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 –764.0125 MHz, 12.5 kHz Channel Spacing
- 6B-2 –794.0125 MHz, 12.5 kHz Channel Spacing
- 6B-3 –768.0125 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
- 6B-4 –798.9875 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
- 6B-5 –815.0125 MHz, 12.5 kHz Channel Spacing
- 6B-6 –859.9875 MHz, 12.5 kHz Channel Spacing
- 6B-7 –764.0125 MHz, 25 kHz Channel Spacing
- 6B-8 –794.0125 MHz, 25 kHz Channel Spacing
- 6B-9 –768.0125 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
- 6B-10 –798.9875 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
- 6B-11 –815.0125 MHz, 25 kHz Channel Spacing
- 6B-12 –859.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6C – Audio Low Pass Filter Response
- 6C-1 –764.0125 MHz, 12.5 kHz Channel Spacing
- 6C-2 –794.0125 MHz, 12.5 kHz Channel Spacing
- 6C-3 –768.0125 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
- 6C-4 –798.9875 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
- 6C-5 –815.0125 MHz, 12.5 kHz Channel Spacing
- 6C-6 –859.9875 MHz, 12.5 kHz Channel Spacing
- 6C-7 –764.0125 MHz, 25 kHz Channel Spacing
- 6C-8 –794.0125 MHz, 25 kHz Channel Spacing
- 6C-9 –768.0125 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
- 6C-10 –798.9875 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
- 6C-11 –815.0125 MHz, 25 kHz Channel Spacing
- 6C-12 –859.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6D – Modulation Limiting
- 6D-1 –764.0125 MHz, 12.5 kHz Channel Spacing
- 6D-2 –794.0125 MHz, 12.5 kHz Channel Spacing
- 6D-3 –768.0125 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
- 6D-4 –798.9875 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
- 6D-5 –815.0125 MHz, 12.5 kHz Channel Spacing
- 6D-6 –859.9875 MHz, 12.5 kHz Channel Spacing
- 6D-7 –764.0125 MHz, 25 kHz Channel Spacing
- 6D-8 –794.0125 MHz, 25 kHz Channel Spacing
- 6D-9 –768.0125 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
- 6D-10 –798.9875 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
- 6D-11 –815.0125 MHz, 25 kHz Channel Spacing
- 6D-12 –859.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6E – Occupied Bandwidth
- 6E-1 –764.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice)
- 6E-2 –794.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice)
- 6E-3 –768.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice) *(Not for FCC Review)*
- 6E-4 –798.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice) *(Not for FCC Review)*

6E-5 –815.0125 MHz, 12.5 kHz Channel Spacing (Analog Voice)
6E-6 –859.9875 MHz, 12.5 kHz Channel Spacing (Analog Voice)
6E-7 –764.0125 MHz, 25 kHz Channel Spacing (Analog Voice)
6E-8 –794.0125 MHz, 25 kHz Channel Spacing (Analog Voice)
6E-9 –768.0125 MHz, 25 kHz Channel Spacing (Analog Voice) *(Not for FCC Review)*
6E-10 –798.9875 MHz, 25 kHz Channel Spacing (Analog Voice) *(Not for FCC Review)*
6E-11 –815.0125 MHz, 25 kHz Channel Spacing (Analog Voice)
6E-12 –859.9875 MHz, 25 kHz Channel Spacing (Analog Voice)
6E-13 –764.0125 MHz, 12.5 kHz Channel Spacing (Digital Data)
6E-14 –794.0125 MHz, 12.5 kHz Channel Spacing (Digital Data)
6E-15 –768.0125 MHz, 12.5 kHz Channel Spacing (Digital Data) *(Not for FCC Review)*
6E-16 –798.9875 MHz, 12.5 kHz Channel Spacing (Digital Data) *(Not for FCC Review)*
6E-17 –815.0125 MHz, 12.5 kHz Channel Spacing (Digital Data)
6E-18 –859.9875 MHz, 12.5 kHz Channel Spacing (Digital Data)
6E-19 –764.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice)
6E-20 –794.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice)
6E-21 –768.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice) *(Not for FCC Review)*
6E-22 –798.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice) *(Not for FCC Review)*
6E-23 –815.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice)
6E-24 –859.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice)
6E-25 –764.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
6E-26 –794.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
6E-27 –768.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA) *(Not for FCC Review)*
6E-28 –798.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA) *(Not for FCC Review)*
6E-29 –815.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
6E-30 –859.9875 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
6E-31 –764.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption)
6E-32 –794.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption)
6E-33 –768.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption)
(Not for FCC Review)
6E-34 –798.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption)
(Not for FCC Review)
6E-35 –815.0125 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption)
6E-36 –859.9875 MHz, 12.5 kHz Channel Spacing (Digital Voice Encryption)

EXHIBIT 6F – Adjacent Channel Power Ratio

6F-1 - 764.0125MHz, Analog 12.5 kHz Channel Spacing
6F-2 - 764.0125MHz, Analog 25 kHz Channel Spacing
6F-3 - 764.0125MHz, Analog DES-XL 25 kHz Channel Spacing
6F-4 - 764.0125MHz, APCO 12.5 kHz Channel Spacing, Digital Data
6F-5 - 764.0125MHz, APCO 12.5 kHz Channel Spacing, Digital Voice
6F-6 - 764.0125MHz, APCO 12.5 kHz Channel Spacing, Digital TDMA
6F-7 - 768.0125MHz, Analog 12.5 kHz Channel Spacing *(Not for FCC Review)*
6F-8 - 768.0125MHz, Analog 25 kHz Channel Spacing *(Not for FCC Review)*
6F-9 - 768.0125MHz, Analog DES-XL 25 kHz Channel Spacing *(Not for FCC Review)*
6F-10 - 768.0125MHz, APCO 12.5 kHz Channel Spacing, Digital Data *(Not for FCC Review)*
6F-11 - 768.0125MHz, APCO 12.5 kHz Channel Spacing, Digital Voice *(Not for FCC Review)*
6F-12 - 768.0125MHz, APCO 12.5 kHz Channel Spacing, Digital TDMA *(Not for FCC Review)*

EXHIBIT 6G – Radiated Spurious Emissions

6G-1 - Low Power 764.1025 MHz, 12.5 kHz Channel Spacing
6G-2 - Low Power 768.0125 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
6G-3 - Low Power 774.9875 MHz, 12.5 kHz Channel Spacing
6G-4 - Low Power 794.0125 MHz, 12.5 kHz Channel Spacing
6G-5 - Low Power 798.9875 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
6G-6 - Low Power 804.9875 MHz, 12.5 kHz Channel Spacing
6G-7 - Low Power 806.0125 MHz, 12.5 kHz Channel Spacing
6G-8 - Low Power 815.0125 MHz, 12.5 kHz Channel Spacing
6G-9 - Low Power 823.9875 MHz, 12.5 kHz Channel Spacing
6G-10 - Low Power 851.0125 MHz, 12.5 kHz Channel Spacing

6G-11 - Low Power 859.9875 MHz, 12.5 kHz Channel Spacing
6G-12 - Low Power 868.9875 MHz, 12.5 kHz Channel Spacing
6G-13 - Low Power 764.1025 MHz, 25 kHz Channel Spacing
6G-14 - Low Power 768.0125 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
6G-15 - Low Power 774.9875 MHz, 25 kHz Channel Spacing
6G-16 - Low Power 794.0125 MHz, 25 kHz Channel Spacing
6G-17 - Low Power 798.9875 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
6G-18 - Low Power 804.9875 MHz, 25 kHz Channel Spacing
6G-19 - Low Power 806.0125 MHz, 25 kHz Channel Spacing
6G-20 - Low Power 815.0125 MHz 25 kHz Channel Spacing
6G-21 - Low Power 823.9875 MHz, 25 kHz Channel Spacing
6G-22 - Low Power 851.0125 MHz, 25 kHz Channel Spacing
6G-23 - Low Power 859.9875 MHz, 25 kHz Channel Spacing
6G-24 - Low Power 868.9875 MHz, 25 kHz Channel Spacing

6G-25 - Max Power 764.1025 MHz, 12.5 kHz Channel Spacing
6G-26 - Max Power 768.0125 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
6G-27 - Max Power 774.9875 MHz, 12.5 kHz Channel Spacing
6G-28 - Max Power 794.0125 MHz, 12.5 kHz Channel Spacing
6G-29 - Max Power 798.9875 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
6G-30 - Max Power 804.9875 MHz, 12.5 kHz Channel Spacing
6G-31 - Max Power 806.0125 MHz, 12.5 kHz Channel Spacing
6G-32 - Max Power 815.0125 MHz 12.5 kHz Channel Spacing
6G-33 - Max Power 823.9875 MHz, 12.5 kHz Channel Spacing
6G-34 - Max Power 851.0125 MHz, 12.5 kHz Channel Spacing
6G-35 - Max Power 859.9875 MHz, 12.5 kHz Channel Spacing
6G-36 - Max Power 868.9875 MHz, 12.5 kHz Channel Spacing
6G-37 - Max Power 764.1025 MHz, 25 kHz Channel Spacing
6G-38 - Max Power 768.0125 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
6G-39 - Max Power 774.9875 MHz, 25 kHz Channel Spacing
6G-40 - Max Power 794.0125 MHz, 25 kHz Channel Spacing
6G-41 - Max Power 798.9875 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
6G-42 - Max Power 804.9875 MHz, 25 kHz Channel Spacing
6G-43 - Max Power 806.0125 MHz, 25 kHz Channel Spacing
6G-44 - Max Power 815.0125 MHz 25 kHz Channel Spacing
6G-45 - Max Power 823.9875 MHz, 25 kHz Channel Spacing
6G-46 - Max Power 851.0125 MHz, 25 kHz Channel Spacing
6G-47 - Max Power 859.9875 MHz, 25 kHz Channel Spacing
6G-48 - Max Power 868.9875 MHz, 25 kHz Channel Spacing

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

6H-1 - Max Power 794.0125 MHz, 12.5 kHz Channel Spacing
6H-2 - Max Power 804.9875 MHz, 12.5 kHz Channel Spacing
6H-3 - Max Power 794.0125 MHz, 25 kHz Channel Spacing
6H-4 - Max Power 804.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6I – Conducted Spurious Emissions

6I-1 - High Power 764.1025 MHz, 12.5 kHz Channel Spacing
6I-2 - High Power 768.0125 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
6I-3 - High Power 774.9875 MHz, 12.5 kHz Channel Spacing
6I-4 - High Power 794.0125 MHz, 12.5 kHz Channel Spacing
6I-5 - High Power 798.9875 MHz, 12.5 kHz Channel Spacing *(Not for FCC Review)*
6I-6 - High Power 804.9875 MHz, 12.5 kHz Channel Spacing
6I-7 - High Power 806.0125 MHz, 12.5 kHz Channel Spacing
6I-8 - High Power 815.0125 MHz, 12.5 kHz Channel Spacing
6I-9 - High Power 823.9875 MHz, 12.5 kHz Channel Spacing
6I-10 - High Power 851.0125 MHz, 12.5 kHz Channel Spacing
6I-11 - High Power 859.9875 MHz, 12.5 kHz Channel Spacing
6I-12 - High Power 868.9875 MHz, 12.5 kHz Channel Spacing

6I-13 - High Power 764.1025 MHz, 25 kHz Channel Spacing
6I-14 - High Power 768.0125 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
6I-15 - High Power 774.9875 MHz, 25 kHz Channel Spacing
6I-16 - High Power 794.0125 MHz, 25 kHz Channel Spacing
6I-17 - High Power 798.9875 MHz, 25 kHz Channel Spacing *(Not for FCC Review)*
6I-18 - High Power 804.9875 MHz, 25 kHz Channel Spacing
6I-19 - High Power 806.0125 MHz, 25 kHz Channel Spacing
6I-20 - High Power 815.0125 MHz 25 kHz Channel Spacing
6I-21 - High Power 823.9875 MHz, 25 kHz Channel Spacing
6I-22 - High Power 851.0125 MHz, 25 kHz Channel Spacing
6I-23 - High Power 859.9875 MHz, 25 kHz Channel Spacing
6I-24 - High Power 868.9875 MHz, 25 kHz Channel Spacing

EXHIBIT 6J – Frequency Stability (Volt/Temp)
6K-1– 764.0125 MHz vs. Supply Voltage
6K-2 – 794.0125 MHz vs. Supply Voltage
6K-3– 768.0125 MHz vs. Supply Voltage *(Not for FCC Review)*
6K-4 – 798.9875 MHz vs. Supply Voltage *(Not for FCC Review)*
6K-5 – 815.0125 MHz vs. Supply Voltage
6K-6 – 859.9875 MHz vs. Supply Voltage
6K-7– 764.0125 MHz vs. Temperature
6K-8 – 794.0125 MHz vs. Temperature
6K-9– 768.0125 MHz vs. Temperature *(Not for FCC Review)*
6K-10 – 798.9875 MHz vs. Temperature *(Not for FCC Review)*
6K-11 – 815.0125 MHz vs. Temperature
6K-12 – 859.9875 MHz vs. Temperature

EXHIBIT 6A

RF Conducted Power Output Data -- Pursuant 47CFR 90.541, 90.542 (a)(7), 90.545 (b)(4), RSS-Gen and RSS-119

Frequency = 764.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.02 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.28 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.54 Amps

Frequency = 768.0125 MHz: *(Not for FCC Review)*

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.29 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.53 Amps

Frequency= 774.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.00 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.28 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.54 Amps

Frequency = 794.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.56 Amps

Frequency = 798.9875 MHz: *(Not for FCC Review)*

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.03 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.32 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.56 Amps

Frequency= 804.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
Output RF power	2.99 Watts
DC Voltage	7.50 Volts
DC Current	1.57 Amps

Frequency = 806.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.73 Amps

Frequency = 815.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.01 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.73 Amps

Frequency= 823.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.02 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.31 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.72 Amps

Frequency = 851.0125 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.02 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.26 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.64 Amps

Frequency = 859.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.02 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.26 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.61 Amps

Frequency= 868.9875 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.02 Amps
Output RF power	2.0 Watts
DC Voltage	7.50 Volts
DC Current	1.25 Amps
Output RF power	3.60 Watts
DC Voltage	7.50 Volts
DC Current	1.60 Amps

EXHIBIT 6B

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

Audio Frequency Response
(Freq: 764.0125 MHz, ChSp: 12.5kHz)

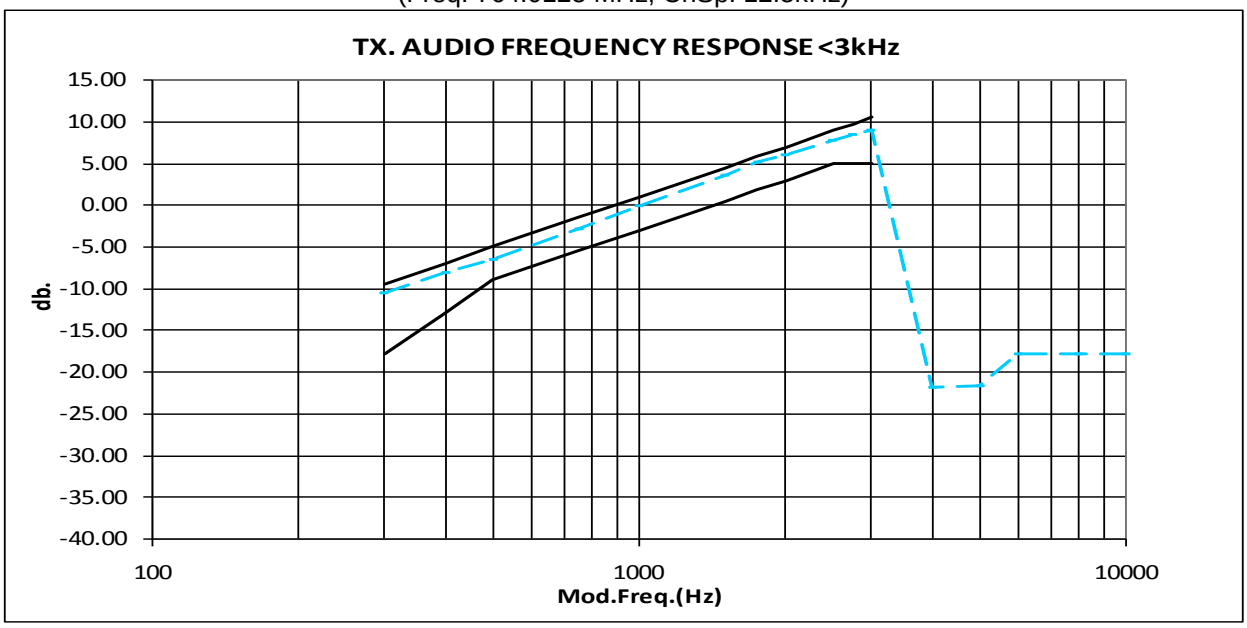


Exhibit 6B-1

Audio Frequency Response
(Freq: 794.0125 MHz, ChSp: 12.5kHz)

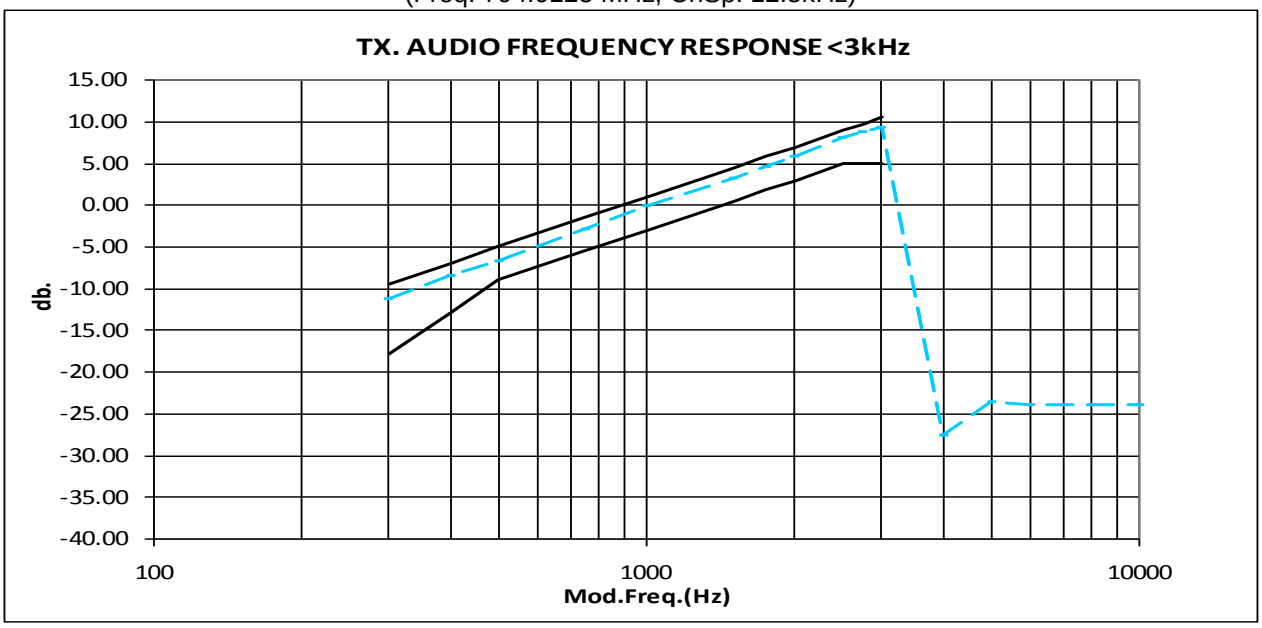


Exhibit 6B-2

Audio Frequency Response
(Freq: 768.0125 MHz, ChSp: 12.5kHz)

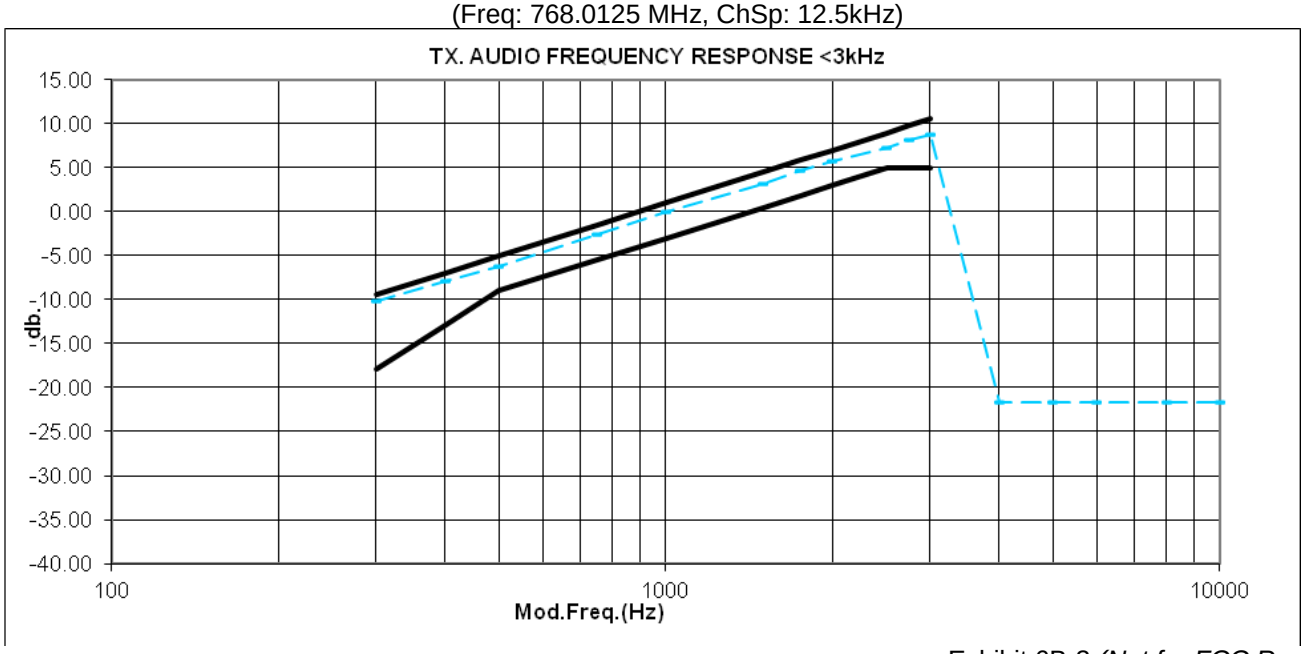


Exhibit 6B-3 *(Not for FCC Review)*

Audio Frequency Response
(Freq: 798.9875 MHz, ChSp: 12.5 kHz)

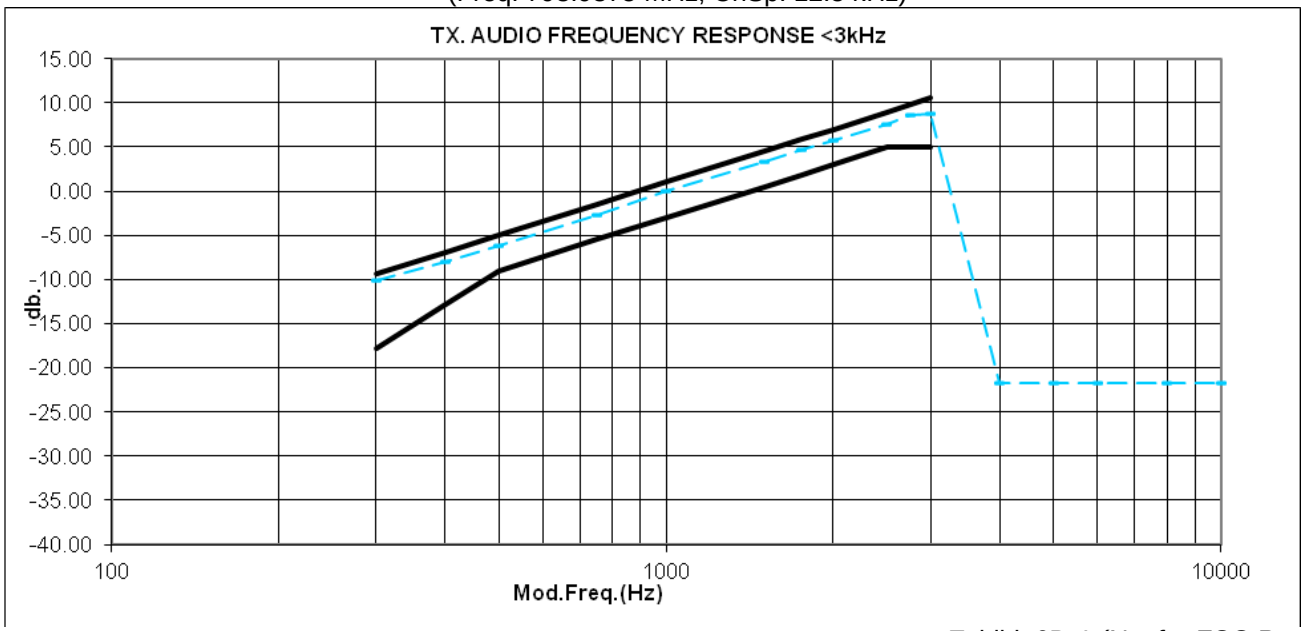


Exhibit 6B-4 *(Not for FCC Review)*

Audio Frequency Response

(Freq: 815.0125 MHz , ChSp: 12.5kHz)

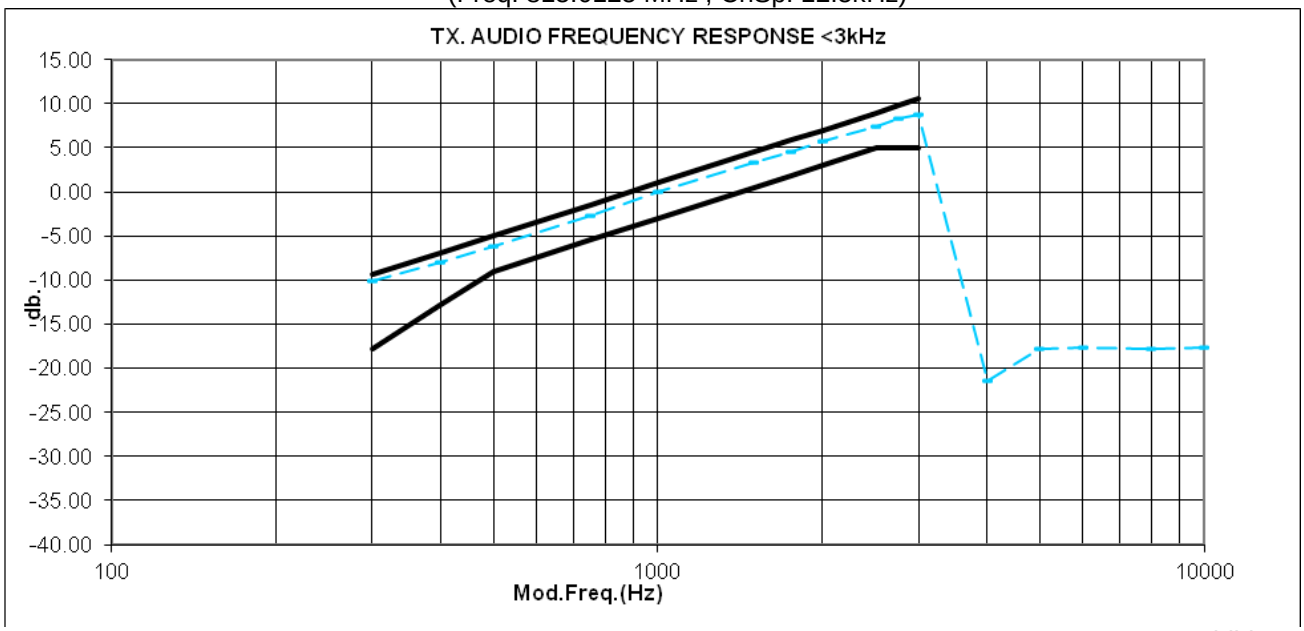


Exhibit 6B-5

Audio Frequency Response

(Freq: 859.9875 MHz , ChSp: 12.5kHz)

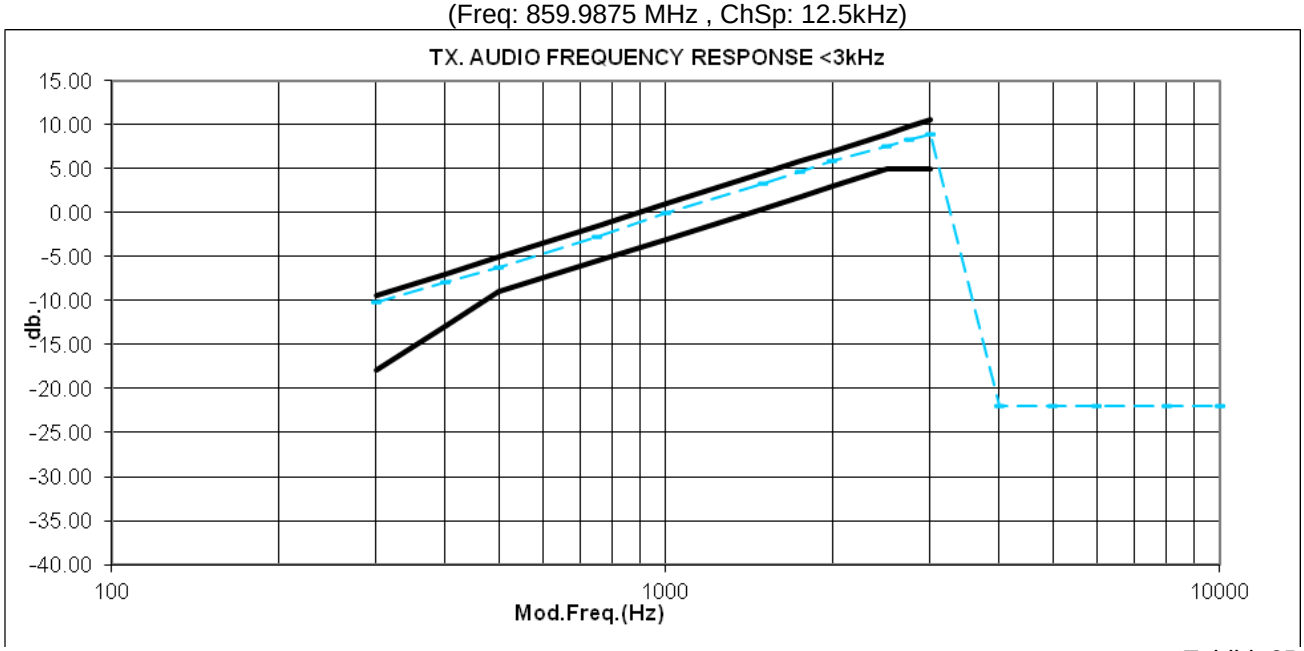


Exhibit 6B-6

Audio Frequency Response

(Freq: 764.0125 MHz, ChSp: 25kHz)

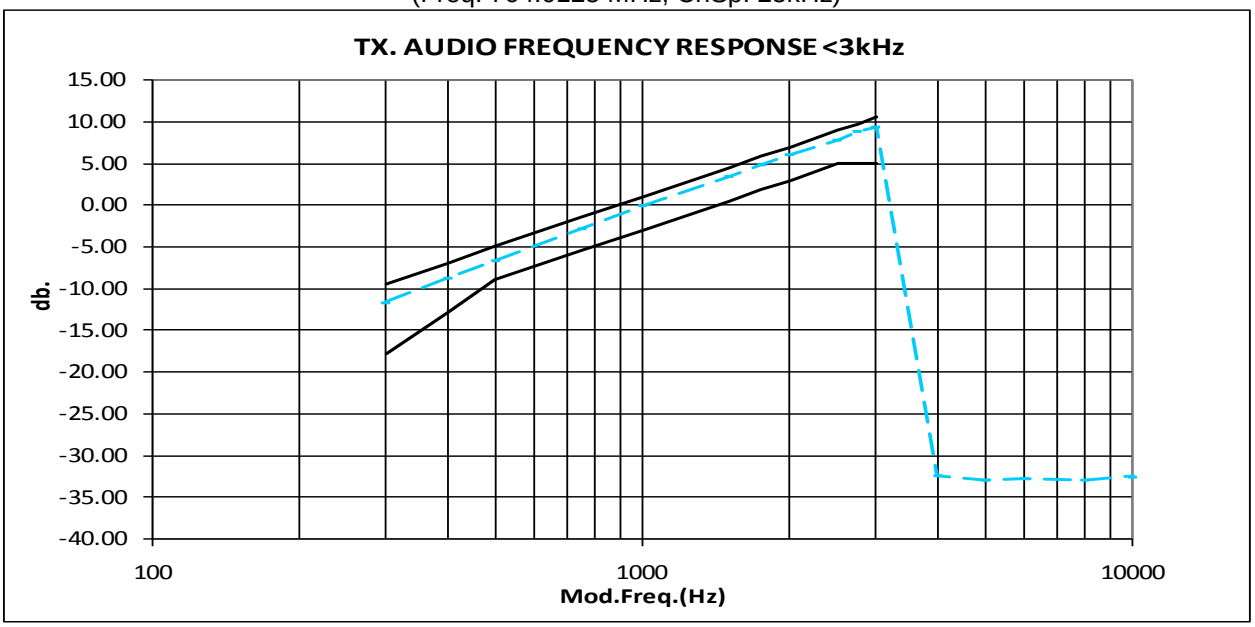


Exhibit 6B-7

Audio Frequency Response

(Freq: 794.0125 MHz, ChSp: 25kHz)

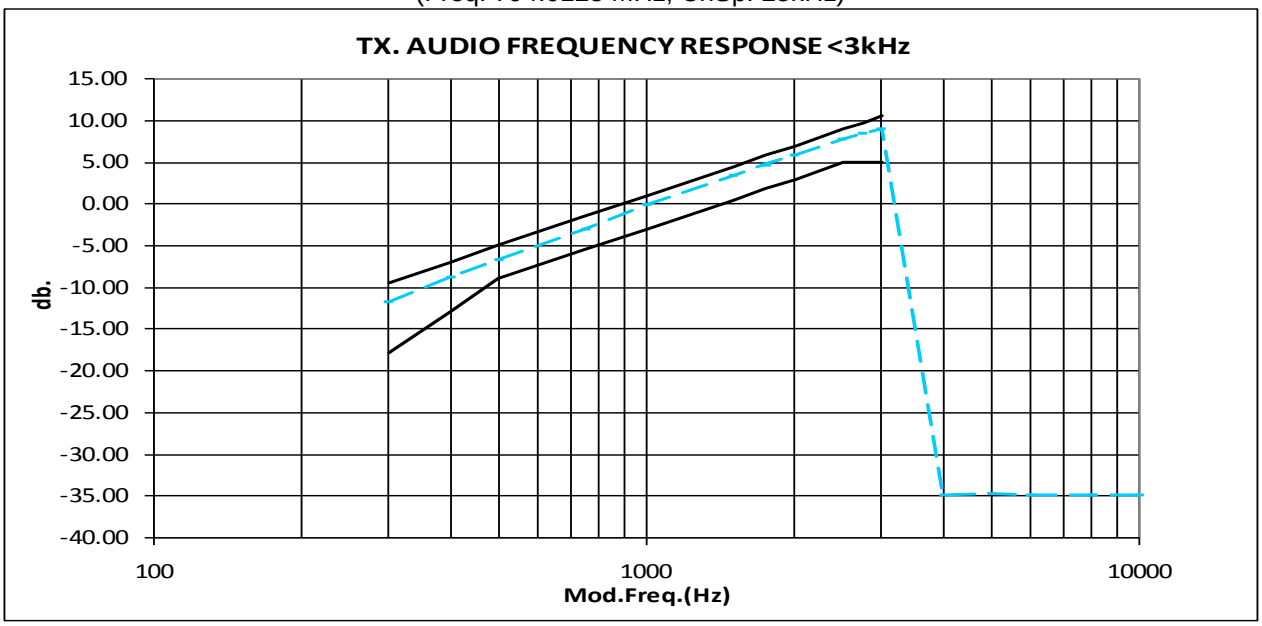


Exhibit 6B-8

Audio Frequency Response
(Freq: 768.0125 MHz, ChSp: 25kHz)

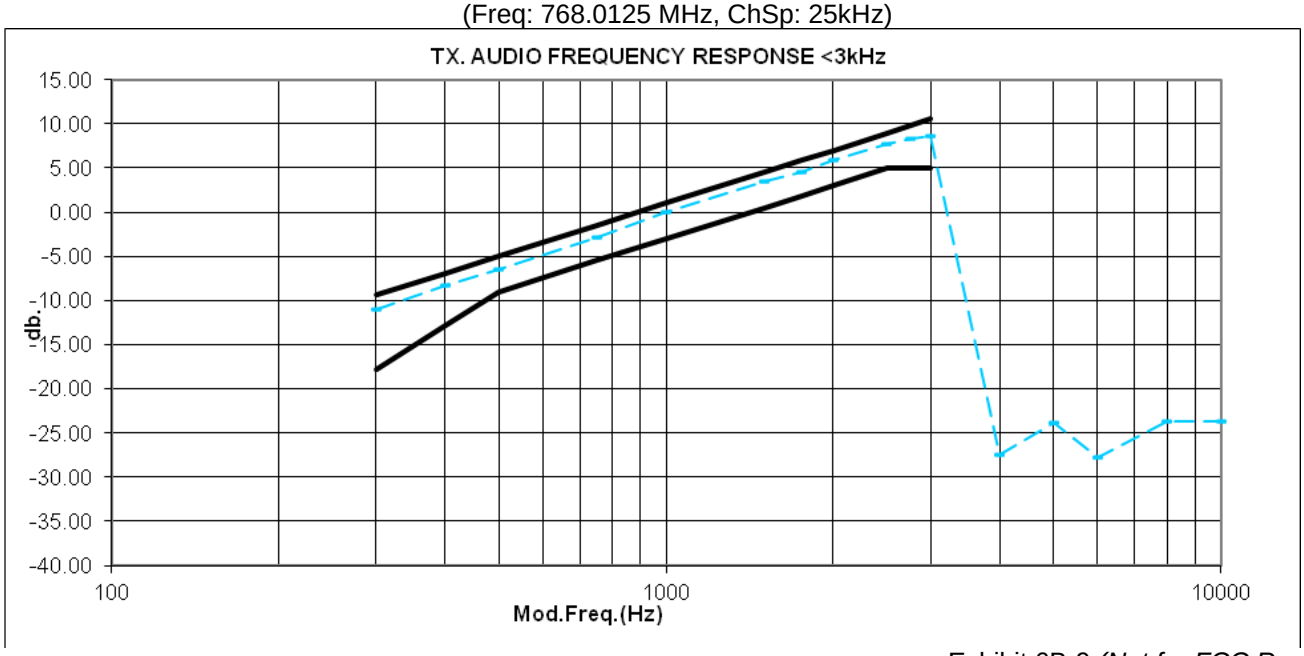


Exhibit 6B-9 *(Not for FCC Review)*

Audio Frequency Response
(Freq: 798.9875 MHz, ChSp: 25kHz)

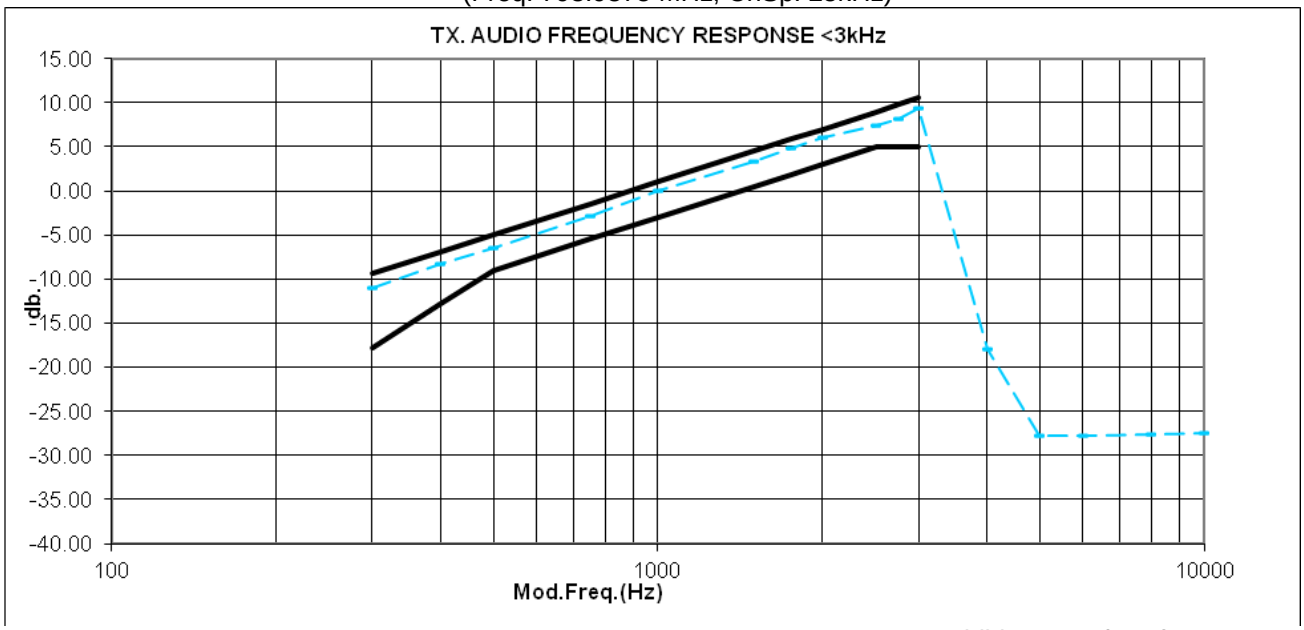


Exhibit 6B-10 *(Not for FCC Review)*

Audio Frequency Response
(Freq: 815.0125 MHz , ChSp: 25kHz)

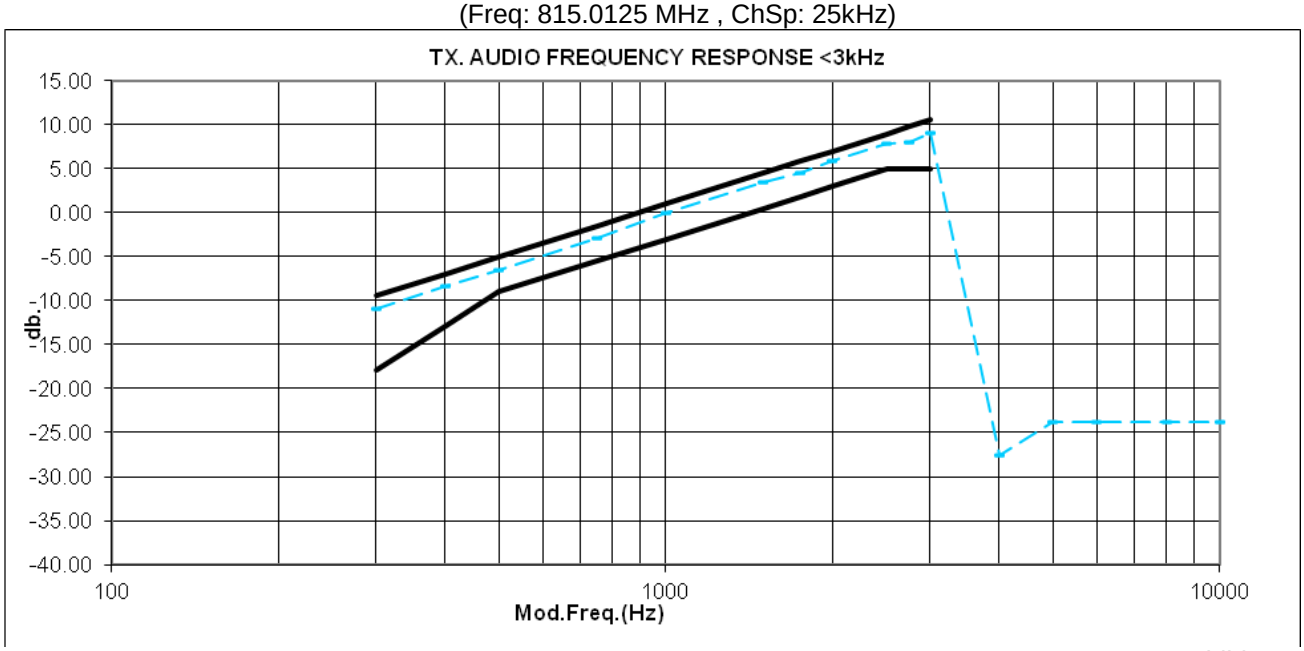


Exhibit 6B-11

Audio Frequency Response
(Freq: 859.9875 MHz , ChSp: 25kHz)

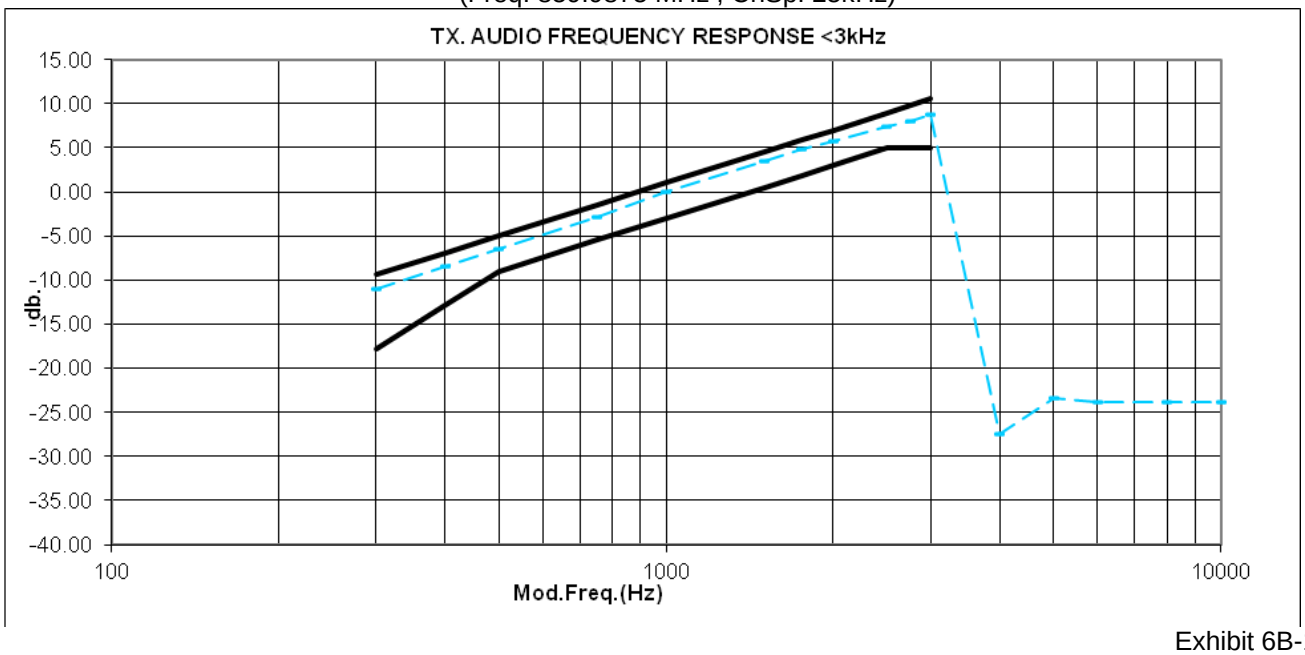


Exhibit 6B-12

EXHIBIT 6C

Transmit Low Pass Filter Frequency Response - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

