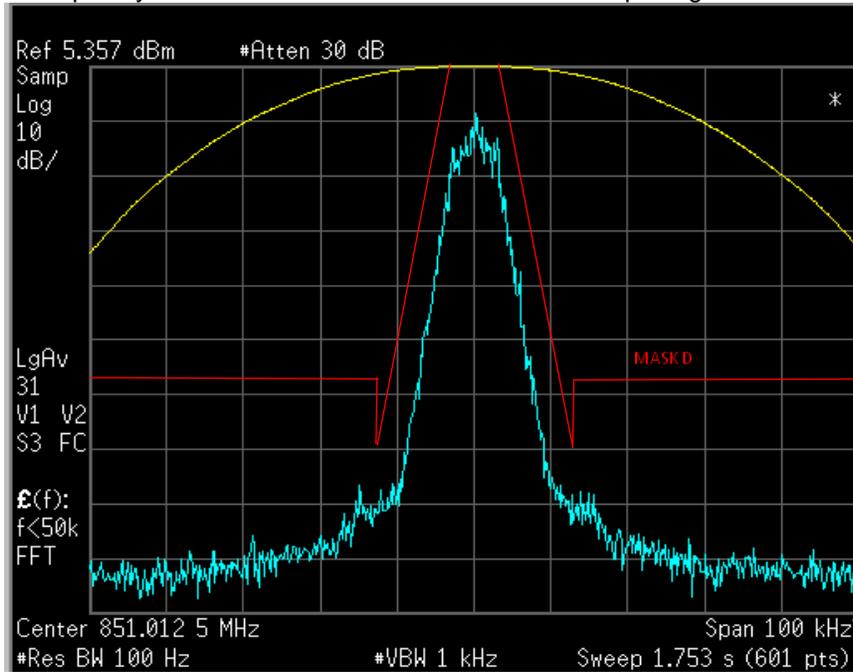


Exhibit 6E-34

Occupied Bandwidth (Digital TDMA: 8K10F1W)

Frequency = 860.0125 MHz

Channel Spacing = 12.5 kHz

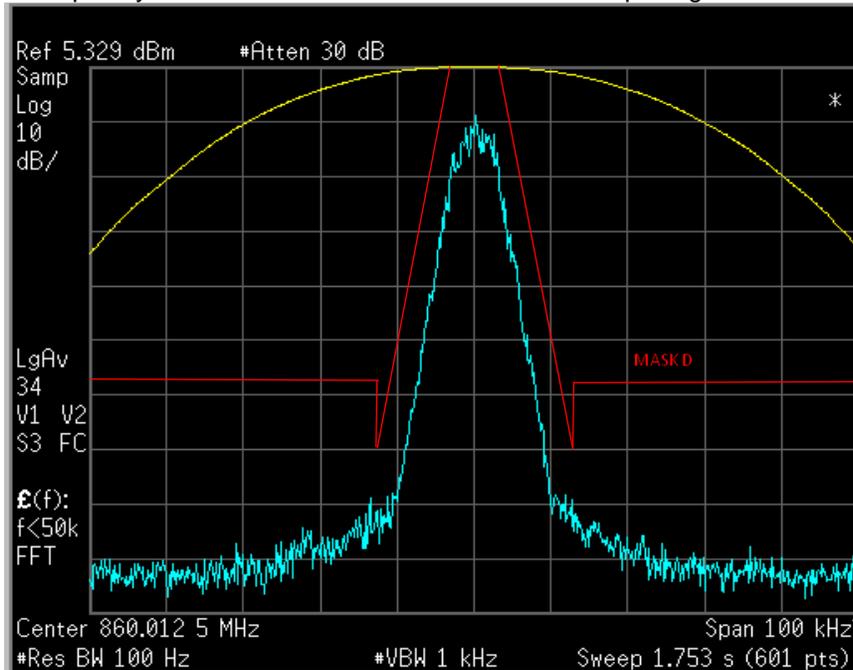


Exhibit 6E-35

Occupied Bandwidth (Digital TDMA: 8K10F1W)

Frequency = 868.8875 MHz

Channel Spacing = 12.5 kHz

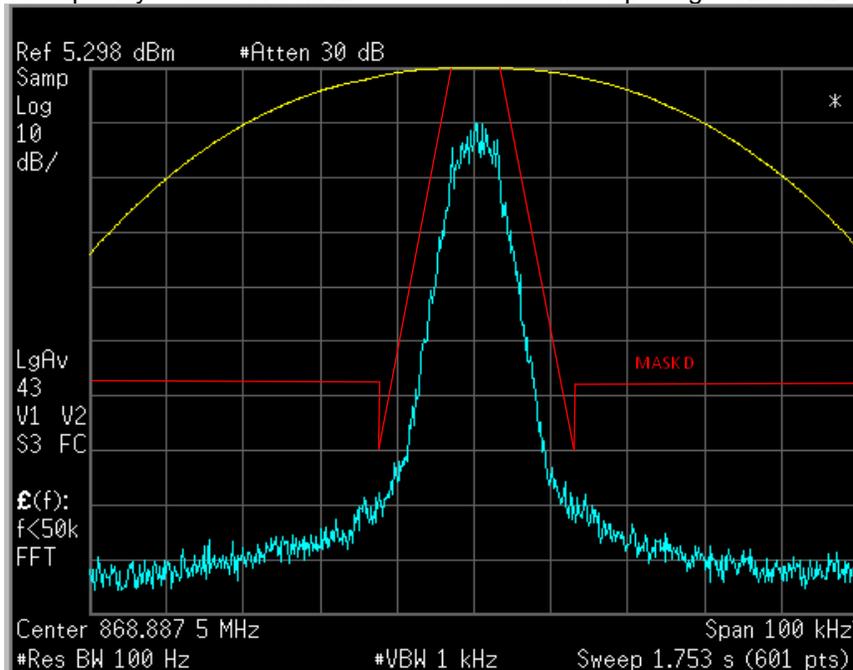


Exhibit 6E-36

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

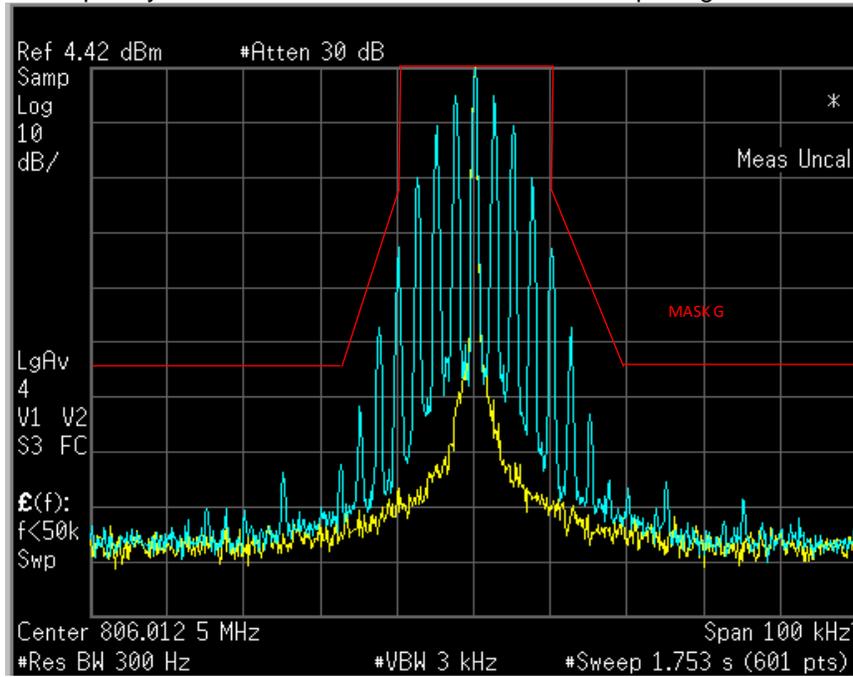


Exhibit 6E-37 (Not for FCC review)

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

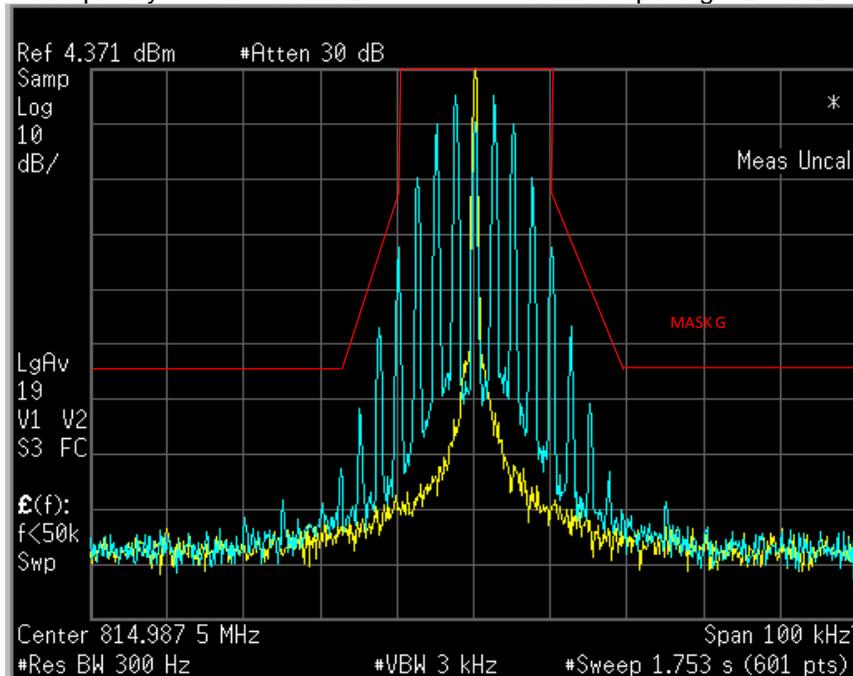


Exhibit 6E-38

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 823.9875 MHz Channel Spacing = 25 kHz

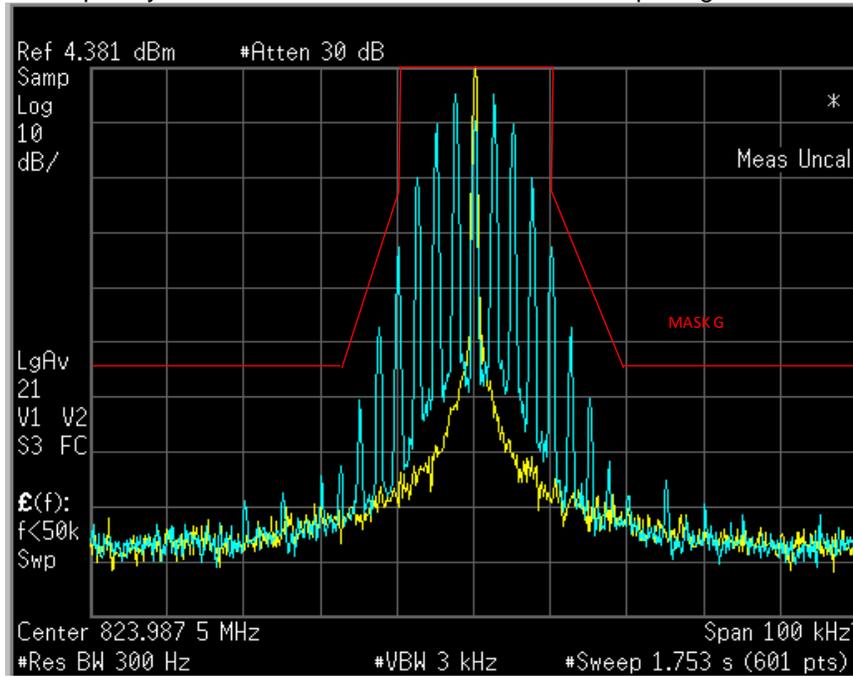


Exhibit 6E-39

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 851.0125 MHz Channel Spacing = 25 kHz

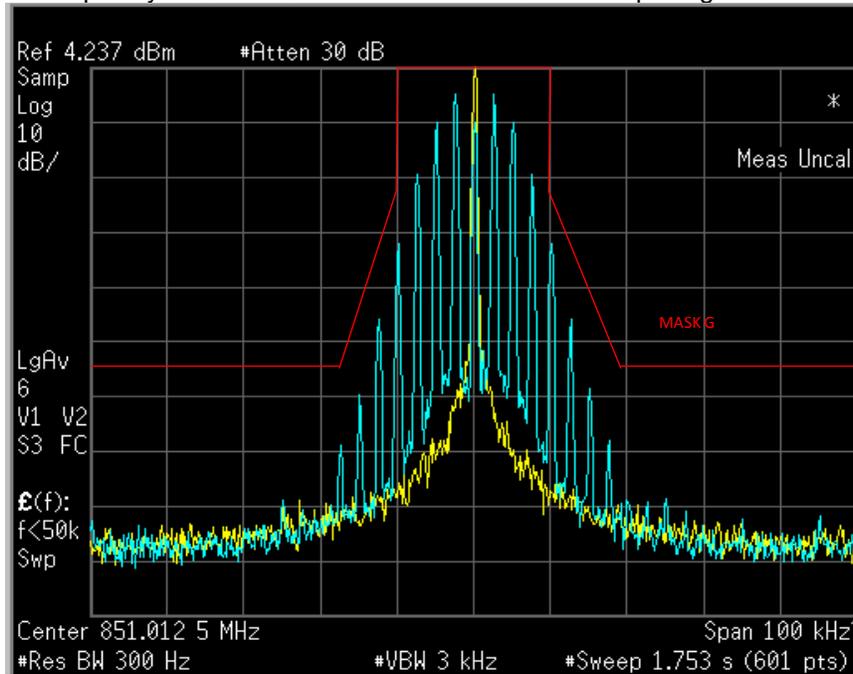


Exhibit 6E-40 (Not for FCC review)

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 860.0125 MHz Channel Spacing = 25 kHz

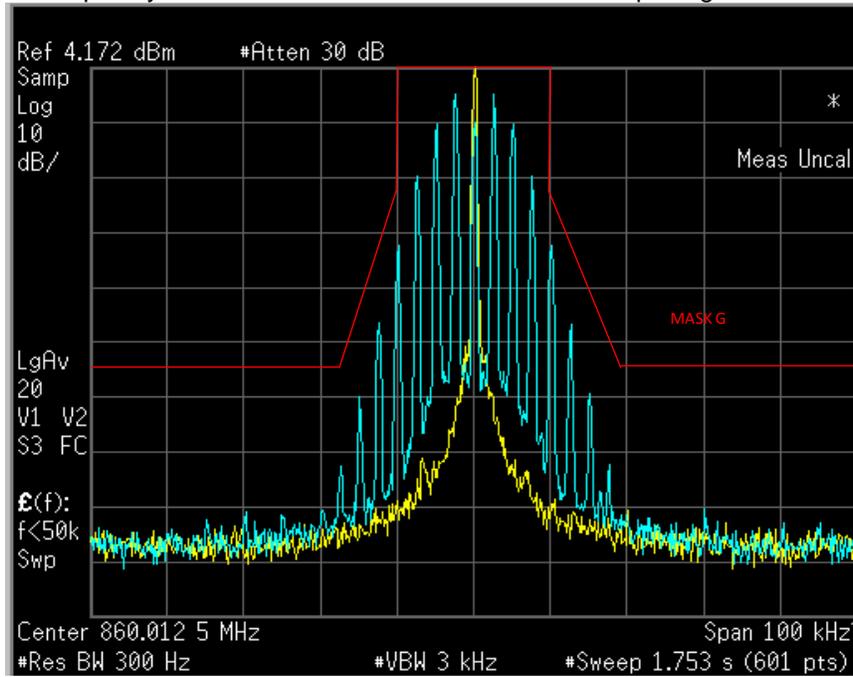


Exhibit 6E-41

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 868.8875 MHz Channel Spacing = 25 kHz

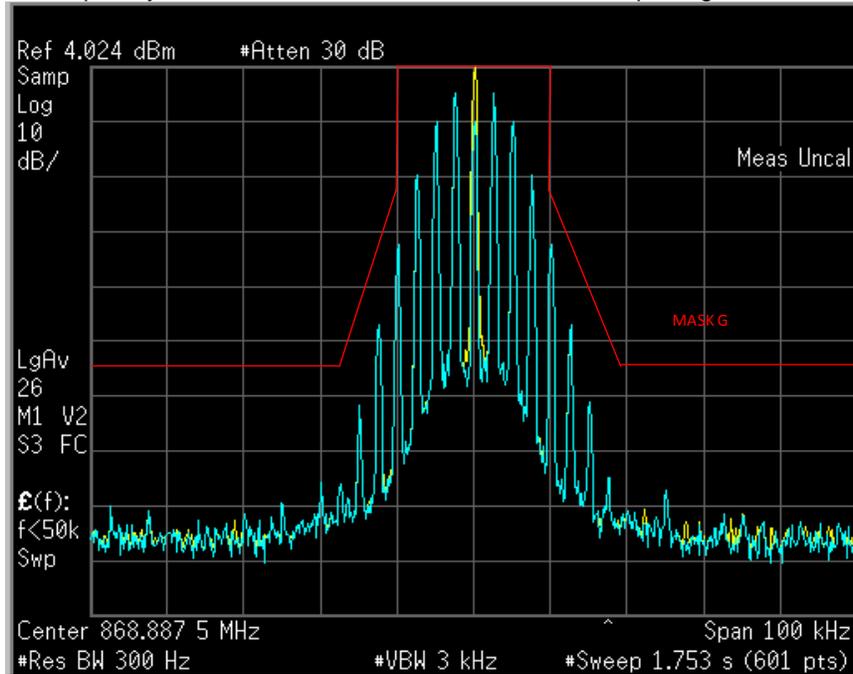


Exhibit 6E-42

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 806.0125 MHz Channel Spacing = 20 kHz

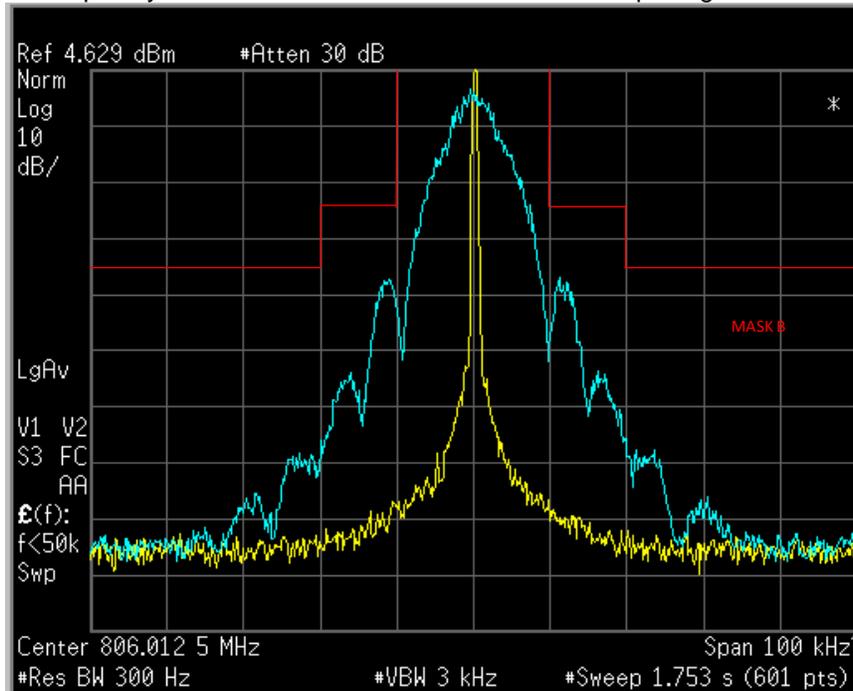


Exhibit 6E-43 (Not for FCC review)

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 814.9875 MHz Channel Spacing = 20 kHz

