EXHIBIT #6

Test Report

FCC: Pursuant 2.1033 (c), 90, 80, 74, 22
IC: RSS-Gen, RSS-119, and RSS-182

Submitted Measured Data

	MEASUREMENT	EXHIBIT	PAGE NUMBER
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2.	Audio Frequency Response	6B	4
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9.	Frequency Stability	6I	279
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Note: Data was tested to show compliance to RSS-102, RSS-119, RSS-182, and RSS-210.

Exhibit 6A

RF Output Power (conducted)

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

APX8000 V/U/7-800 MHz

TIA-603, TX Output Power and TX DC Current

(Nominal DC Voltage 7.5V, Primary Supply Voltage 7.5V, Temp 25°C)

	Low Power Readings		Max Power Readings	
Frequency MHz	Output Power (W)	Current (A)	Output Power (W)	Current (A)
136.025	1.0	1.123	6.6	2.283
138.0125	1.0	1.110	6.6	2.267
158.55	1.0	1.063	6.6	2.129
161.7	1.0	1.061	6.6	2.139
173.3875	1.0	1.074	6.6	2.184
380.0125	1.0	1.058	5.7	2.134
406.2	1.0	1.037	5.7	2.090
450.025	1.0	1.042	5.7	2.145
459.125	1.0	1.034	5.7	2.155
467.775	1.0	1.029	5.7	2.166
469.9875	1.0	1.032	5.7	2.176
511.9875	1.0	1.006	5.7	2.422
519.9875	1.0	1.202	5.7	2.422
764.0125	1.0	1.225	2.99	1.910
768.0125	1.0	1.223	2.99	1.894
769.0125	1.0	1.217	2.0	1.896
775.9875	1.0	1.204	2.99	1.865
798.0125	1.0	1.142	2.99	1.758
804.9125	1.0	1.128	2.99	1.721
805.9875	1.0	1.115	2.99	1.721
806.0125	1.0	1.152	3.6	1.923
823.9875	1.0	1.110	3.6	1.868
868.8875	1.0	0.974	3.6	1.763

Exhibit 6B

Audio Frequency Response

Equipment under test: H91TGD9PW7AN S/N: KT000006A01MK4KA12K7

Measurement Criteria **Compliance Testing**
Audio Frequency Response

Measurement Lab ATE P25 Compliance Lab
8000 West Sunrise Blvd
Fort Lauderdale FL, 33322

Results Summary: EUT meets the test requirements

Test Configurations: Audio Frequency Response @ 12.5 kHz channel spacing Frequency: 158.55 MHz, 467.775 MHz, 769.0875 MHz, and 823.9875 MHz. Audio Frequency Response @ 25 kHz channel spacing Frequency: 158.55 MHz, 511.9875 MHz, 769.0875 MHz, and 823.9875 MHz.