Transmit Low Pass Filter Frequency Response
(Freq: 764.0125, ChSp: 12.5kHz)

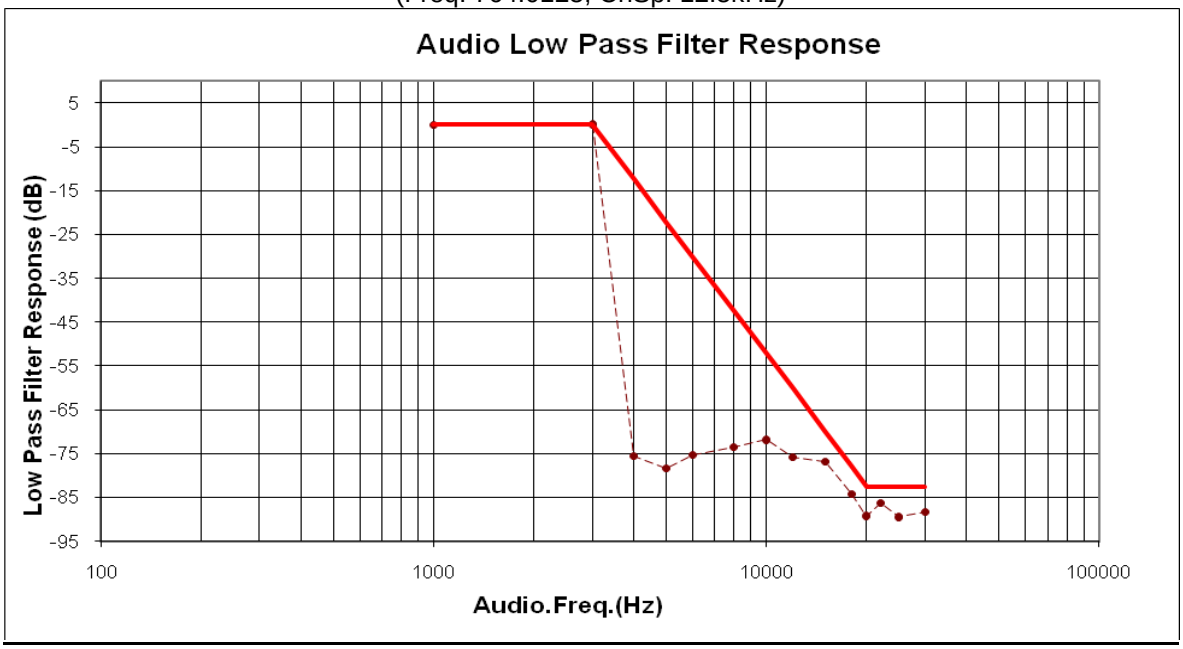


Exhibit 6C-1

Transmit Low Pass Filter Frequency Response
(Freq: 794.0125, ChSp: 12.5kHz)

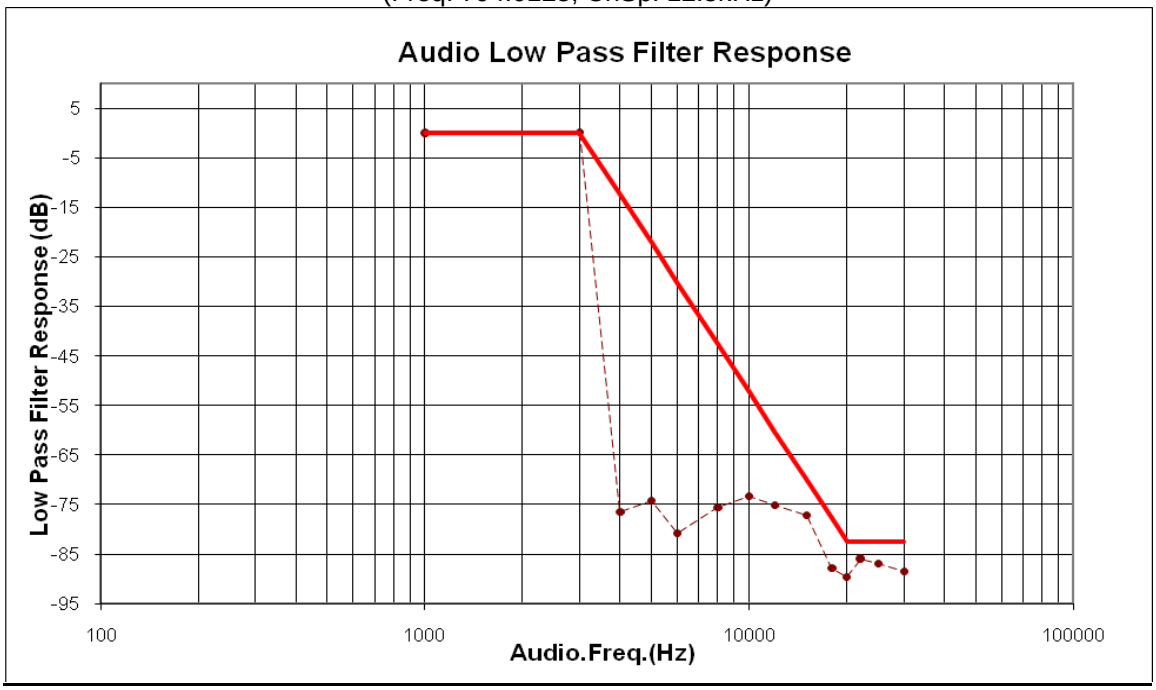


Exhibit 6C-2

Transmit Low Pass Filter Frequency Response
(Freq: 768.0125, ChSp: 12.5kHz)

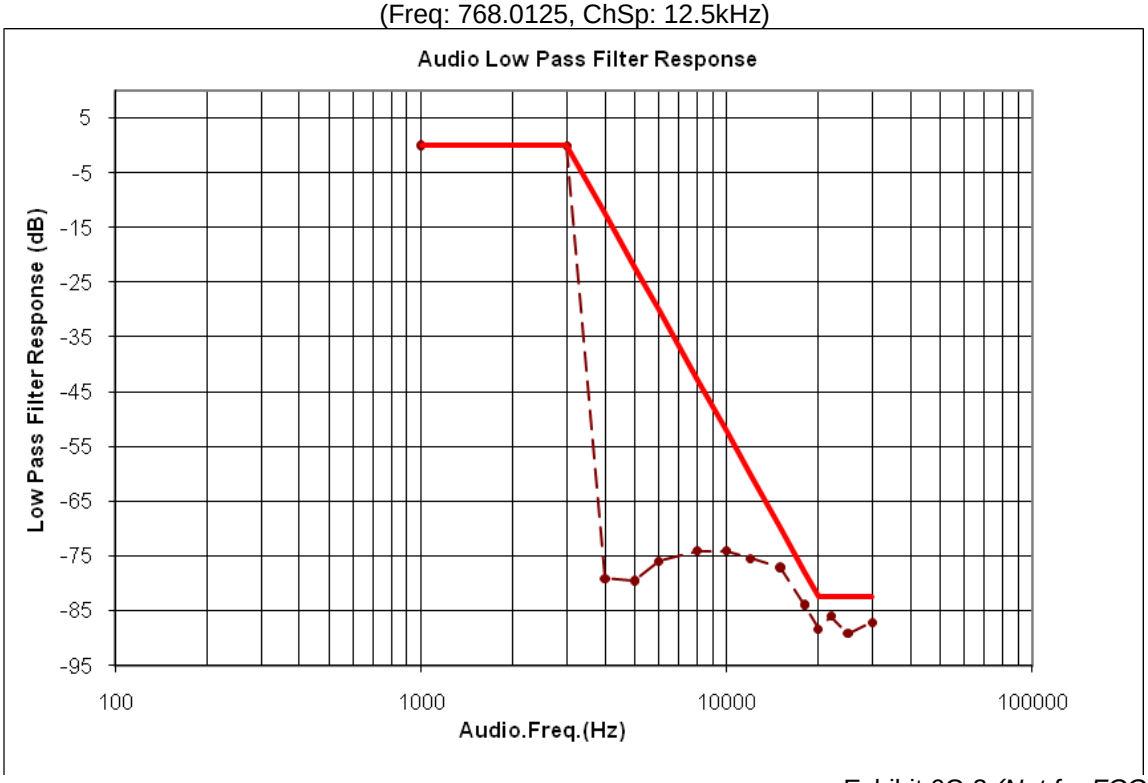


Exhibit 6C-3 *(Not for FCC Review)*

Transmit Low Pass Filter Frequency Response
(Freq: 798.9875MHz, ChSp: 12.5kHz)

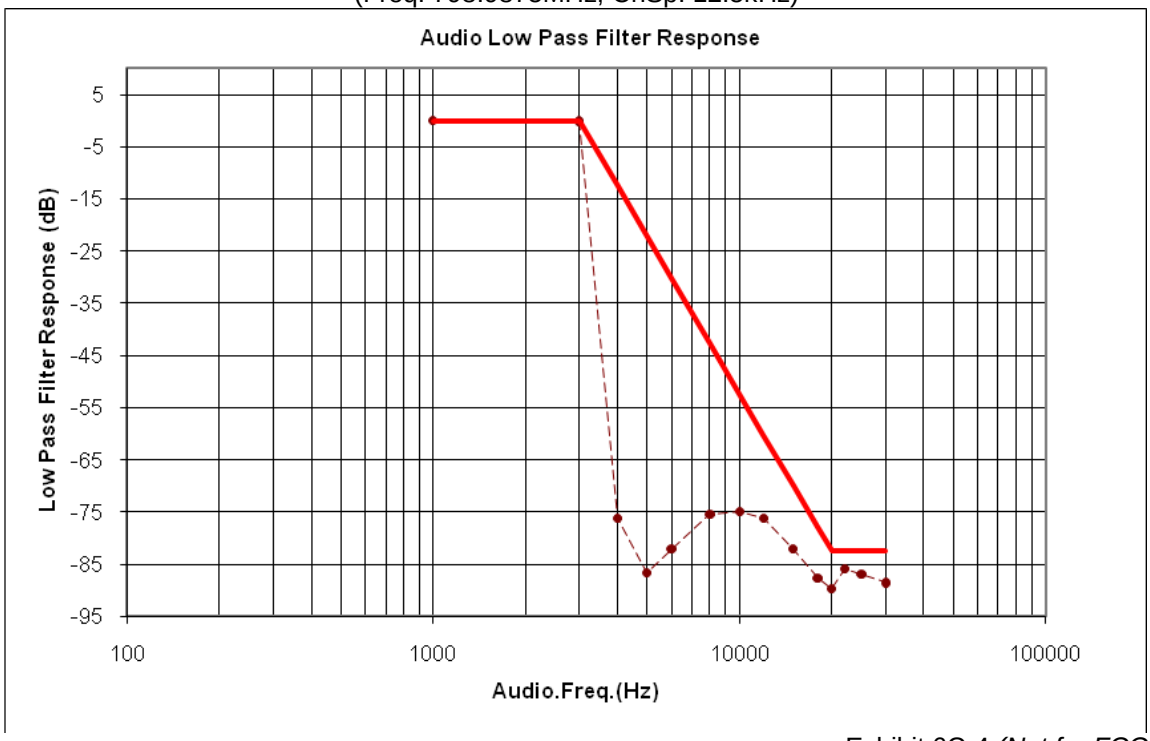


Exhibit 6C-4 *(Not for FCC Review)*

Transmit Low Pass Filter Frequency Response
(Freq: 815.0125MHz, ChSp: 12.5kHz)

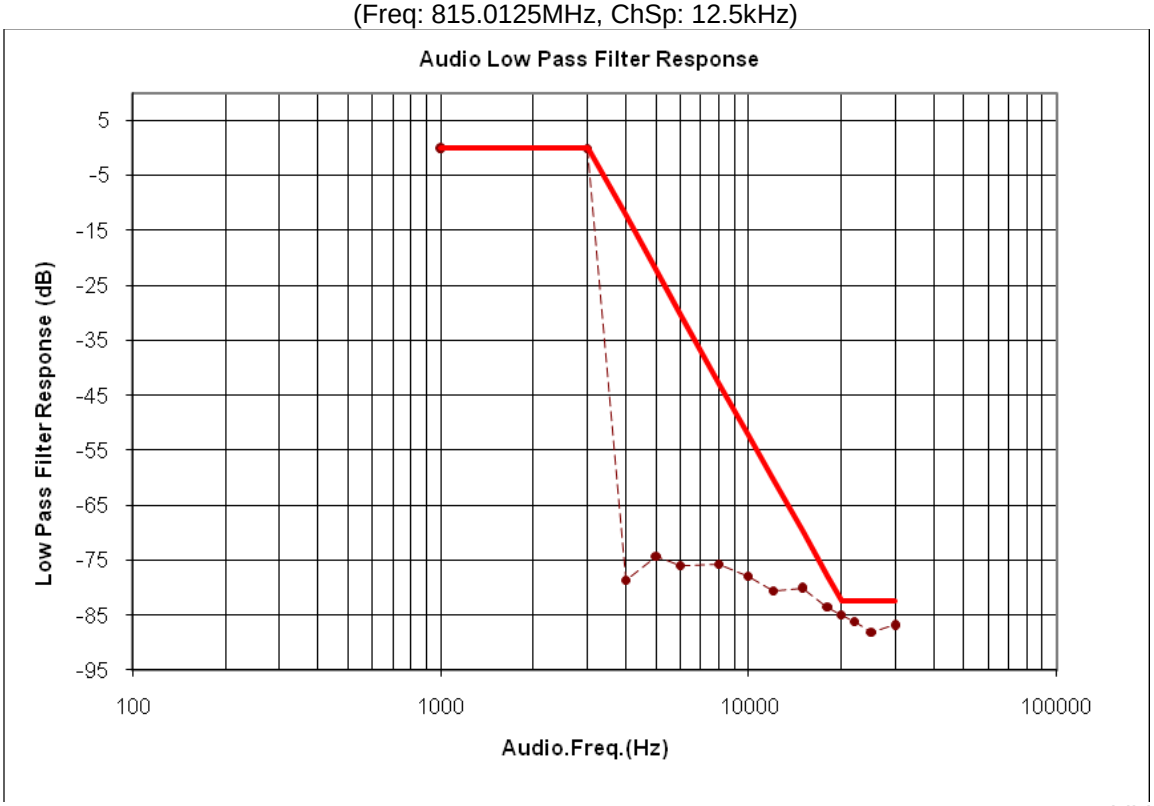


Exhibit 6C-5

Transmit Low Pass Filter Frequency Response
(Freq: 859.9875MHz, ChSp: 12.5kHz)

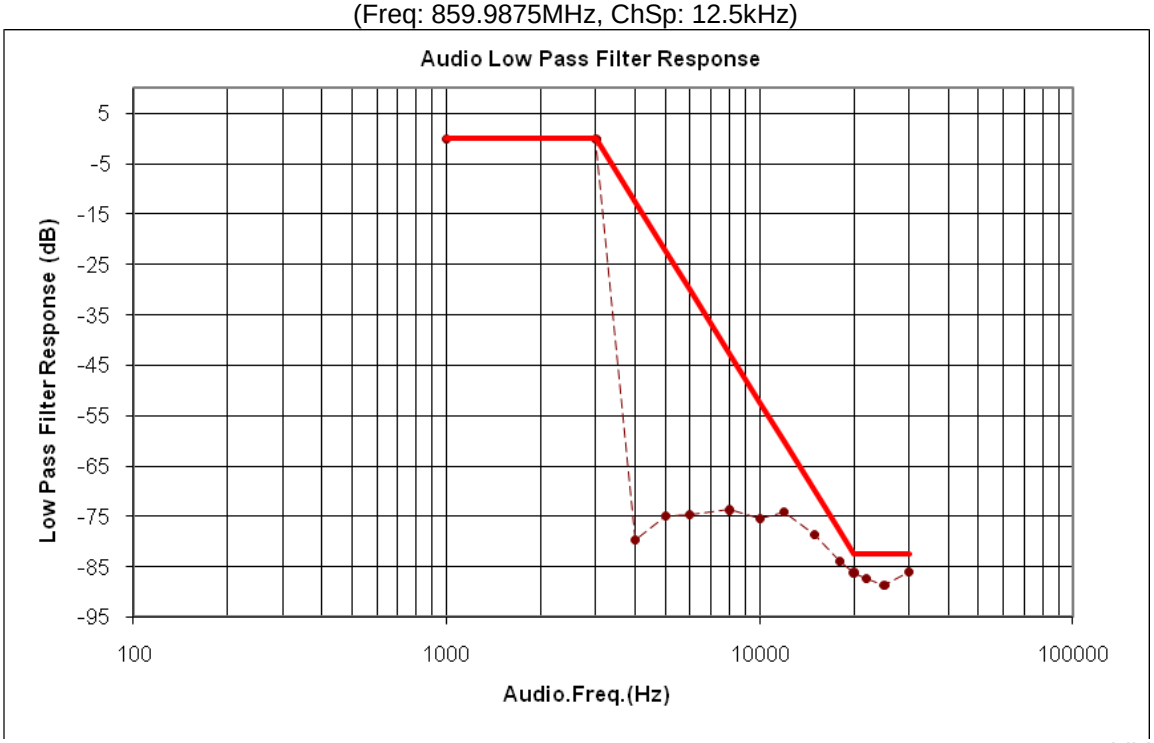


Exhibit 6C-6

Transmit Low Pass Filter Frequency Response
(Freq: 764.0125MHz, ChSp: 25kHz)

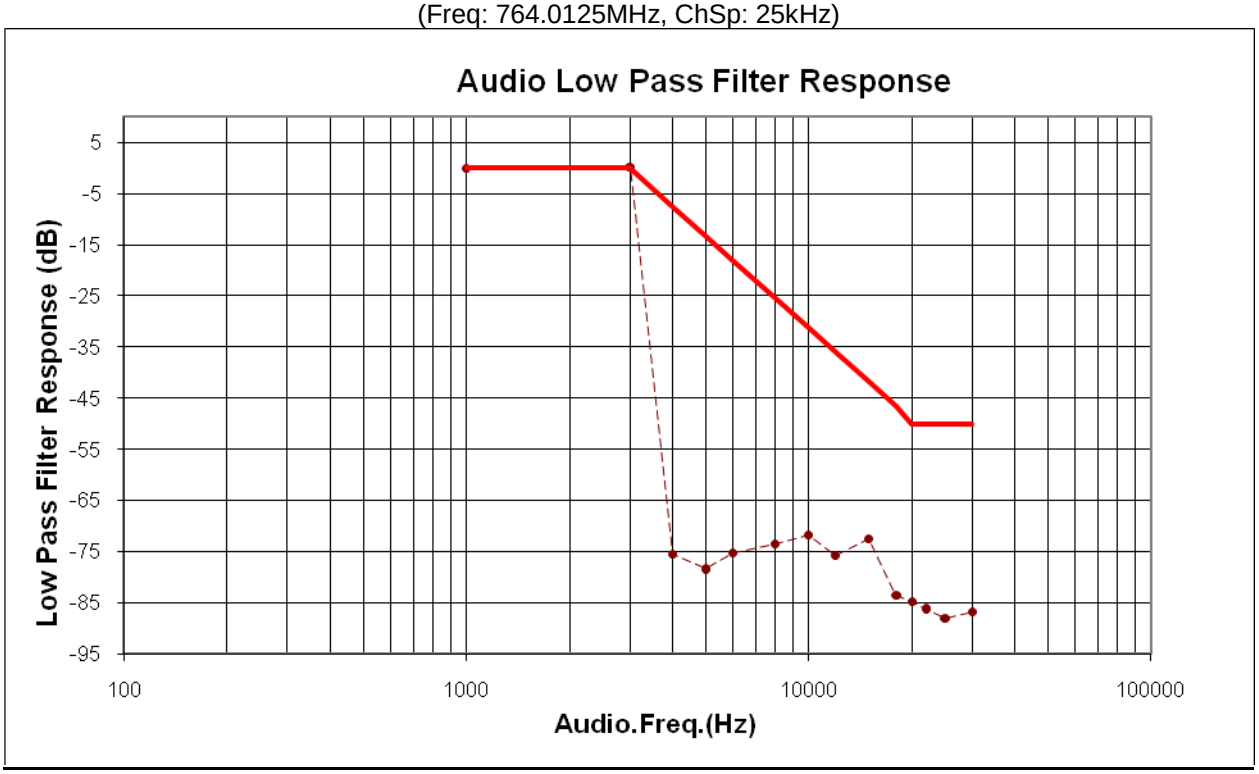


Exhibit 6C-7

Transmit Low Pass Filter Frequency Response
(Freq: 794.0125MHz, ChSp: 25kHz)

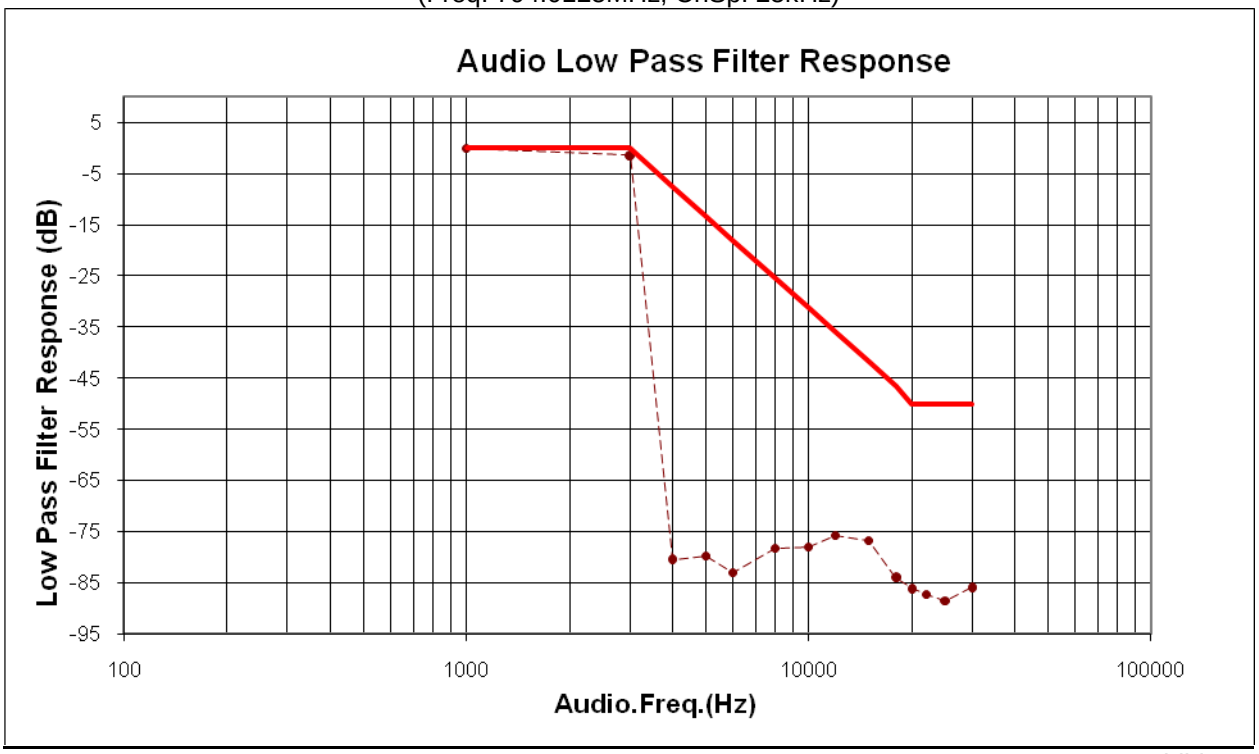


Exhibit 6C-8

Transmit Low Pass Filter Frequency Response
(Freq: 768.0125MHz, ChSp: 25kHz)

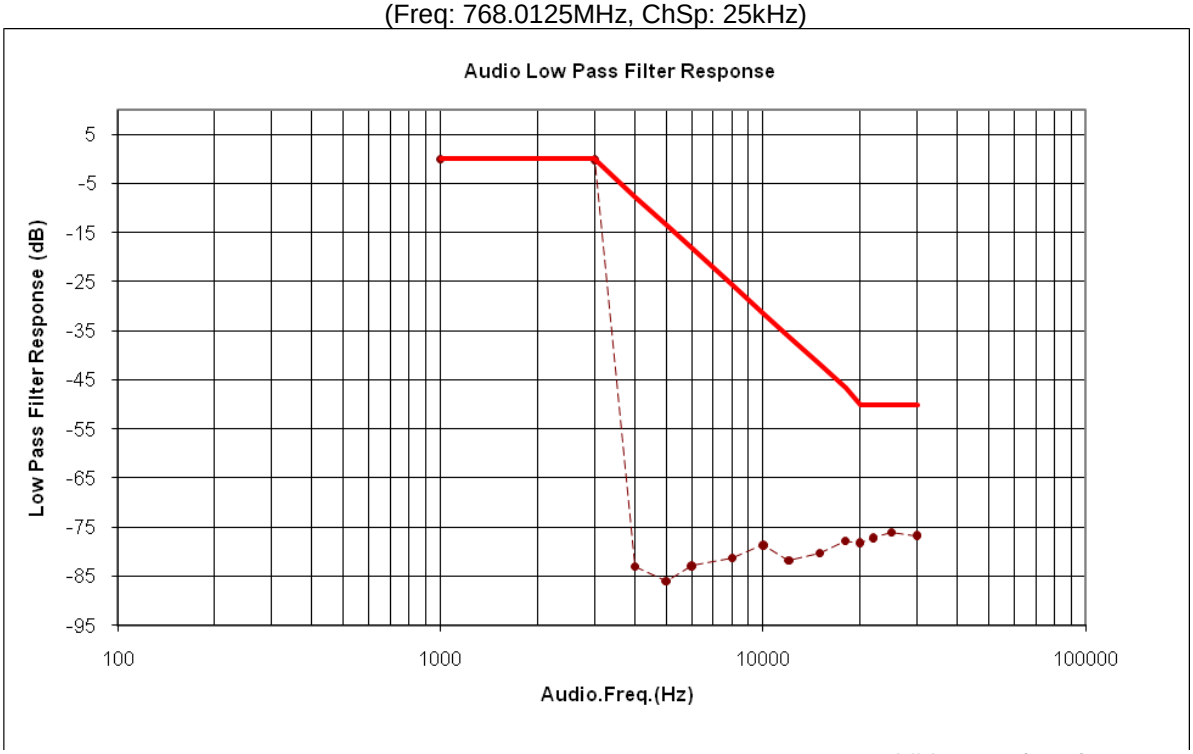


Exhibit 6C-9 *(Not for FCC Review)*

Transmit Low Pass Filter Frequency Response
(Freq: 798.9875MHz, ChSp: 25kHz)

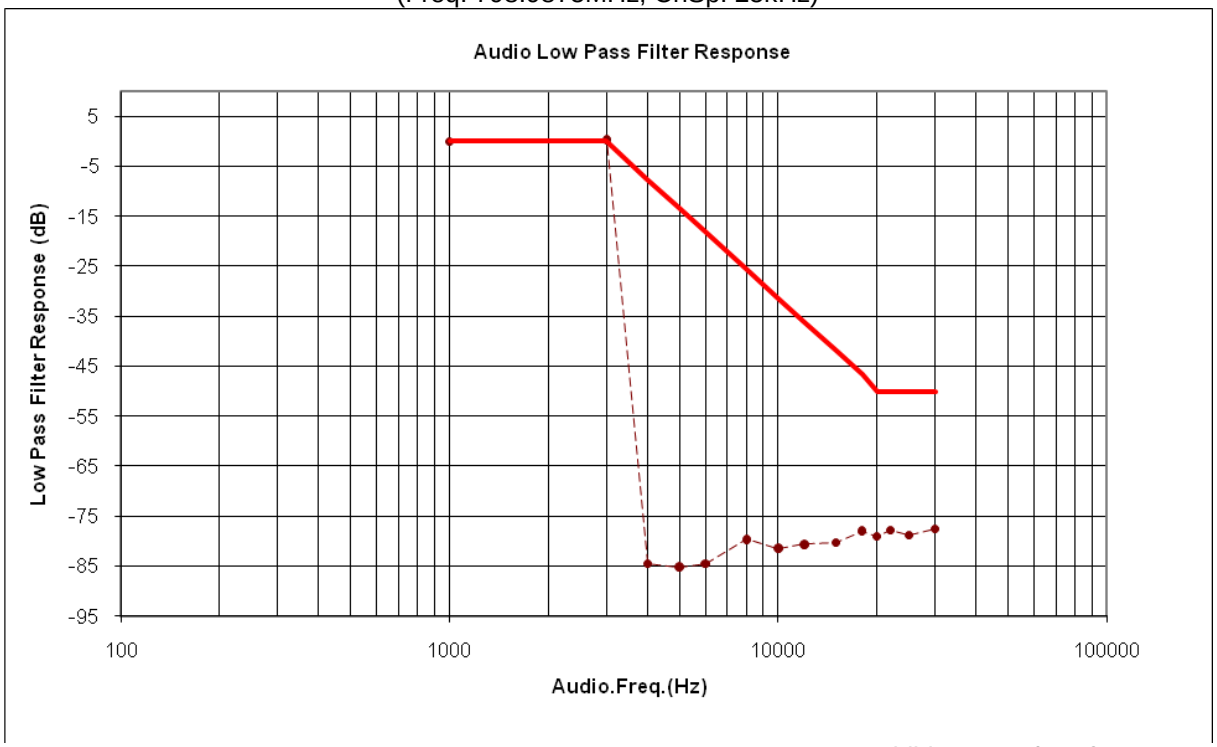


Exhibit 6C-10 *(Not for FCC Review)*

Transmit Low Pass Filter Frequency Response

(Freq: 815.0125MHz, ChSp: 25kHz)

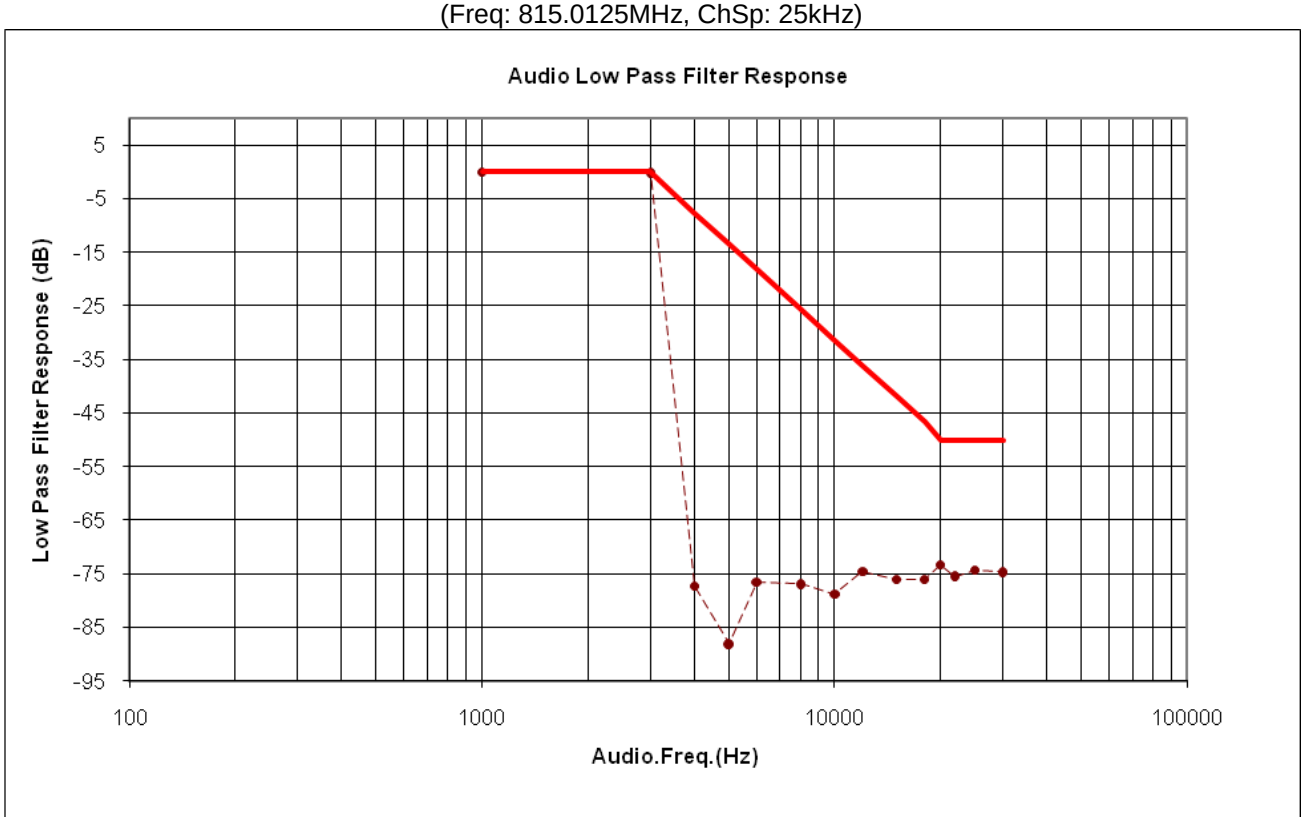


Exhibit 6C-11

Transmit Low Pass Filter Frequency Response

(Freq: 859.9875MHz, ChSp: 25kHz)

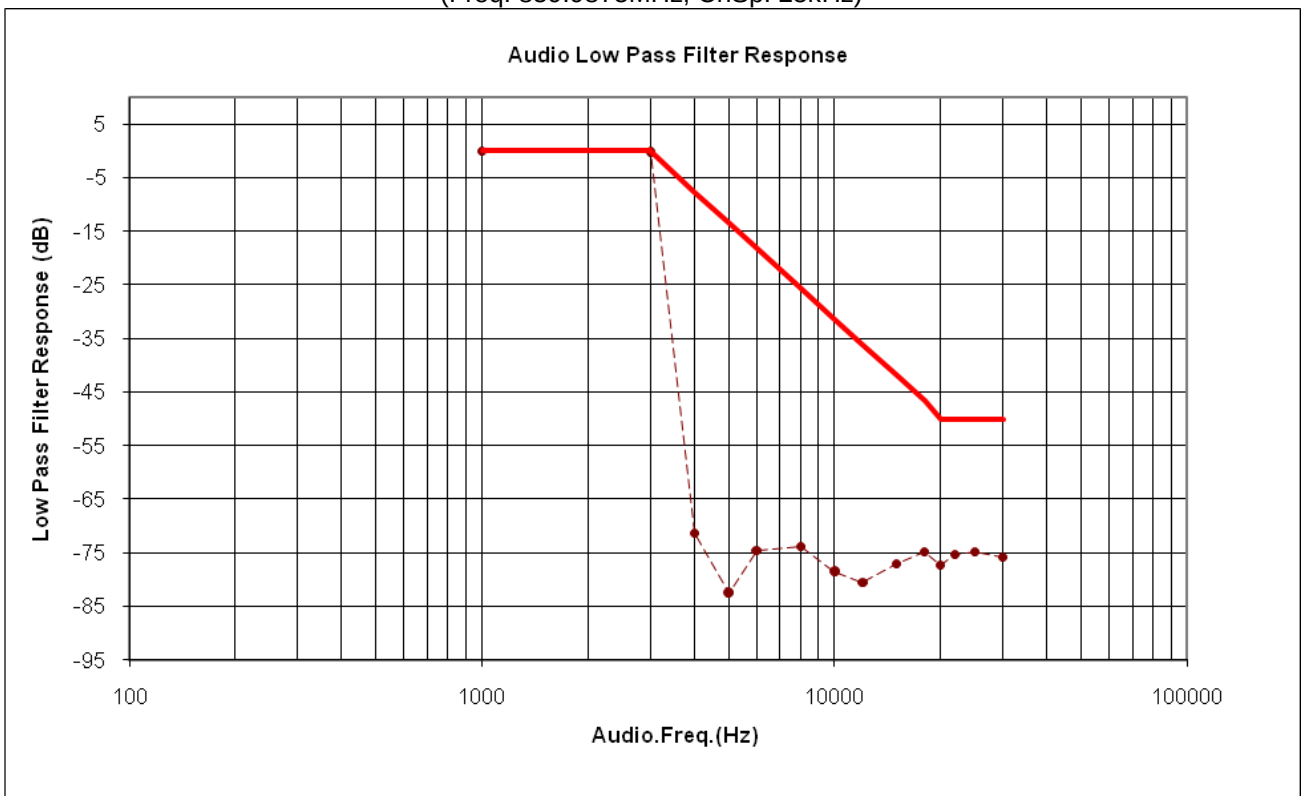


Exhibit 6C-12

EXHIBIT 6D
Modulation Limiting - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

Modulation Limiting (Freq: 764.0125MHz, ChSp: 12.5kHz)

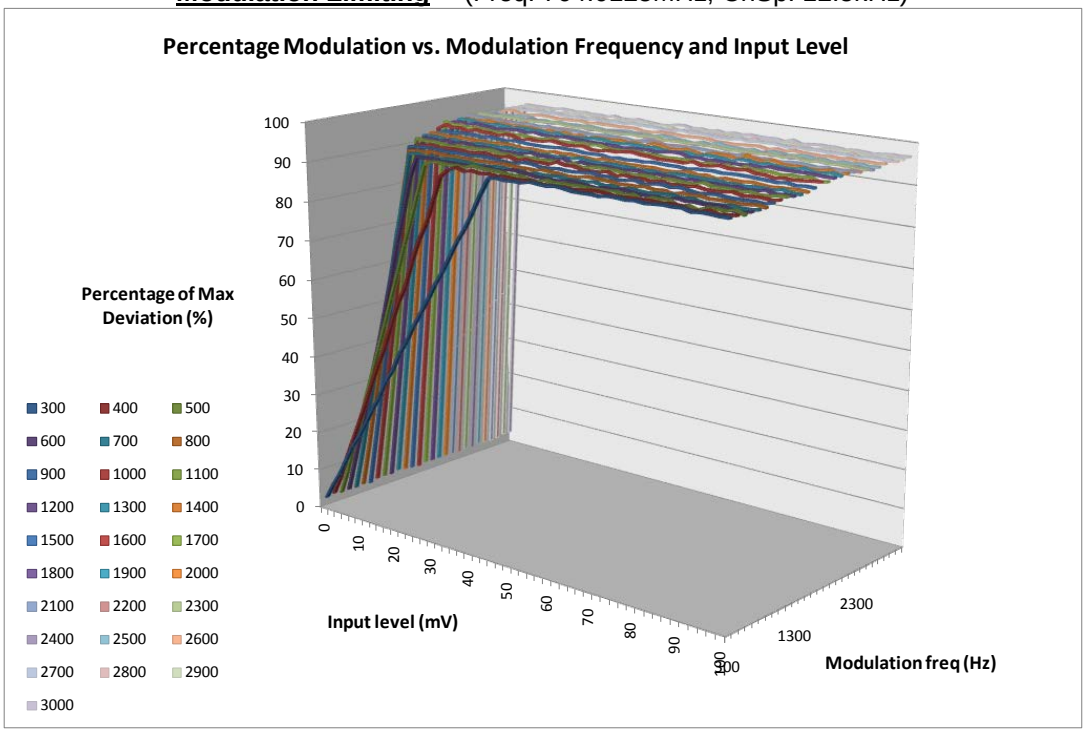


Exhibit 6D-1

Modulation Limiting (Freq: 794.0125MHz, ChSp: 12.5kHz)

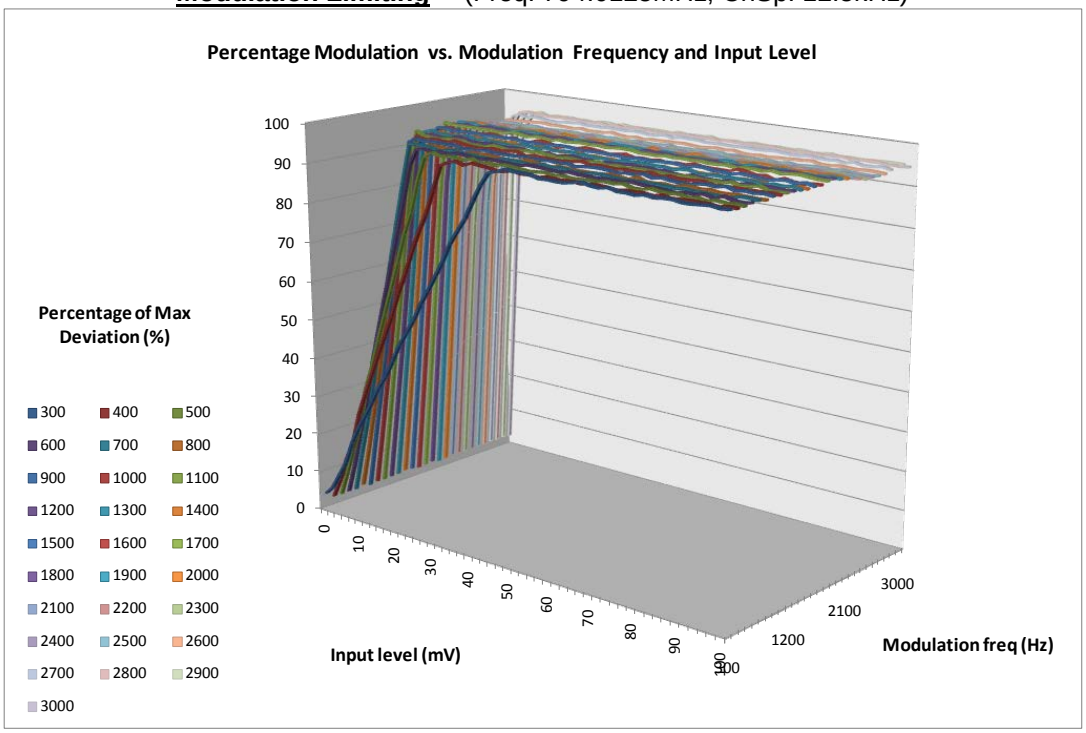


Exhibit 6D-2

Modulation Limiting (Freq: 768.0125MHz, ChSp: 12.5kHz)

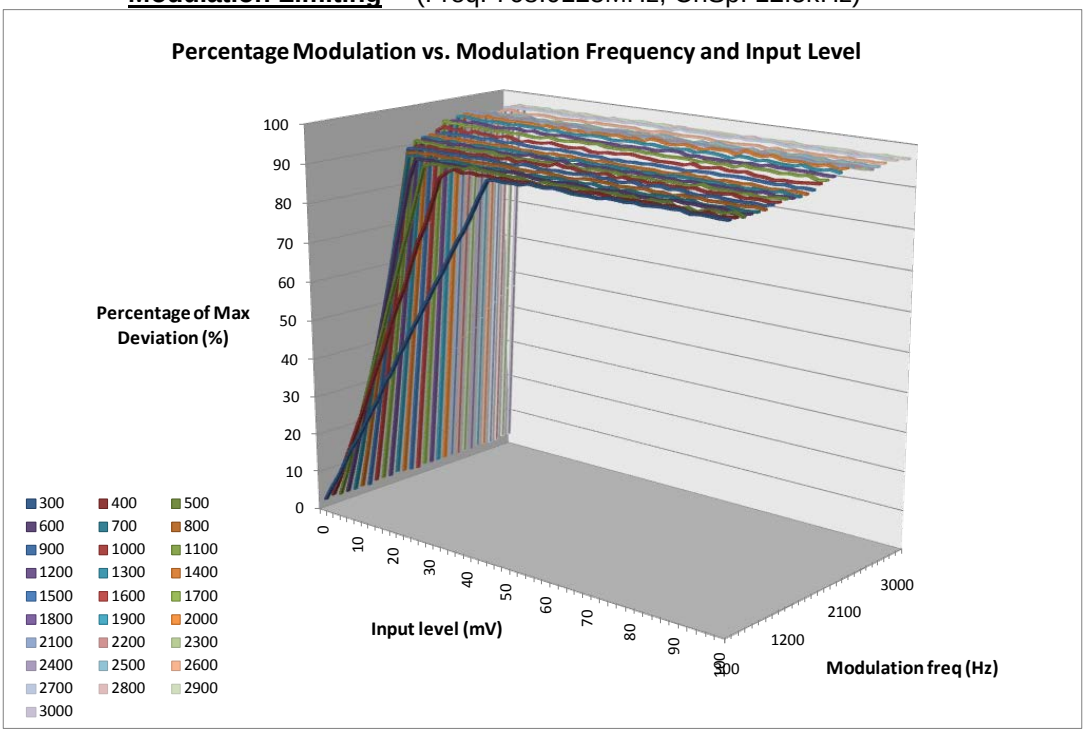


Exhibit 6D-3 *(Not for FCC Review)*

Modulation Limiting (Freq: 798.9875MHz, ChSp: 12.5kHz)

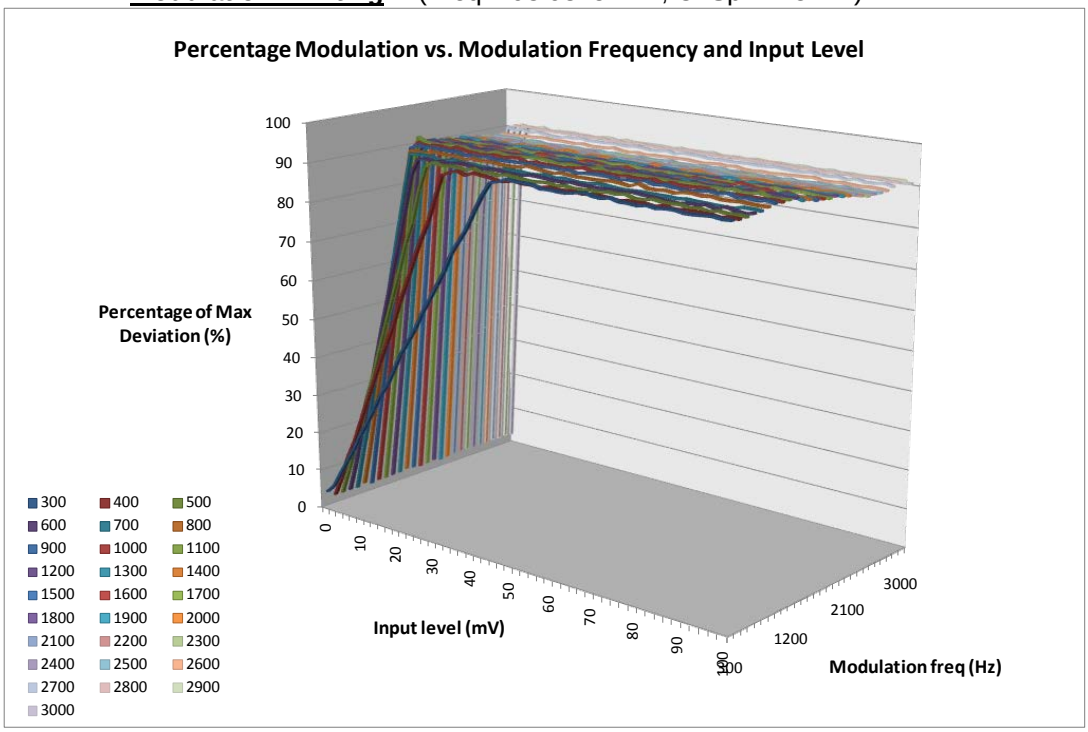


Exhibit 6D-4 *(Not for FCC Review)*

Modulation Limiting (Freq: 815.0125MHz, ChSp: 12.5kHz)