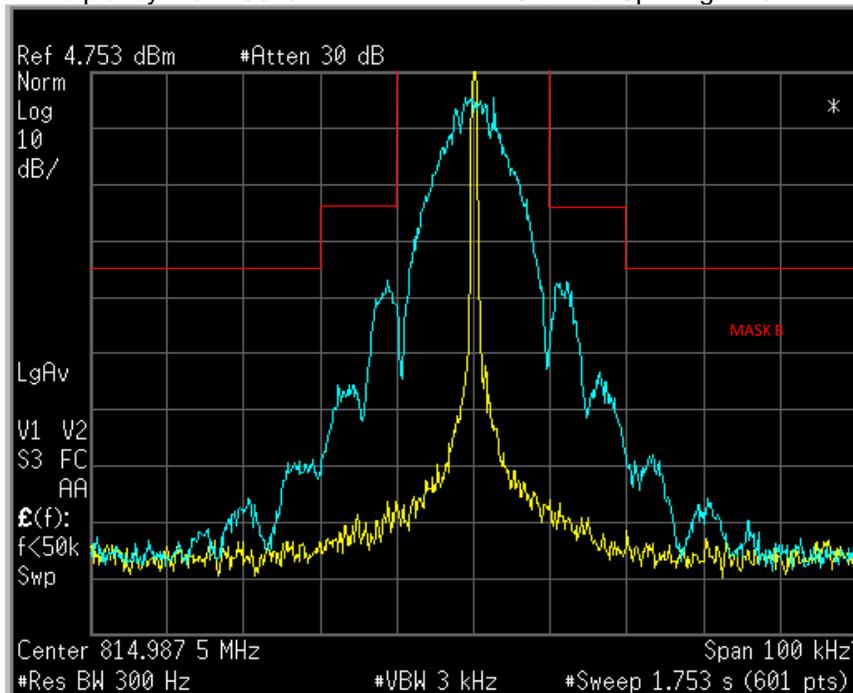
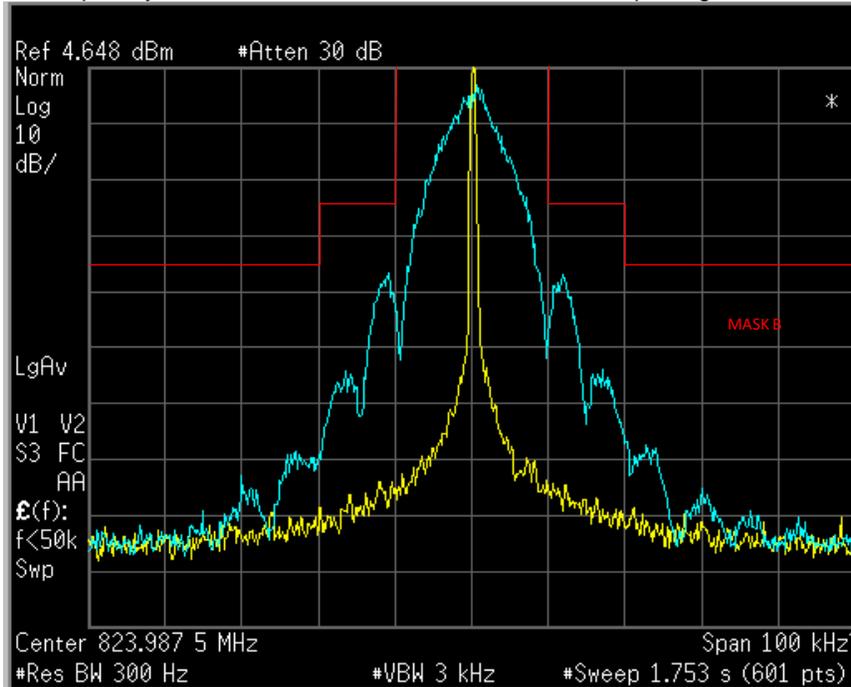
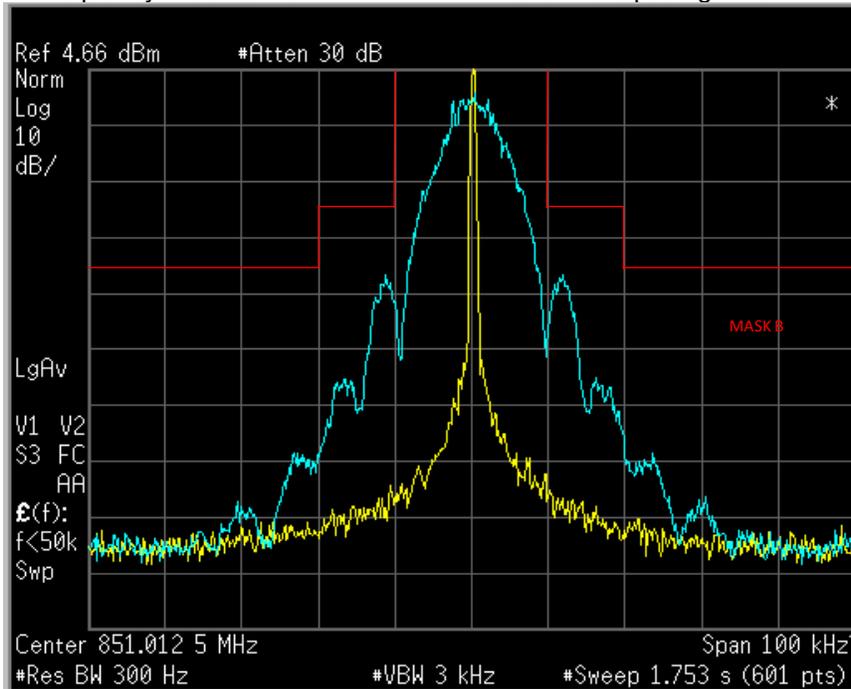


Exhibit 6E-44

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 823.9875 MHz Channel Spacing = 20 kHz



Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 851.0125 MHz Channel Spacing = 20 kHz



Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 860.0125 MHz Channel Spacing = 20 kHz

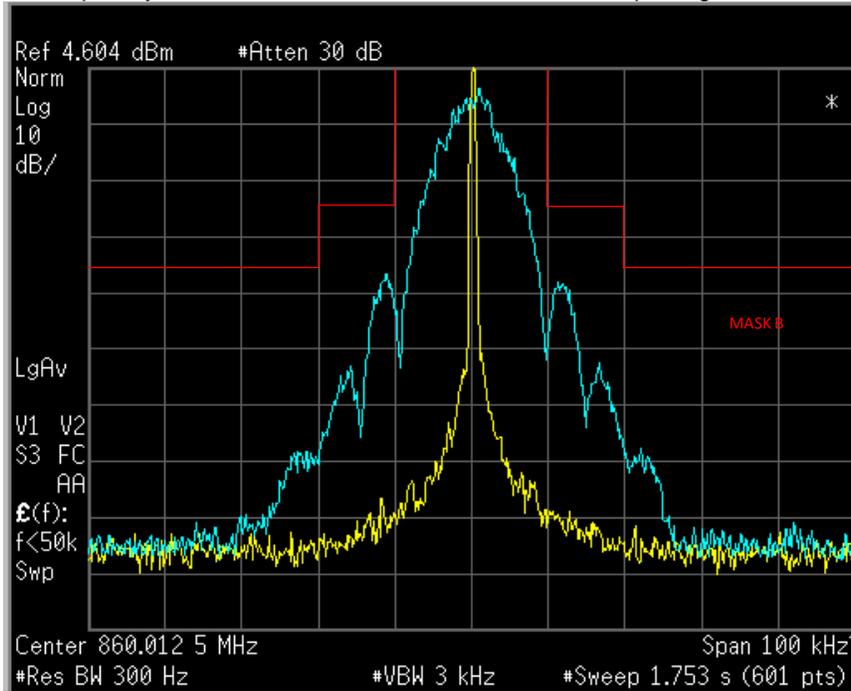


Exhibit 6E-47

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 868.8875 MHz Channel Spacing = 20 kHz

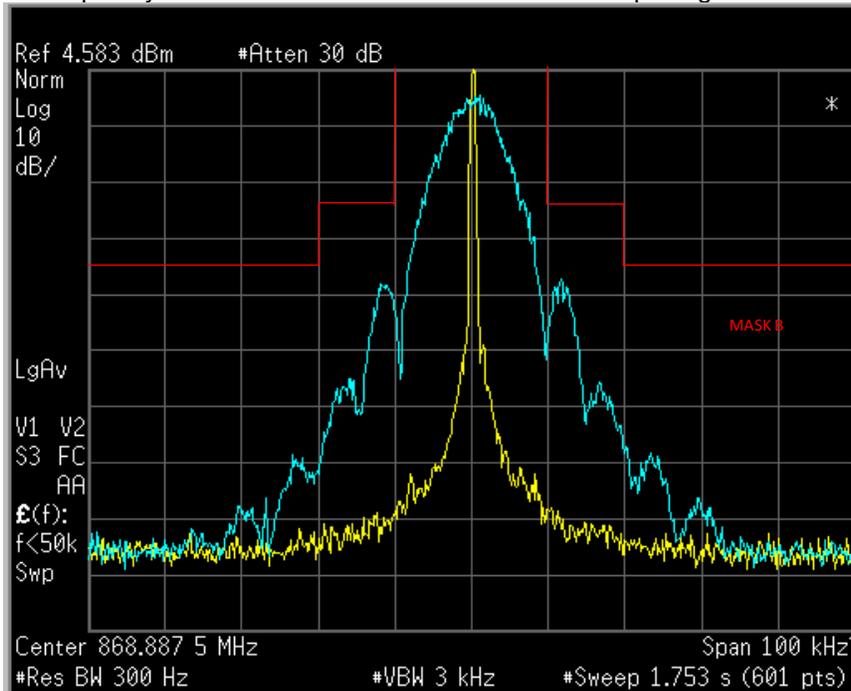


Exhibit 6E-48

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 806.0125 MHz Channel Spacing = 20 kHz

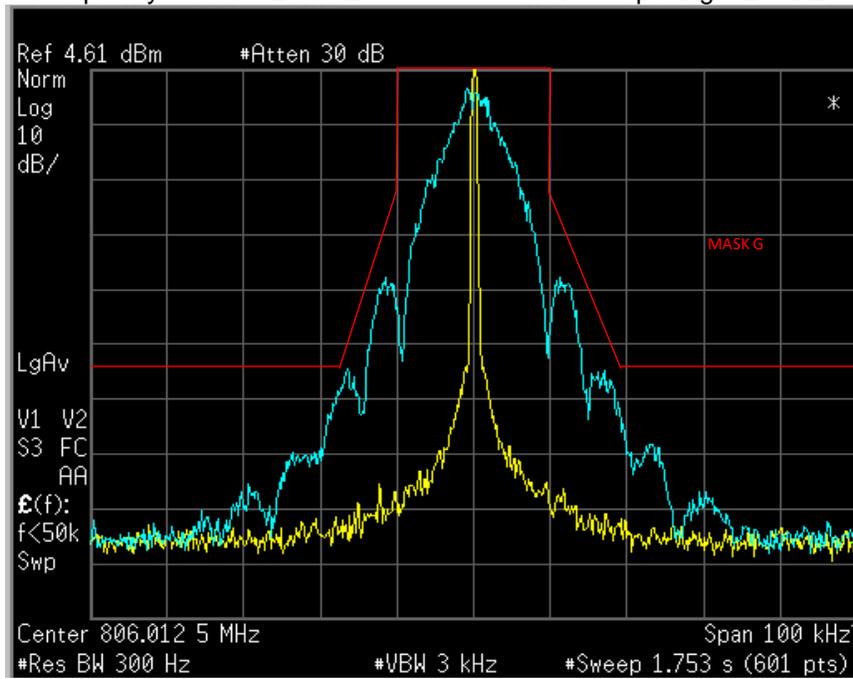


Exhibit 6E-49 (Not for FCC review)

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 814.9875 MHz Channel Spacing = 20 kHz

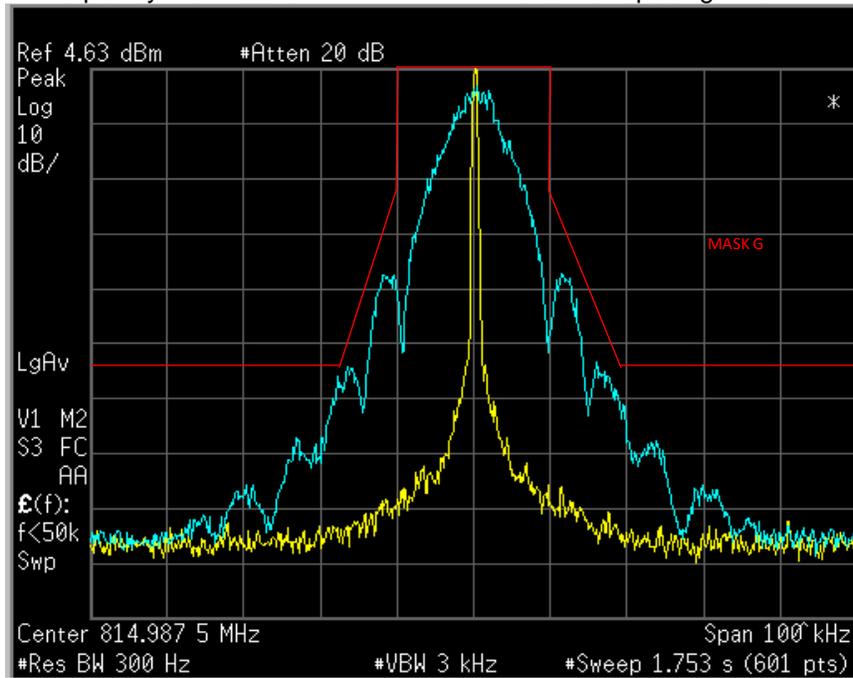


Exhibit 6E-50

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 823.9875 MHz Channel Spacing = 20 kHz

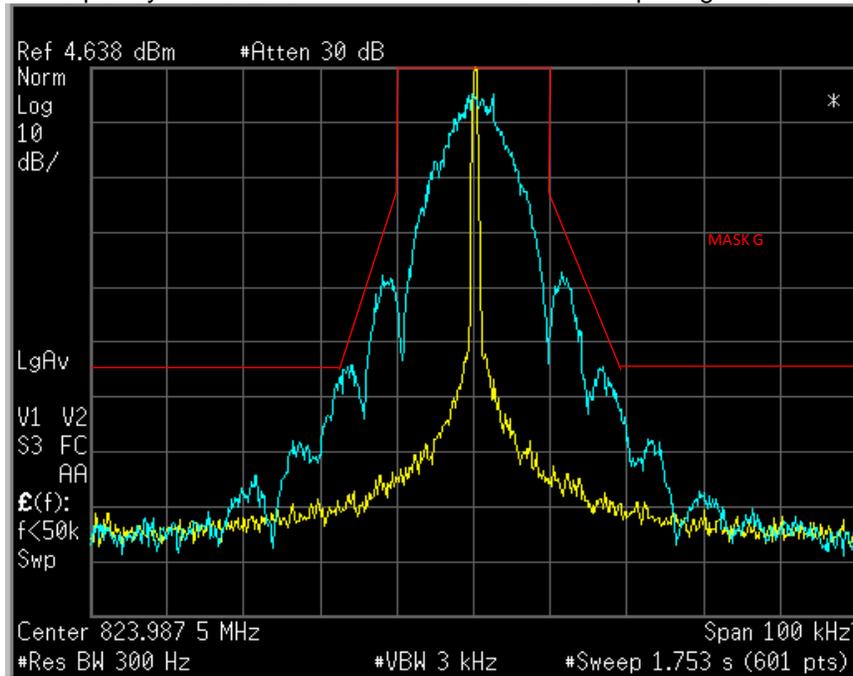


Exhibit 6E-51

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 851.0125 MHz Channel Spacing = 20 kHz

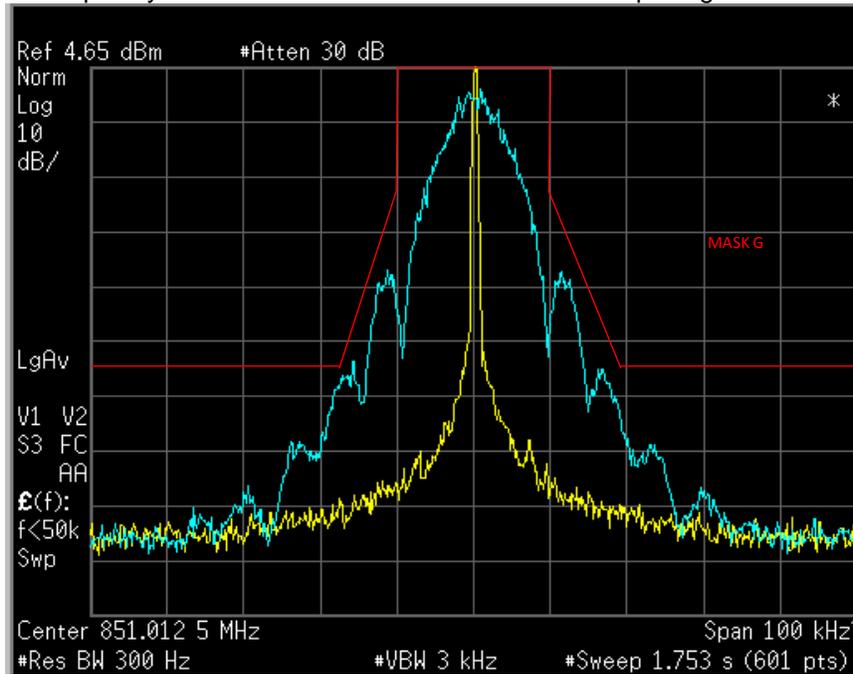


Exhibit 6E-52 (Not for FCC review)

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 860.0125 MHz Channel Spacing = 20 kHz

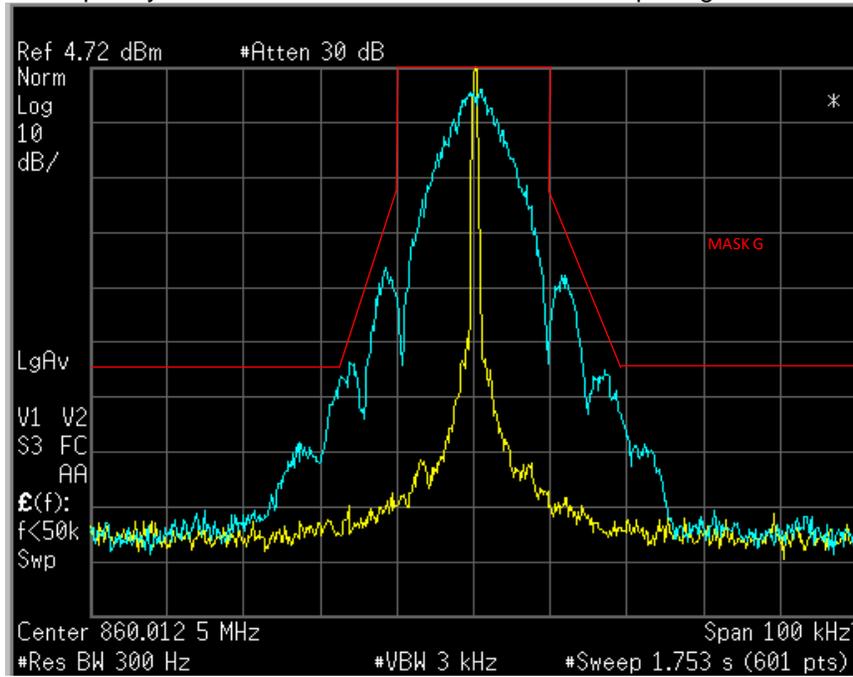


Exhibit 6E-53

Occupied Bandwidth (Analog Voice Encryption: 20K0F1E)
Frequency = 868.8875 MHz Channel Spacing = 20 kHz

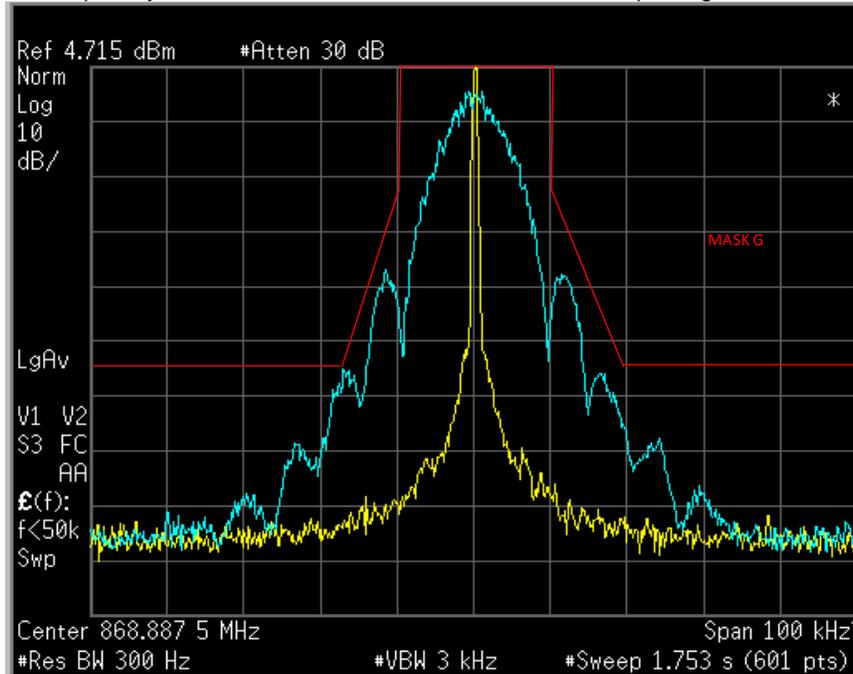


Exhibit 6E-54

Occupied Bandwidth (Analog Voice : 11K0F3E)

Frequency = 806.0125 MHz

Channel Spacing = 12.5 kHz

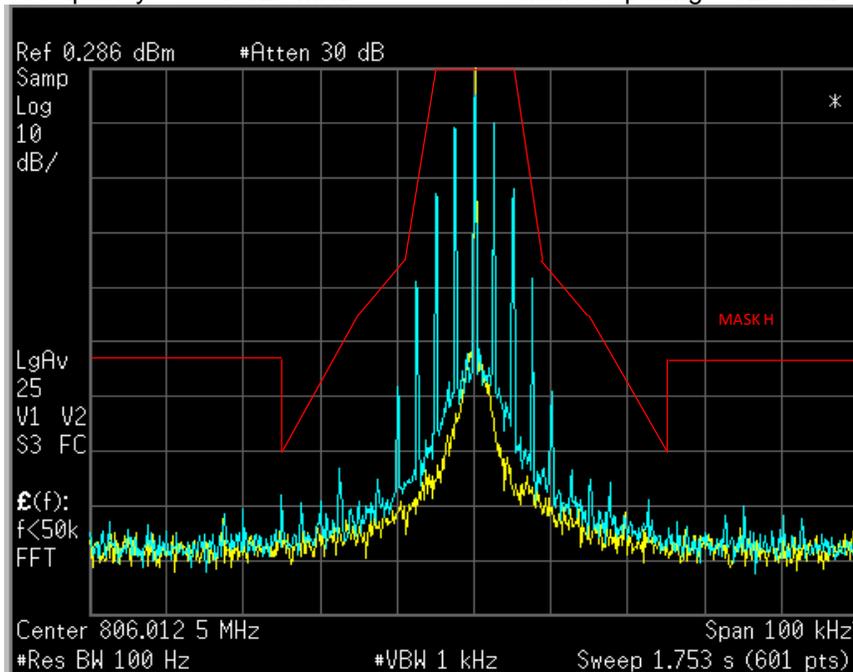


Exhibit 6E-55 (Not for IC review)

Occupied Bandwidth (Analog Voice : 11K0F3E)

Frequency = 853.9875 MHz

Channel Spacing = 12.5 kHz

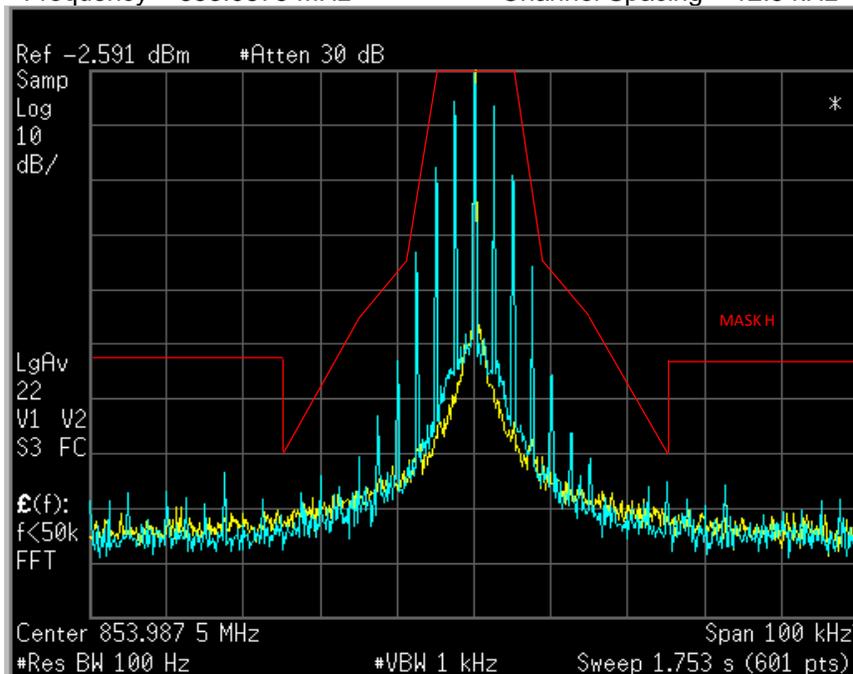


Exhibit 6E-56 (Not for IC review)