Freq: 158.55 MHz, Ch Sp: 12.5 kHz

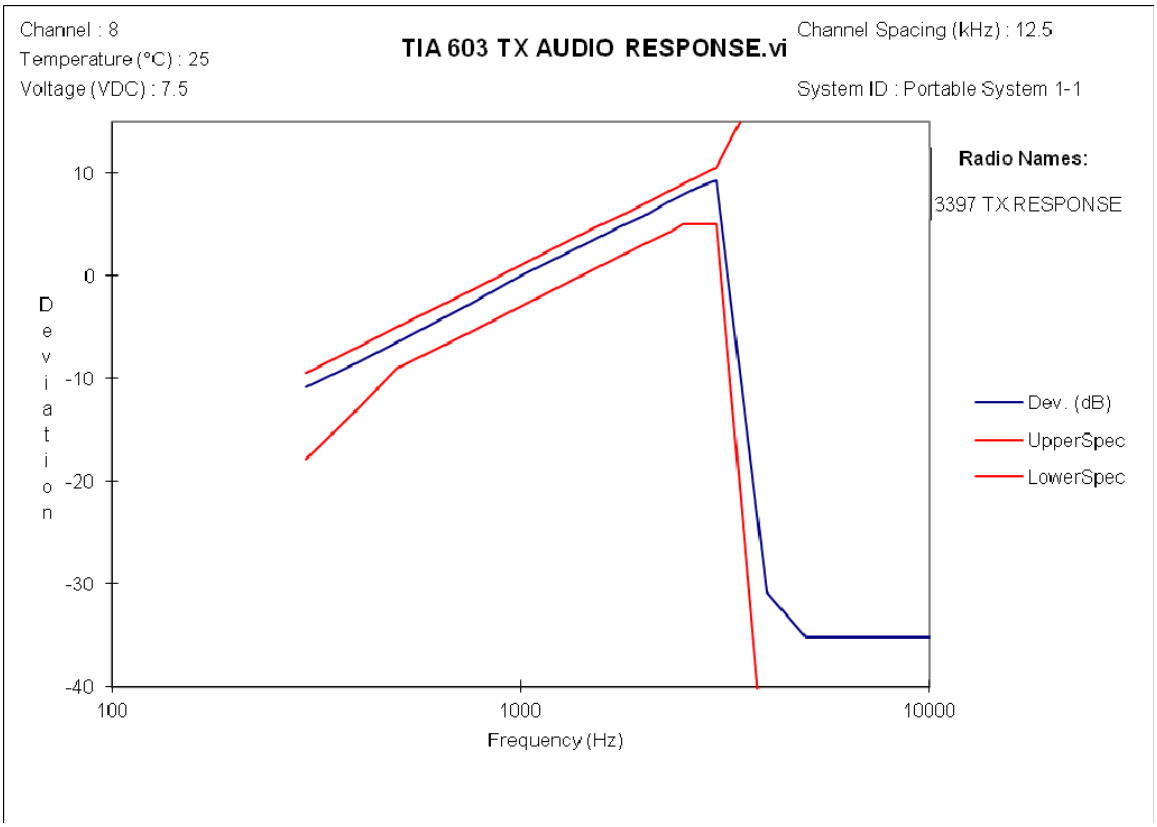


Exhibit 6B- 1

Freq: 158.55 MHz, Ch Sp: 25 kHz

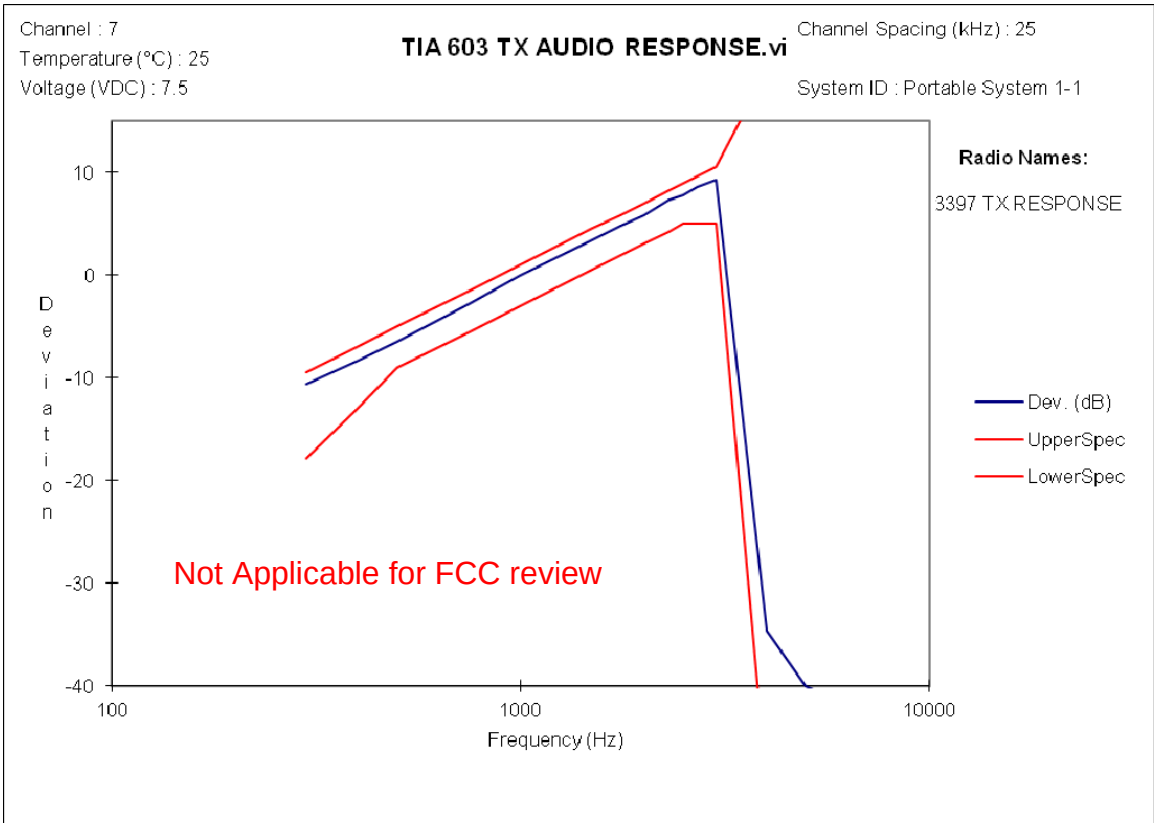


Exhibit 6B- 2

Freq: 467.775 MHz, Ch Sp: 12.5 kHz

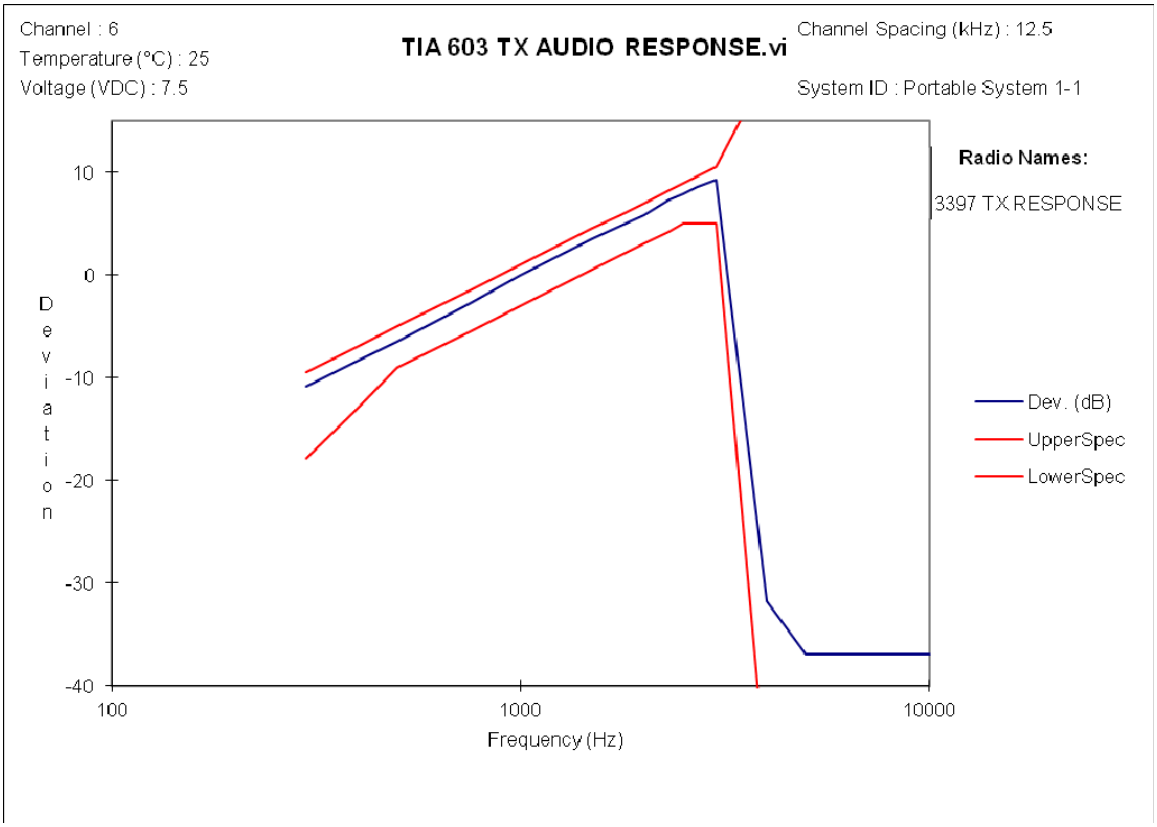


Exhibit 6B- 3

Freq: 511.9875 MHz, Ch Sp: 25 kHz

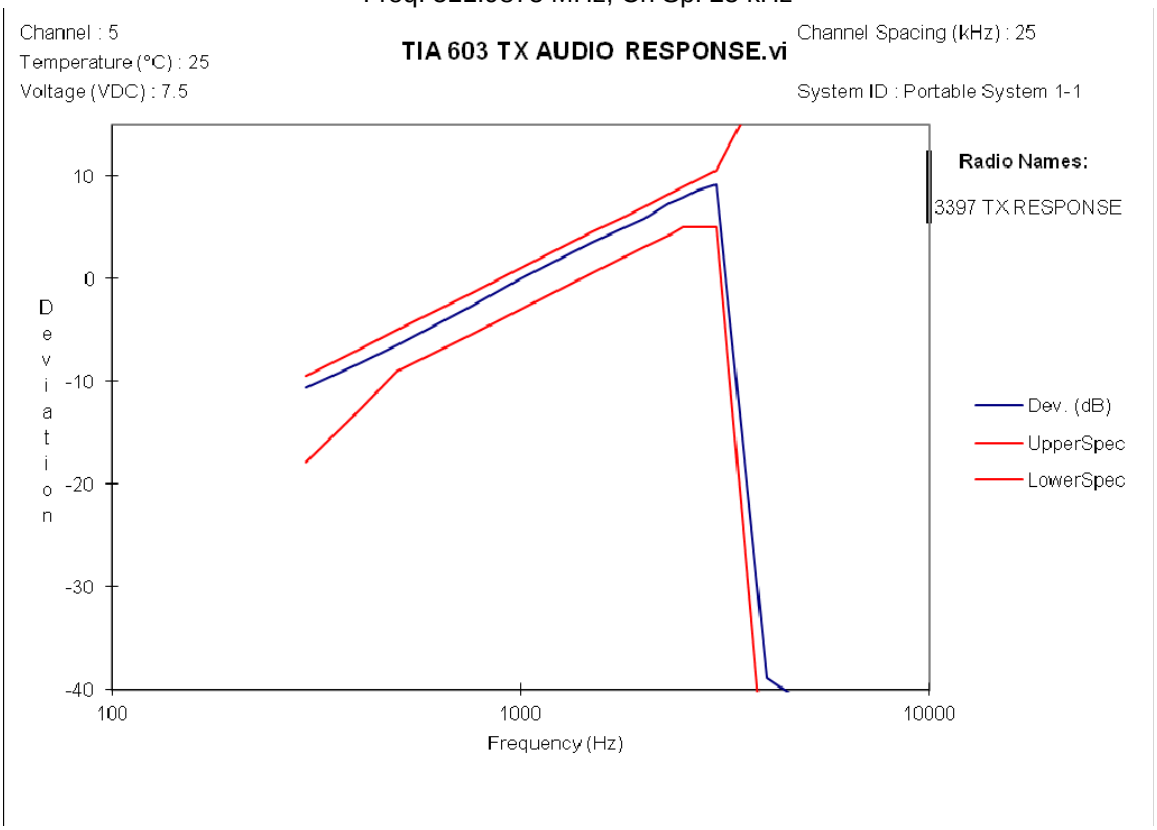


Exhibit 6B- 4

Freq: 769.0875 MHz, Ch Sp: 12.5 kHz

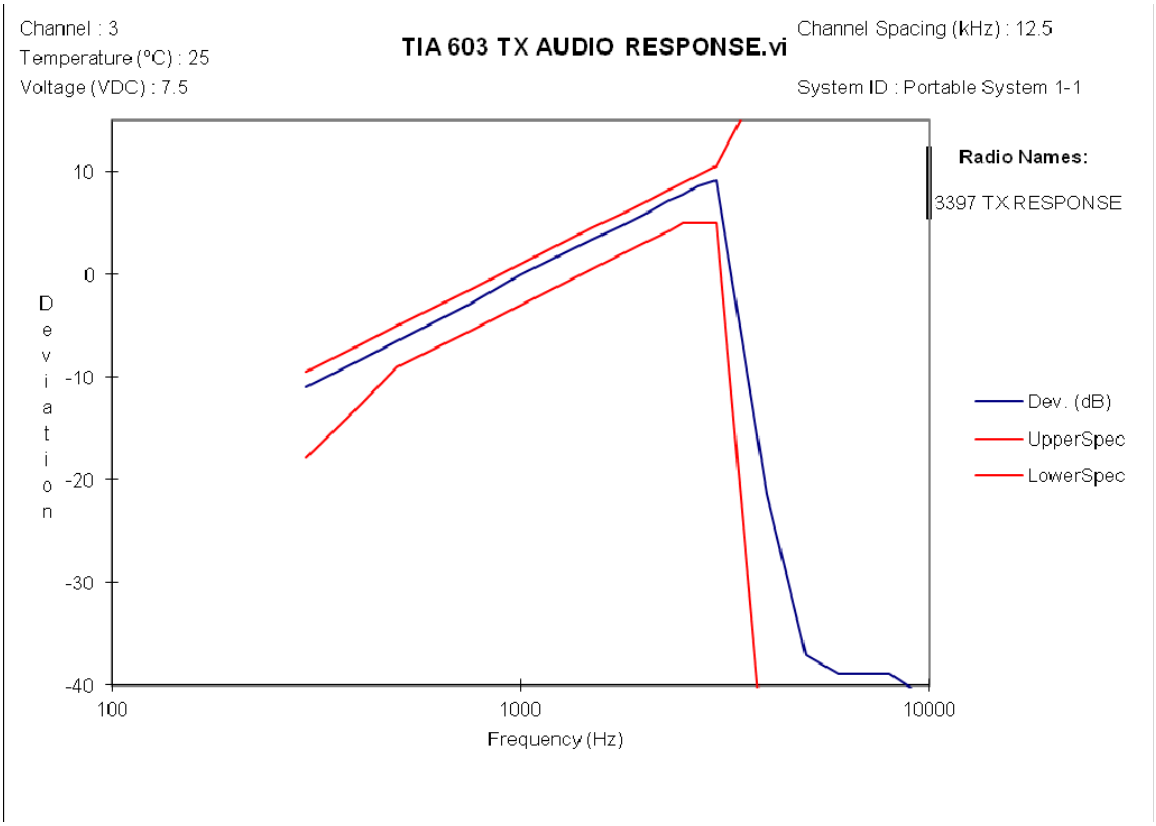


Exhibit 6B- 5

Freq: 769.0875 MHz, Ch Sp: 25 kHz

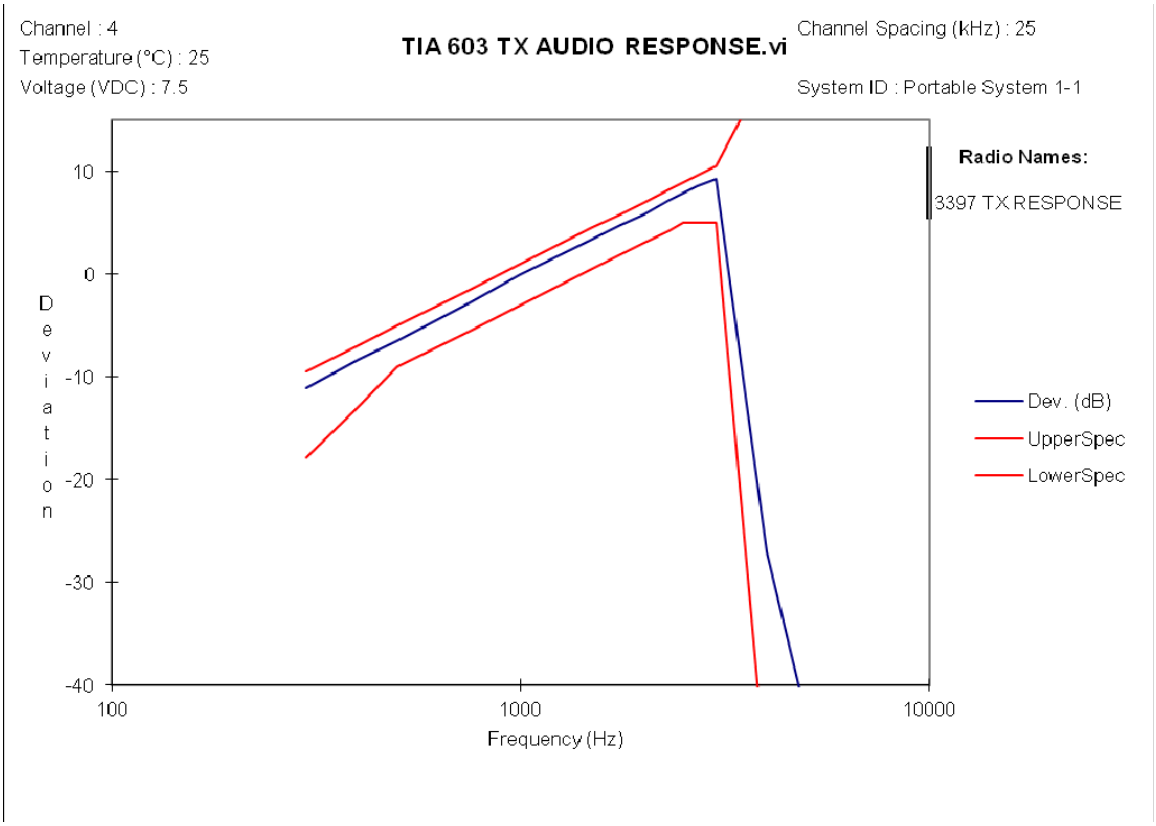


Exhibit 6B- 6

Freq: 823.9875 MHz, Ch Sp: 12.5 kHz

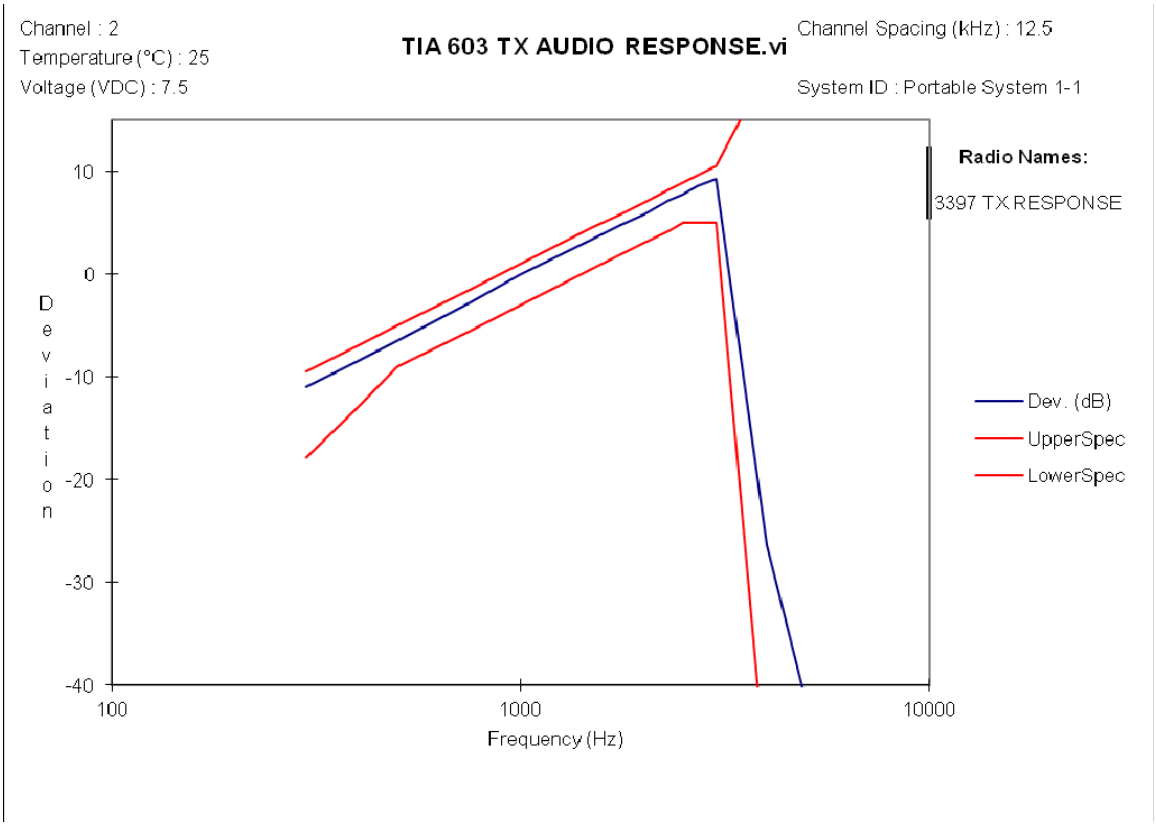


Exhibit 6B- 7

Freq: 823.9875 MHz, Ch Sp: 25 kHz

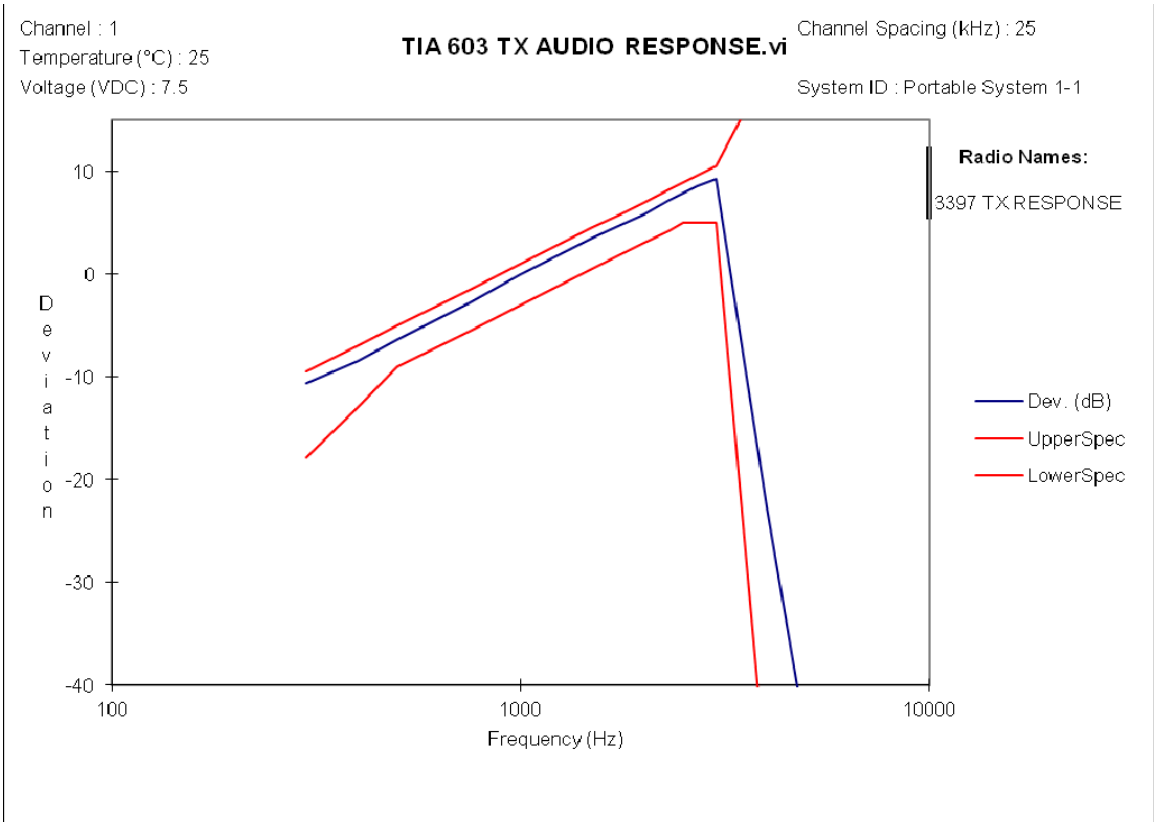


Exhibit 6B- 8

Exhibit 6C

Low Pass Filter Response

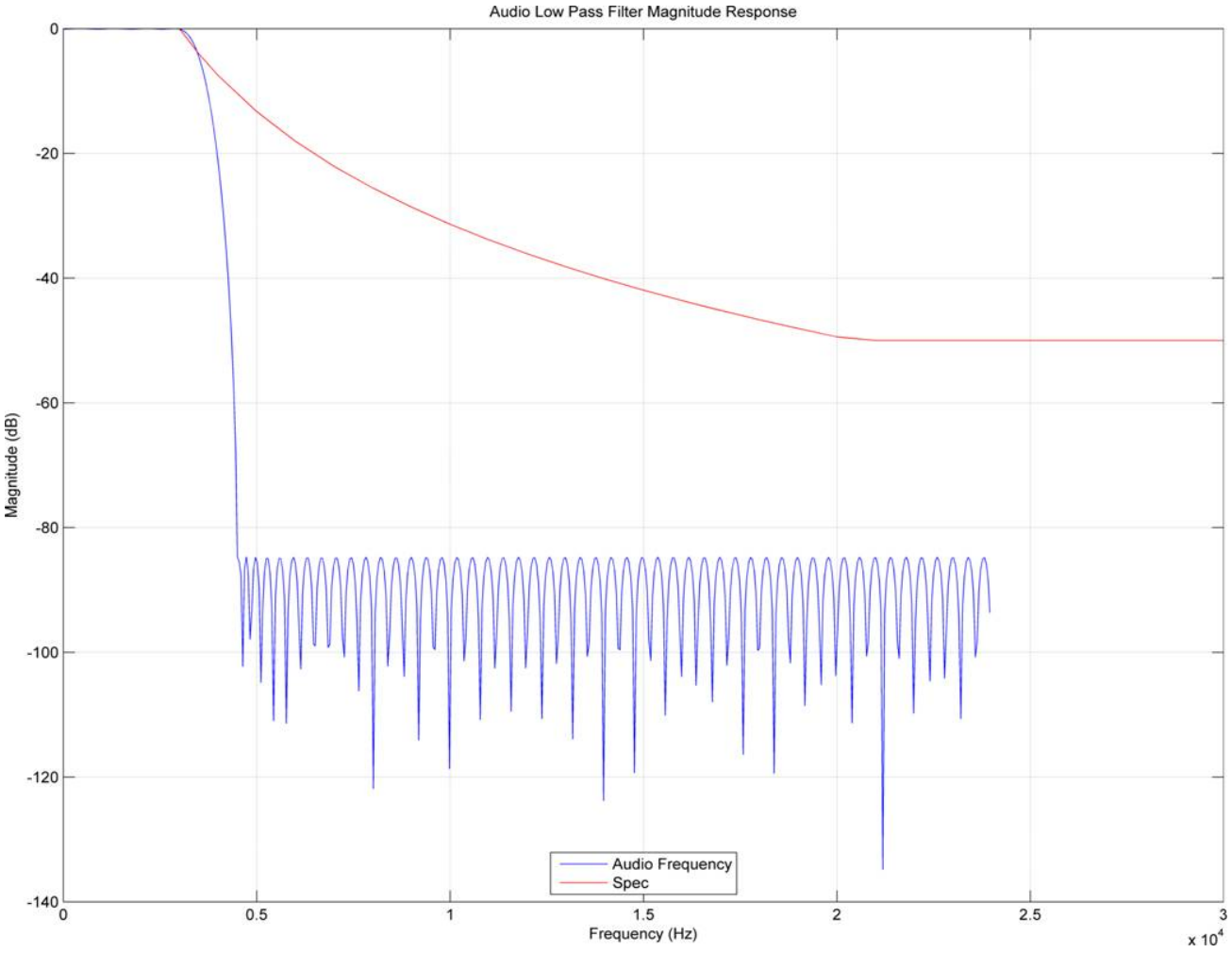


Exhibit 6D

Modulation Limiting

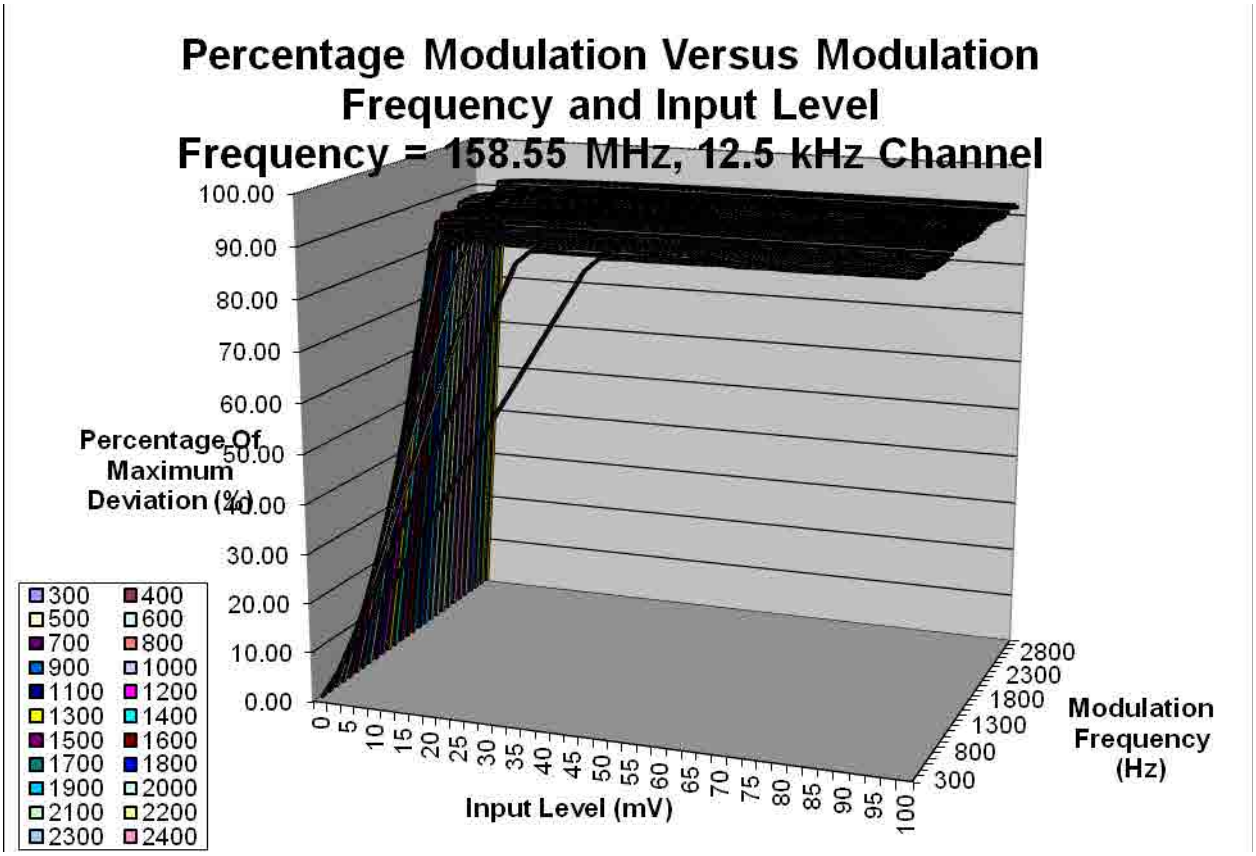


Exhibit 6D- 1
The Percentage of Maximum Deviation on the "Z" axis is referenced to 2.5 kHz for 12.5 kHz bandwidth

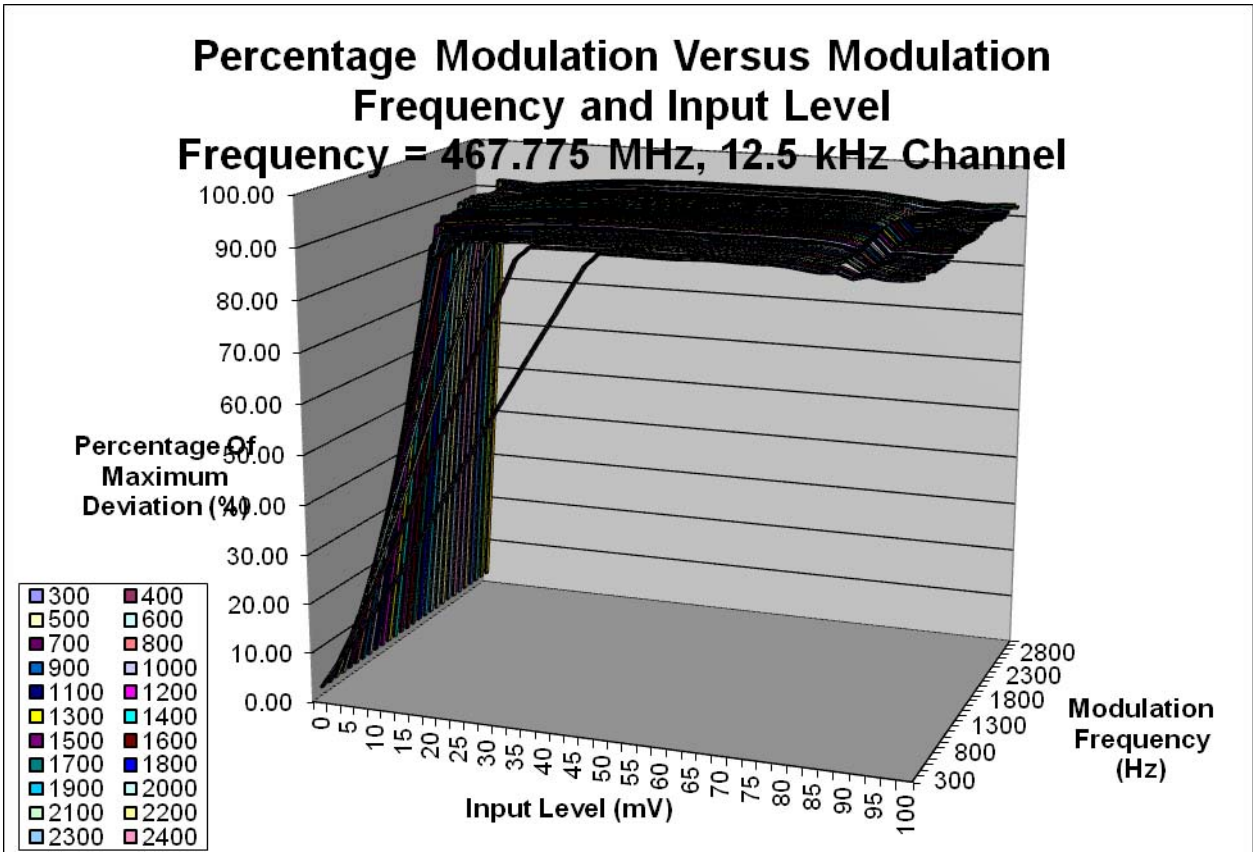


Exhibit 6D- 2
The Percentage of Maximum Deviation on the "Z" axis is referenced to 2.5 kHz for 12.5 kHz bandwidth

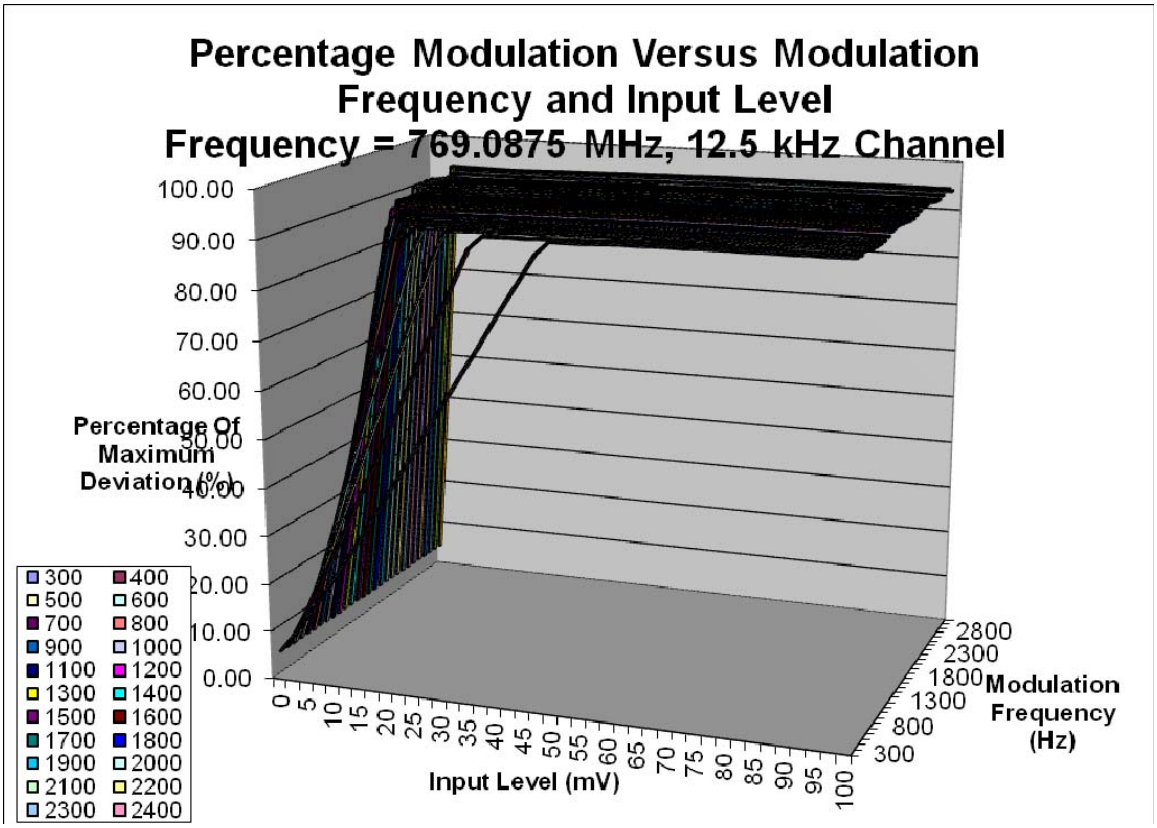


Exhibit 6D- 3

The Percentage of Maximum Deviation on the “Z” axis is referenced to 2.5 kHz for 12.5 kHz bandwidth

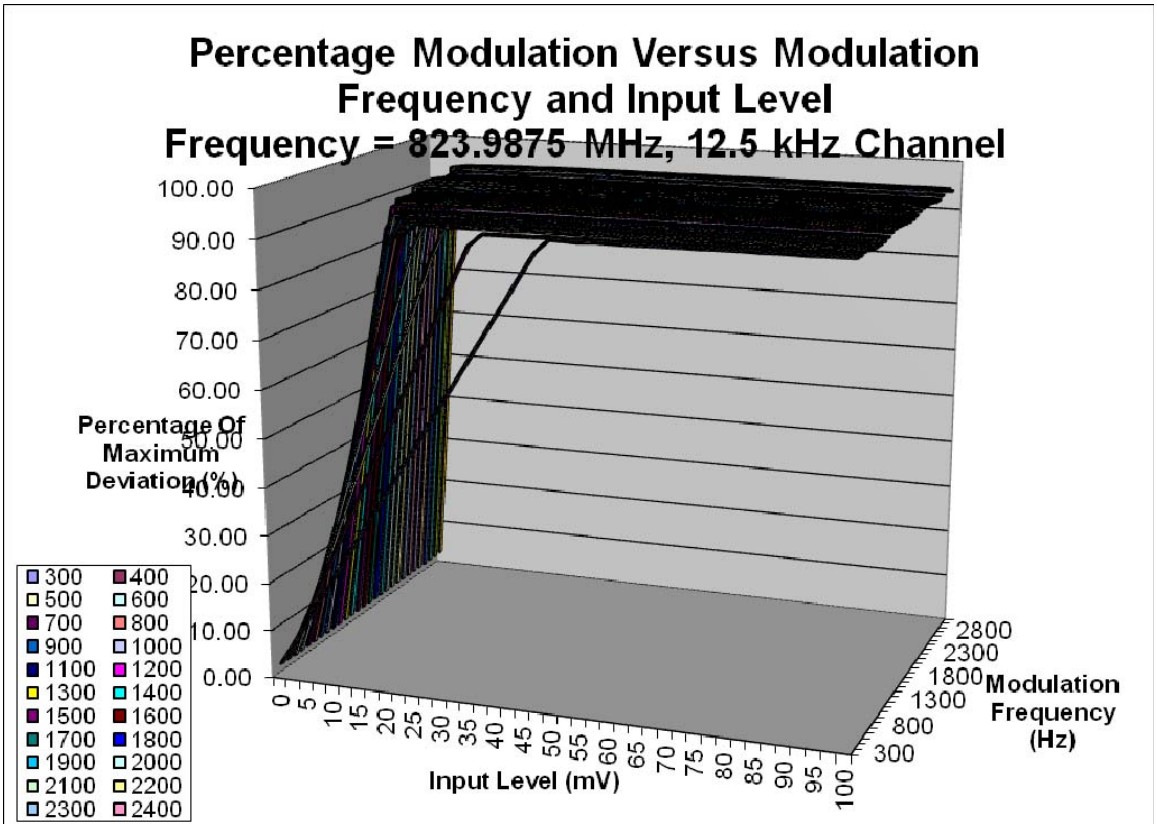


Exhibit 6D- 4

The Percentage of Maximum Deviation on the “Z” axis is referenced to 2.5 kHz for 12.5 kHz bandwidth

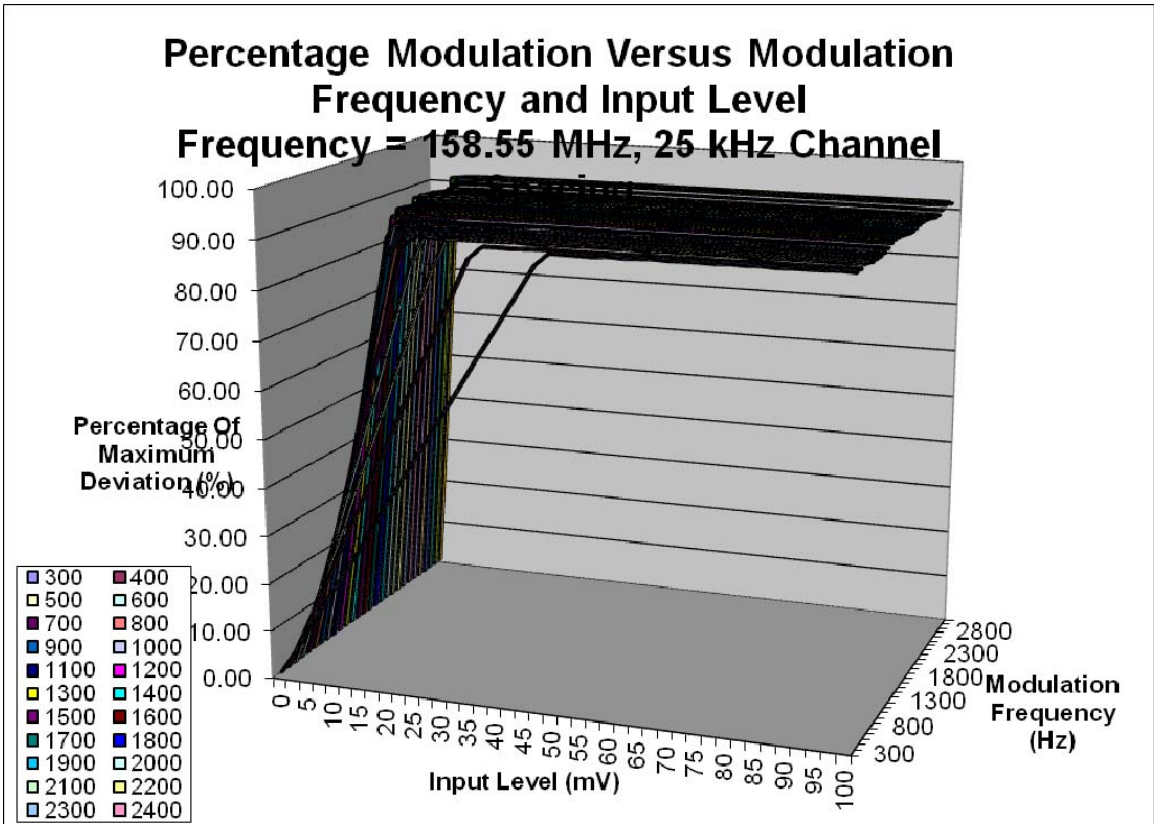


Exhibit 6D- 5

The Percentage of Maximum Deviation on the “Z” axis is referenced to 5.0 kHz for 25 kHz bandwidth

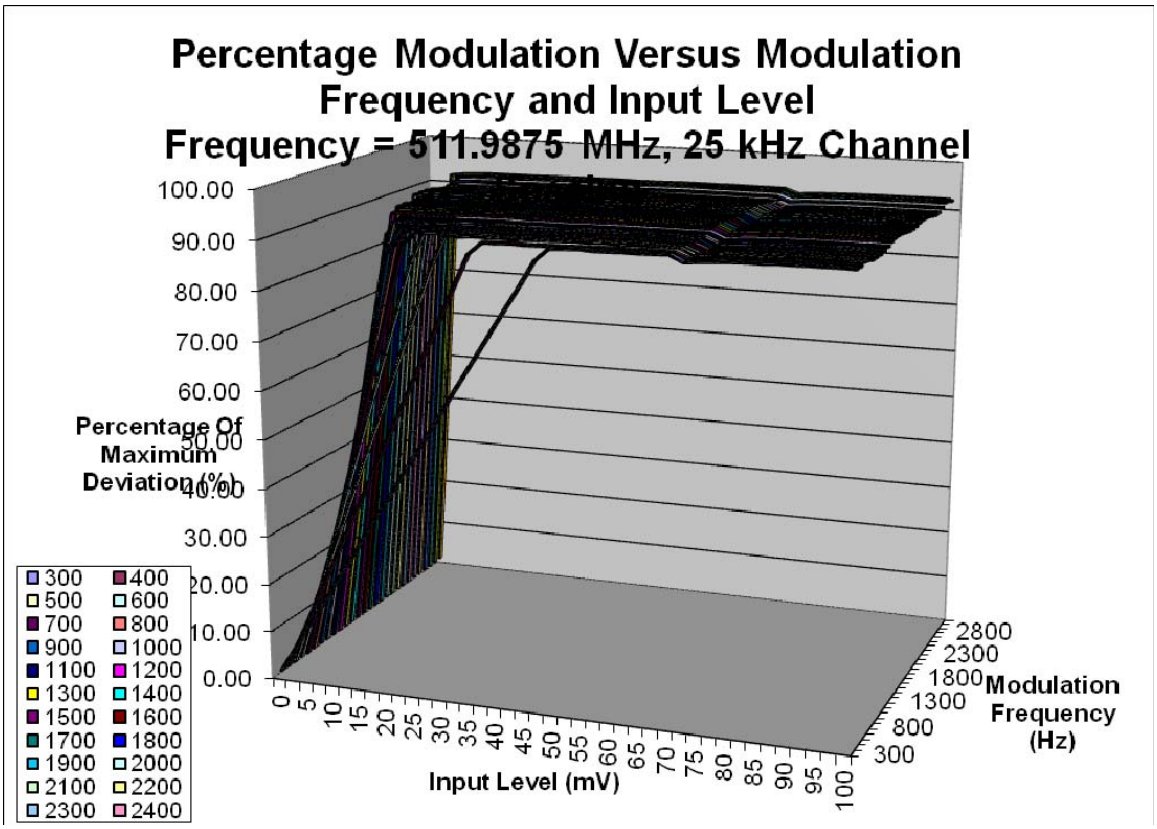


Exhibit 6D- 6

The Percentage of Maximum Deviation on the “Z” axis is referenced to 5.0 kHz for 25 kHz bandwidth

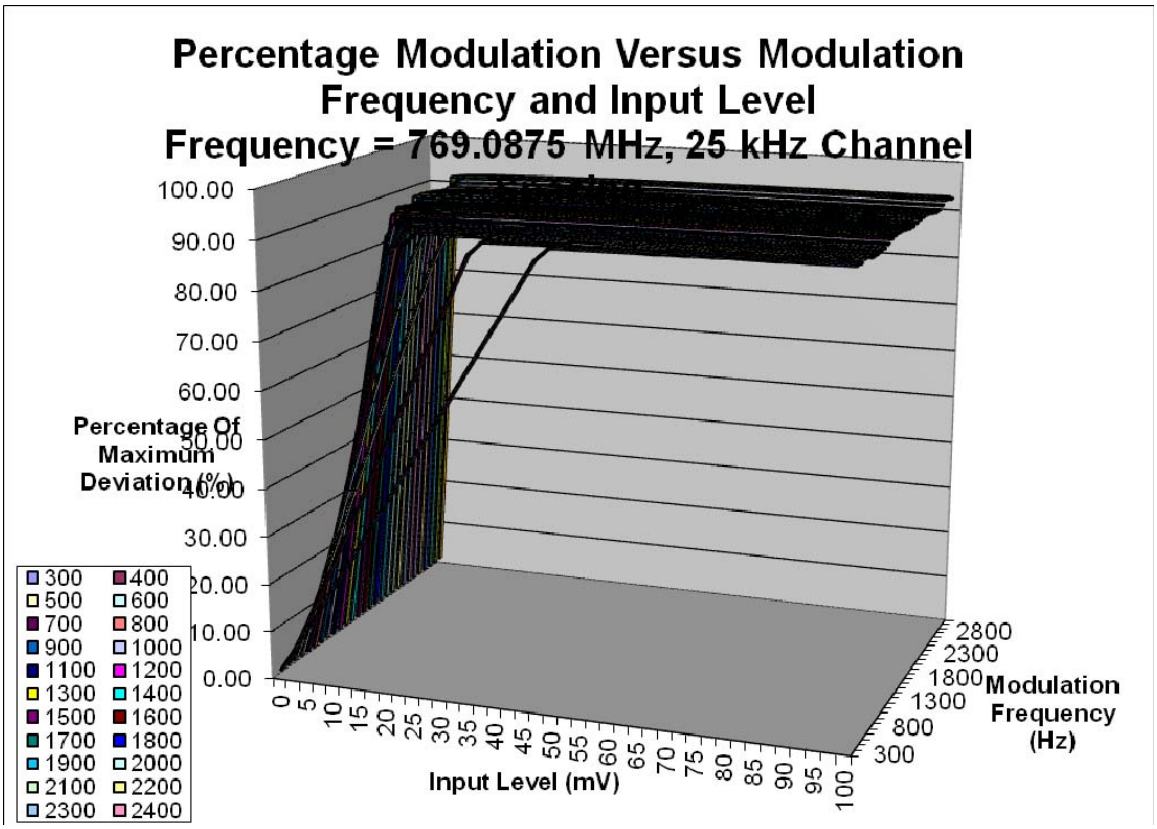


Exhibit 6D- 7

The Percentage of Maximum Deviation on the “Z” axis is referenced to 5.0 kHz for 25 kHz bandwidth