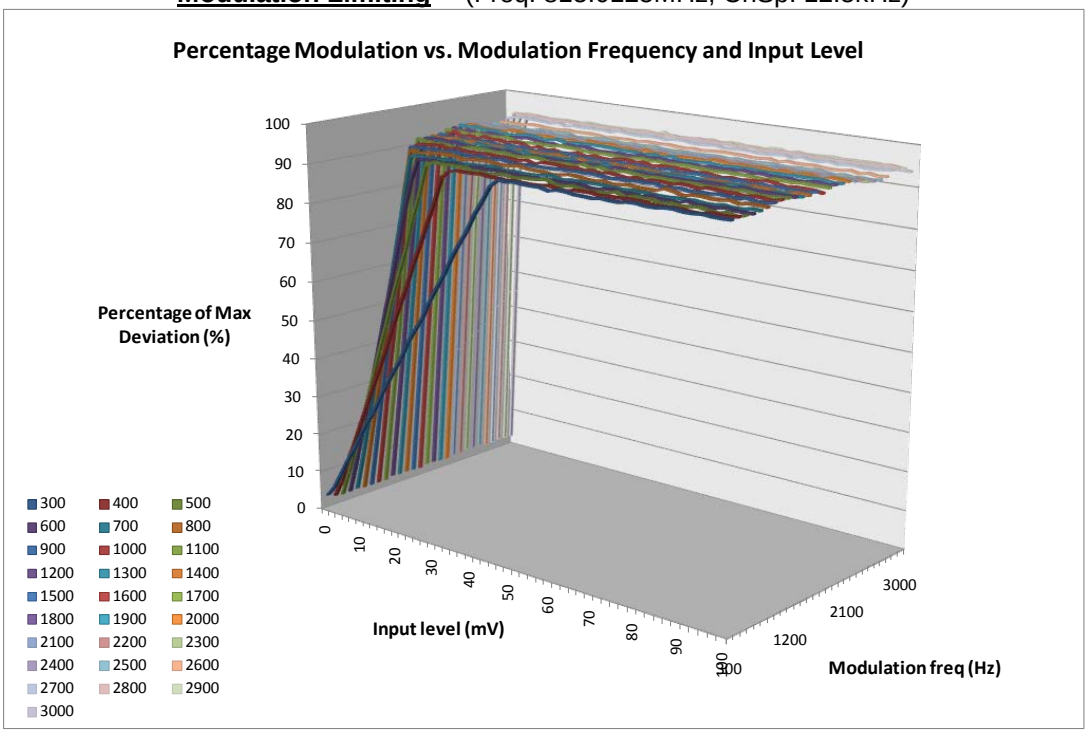


Exhibit 6D-5

Modulation Limiting (Freq: 859.9875MHz, ChSp: 12.5kHz)

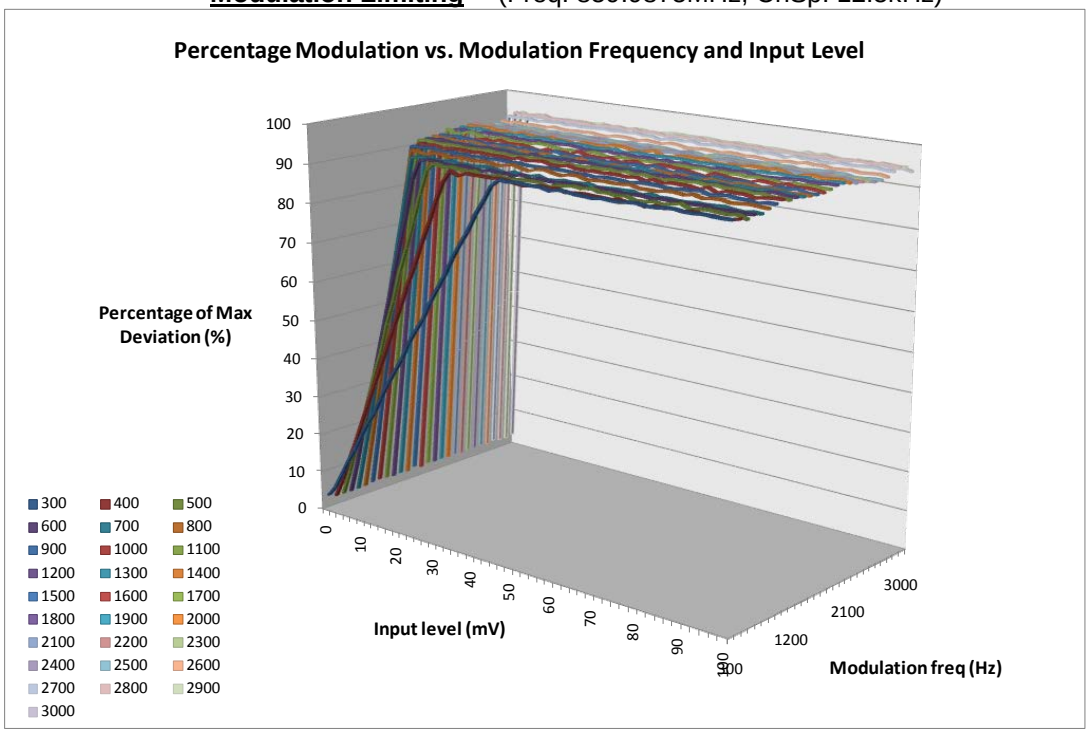


Exhibit 6D-6

Modulation Limiting (Freq: 764.0125MHz, ChSp: 25kHz)

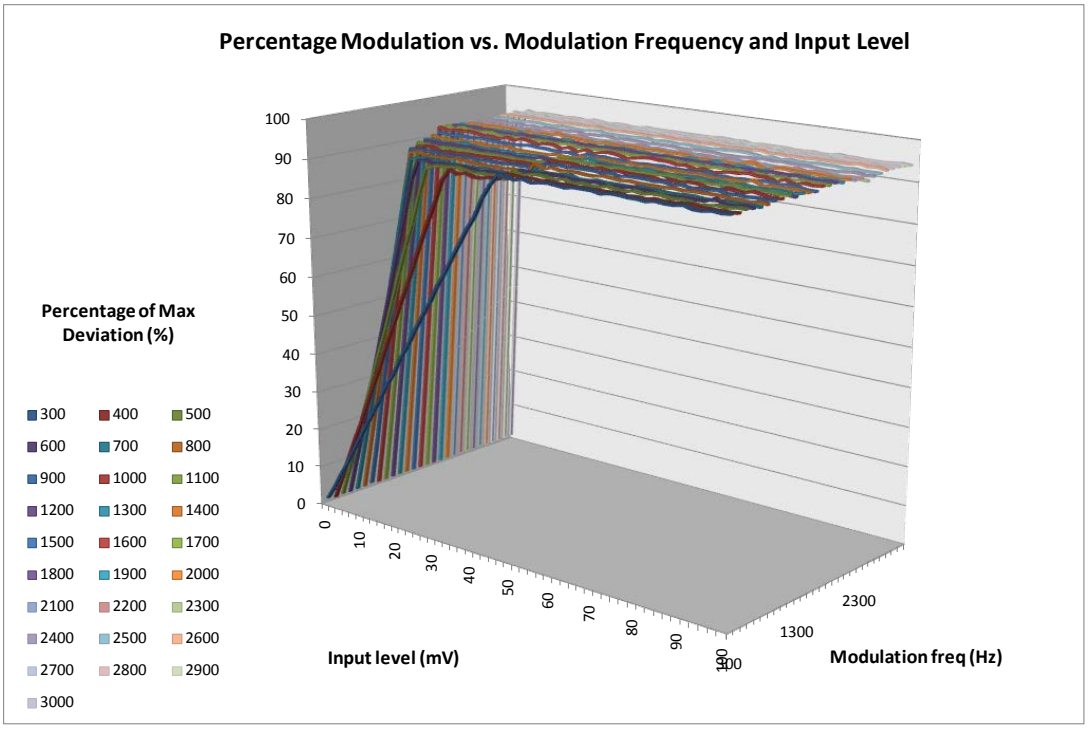


Exhibit 6D-7

Modulation Limiting (Freq: 794.0125MHz, ChSp: 25kHz)

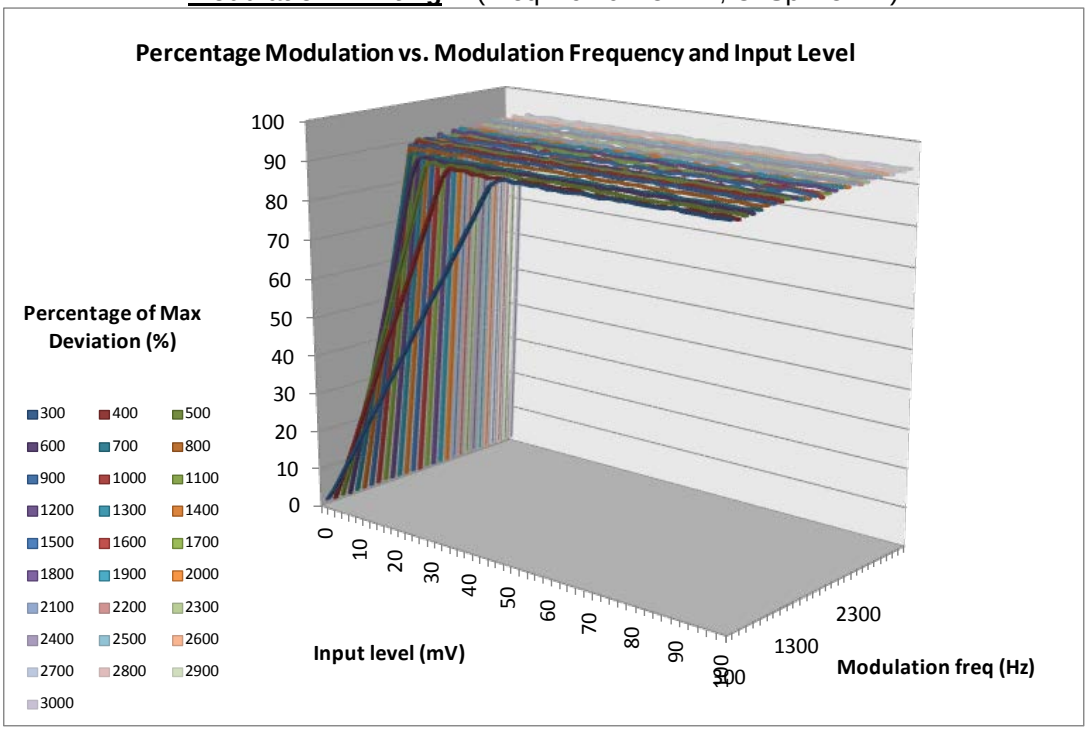


Exhibit 6D-8

Modulation Limiting (Freq: 768.0125MHz, ChSp: 25kHz)

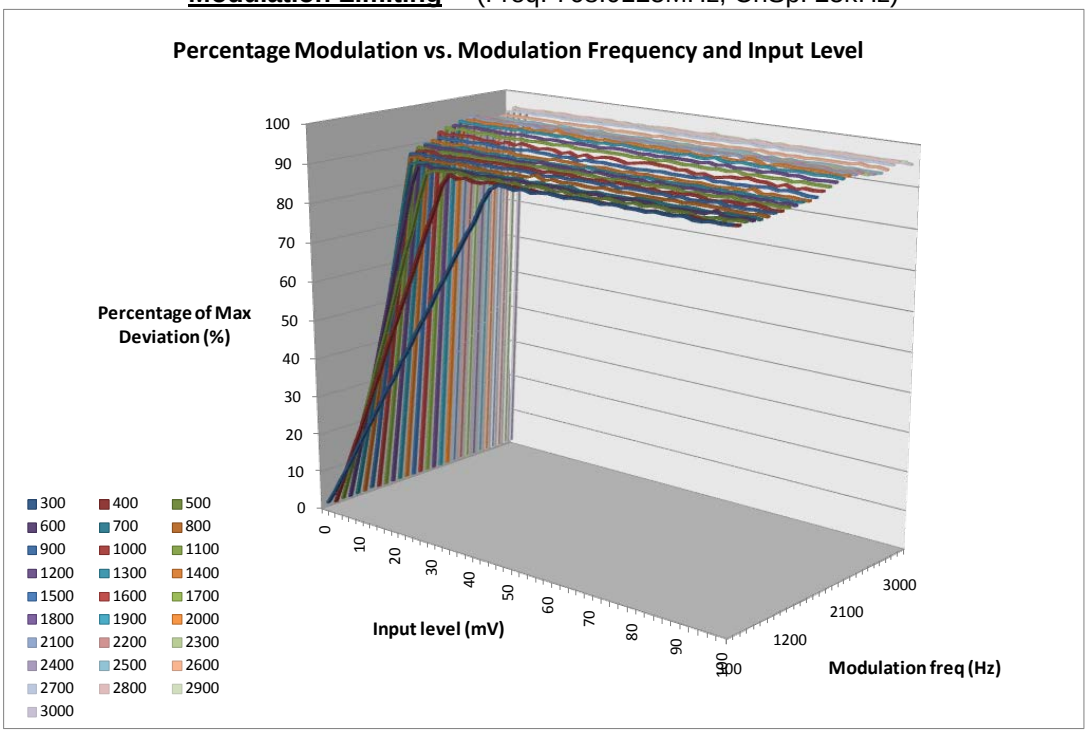


Exhibit 6D-9 *(Not for FCC Review)*

Modulation Limiting (Freq: 798.9875MHz, ChSp: 25kHz)

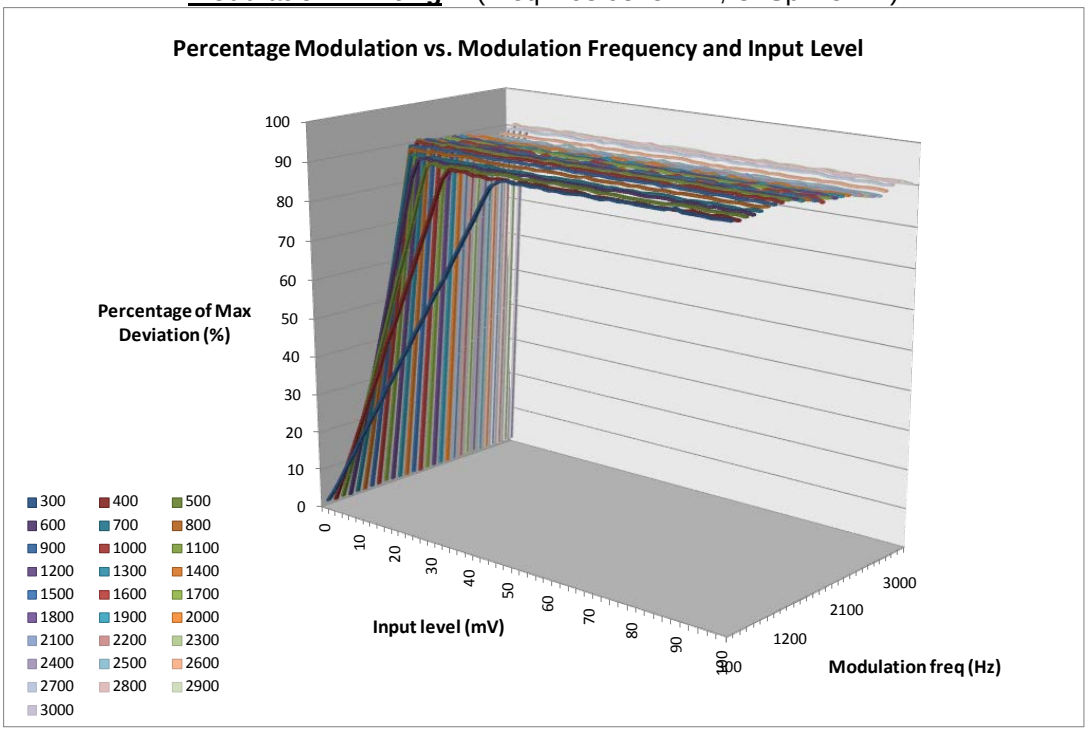


Exhibit 6D-10*(Not for FCC Review)*

Modulation Limiting (Freq: 815.0125MHz, ChSp: 25kHz)

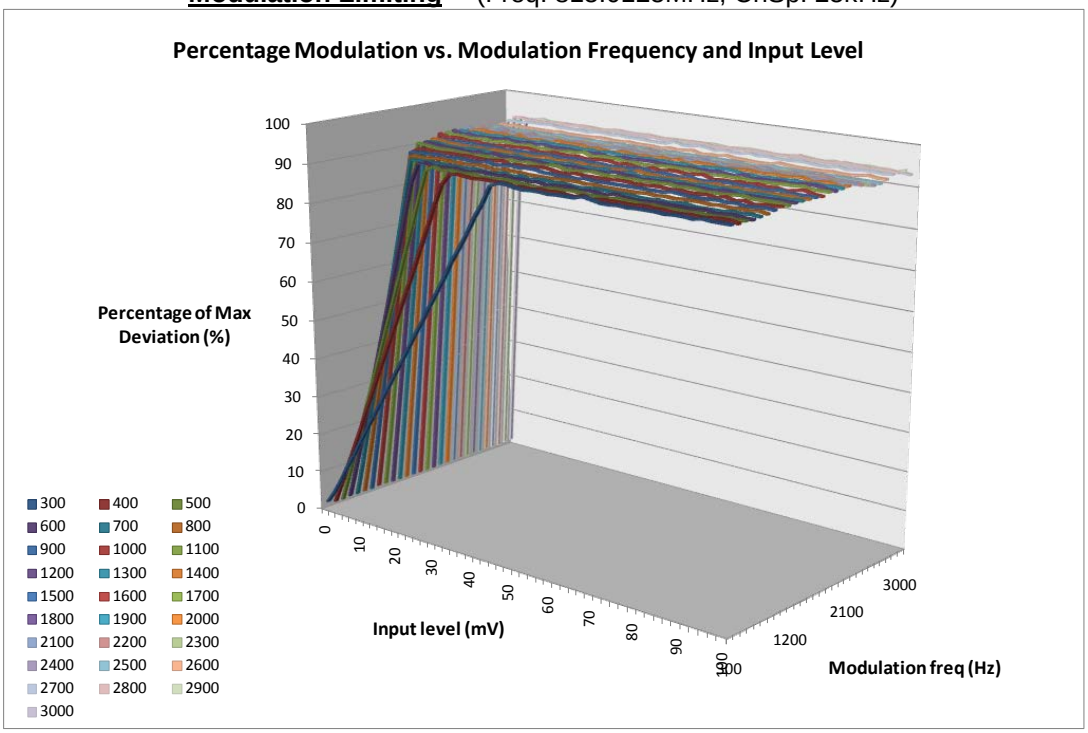


Exhibit 6D-11

Modulation Limiting (Freq: 859.9875MHz, ChSp: 25kHz)

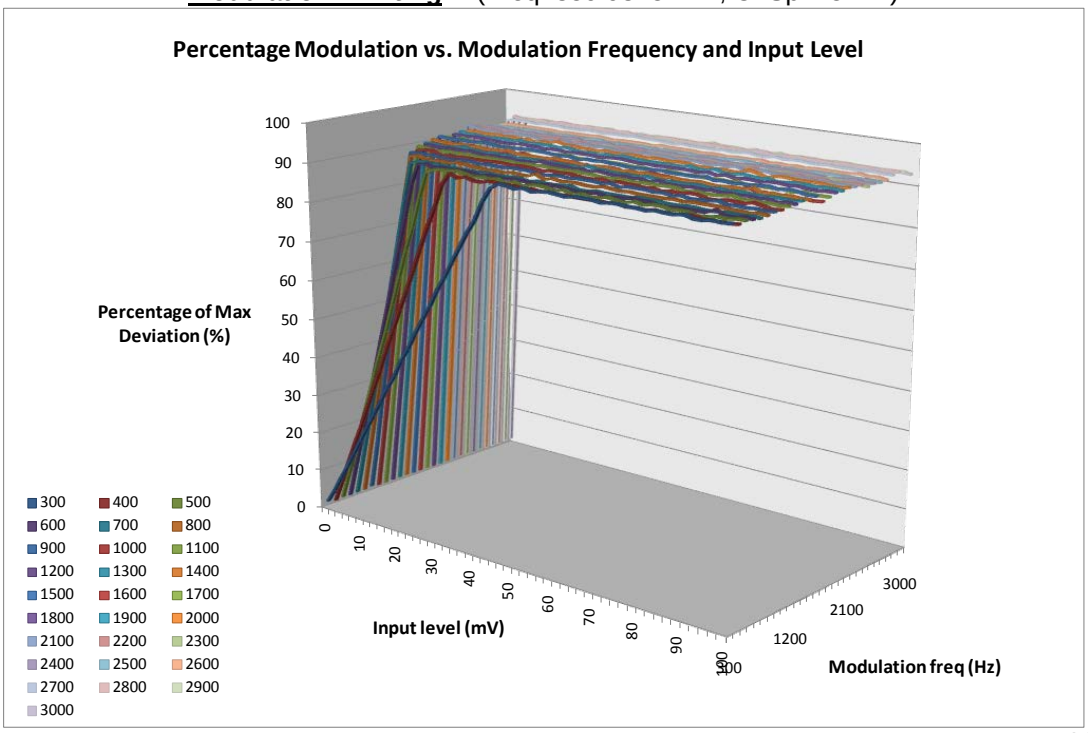


Exhibit 6D-12

BANDWIDTH CALCULATIONS**:**

Carson's Rule for FM modulation is utilized to compute the bandwidth shown in the FCC emission designator. Carson's Rule is: BW = 2 * (M + D) where: BW = Bandwidth
M= Maximum modulating frequency
D = Deviation

Shown below are the calculations required for FCC ID: AZ489FT5860.

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 kHz + 2.5 kHz) = 11 kHz =➔ 11K0
F3E portion of the designator indicates voice.

Therefore, the entire designator for 12.5 kHz channelization analog voice is 11K0F3E.

EXHIBIT 6E-2

Standard Audio Modulation (25 kHz Channelization, Analog Voice):
Emission Designator 16K0F3E

In this case, the maximum modulating frequency is 3 kHz with a 5 kHz deviation.

BW = 2(M+D) = 2*(3 kHz + 5 kHz) = 16 kHz =➔ 16K0
F3E portion of the designator indicates voice.

Therefore, the entire designator for 25 kHz channelization analog voice is 16K0F3E.

EXHIBIT 6E-3

Digital (12.5 kHz Channelization, Digital Data):
Emission Designator 8K10F1D

The 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1D portion of the designator indicates digital data.

Therefore, the entire designator for 12.5 kHz channelization digital data is 8K10F1D.

EXHIBIT 6E-4

Digital (12.5 kHz Channelization, Digital Voice):
Emission Designator 8K10F1E

The 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1E portion of the designator indicates digital voice.

Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1E.

EXHIBIT 6E-5

Digital (12.5 kHz Channelization, Digital TDMA):
Emission Designator 8K10F1W

The 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1W portion of the designator indicates digital TDMA.

Therefore, the entire designator for 12.5 kHz channelization digital TDMA is 8K10F1W.

EXHIBIT 6E-6

Digital Modulation (20 kHz Channelization, Digital Voice with encryption):
Emission Designator 20K0F1E

In this case, the maximum modulating frequency is 6 kHz with a 4 kHz deviation.

BW = 2(M+D) = 2*(6 kHz + 4 kHz) = 20 kHz =➔ 20K0
F1E portion of the designator indicates digital voice.

Therefore, the entire designator for 20 kHz channelization analog voice is 20K0F1E.

EXHIBIT 6E

Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(b), 90.691 and RSS-119

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 764.0125 MHz Channel Spacing = 12.5 kHz

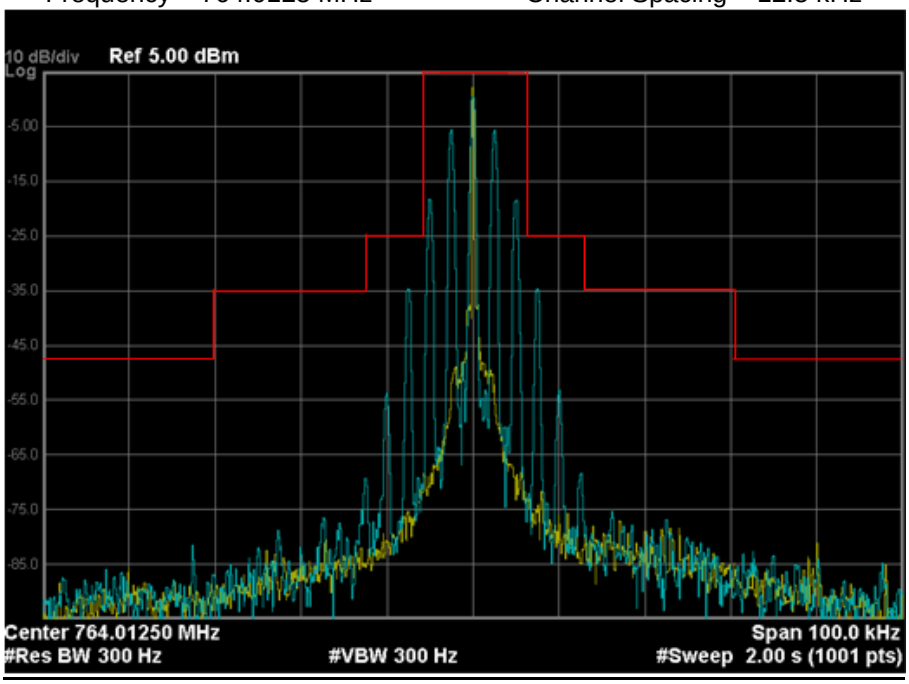


Exhibit 6E-1

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 794.0125 MHz Channel Spacing = 12.5 kHz

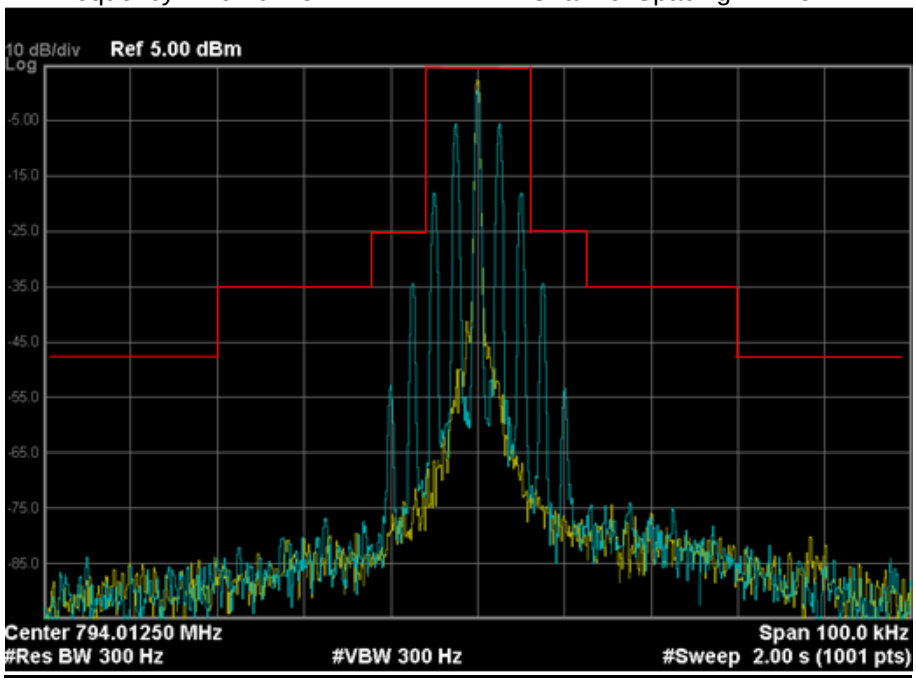


Exhibit 6E-2

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 768.0125 MHz Channel Spacing = 12.5 kHz

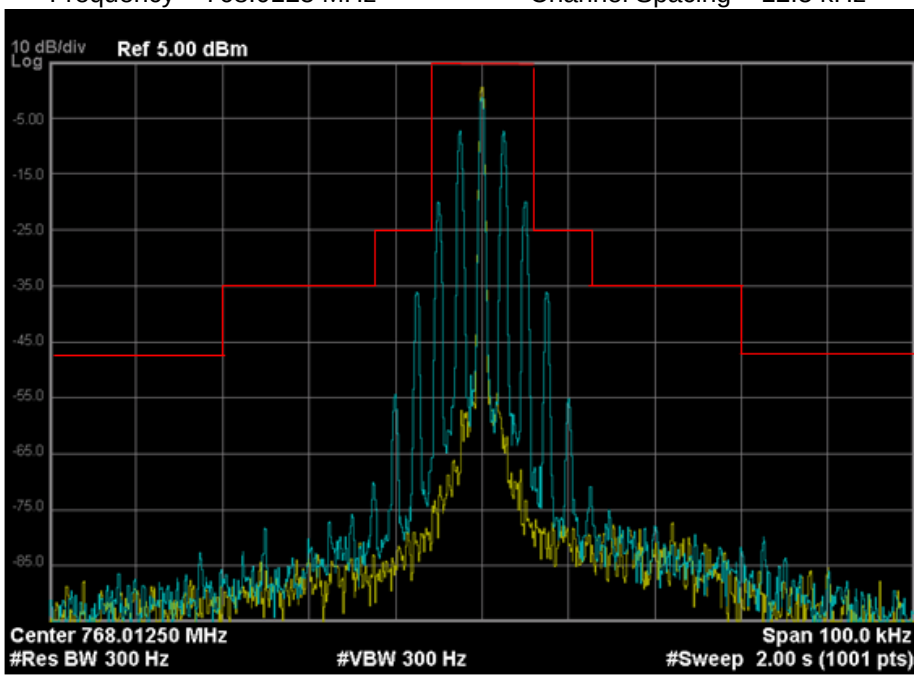


Exhibit 6E-3 *(Not for FCC Review)*

Occupied Bandwidth (Analog Voice: 11K0F3E)
Frequency = 798.9875 MHz Channel Spacing = 12.5 kHz

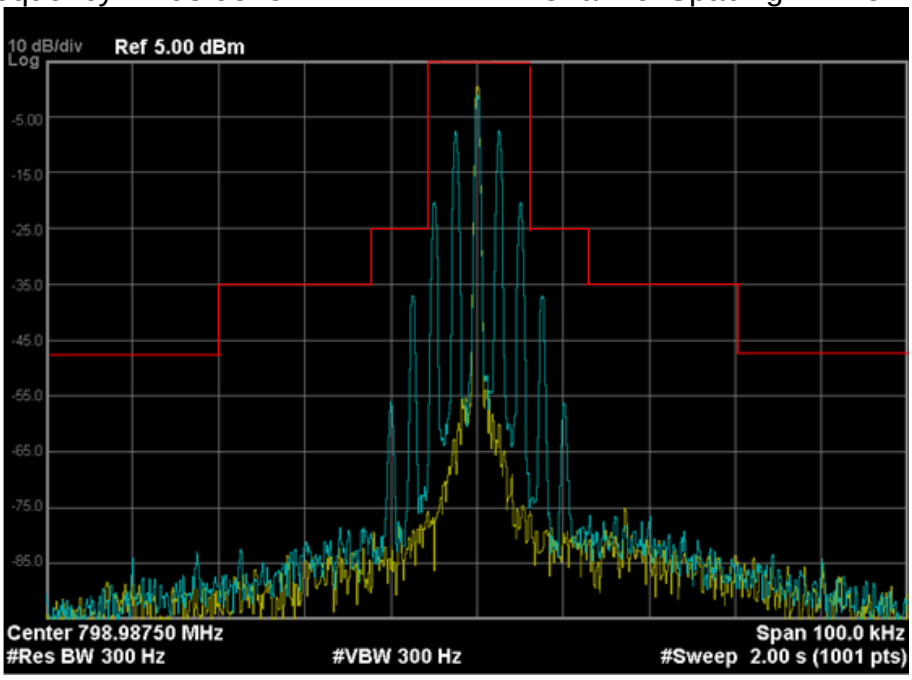


Exhibit 6E-4 *(Not for FCC Review)*

Occupied Bandwidth (Analog Voice: 11K0F3E)

Frequency = 815.0125 MHz Channel Spacing = 12.5 kHz

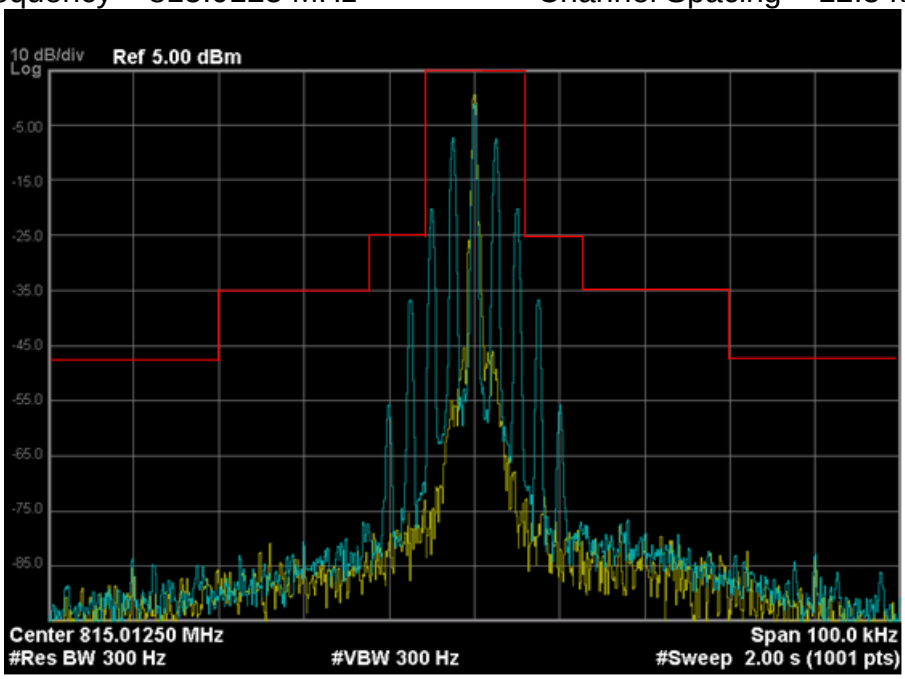


Exhibit 6E-5

Occupied Bandwidth (Analog Voice: 11K0F3E)

Frequency = 859.9875 MHz Channel Spacing = 12.5 kHz

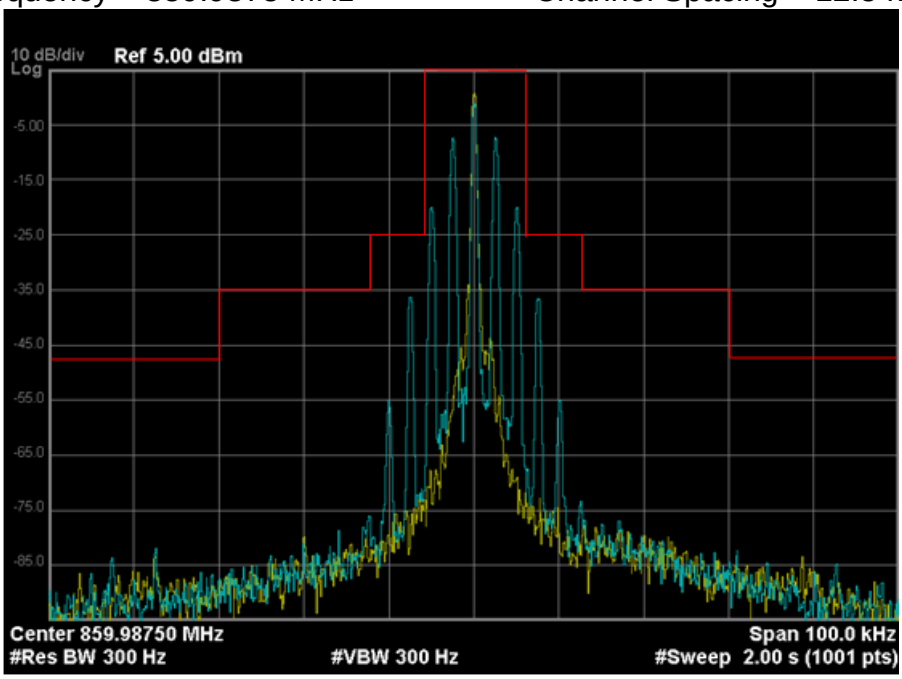


Exhibit 6E-6

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 764.0125 MHz Channel Spacing = 25 kHz

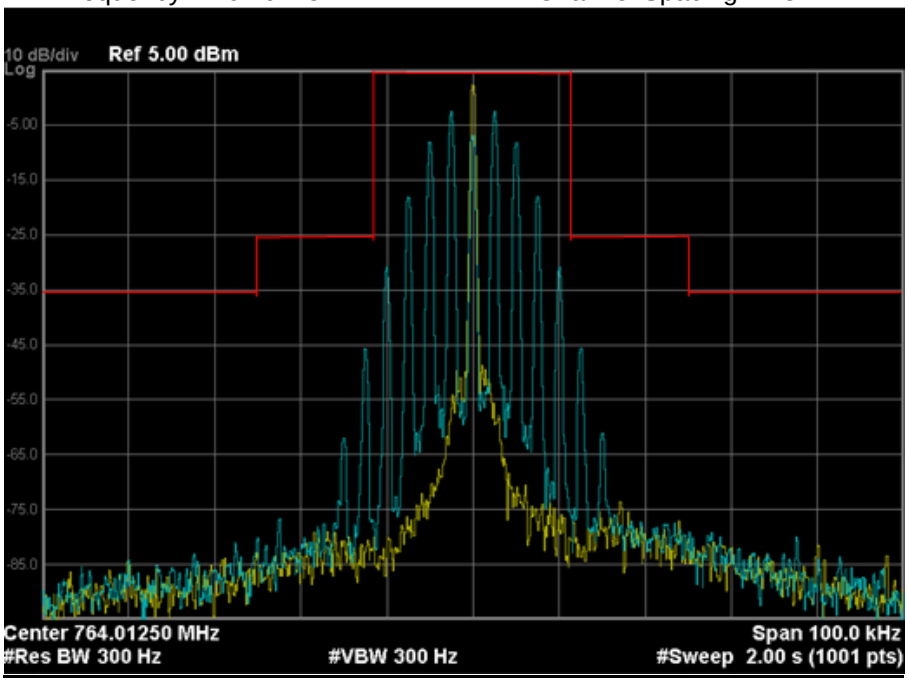


Exhibit 6E-7

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 794.0125 MHz Channel Spacing = 25 kHz

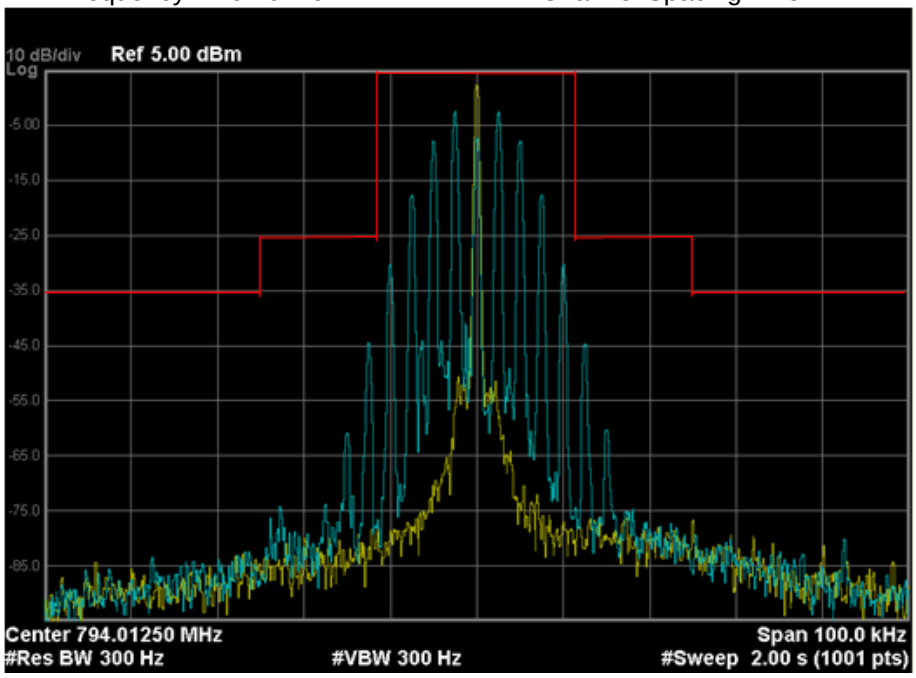


Exhibit 6E-8

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 768.0125 MHz Channel Spacing = 25 kHz

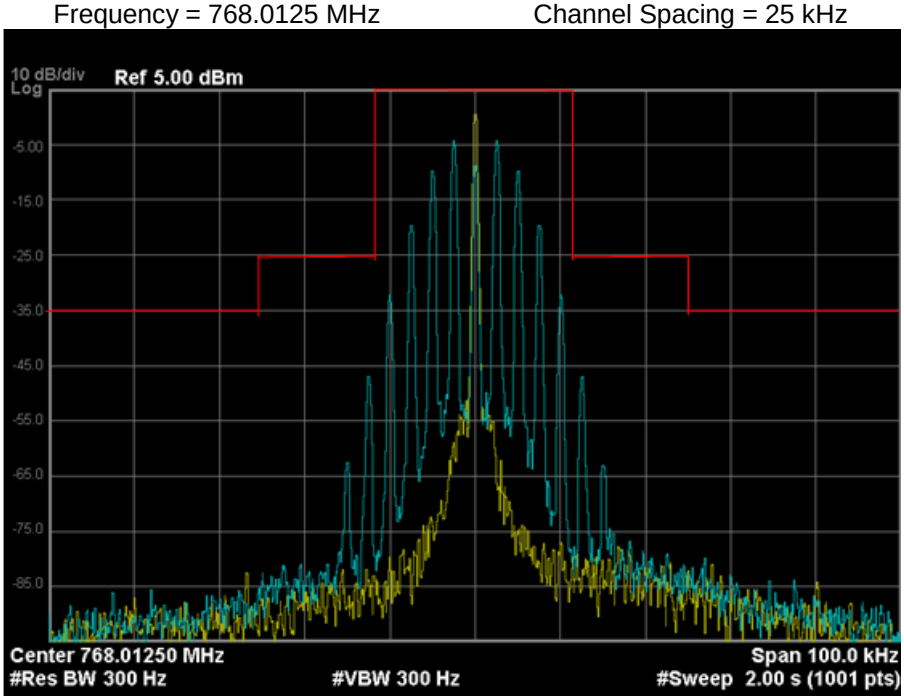


Exhibit 6E-9 *(Not for FCC Review)*

Occupied Bandwidth (Analog Voice: 16K0F3E)
Frequency = 798.9875 MHz Channel Spacing = 25 kHz

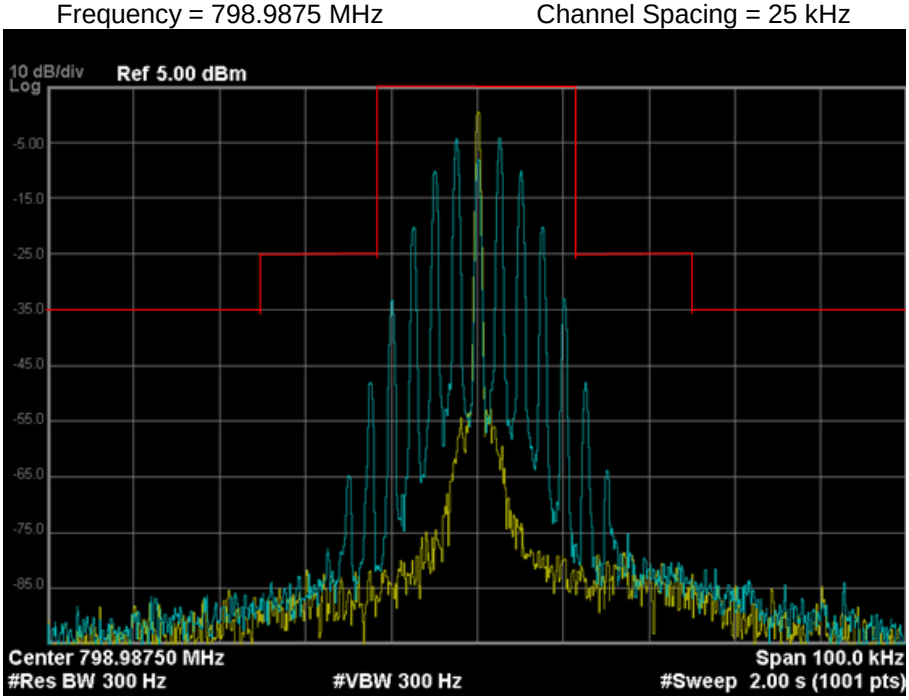


Exhibit 6E-10 *(Not for FCC Review)*

Occupied Bandwidth (Analog Voice: 16K0F3E)

Frequency = 815.0125 MHz Channel Spacing = 25 kHz

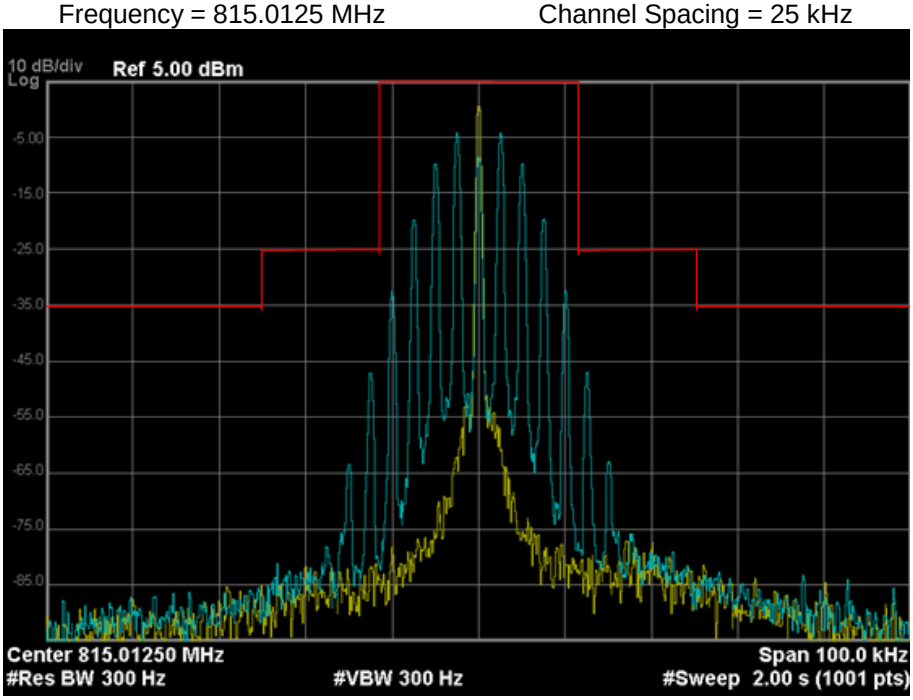


Exhibit 6E-11

Occupied Bandwidth (Analog Voice: 16K0F3E)