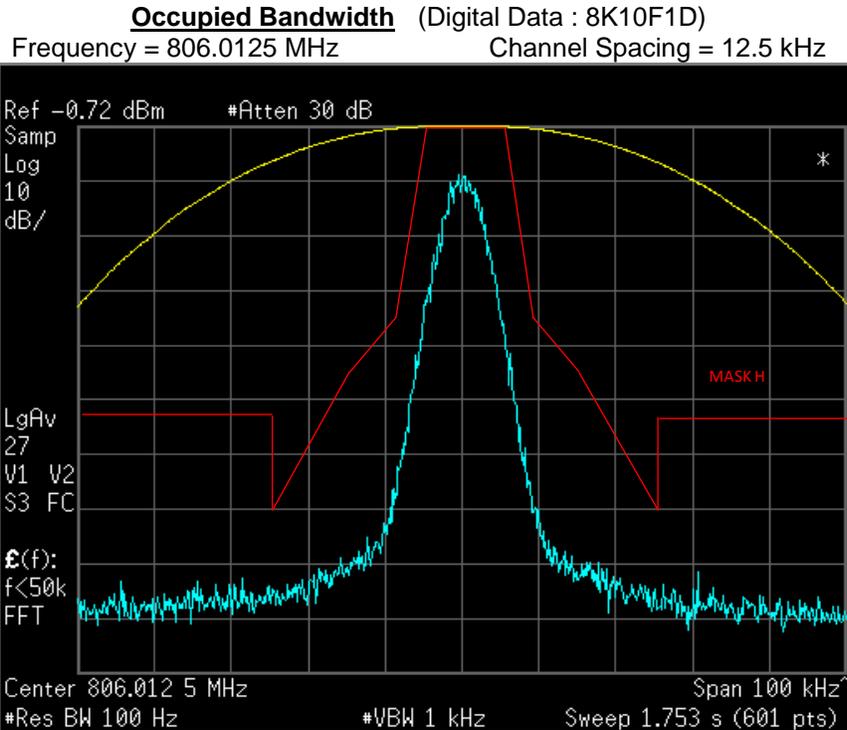


Exhibit 6E-57 (Not for IC review)

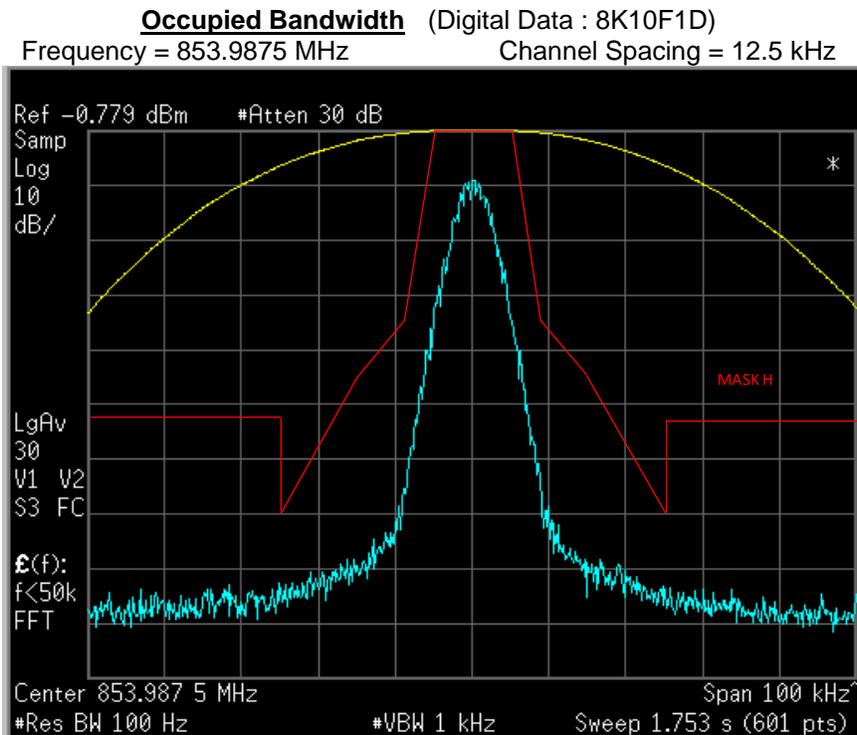


Exhibit 6E-58 (Not for IC review)

Occupied Bandwidth (Digital Voice : 8K10F1E)
Frequency = 806.0125 MHz Channel Spacing = 12.5 kHz

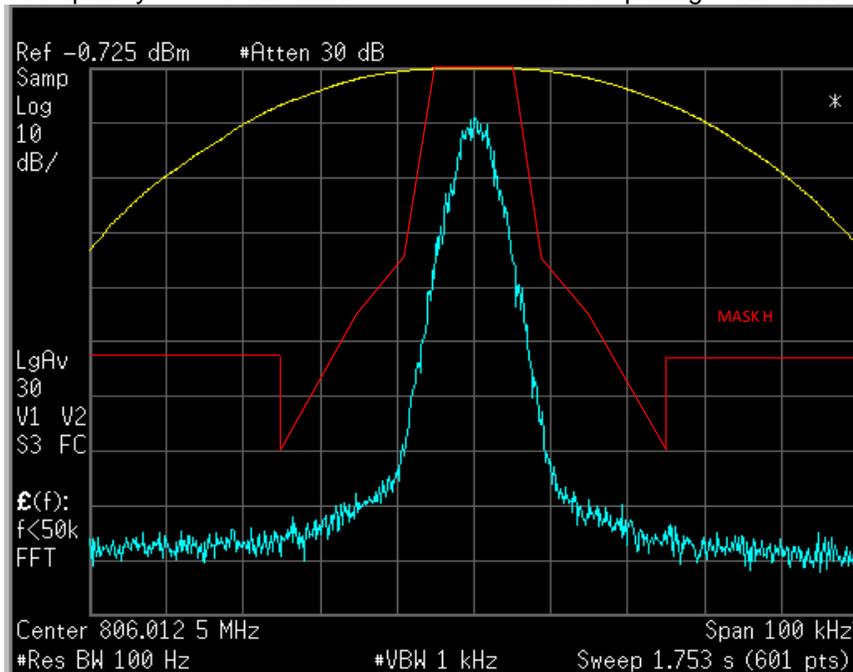


Exhibit 6E-59 (Not for IC review)

Occupied Bandwidth (Digital Voice : 8K10F1E)
Frequency = 853.9875 MHz Channel Spacing = 12.5 kHz

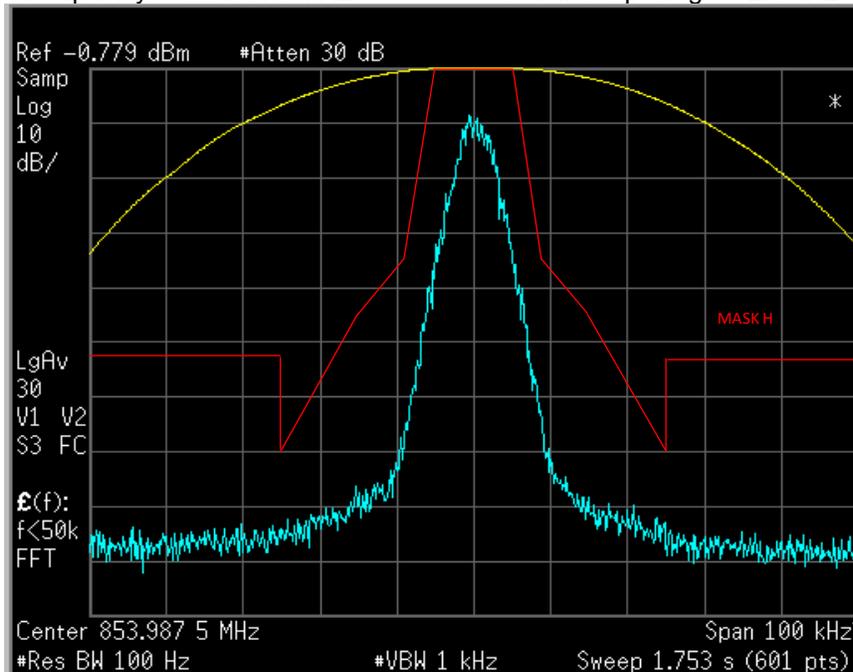


Exhibit 6E-60 (Not for IC review)

Occupied Bandwidth (Digital TDMA : 8K10F1W)

Frequency = 806.0125 MHz

Channel Spacing = 12.5 kHz

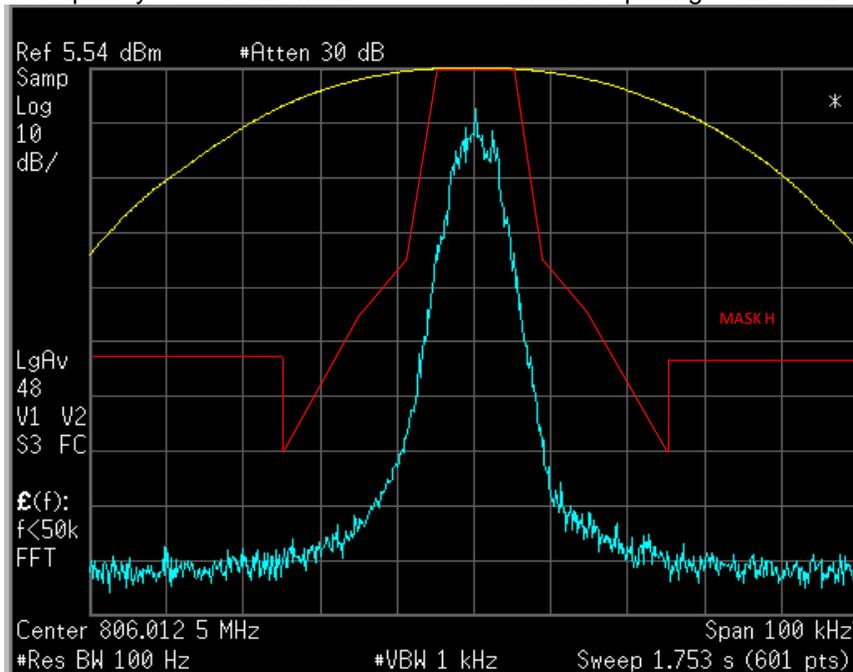


Exhibit 6E-61 (Not for IC review)

Occupied Bandwidth (Digital TDMA : 8K10F1W)

Frequency = 853.9875 MHz

Channel Spacing = 12.5 kHz

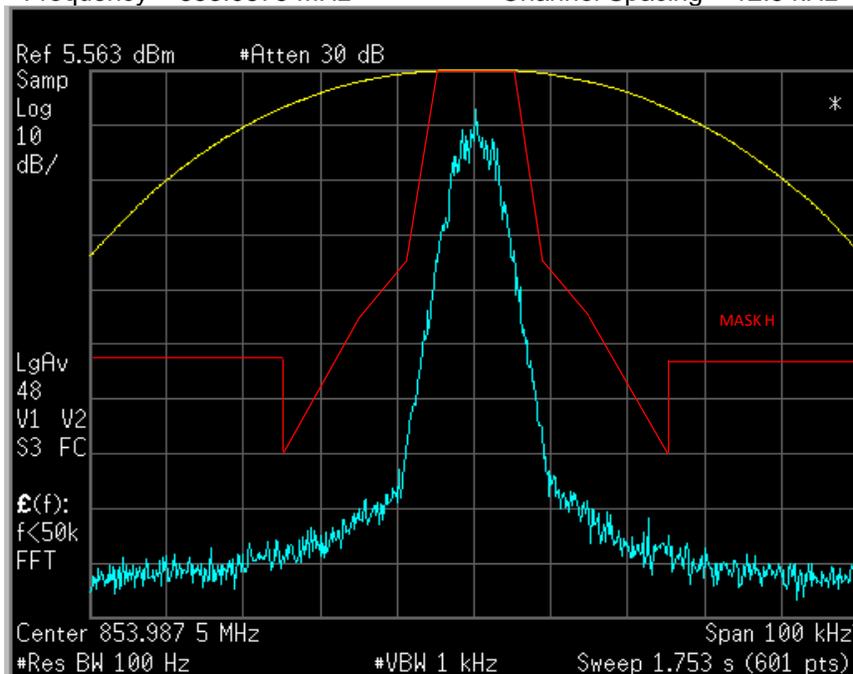


Exhibit 6E-62 (Not for IC review)

Occupied Bandwidth (Digital Voice Encryption : 8K10F1E)
Frequency = 806.0125 MHz Channel Spacing = 12.5 kHz

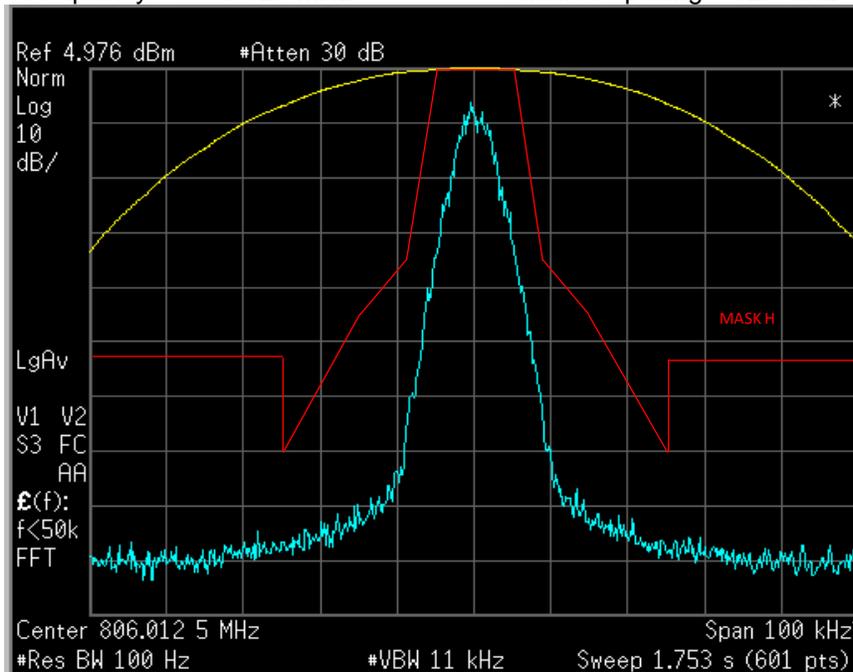


Exhibit 6E-63 (Not for IC review)

Occupied Bandwidth (Digital Voice Encryption : 8K10F1E)
Frequency = 853.9875 MHz Channel Spacing = 12.5 kHz

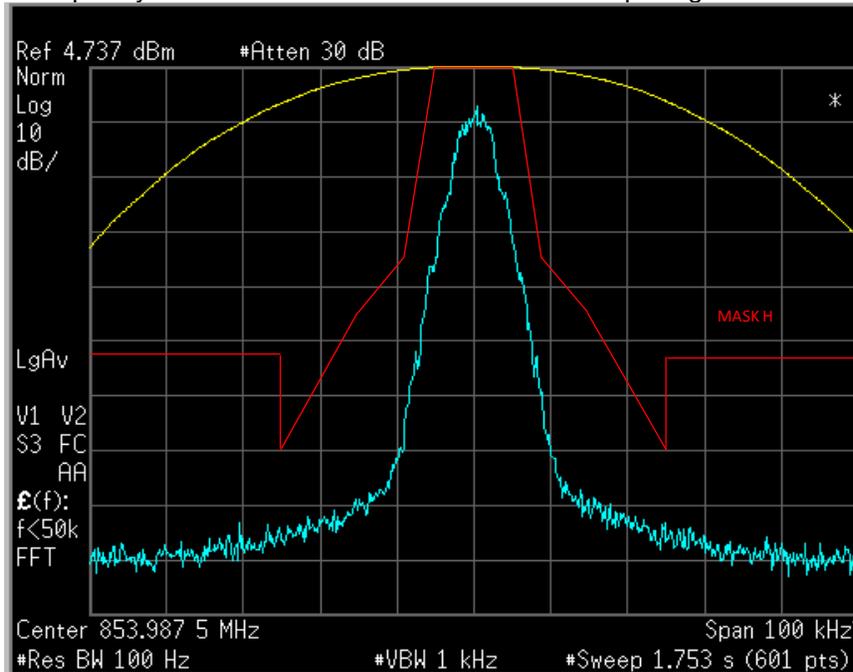


Exhibit 6E-64 (Not for IC review)

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

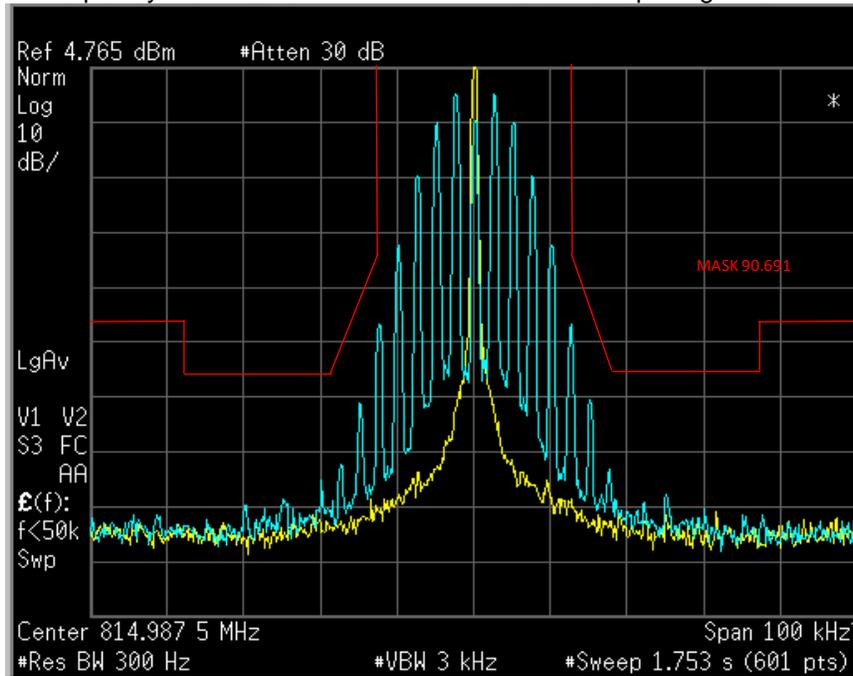


Exhibit 6E-65 (Not for IC review)

Occupied Bandwidth (Analog Voice : 16K0F3E)
Frequency = 860.0125 MHz Channel Spacing = 25 kHz

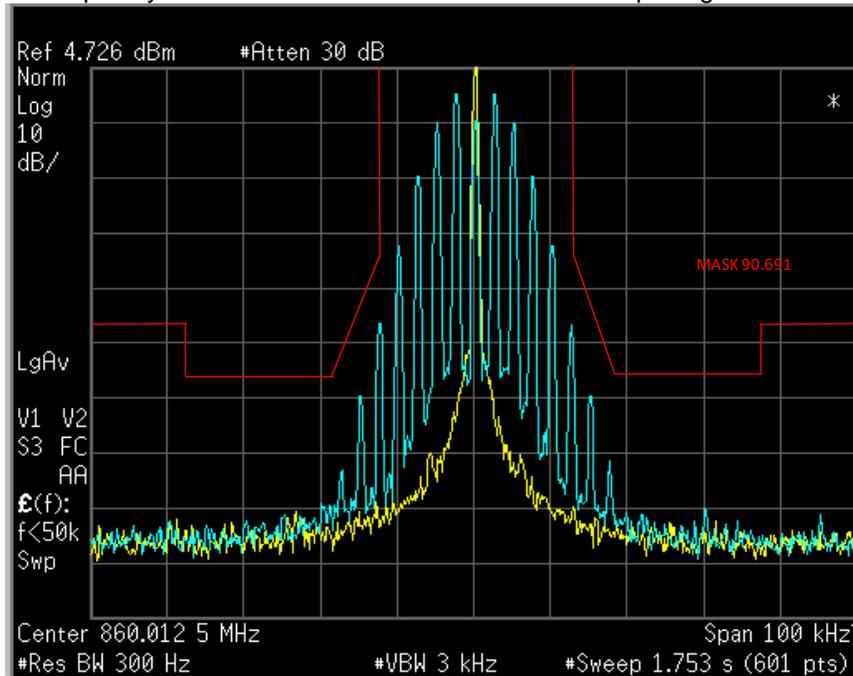


Exhibit 6E-66 (Not for IC review)

Occupied Bandwidth (Analog Voice : 11K0F3E)