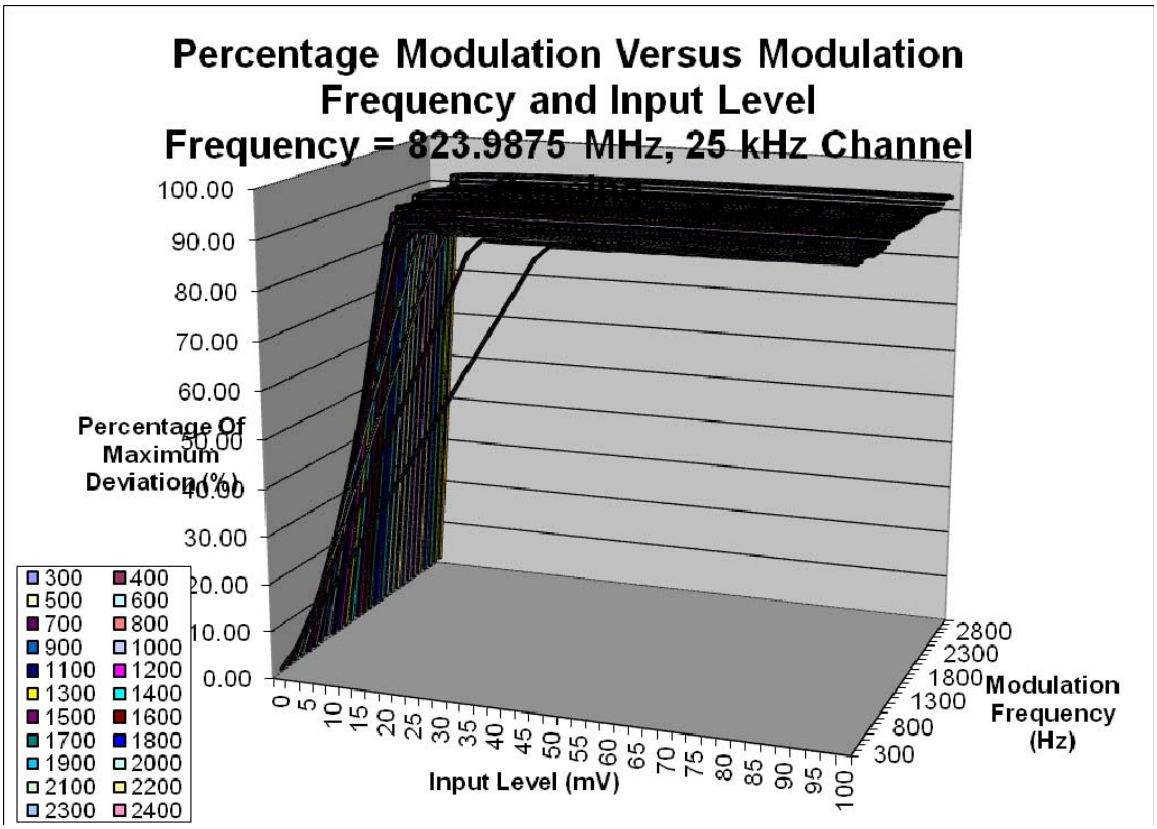


Exhibit 6D- 8

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

Exhibit 6E

Occupied Bandwidth

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: AZ489FT7061.

Standard Audio Modulation (12.5 kHz Channelization, Analog Voice):
Emission Designator 11K0F3E

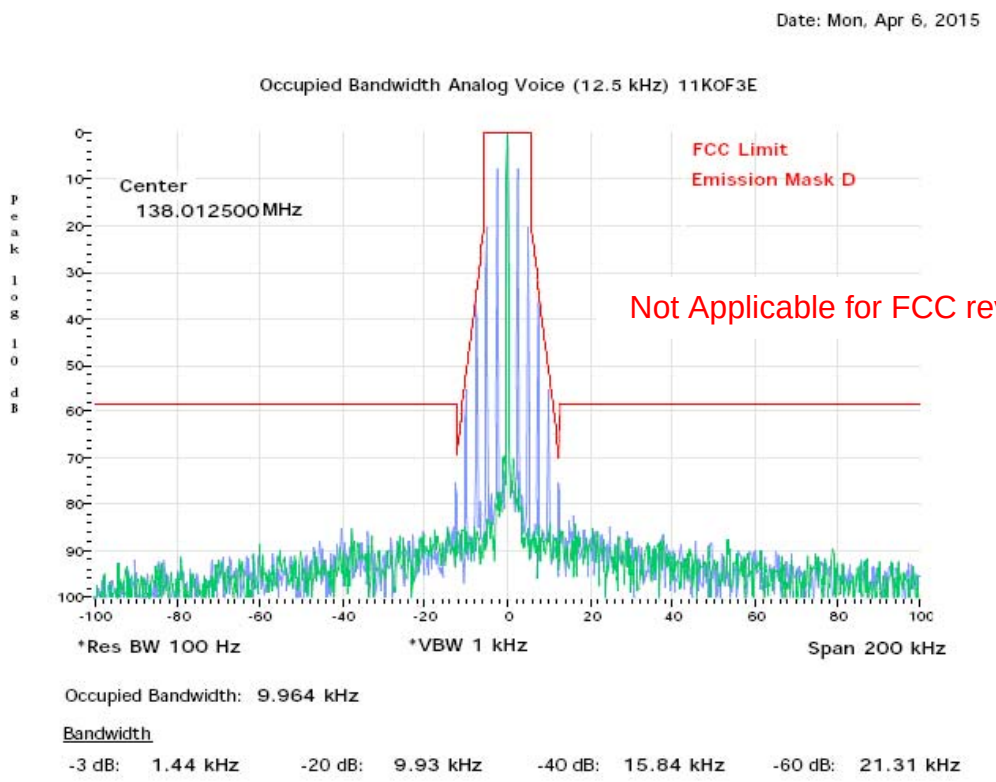
In this case, the maximum modulating frequency is 3.0 kHz with a 2.5 kHz deviation.

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.

*Note: Transmit frequency range 809-824 MHz and 854-869 MHz require mask 90.691. Mask 90.691 is same as mask G.

Exhibit 6E- 1 Frequency = 138.0125 MHz



Not Applicable for FCC review

Exhibit 6E- 2 Frequency = 158.55 MHz

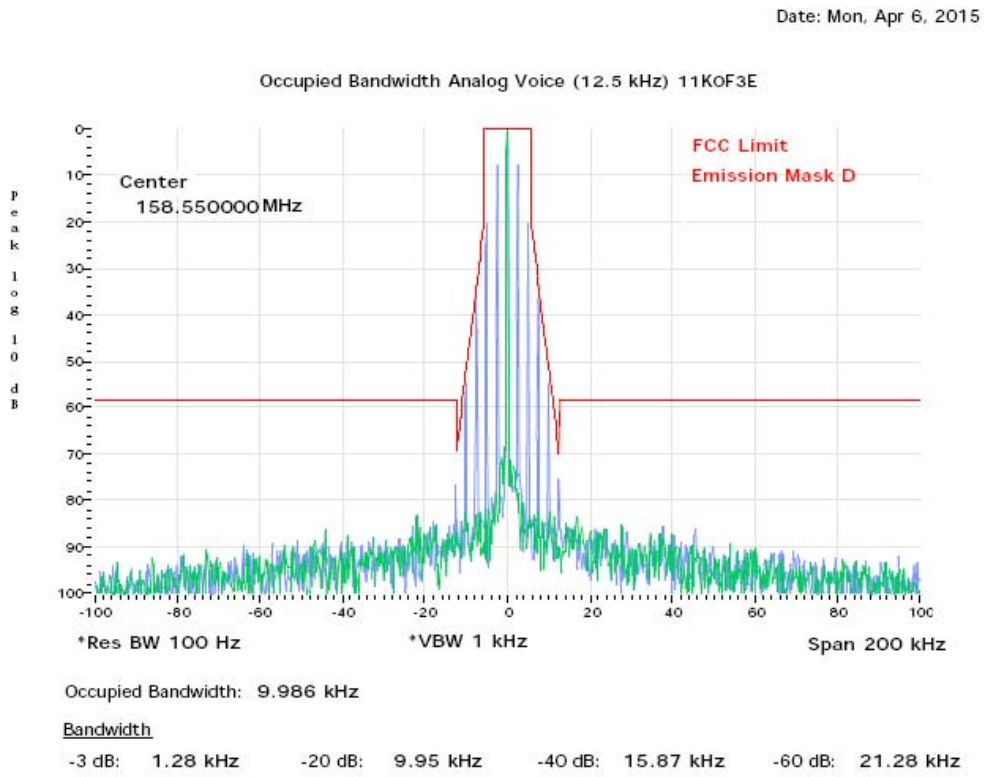


Exhibit 6E- 3 Frequency = 173.3875 MHz

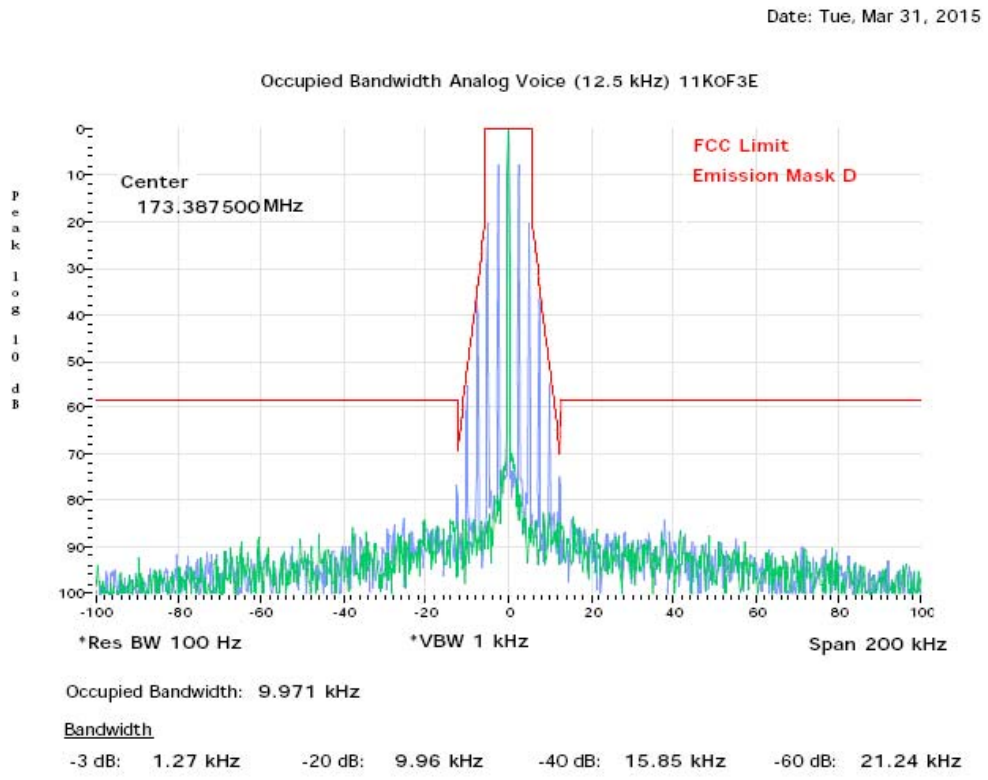


Exhibit 6E- 4 Frequency = 406.2 MHz

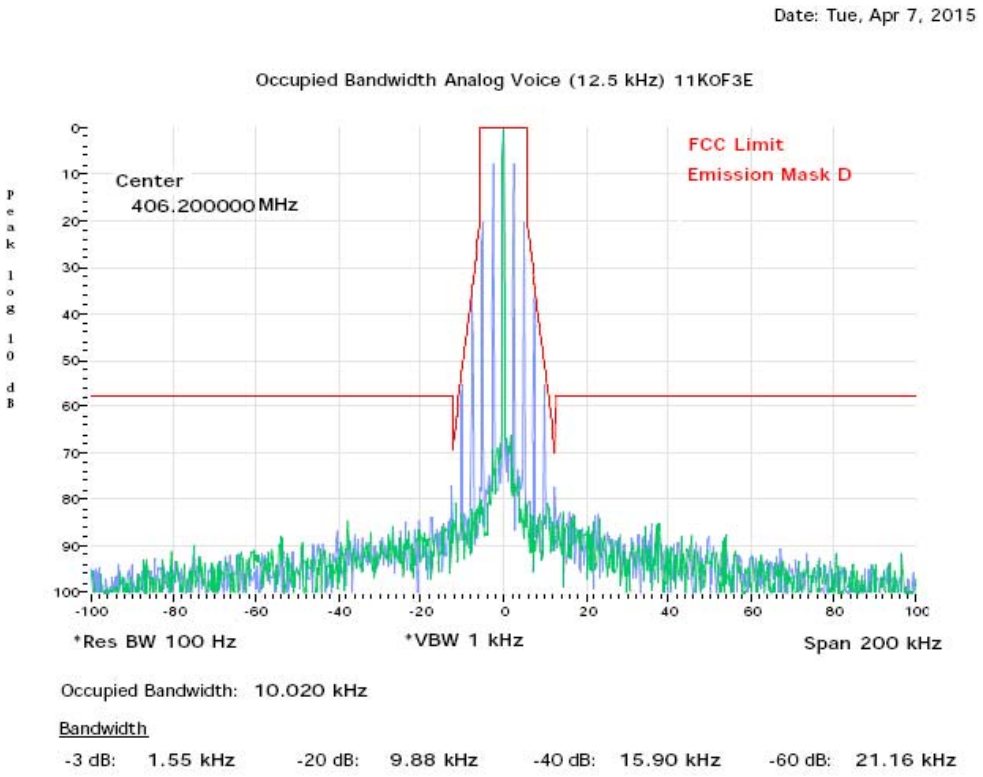


Exhibit 6E- 5 Frequency = 450.025 MHz

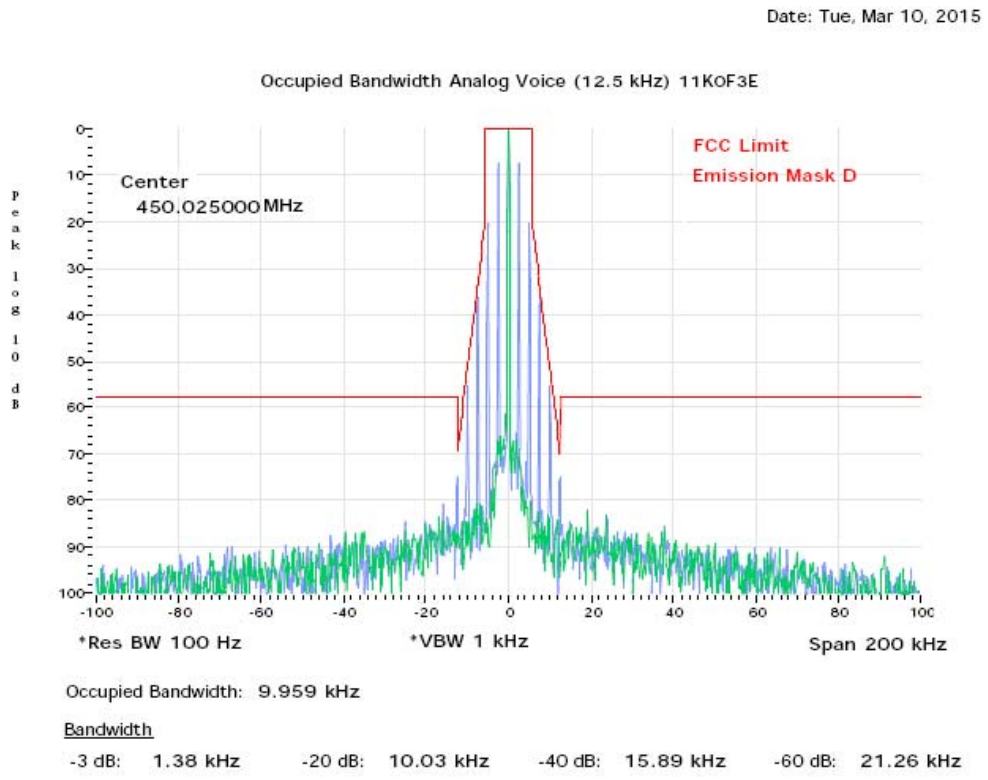


Exhibit 6E- 6 Frequency = 469.9875 MHz

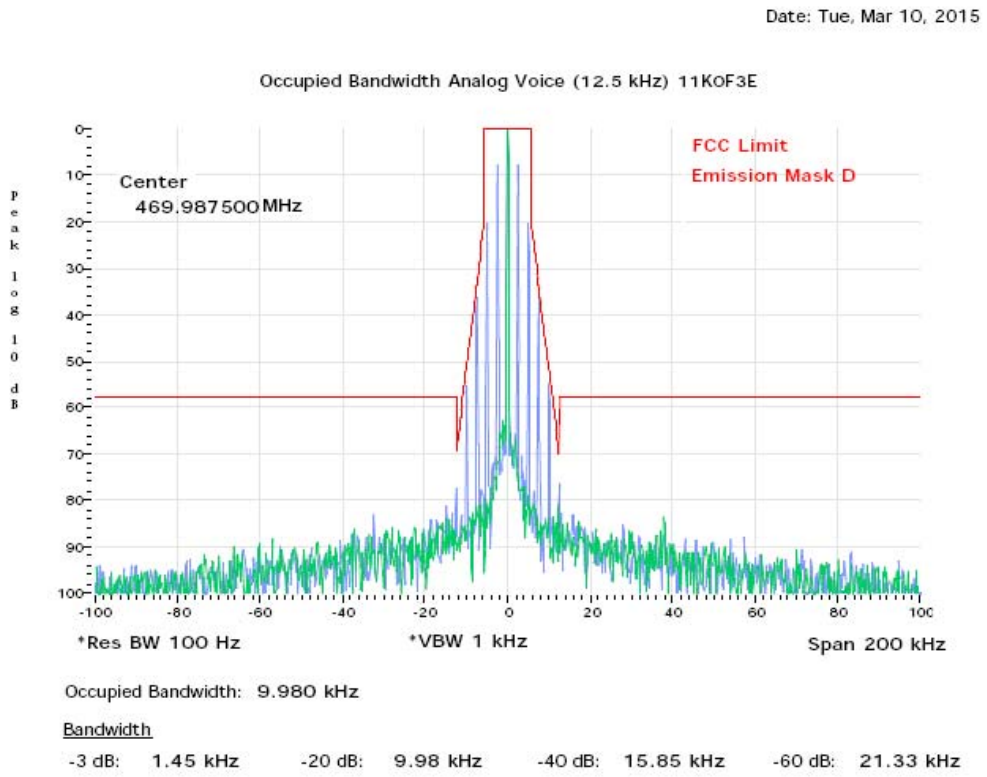


Exhibit 6E- 7 Frequency = 806.0125 MHz

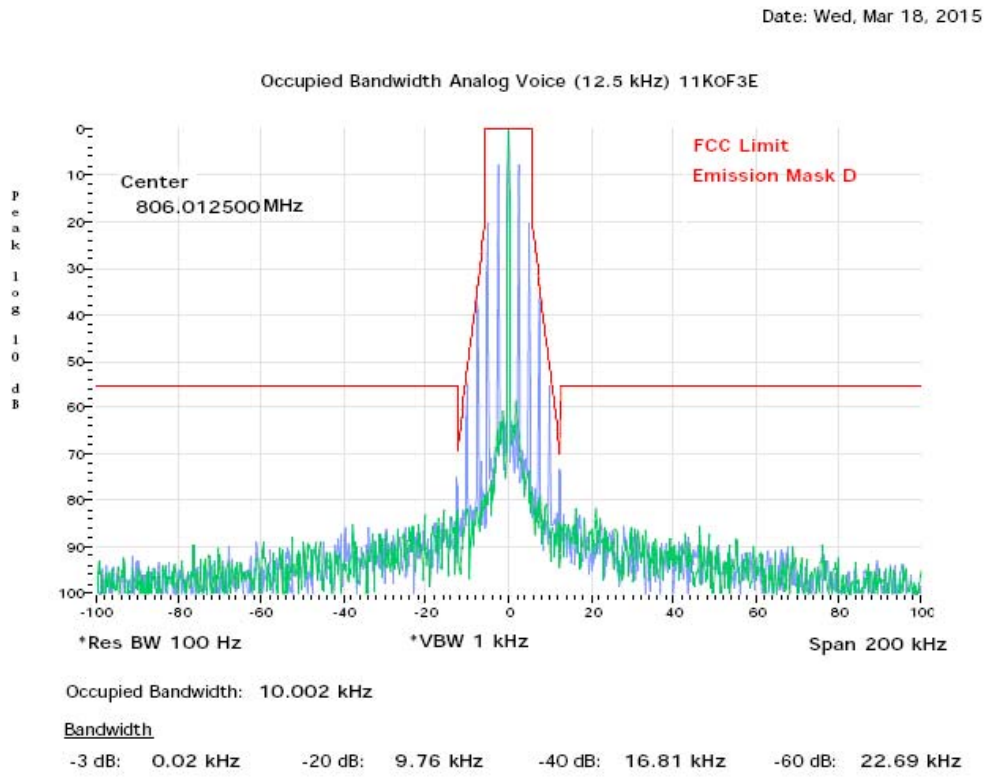
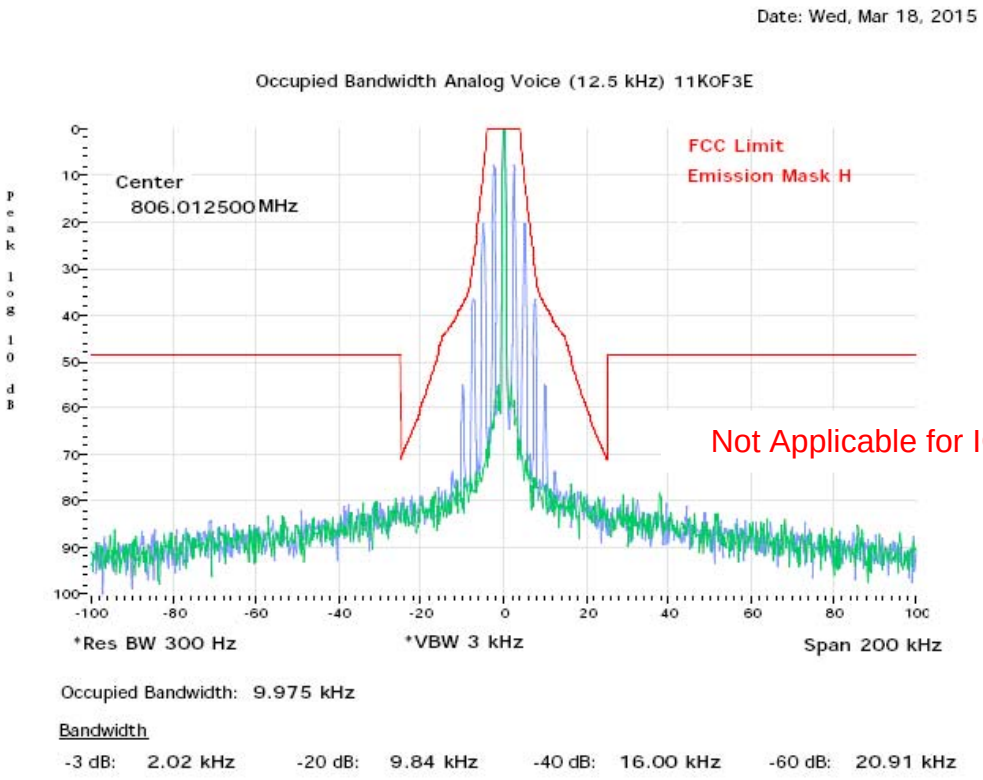