Frequency = 859.9875 MHz Channel Spacing = 25 kHz

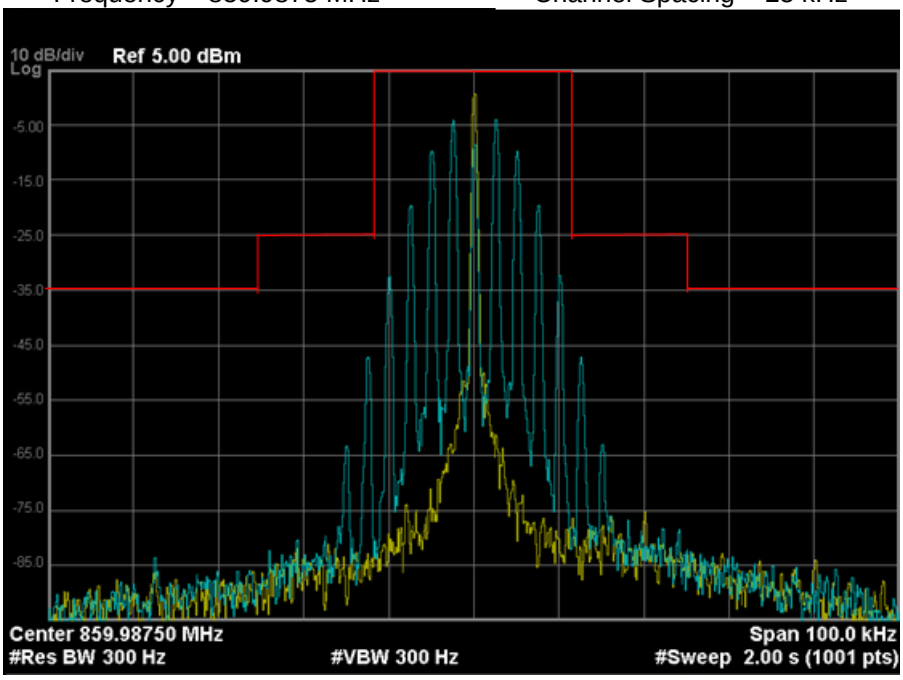


Exhibit 6E-12

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 764.0125 MHz Channel Spacing = 12.5 kHz

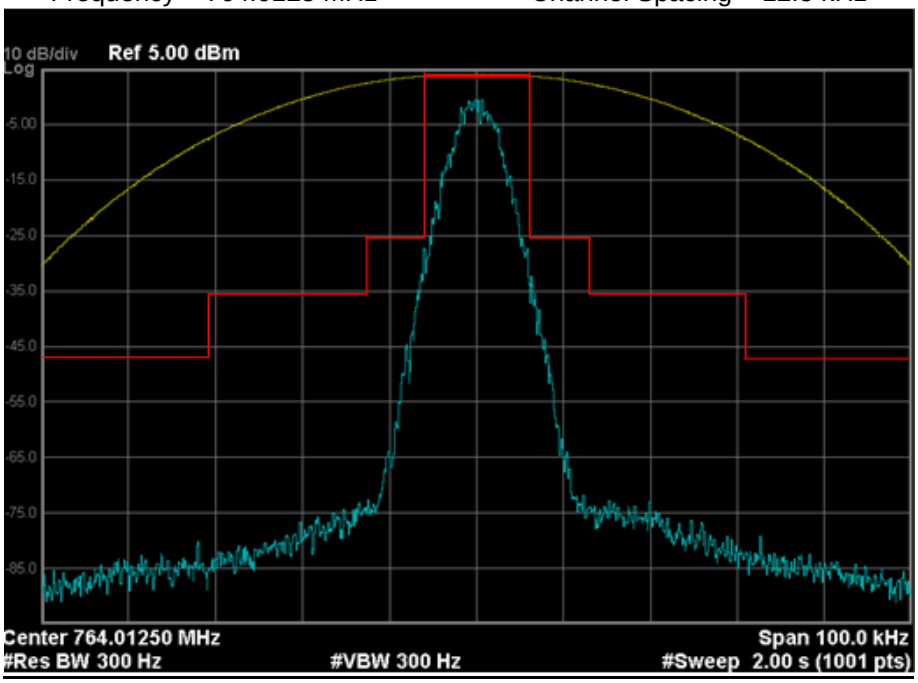


Exhibit 6E-13

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 794.0125 MHz Channel Spacing = 12.5 kHz

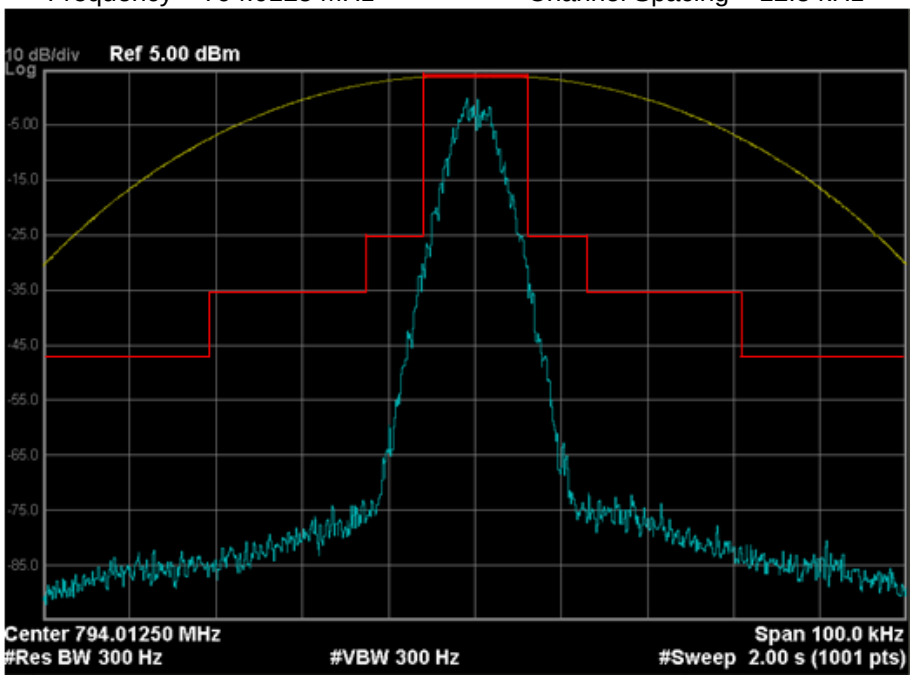


Exhibit 6E-14

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 768.0125 MHz Channel Spacing = 12.5 kHz

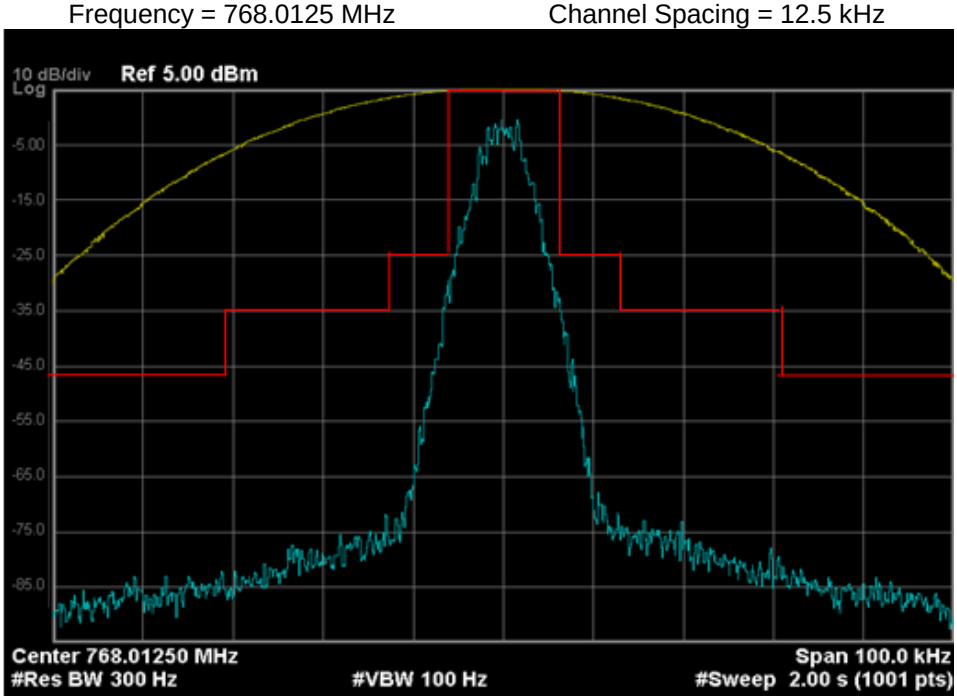


Exhibit 6E-15 *(Not for FCC Review)*

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 798.9875 MHz Channel Spacing = 12.5 kHz

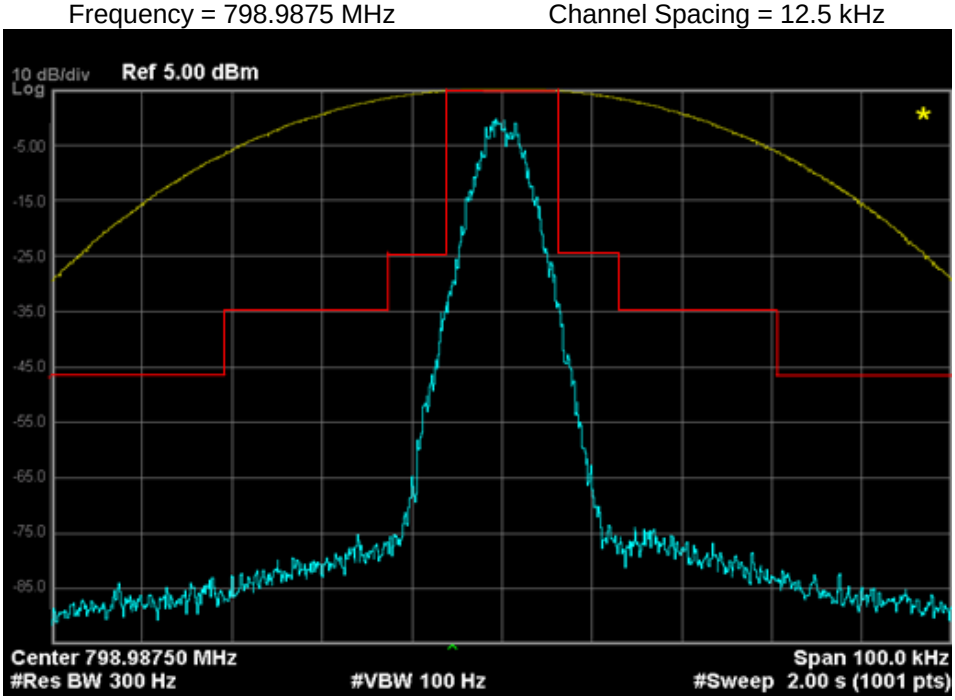


Exhibit 6E-16 *(Not for FCC Review)*

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 815.0125 MHz Channel Spacing = 12.5 kHz

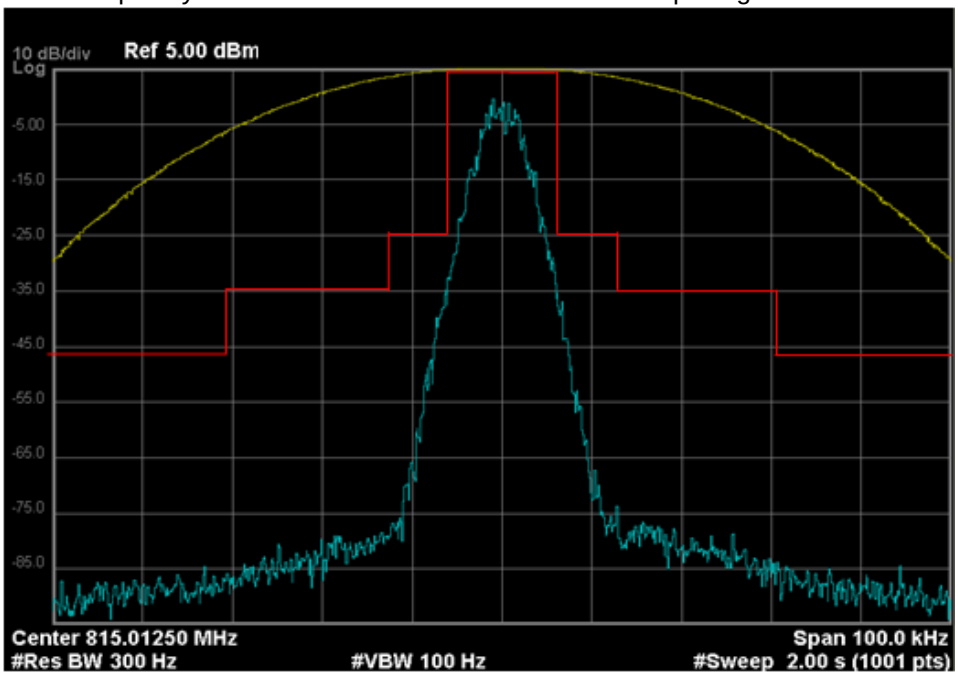


Exhibit 6E-17

Occupied Bandwidth (Digital Data: 8K10F1D)
Frequency = 859.9875 MHz Channel Spacing = 12.5 kHz)

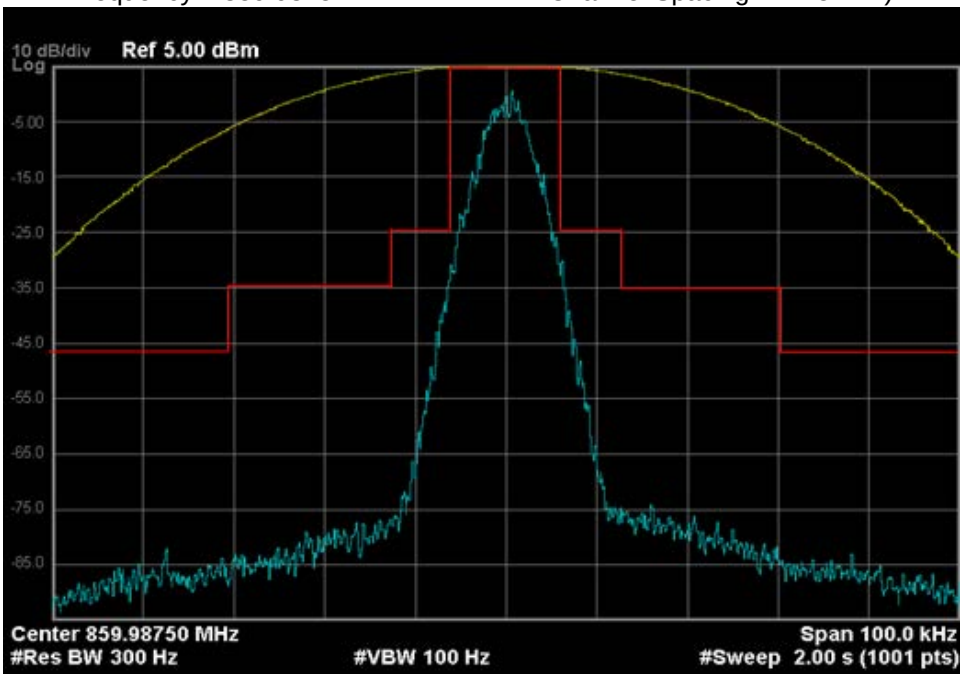


Exhibit 6E-18

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 764.0125 MHz Channel Spacing = 12.5 kHz

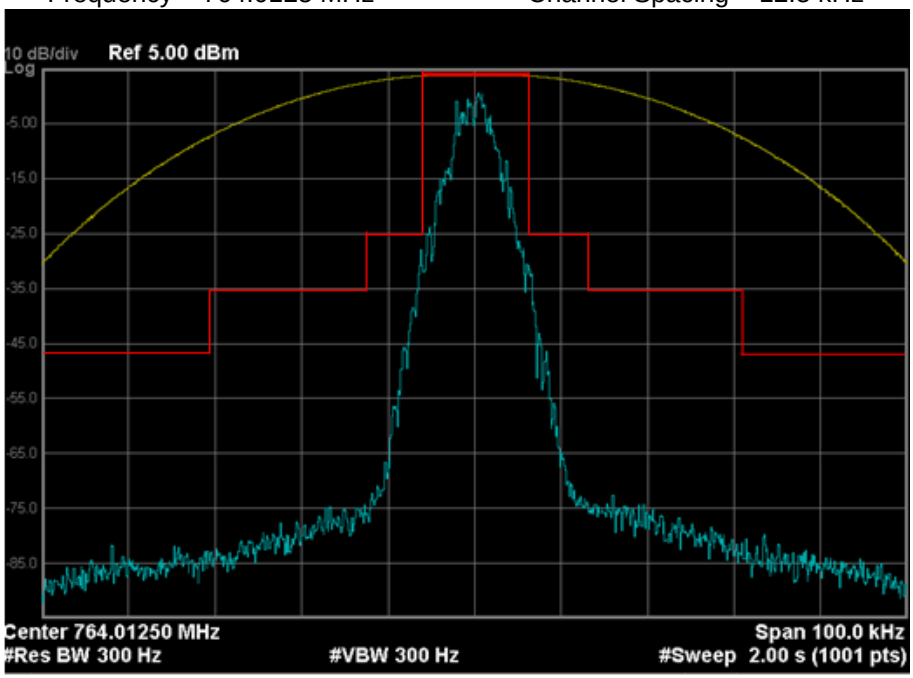


Exhibit 6E-19

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 794.0125 MHz Channel Spacing = 12.5 kHz

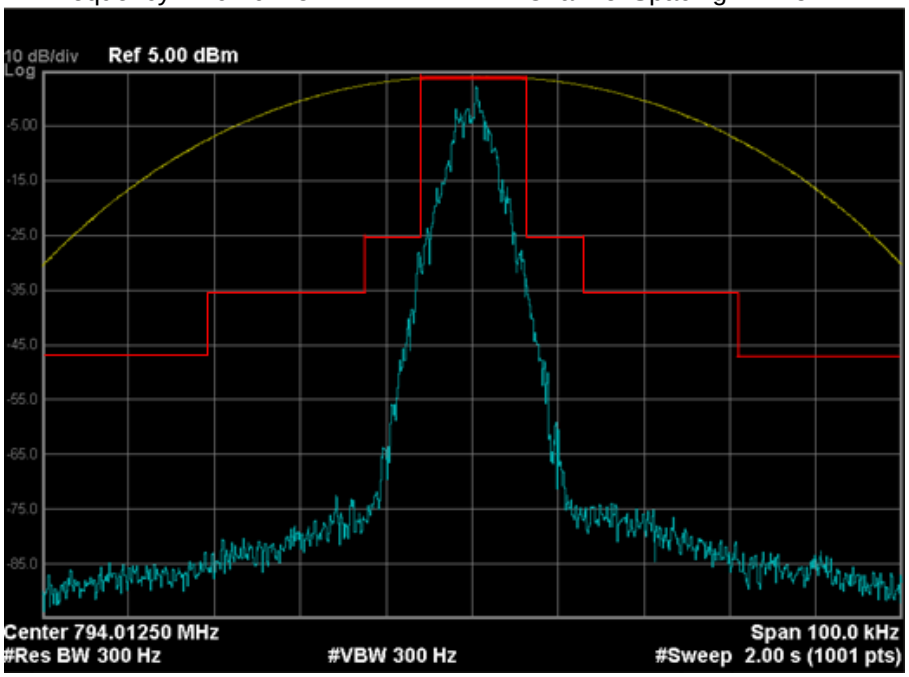


Exhibit 6E-20

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 768.0125 MHz Channel Spacing = 12.5 kHz

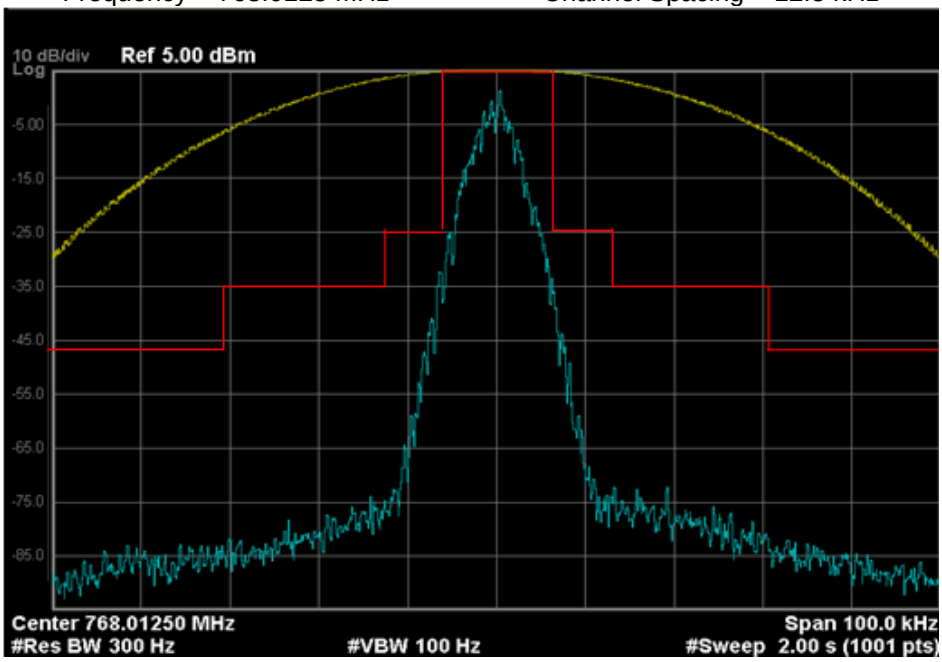


Exhibit 6E-21 *(Not for FCC Review)*

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 798.9875 MHz Channel Spacing = 12.5 kHz

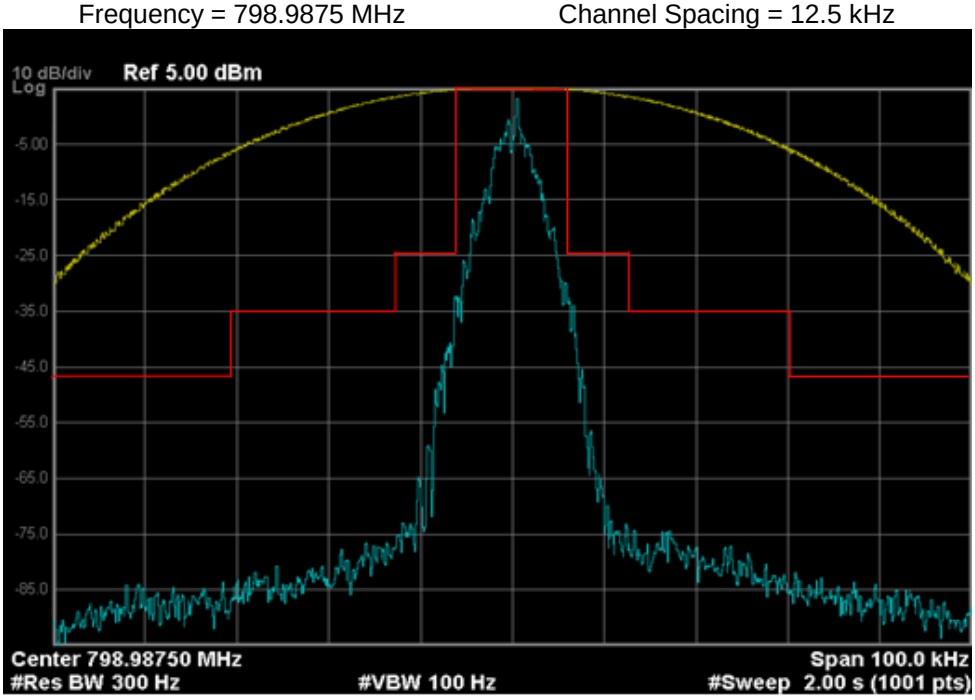


Exhibit 6E-22 *(Not for FCC Review)*

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 815.0125 MHz Channel Spacing = 12.5 kHz

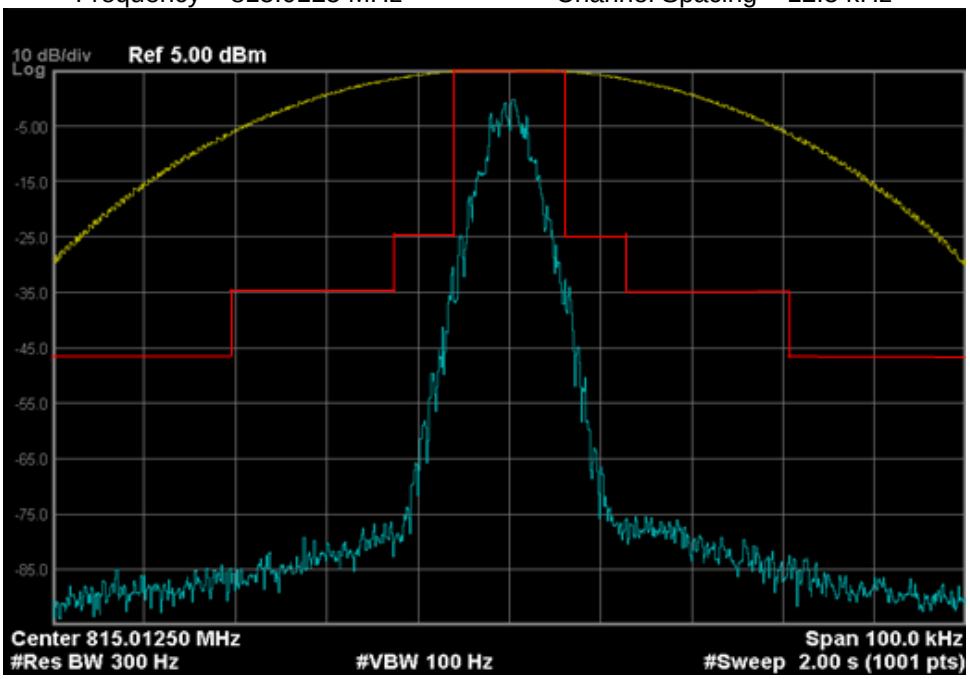


Exhibit 6E-23

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 859.9875 MHz Channel Spacing = 12.5 kHz

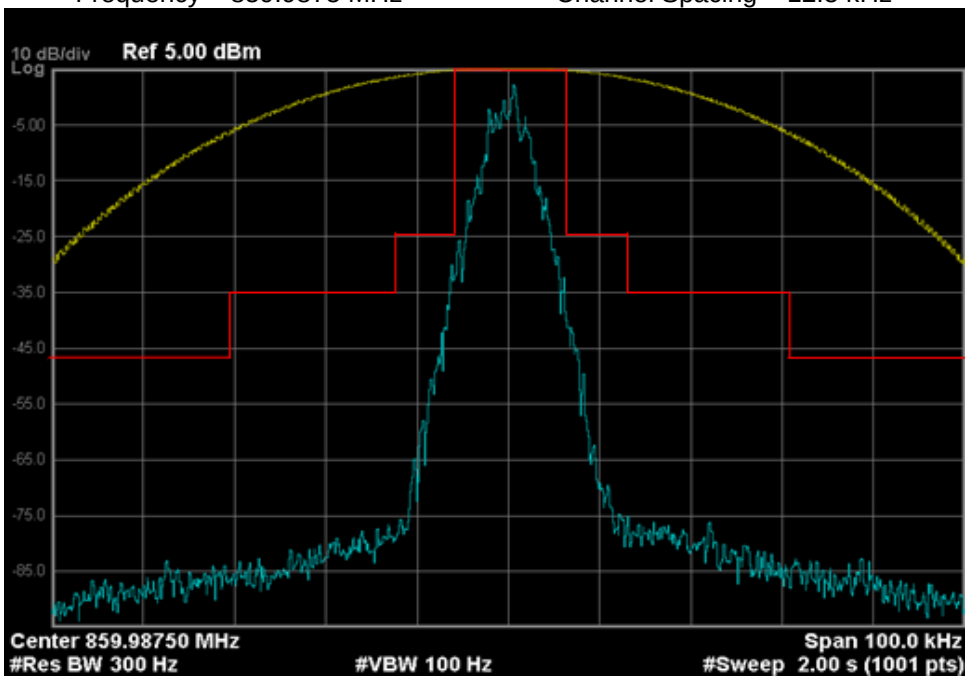


Exhibit 6E-24

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 764.0125 MHz Channel Spacing = 12.5 kHz

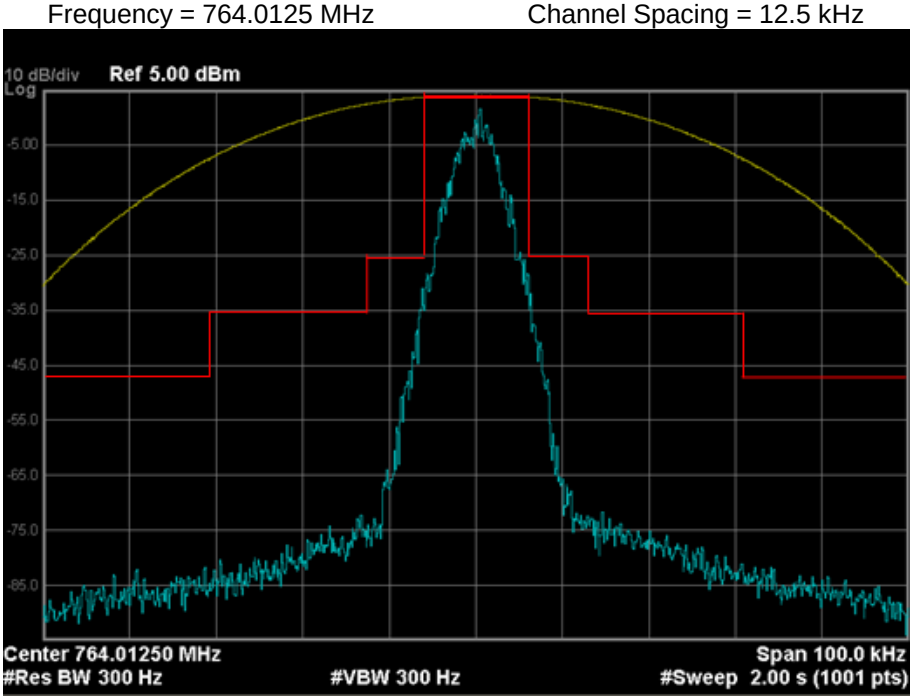


Exhibit 6E-25

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 794.0125 MHz Channel Spacing = 12.5 kHz

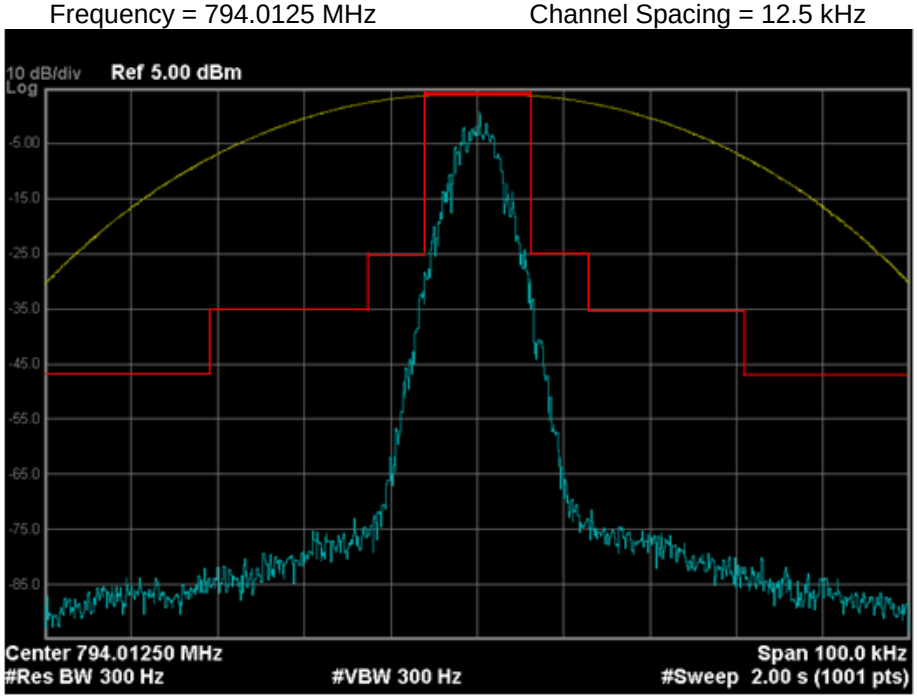


Exhibit 6E-26

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 768.0125 MHz Channel Spacing = 12.5 kHz

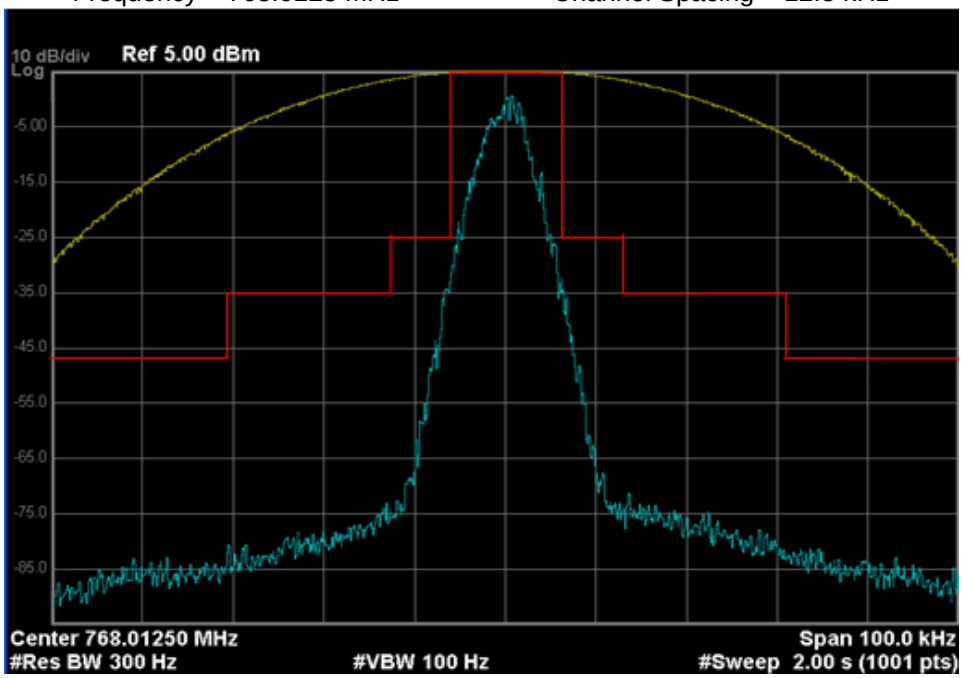


Exhibit 6E-27 *(Not for FCC Review)*

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 798.9875 MHz Channel Spacing = 12.5 kHz

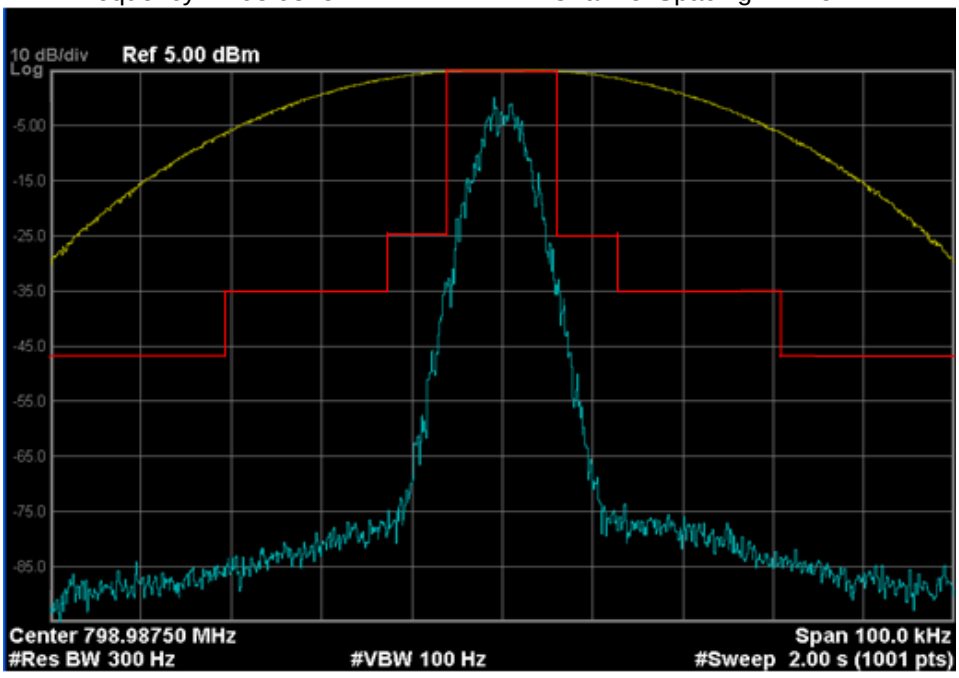


Exhibit 6E-28 *(Not for FCC Review)*

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 815.0125 MHz Channel Spacing = 12.5 kHz

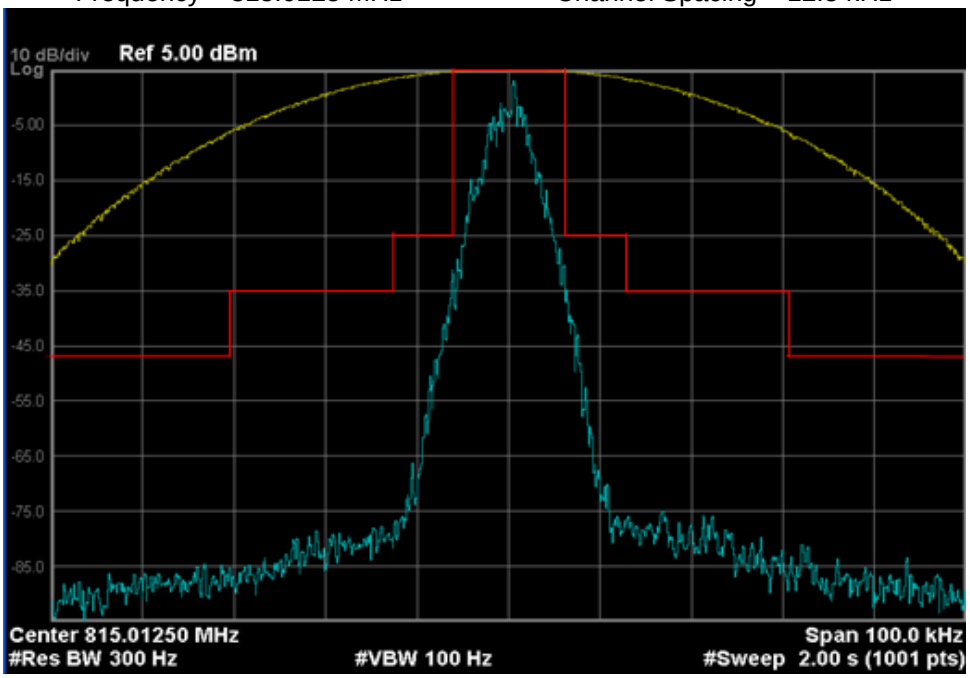


Exhibit 6E-29

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

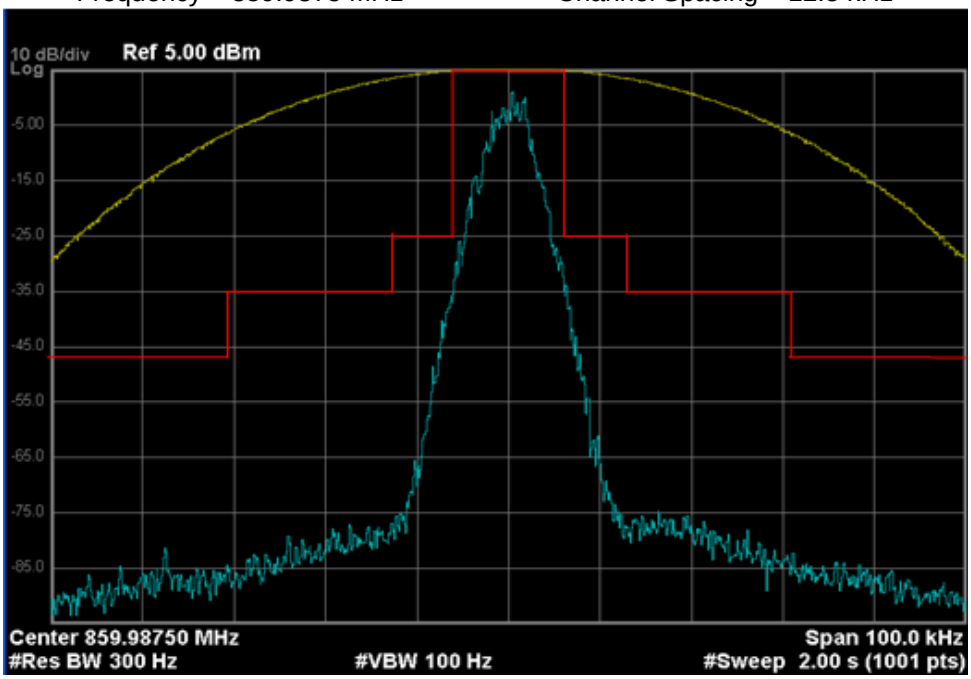


Exhibit 6E-30

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 764.0125 MHz Channel Spacing = 20 kHz

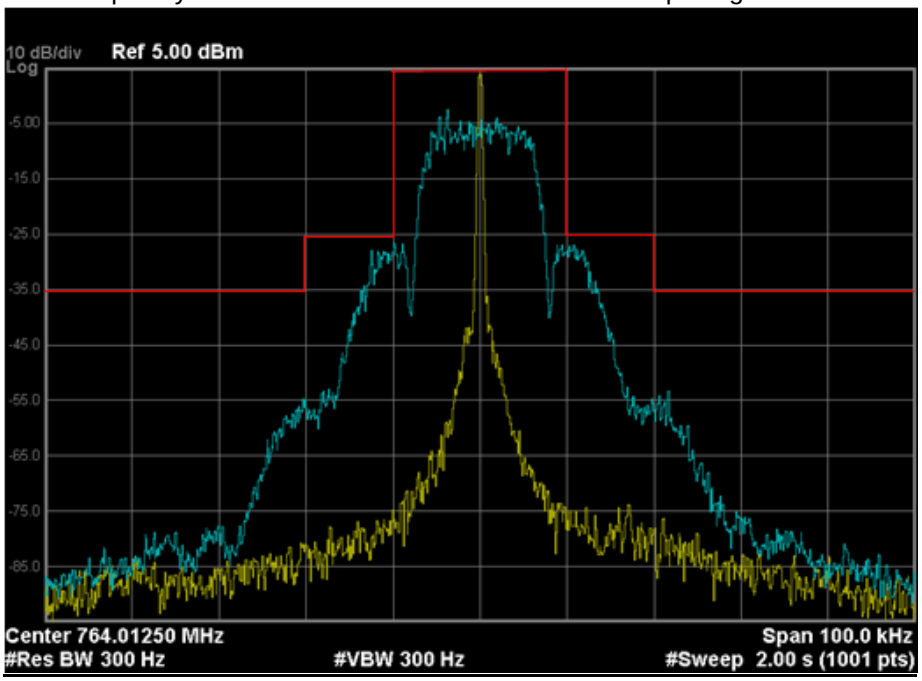


Exhibit 6E-31

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 794.0125 MHz Channel Spacing = 20 kHz

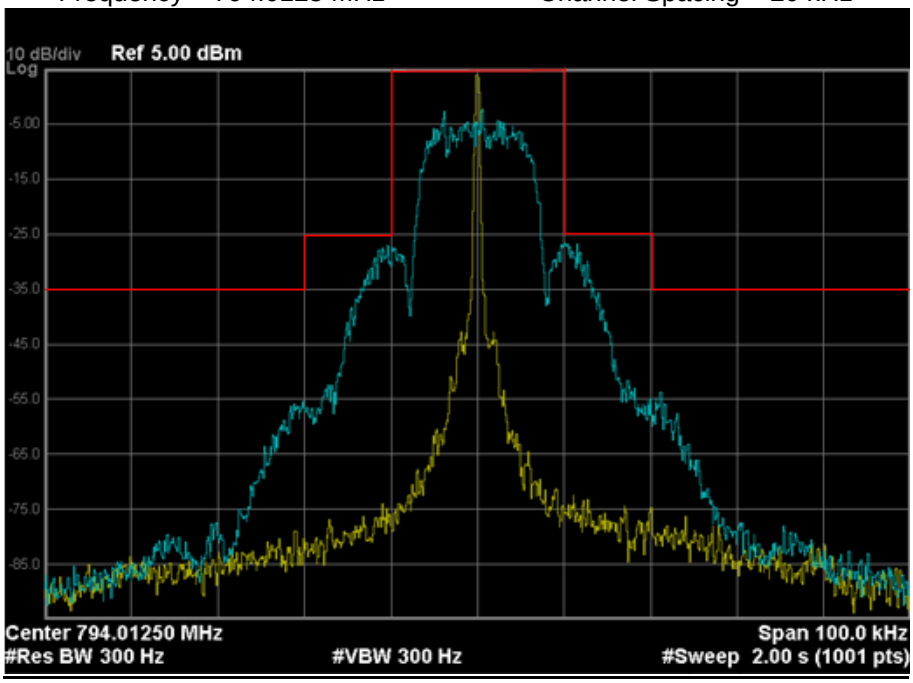


Exhibit 6E-32

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 768.0125 MHz Channel Spacing = 20 kHz

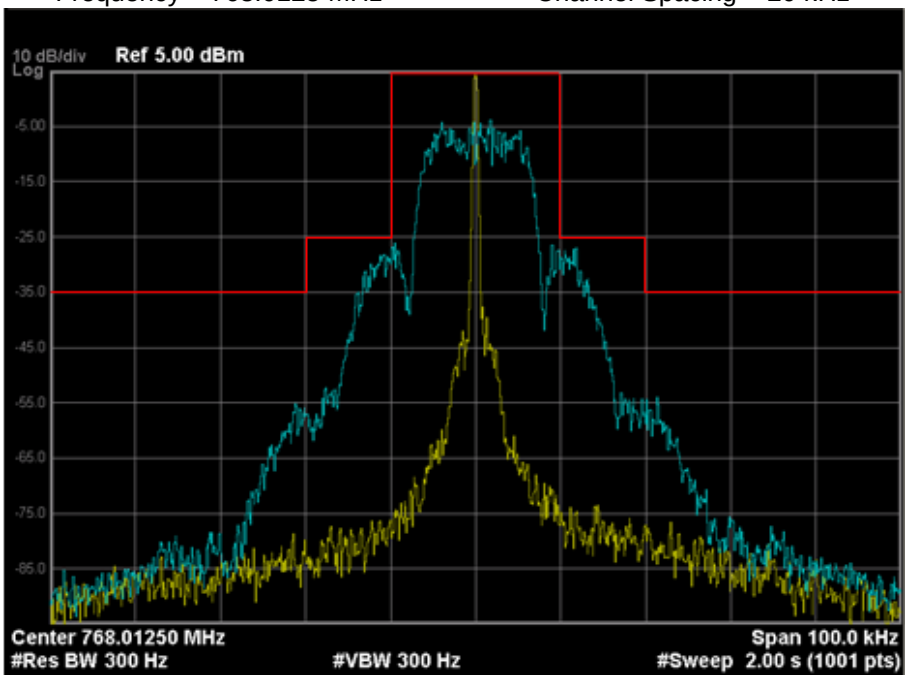


Exhibit 6E-33 *(Not for FCC Review)*

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 798.9875 MHz Channel Spacing = 20 kHz