Frequency = 814.9875 MHz

Channel Spacing = 12.5 kHz

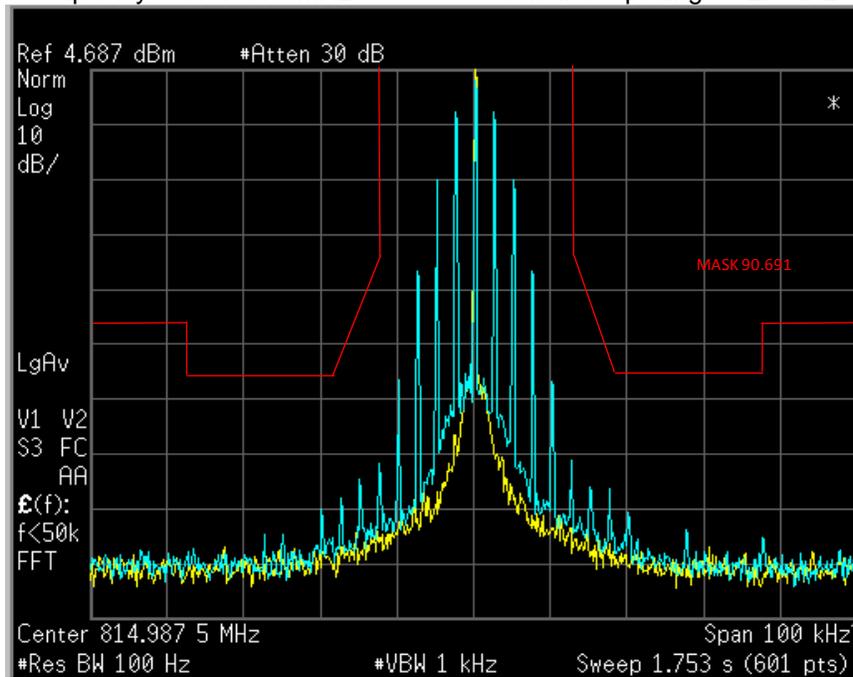


Exhibit 6E-67 (Not for IC review)

Occupied Bandwidth (Analog Voice : 11K0F3E)

Frequency = 860.0125 MHz

Channel Spacing = 12.5 kHz

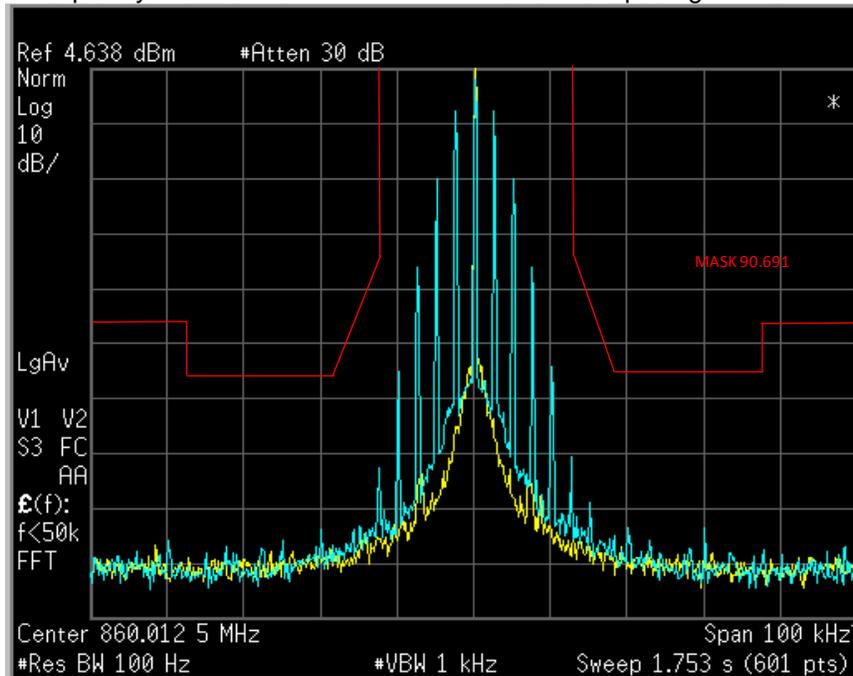


Exhibit 6E-68 (Not for IC review)

Occupied Bandwidth (Digital Data : 8K10F1D)

Frequency = 814.9875 MHz Channel Spacing = 12.5 kHz

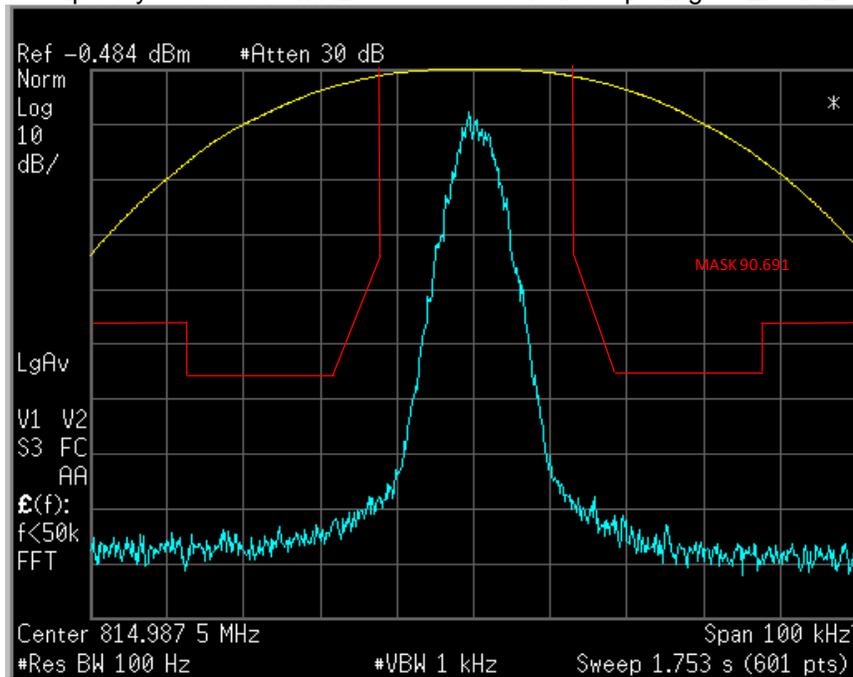


Exhibit 6E-69 (Not for IC review)

Occupied Bandwidth (Digital Data : 8K10F1D)

Frequency = 860.0125 MHz Channel Spacing = 12.5 kHz

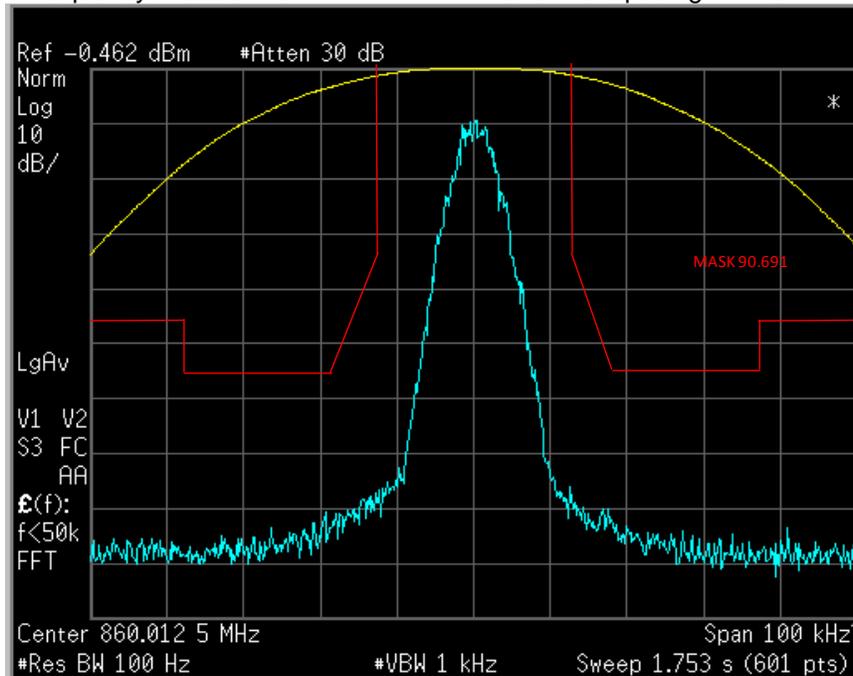


Exhibit 6E-70 (Not for IC review)

Occupied Bandwidth (Digital Voice : 8K10F1E)
Frequency = 814.9875 MHz Channel Spacing = 12.5 kHz

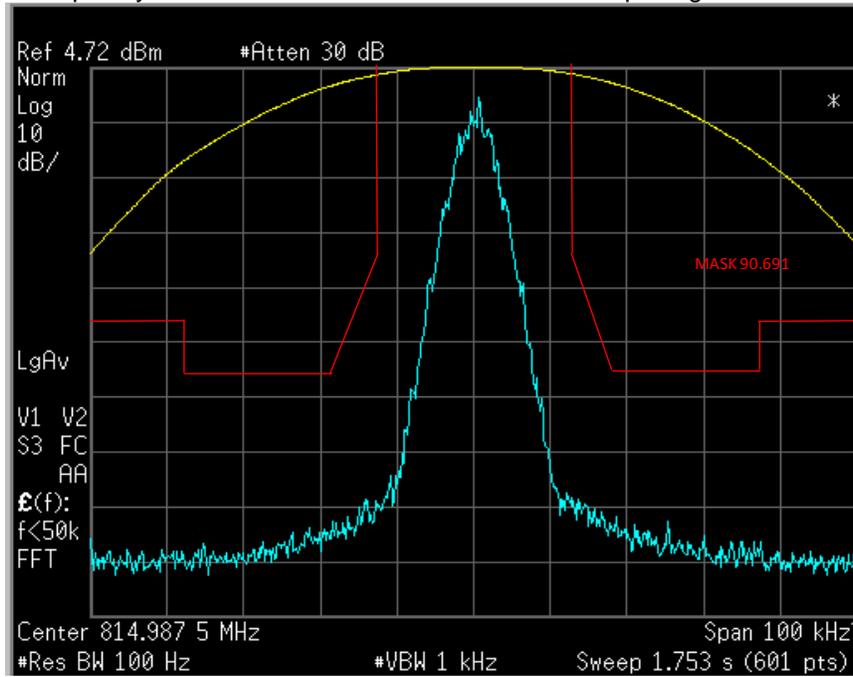


Exhibit 6E-71 (Not for IC review)

Occupied Bandwidth (Digital Voice : 8K10F1E)
Frequency = 860.0125 MHz Channel Spacing = 12.5 kHz

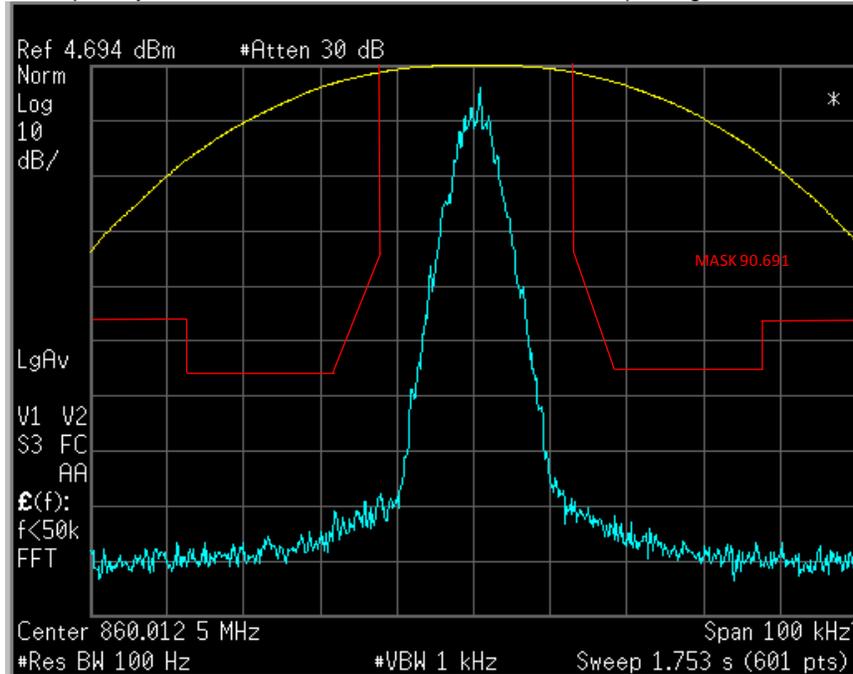


Exhibit 6E-72 (Not for IC review)

Occupied Bandwidth (Digital TDMA : 8K10F1W)

Frequency = 814.9875 MHz

Channel Spacing = 12.5 kHz

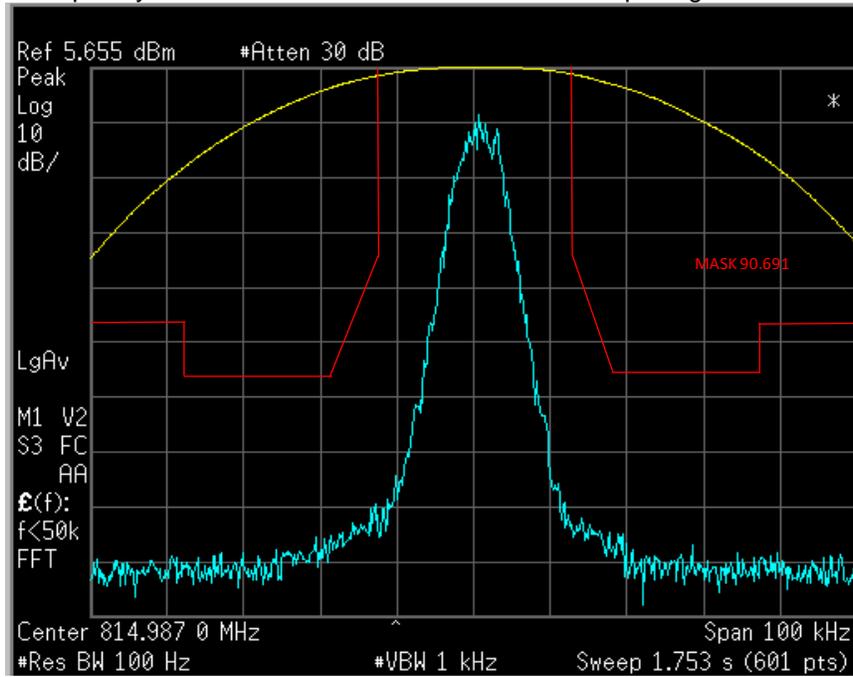


Exhibit 6E-73 (Not for IC review)

Occupied Bandwidth (Digital TDMA : 8K10F1W)

Frequency = 860.0125 MHz

Channel Spacing = 12.5 kHz

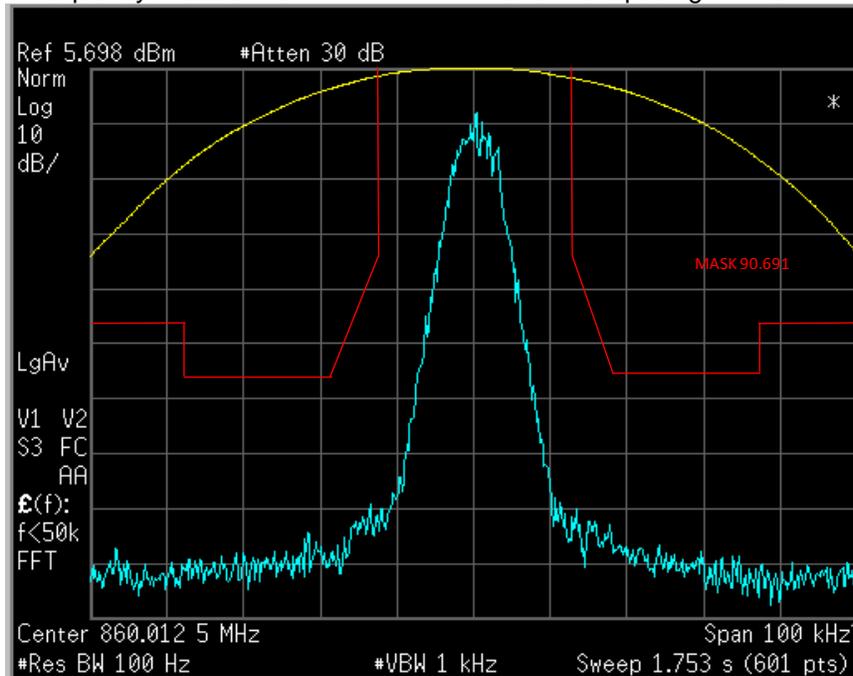


Exhibit 6E-74 (Not for IC review)

Occupied Bandwidth (Digital Voice Encryption : 8K10F1E)
Frequency = 814.9875 MHz Channel Spacing = 12.5 kHz

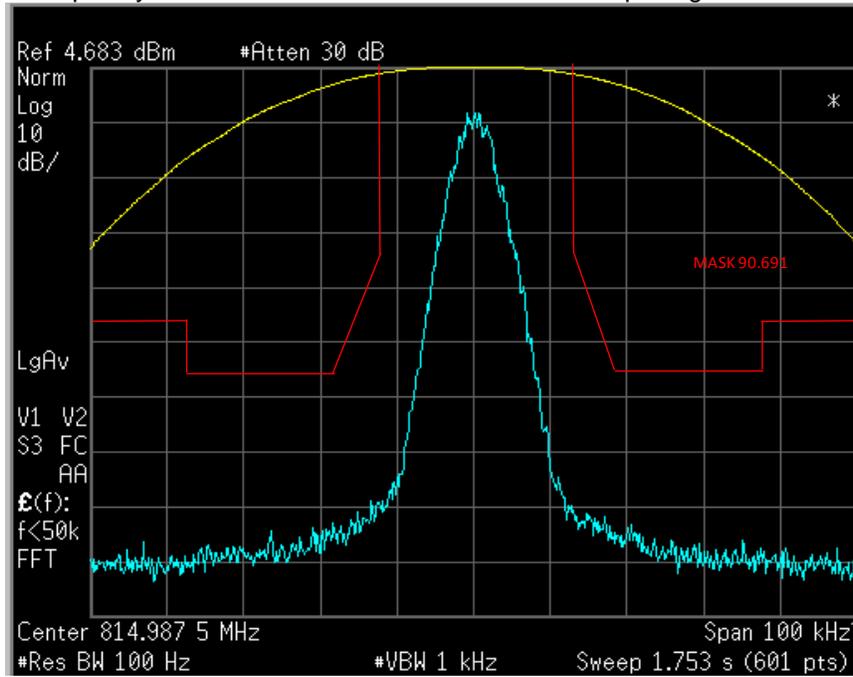


Exhibit 6E-75 (Not for IC review)

Occupied Bandwidth (Digital Voice Encryption : 8K10F1E)
Frequency = 860.0125 MHz Channel Spacing = 12.5 kHz

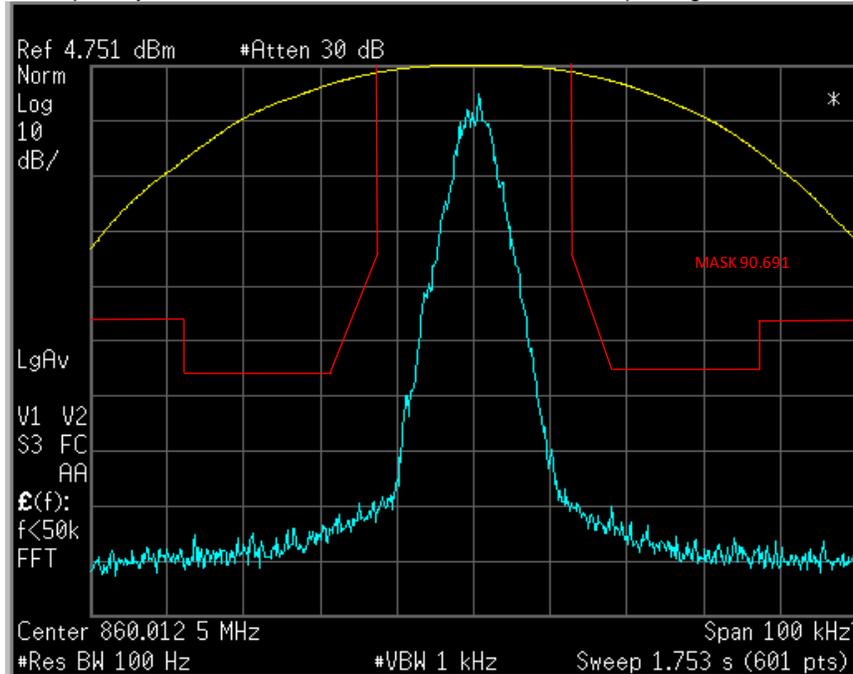


Exhibit 6E-76 (Not for IC review)

Occupied Bandwidth (Analog Voice Encryption : 20K0F1E)
Frequency = 814.9875 MHz Channel Spacing = 20 kHz

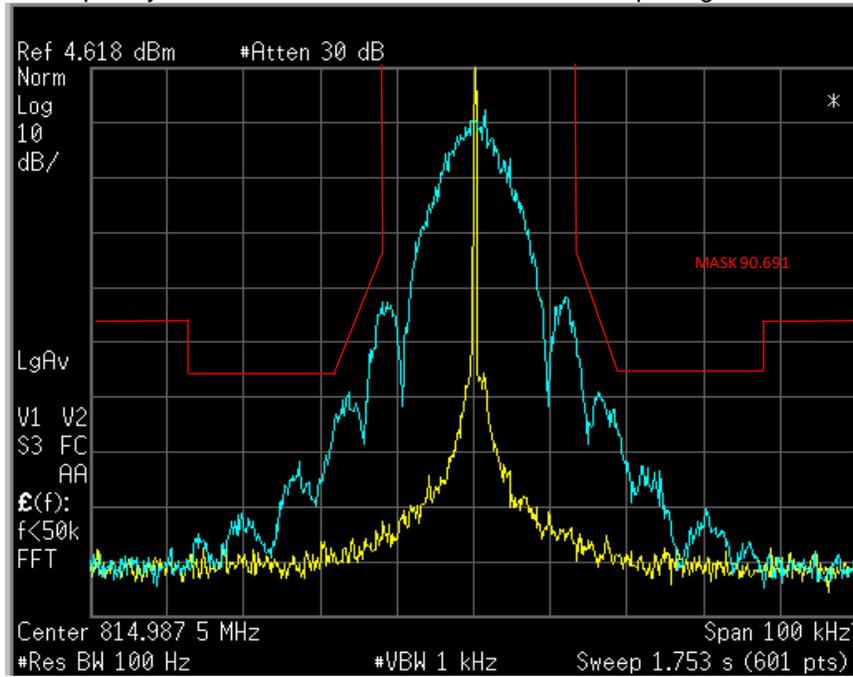


Exhibit 6E-77 (Not for IC review)

Occupied Bandwidth (Analog Voice Encryption : 20K0F1E)
Frequency = 860.0125 MHz Channel Spacing = 20 kHz

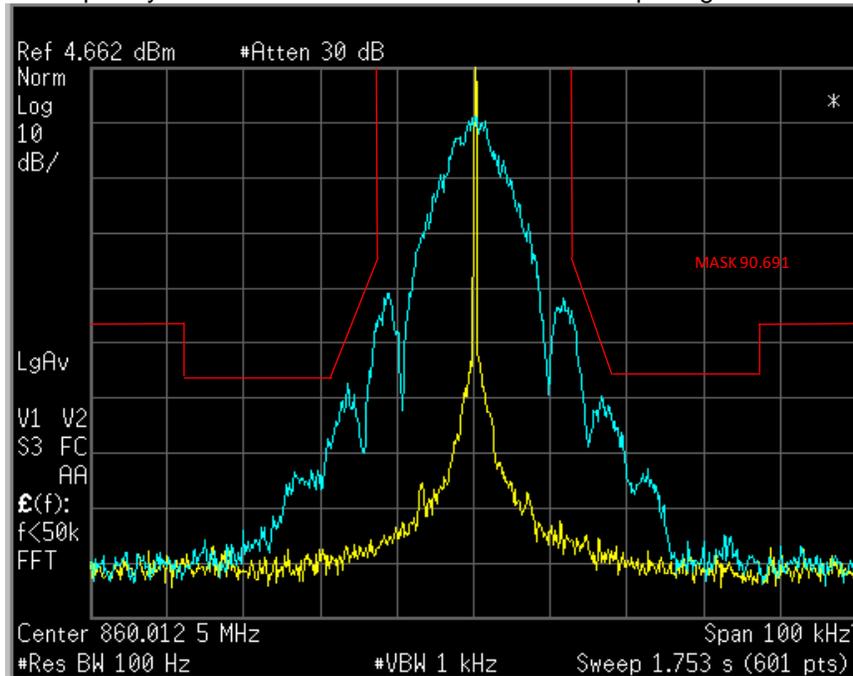


Exhibit 6E-78 (Not for IC review)

99% Occupied Bandwidth Power

Spectrum Analyzer setting as below:

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

Description	Occupied Bandwidth Power (99%)
Carrier, Analog Voice, 25kHz channel, 16K0F3E	15.671 kHz
Carrier, Analog Voice, 12.5 kHz channel, 11K0F3E	10.116 kHz
Carrier, Digital Data, 12.5kHz channel, 8K10F1D	7.791 kHz
Carrier, Digital Voice, 12.5kHz channel, 8K10F1E	7.554 kHz
Carrier, Digital Voice Encryption, 12.5kHz channel, 8K10F1E	7.892 kHz
Carrier, Digital TDMA, 12.5kHz channel, 8K10F1W	7.954 kHz
Carrier, Analog Voice Encryption, 20 kHz channel, 20K0F1E	12.476 kHz

****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 30 dB attenuation in order to avoid damage to it.
- Therefore the reference power level (Ref) shown on each plot refers to its true power level.
- All Occupied Bandwidth plots were tested at max power.