Exhibit 6E- 8 Frequency = 806.0125 MHz



Not Applicable for IC review

Exhibit 6E- 9 Frequency = 823.9875 MHz

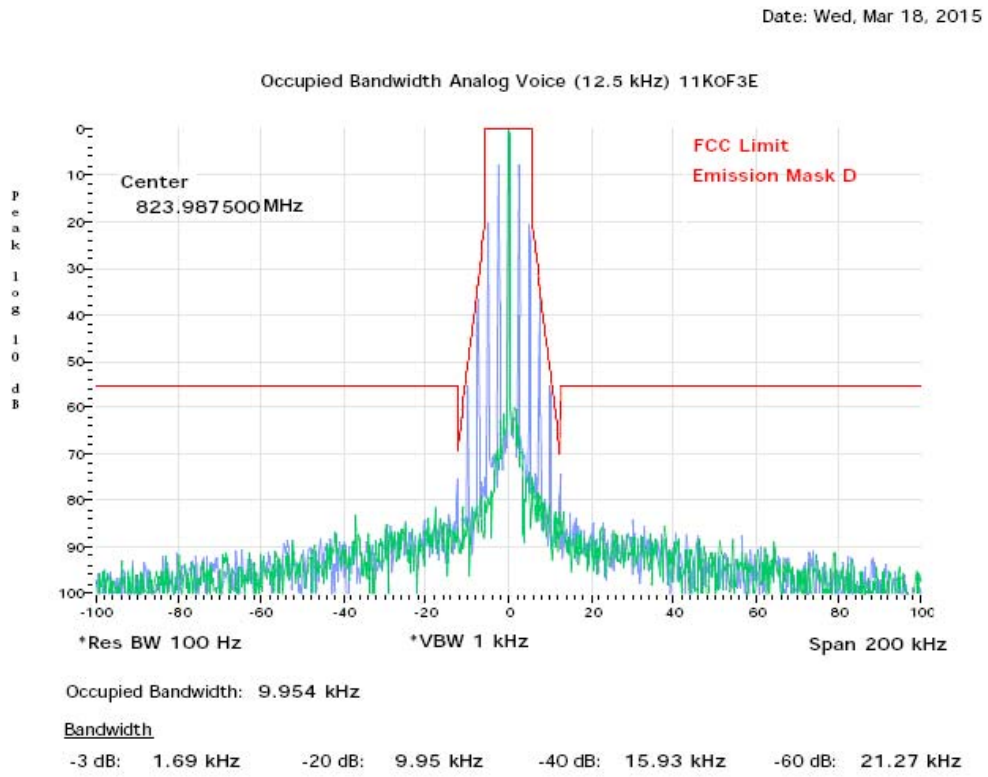
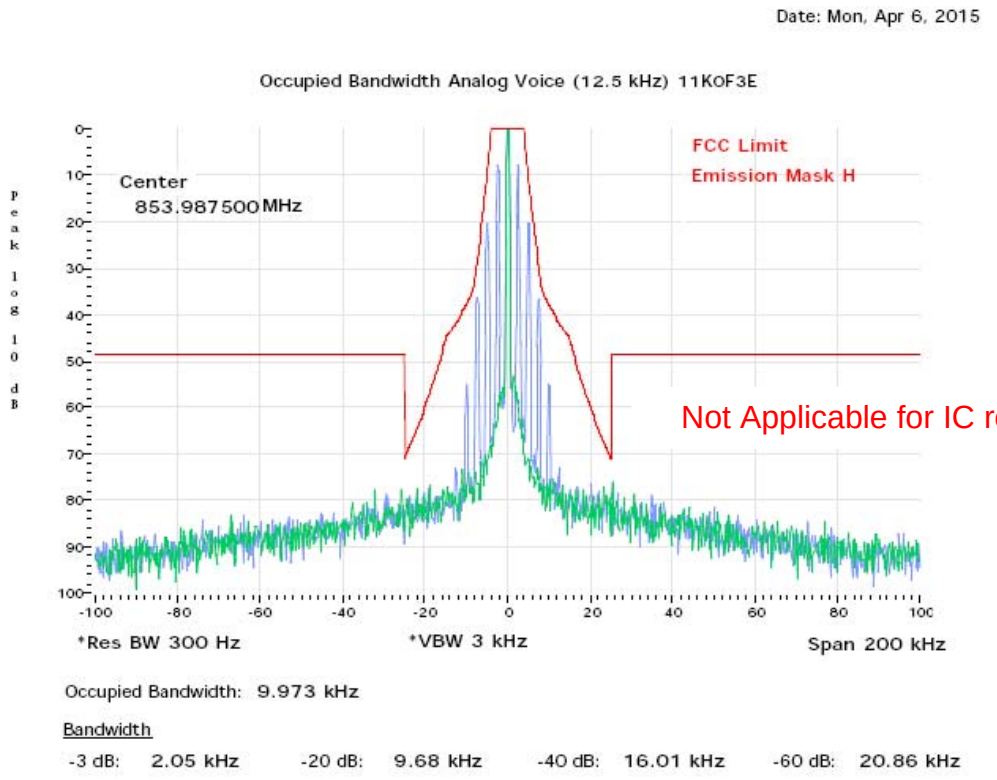
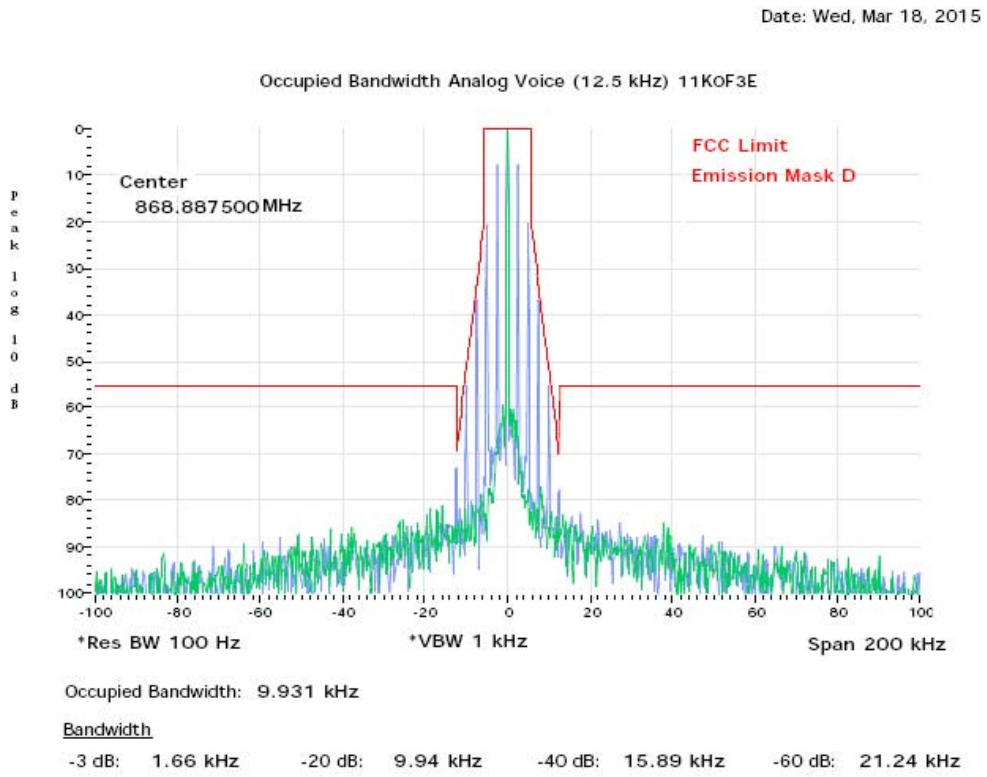


Exhibit 6E- 10 Frequency = 853.9875 MHz



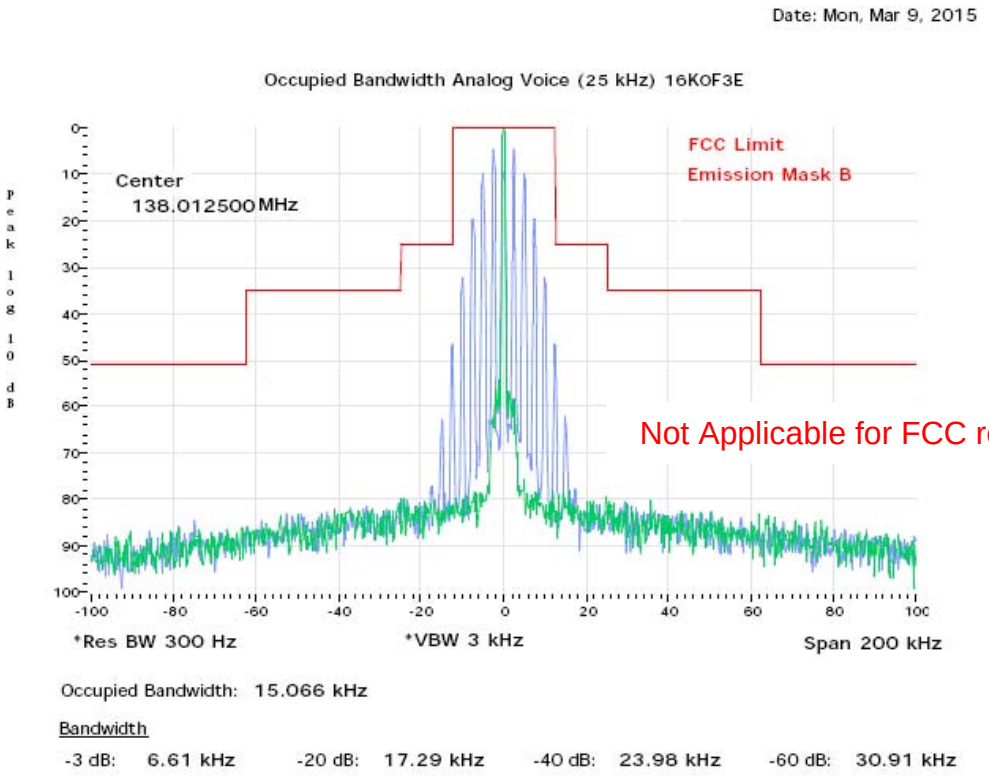
Not Applicable for IC review

Exhibit 6E- 11 Frequency = 868.8875 MHz



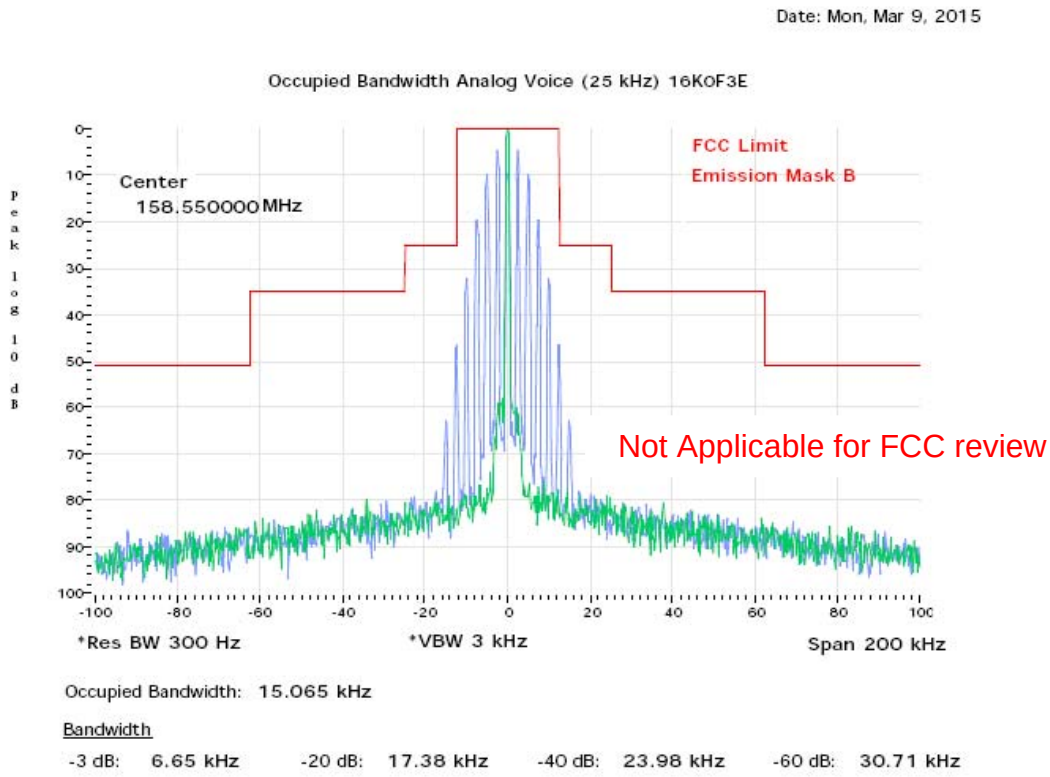
Standard Audio Modulation (25 kHz Channelization, Analog Voice):
Emission Designator 16K0F3E
In this case, the maximum modulating frequency is 3.0 kHz with a 5.0 kHz deviation.
BW = 2(M+D) = 2*(3.0 kHz + 5.0 kHz) = 16 kHz =➔ 16K0
F3E portion of the designator indicates voice.
Therefore, the entire designator for 25 kHz channelization analog voice is 16K0F3E.

Exhibit 6E- 12 Frequency = 138.0125 MHz



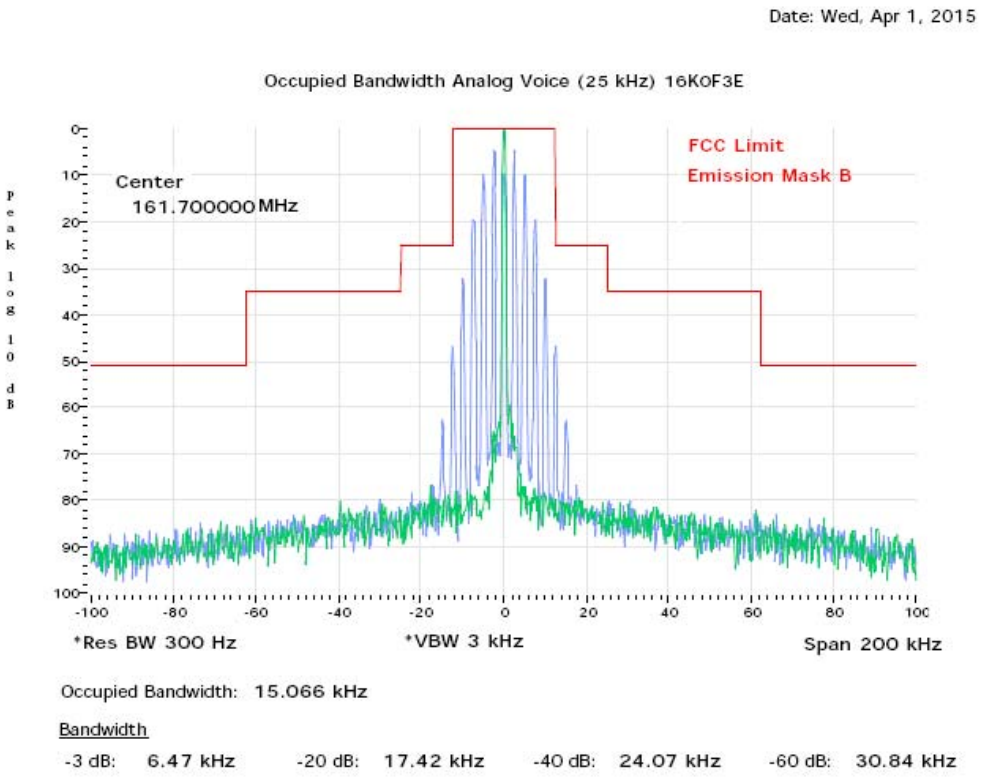
Not Applicable for FCC review

Exhibit 6E- 13 Frequency = 158.55 MHz



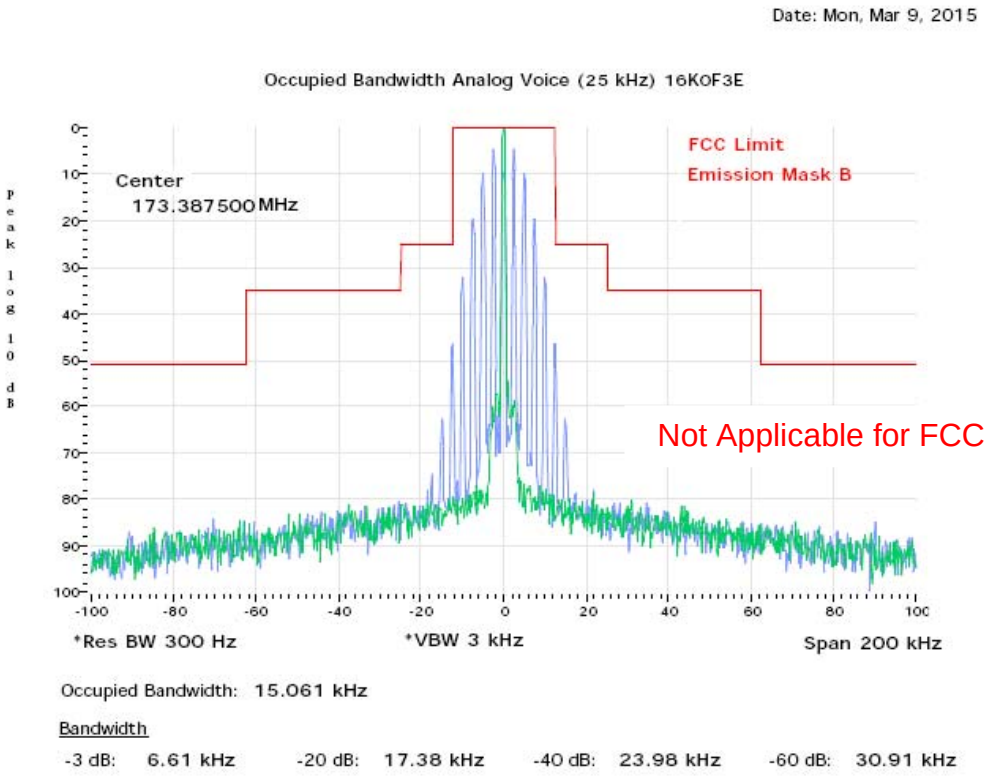
Not Applicable for FCC review

Exhibit 6E- 14 Frequency = 161.7 MHz



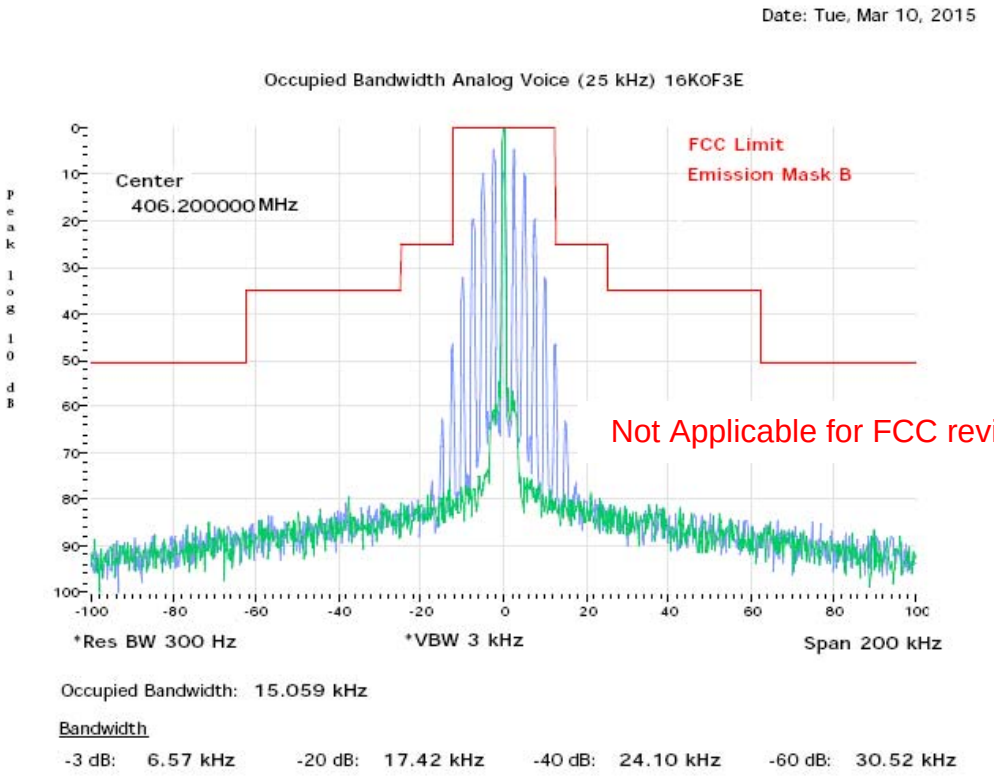
The data above is presented for rule part 47CFR 74.462(c).

Exhibit 6E- 15 Frequency = 173.3875 MHz



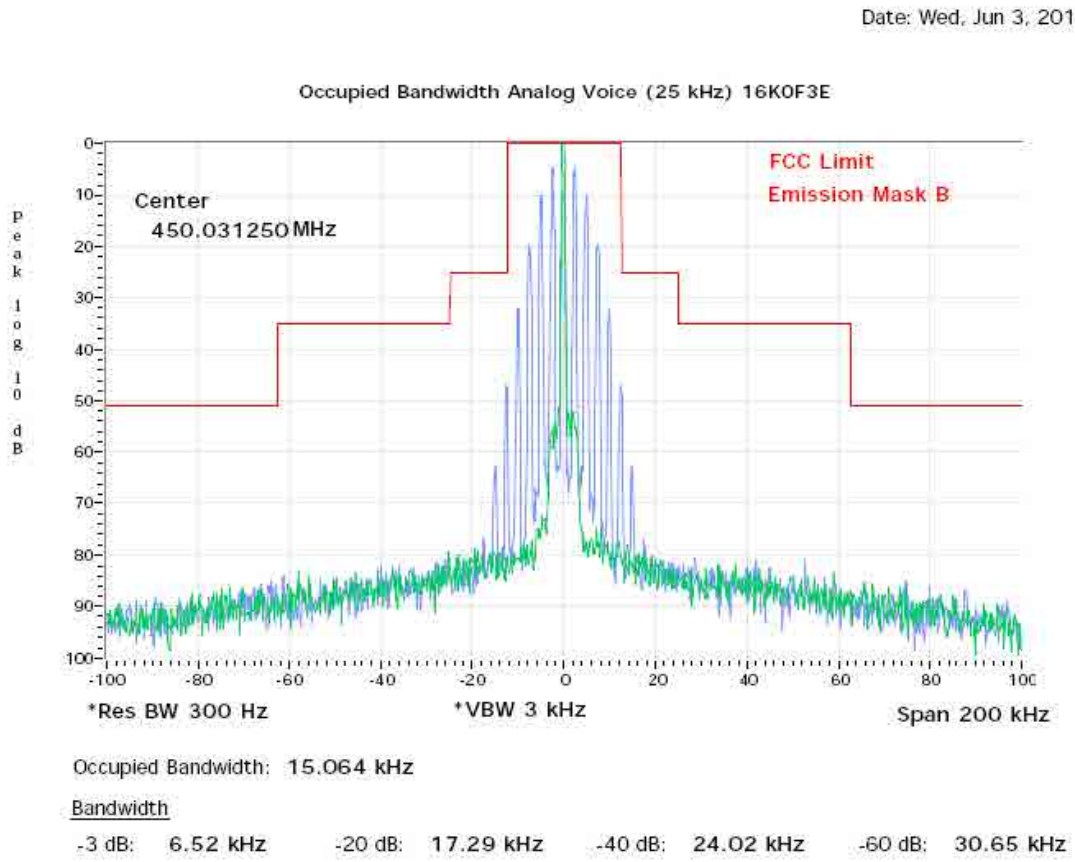
Not Applicable for FCC review

Exhibit 6E- 16 Frequency = 406.2 MHz



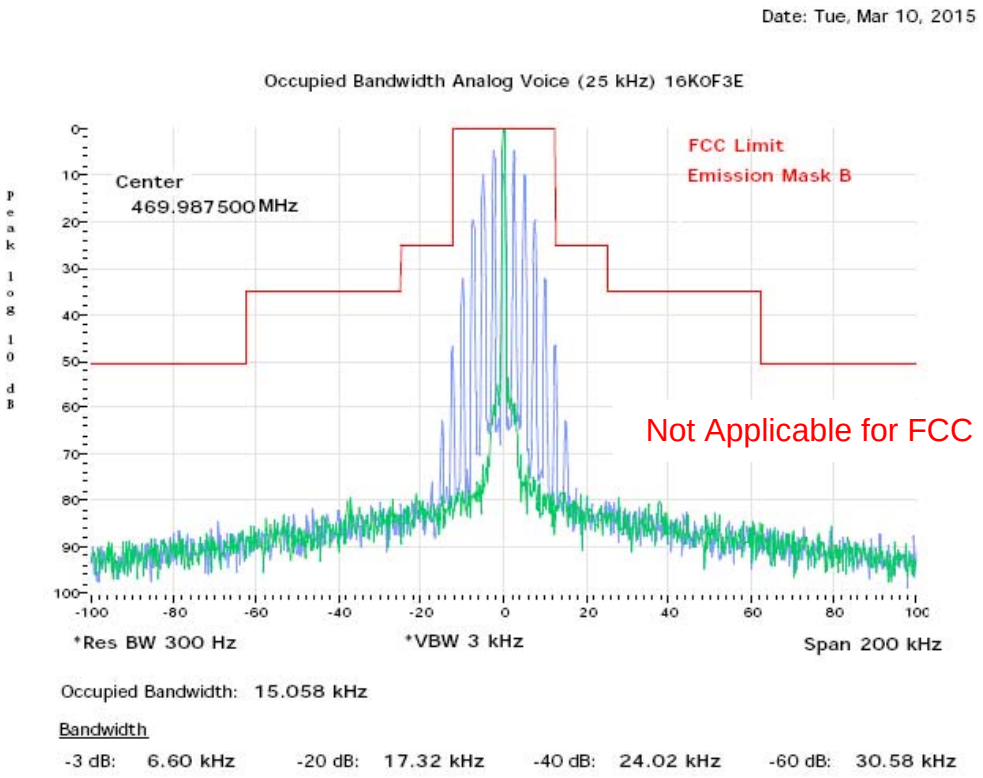
Not Applicable for FCC review

Exhibit 6E- 17 Frequency = 450.03125 MHz



The data above is presented for rule part 47CFR 74.462(c).