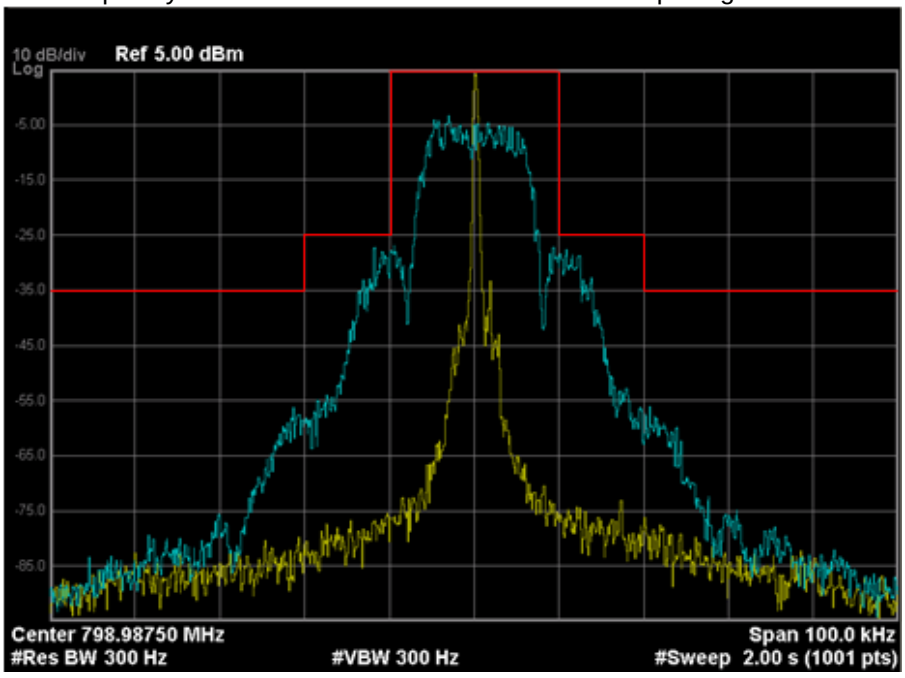


Exhibit 6E-34 *(Not for FCC Review)*

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 815.0125 MHz Channel Spacing = 20 kHz

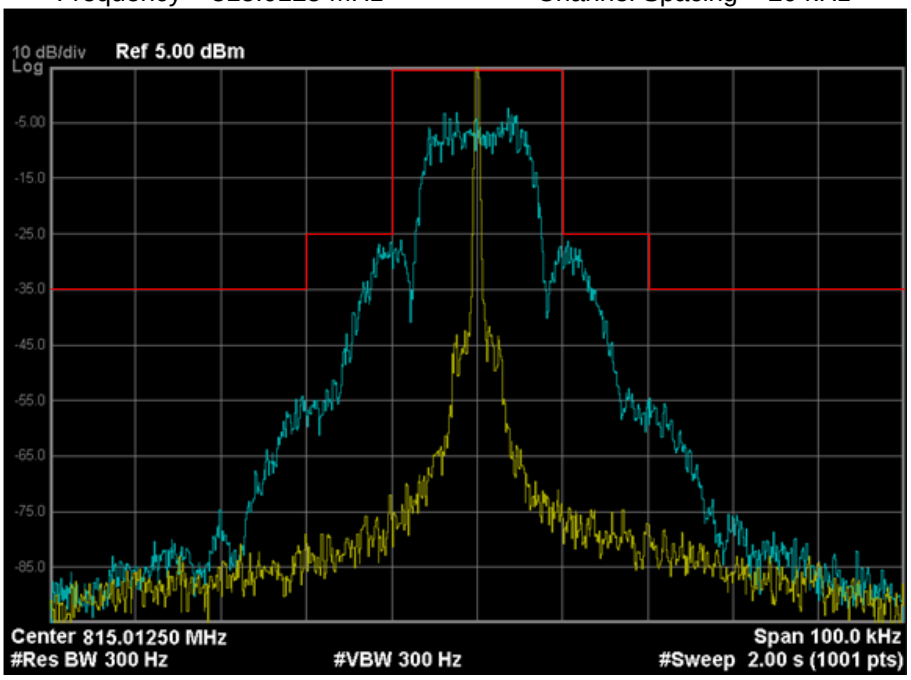


Exhibit 6E-35

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)
Frequency = 859.9875 MHz Channel Spacing = 20 kHz

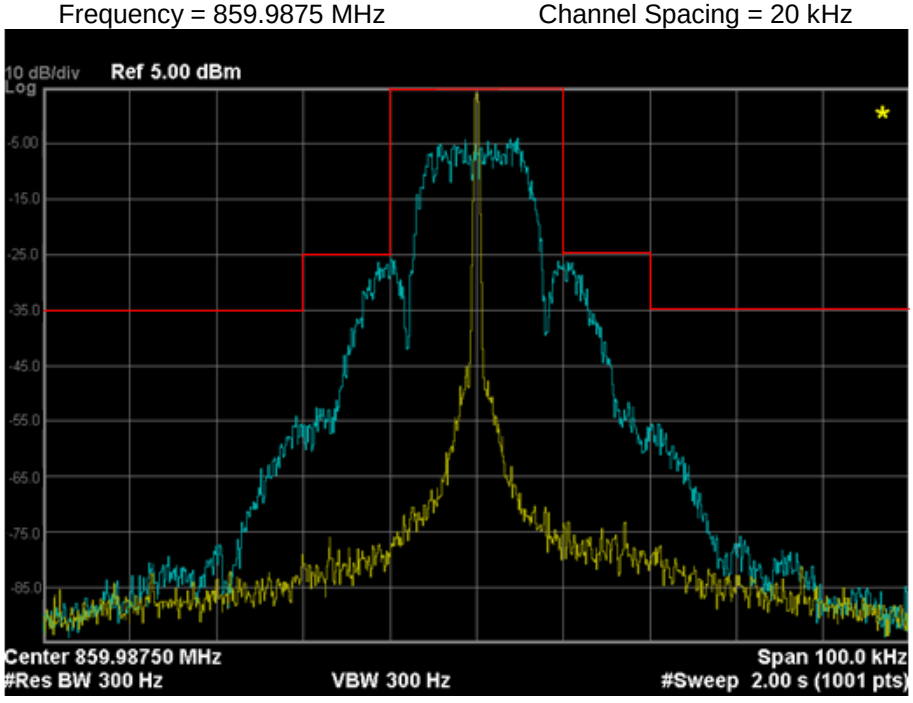


Exhibit 6E-36

EXHIBIT 6F - Adjacent Channel Power Ratio - Pursuant 47 CFR 90.543 and RSS-119

ANALOG 12.5 kHz Channel Spacing					**764.0125 MHz**	
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
9.375	6.25		68.77		68.65	40
15.625	6.25		76.22		76.31	60
21.875	6.25		76.58		76.25	60
37.500	25.00		75.23		74.44	60
62.500	25.00		81.98		81.73	65
87.500	25.00		82.98		82.81	65
150.000	100.00		76.92		77.16	65
250.000	100.00		79.69		79.71	65
350.000	100.00		83.02		82.64	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-1

ANALOG 25 kHz Channel Spacing					**764.0125 MHz**	
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
15.625	6.25		72.77		71.54	40
21.875	6.25		75.82		73.63	60
37.500	25.00		74.11		72.05	60
62.500	25.00		79.68		78.77	65
87.500	25.00		81.06		80.58	65
150.000	100.00		78.21		77.25	65
250.000	100.00		80.04		79.48	65
350.000	100.00		81.24		81.69	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-2

DIGITAL VOICE ENCRYPTION 12.5 kHz Channel Spacing 764.0125 MHz						
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
9.375	6.25		41.21		41.68	40
15.625	6.25		72.87		72.04	60
21.875	6.25		74.69		73.10	60
37.500	25.00		73.67		72.35	60
62.500	25.00		81.65		80.87	65
87.500	25.00		82.76		83.15	65
150.000	100.00		77.27		77.41	65
250.000	100.00		81.49		80.82	65
350.000	100.00		82.69		82.94	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-3

APCO 12.5 kHz Channel Spacing Digital Data 764.0125 MHz						
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
9.375	6.25		41.36		41.09	40
15.625	6.25		72.67		72.16	60
21.875	6.25		75.68		74.19	60
37.500	25.00		74.49		74.52	65
62.500	25.00		82.66		82.02	65
87.500	25.00		82.49		83.07	65
150.000	100.00		78.52		77.64	65
250.000	100.00		81.69		81.67	65
350.000	100.00		83.16		83.45	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-4

APCO 12.5 kHz Channel Spacing	Digital Voice	764.0125 MHz			
Offset (kHz)	**Meas BW (kHz)**		**Lower**	**Upper**	**Spec (dB**
9.375	6.25		41.19	42.44	40
15.625	6.25		73.19	71.01	60
21.875	6.25		74.68	73.16	60
37.500	25.00		74.27	72.00	65
62.500	25.00		81.06	80.15	65
87.500	25.00		82.43	81.91	65
150.000	100.00		76.93	76.87	65
250.000	100.00		80.59	80.27	65
350.000	100.00		82.73	82.81	65
>400 to paired RX Band	30 (swept)		> 75	> 75	75
In paired RX Band	30 (swept)		> 100	> 100	100

Exhibit 6F-5

APCO 12.5 kHz Channel Spacing	F2 Mode	764.0125 MHz			
Offset (kHz)	**Meas BW (kHz)**		**Lower**	**Upper**	**Spec (dB**
9.375	6.25		42.54	42.01	40
15.625	6.25		72.68	71.01	60
21.875	6.25		74.89	73.14	60
37.500	25.00		74.29	72.45	65
62.500	25.00		80.59	80.11	65
87.500	25.00		82.91	82.45	65
150.000	100.00		77.47	77.54	65
250.000	100.00		80.53	80.48	65
350.000	100.00		82.04	81.86	65
>400 to paired RX Band	30 (swept)		> 75	> 75	75
In paired RX Band	30 (swept)		> 100	> 100	100

Exhibit 6F-6

ANALOG 12.5 kHz Channel Spacing			768.0125 MHz			
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
9.375	6.25		69.08		68.73	40
15.625	6.25		75.31		75.46	60
21.875	6.25		77.49		75.87	60
37.500	25.00		75.94		74.40	60
62.500	25.00		82.40		81.70	65
87.500	25.00		83.20		83.34	65
150.000	100.00		77.66		77.64	65
250.000	100.00		80.55		80.61	65
350.000	100.00		82.45		82.48	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-7 (Not for FCC Review)

ANALOG 25 kHz Channel Spacing			768.0125 MHz			
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
15.625	6.25		73.51		70.86	40
21.875	6.25		76.61		72.72	60
37.500	25.00		74.23		71.91	60
62.500	25.00		80.95		79.87	65
87.500	25.00		81.26		81.09	65
150.000	100.00		77.59		77.57	65
250.000	100.00		80.34		80.62	65
350.000	100.00		82.38		82.45	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-8 (Not for FCC review)

DIGITAL VOICE ENCRYPTION 12.5 kHz Channel Spacing 768.0125 MHz						
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
9.375	6.25		41.35		41.47	40
15.625	6.25		73.35		71.14	60
21.875	6.25		75.74		72.69	60
37.500	25.00		74.36		72.21	60
62.500	25.00		81.35		80.66	65
87.500	25.00		83.26		83.22	65
150.000	100.00		77.94		78.03	65
250.000	100.00		81.07		81.11	65
350.000	100.00		83.29		83.31	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-9 (Not for FCC review)

APCO 12.5 kHz Channel Spacing Digital Data 768.0125 MHz						
Offset (kHz)	**Meas BW (kHz)**		**Lower**		**Upper**	**Spec (dB**
9.375	6.25		41.45		41.12	40
15.625	6.25		73.42		71.37	60
21.875	6.25		76.82		74.06	60
37.500	25.00		75.56		74.29	65
62.500	25.00		82.02		81.41	65
87.500	25.00		83.79		83.61	65
150.000	100.00		78.15		78.09	65
250.000	100.00		81.24		81.22	65
350.000	100.00		83.47		83.38	65
>400 to paired RX Band	30 (swept)		> 75		> 75	75
In paired RX Band	30 (swept)		> 100		> 100	100

Exhibit 6F-10 (Not for FCC review)

APCO 12.5 kHz Channel Spacing	Digital Voice	768.0125 MHz			
Offset (kHz)	**Meas BW (kHz)**		**Lower**	**Upper**	**Spec (dB**
9.375	6.25		41.21	42.56	40
15.625	6.25		73.32	70.79	60
21.875	6.25		75.58	72.68	60
37.500	25.00		74.72	72.17	65
62.500	25.00		80.67	79.68	65
87.500	25.00		82.62	82.11	65
150.000	100.00		77.65	77.56	65
250.000	100.00		80.65	80.62	65
350.000	100.00		82.61	82.50	65
>400 to paired RX Band	30 (swept)		> 75	> 75	75
In paired RX Band	30 (swept)		> 100	> 100	100

Exhibit 6F-11 (Not for FCC review)

APCO 12.5 kHz Channel Spacing	F2 Mode	768.0125 MHz			
Offset (kHz)	**Meas BW (kHz)**		**Lower**	**Upper**	**Spec (dB**
9.375	6.25		42.32	41.89	40
15.625	6.25		72.25	70.47	60
21.875	6.25		75.32	73.47	60
37.500	25.00		74.94	72.45	65
62.500	25.00		81.62	80.64	65
87.500	25.00		83.11	82.83	65
150.000	100.00		77.63	77.47	65
250.000	100.00		80.32	80.27	65
350.000	100.00		81.75	81.93	65
>400 to paired RX Band	30 (swept)		> 75	> 75	75
In paired RX Band	30 (swept)		> 100	> 100	100

Exhibit 6F-12 (Not for FCC review)

EXHIBIT 6G

Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1051, 2.1033(c)(13), RSS-Gen and RSS-119

Motorola Solutions. **FCC ID: AZ489FT5860**

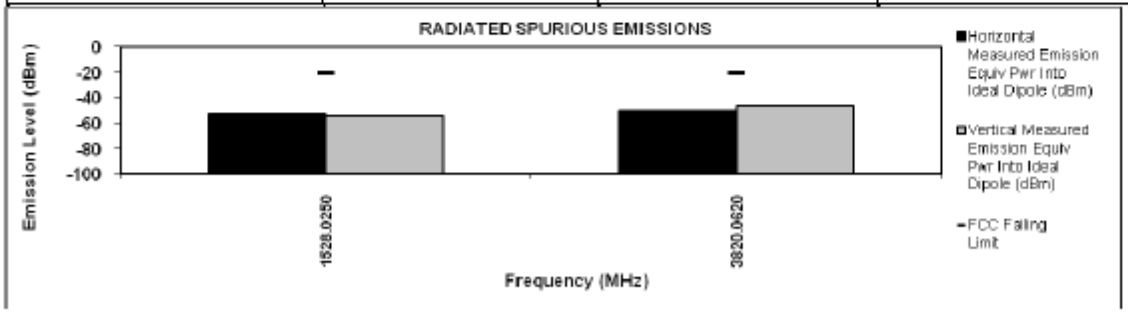
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

764.0125 MHz **12.5 kHz** **1 Watt(s)/Lo Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-20	-52.56	-54.03
3820.0620	-20	-50.12	-46.24



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil **July 19, 2012**

FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Exhibit 6G-1

Remarks:

Passed Results	Marginal Results	Failed Results

Motorola Solutions. **FCC ID: AZ489FT5860**

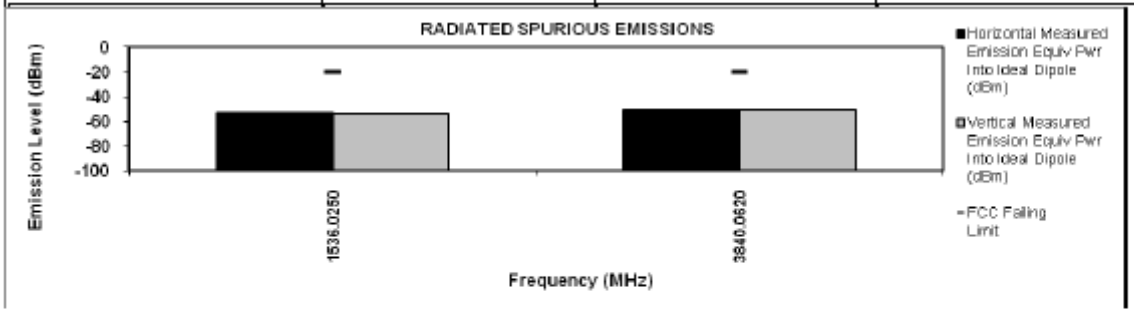
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

768.0125 MHz **12.5 kHz** **1 Watt(s)/Lo Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1536.0250	-20	-52.65	-54.18
3840.0620	-20	-50.74	-50.11



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil **July 19, 2012**

Exhibit 6G-2 *(Not for FCC Review)*

Motorola Solutions. **FCC ID: AZ489FT5860**

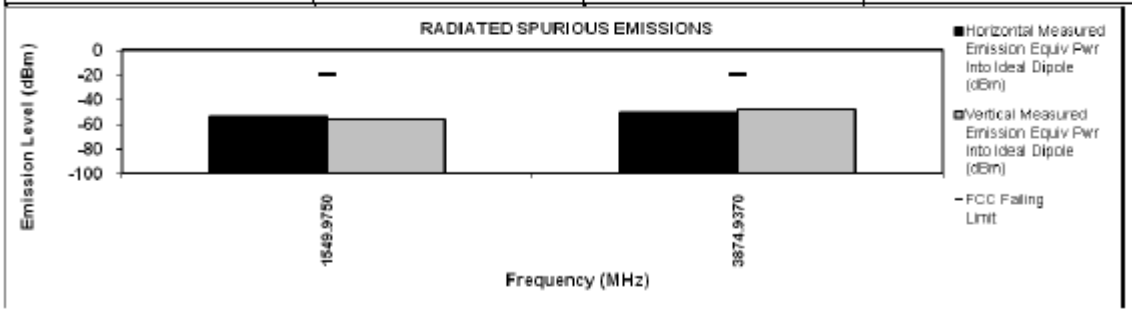
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

774.9875 MHz **12.5 kHz** **1 Watt(s)/Lo Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1549.9750	-20	-54.09	-55.93
3874.9370	-20	-50.47	-47.46



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil **July 19, 2012**

Exhibit 6G-3

Motorola Solutions. **FCC ID: AZ489FT5860**

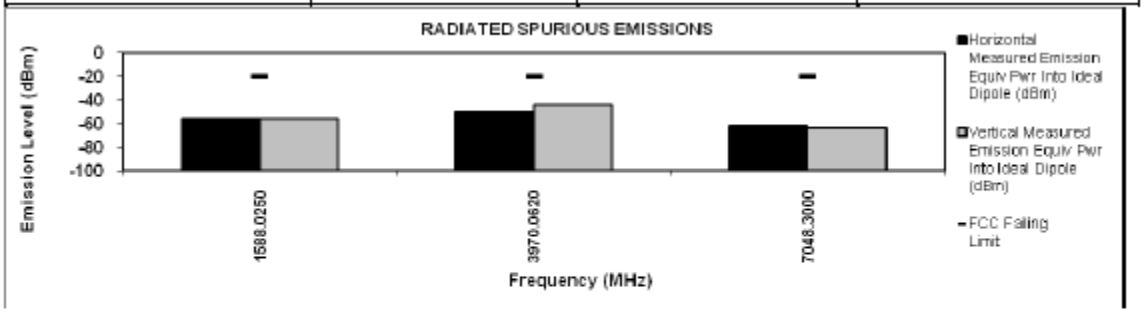
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

794.0125 MHz | **12.5 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1588.0250	-20	-56.48	-56.09
3970.0620	-20	-49.61	-44.52
7048.3000	-20	-62.04	-63.80



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil **July 19, 2012**

FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Exhibit 6G-4

Remarks:

Passed Results	Marginal Results	Failed Results

Motorola Solutions. FCC ID: AZ489FT5860

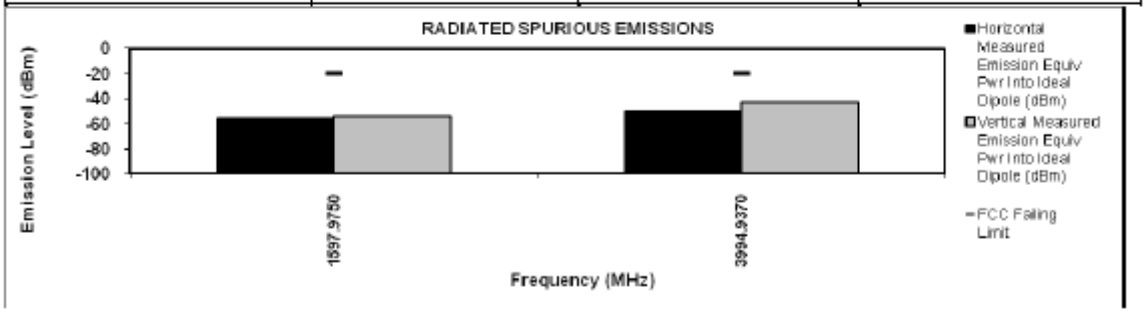
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

798.9875 MHz | 12.5 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1597.9750	-20	-56.44	-53.92
3994.9370	-20	-49.78	-43.26



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil July 19, 2012
FCC Registration: 772092 Industry Canada: 109U-89FT5860

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-5 *(Not for FCC Review)*

Motorola Solutions. FCC ID: AZ489FT5860

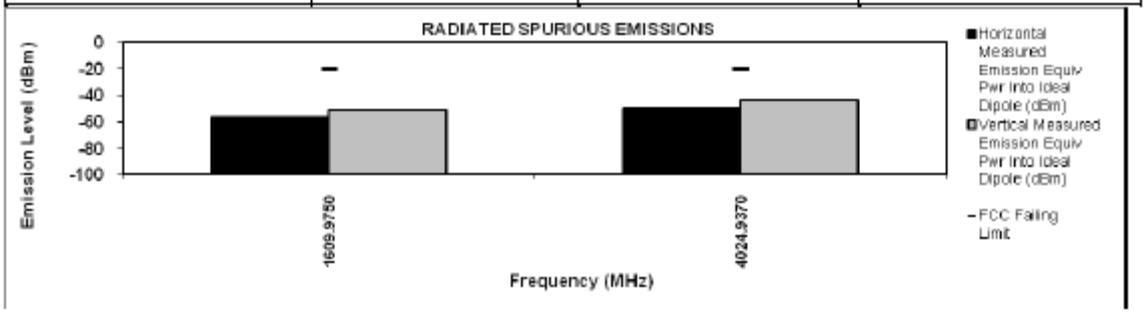
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A Batt: NNTN8129A Accy: HMN4104B-526-001

00750-EMC-00001

804.9875 MHz | **12.5 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.9750	-20	-56.39	-50.85
4024.9370	-20	-50.47	-43.40



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil July 19, 2012

FCC Registration: 772092 Industry Canada: 109U-89FT5860

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-6

Motorola Solutions. **FCC ID: AZ489FT5860**

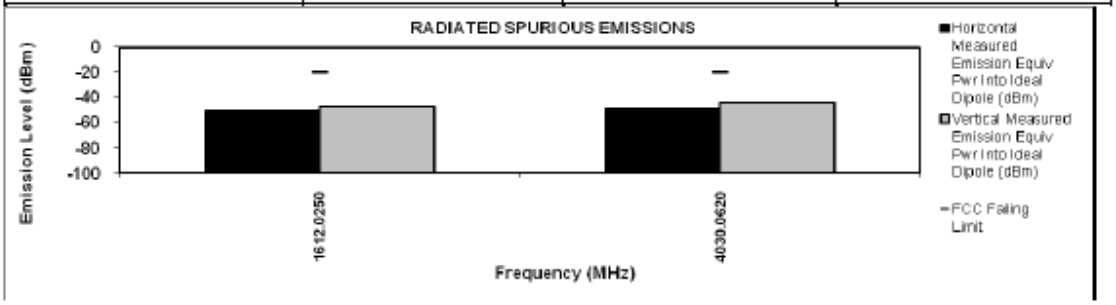
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

806.0125 MHz **12.5 kHz** **1 Watt(s)/Lo Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	-50.70	-47.37
4030.0620	-20	-48.77	-44.34



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil **July 19, 2012**

FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-7

Motorola Solutions. FCC ID: AZ489FT5860

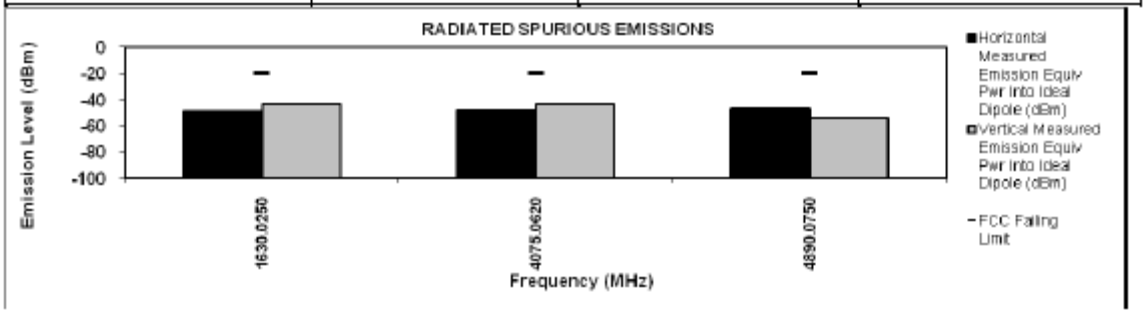
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

815.0125 MHz | 12.5 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-20	-48.51	-43.90
4075.0620	-20	-47.50	-43.79
4890.0750	-20	-47.06	-54.52



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Azil July 19, 2012
FCC Registration: 772092 Industry Canada: 109U-89FT5860

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-8

Motorola Solutions. FCC ID: AZ489FT5860

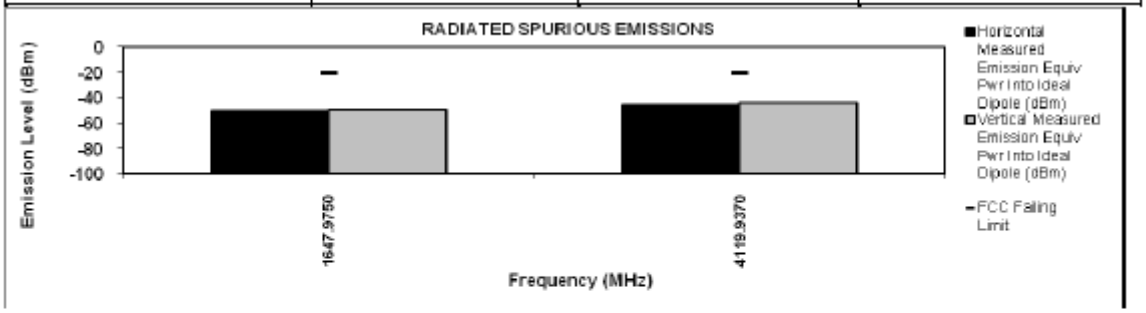
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

823.9875 MHz | **12.5 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	-49.89	-49.16
4119.9370	-20	-45.93	-43.79



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil **July 19, 2012**
FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-9

Motorola Solutions. FCC ID: AZ489FT5860

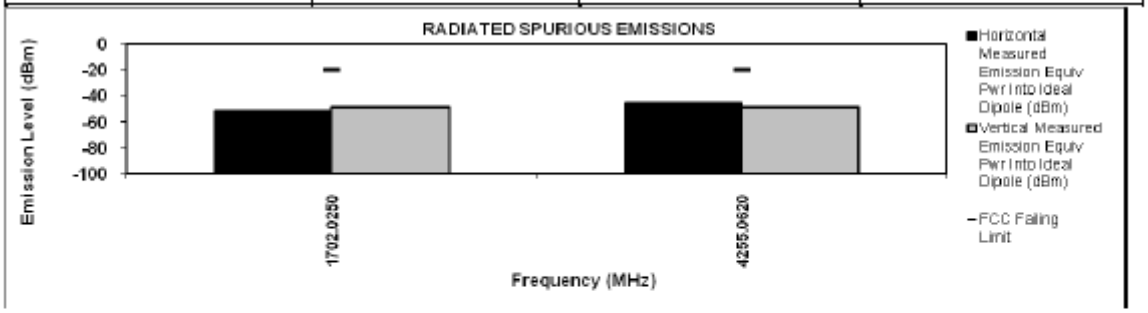
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

851.0125 MHz | 12.5 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-20	-51.54	-48.38
4255.0620	-20	-45.75	-48.66



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil July 19, 2012
FCC Registration: 772092 Industry Canada: 109U-89FT5860

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-10

Motorola Solutions. **FCC ID: AZ489FT5860**

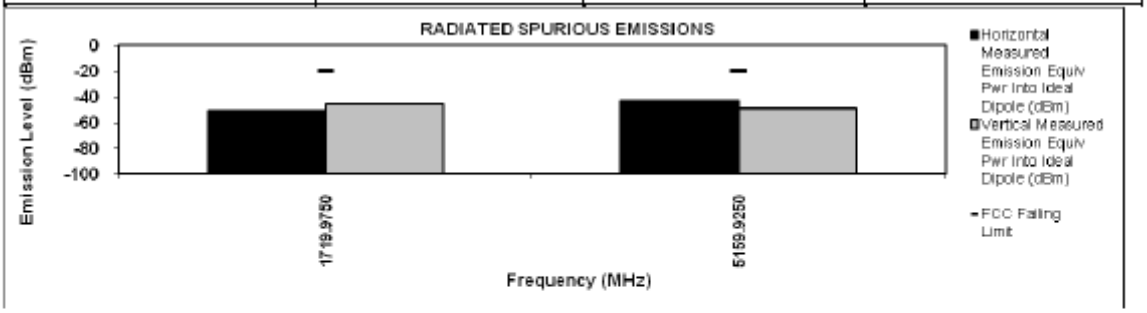
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

859.9875 MHz | **12.5 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1719.9750	-20	-50.13	-45.86
5159.9250	-20	-43.09	-49.03



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Azil **July 19, 2012**
FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-11

Motorola Solutions. FCC ID: AZ489FT5860

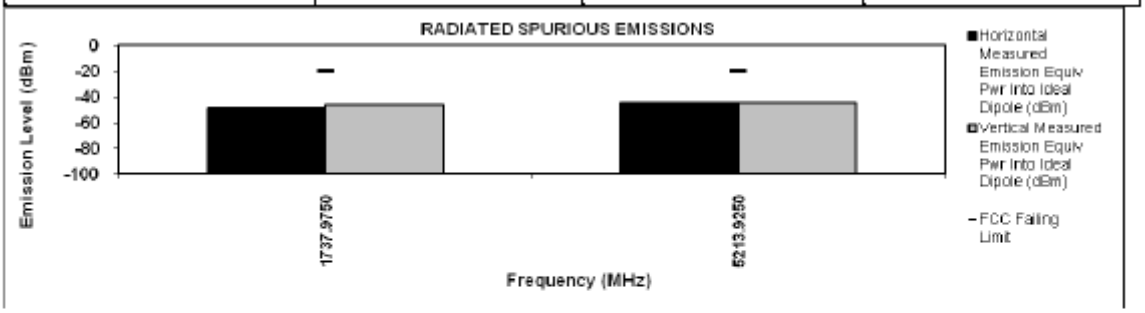
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A Batt: NNTN8129A Accy: HMN4104B-526-001

00750-EMC-00001

868.9875 MHz | 12.5 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-20	-48.87	-46.66
5213.9250	-20	-44.55	-44.95



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Azil July 19, 2012

FCC Registration: 772092 Industry Canada: 109U-89FT5860

Exhibit 6G-12

Remarks:

Passed Results	Marginal Results	Failed Results

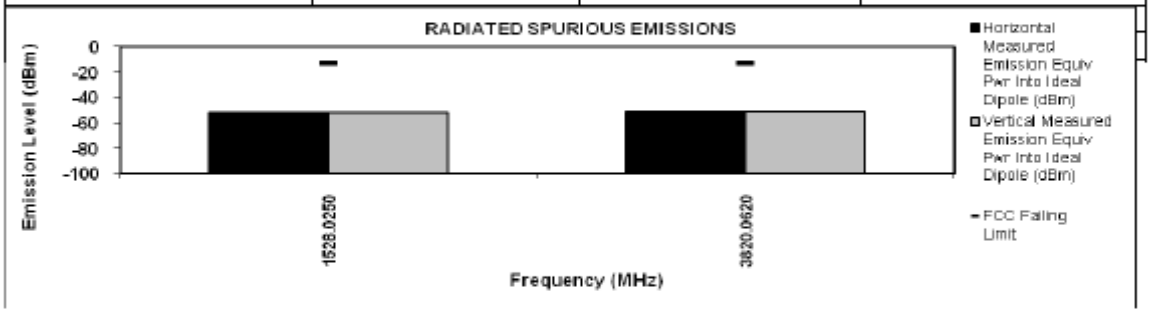
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

764.0125 MHz | **25 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-13	-51.87	-51.89
3820.0620	-13	-50.54	-50.92



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-13

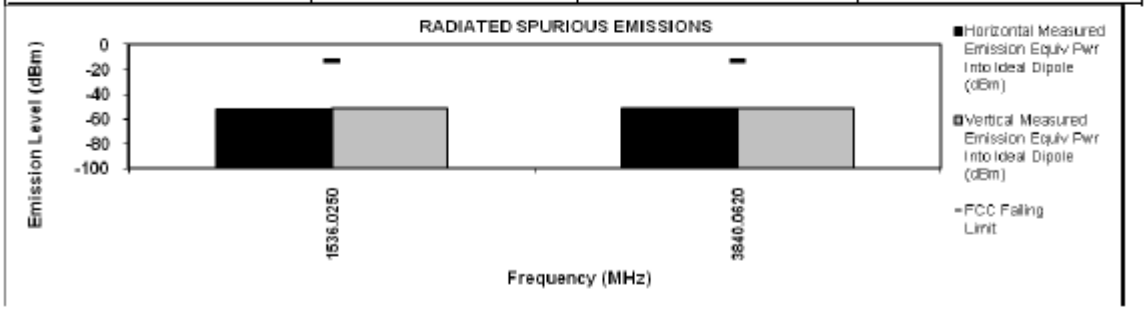
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

768.0125 MHz | **25 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1536.0250	-13	-51.77	-51.30
3840.0620	-13	-51.09	-51.20



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-14 *(Not for FCC Review)*

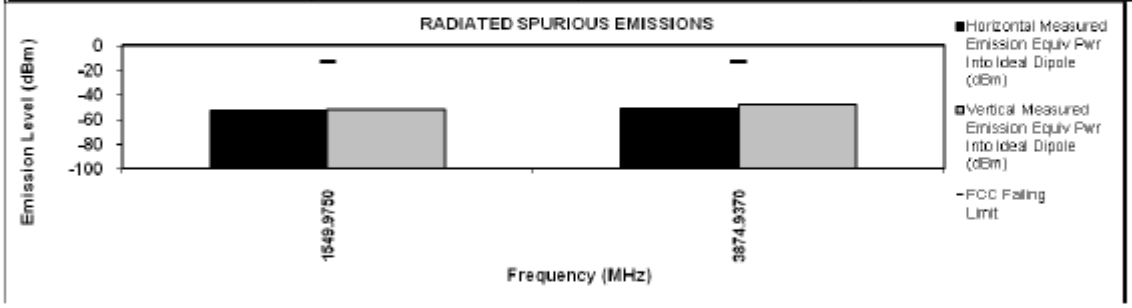
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

774.9875 MHz | **25 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1549.9750	-13	-52.39	-52.22
3874.9370	-13	-51.30	-47.42



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-15

Motorola Solutions. FCC ID: AZ489FT5860

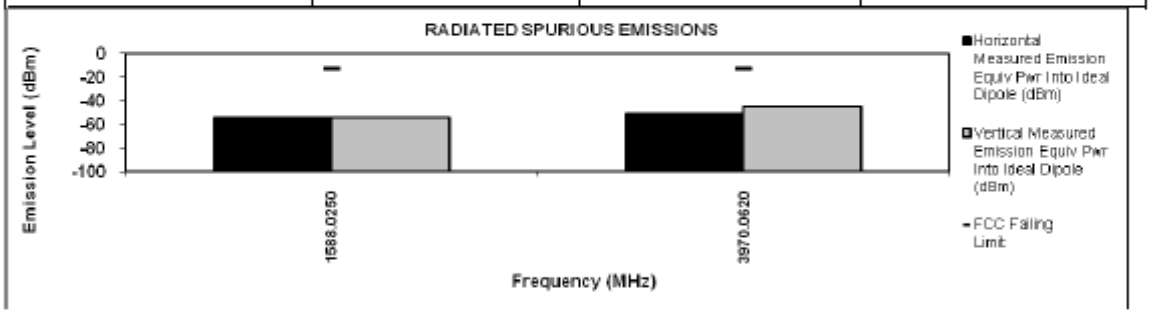
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

794.0125 MHz | 25 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1588.0250	-13	-54.34	-54.60
3970.0620	-13	-51.20	-45.60



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris July 19, 2012

Exhibit 6G-16

Motorola Solutions. **FCC ID: AZ489FT5860**

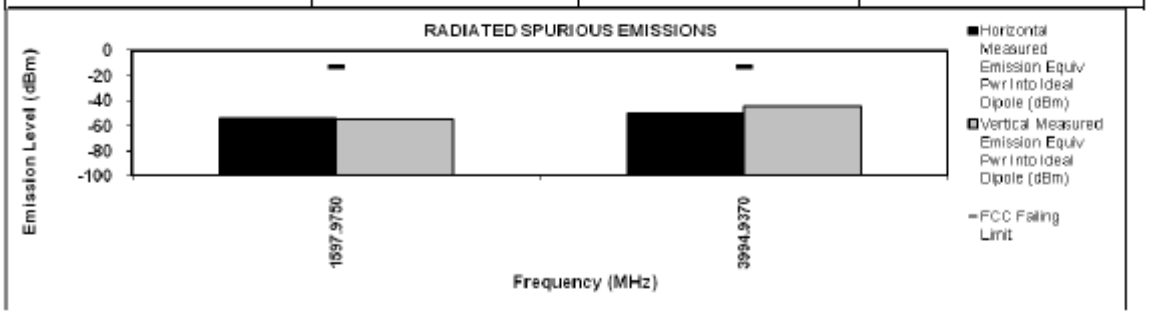
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

798.9875 MHz | **25 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1597.9750	-13	-54.12	-55.57
3994.9370	-13	-49.96	-45.16



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-17 *(Not for FCC Review)*

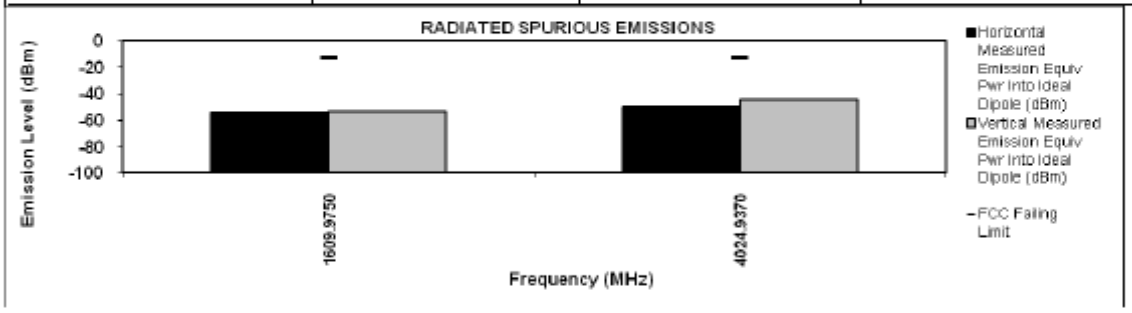
Motorola Solutions. FCC ID: AZ489FT5860

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

804.9875 MHz | 25 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.9750	-13	-54.37	-53.06
4024.9370	-13	-50.40	-44.35



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris July 19, 2012

Exhibit 6G-18

Motorola Solutions. **FCC ID: AZ489FT5860**

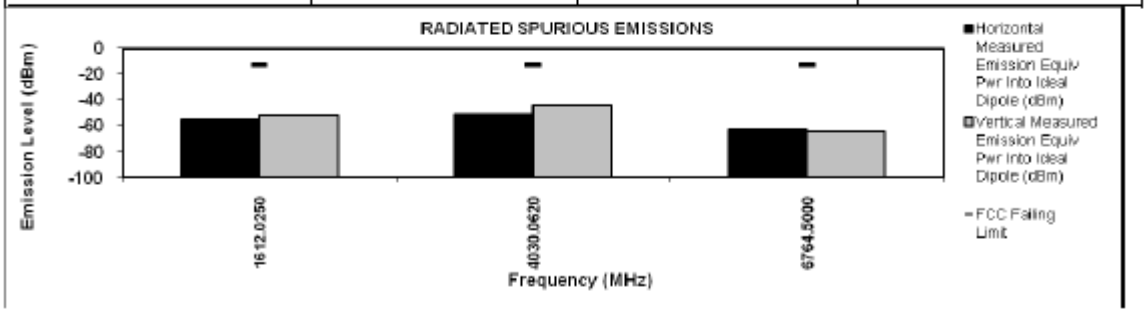
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

806.0125 MHz **25 kHz** **1 Watt(s)/Lo Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	-55.05	-51.93
4030.0620	-13	-50.82	-44.50
6764.5000	-13	-62.98	-64.73



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-19

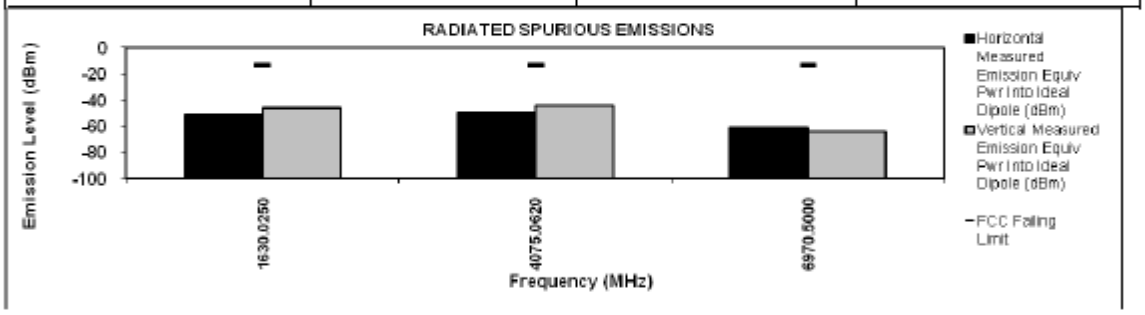
Motorola Solutions. FCC ID: AZ489FT5860

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

815.0125 MHz | 25 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-13	-51.40	-46.08
4075.0620	-13	-49.62	-44.45
6970.5000	-13	-60.72	-63.78



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris July 19, 2012

Exhibit 6G-20

Motorola Solutions. FCC ID: AZ489FT5860

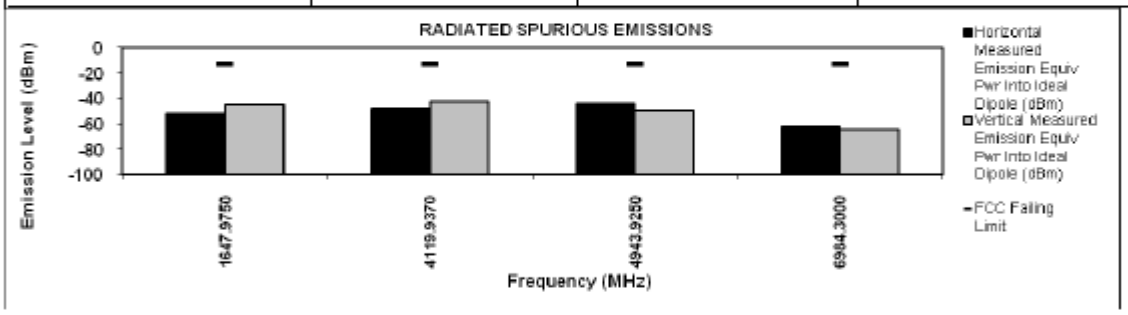
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

823.9875 MHz | 25 kHz | 1 Watt(s)/Lo Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	-51.48	-44.74
4119.9370	-13	-48.58	-42.42
4943.9250	-13	-44.15	-49.36
6984.3000	-13	-61.61	-64.23



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris

July 19, 2012

Exhibit 6G-21

Motorola Solutions. **FCC ID: AZ489FT5860**

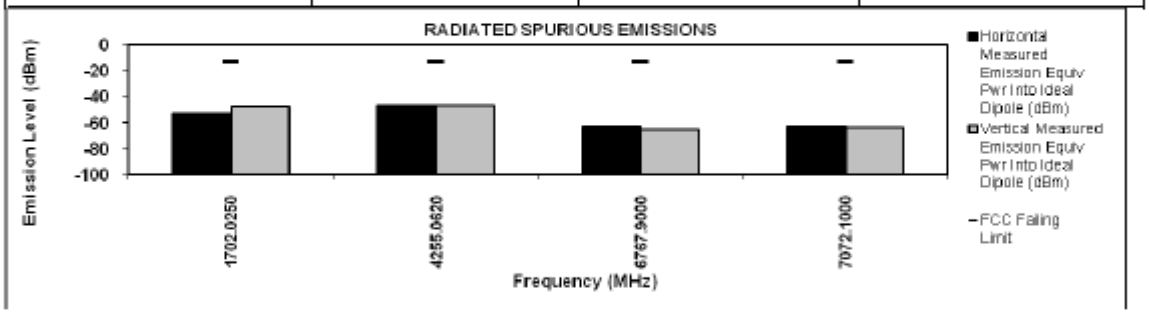
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

851.0125 MHz **25 kHz** **1 Watt(s)/Lo Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-13	-52.63	-47.87
4255.0620	-13	-46.64	-46.96
6767.9000	-13	-62.82	-64.89
7072.1000	-13	-62.36	-63.49