EXHIBIT 6F**Adjacent Channel Coupled Power Ratio**

Analog Voice - 11K0F3E				
Frequency	769.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-50.31	-47.36	-40
15.625	6.25	-70.13	-69.87	-60
21.875	6.25	-72.66	-74.85	-60
37.500	25	-70.08	-66.05	-60
62.500	25	-73.61	-73.67	-65
87.500	25	-76.24	-76.36	-65
150.000	100	-74.51	-74.57	-65
250.000	100	-81.13	-81.54	-65
350.000	100	-84.54	-84.39	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-1

Analog Voice - 11K0F3E				
Frequency	774.8875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-50.23	-48.13	-40
15.625	6.25	-70.15	-69.17	-60
21.875	6.25	-71.87	-69.59	-60
37.500	25	-70.99	-70.86	-60
62.500	25	-73.55	-73.88	-65
87.500	25	-75.96	-75.39	-65
150.000	100	-74.27	-75.04	-65
250.000	100	-81.54	-82.17	-65
350.000	100	-82.92	-83.55	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-2

Analog Voice - 11K0F3E				
Frequency	799.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-50.66	-47.18	-40
15.625	6.25	-70.68	-70.25	-60
21.875	6.25	-73.45	-72.91	-60
37.500	25	-71.11	-71.43	-60
62.500	25	-74.61	-74.49	-65
87.500	25	-73.91	-74	-65
150.000	100	-72.87	-73.93	-65
250.000	100	-81.09	-81.21	-65
350.000	100	-82.68	-83.14	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-3

Analog Voice - 11K0F3E				
Frequency	804.9125 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-50.55	-47.14	-40
15.625	6.25	-70.19	-70.83	-60
21.875	6.25	-74.82	-75.41	-60
37.500	25	-72.14	-72.01	-60
62.500	25	-74.45	-74.39	-65
87.500	25	-80.17	-73.51	-65
150.000	100	-72.91	-73.11	-65
250.000	100	-80.58	-81.88	-65
350.000	100	-82.93	-83.07	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-4

Analog Voice - 16K0F3E				
Frequency	769.0875 MHz			
Channel Spacing	25 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-68.61	-67.5	-40
21.875	6.25	-72.65	-73.73	-60
37.500	25	-76.67	-71.06	-60
62.500	25	-74.02	-73.74	-65
87.500	25	-75.71	-75.16	-65
150.000	100	-74.71	-74.88	-65
250.000	100	-81.44	-82.26	-65
350.000	100	-84.54	-84.36	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-5

Analog Voice - 16K0F3E				
Frequency	774.8875 MHz			
Channel Spacing	25 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-68.12	-67.85	-40
21.875	6.25	-73.12	-73.62	-60
37.500	25	-76.17	-77.85	-60
62.500	25	-74.23	-74.25	-65
87.500	25	-75.42	-75.97	-65
150.000	100	-79.87	-81.81	-65
250.000	100	-80.94	-81.6	-65
350.000	100	-84.21	-83.67	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-6

Analog Voice - 16K0F3E				
Frequency	799.0875 MHz			
Channel Spacing	25 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-67.66	-68.79	-40
21.875	6.25	-73.75	-71.88	-60
37.500	6.25	-70.98	-71.47	-60
62.500	25	-73.93	-74.17	-65
87.500	25	-75.15	-75.23	-65
150.000	25	-79.8	-80.59	-65
250.000	100	-80.99	-80.68	-65
350.000	100	-82.82	-82.95	-65
400k - 12M	100	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-7

Analog Voice - 16K0F3E				
Frequency	804.9125 MHz			
Channel Spacing	25 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-51.85	-69.33	-40
21.875	6.25	-70.33	-71.83	-60
37.500	6.25	-75.61	-76.25	-60
62.500	25	-73.71	-73.68	-65
87.500	25	-74.45	-74.4	-65
150.000	25	-83.62	-79.65	-65
250.000	100	-80.94	-81.11	-65
350.000	100	-83.01	-83.35	-65
400k - 12M	100	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-8

Analog Voice Encryption - 20K0F1E				
Frequency	769.0875 MHz			
Channel Spacing	20 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-68.6	-66.47	-40
21.875	6.25	-72.59	-73.05	-60
37.500	25	-72.1	-71.94	-60
62.500	25	-75.16	-75.16	-65
87.500	25	-77.99	-77.89	-65
150.000	100	-75.94	-76.61	-65
250.000	100	-81.72	-82.08	-65
350.000	100	-84.68	-84.47	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-9

Analog Voice Encryption - 20K0F1E				
Frequency	774.8875 MHz			
Channel Spacing	20 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-68.55	-66.13	-40
21.875	6.25	-73.93	-73.04	-60
37.500	25	-74.3	-71.42	-60
62.500	25	-74.94	-75.2	-65
87.500	25	-78.57	-77.97	-65
150.000	100	-75.62	-76.49	-65
250.000	100	-81.61	-81.26	-65
350.000	100	-83.95	-84.18	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-10

Analog Voice Encryption - 20K0F1E				
Frequency	799.0875 MHz			
Channel Spacing	20 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-68.36	-66.9	-40
21.875	6.25	-74.51	-73.92	-60
37.500	25	-71.56	-71.15	-60
62.500	25	-77.63	-75.13	-65
87.500	25	-78.36	-77.83	-65
150.000	100	-75.83	-75.95	-65
250.000	100	-80.99	-81.22	-65
350.000	100	-83.02	-83.43	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-11

Analog Voice Encryption - 20K0F1E				
Frequency	804.9125 MHz			
Channel Spacing	20 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
15.625	6.25	-68.86	-67.11	-40
21.875	6.25	-73.43	-72.83	-60
37.500	25	-72.14	-72.13	-60
62.500	25	-75.87	-75.25	-65
87.500	25	-77.68	-77.91	-65
150.000	100	-75.06	-74.96	-65
250.000	100	-80.36	-80.91	-65
350.000	100	-82.59	-83.61	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-12

Digital Voice - 8K10F1E				
Frequency	769.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-42.67	-43.01	-40
15.625	6.25	-70.15	-68.31	-60
21.875	6.25	-72.89	-70.83	-60
37.500	25	-71.26	-72.3	-60
62.500	25	-74.25	-73.93	-65
87.500	25	-74.78	-74.67	-65
150.000	100	-74.15	-74.41	-65
250.000	100	-80.19	-80.89	-65
350.000	100	-83.16	-84.71	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-13

Digital Voice - 8K10F1E				
Frequency	774.8875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-49.92	-50.1	-40
15.625	6.25	-69.17	-68.69	-60
21.875	6.25	-71.76	-72.89	-60
37.500	25	-71.87	-70.68	-60
62.500	25	-73.9	-73.74	-65
87.500	25	-74.74	-74.68	-65
150.000	100	-73.45	-74.62	-65
250.000	100	-78.98	-80.74	-65
350.000	100	-81.48	-82.62	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-14

Digital Voice - 8K10F1E				
Frequency	799.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-47.43	-46.54	-40
15.625	6.25	-68.84	-68.52	-60
21.875	6.25	-72.59	-72.16	-60
37.500	25	-71.14	-71.38	-60
62.500	25	-74.51	-73.99	-65
87.500	25	-73.25	-74.76	-65
150.000	100	-74.81	-75.37	-65
250.000	100	-81.85	-82.7	-65
350.000	100	-81.65	-81.17	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-15

Digital Voice - 8K10F1E				
Frequency	804.9125 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-48.97	-49.8	-40
15.625	6.25	-70.26	-71.11	-60
21.875	6.25	-74.57	-73.92	-60
37.500	25	-70.58	-71.93	-60
62.500	25	-74.36	-75.71	-65
87.500	25	-72.13	-72.74	-65
150.000	100	-71.72	-71.84	-65
250.000	100	-79.65	-79.55	-65
350.000	100	-83.39	-83.68	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-16

Digital Data - 8K10F1D				
Frequency	769.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-47.7	-45.86	-40
15.625	6.25	-68.88	-70.01	-60
21.875	6.25	-71.36	-72.33	-60
37.500	25	-70.43	-71.09	-60
62.500	25	-75.07	-73.61	-65
87.500	25	-75.46	-76.14	-65
150.000	100	-75.48	-76.01	-65
250.000	100	-80.56	-80.9	-65
350.000	100	-84.04	-84.28	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-17

Digital Data - 8K10F1D				
Frequency	774.8875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-45.79	-44.36	-40
15.625	6.25	-69.31	-69.36	-60
21.875	6.25	-72.17	-73.56	-60
37.500	25	-70.26	-71.72	-60
62.500	25	-73.81	-74.32	-65
87.500	25	-75.65	-75.83	-65
150.000	100	-74.26	-74.96	-65
250.000	100	80.35	82.27	-65
350.000	100	-84.55	-83.5	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-18

Digital Data - 8K10F1D				
Frequency	799.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	48.42	-46.16	-40
15.625	6.25	-69.78	-67.97	-60
21.875	6.25	-74.19	-74.1	-60
37.500	25	-70.92	-71.8	-60
62.500	25	-73.98	-74.56	-65
87.500	25	-72.99	-73.71	-65
150.000	100	-72.37	-73.28	-65
250.000	100	-81.47	-81.05	-65
350.000	100	-82.69	-82.92	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-19

Digital Data - 8K10F1D				
Frequency	804.9125 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-44	-43.82	-40
15.625	6.25	-69.91	-70.61	-60
21.875	6.25	-71.21	-73.05	-60
37.500	25	-71.41	-71.76	-60
62.500	25	-74.65	-74	-65
87.500	25	-73.38	-73.46	-65
150.000	100	-71.92	-71.6	-65
250.000	100	-81.96	-81.35	-65
350.000	100	-82.28	-83.32	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-20

Digital TDMA - 8K10F1W				
Frequency	769.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-41.41	-42.73	-40
15.625	6.25	-70.19	-70.76	-60
21.875	6.25	-71.5	-71.75	-60
37.500	25	-76.62	-77	-60
62.500	25	-73.29	-73.52	-65
87.500	25	-75.35	-75.48	-65
150.000	100	-74.57	-72.42	-65
250.000	100	-83.58	-82.72	-65
350.000	100	-83.98	-84.83	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-21

Digital TDMA - 8K10F1W				
Frequency	774.8875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-45.26	-45.12	-40
15.625	6.25	-68.68	-69.38	-60
21.875	6.25	-74.79	-73.06	-60
37.500	25	-70.81	-70.08	-60
62.500	25	-73.91	-72.77	-65
87.500	25	-75.33	-74.34	-65
150.000	100	-76.29	-76.84	-65
250.000	100	-83.41	-84.2	-65
350.000	100	-85.66	86.71	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-22

Digital TDMA - 8K10F1W				
Frequency	799.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-44.14	-43.99	-40
15.625	6.25	-69.87	-69.19	-60
21.875	6.25	-74.58	-73.94	-60
37.500	25	-72.92	-70.76	-60
62.500	25	-73.88	-73.44	-65
87.500	25	-74.88	-74.19	-65
150.000	100	-74.57	-76.72	-65
250.000	100	-81.48	-83.5	-65
350.000	100	-84.27	-83.7	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-23

Digital TDMA - 8K10F1W				
Frequency	804.9125 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-52.75	-54.88	-40
15.625	6.25	-67.19	-69.83	-60
21.875	6.25	-74.55	-75.29	-60
37.500	25	-72.89	-71.76	-60
62.500	25	-74.04	-73.98	-65
87.500	25	-74.25	-74.49	-65
150.000	100	-75.58	-75.54	-65
250.000	100	-81.37	-82.12	-65
350.000	100	-84.6	-85.91	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-24

Digital Voice Encryption - 8K10F1E				
Frequency	769.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-46.25	-45.31	-40
15.625	6.25	-69.1	70.4	-60
21.875	6.25	-75.34	-72.32	-60
37.500	25	-71.63	-71.14	-60
62.500	25	-74.48	-74.86	-65
87.500	25	-78.01	-77.58	-65
150.000	100	-75.67	-76.62	-65
250.000	100	-82.86	-81.64	-65
350.000	100	-83.85	-84.79	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-25

Digital Voice Encryption - 8K10F1E				
Frequency	774.8875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-48.55	-47.63	-40
15.625	6.25	-69.04	-68.37	-60
21.875	6.25	-72.33	-73.45	-60
37.500	25	-76.99	-76.48	-60
62.500	25	-72.21	-71.02	-65
87.500	25	-73.55	-74.14	-65
150.000	100	-76.23	-75.59	-65
250.000	100	-82.1	-81.14	-65
350.000	100	-85.05	-84.41	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-26

Digital Voice Encryption - 8K10F1E				
Frequency	799.0875 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-47.77	-48.27	-40
15.625	6.25	-69.46	-70.13	-60
21.875	6.25	-73.41	-72.49	-60
37.500	25	-71.44	-73.93	-60
62.500	25	-73.65	-74.91	-65
87.500	25	-73.68	-72.22	-65
150.000	100	-75.67	-73.41	-65
250.000	100	-81.61	-83.75	-65
350.000	100	-80.37	-82.46	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-27

Digital Voice Encryption - 8K10F1E				
Frequency	804.9125 MHz			
Channel Spacing	12.5 kHz			
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dBc)
9.375	6.25	-49.97	-48.57	-40
15.625	6.25	-70.11	-69.34	-60
21.875	6.25	-73.49	-72.12	-60
37.500	25	-74.65	-74.49	-60
62.500	25	-75.68	-74.88	-65
87.500	25	-74.31	-76.11	-65
150.000	100	-80.17	-79.31	-65
250.000	100	-81.33	-81.47	-65
350.000	100	-83.31	-82.55	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - paired RX band	30 (swept)	< -75	< -75	-75
Paired RX Band	30 (swept)	< -100	< -100	-100

Exhibit 6F-28

EXHIBIT 6G
Transmitter Conducted Spurious Emissions

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: 764.0125 MHz, Power: 2.95 Watts (Analog Mode, Channel Spacing 12.5 kHz)
(Not for FCC/IC review)



Exhibit 6G-1

Freq: 769.0125 MHz, Power: 2 Watts (Analog Mode, Channel Spacing 12.5 kHz)

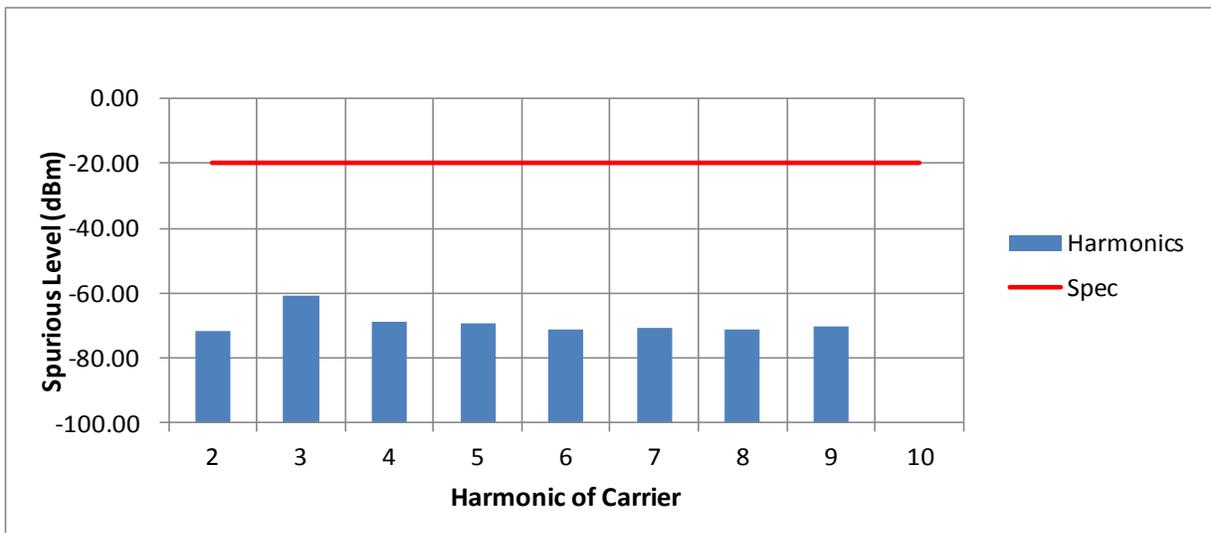


Exhibit 6G-2

Freq: 769.0875 MHz, Power: 2.95 Watts (Analog Mode, Channel Spacing 12.5 kHz)

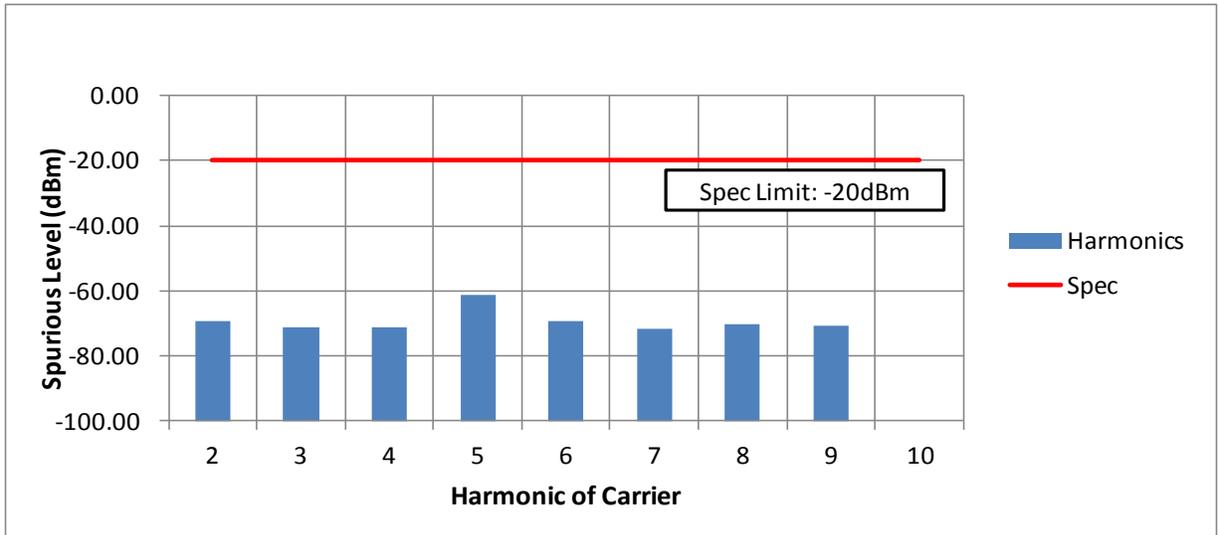


Exhibit 6G-3

Freq: 774.8875 MHz, Power: 2.95 Watts (Analog Mode, Channel Spacing 12.5 kHz)