Exhibit 6E- 18 Frequency = 469.9875 MHz



Not Applicable for FCC review

Exhibit 6E- 19 Frequency = 806.0125 MHz

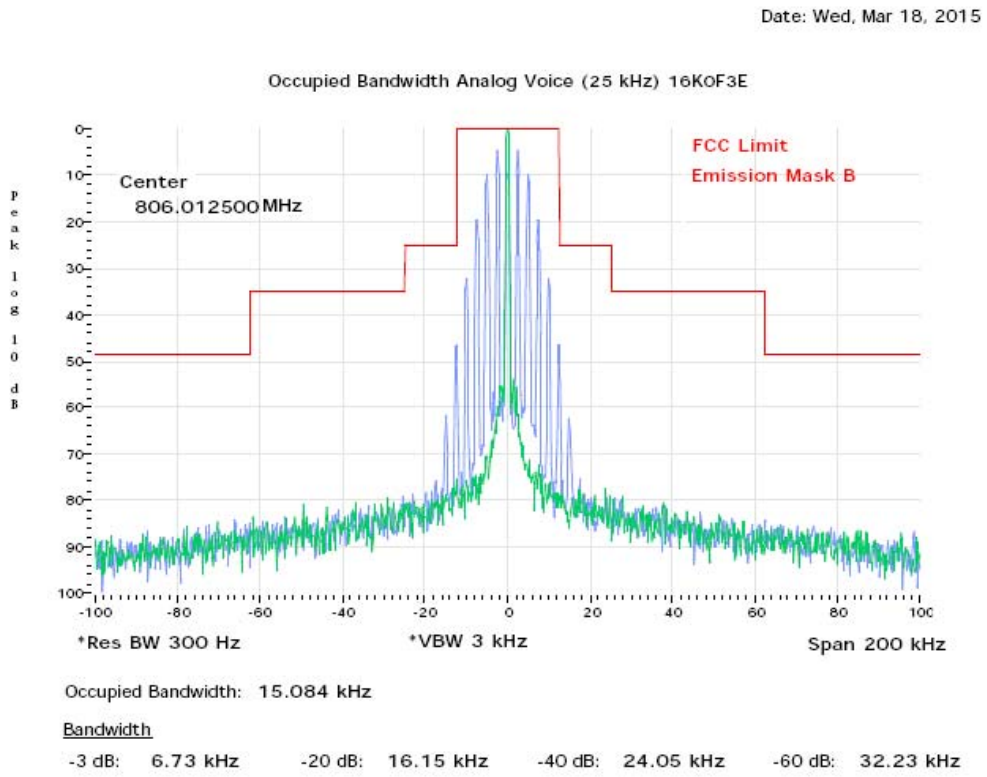


Exhibit 6E- 20 Frequency = 806.0125 MHz

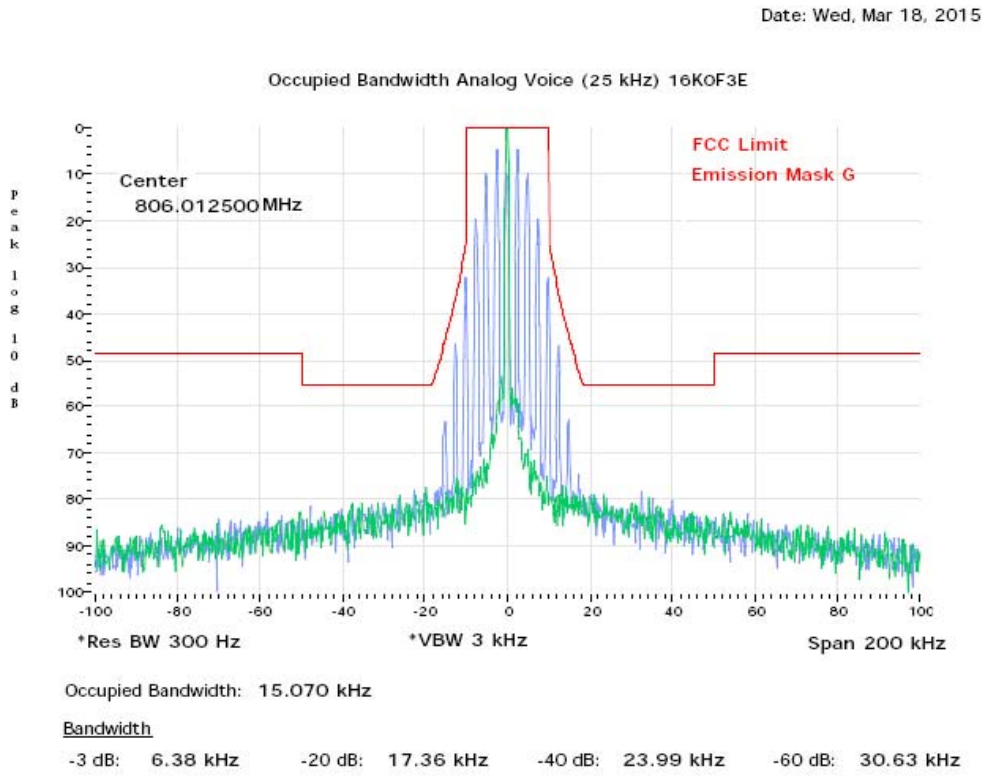


Exhibit 6E- 21 Frequency = 823.9875 MHz

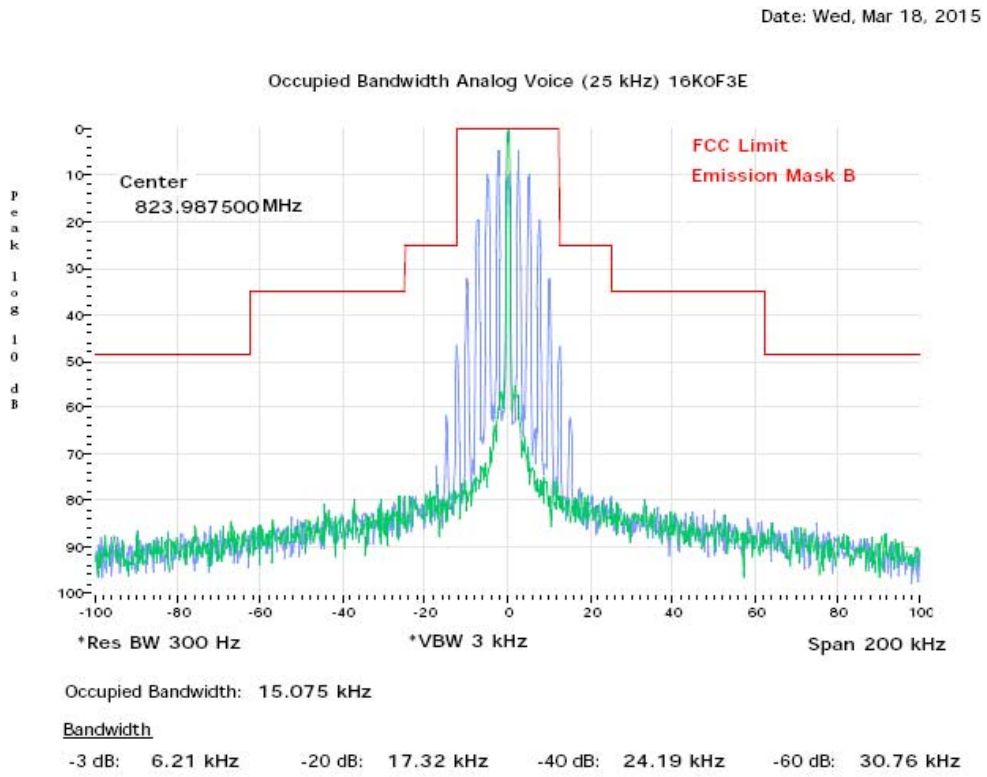


Exhibit 6E- 22 Frequency = 823.9875 MHz

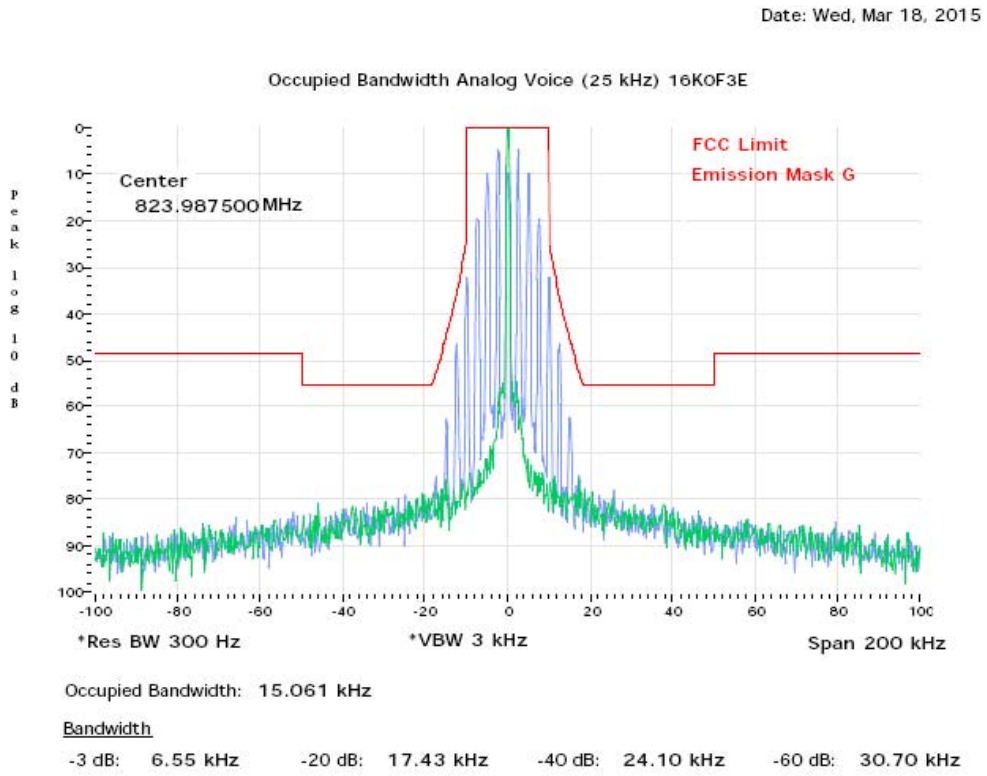


Exhibit 6E- 23 Frequency = 868.8875 MHz

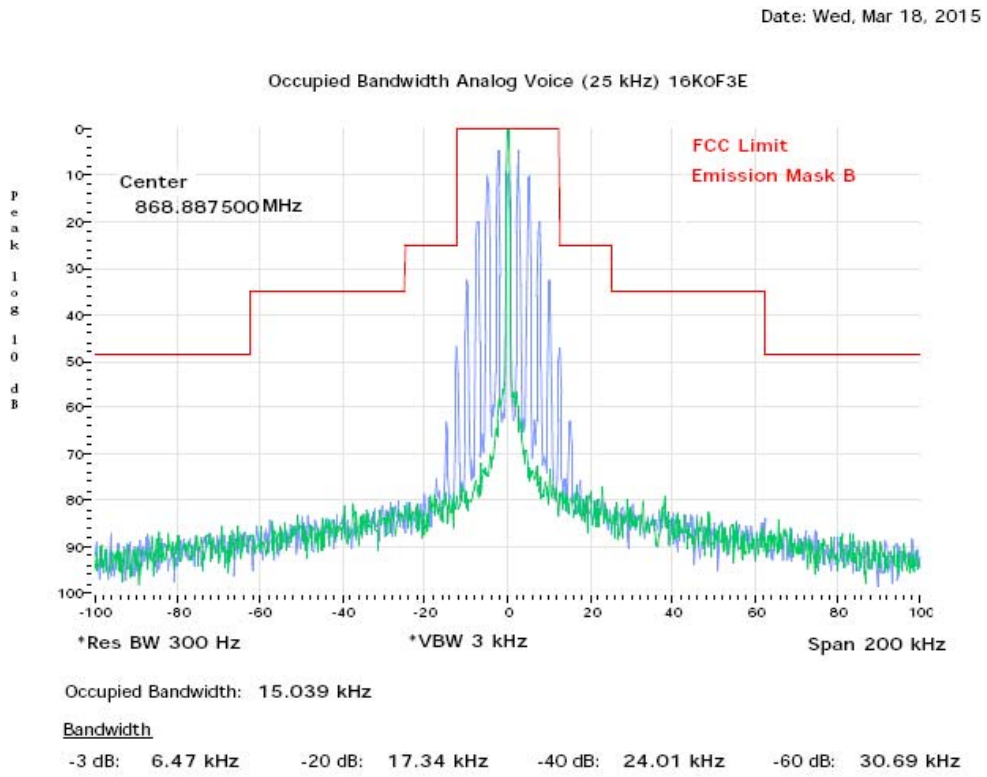
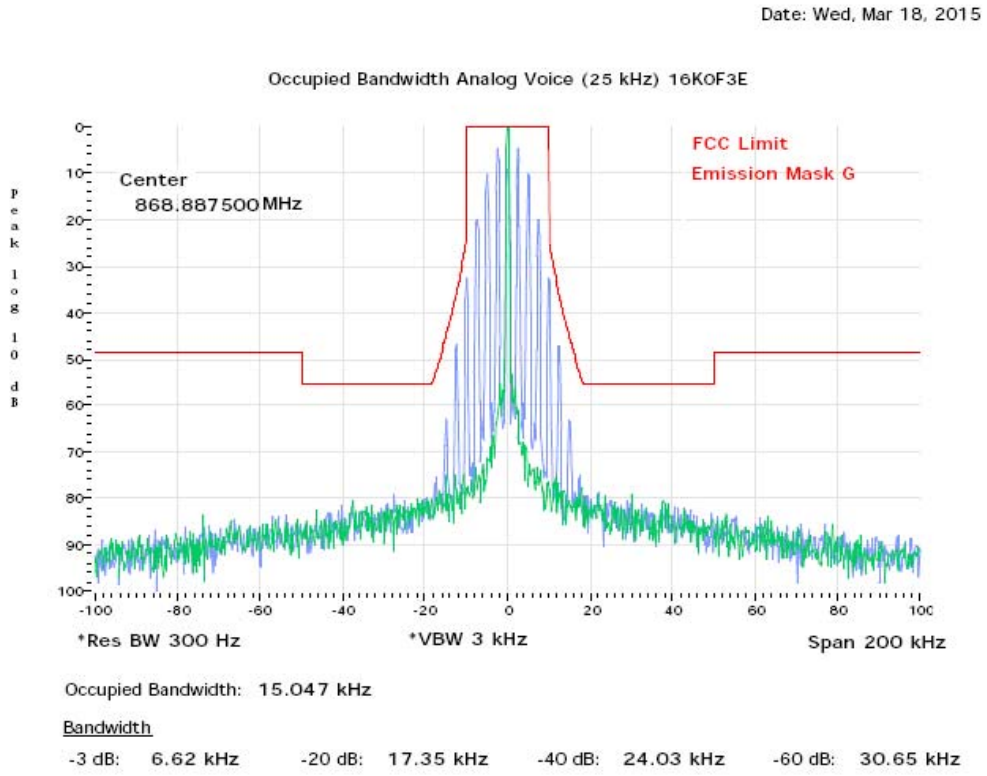


Exhibit 6E- 24 Frequency = 868.8875 MHz



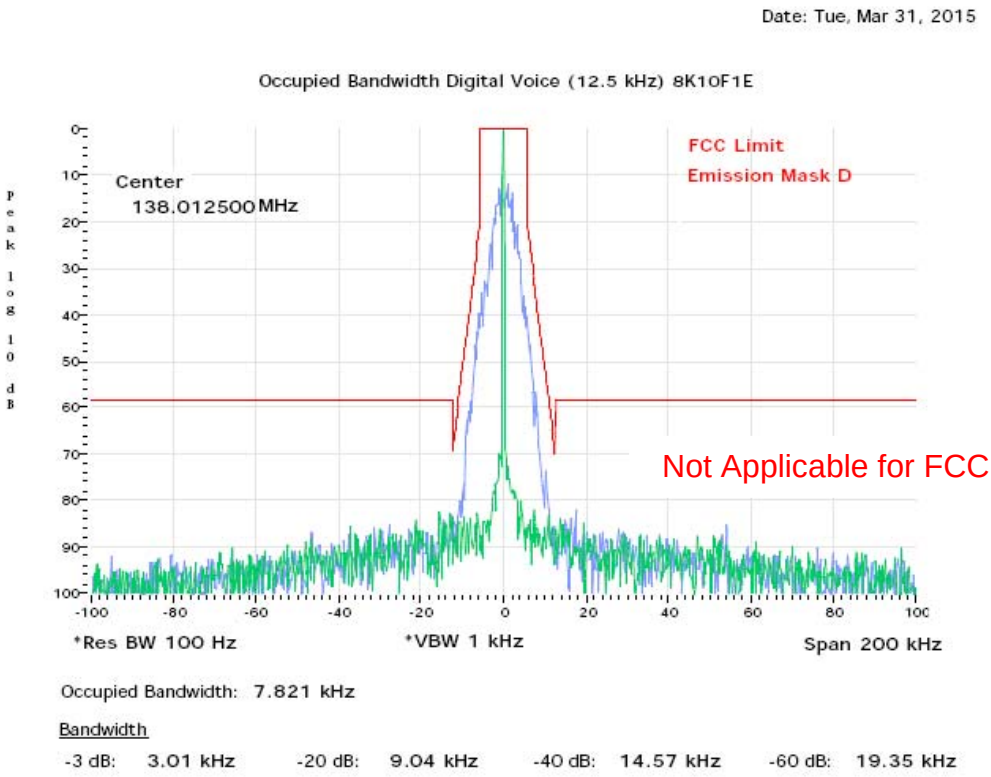
Digital (12.5 kHz Channelization, Digital Voice):
Emission Designator 8K10F1E

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.

F1E portion of the designator indicates digital voice.