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-22

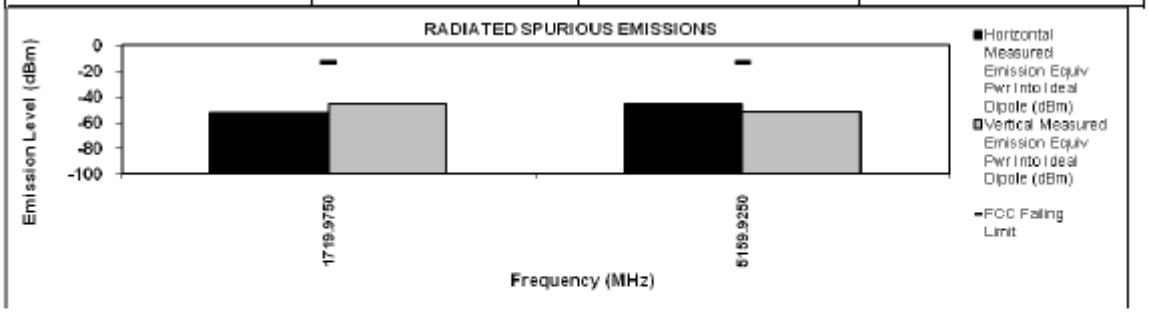
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

859.9875 MHz | **25 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1719.9750	-13	-52.08	-45.44
5159.9250	-13	-45.69	-50.96



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-23

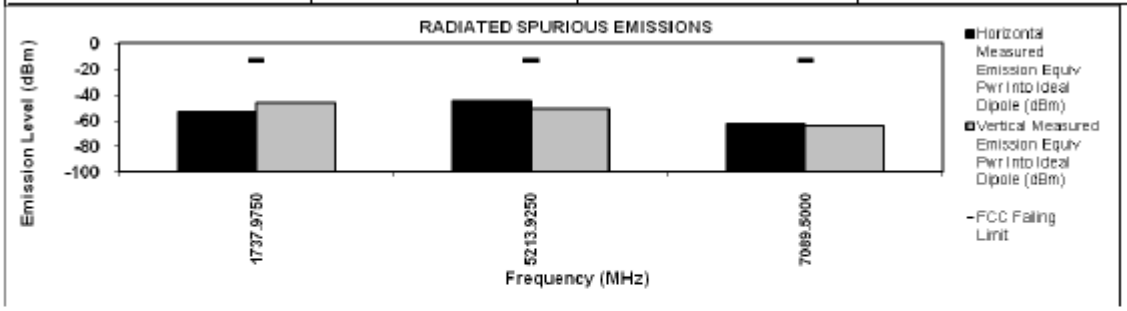
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

868.9875 MHz | **25 kHz** | **1 Watt(s)/Lo Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-13	-52.70	-46.41
5213.9250	-13	-44.45	-50.16
7089.5000	-13	-62.33	-63.57



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-24

Motorola Solutions. FCC ID: AZ489FT5860

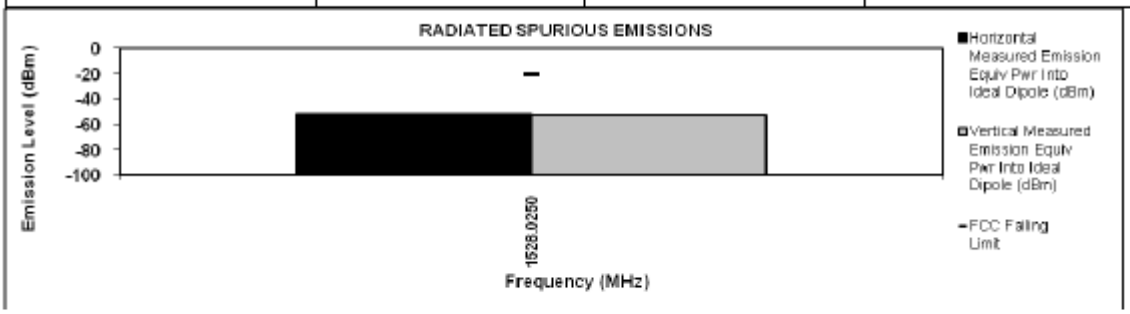
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

764.0125 MHz | 12.5 kHz | 2.99 Watt(s)/Max Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-20	-51.45	-52.52



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris July 19, 2012

Exhibit 6G-25

Motorola Solutions. **FCC ID: AZ489FT5860**

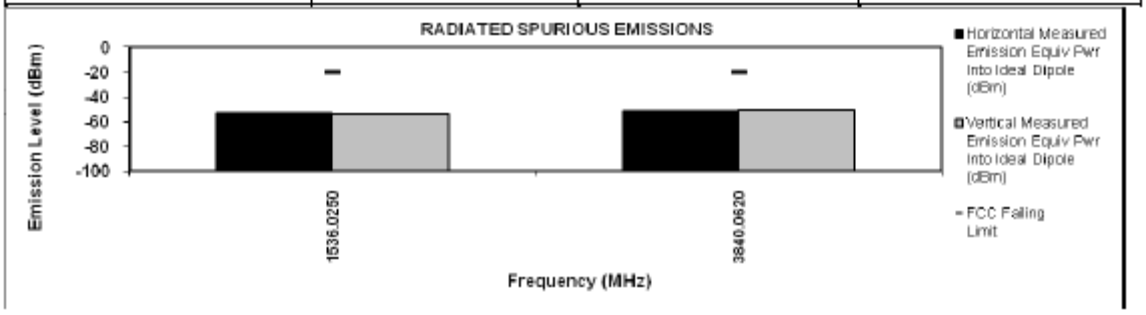
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

768.0125 MHz **12.5 kHz** **2.99 Watt(s)/Max Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1536.0250	-20	-52.87	-53.76
3840.0620	-20	-50.93	-50.75



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Exhibit 6G-26

(Not for FCC Review)

Remarks:

Passed Results	Marginal Results	Failed Results

Motorola Solutions. **FCC ID: AZ489FT5860**

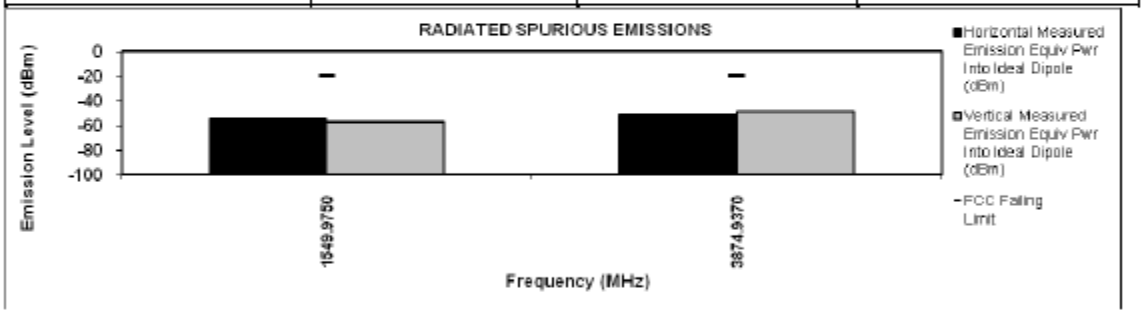
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

774.9875 MHz **12.5 kHz** **2.99 Watt(s)/Max Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1549.9750	-20	-54.65	-56.98
3874.9370	-20	-51.11	-48.39



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-27

Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

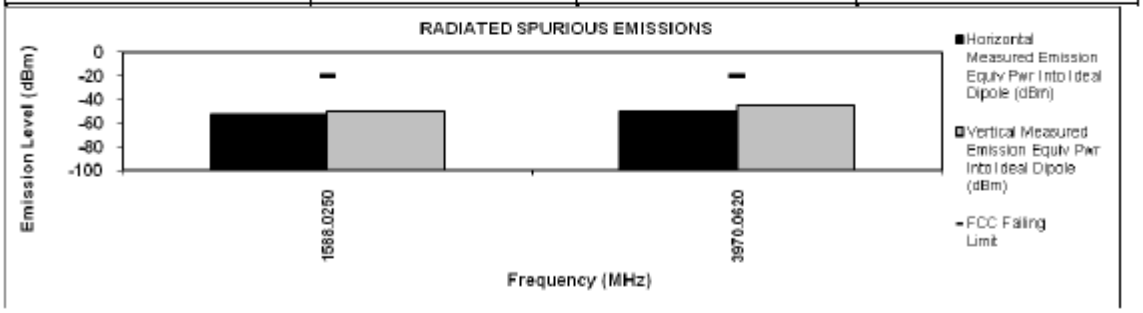
MODEL #: PMUF1611A

00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

794.0125 MHz **12.5 kHz** **2.99 Watt(s)/Max Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1588.0250	-20	-52.82	-49.76
3970.0620	-20	-49.85	-45.53



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 20, 2012**

Exhibit 6G-28

Motorola Solutions. **FCC ID: AZ489FT5860**

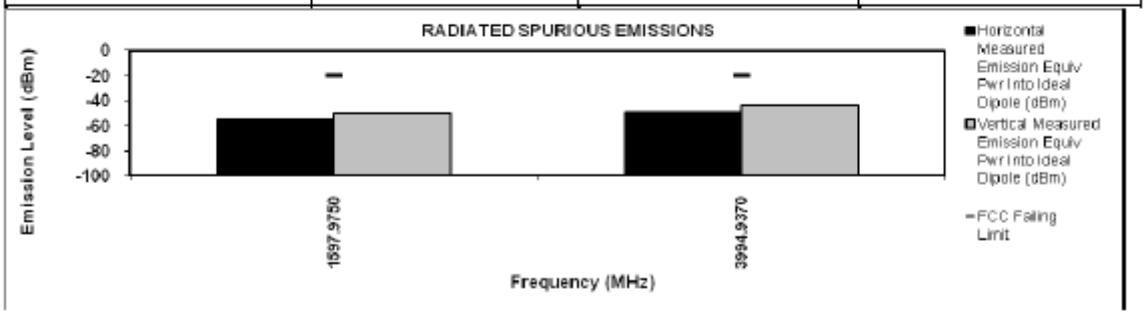
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

798.9875 MHz | **12.5 kHz** | **2.99 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1597.9750	-20	-55.35	-49.81
3994.9370	-20	-49.38	-44.26



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 20, 2012**
FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:	Passed Results	Marginal Results	Failed Results

Exhibit 6G-29

(Not for FCC Review)

Motorola Solutions. FCC ID: AZ489FT5860

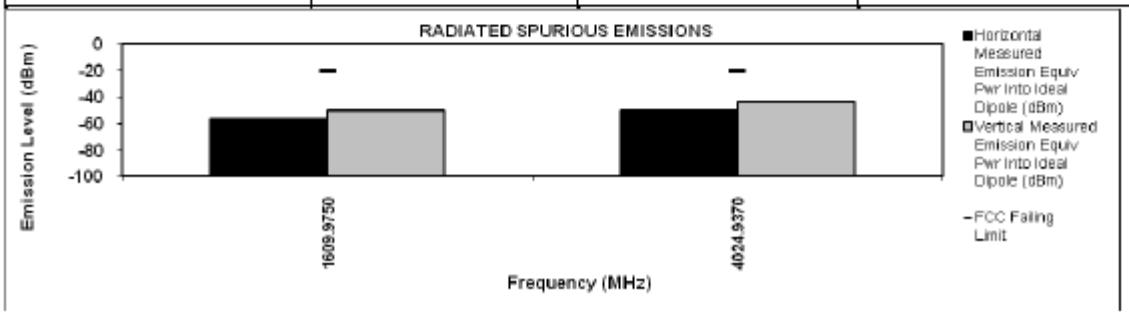
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

804.9875 MHz | 12.5 kHz | 2.99 Watt(s)/Max Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.9750	-20	-56.26	-50.08
4024.9370	-20	-49.97	-44.02



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris July 20, 2012

Exhibit 6G-30

Motorola Solutions. FCC ID: AZ489FT5860

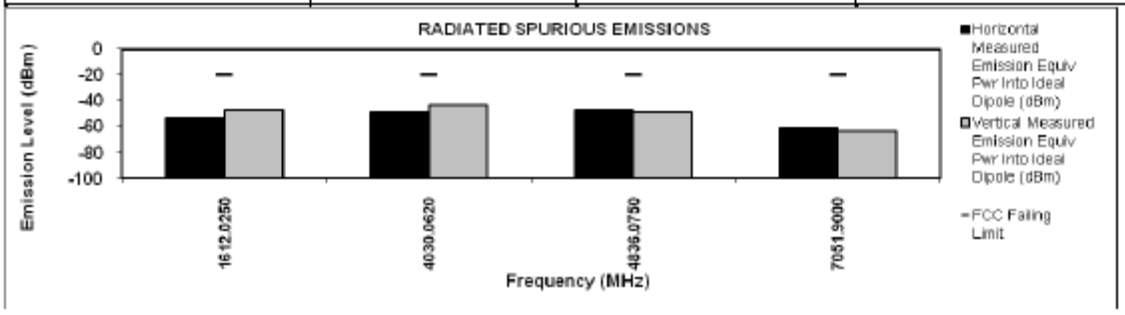
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

806.0125 MHz | 12.5 kHz | 3.60 Watt(s)/Max Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	-53.53	-47.17
4030.0620	-20	-48.62	-44.01
4836.0750	-20	-47.22	-48.67
7051.9000	-20	-60.93	-63.37



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris July 20, 2012
FCC Registration: 772092 Industry Canada: 109U-89FT5860

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-31

Motorola Solutions. FCC ID: AZ489FT5860

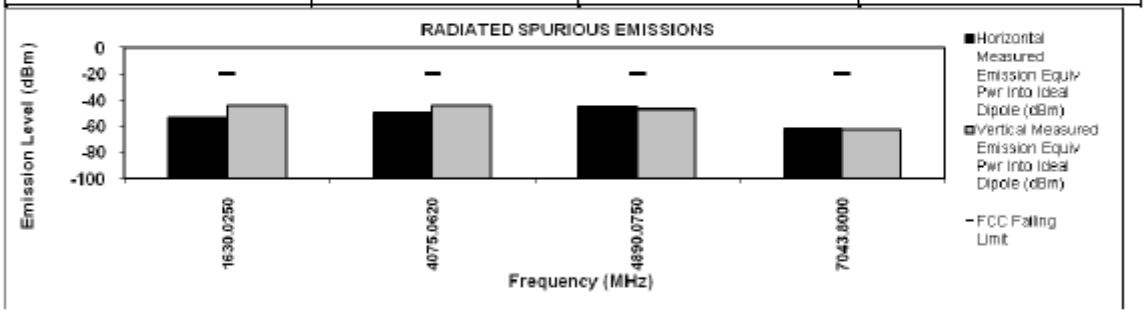
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

815.0125 MHz | 12.5 kHz | 3.60 Watt(s)/Max Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-20	-53.54	-44.59
4075.0620	-20	-49.32	-44.37
4890.0750	-20	-44.95	-47.14
7043.8000	-20	-61.37	-62.69



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris July 20, 2012
FCC Registration: 772092 Industry Canada: 109U-89FT5860

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-32

Motorola Solutions. FCC ID: AZ489FT5860

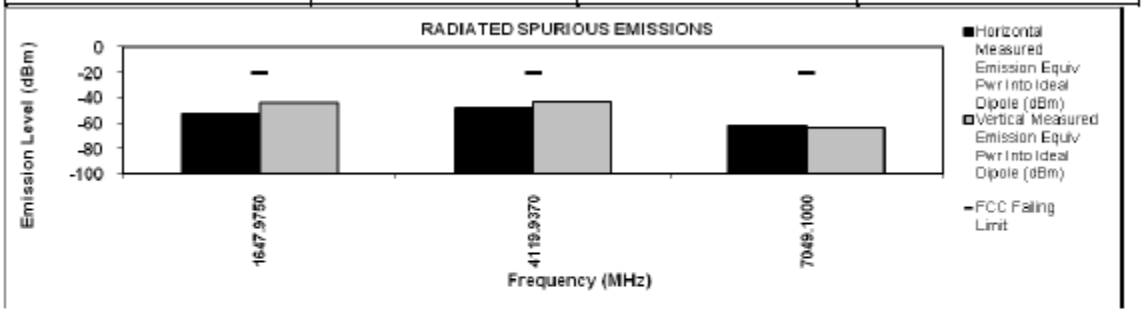
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

823.9875 MHz | 12.5 kHz | 3.60 Watt(s)/Max Power | S/N: 536TNM0124

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	-52.54	-43.76
4119.9370	-20	-47.98	-43.00
7049.1000	-20	-61.26	-63.32



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris July 20, 2012
FCC Registration: 772092 Industry Canada: 109U-89FT5860

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-33

Motorola Solutions. FCC ID: AZ489FT5860

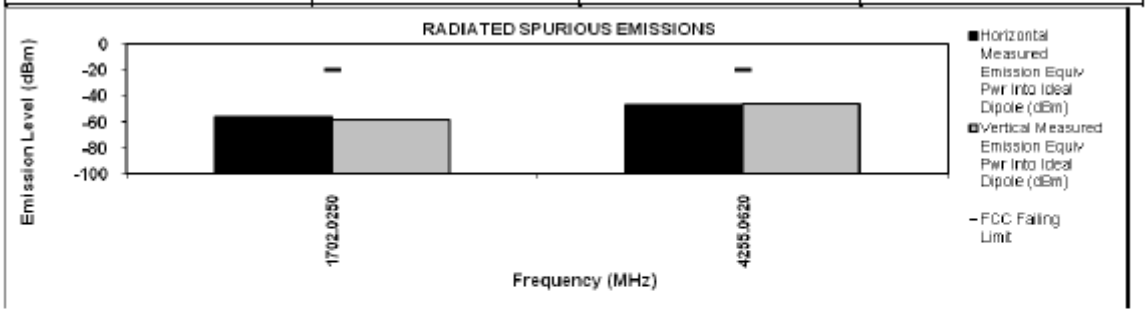
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

851.0125 MHz | **12.5 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-20	-55.79	-58.28
4255.0620	-20	-46.73	-45.97



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 20, 2012**
FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-34

Motorola Solutions. FCC ID: AZ489FT5860

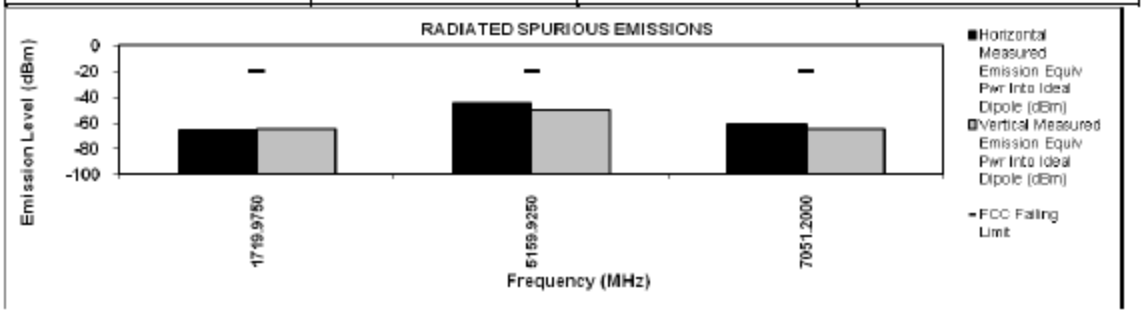
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

859.9875 MHz | **12.5 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1719.9750	-20	-65.56	-64.33
5159.9250	-20	-44.58	-49.60
7051.2000	-20	-60.41	-64.36



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 20, 2012**
FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-35

Motorola Solutions. FCC ID: AZ489FT5860

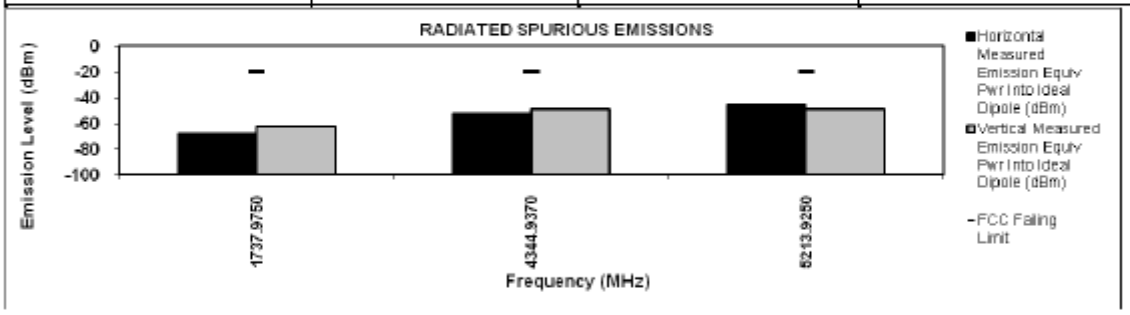
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

868.9875 MHz | **12.5 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-20	-68.00	-61.98
4344.9370	-20	-52.59	-49.20
5213.9250	-20	-45.27	-49.01



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 20, 2012**
FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Exhibit 6G-36

Remarks:

Passed Results	Marginal Results	Failed Results

Motorola Solutions. **FCC ID: AZ489FT5860**

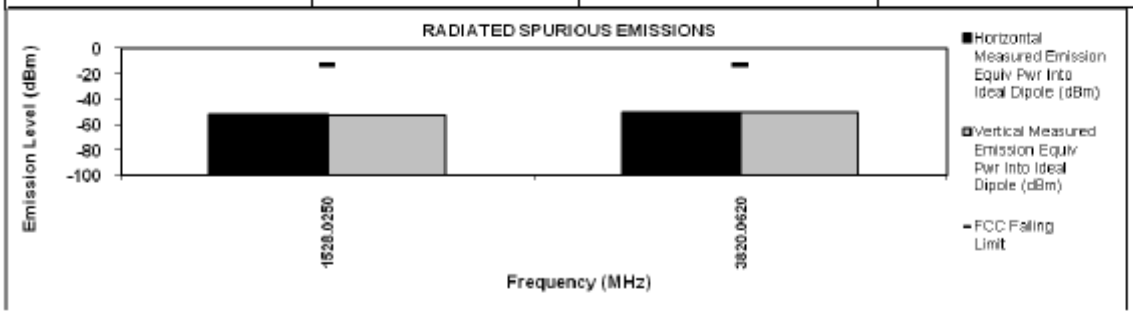
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

764.0125 MHz | **25 kHz** | **2.99 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-13	-51.18	-52.80
3820.0620	-13	-50.20	-49.97



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-37

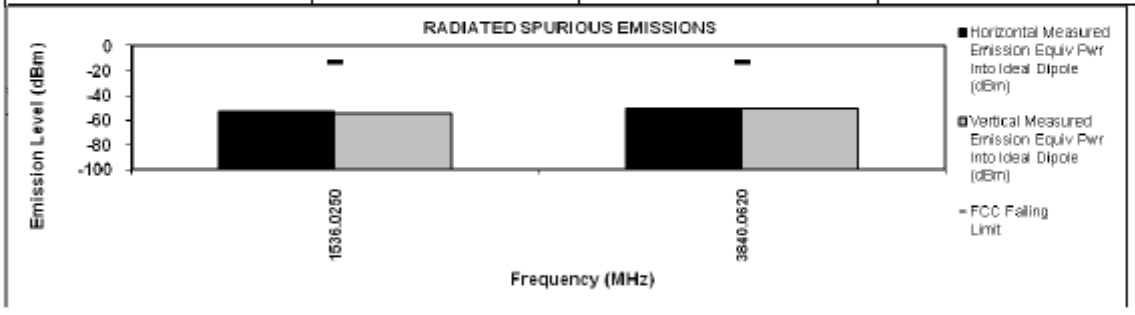
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

768.0125 MHz | **25 kHz** | **2.99 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1536.0250	-13	-52.94	-55.03
3840.0620	-13	-50.71	-50.60



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-38 *(Not for FCC Review)*

Motorola Solutions. **FCC ID: AZ489FT5860**

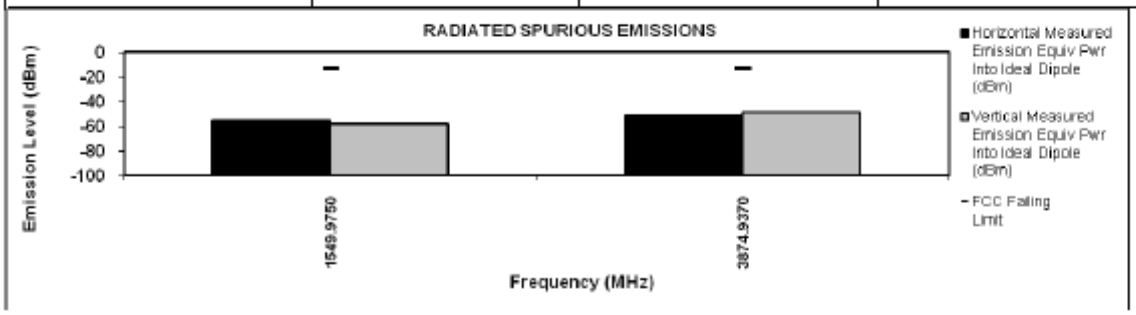
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

774.9875 MHz **25 kHz** **2.99 Watt(s)/Max Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1549.9750	-13	-55.16	-57.59
3874.9370	-13	-51.27	-48.52



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6G-39

Motorola Solutions. **FCC ID: AZ489FT5860**

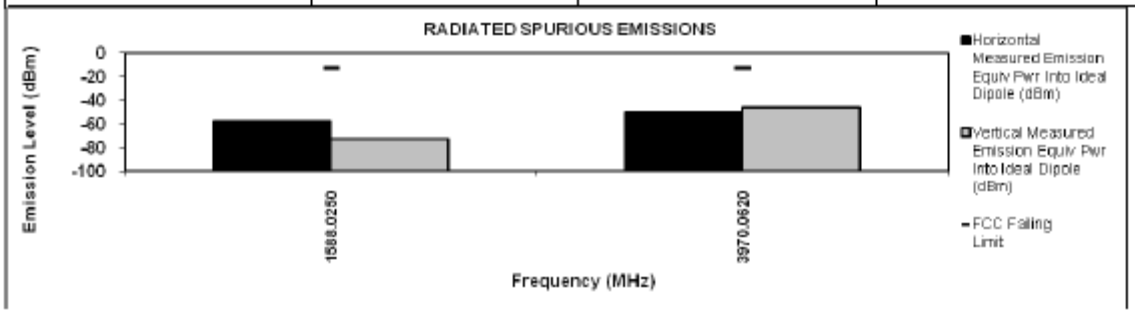
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

794.0125 MHz | **25 kHz** | **2.99 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1588.0250	-13	-57.93	-72.97
3970.0620	-13	-50.47	-46.26



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-40

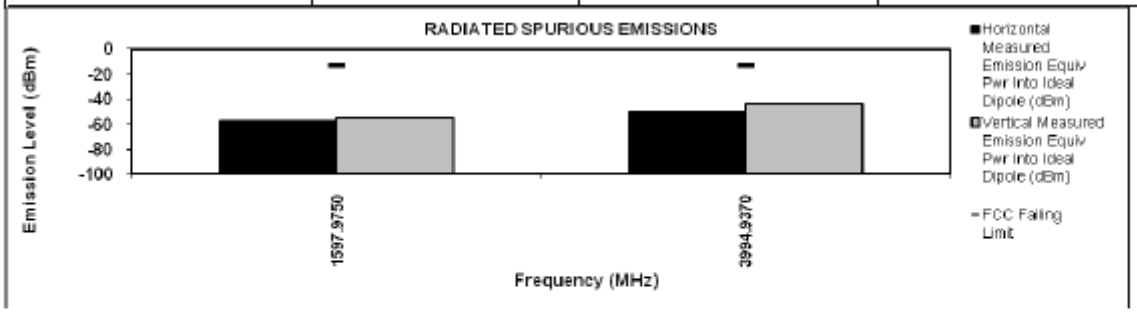
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

798.9875 MHz | **25 kHz** | **2.99 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1597.9750	-13	-57.79	-55.13
3994.9370	-13	-50.03	-44.04



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-41 *(Not for FCC Review)*

Motorola Solutions. **FCC ID: AZ489FT5860**

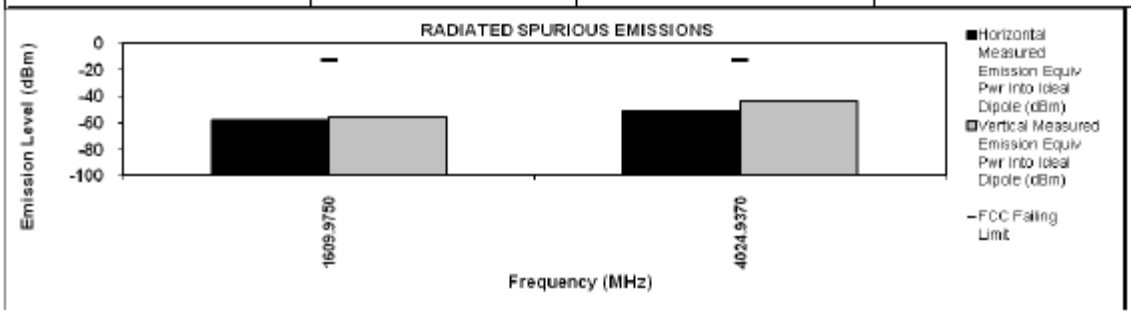
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

804.9875 MHz **25 kHz** **2.99 Watt(s)/Max Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.9750	-13	-58.25	-55.68
4024.9370	-13	-50.82	-43.83



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-42

Motorola Solutions. **FCC ID: AZ489FT5860**

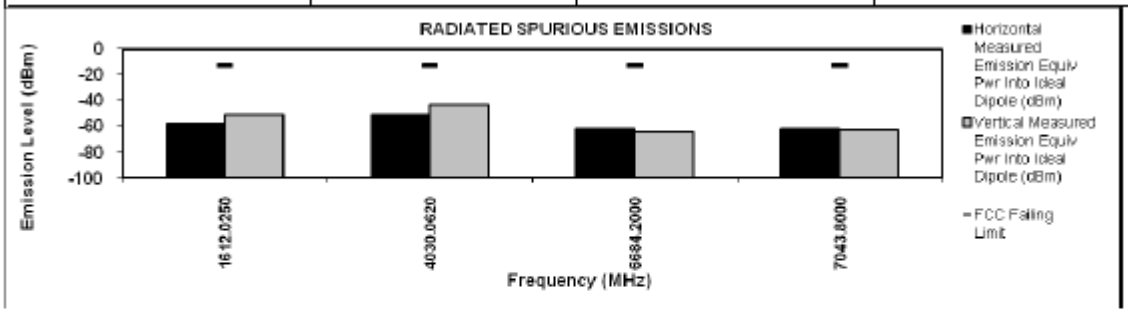
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A **Batt: NNTN8129A Accy: HMN4104B-526-001**

00750-EMC-00001

806.0125 MHz **25 kHz** **3.60 Watt(s)/Max Power** **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	-57.48	-51.09
4030.0620	-13	-51.00	-43.69
6684.2000	-13	-62.29	-64.64
7043.8000	-13	-62.11	-63.04



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-43

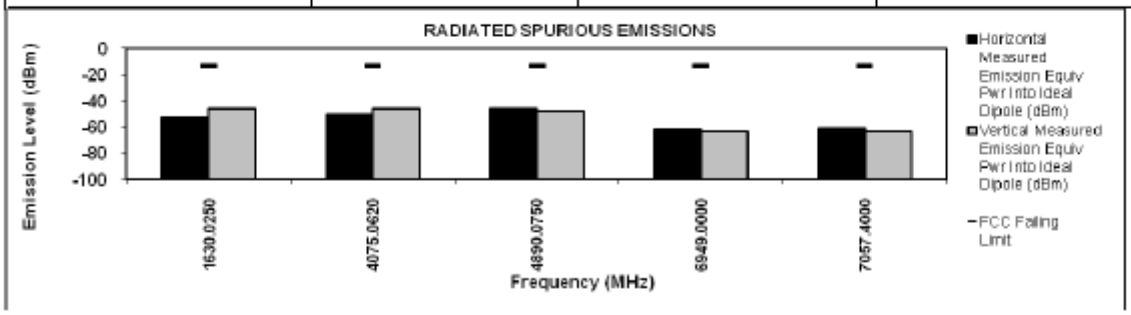
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

815.0125 MHz | **25 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-13	-52.30	-46.09
4075.0620	-13	-49.87	-45.88
4890.0750	-13	-46.13	-47.90
6949.0000	-13	-61.95	-63.67
7057.4000	-13	-61.28	-63.57



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-44

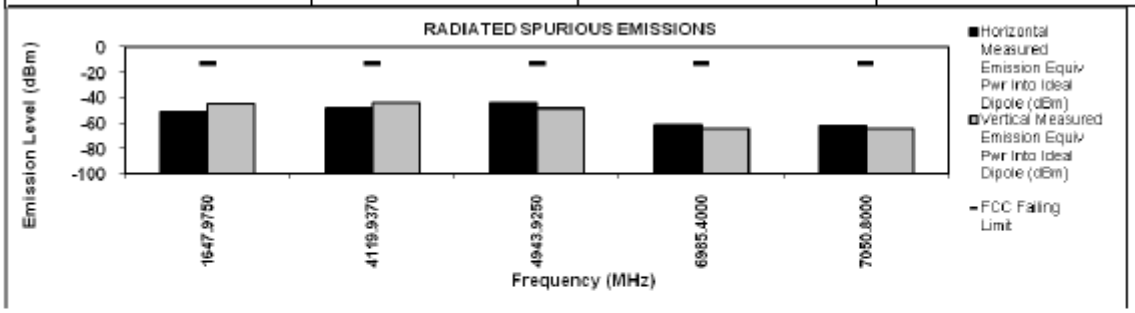
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

823.9875 MHz | **25 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	-50.51	-45.09
4119.9370	-13	-47.90	-43.98
4943.9250	-13	-43.73	-48.44
6985.4000	-13	-61.08	-64.07
7050.8000	-13	-61.50	-63.85



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-45

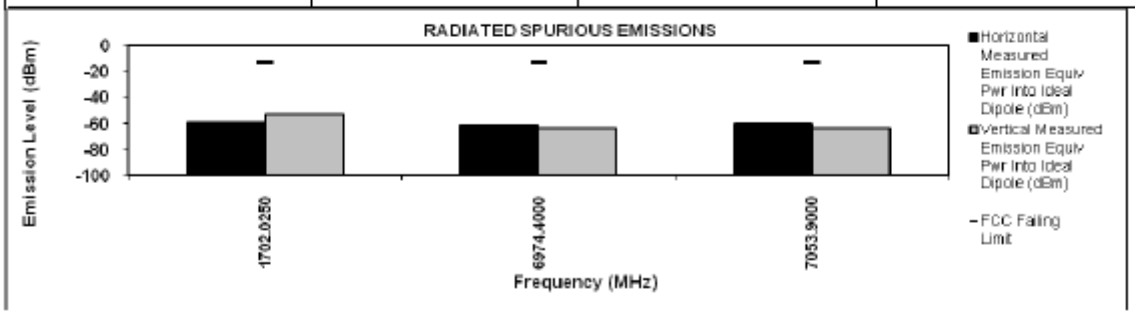
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

851.0125 MHz | **25 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-13	-59.11	-53.09
6974.4000	-13	-60.74	-63.60
7053.9000	-13	-60.40	-63.64



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-46

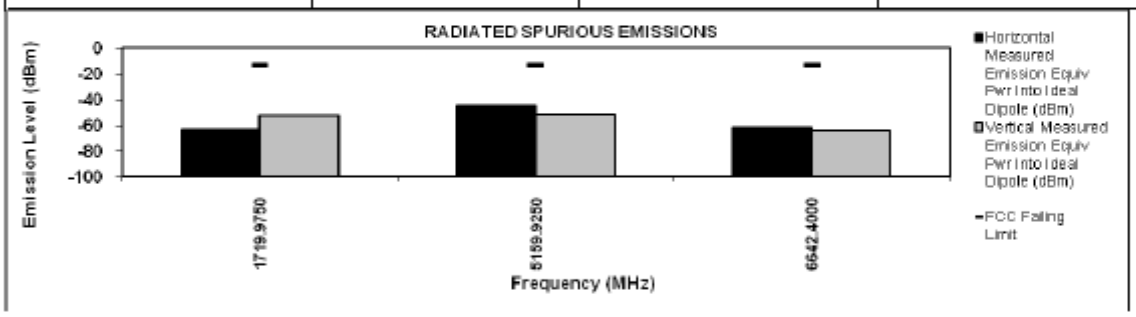
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

859.9875 MHz | **25 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1719.9750	-13	-62.61	-52.46
5159.9250	-13	-44.71	-51.53
6642.4000	-13	-61.55	-63.88



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

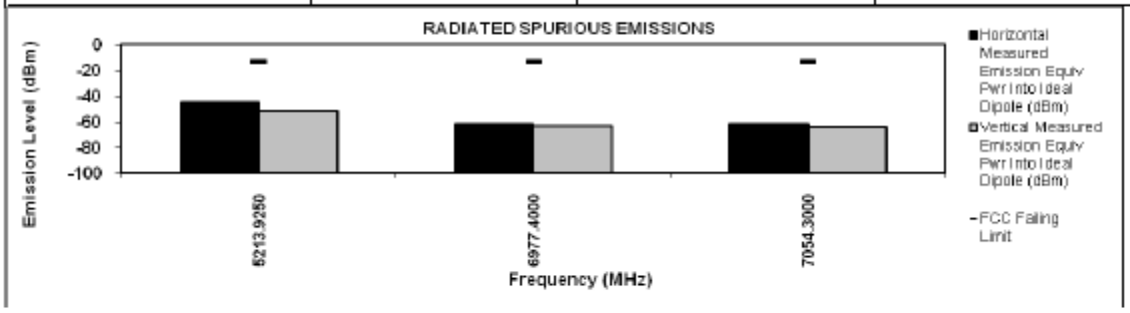
Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001
Batt: NNTN8129A Accy: HMN4104B-526-001

868.9875 MHz | **25 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
5213.9250	-13	-44.57	-51.59
6977.4000	-13	-61.75	-63.05
7054.3000	-13	-61.08	-63.91



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6G-48

EXHIBIT 6H

1559-1610MHz Radiated Emissions (GNSS), Channel spacing 12.5 kHz

Motorola Solutions. **FCC ID: AZ489FT5860**

TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

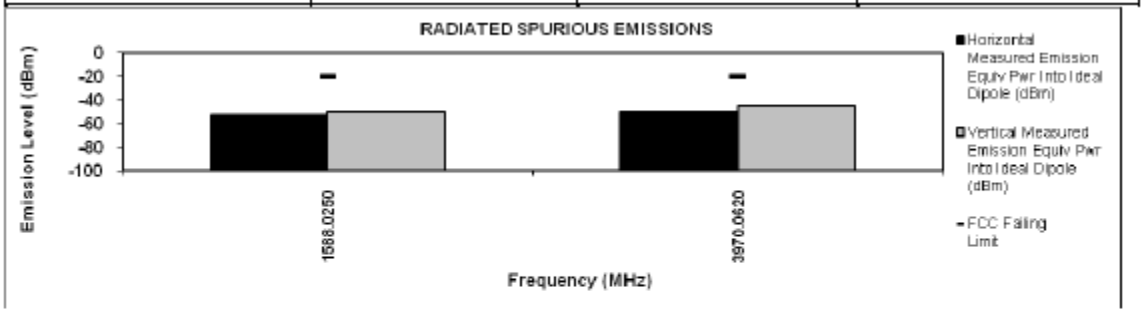
MODEL #: PMUF1611A

00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

794.0125 MHz | **12.5 kHz** | **2.99 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1588.0250	-20	-52.82	-49.76
3970.0620	-20	-49.85	-45.53



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

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 20, 2012**

FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Exhibit 6H-1

Remarks:

Passed Results	Marginal Results	Failed Results

1559-1610MHz Radiated Emissions (GNSS), Channel spacing 12.5 kHz

Motorola Solutions. **FCC ID: AZ489FT5860**

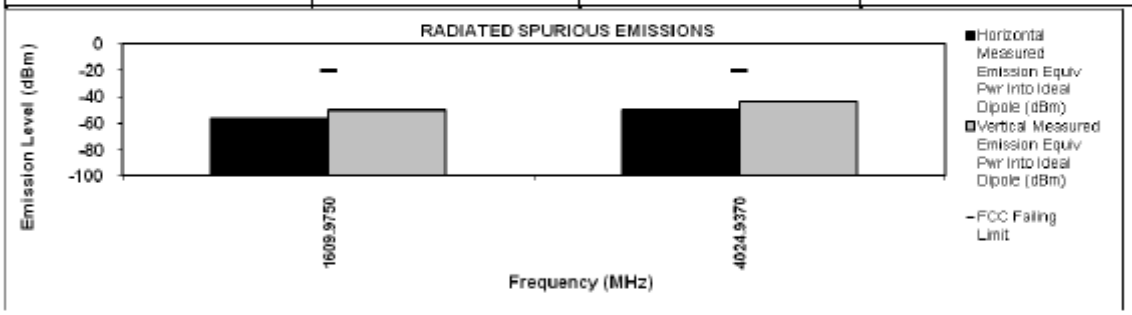
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

804.9875 MHz | **12.5 kHz** | **3.60 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.9750	-20	-56.26	-50.08
4024.9370	-20	-49.97	-44.02



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Faris **July 20, 2012**
FCC Registration: 772092 **Industry Canada: 109U-89FT5860**

Exhibit 6H-2

Remarks:

Passed Results	Marginal Results	Failed Results

1559-1610MHz Radiated Emissions (GNSS), Channel spacing 25 kHz

Motorola Solutions. **FCC ID: AZ489FT5860**

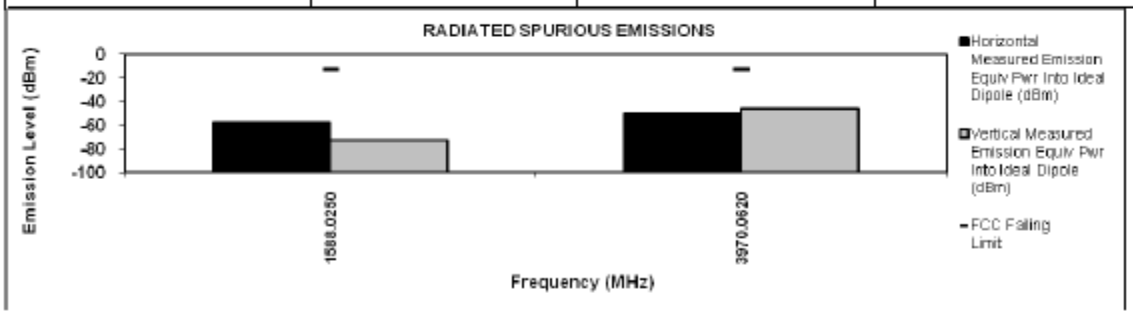
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

794.0125 MHz | **25 kHz** | **2.99 Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1588.0250	-13	-57.93	-72.97
3970.0620	-13	-50.47	-46.26



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris

July 19, 2012

Exhibit 6H-3

1559-1610MHz Radiated Emissions (GNSS), Channel spacing 25 kHz

Motorola Solutions. **FCC ID: AZ489FT5860**

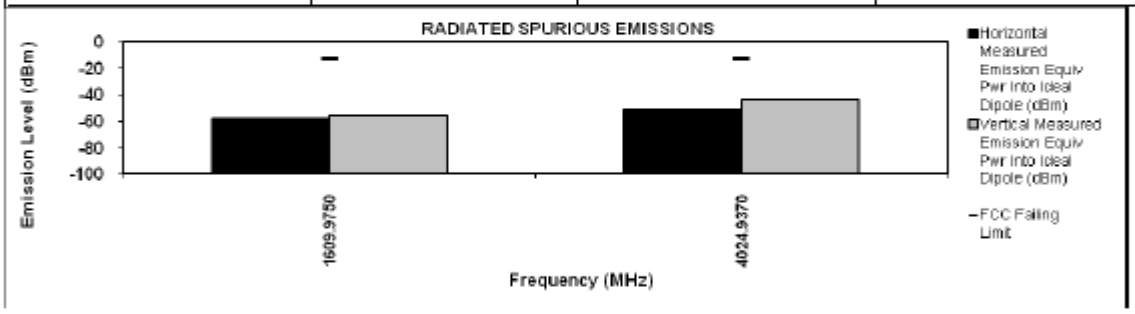
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX3000 700-800MHZ PORTABLE 3W

MODEL #: PMUF1611A
00750-EMC-00001

Batt: NNTN8129A Accy: HMN4104B-526-001

804.9875 MHz | **25 kHz** | **3.60Watt(s)/Max Power** | **S/N: 536TNM0124**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.9750	-13	-58.25	-55.68
4024.9370	-13	-50.82	-43.83



*** Indicates the spurious emission could not be detected due to noise limitations or ambients.**
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
Motorola Penang EMC Lab - Test Performed by: Faris **July 19, 2012**

Exhibit 6H-4

EXHIBIT 6I
Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1047, 2.1033(c)(13), RSS-Gen and RSS-119
Note: Lines on graphs correspond to the FCC limit of –13dBm.
Spurs which are not shown is less than 100dB

Freq: 764.0125 MHz, Power: 2.99Watts (channel spacing 12.5kHz)

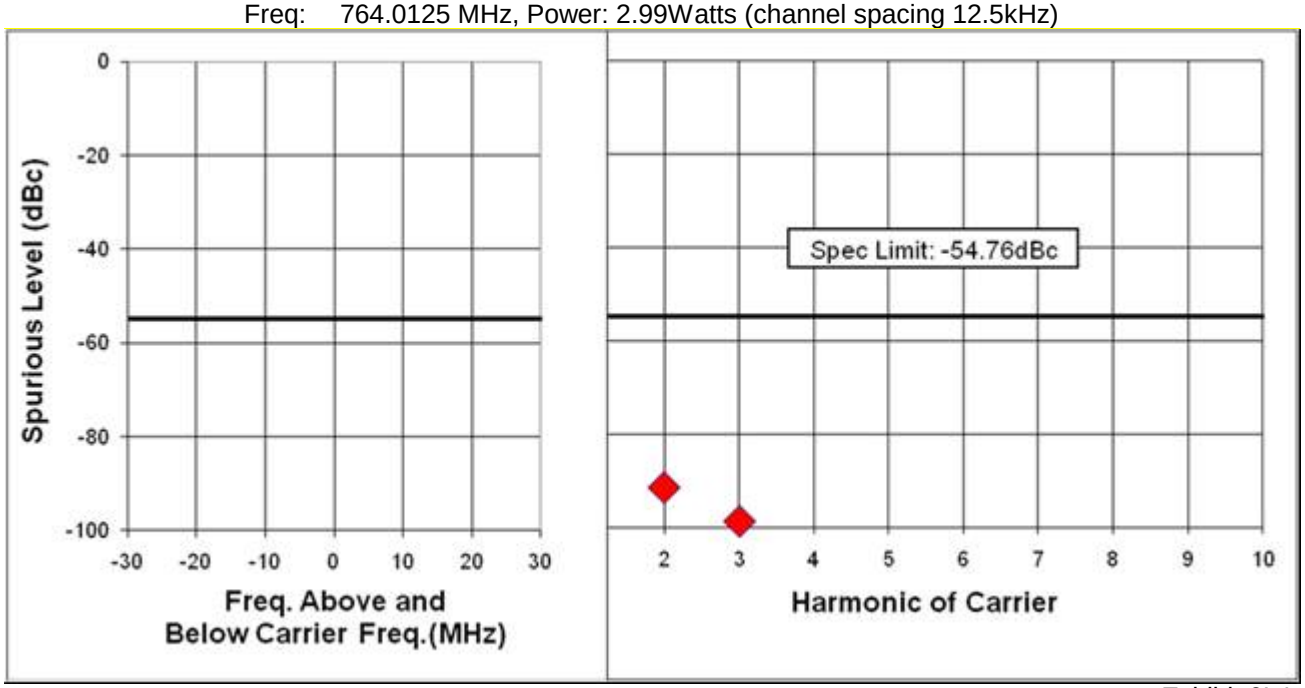


Exhibit 6I-1

Freq: 768.0125 MHz, Power: 2.99Watts (channel spacing 12.5kHz)