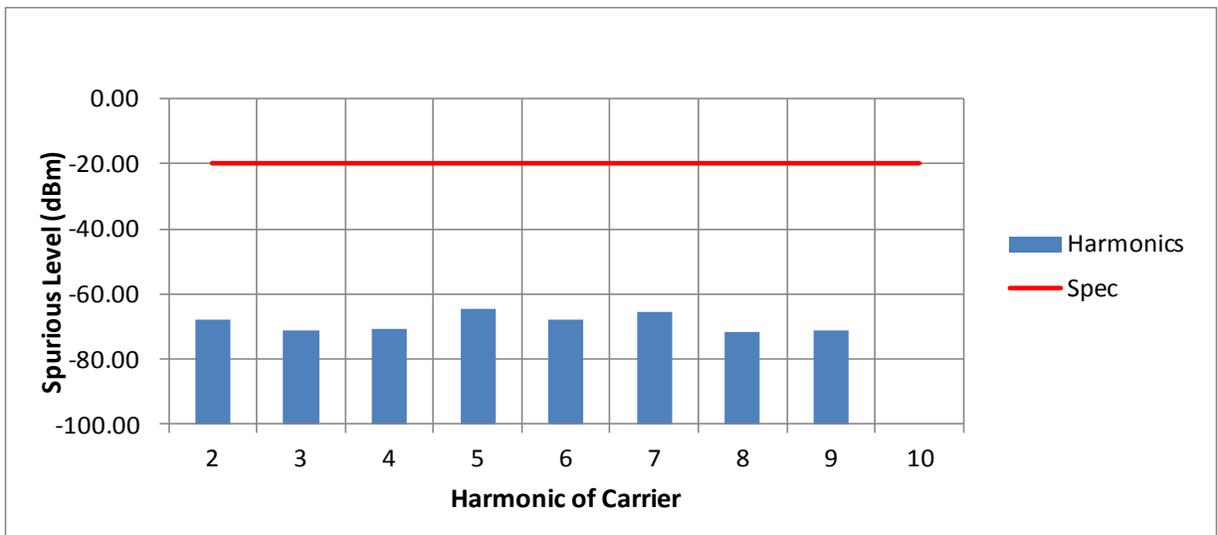


Exhibit 6G-4

Freq: 799.0875 MHz, Power: 2.95 Watts (Analog Mode, Channel Spacing 12.5 kHz)



Exhibit 6G-5

Freq: 804.9125 MHz, Power: 2.95 Watts (Analog Mode, Channel Spacing 12.5 kHz)

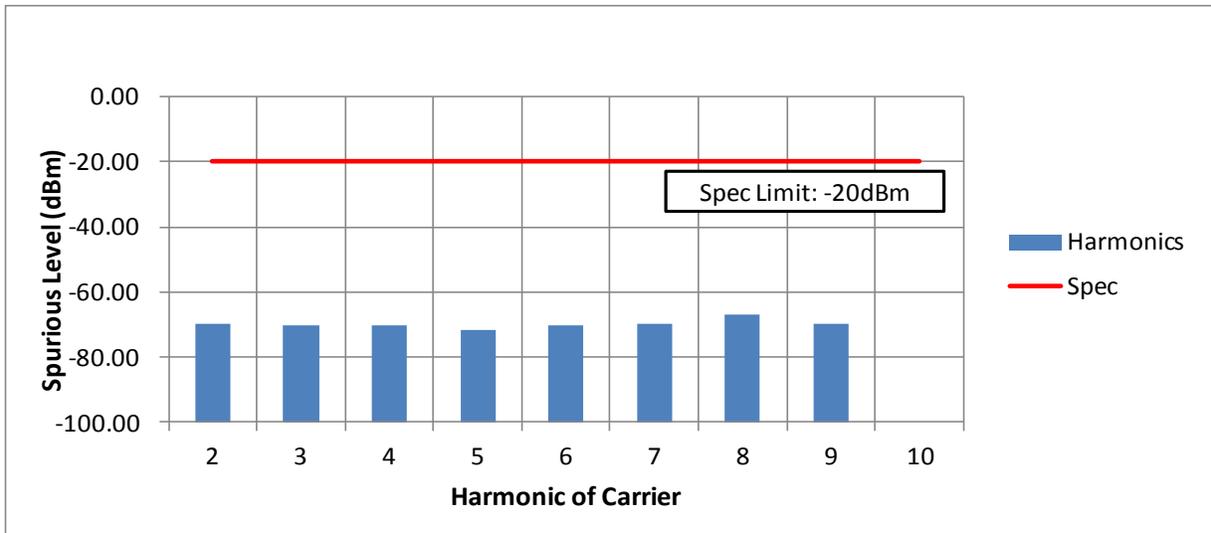


Exhibit 6G-6

Freq: 806.0125 MHz, Power: 3.6 Watts (Analog Mode, Channel Spacing 25 kHz) (Not for FCC review)

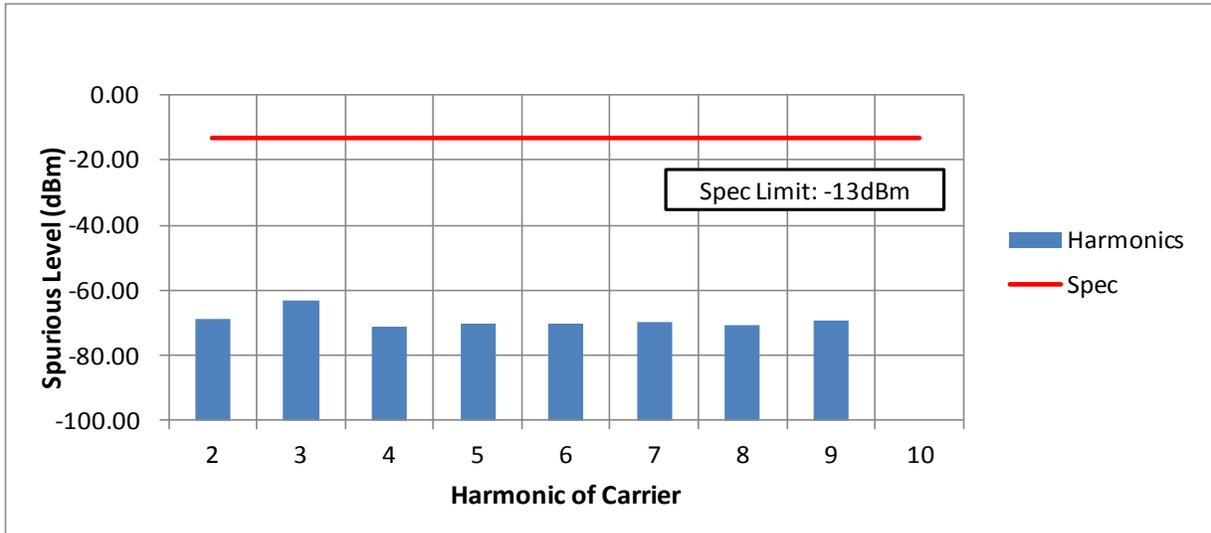


Exhibit 6G-7

Freq: 814.9875 MHz, Power: 3.6 Watts (Analog Mode, Channel Spacing 25 kHz)

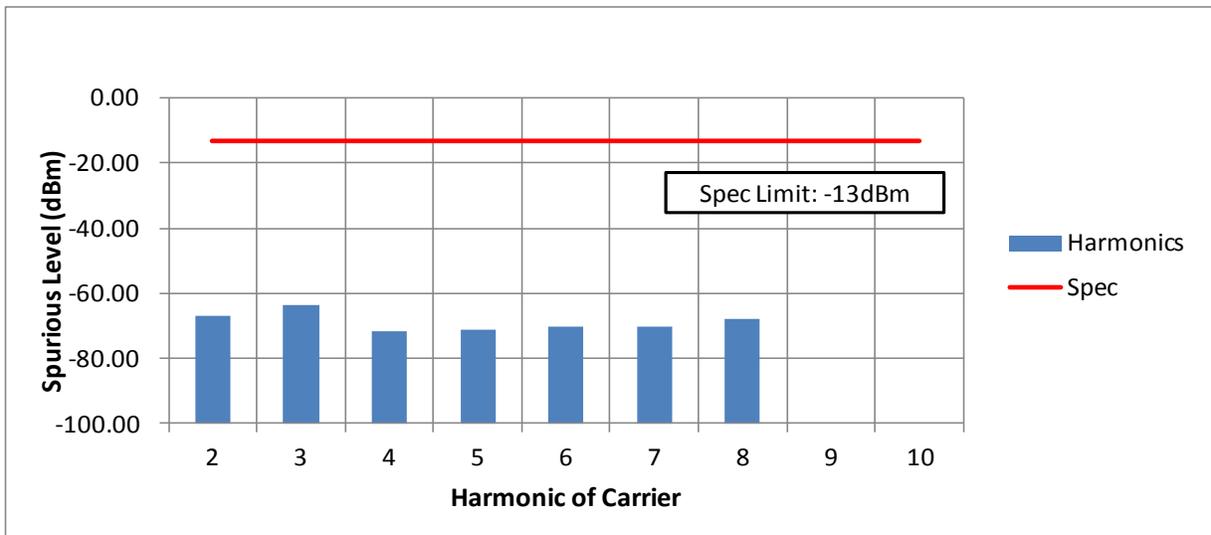


Exhibit 6G-8

Freq: 823.9875 MHz, Power: 3.6 Watts (Analog Mode, Channel Spacing 25 kHz)

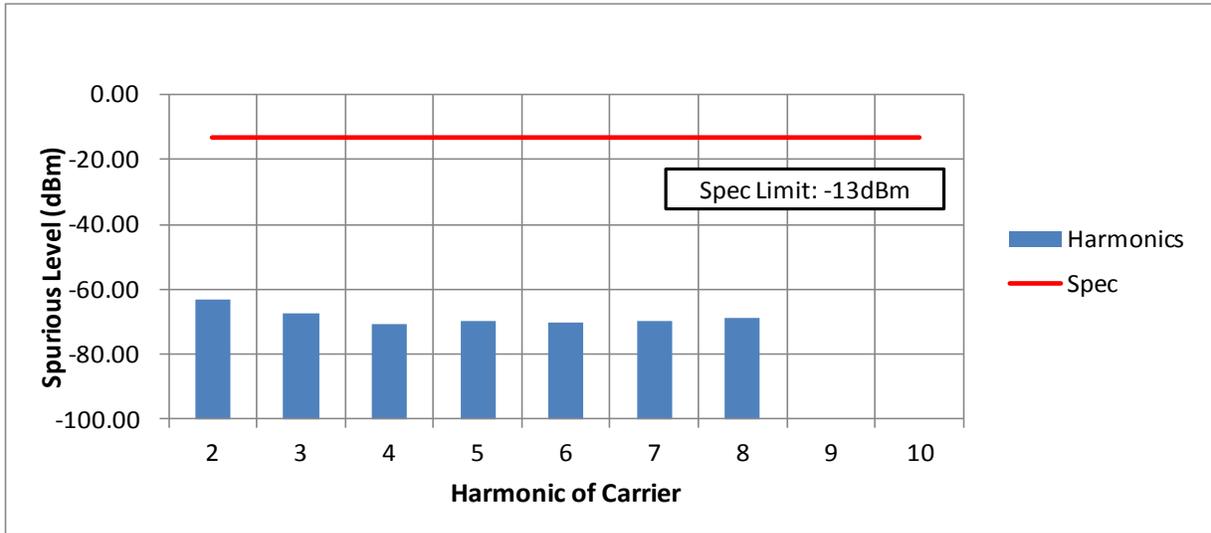


Exhibit 6G-9

Freq: 851.0125 MHz, Power: 3.6 Watts (Analog Mode, Channel Spacing 25 kHz) (Not for FCC review)

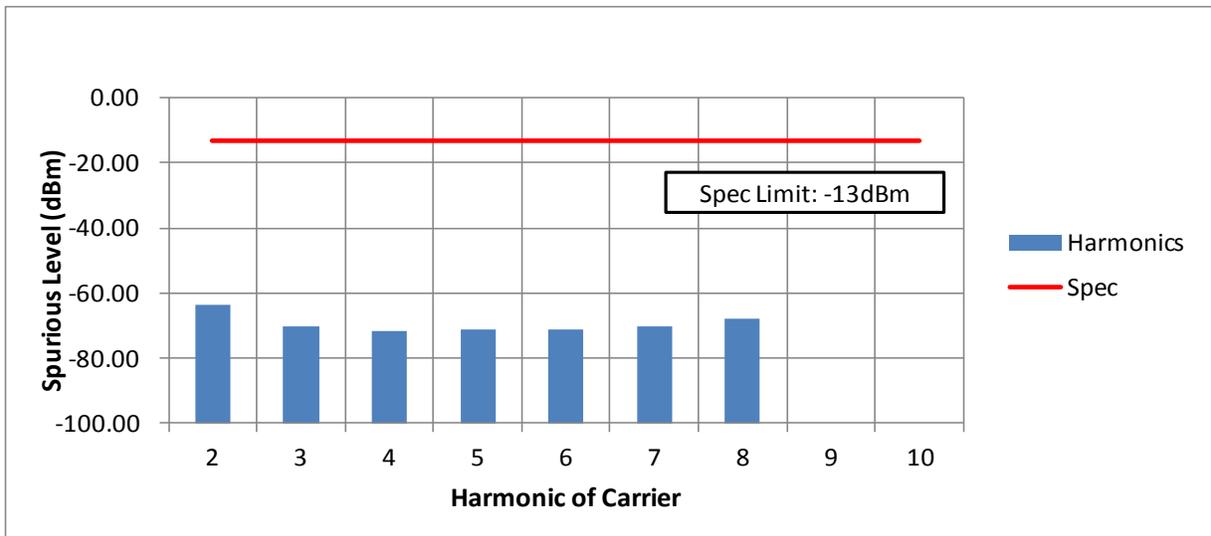


Exhibit 6G-10

Freq: 860.0125 MHz, Power: 3.6 Watts (Analog Mode, Channel Spacing 25 kHz)



Exhibit 6G-11

Freq: 868.8875 MHz, Power: 3.6 Watts (Analog Mode, Channel Spacing 25 kHz)

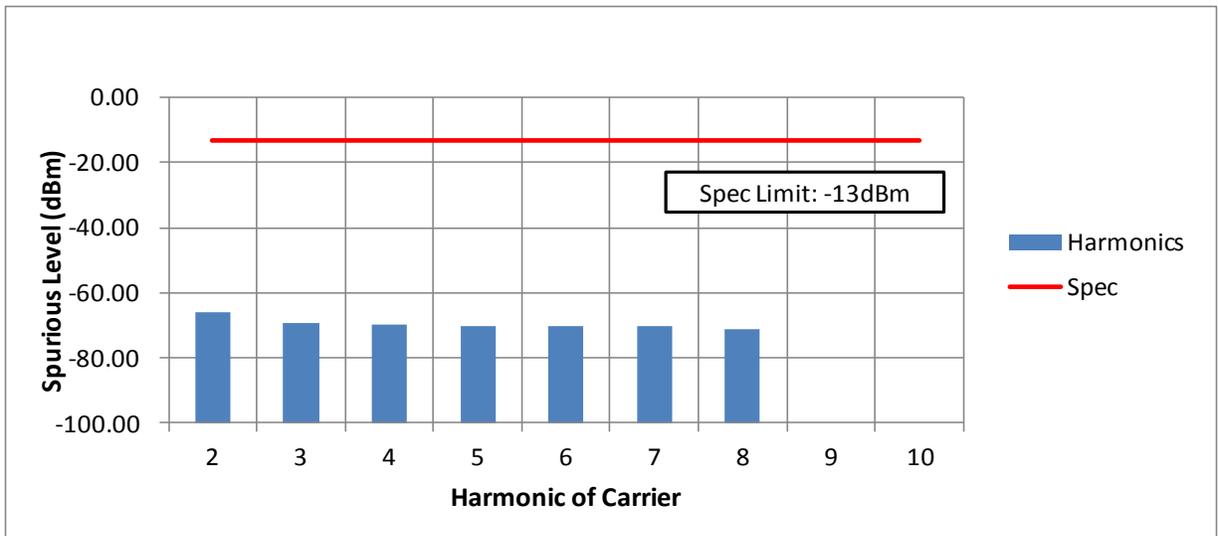


Exhibit 6G-12

Freq: 764.0125 MHz, Power: 2.95 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)
(Not for FCC/IC review)

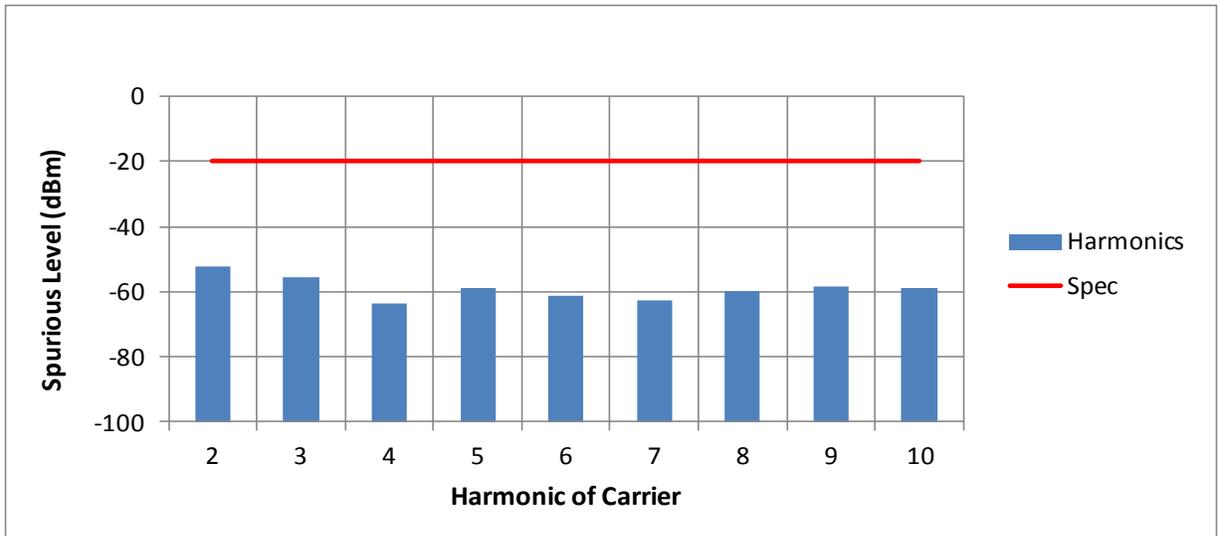


Exhibit 6G-13

Freq: 769.0125 MHz, Power: 2 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)

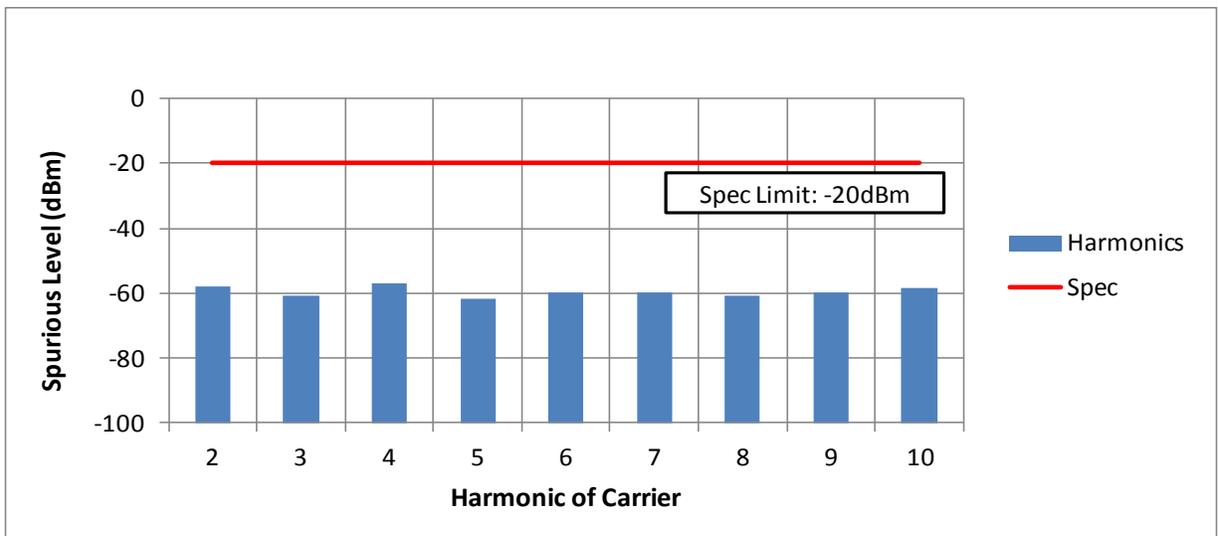


Exhibit 6G-14

Freq: 769.0875 MHz, Power: 2.95 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)

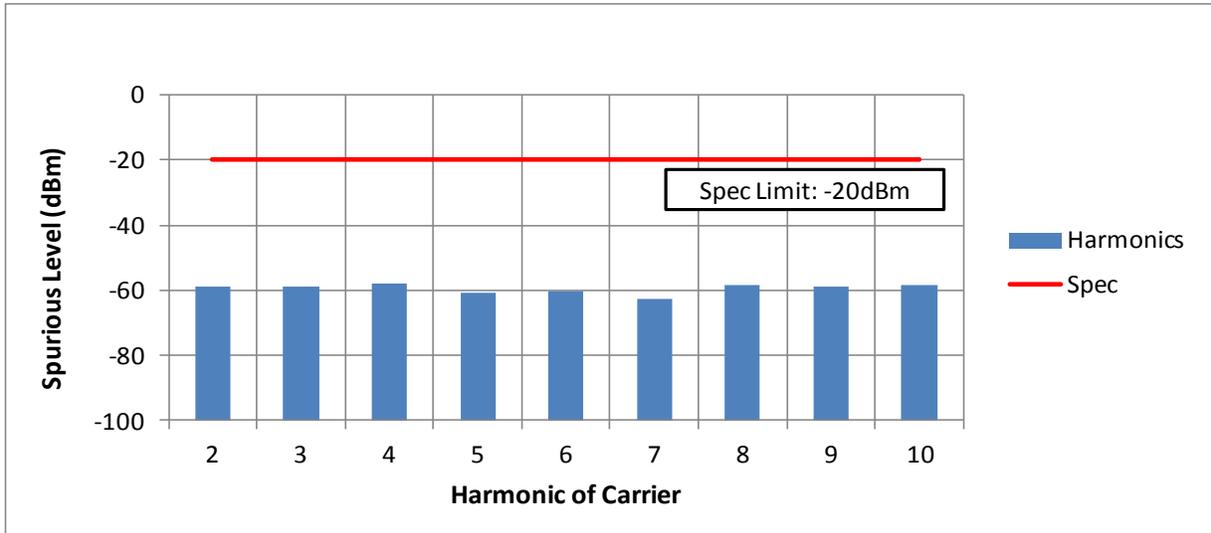


Exhibit 6G-15

Freq: 774.8875 MHz, Power: 2.95 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)