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

Exhibit 6E- 25 Frequency = 138.0125 MHz



Not Applicable for FCC review

Exhibit 6E- 26 Frequency = 158.55 MHz

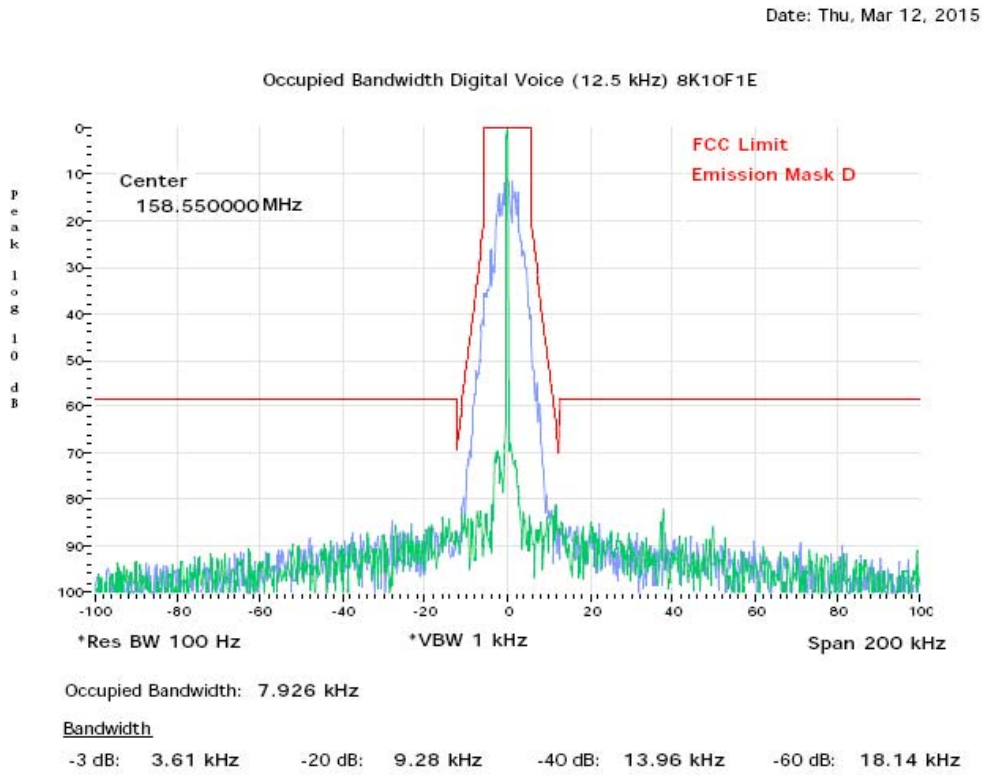


Exhibit 6E- 27 Frequency = 173.3875 MHz

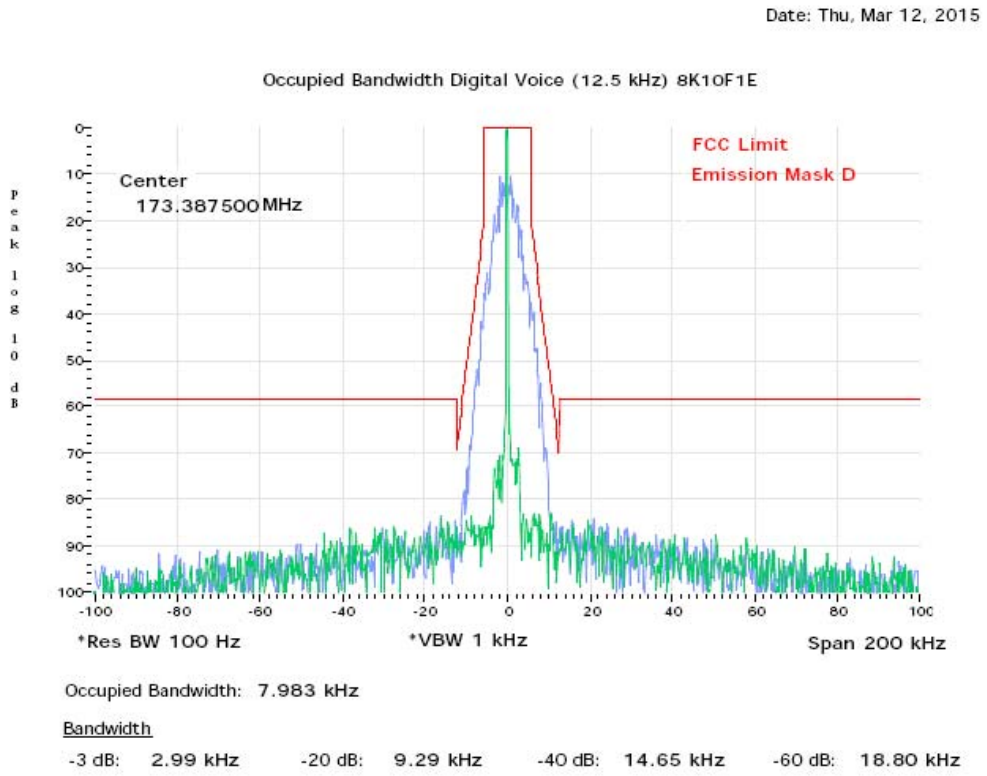


Exhibit 6E- 28 Frequency = 406.2 MHz

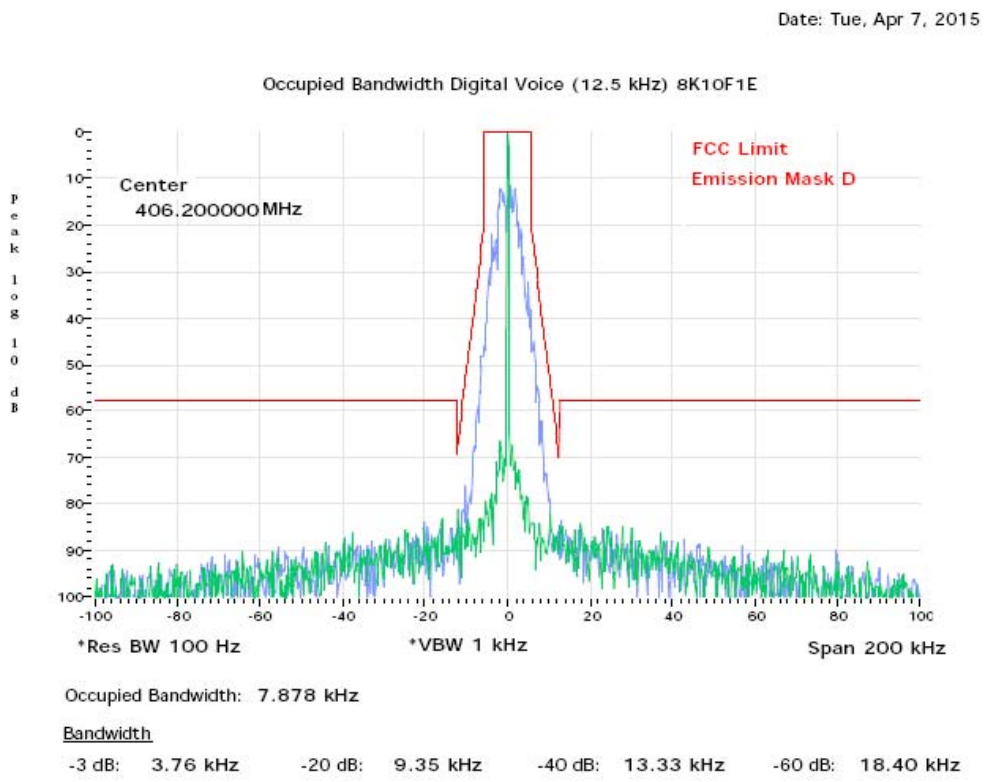


Exhibit 6E- 29 Frequency = 450.025 MHz

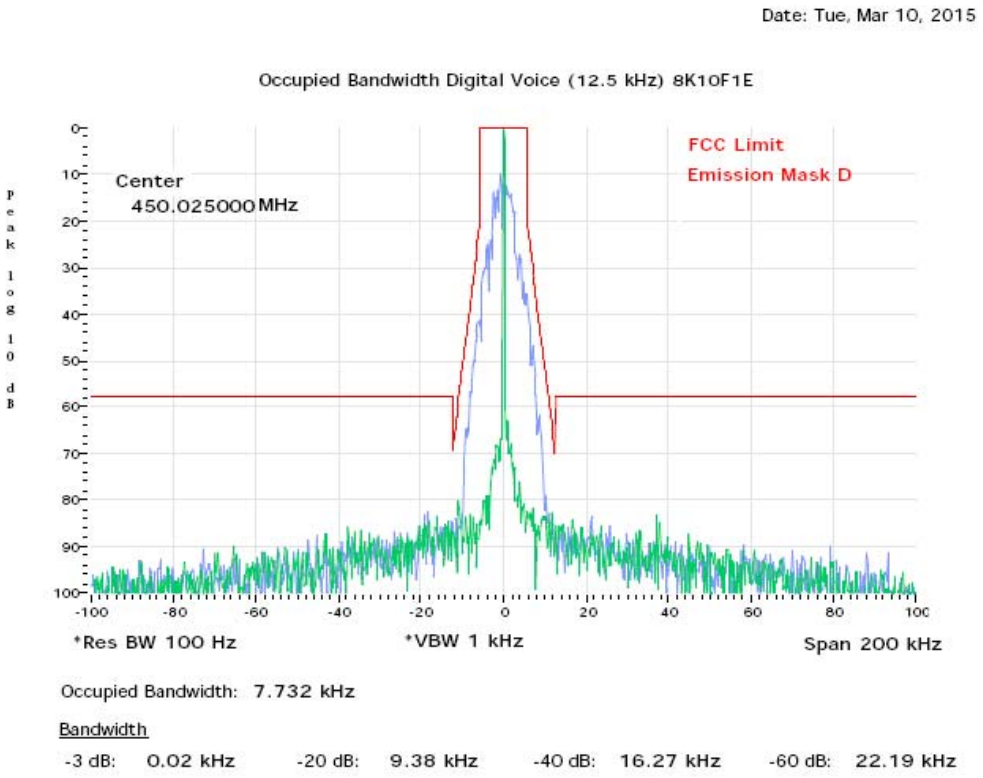


Exhibit 6E- 30 Frequency = 469.9875 MHz

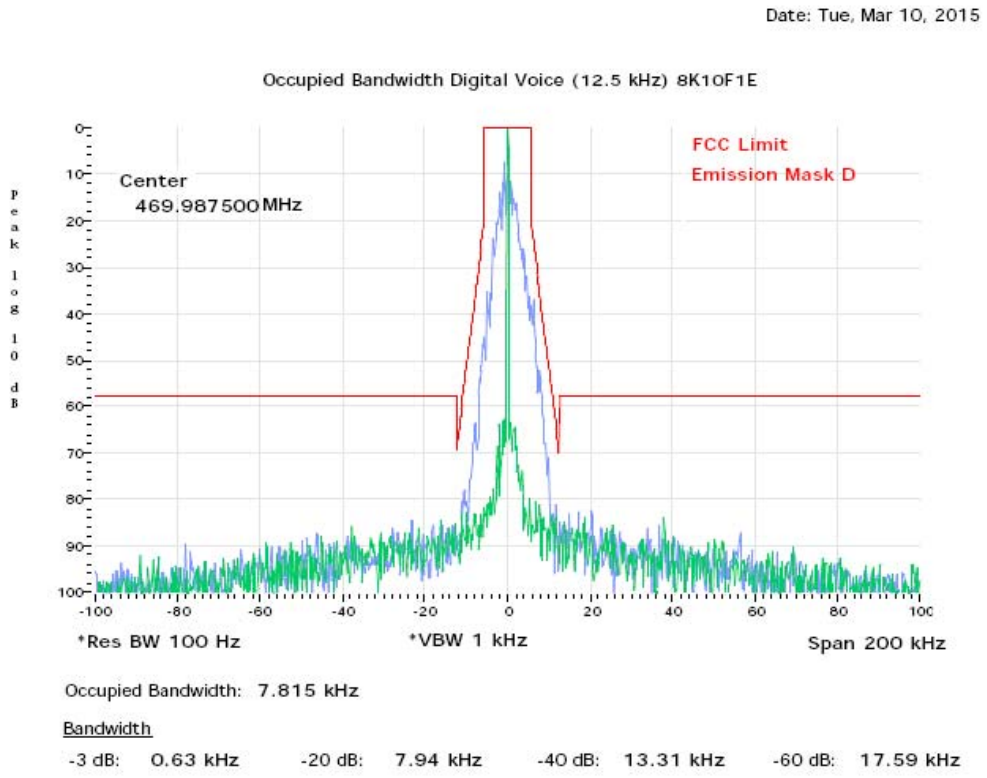


Exhibit 6E- 31 Frequency = 806.0125 MHz

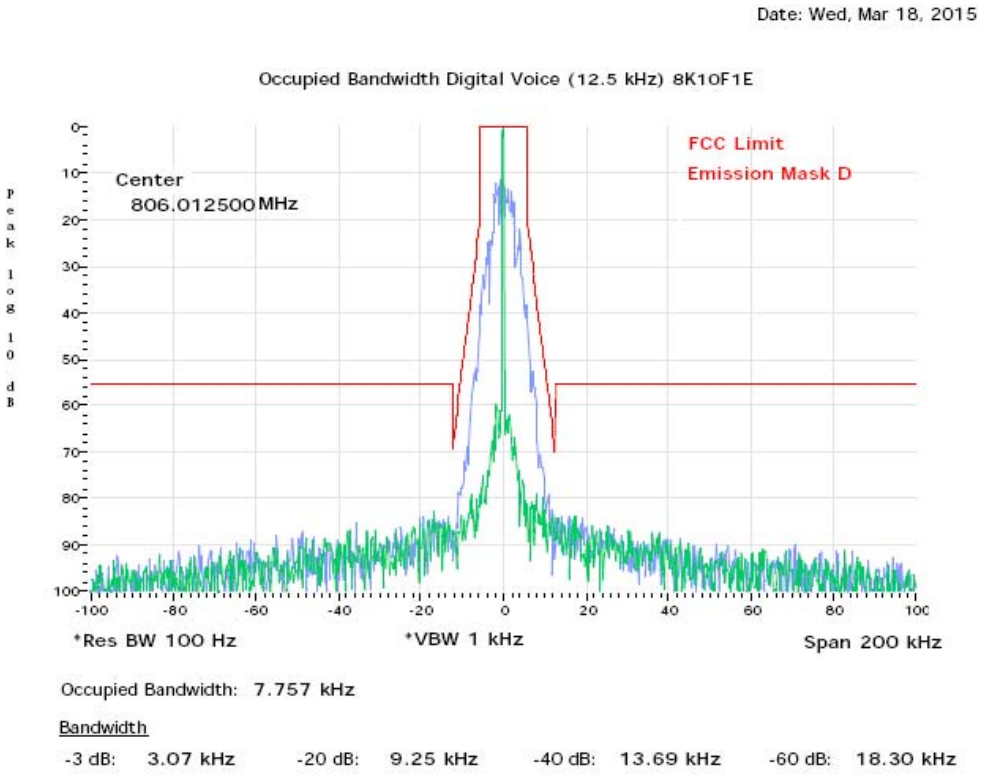
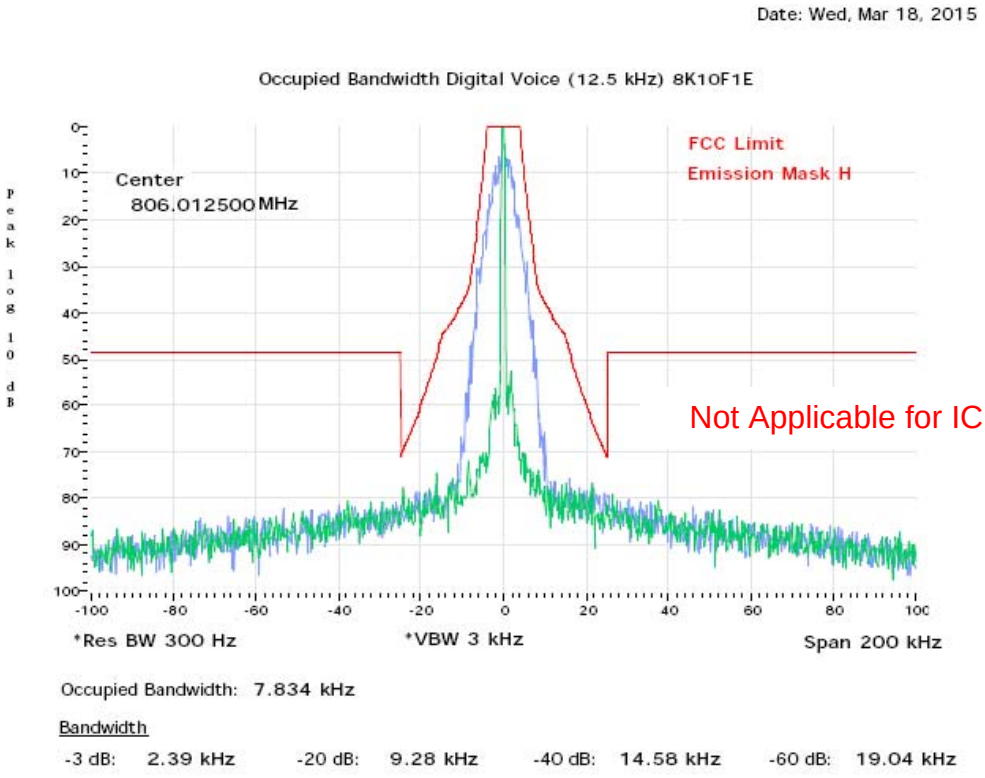


Exhibit 6E- 32 Frequency = 806.0125 MHz



Not Applicable for IC review

Exhibit 6E- 33 Frequency = 823.9875 MHz

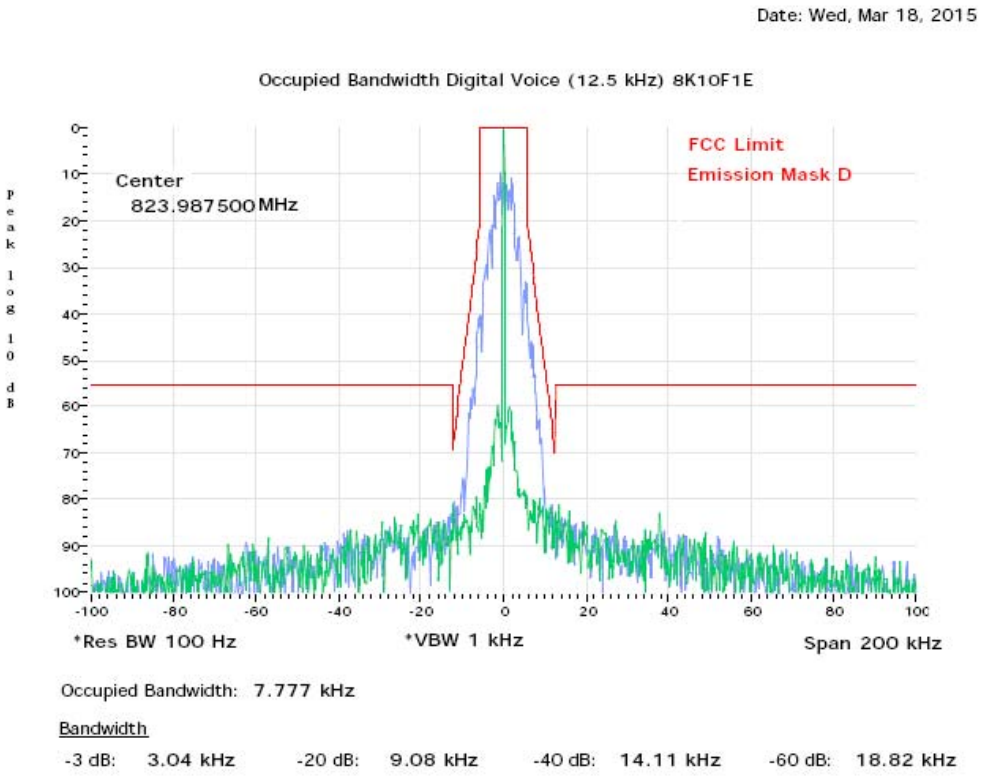
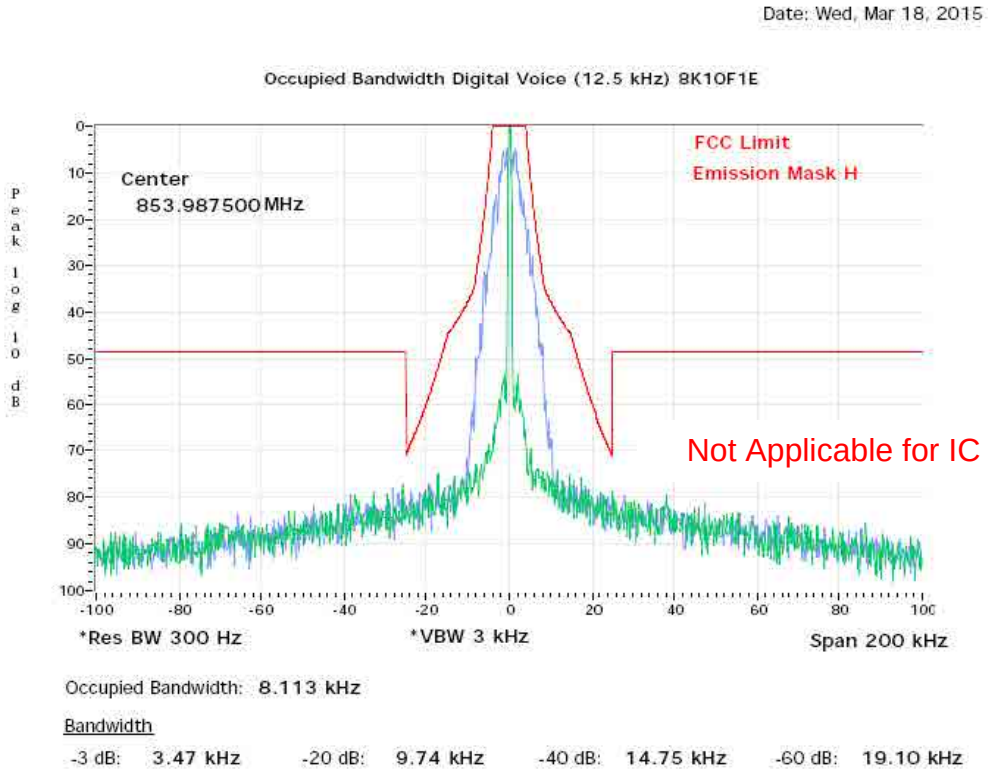
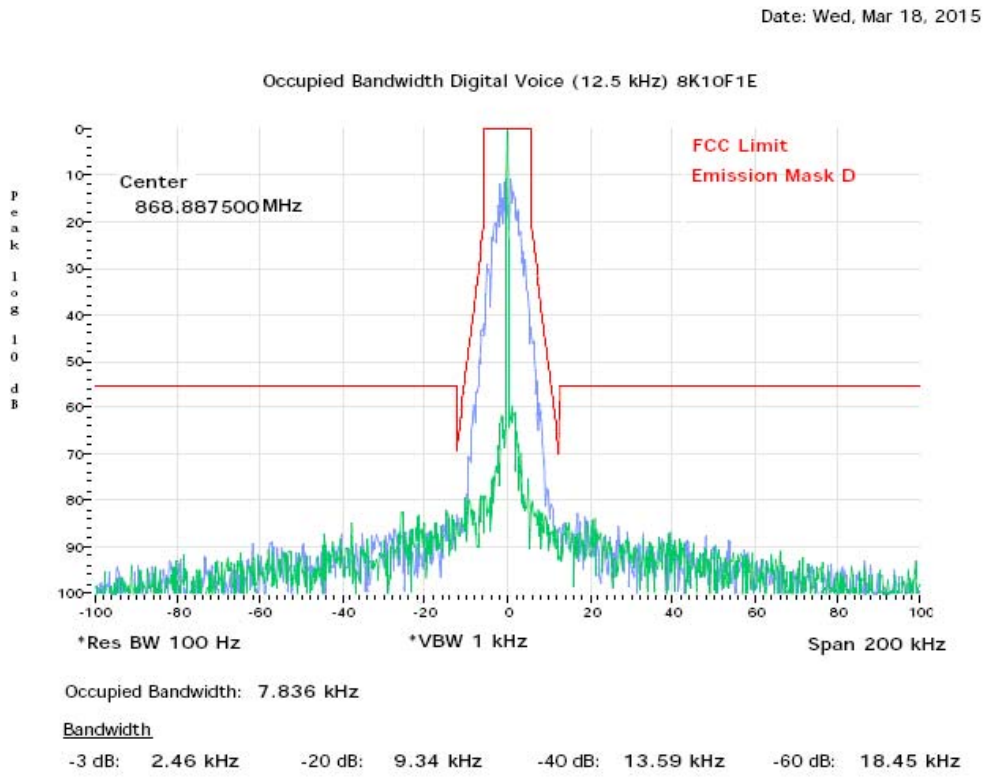


Exhibit 6E- 34 Frequency = 853.9875 MHz



Not Applicable for IC review

Exhibit 6E- 35 Frequency = 868.8875 MHz



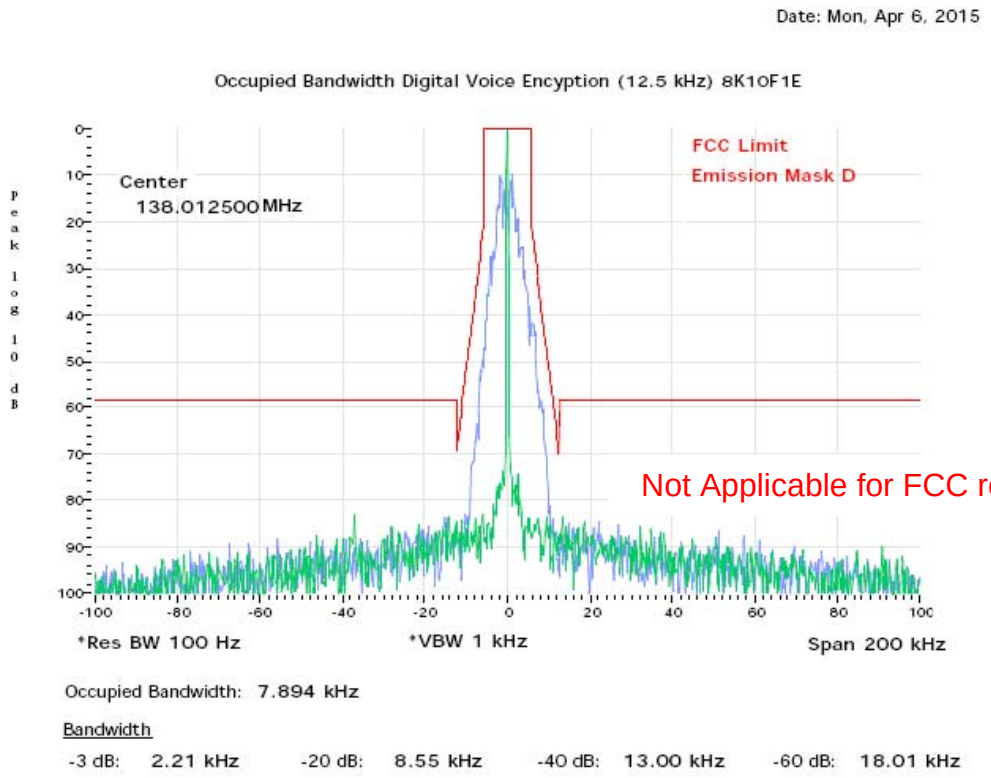
Digital (12.5 kHz Channelization, Digital Voice with encryption):
Emission Designator 8K10F1E

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

F1E portion of the designator indicates digital voice.