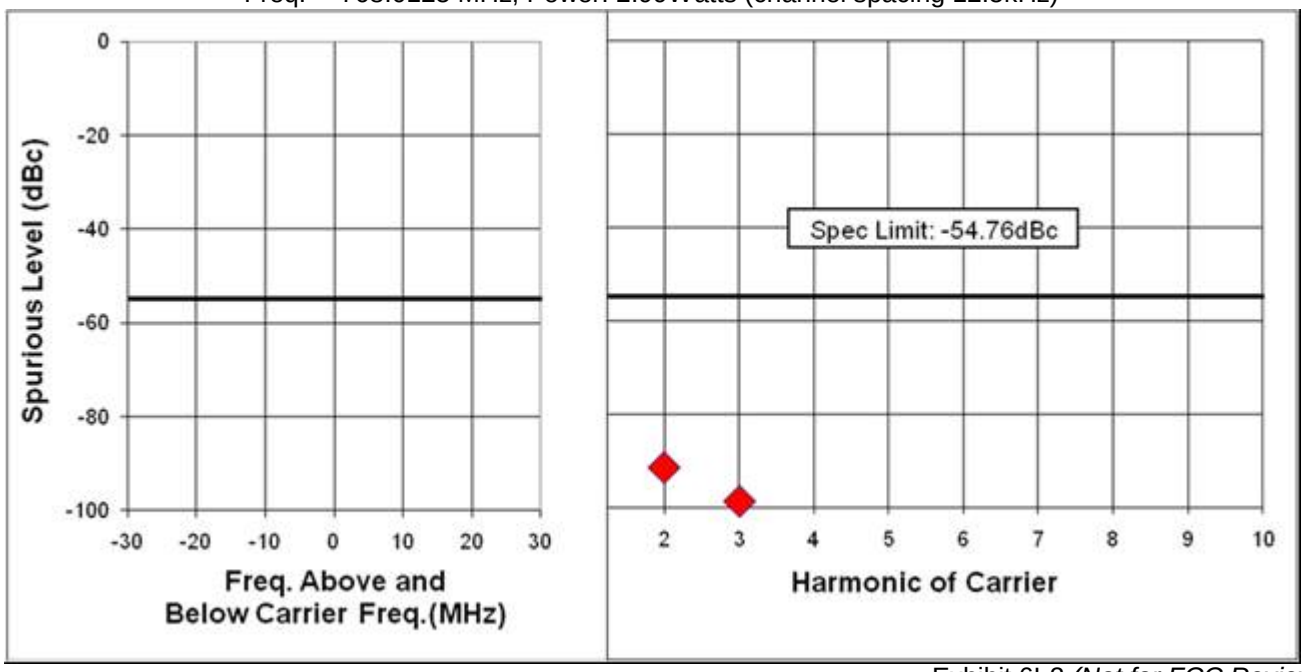


Exhibit 6I-2 *(Not for FCC Review)*

Freq: 774.9875 MHz, Power: 2.99Watts (channel spacing 12.5kHz)

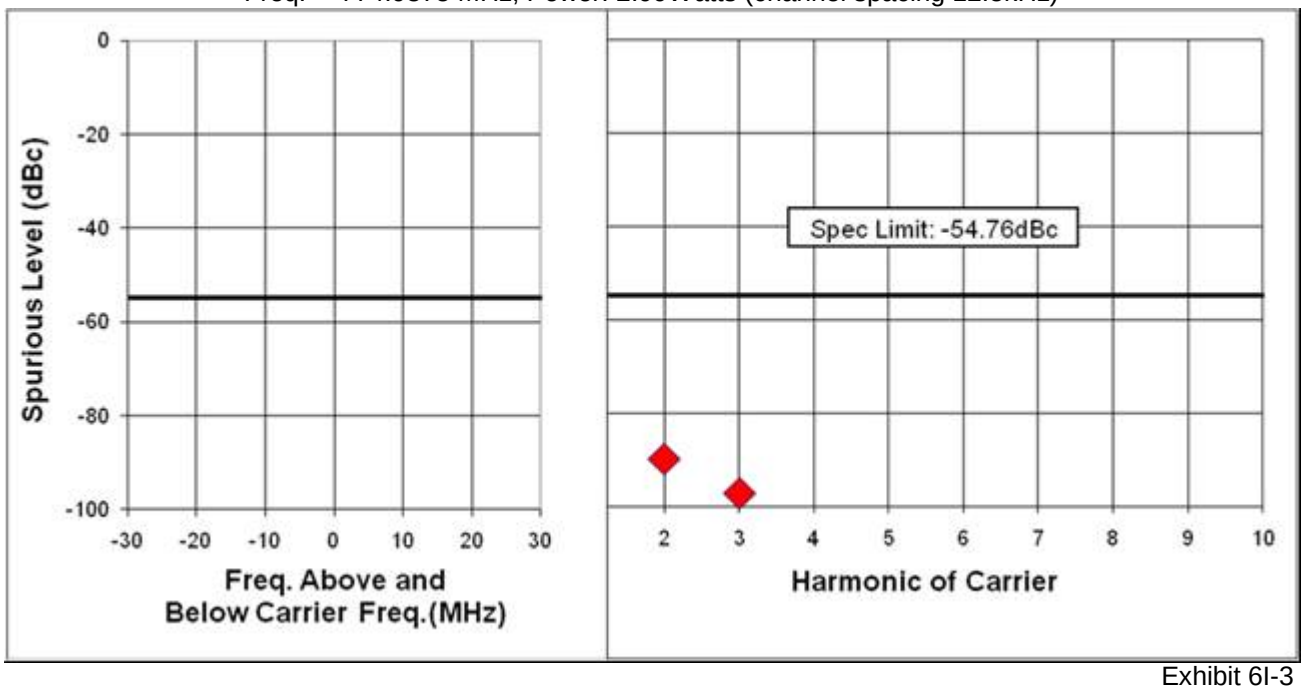


Exhibit 6I-3

Freq: 794.0125 MHz, Power: 2.99 Watts (channel spacing 12.5kHz)

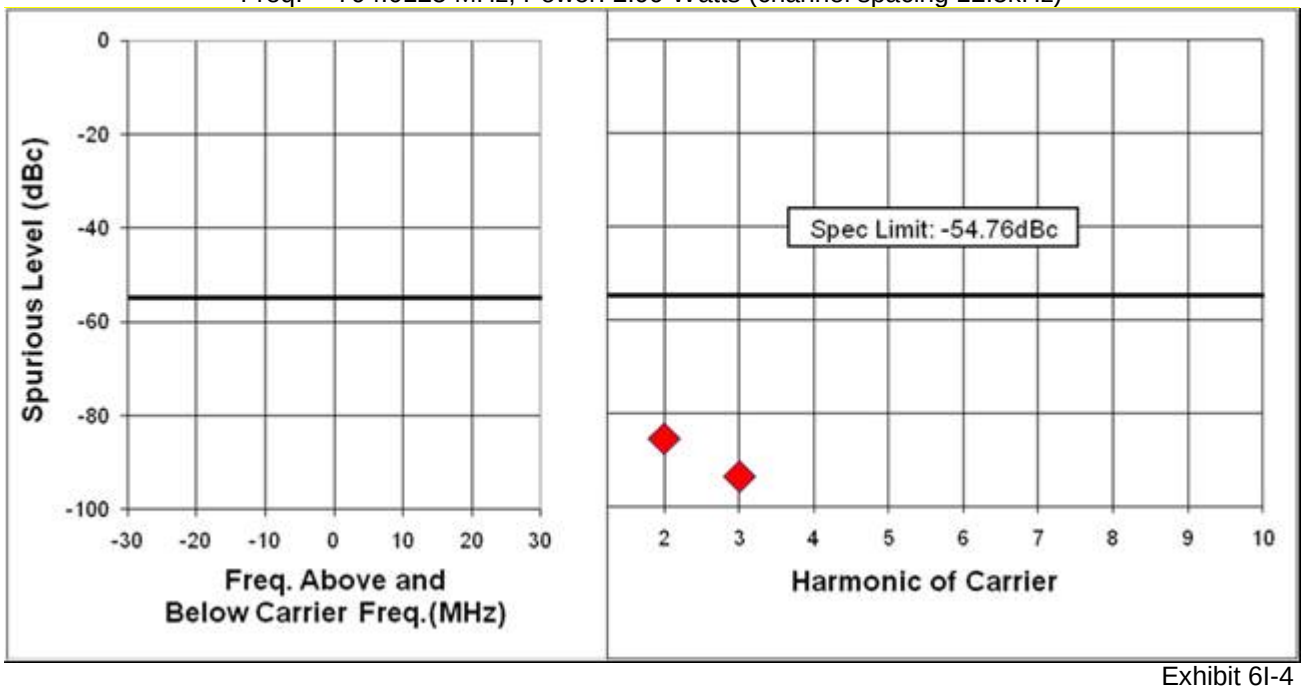


Exhibit 6I-4

Freq: 798.9875 MHz, Power: 2.99 Watts (channel spacing 12.5kHz)

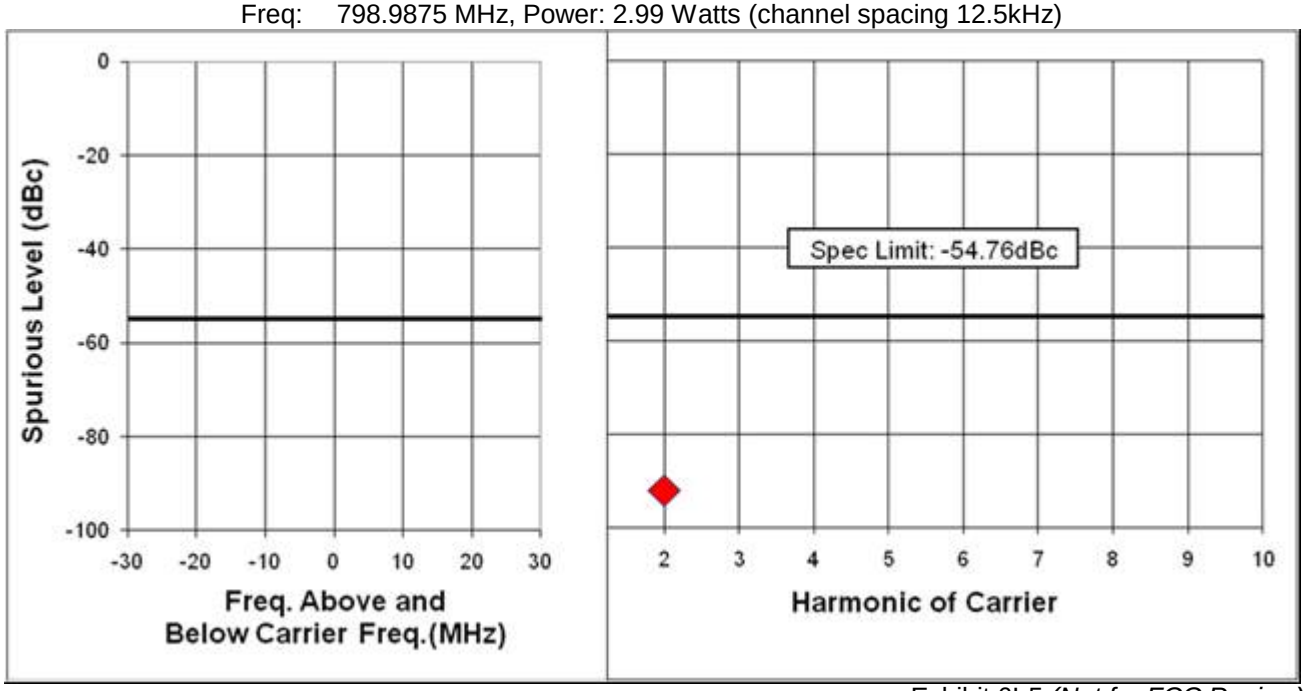


Exhibit 6I-5 *(Not for FCC Review)*

Freq: 804.9875 MHz, Power: 2.99 Watts(channel spacing 12.5kHz)

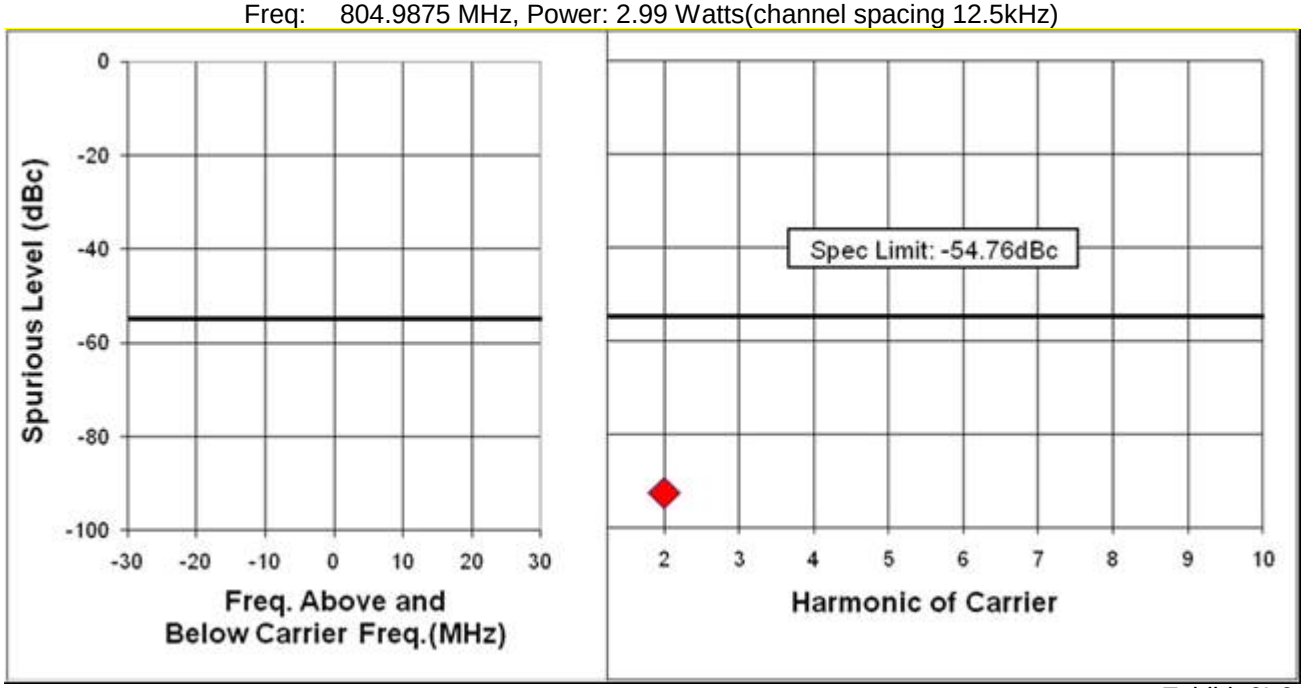


Exhibit 6I-6

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

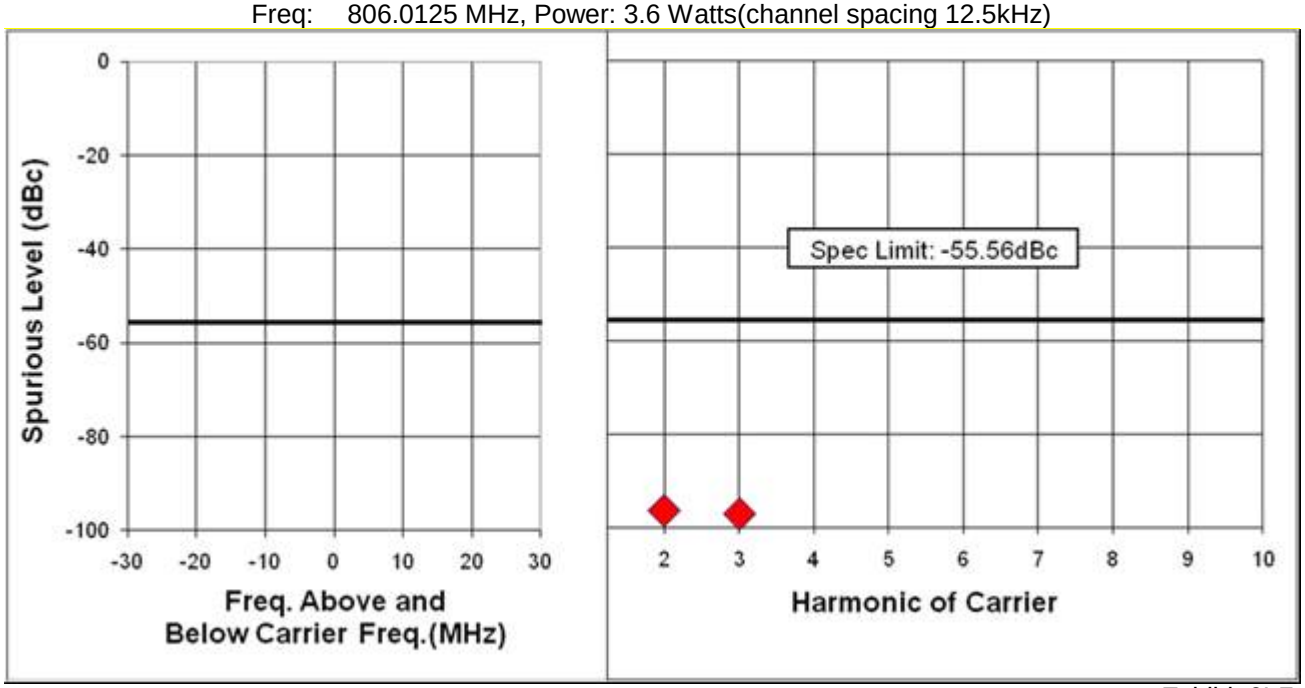


Exhibit 6I-7

Freq: 815.0125 MHz, Power: 3.6 Watts(channel spacing 12.5kHz)

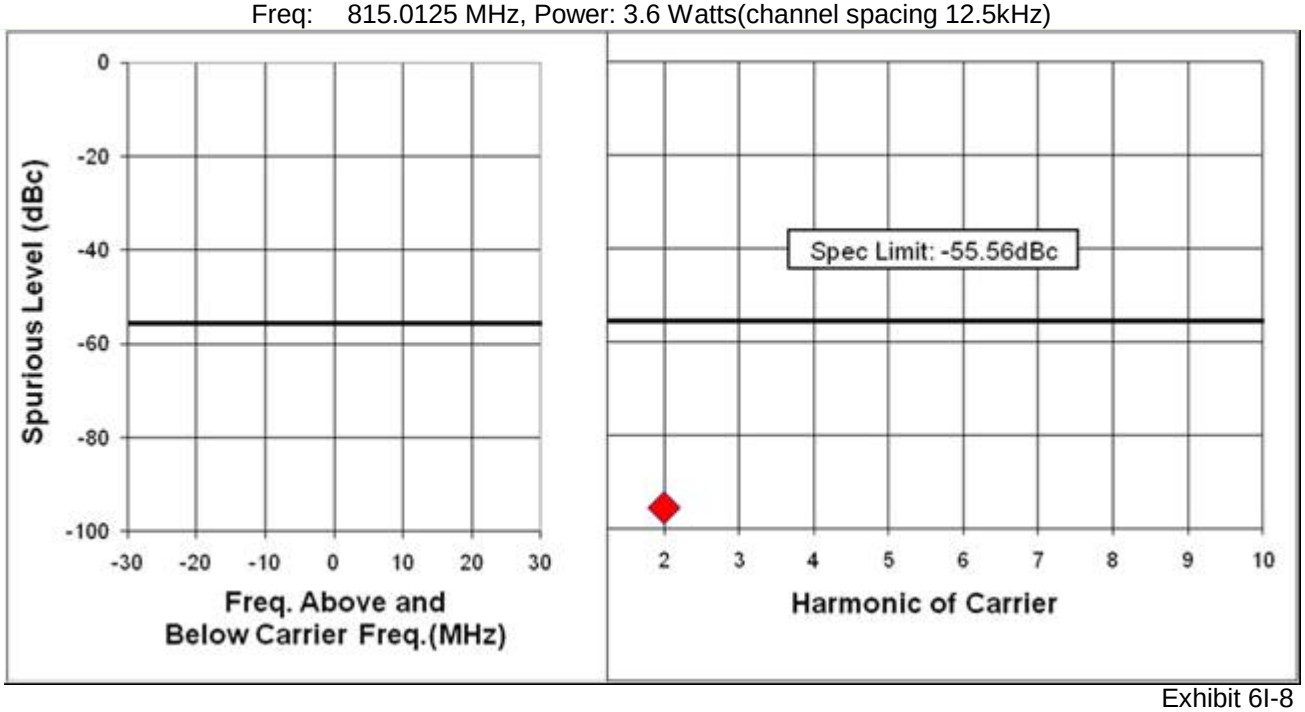


Exhibit 6I-8

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

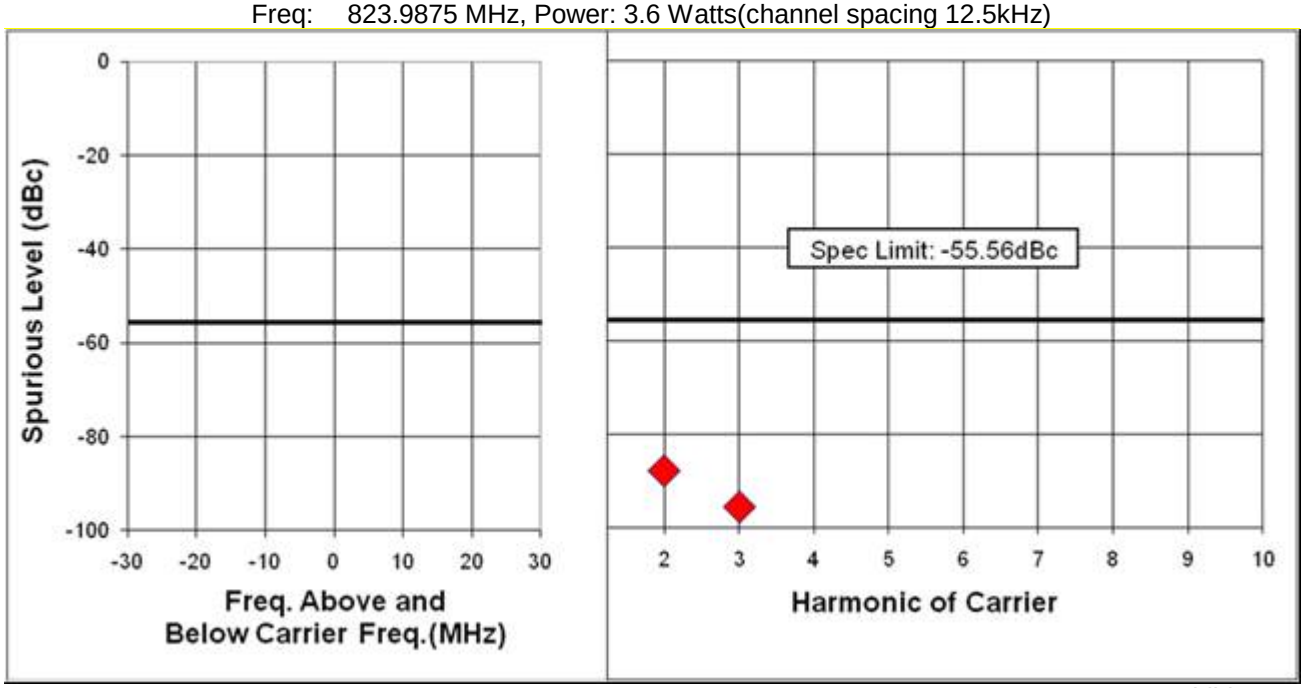


Exhibit 6I-9

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

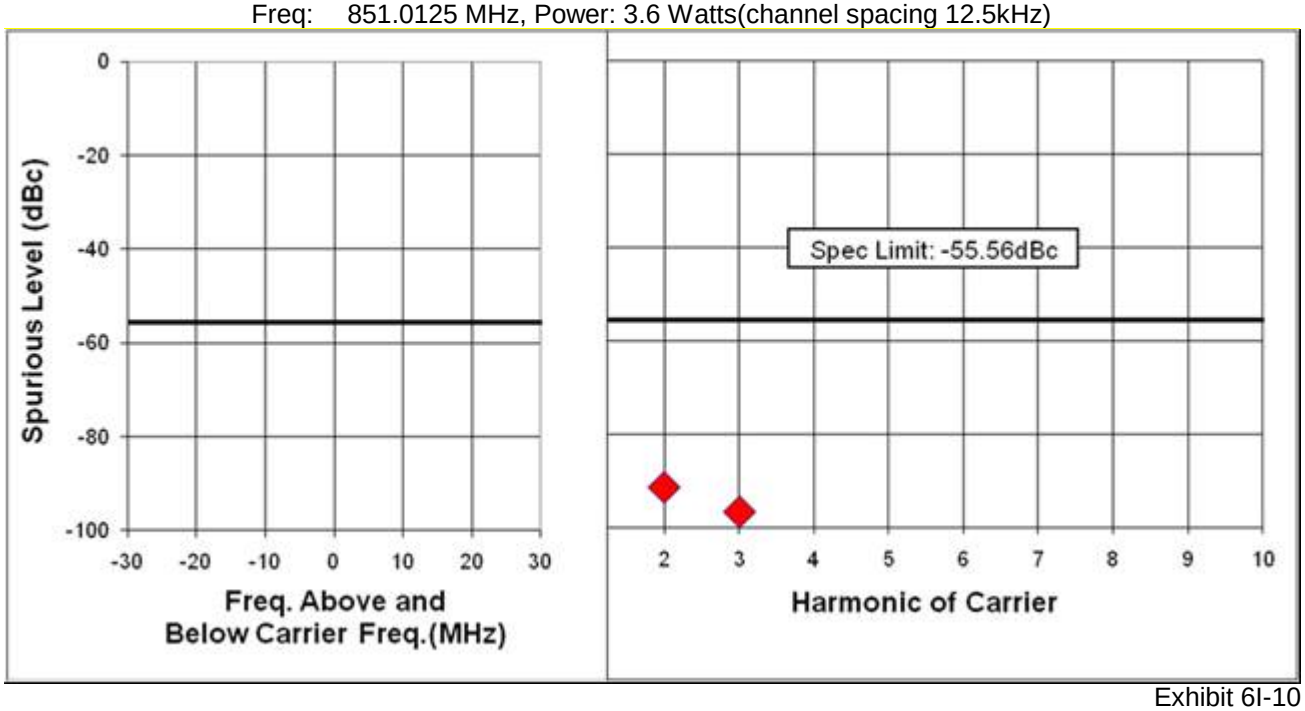


Exhibit 6I-10

Freq: 859.9875 MHz, Power: 3.6 Watts(channel spacing 12.5kHz)

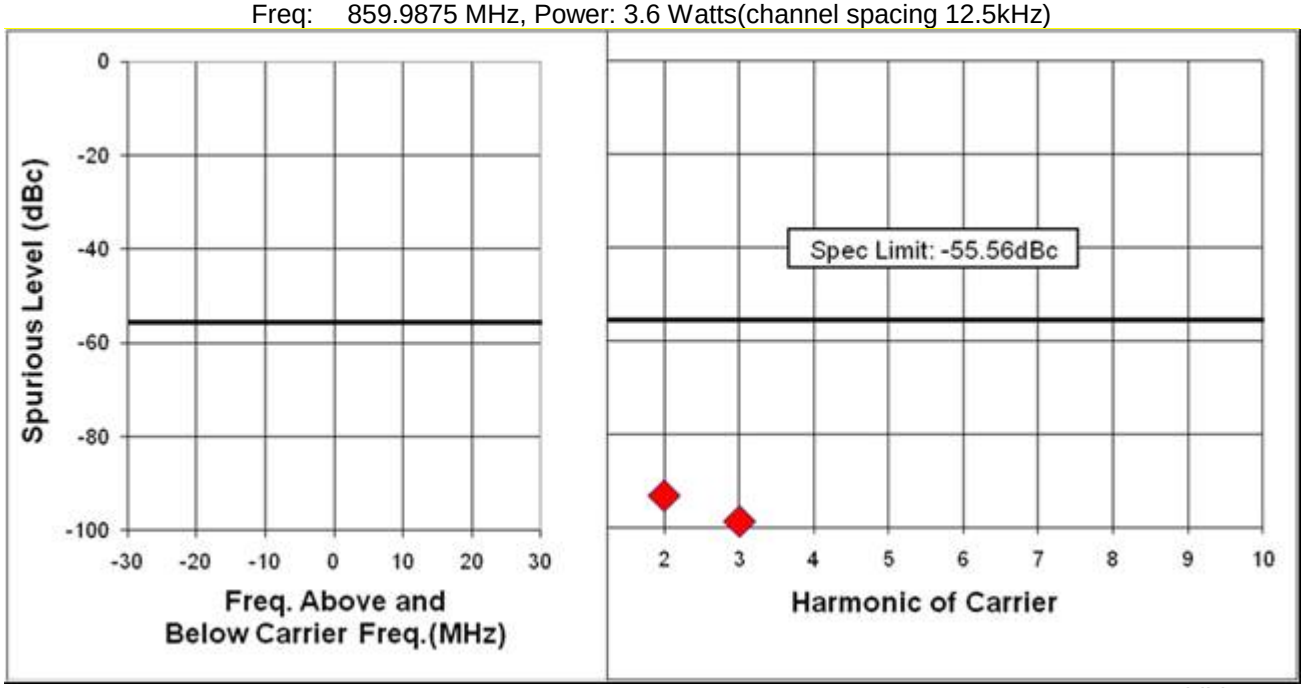


Exhibit 6I-11

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

Exhibit 6I-12

Freq: 764.0125 MHz, Power: 2.99Watts (channel spacing 25kHz)

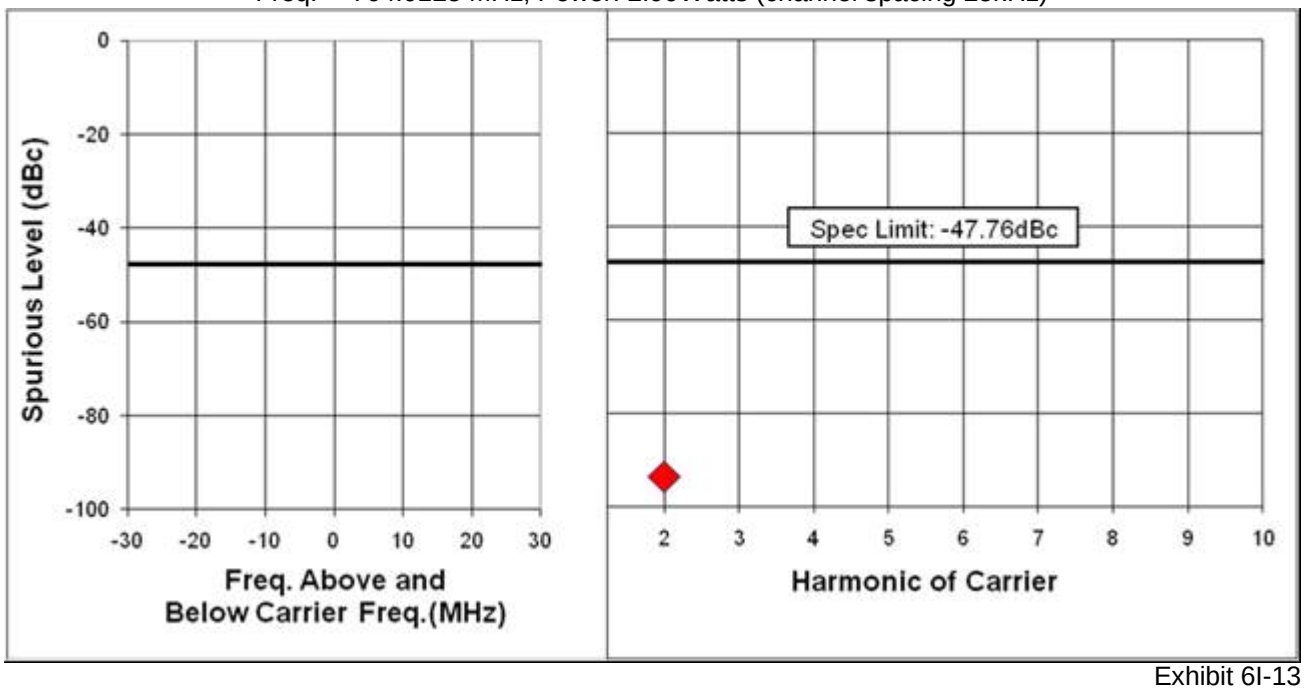


Exhibit 6I-13

Freq: 768.0125 MHz, Power: 2.99Watts (channel spacing 25kHz)

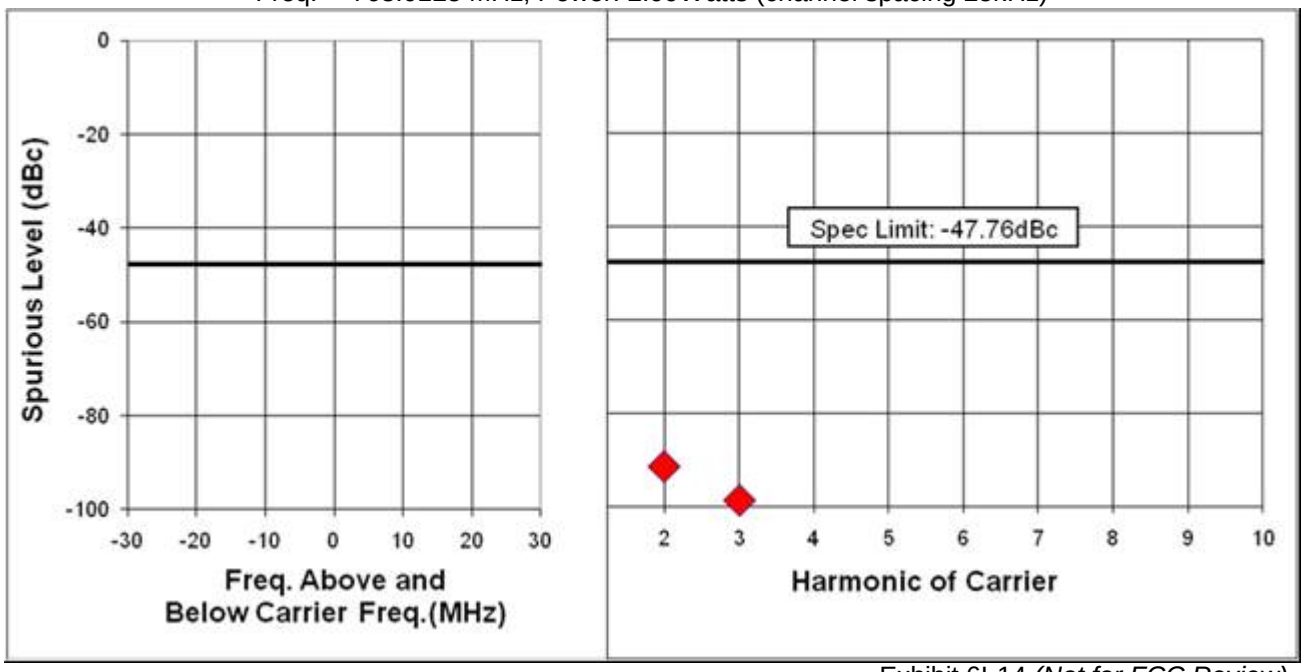
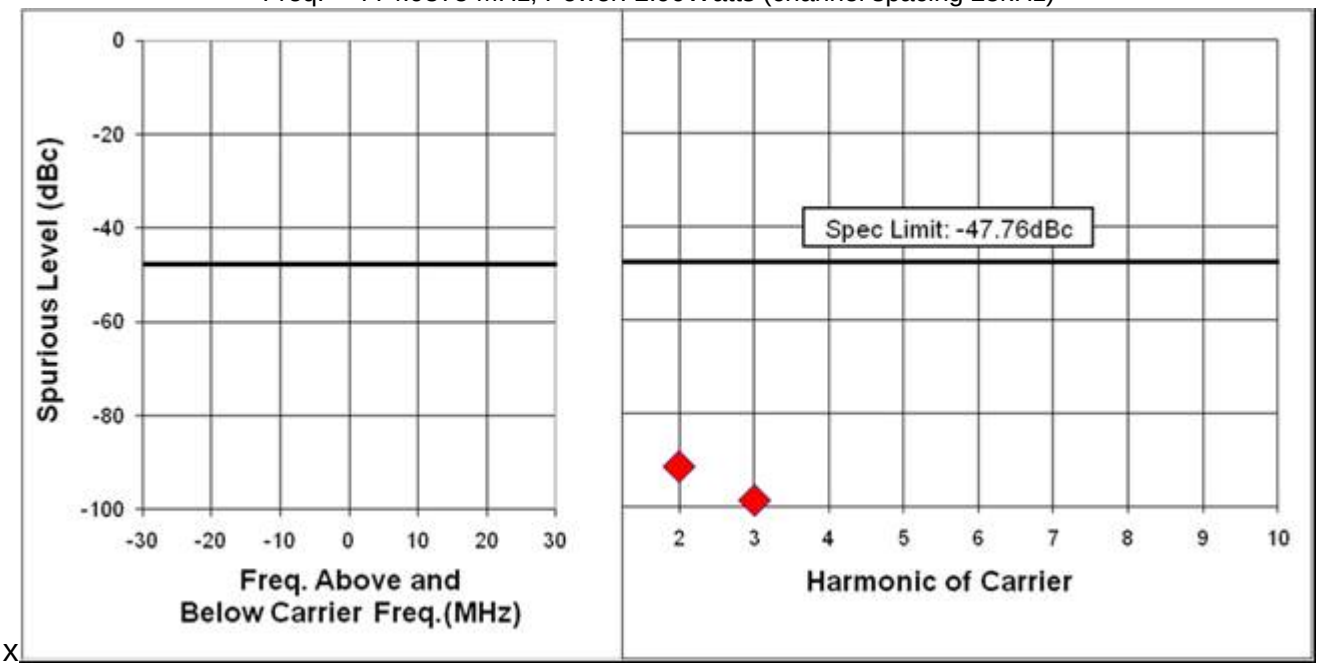


Exhibit 6I-14 *(Not for FCC Review)*

Freq: 774.9875 MHz, Power: 2.99Watts (channel spacing 25kHz)



X

Exhibit 6I-15

Freq: 794.0125 MHz, Power: 2.99 Watts (channel spacing 25kHz)

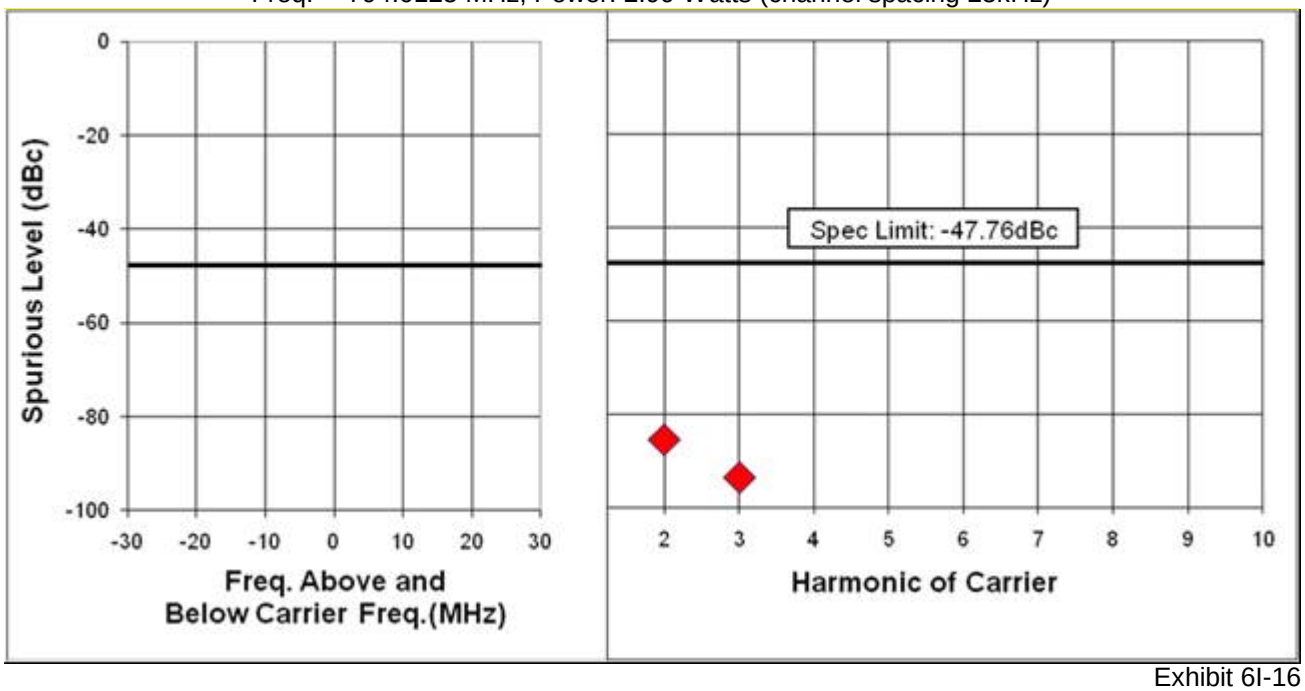


Exhibit 6I-16

Freq: 798.9875 MHz, Power: 2.99 Watts (channel spacing 25kHz)

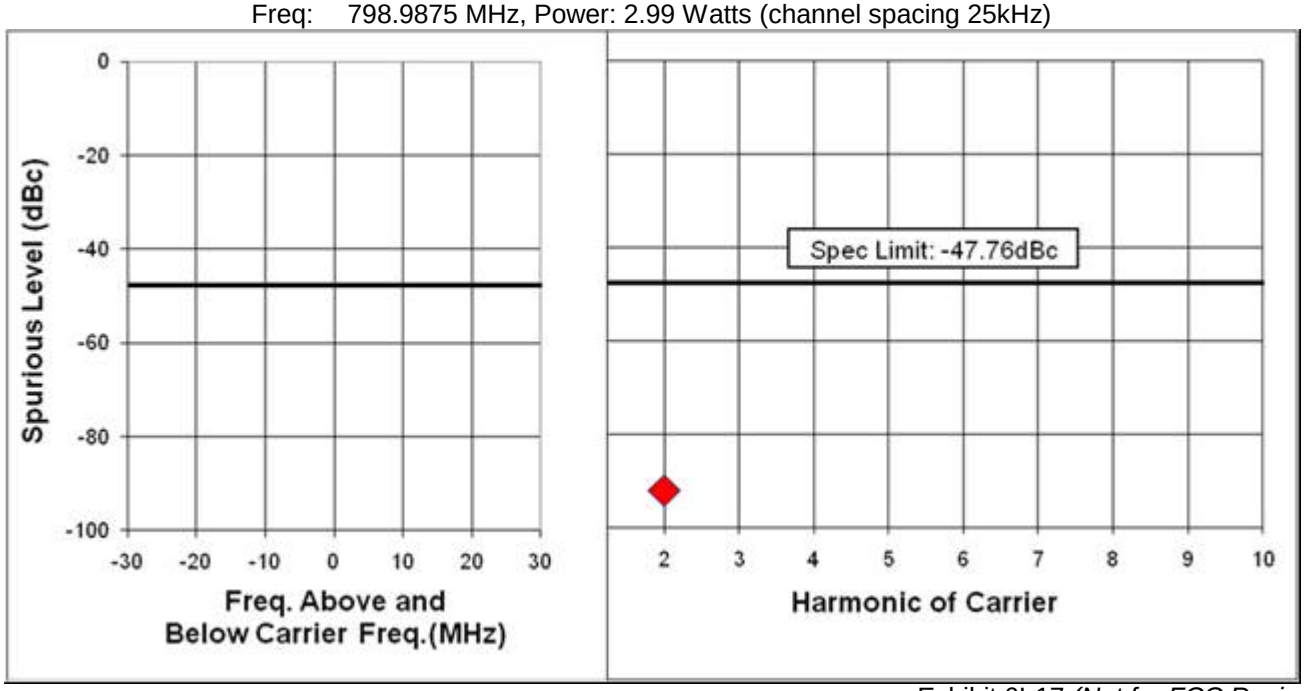


Exhibit 6I-17 *(Not for FCC Review)*

Freq: 804.9875 MHz, Power: 2.99 Watts(channel spacing 25kHz)