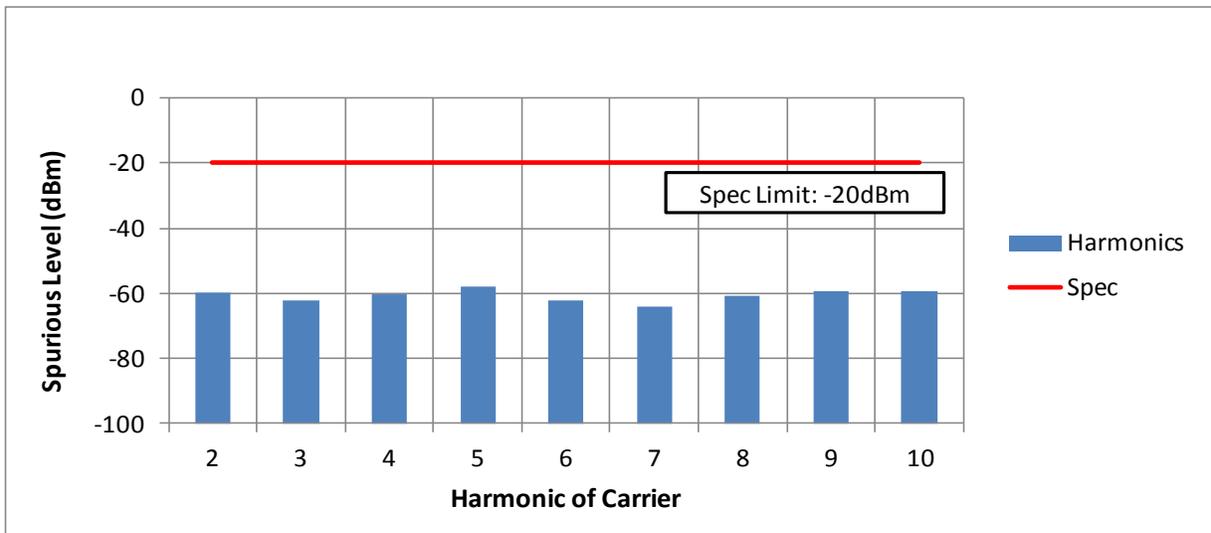


Exhibit 6G-16

Freq: 799.0875 MHz, Power: 2.95 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)



Exhibit 6G-17

Freq: 804.9125 MHz, Power: 2.95 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)

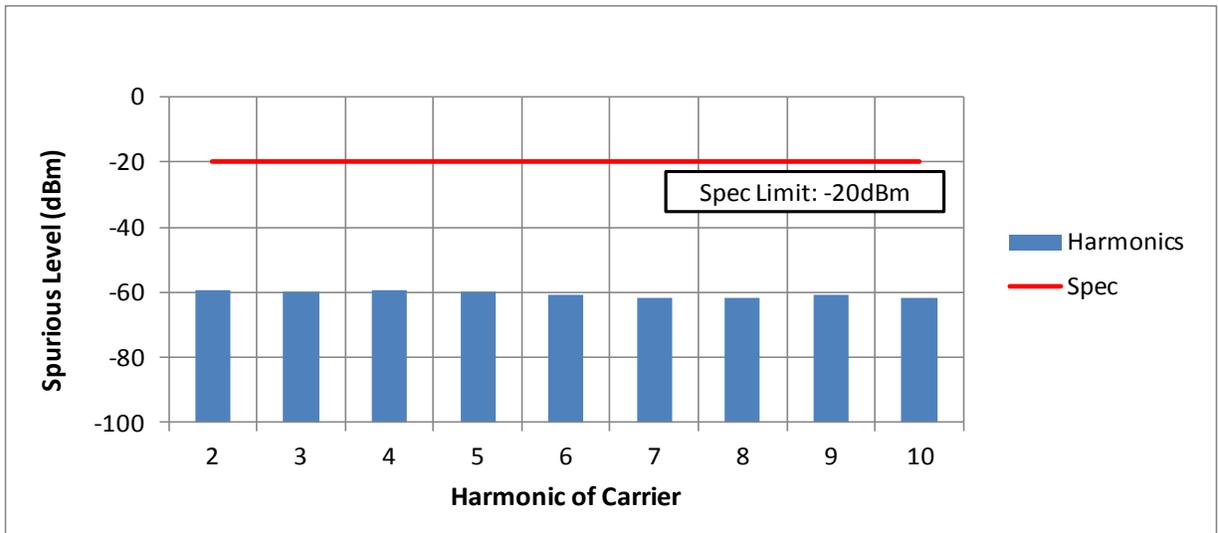


Exhibit 6G-18

Freq: 806.0125 MHz, Power: 3.6 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)



Exhibit 6G-19

Freq: 814.9875 MHz, Power: 3.6 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)

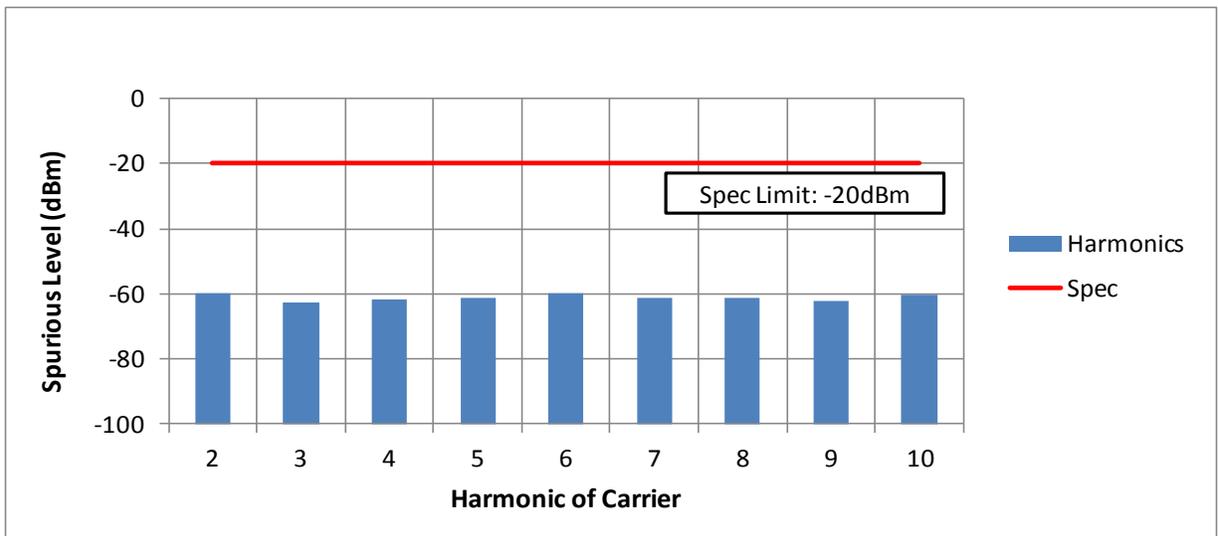


Exhibit 6G-20

Freq: 823.9875 MHz, Power: 3.6 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)



Exhibit 6G-21

Freq: 851.0125 MHz, Power: 3.6 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)

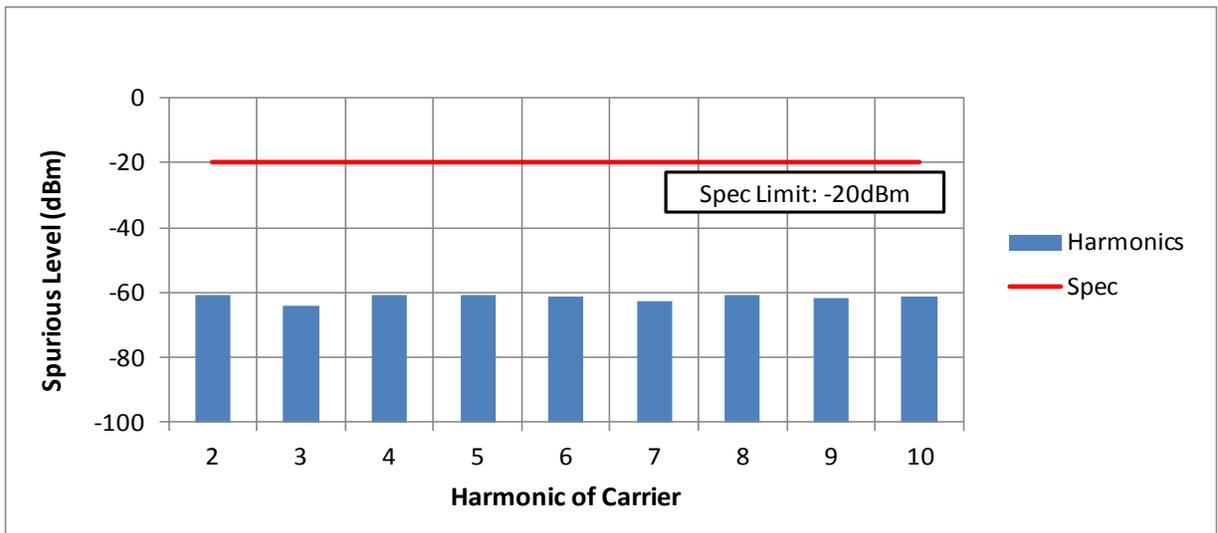


Exhibit 6G-22

Freq: 860.0125 MHz, Power: 3.6 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)



Exhibit 6G-23

Freq: 868.8875 MHz, Power: 3.6 Watts (APCO Digital Mode, Channel Spacing 12.5 kHz)

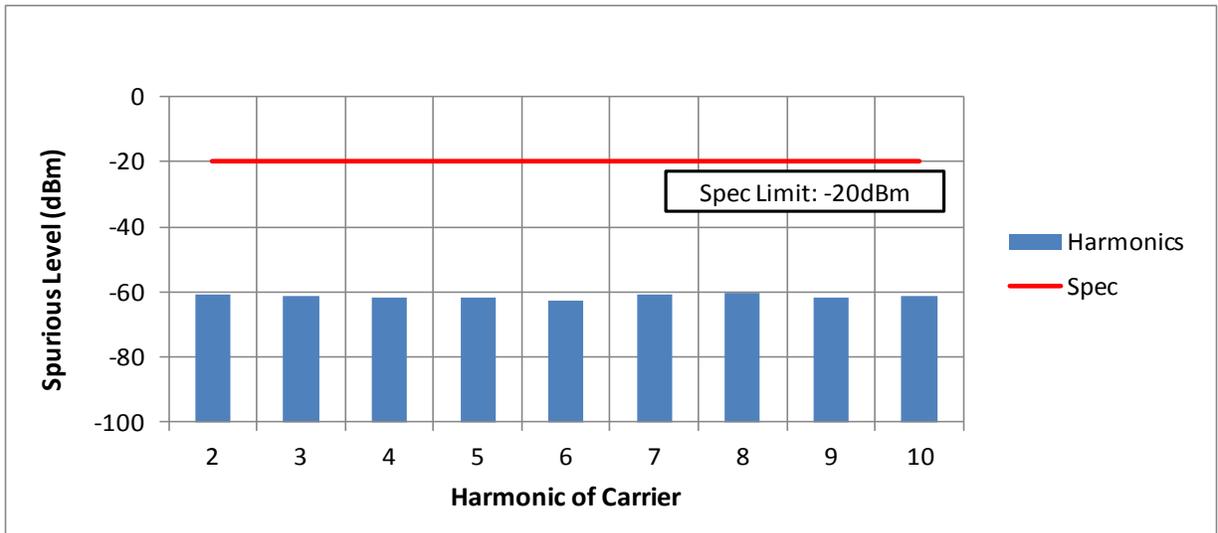


Exhibit 6G-24

Freq: 764.0125 MHz, Power: 2.95 Watts (Phase II Mode, Channel Spacing 12.5 kHz)
(Not for FCC/IC review)



Exhibit 6G-25

Freq: 769.0125 MHz, Power: 2 Watts (Phase II Mode, Channel Spacing 12.5 kHz)



Exhibit 6G-26

Freq: 769.0875 MHz, Power: 2.95 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

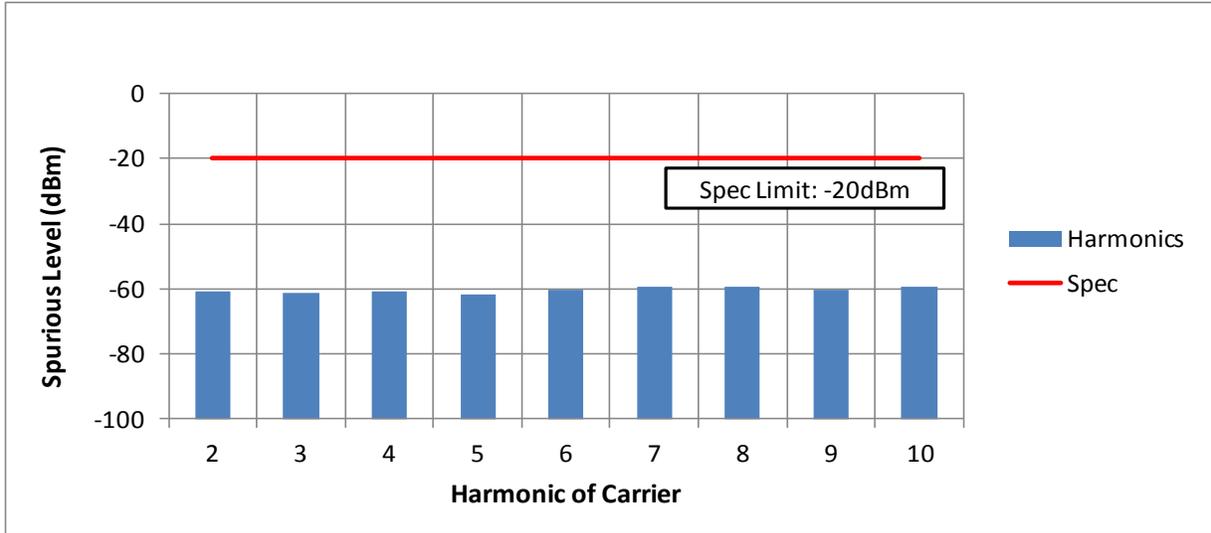


Exhibit 6G-27

Freq: 774.8875 MHz, Power: 2.95 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

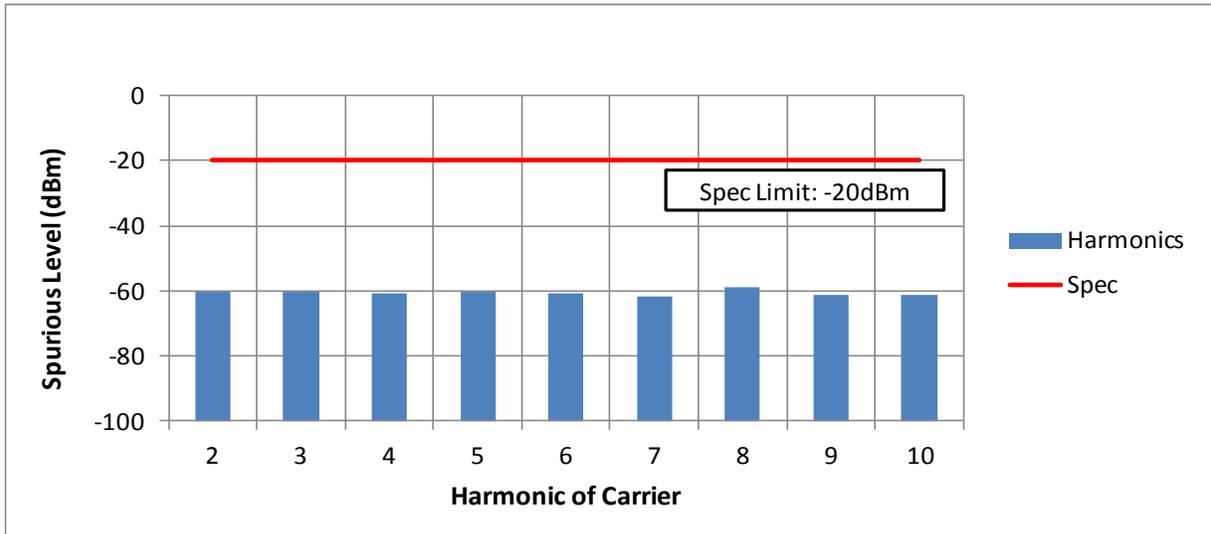


Exhibit 6G-28

Freq: 799.0875 MHz, Power: 2.95 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

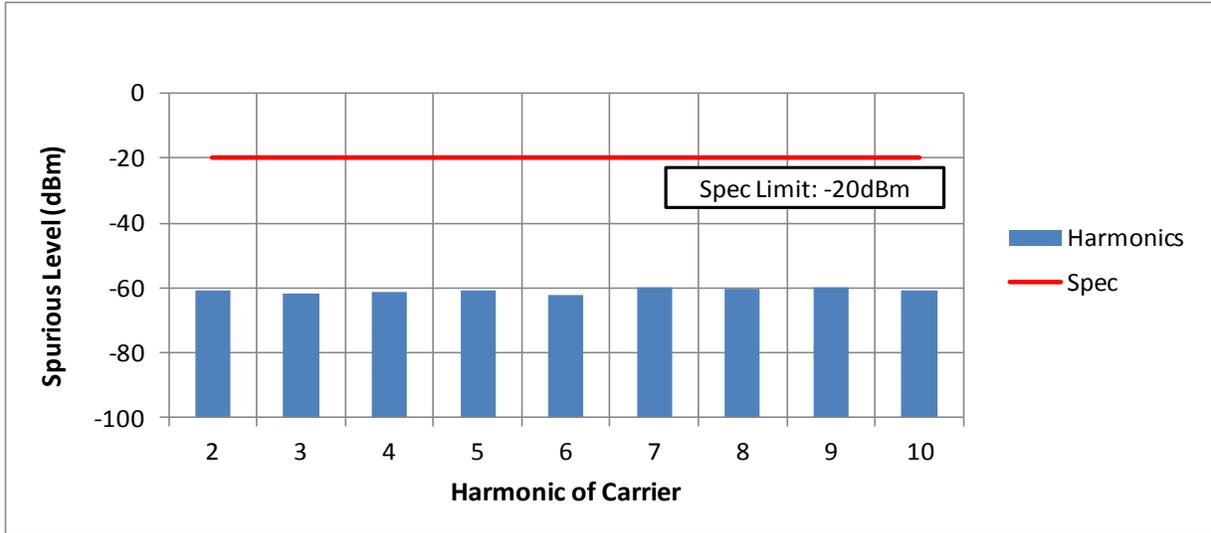


Exhibit 6G-29

Freq: 804.9125 MHz, Power: 2.95 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

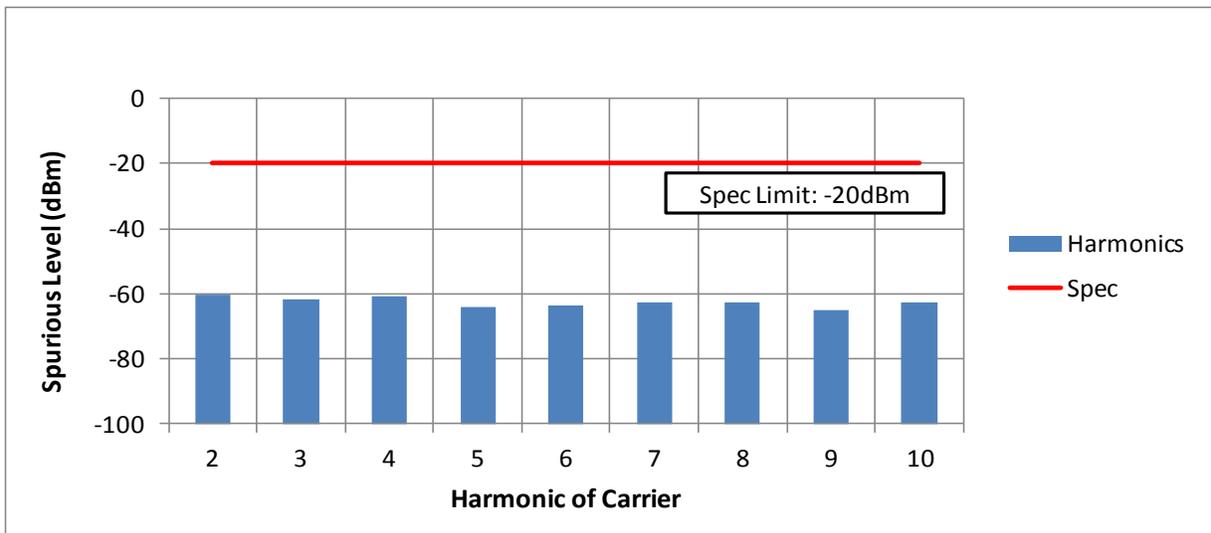


Exhibit 6G-30

Freq: 806.0125 MHz, Power: 3.6 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

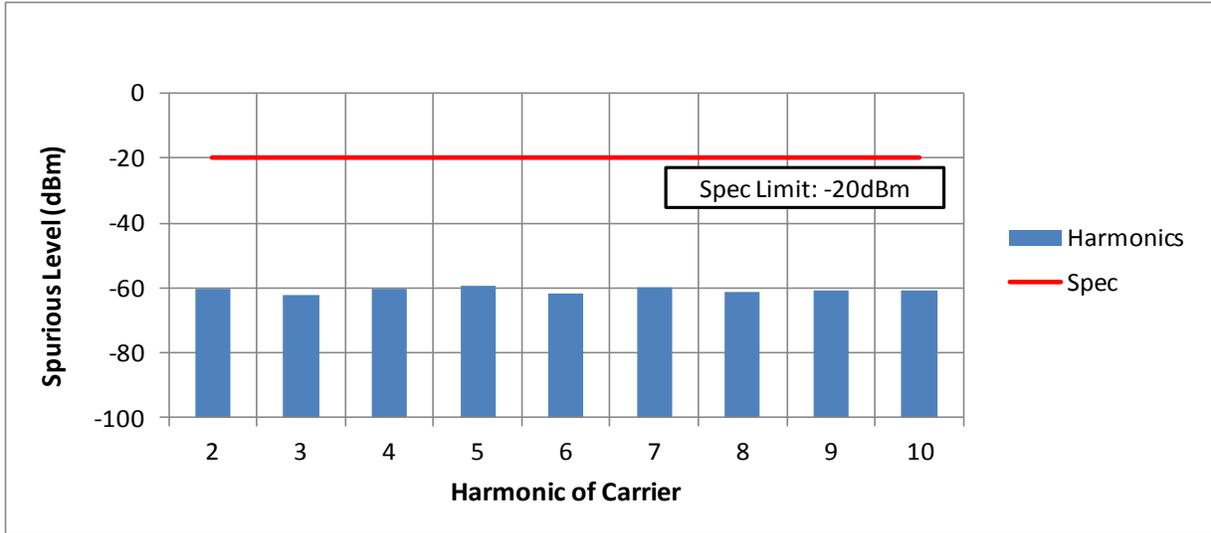


Exhibit 6G-31

Freq: 814.9875 MHz, Power: 2.95 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