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

Exhibit 6E- 36 Frequency = 138.0125 MHz



Not Applicable for FCC review

Exhibit 6E- 37 Frequency = 158.55 MHz

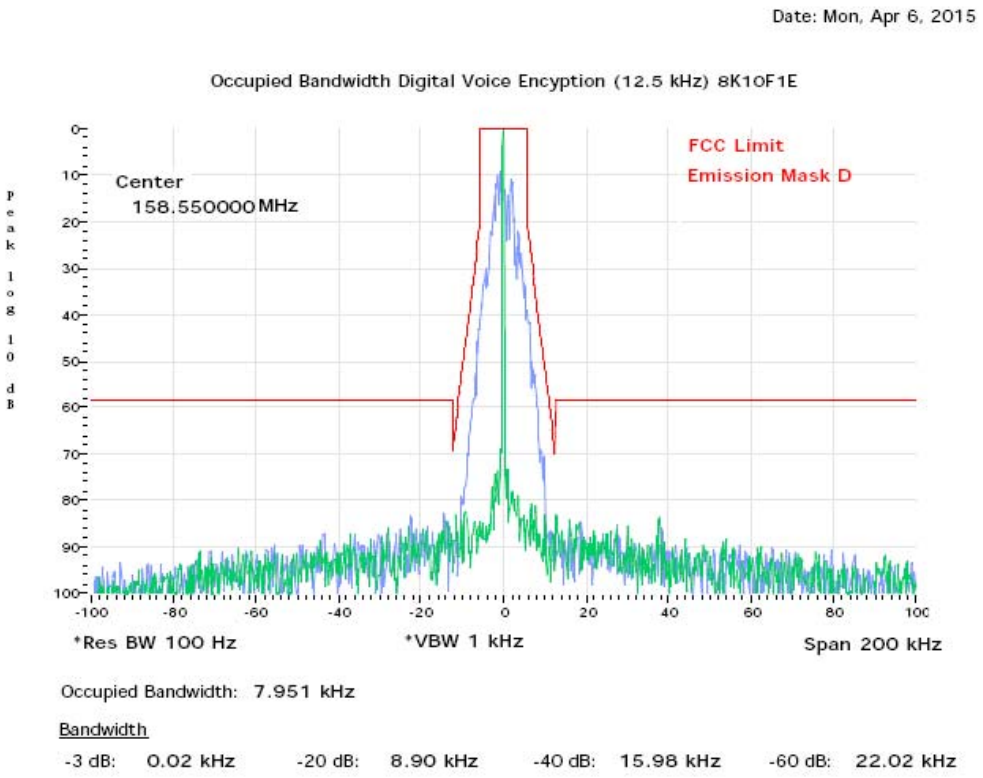


Exhibit 6E- 38 Frequency = 173.3875 MHz

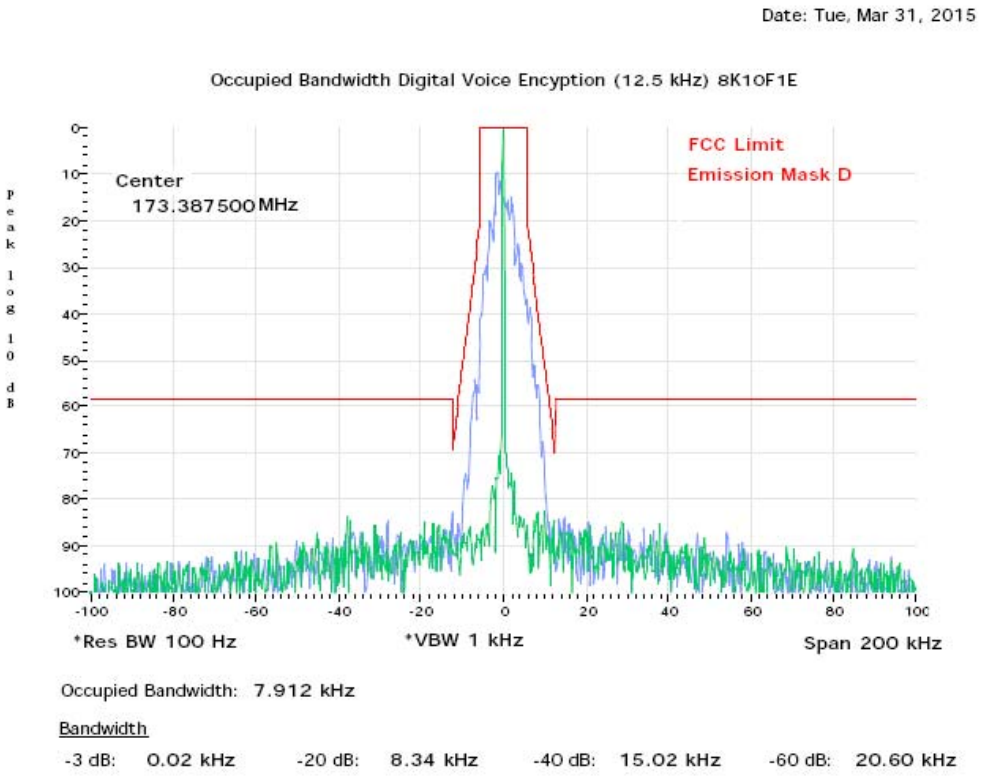


Exhibit 6E- 39 Frequency = 406.2 MHz

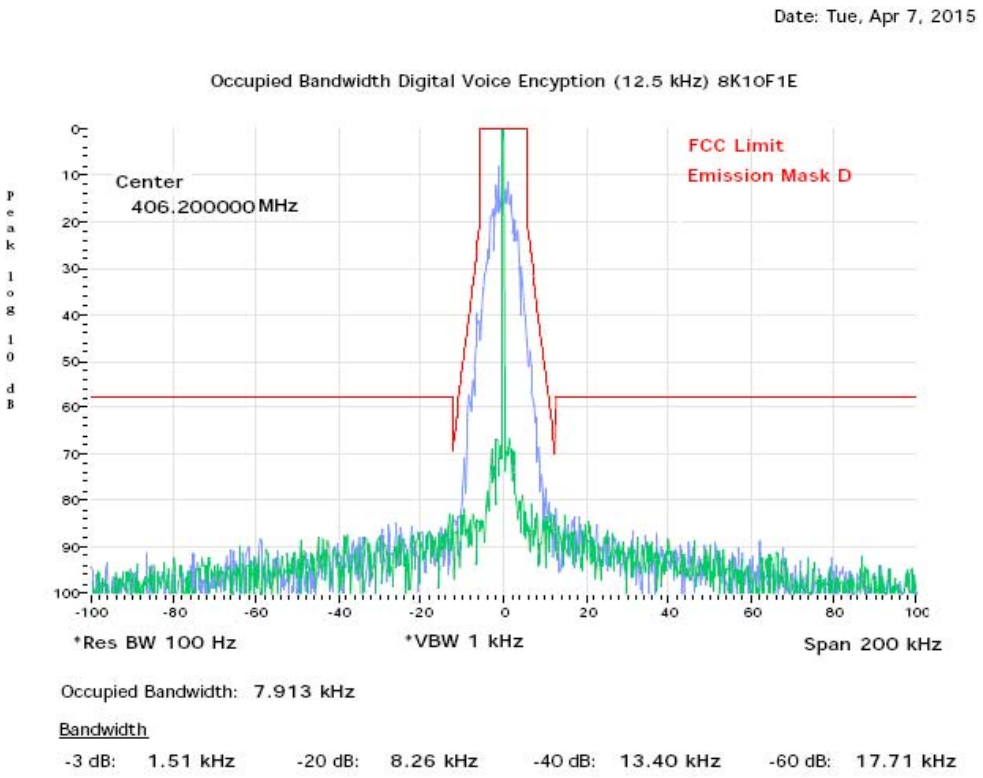


Exhibit 6E- 40 Frequency = 450.025 MHz

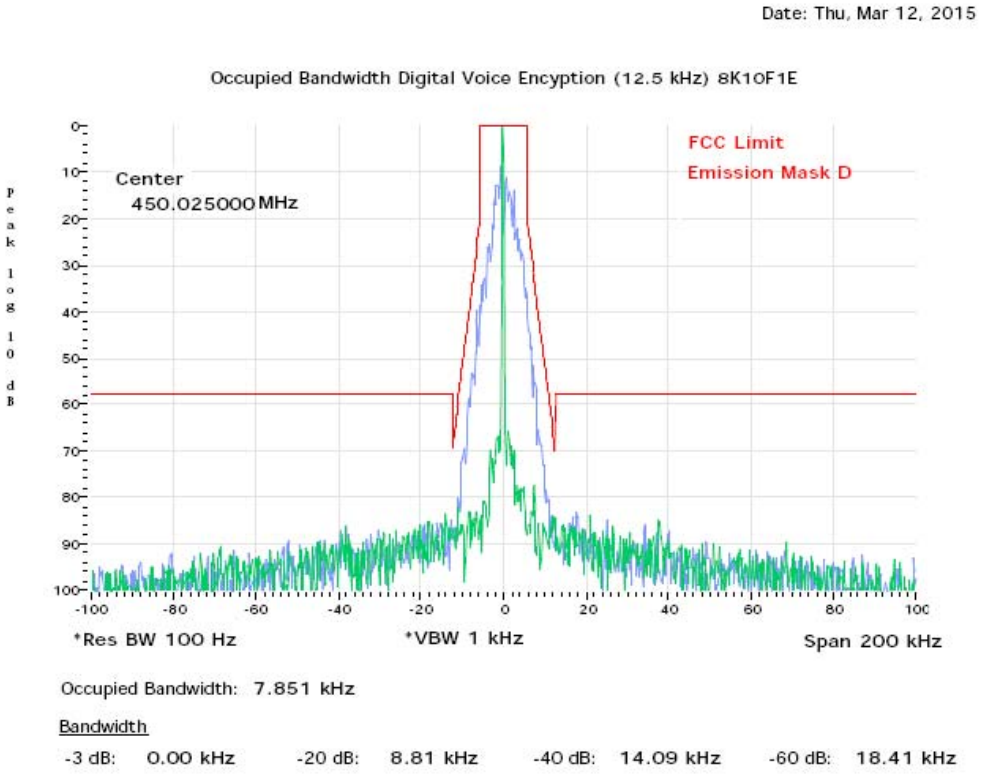


Exhibit 6E- 41 Frequency = 469.9875 MHz

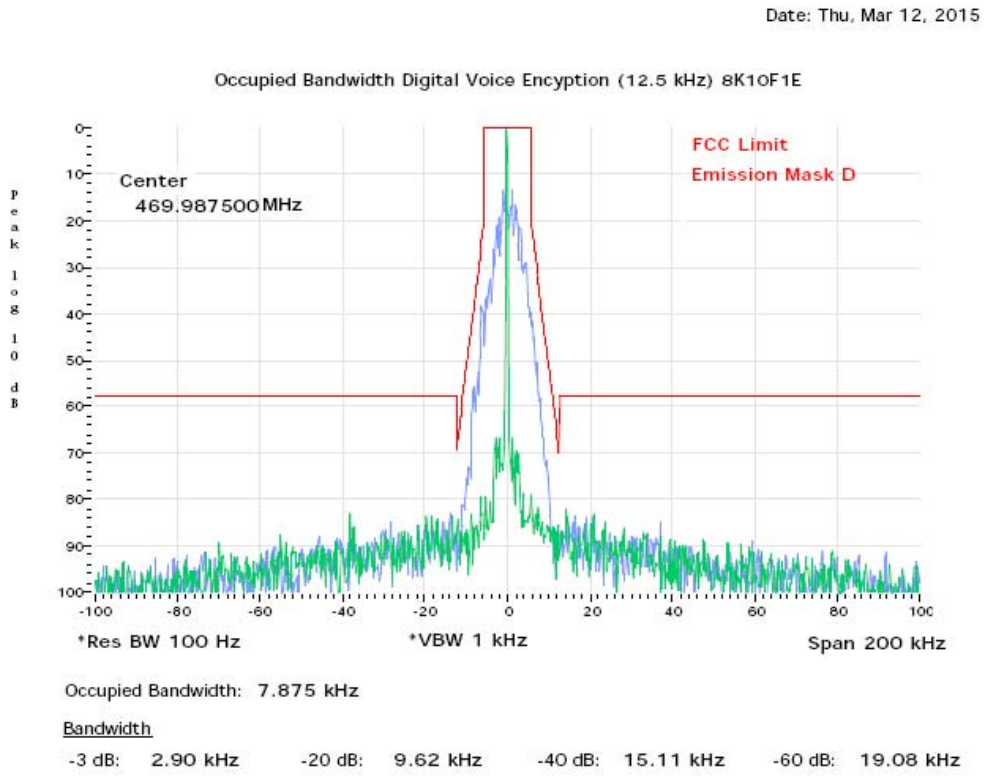


Exhibit 6E- 42 Frequency = 806.0125 MHz

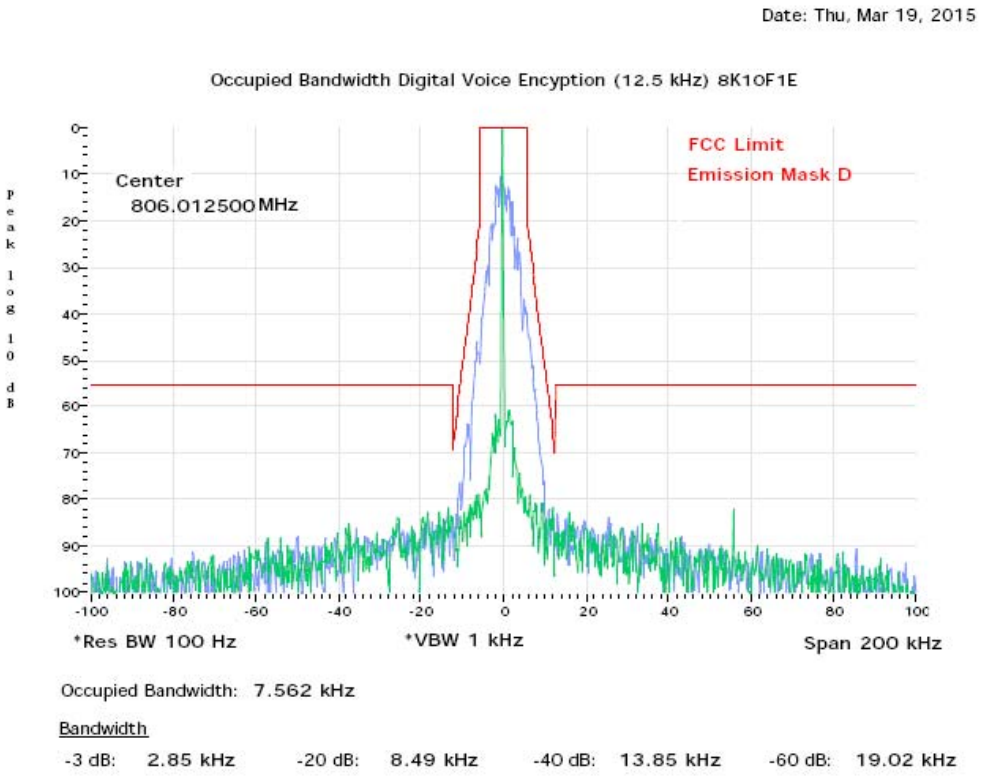
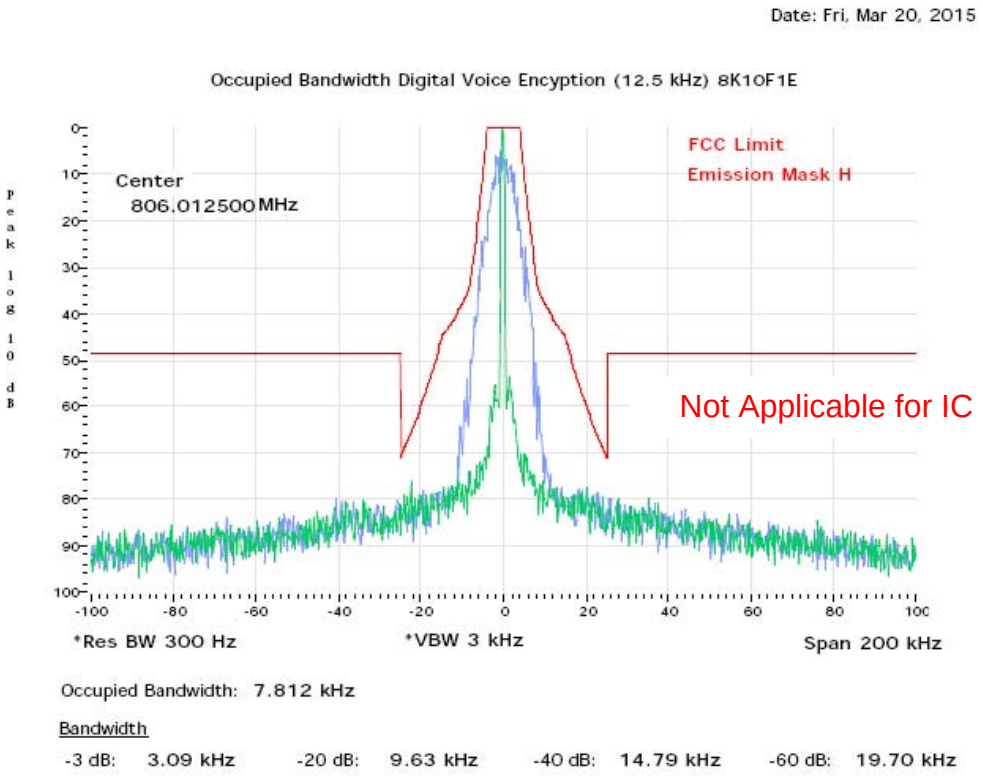


Exhibit 6E- 43 Frequency = 806.0125 MHz



Not Applicable for IC review

Exhibit 6E- 44 Frequency = 823.9875 MHz

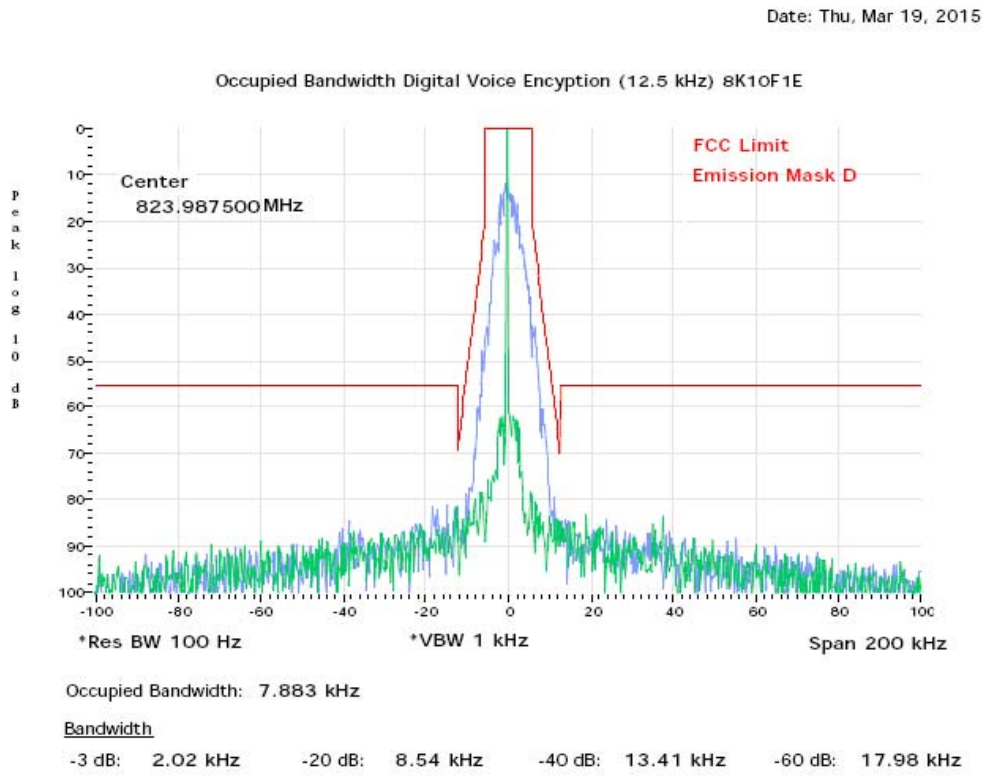
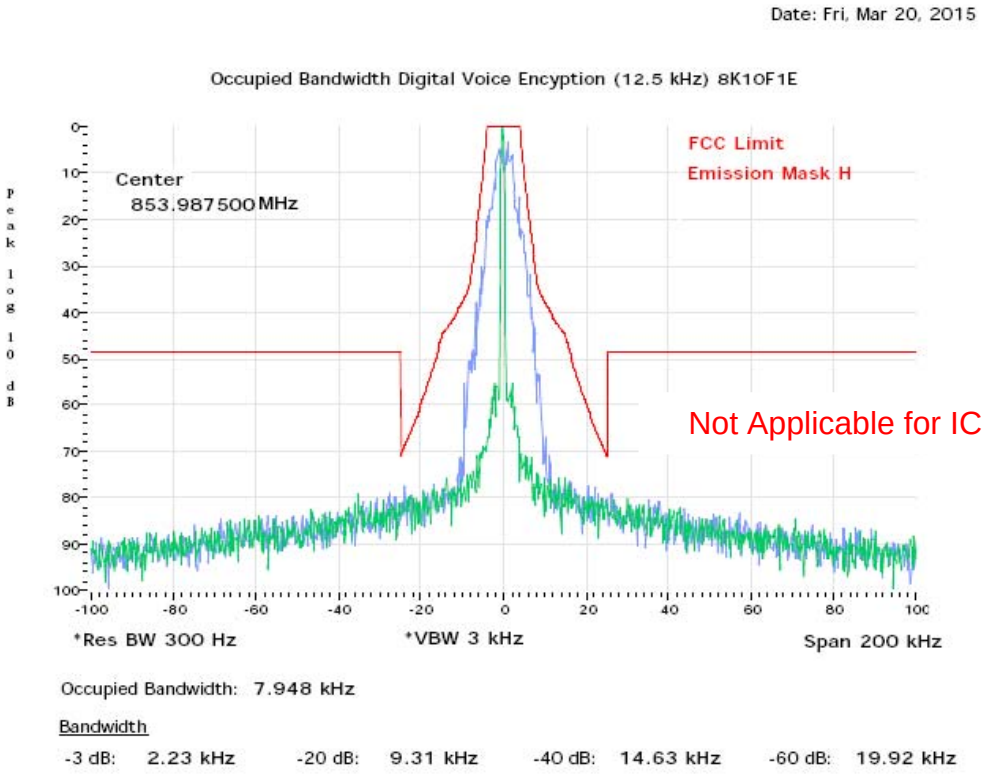
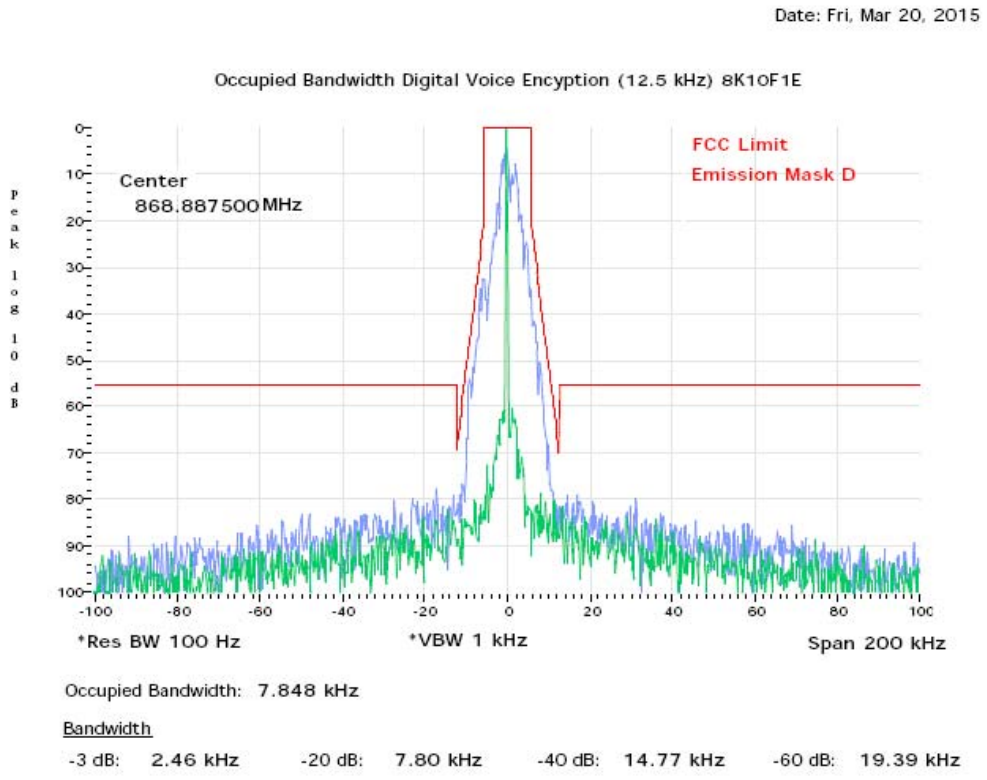


Exhibit 6E- 45 Frequency = 853.9875 MHz



Not Applicable for IC review

Exhibit 6E- 46 Frequency = 868.8875 MHz



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.

F1D portion of the designator indicates digital data.