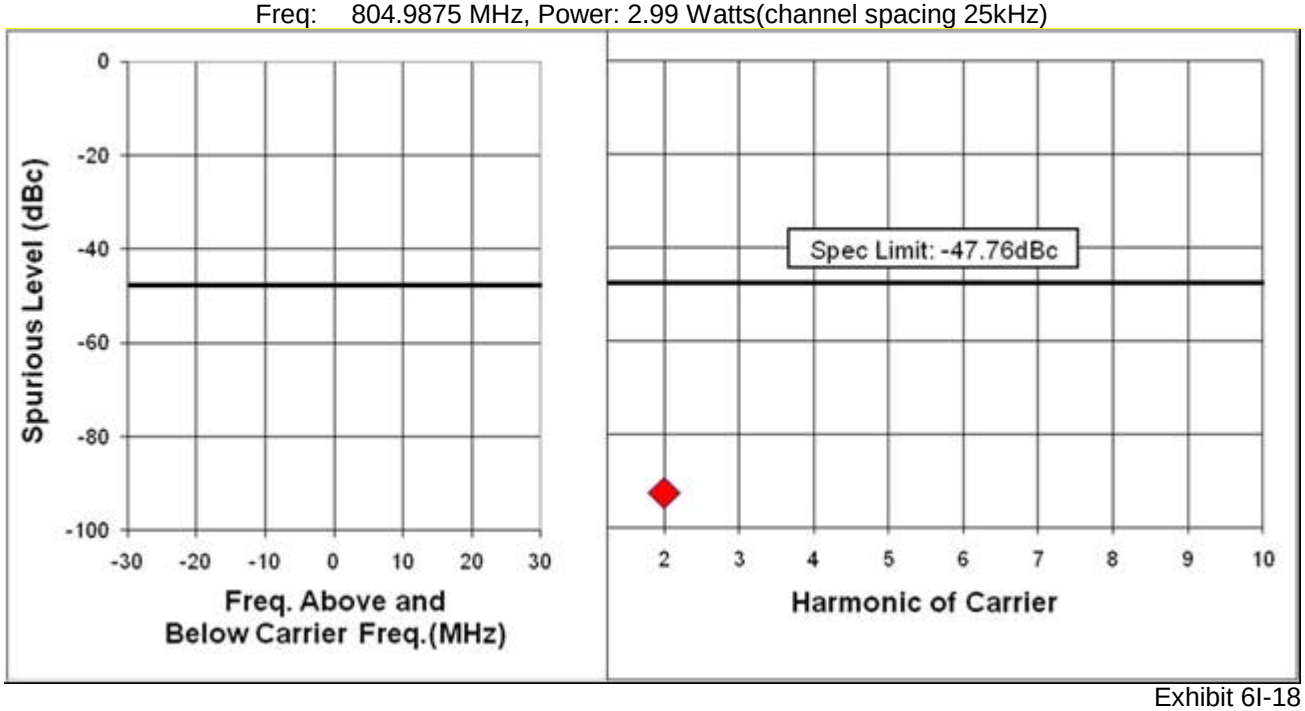


Exhibit 6I-18

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

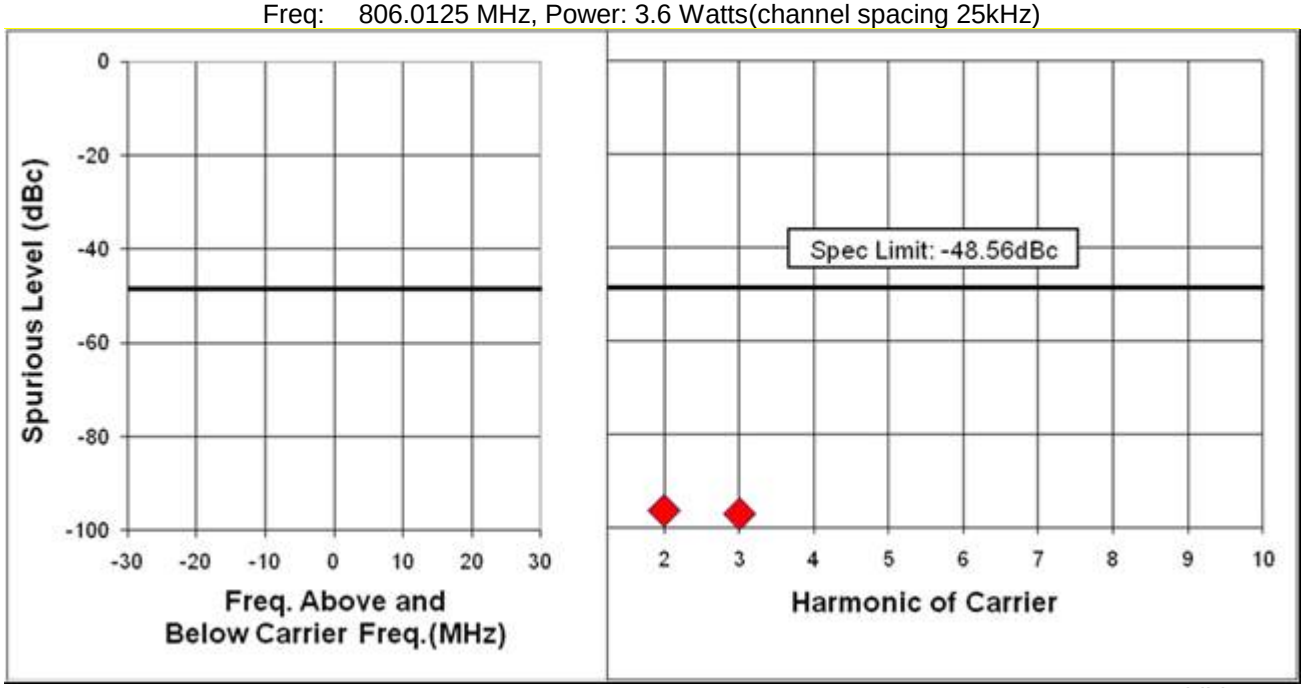


Exhibit 6I-19

Freq: 815.0125 MHz, Power: 3.6 Watts(channel spacing 25kHz)

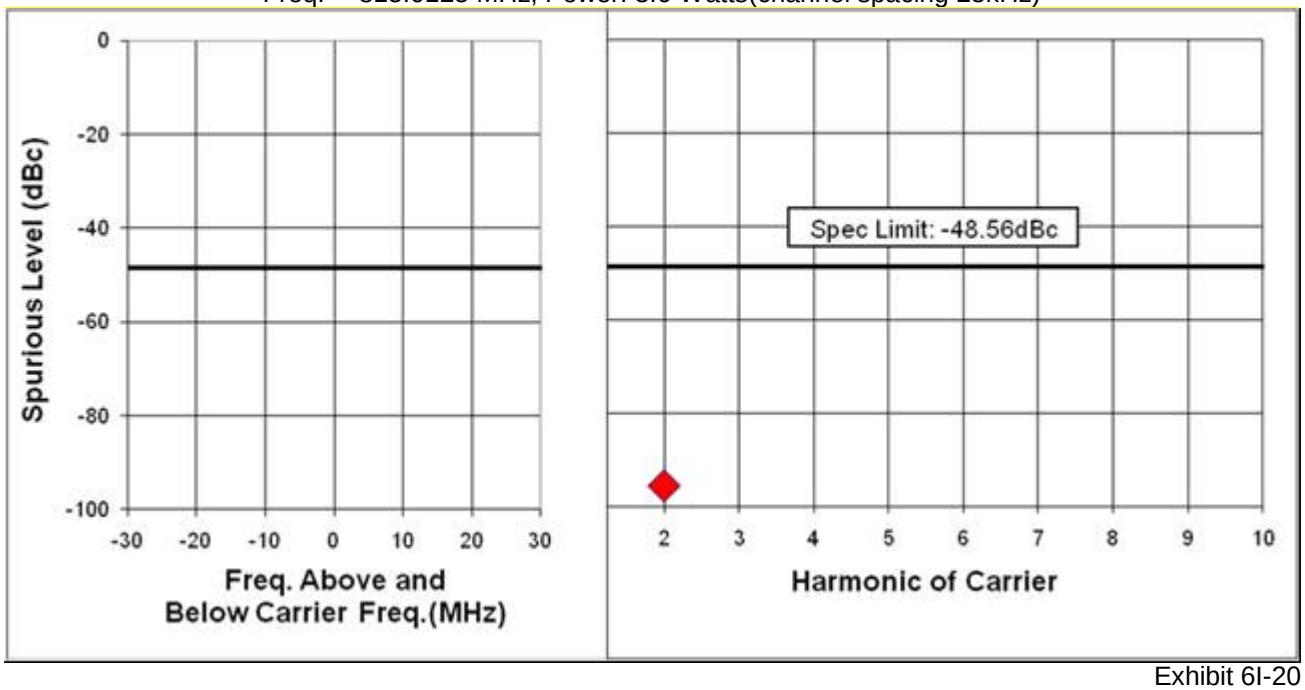


Exhibit 6I-20

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

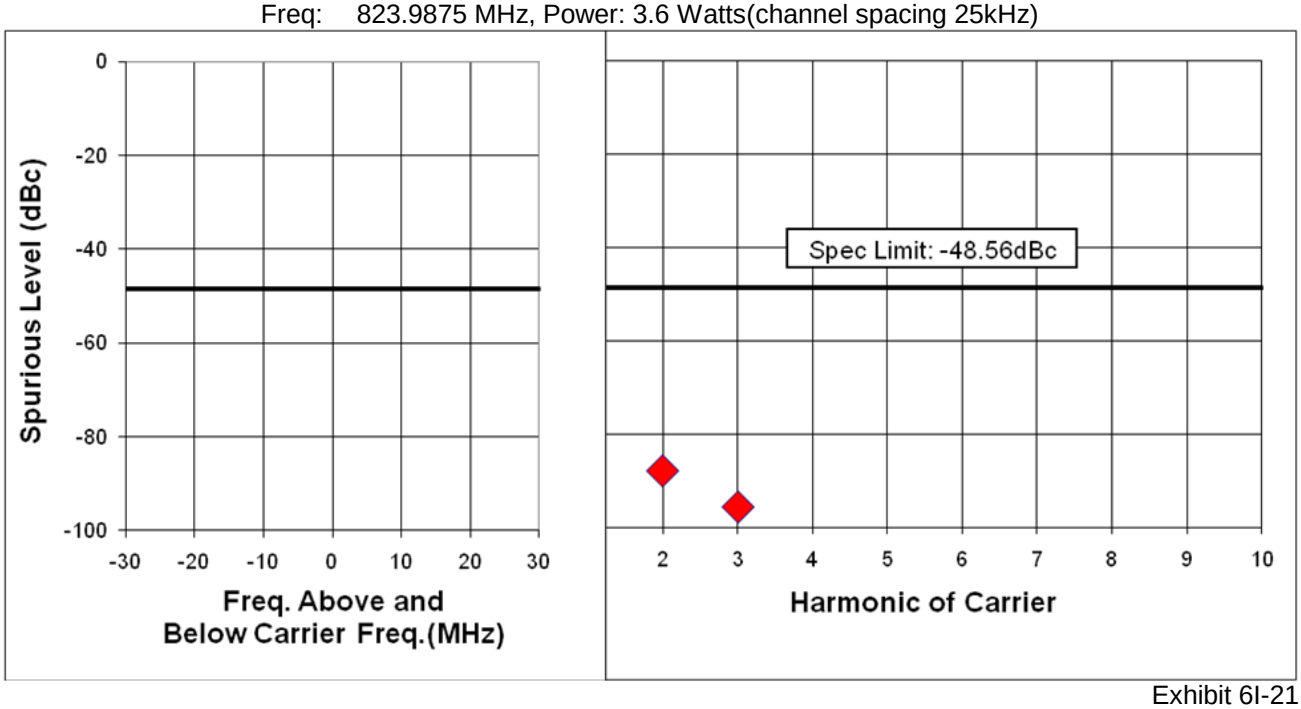
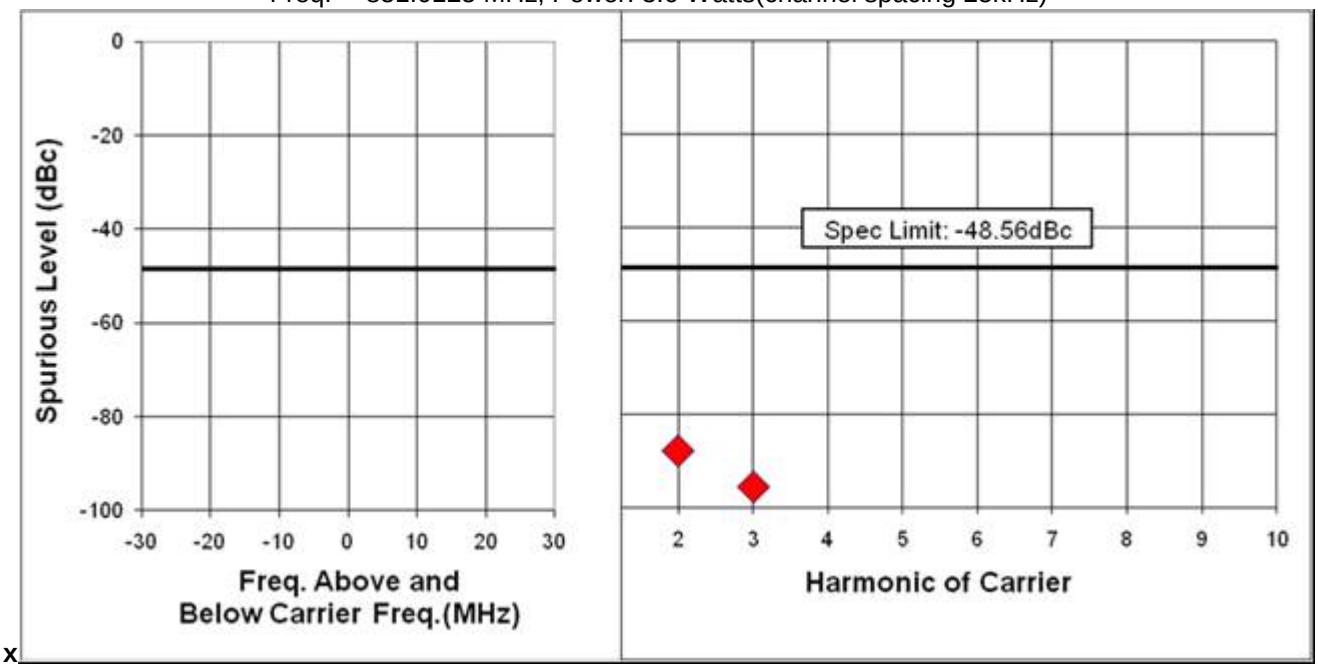


Exhibit 6I-21

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



x

Exhibit 6I-22

Freq: 859.9875 MHz, Power: 3.6 Watts(channel spacing 25kHz)

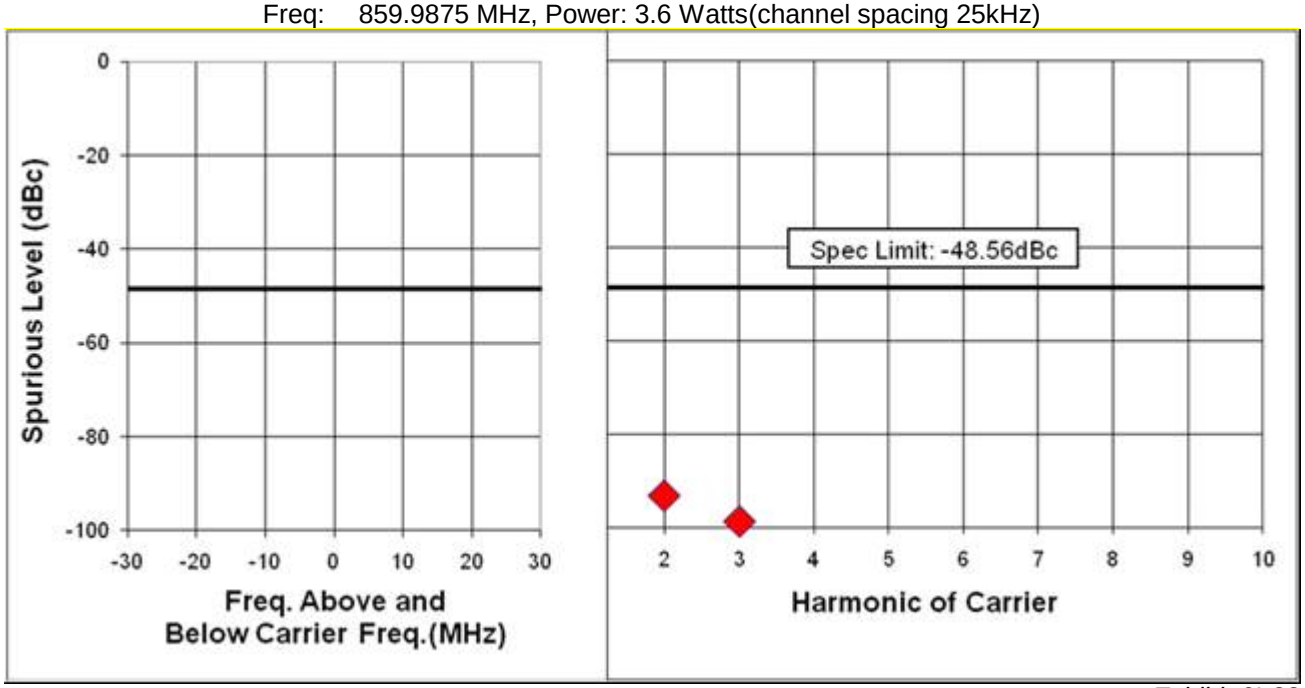


Exhibit 6I-23

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

Exhibit 6I-24

EXHIBIT 6J

Frequency Stability - Pursuant 47 CFR 2.1047, 2.1033(c)(13), RSS-Gen and RSS-119

Frequency Stability (764.0125 MHz) vs. Supply Voltage

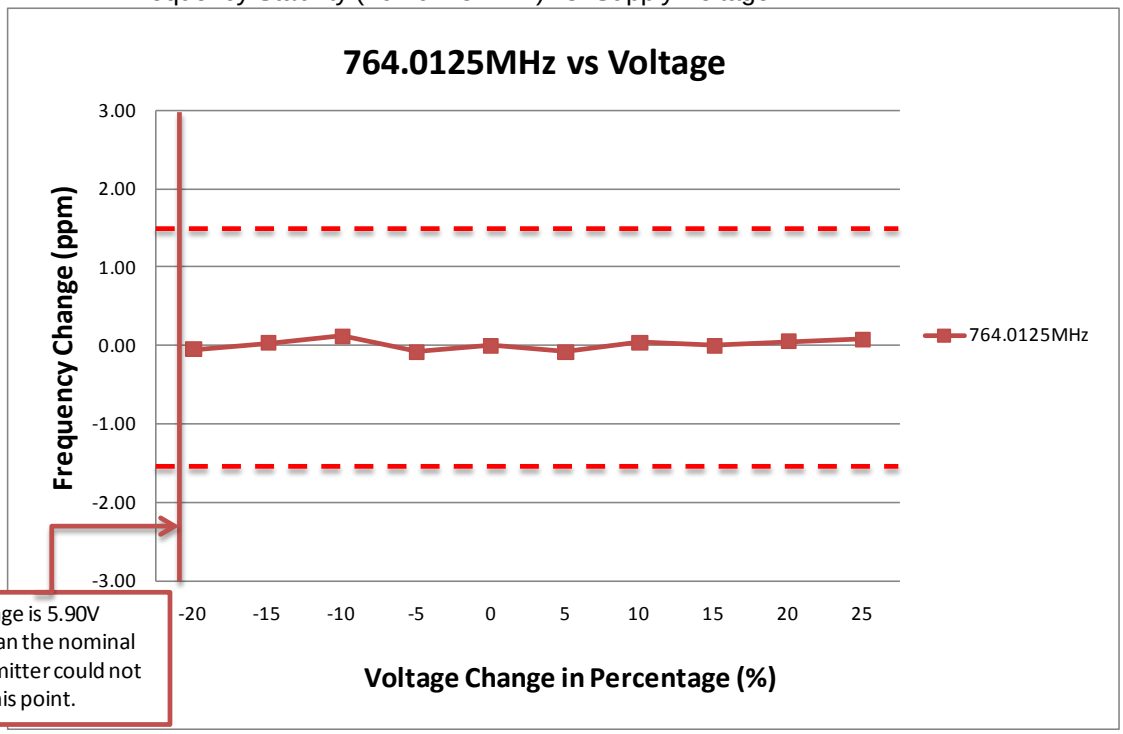


Exhibit 6J-1

Frequency Stability (794.0125 MHz) vs. Supply Voltage

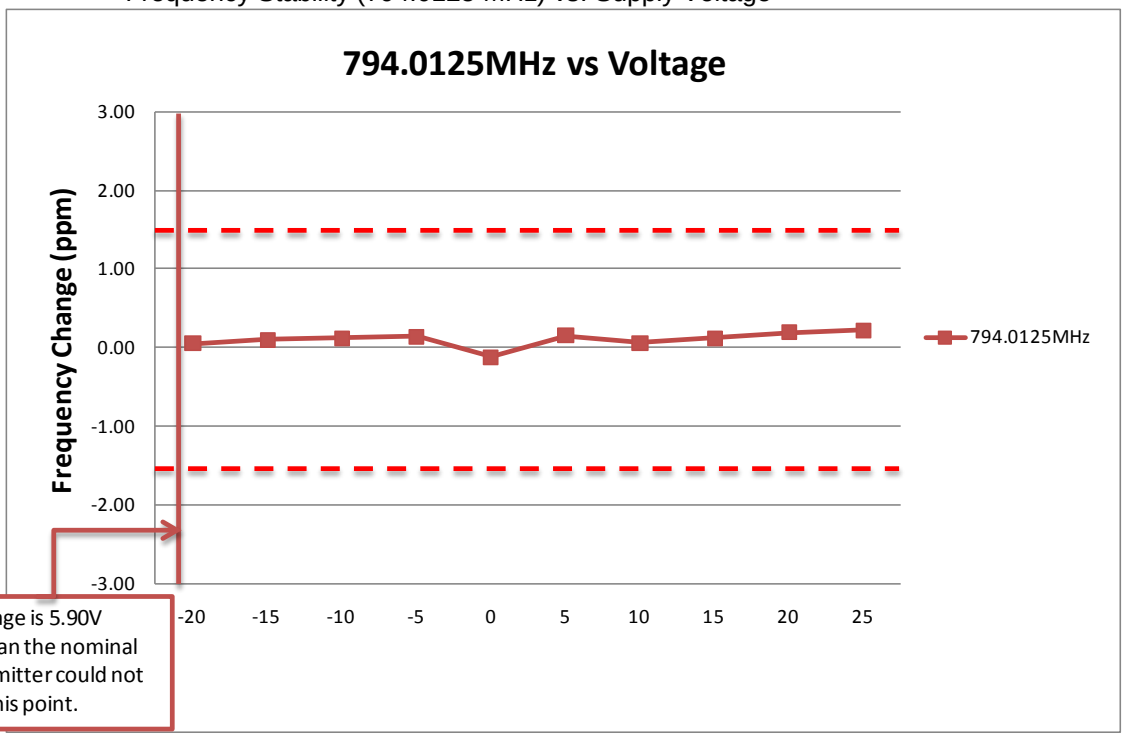


Exhibit 6J-2

Frequency Stability (768.0125 MHz) vs. Supply Voltage

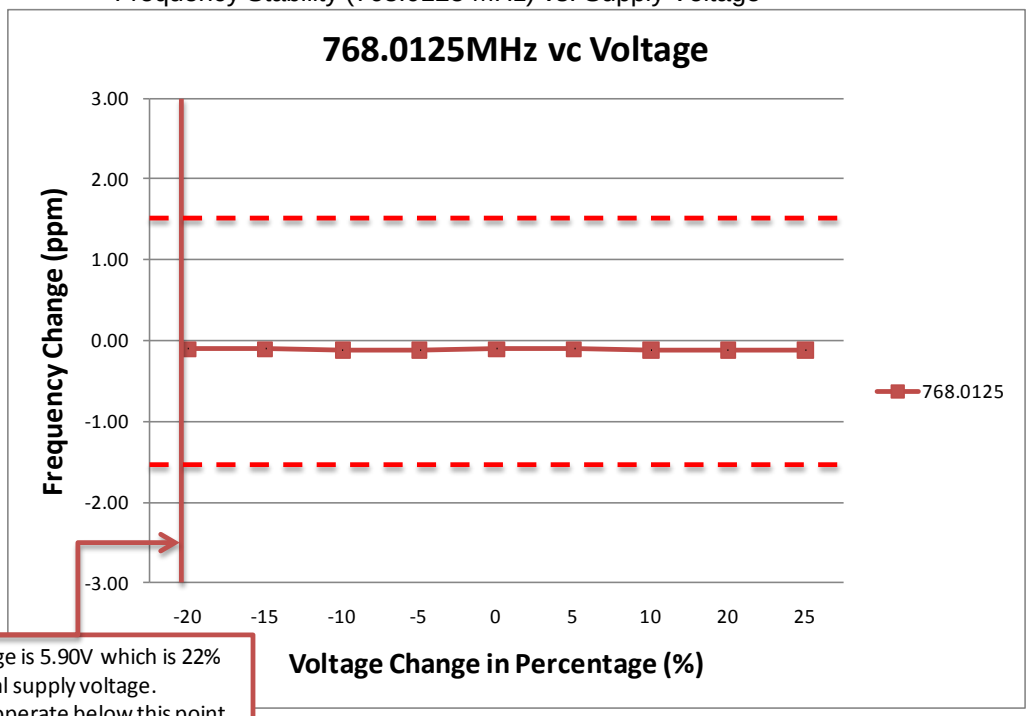


Exhibit 6J-3 *(Not for FCC Review)*

Frequency Stability (798.9875 MHz) vs. Supply Voltage

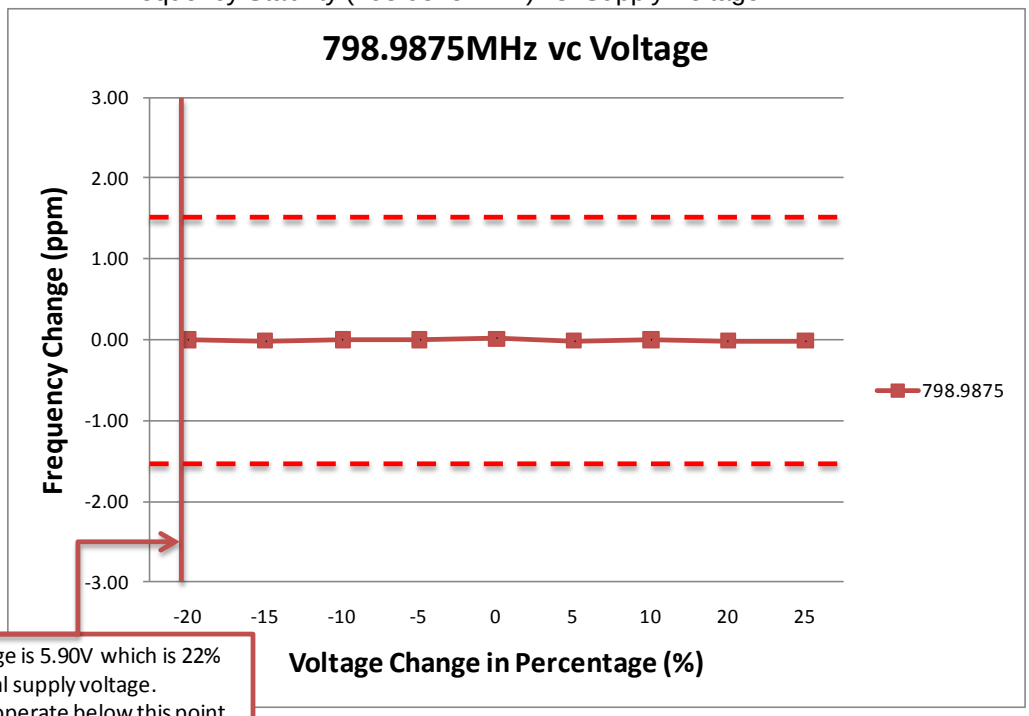
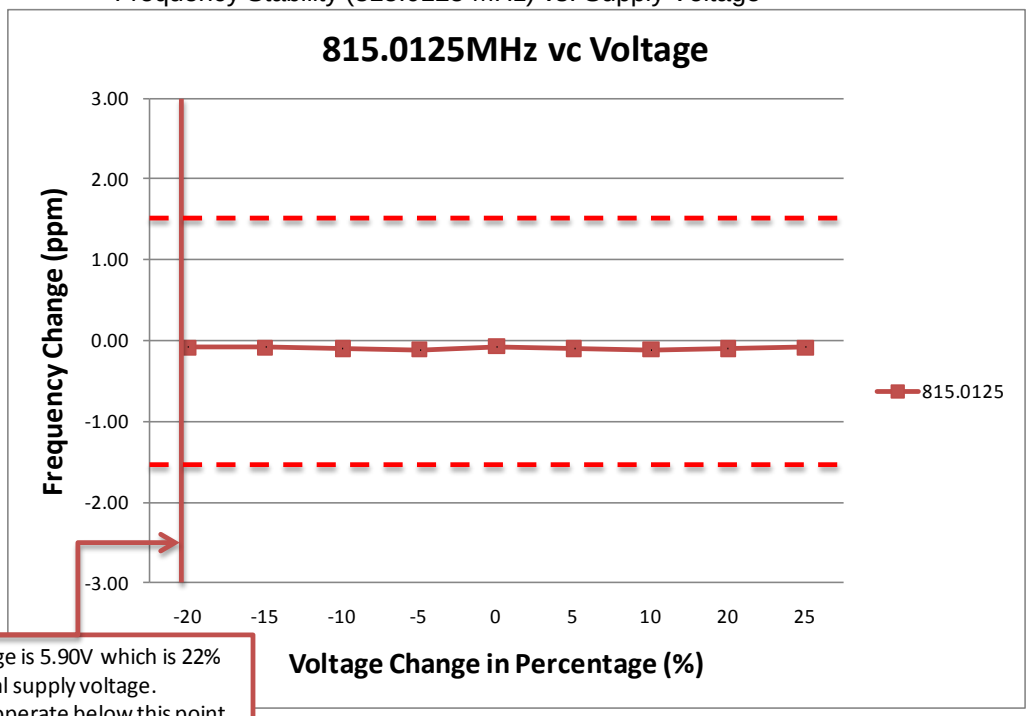


Exhibit 6J-4 *(Not for FCC Review)*

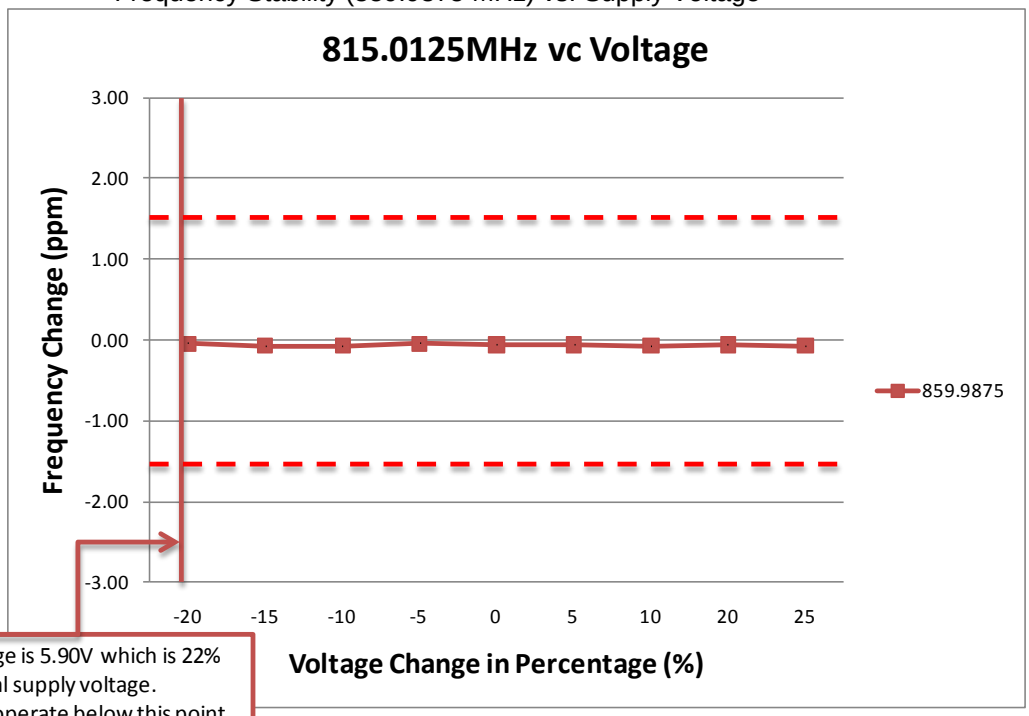
Frequency Stability (815.0125 MHz) vs. Supply Voltage



Minimum supply voltage is 5.90V which is 22% below than the nominal supply voltage. Transmitter could not operate below this point

Exhibit 6J-5

Frequency Stability (859.9875 MHz) vs. Supply Voltage



Minimum supply voltage is 5.90V which is 22% below than the nominal supply voltage. Transmitter could not operate below this point

Exhibit 6J-6

Frequency Stability (764.0125 MHz) vs. Temperature

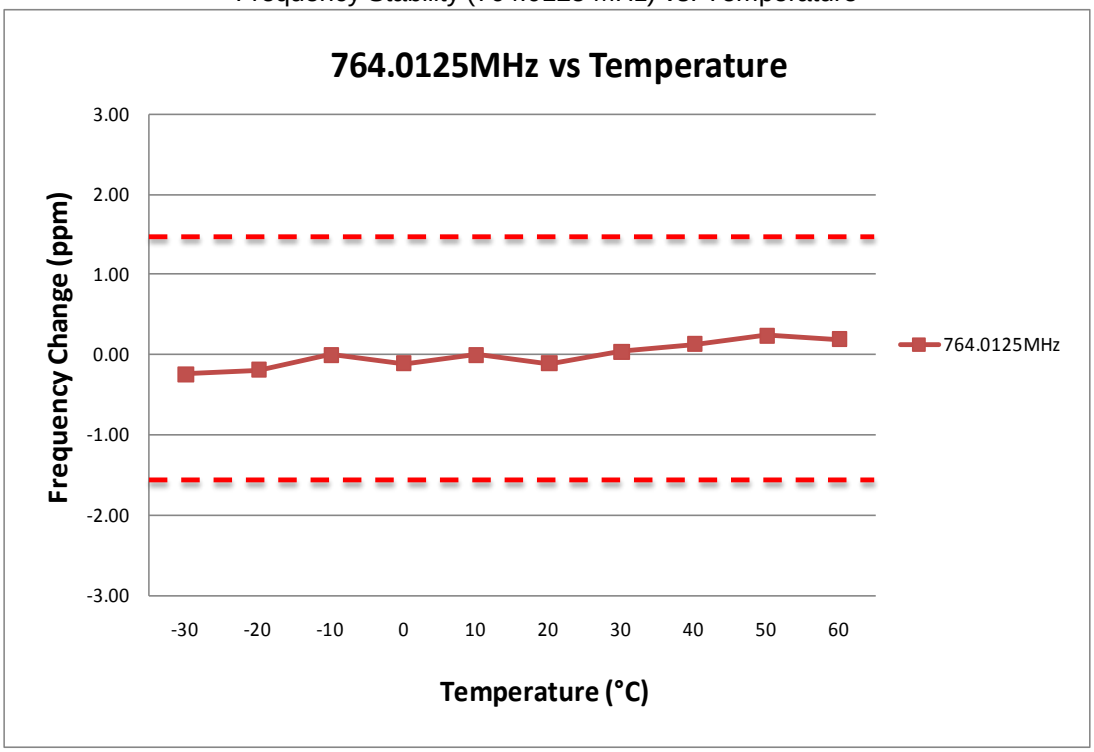


Exhibit 6J-7

Frequency Stability (794.0125 MHz) vs. Temperature

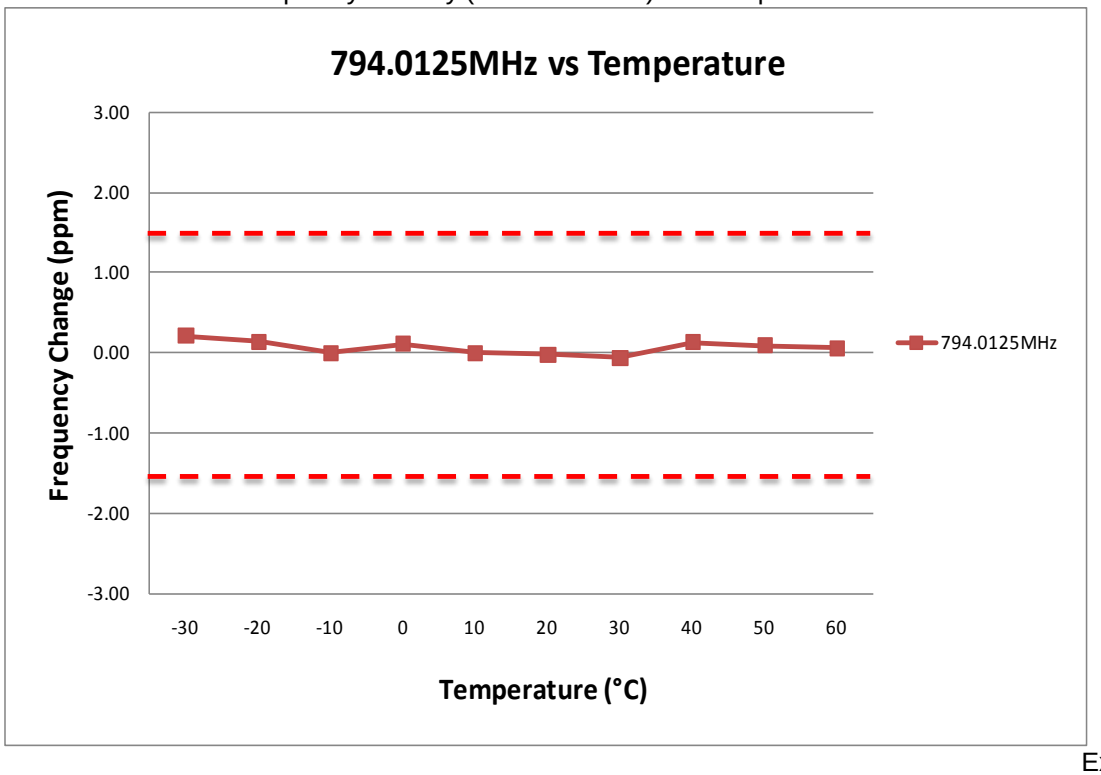


Exhibit 6J-8

Frequency Stability (768.0125 MHz) vs. Temperature

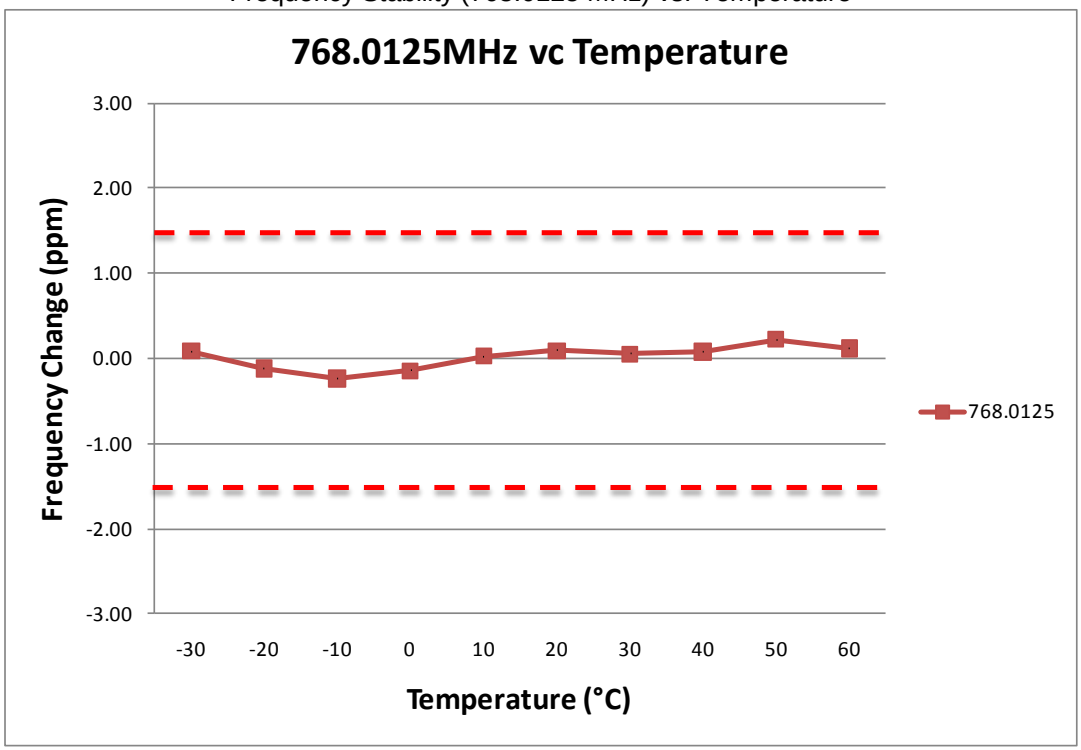


Exhibit 6J-9 *(Not for FCC Review)*

Frequency Stability (798.9875 MHz) vs. Temperature

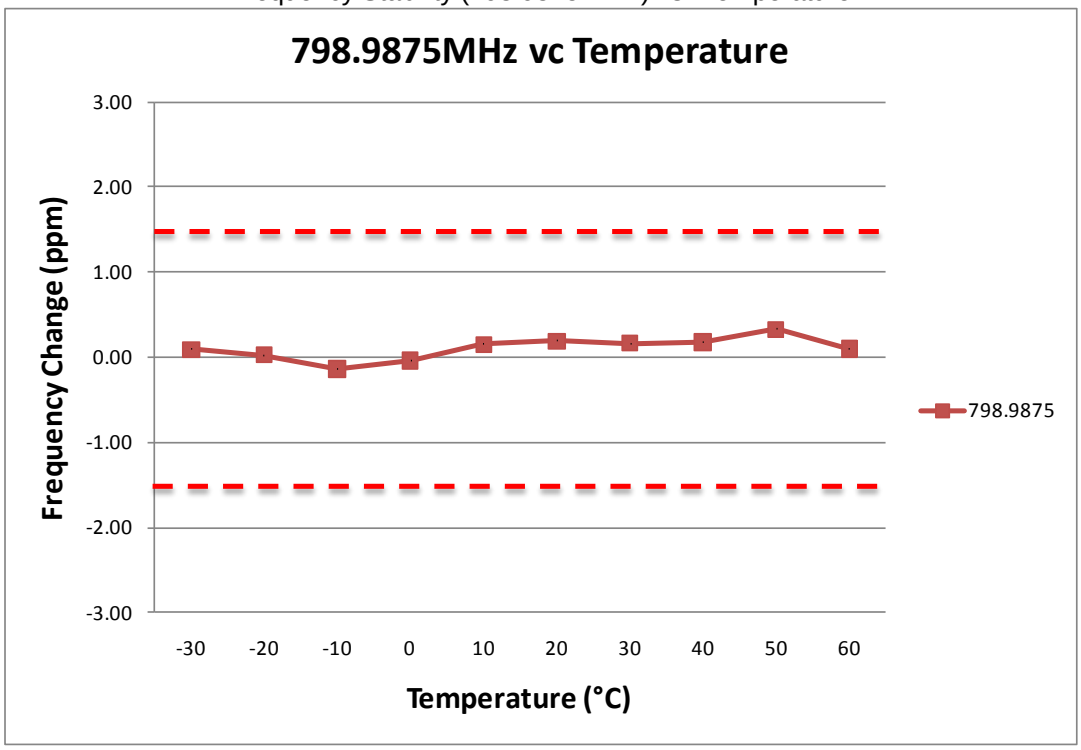


Exhibit 6J-10 *(Not for FCC Review)*

Frequency Stability (815.0125 MHz) vs. Temperature

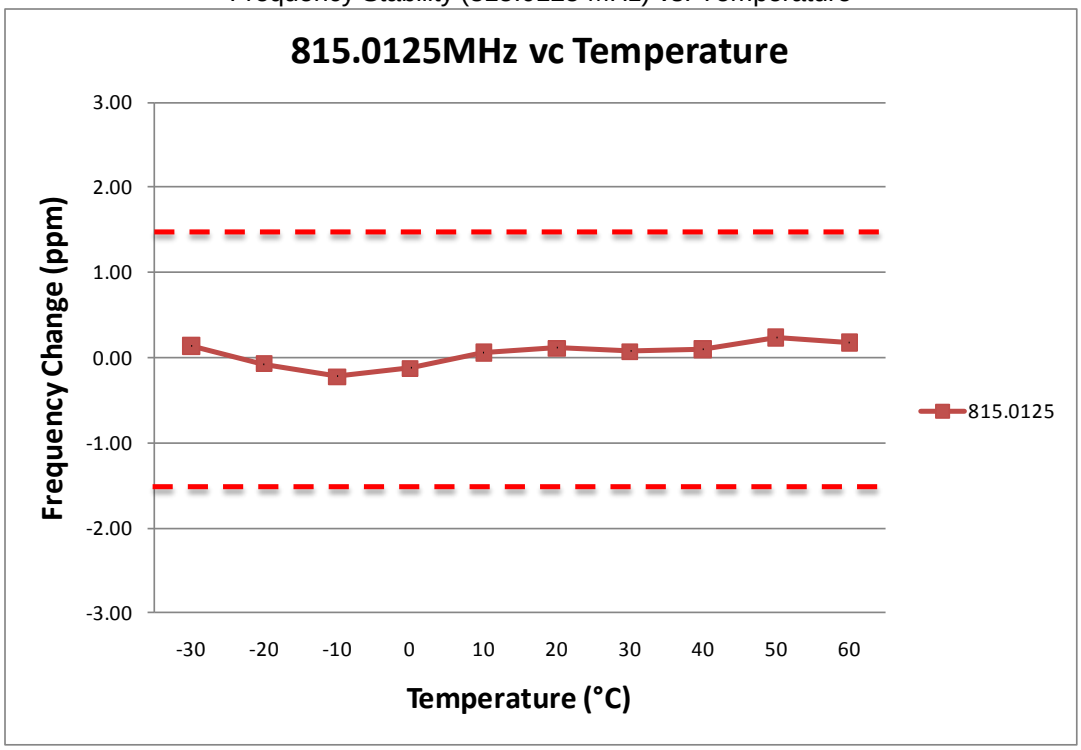


Exhibit 6J-11

Frequency Stability (859.9875 MHz) vs. Temperature

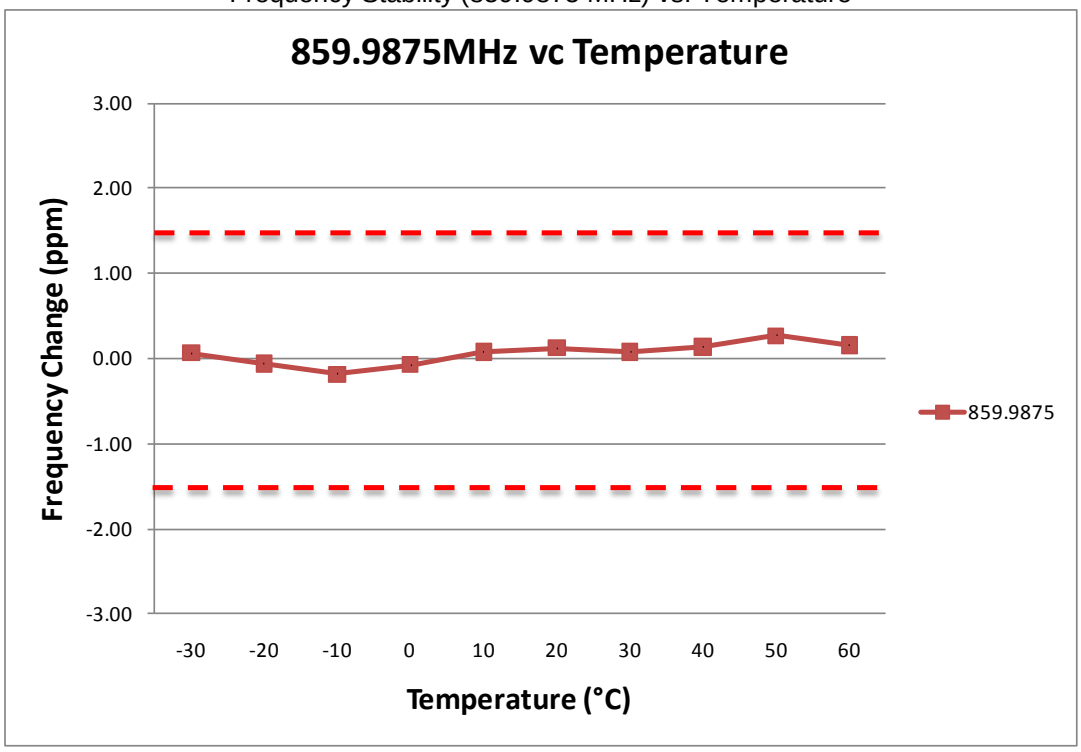


Exhibit 6J-12