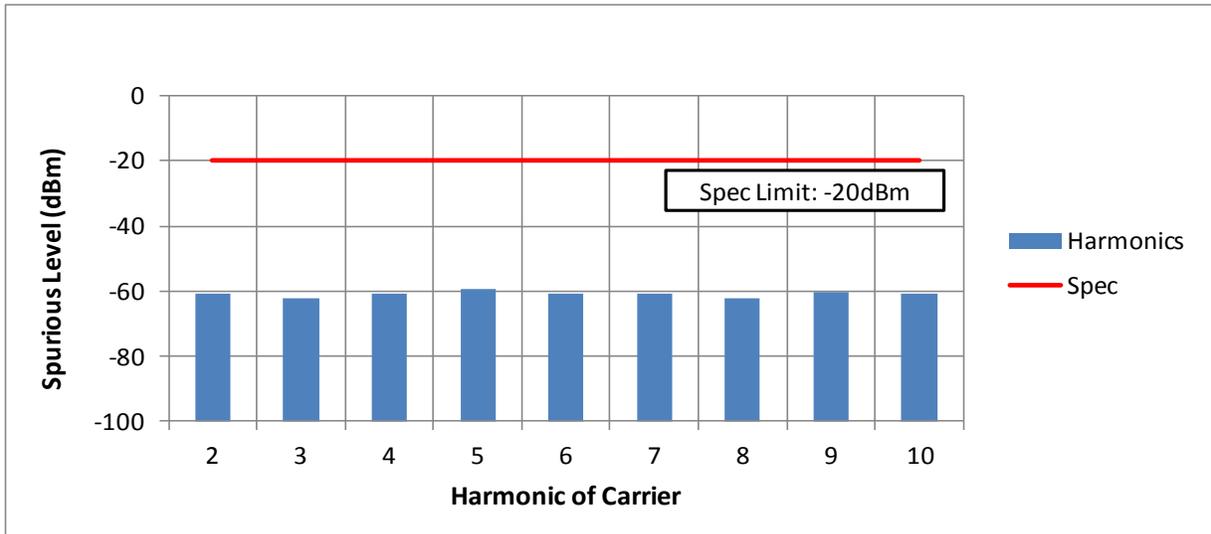


Exhibit 6G-32

Freq: 823.9875 MHz, Power: 3.6 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

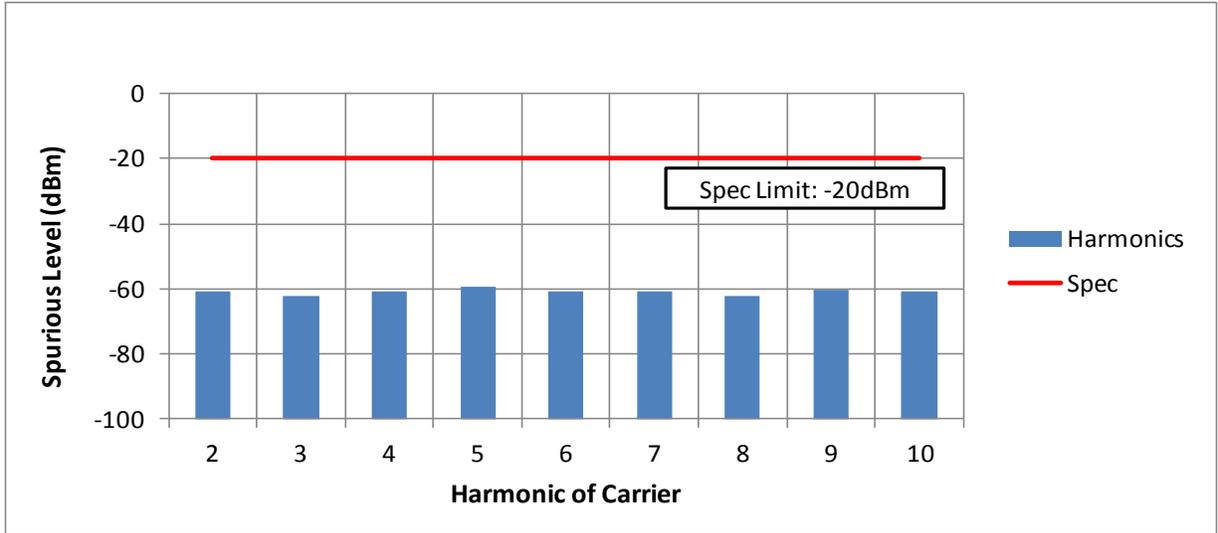


Exhibit 6G-33

Freq: 851.0125 MHz, Power: 3.6 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

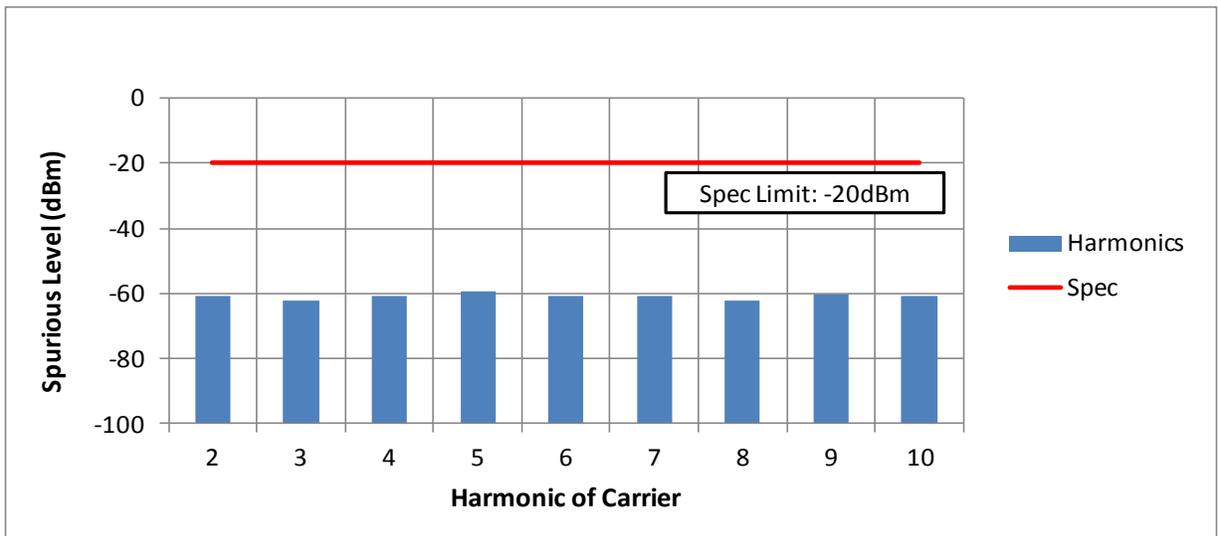


Exhibit 6G-34

Freq: 860.0125 MHz, Power: 3.6 Watts (Phase II Mode, Channel Spacing 12.5 kHz)

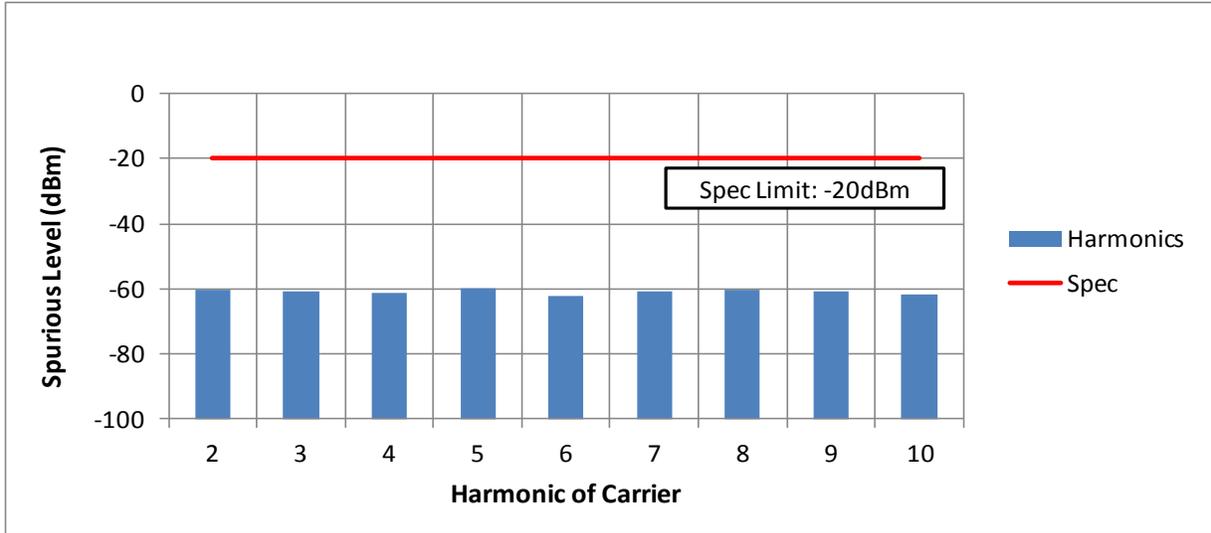


Exhibit 6G-35

Freq: 868.8875 MHz, Power: 3.6 Watts (Phase II Mode, Channel Spacing 12.5 kHz)



Exhibit 6G-36

EXHIBIT 6H
Transmitter Radiated Spurious Emissions

For 700MHz, refer to exhibit

- 89FT7086_ex06_LMR_Analog_700_TX
- 89FT7086_ex06_LMR_Analog_700_TX_IC
- 89FT7086_ex06_LMR_APCO_Digital_700_TX
- 89FT7086_ex06_LMR_APCO_Digital_700_TX_IC
- 89FT7086_ex06_LMR_Phase_II_700_TX
- 89FT7086_ex06_LMR_Phase_II_700_TX_IC

For 800MHz, refer to exhibit

- 89FT7086_ex06_LMR_Analog_800_TX
- 89FT7086_ex06_LMR_Analog_800_TX_IC
- 89FT7086_ex06_LMR_APCO_Digital_800_TX
- 89FT7086_ex06_LMR_APCO_Digital_800_TX_IC
- 89FT7086_ex06_LMR_Phase_II_800_TX
- 89FT7086_ex06_LMR_Phase_II_800_TX_IC

** Note:*

1) Freq points 764.0125 MHz is not for FCC/IC review

2) Freq points 806.0125 MHz and 851.0125MHz at 25 kHz channel spacing is not for FCC review

EXHIBIT 6I

Frequency Stability

Frequency Stability (769.0875 MHz) vs. Temperature

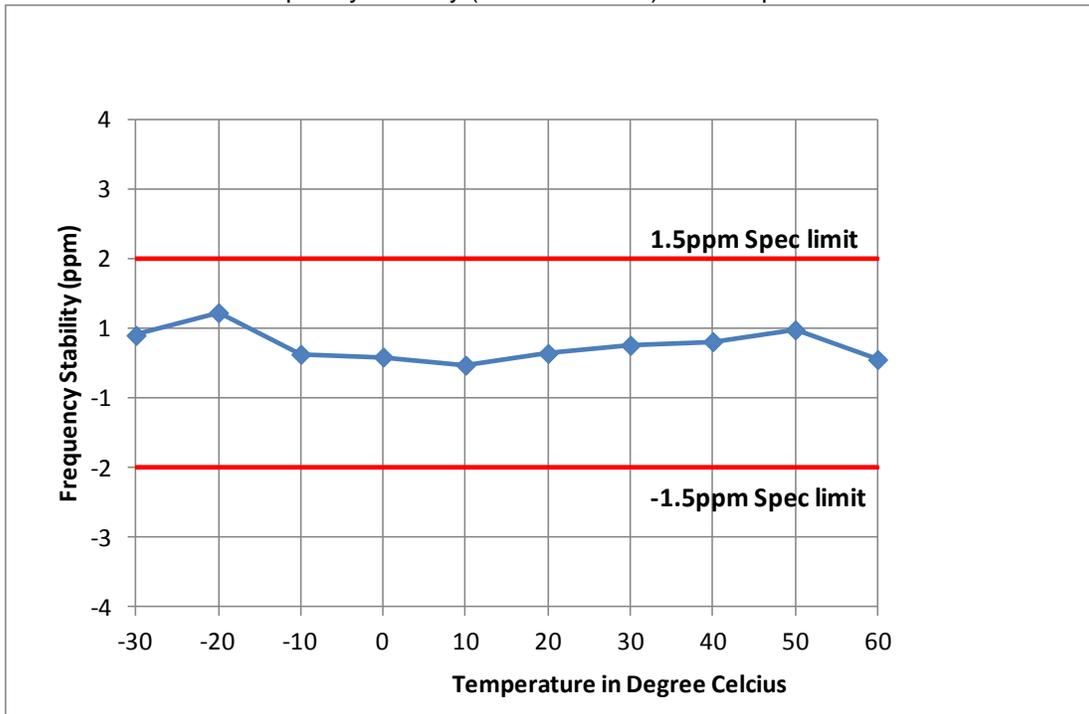


Exhibit 6I-1

Frequency Stability (823.9875 MHz) vs. Temperature

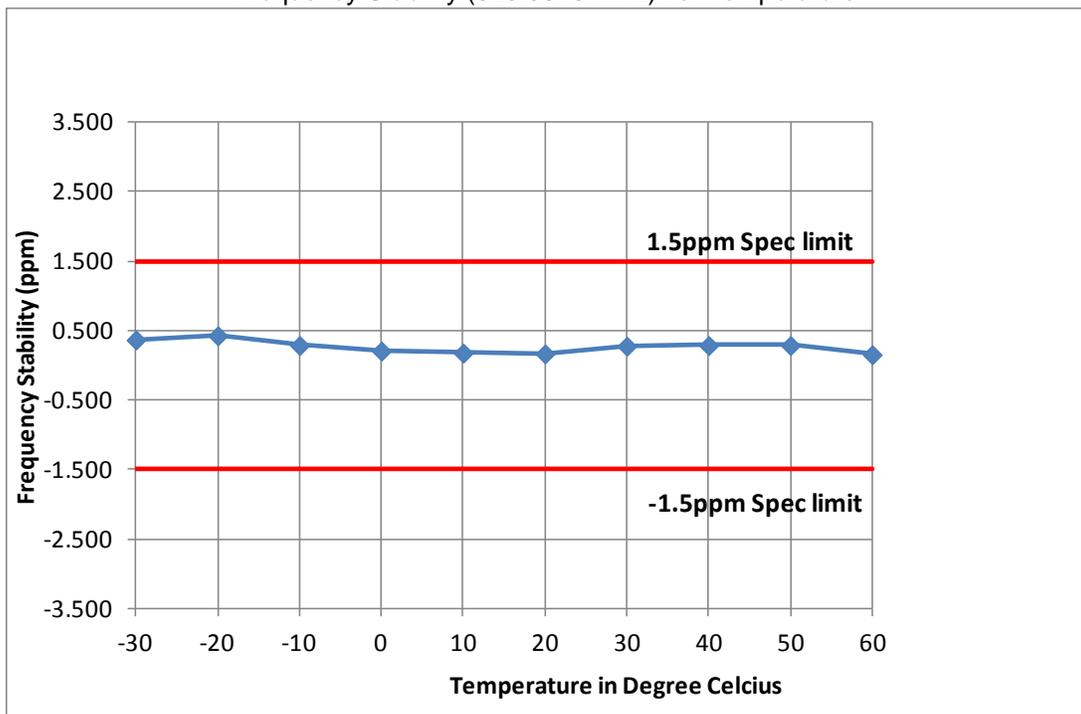


Exhibit 6I-2

Frequency Stability (769.0875 MHz) vs. Supply Voltage

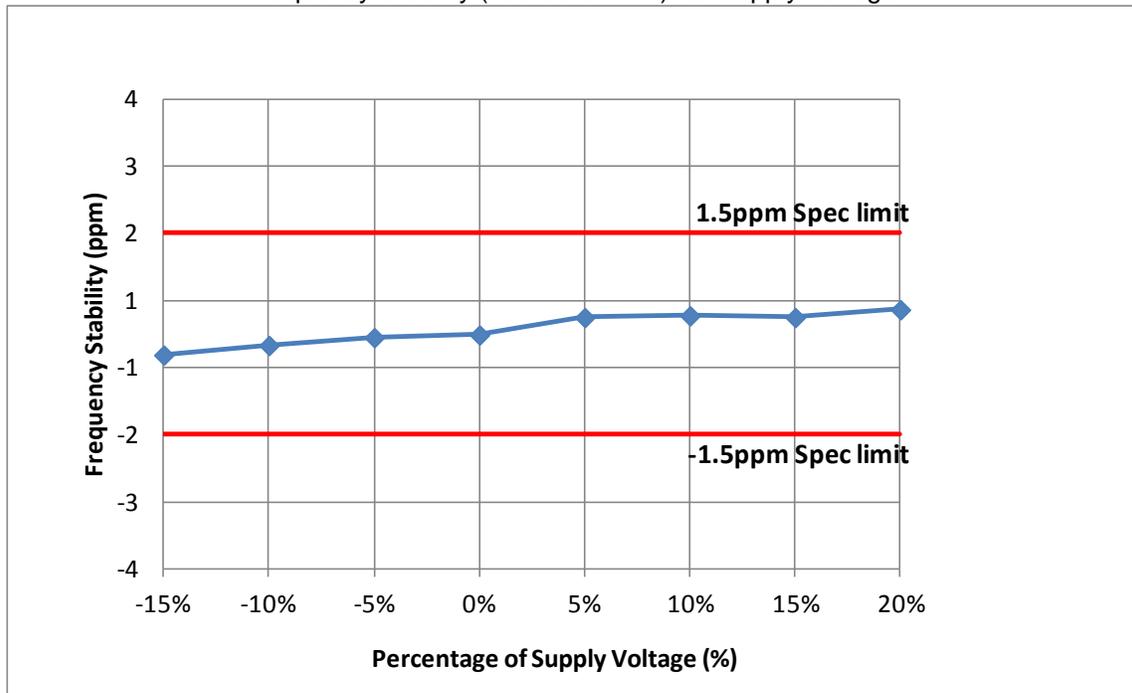


Exhibit 6I-3

Frequency Stability (823.9875 MHz) vs. Supply Voltage

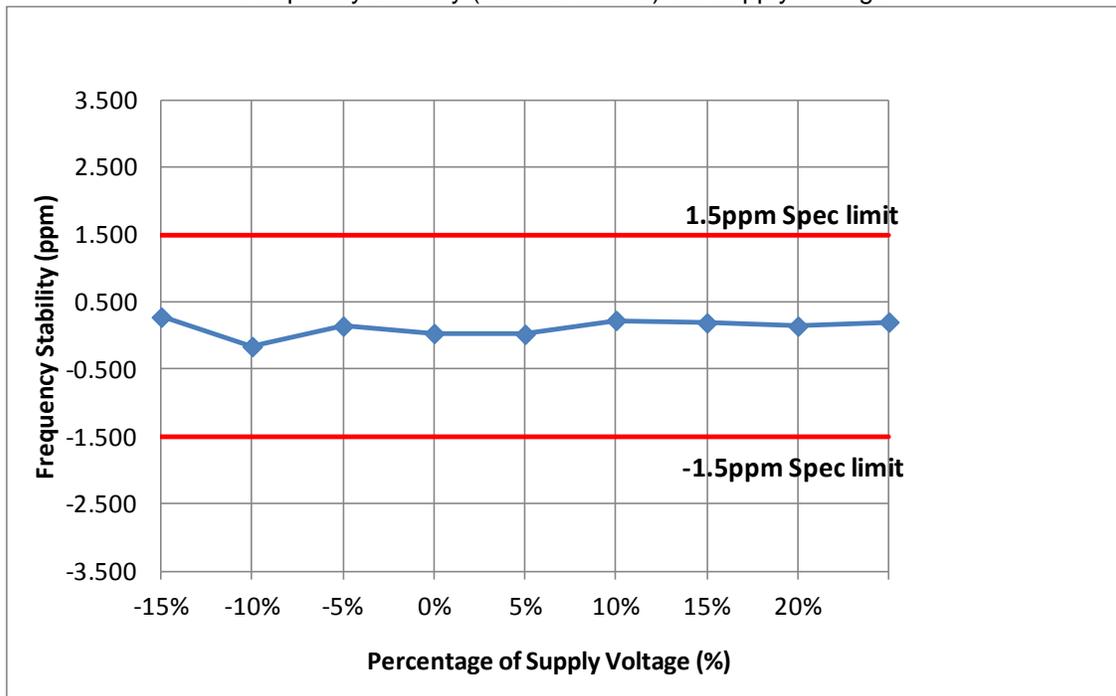


Exhibit 6I-4

EXHIBIT 6J – 1559-1610MHz Radiated Emissions (GNSS)

Date:	18/3/2016	EMC#:	05882-EMC-00002			
Product:	APX6000 REFRESH 7/800 764- 870MHZ 3W	S/N	756TSD0458		Channel Spacing: 12.5kHz	
		Notes:	1. Antenna Stubby		GNSS	
Tx Freq.	799.0875					
		Horizontal	Vertical			
		Radiated	Radiated			
	Frequency	Spur. Emiss.	Spur. Emiss.			
Spur	MHz	(dBm)	(dBm)			
2XFund	1598.175	-49.72	-44.36			
		Notes:	2. Antenna Stubby		GNSS	
Tx Freq.	804.9125					
		Horizontal	Vertical			
		Radiated	Radiated			
	Frequency	Spur. Emiss.	Spur. Emiss.			
Spur	MHz	(dBm)	(dBm)			
2XFund	1609.8250	-47.13	-46.53			
		Notes:	3.		GNSS	
Tx Freq.						
		Horizontal	Vertical			
		Radiated	Radiated			
	Frequency	Spur. Emiss.	Spur. Emiss.			
Spur	MHz	(dBm)	(dBm)			
2XFund						

Remarks:* Indicates the unwanted spurious emission could not be detected due to noise limitations or ambients.