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

Exhibit 6E- 47 Frequency = 138.0125 MHz

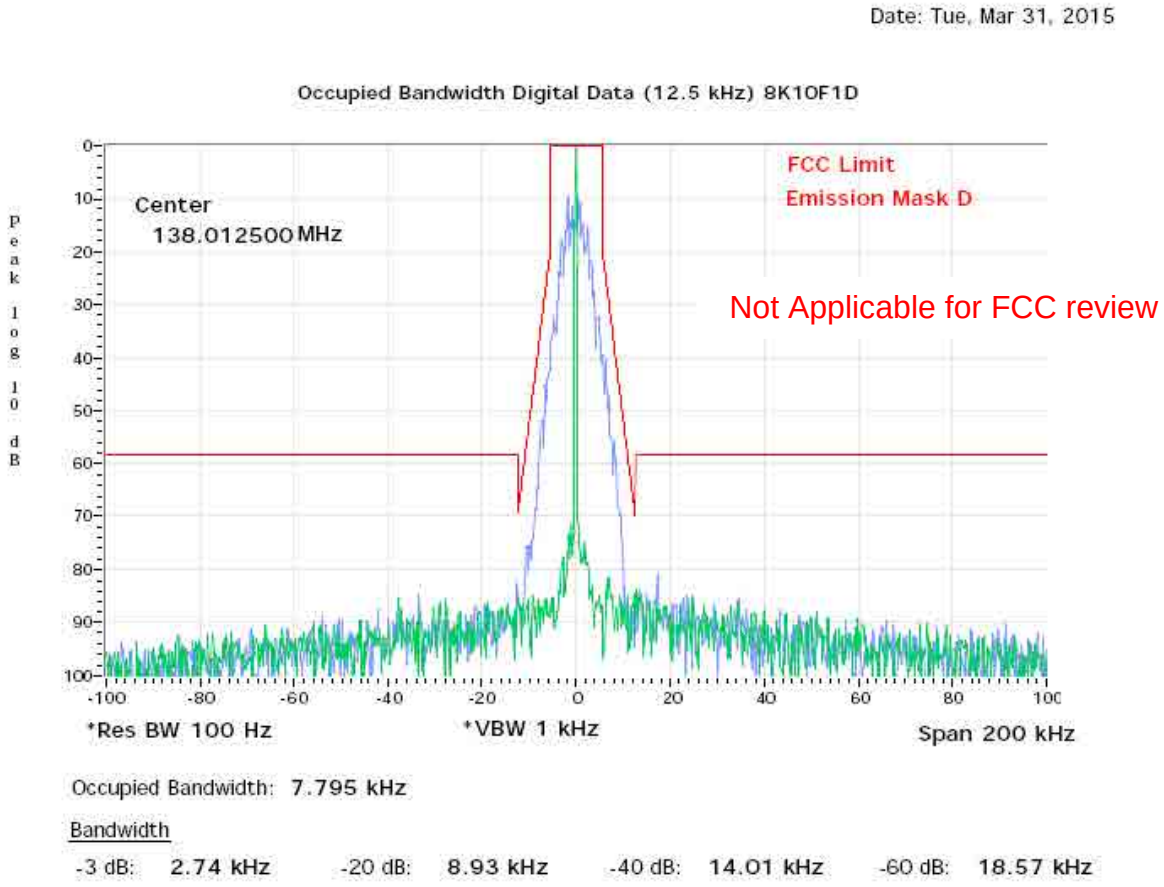


Exhibit 6E- 48 Frequency = 158.55 MHz

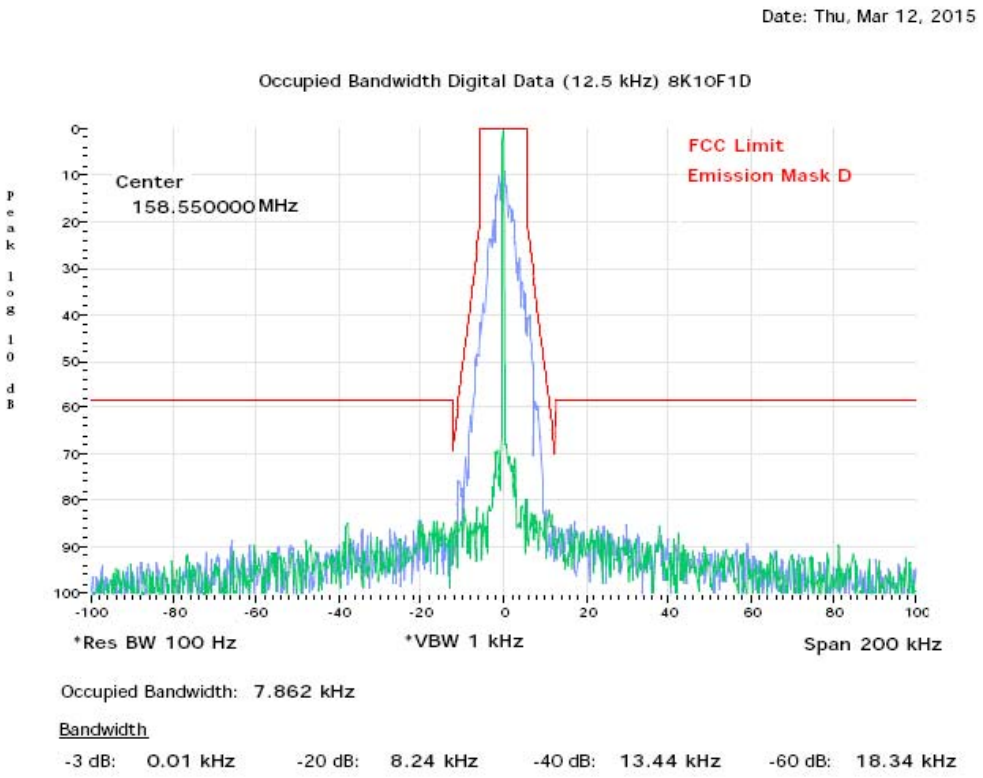


Exhibit 6E- 49 Frequency = 173.3875 MHz

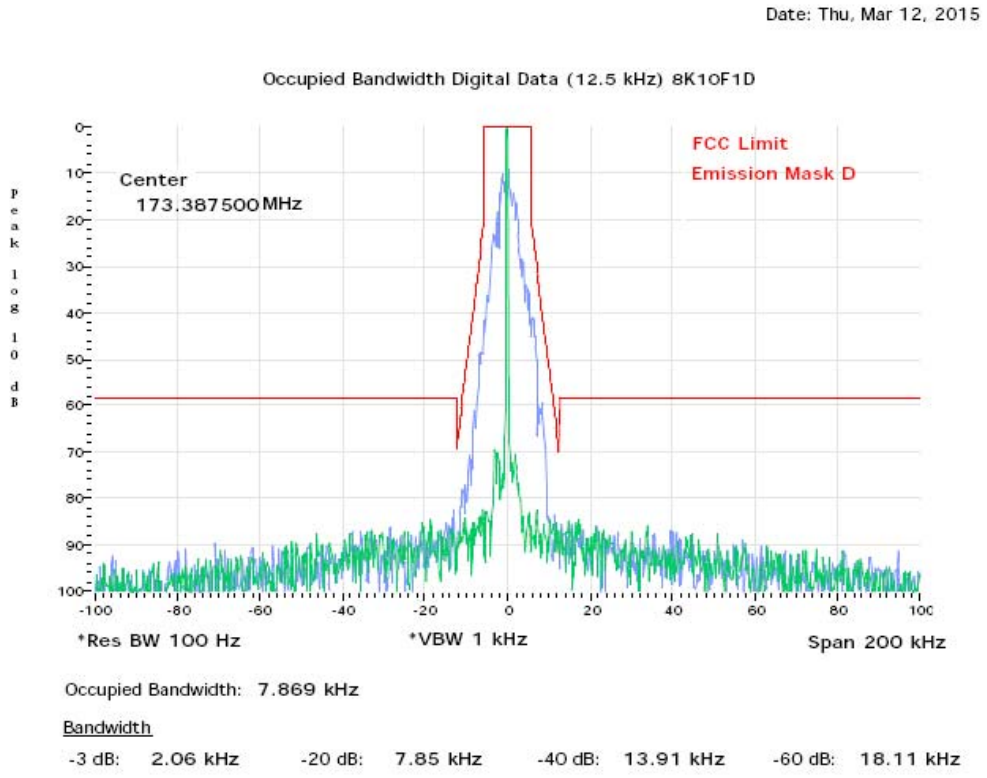


Exhibit 6E- 50 Frequency = 406.2 MHz

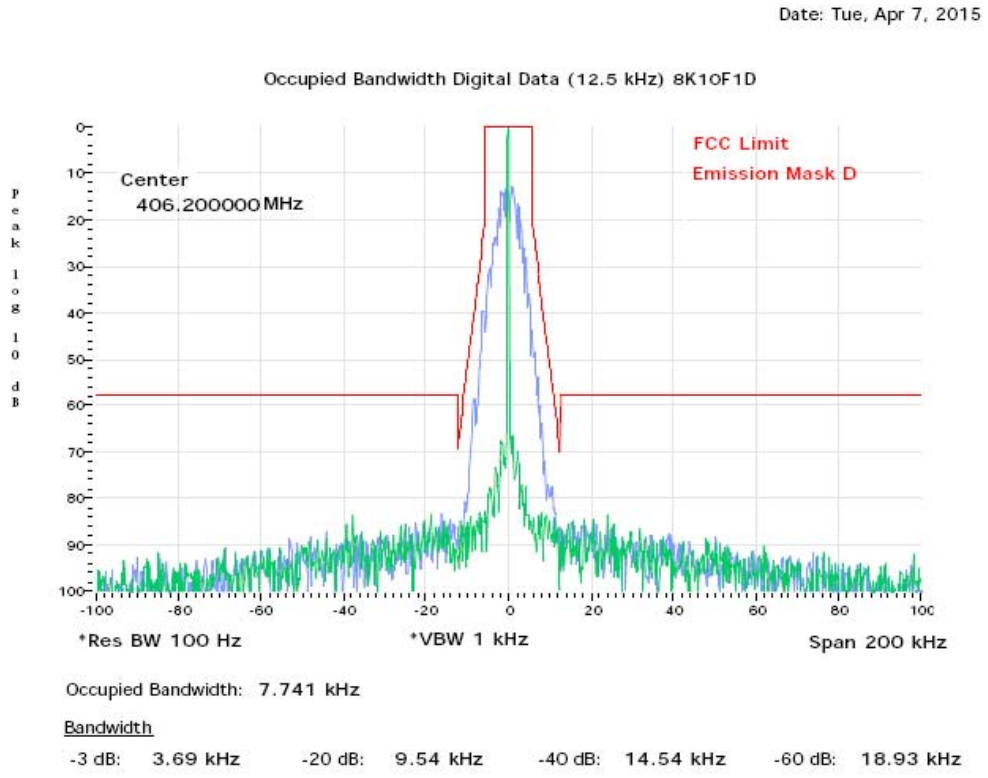


Exhibit 6E- 51 Frequency = 450.025 MHz

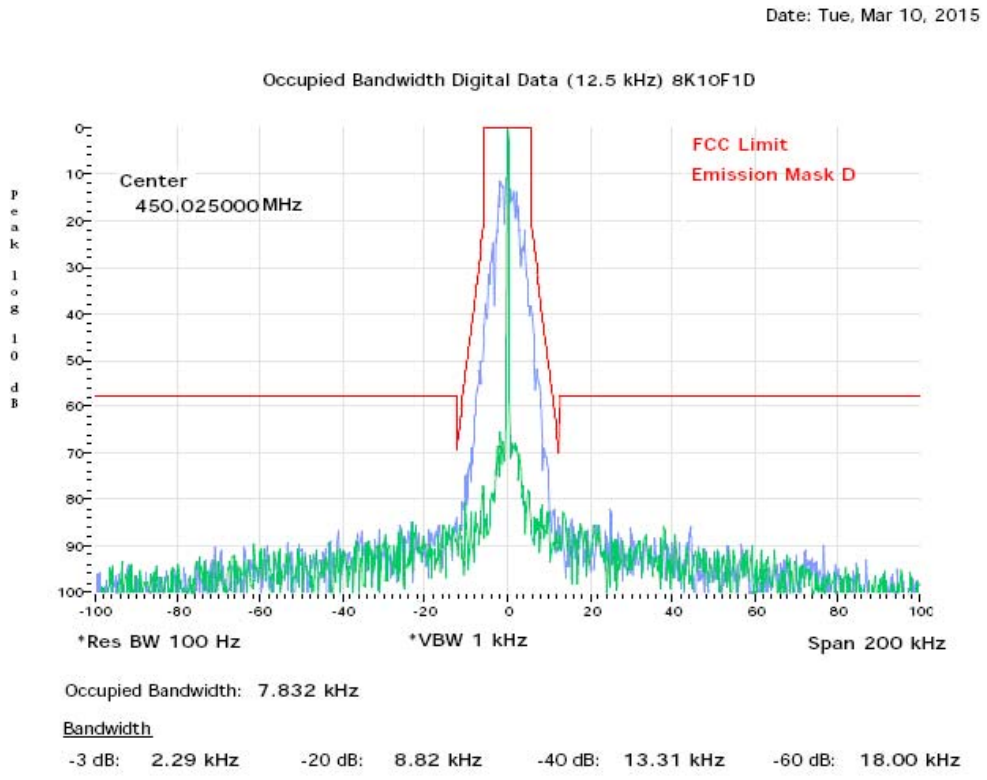


Exhibit 6E- 52 Frequency = 469.9875 MHz

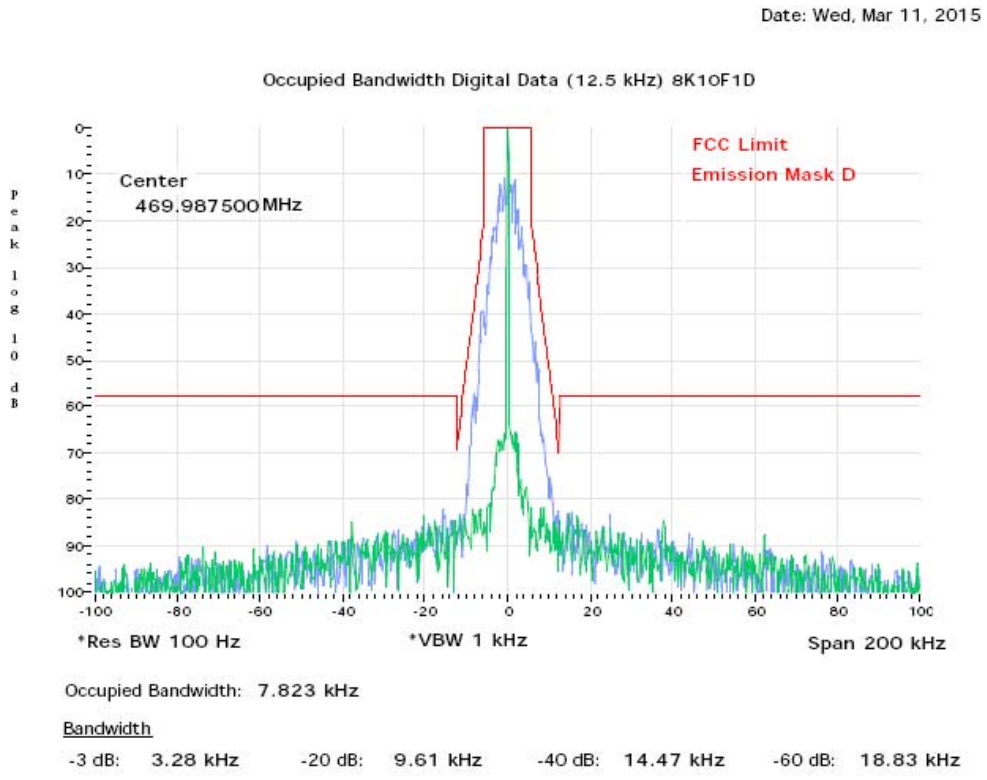


Exhibit 6E- 53 Frequency = 806.0125 MHz

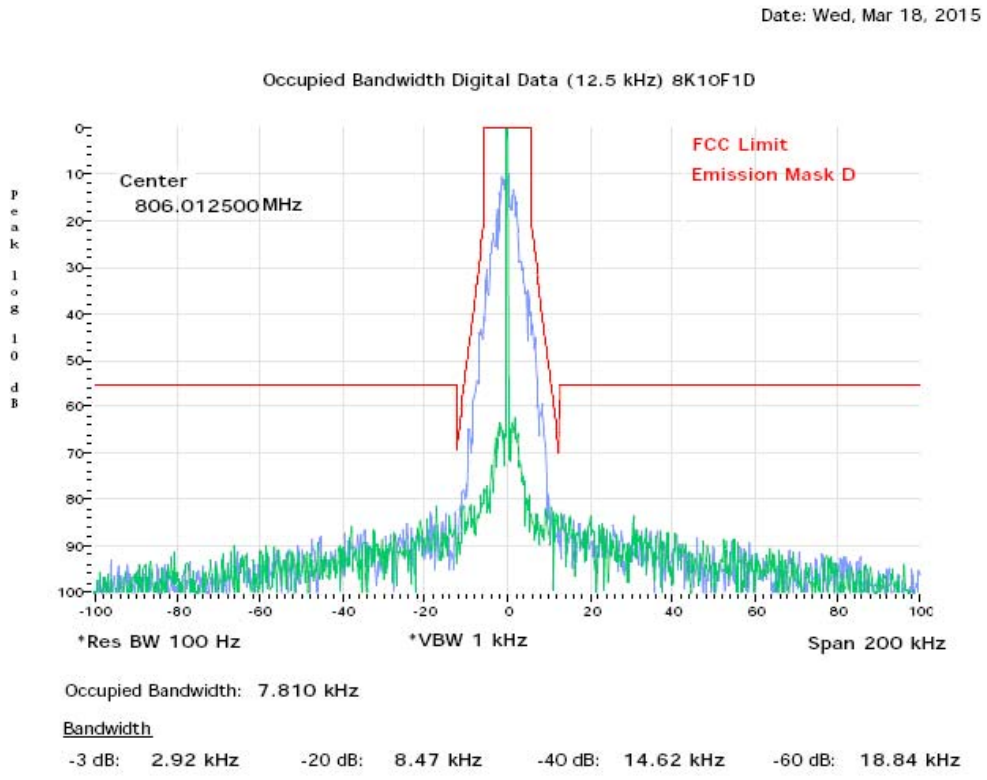
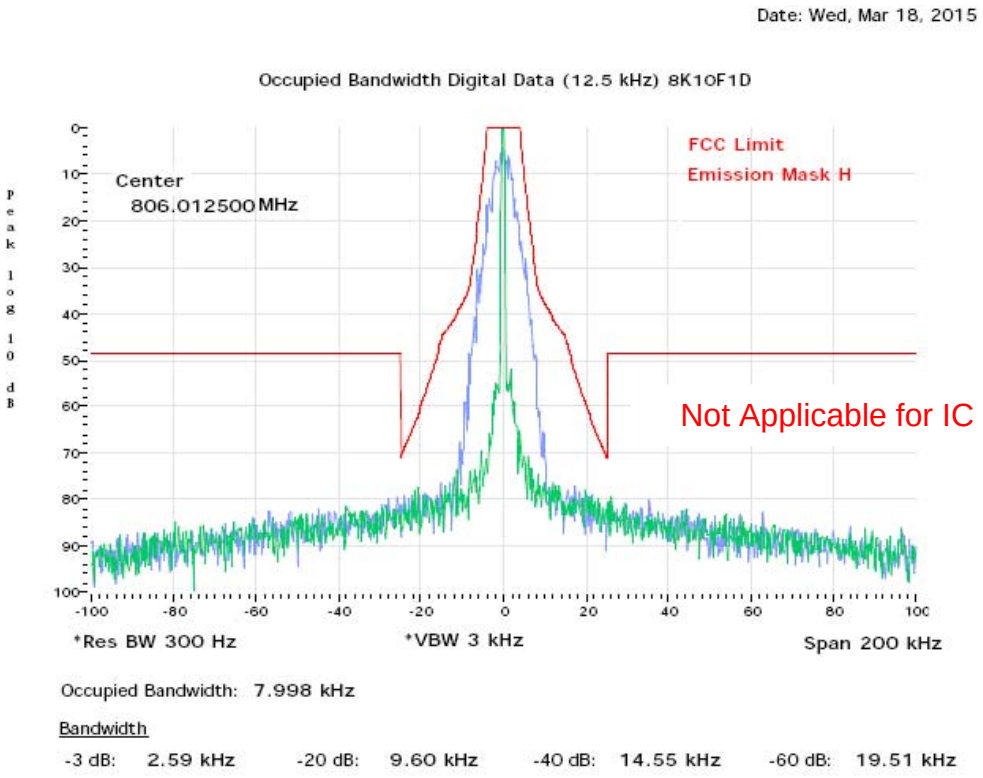


Exhibit 6E- 54 Frequency = 806.0125 MHz



Not Applicable for IC review

Exhibit 6E- 55 Frequency = 823.9875 MHz

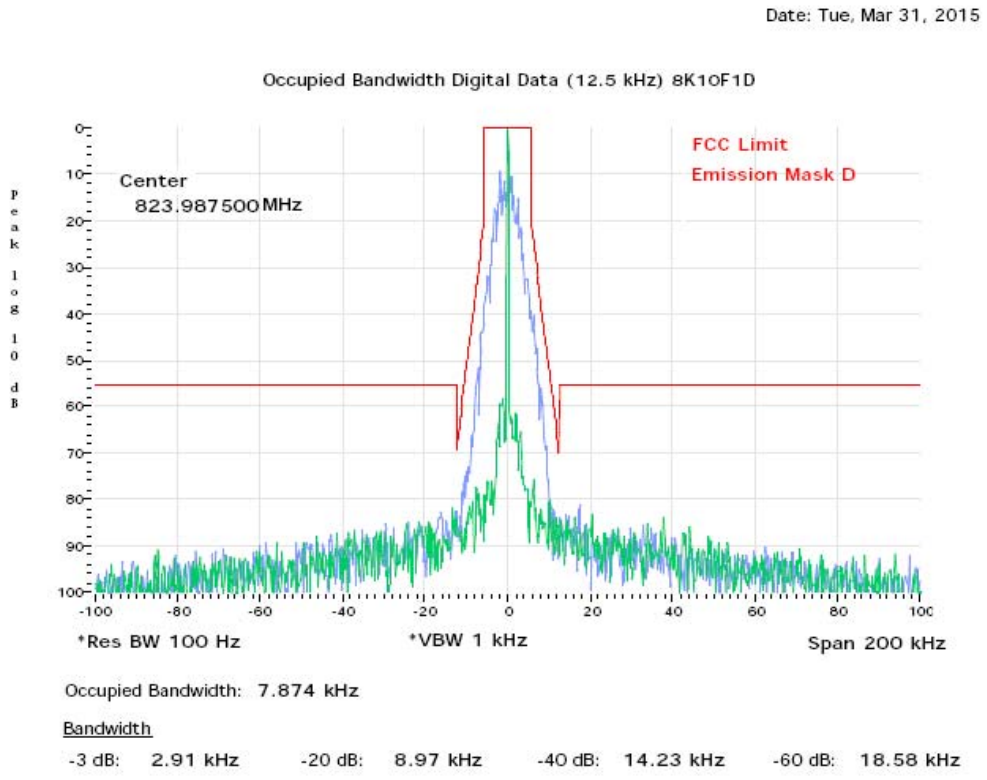
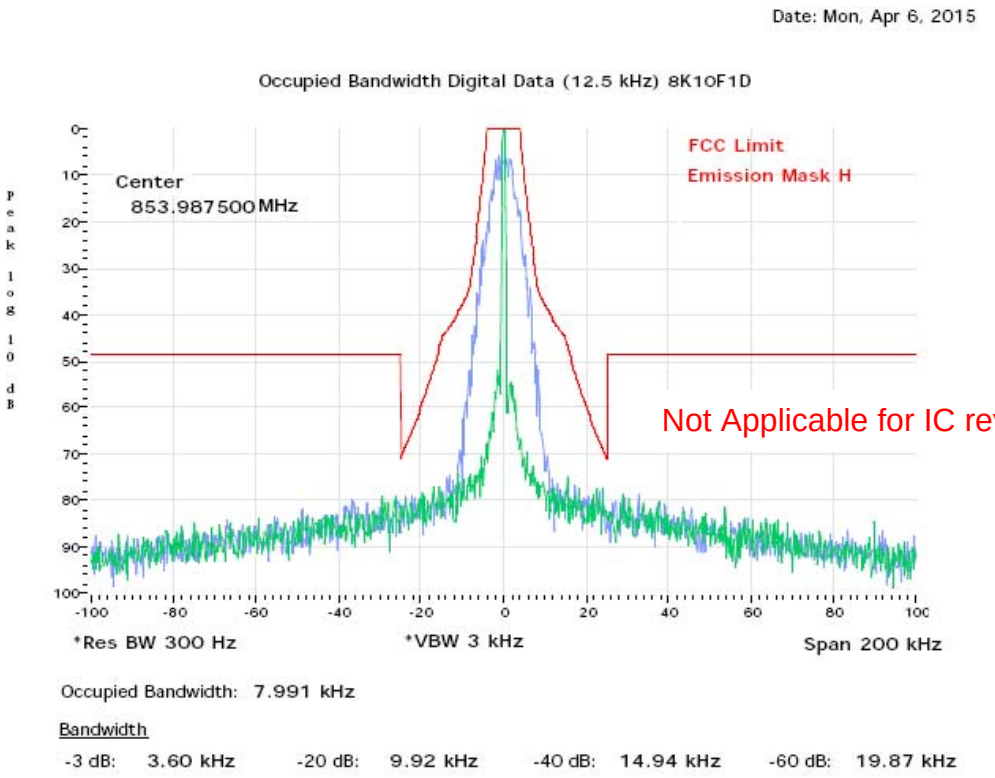
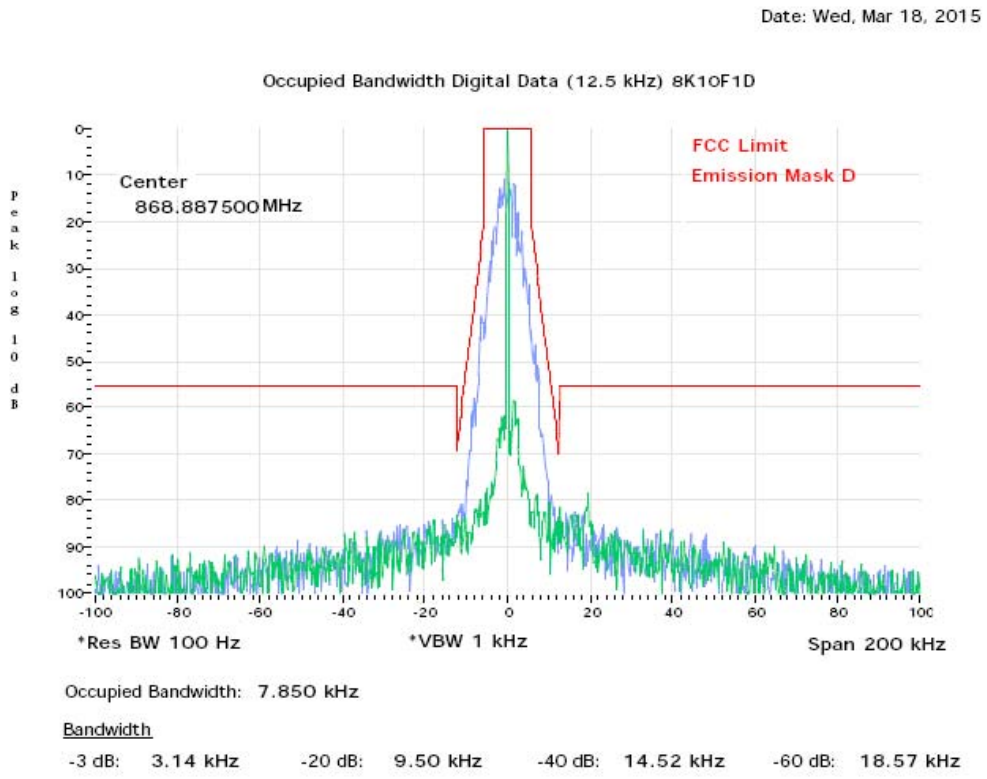


Exhibit 6E- 56 Frequency = 853.9875 MHz



Not Applicable for IC review

Exhibit 6E- 57 Frequency = 868.8875 MHz



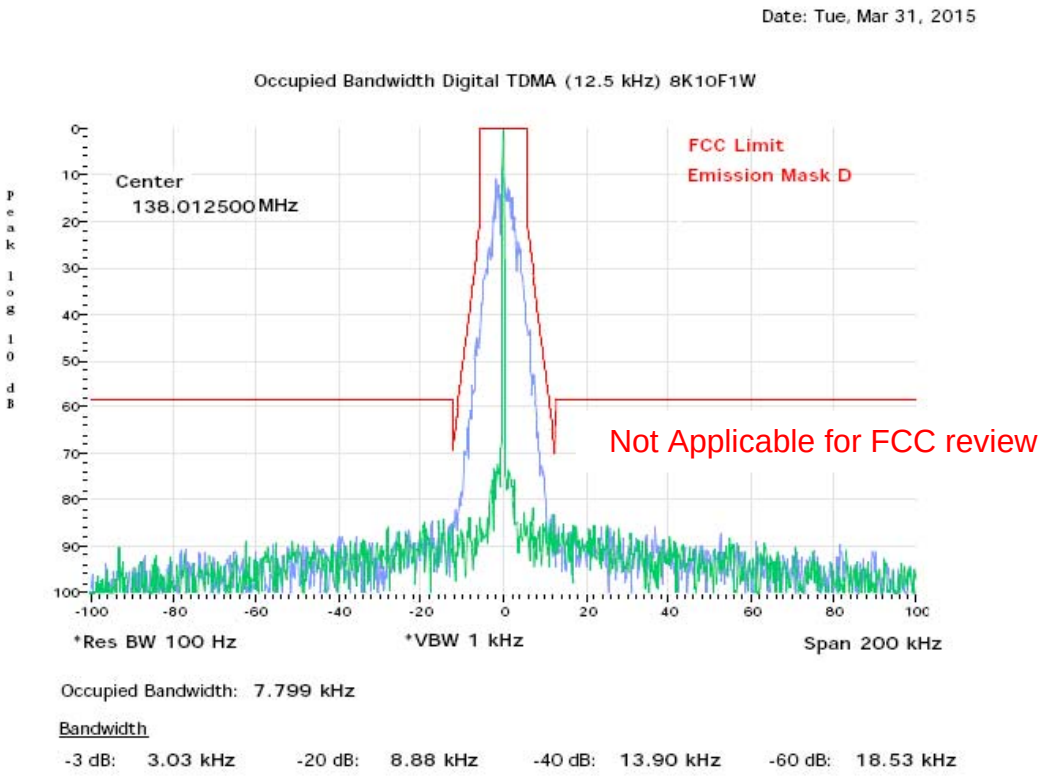
Digital (12.5 kHz Channelization, Digital TDMA):
Emission Designator 8K10F1W

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.

F1W portion of the designator indicates digital TDMA.

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

Exhibit 6E- 58 Frequency = 138.0125 MHz



Not Applicable for FCC review

Exhibit 6E- 59 Frequency = 158.55 MHz

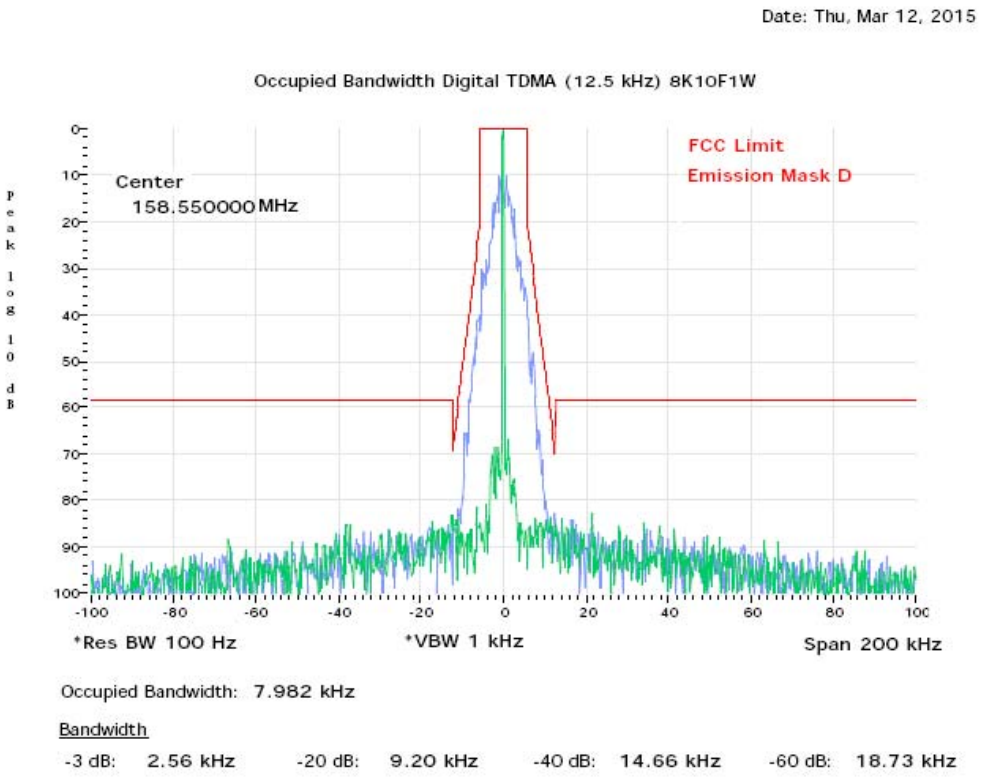


Exhibit 6E- 60 Frequency = 173.3875 MHz

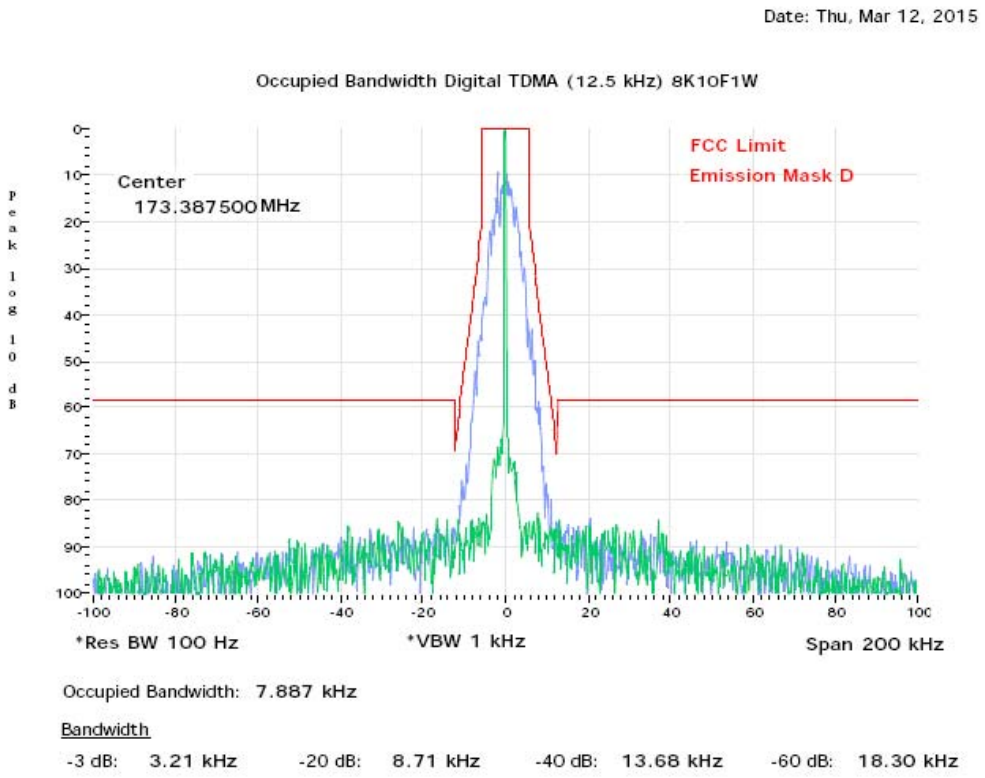


Exhibit 6E- 61 Frequency = 406.2 MHz

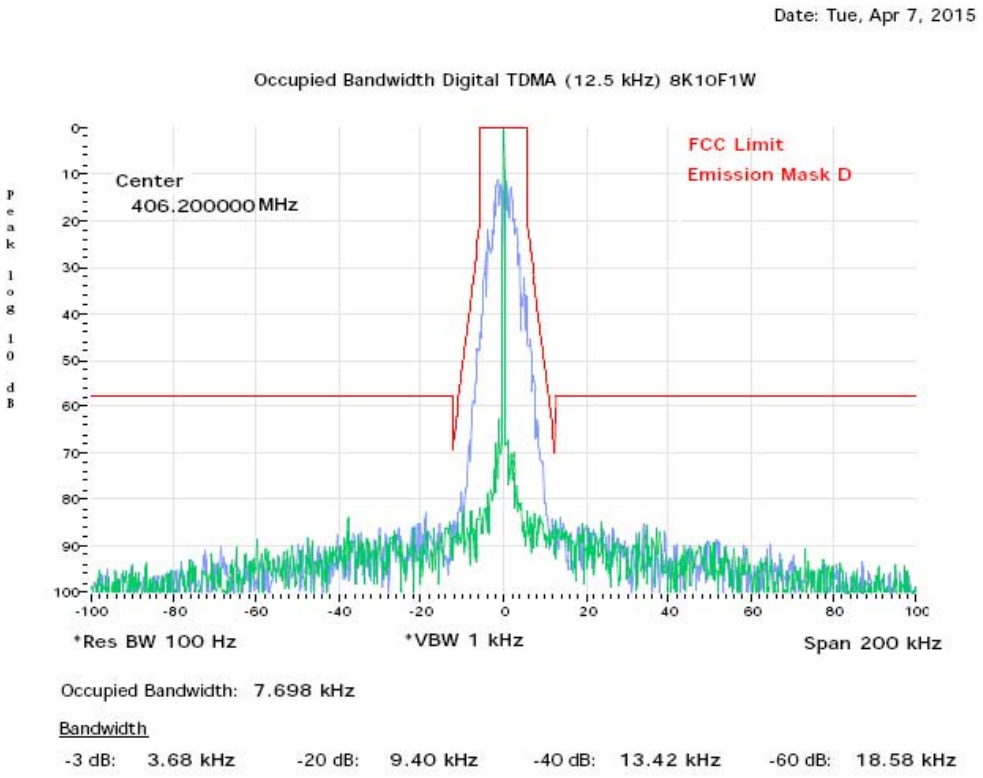


Exhibit 6E- 62 Frequency = 450.025 MHz

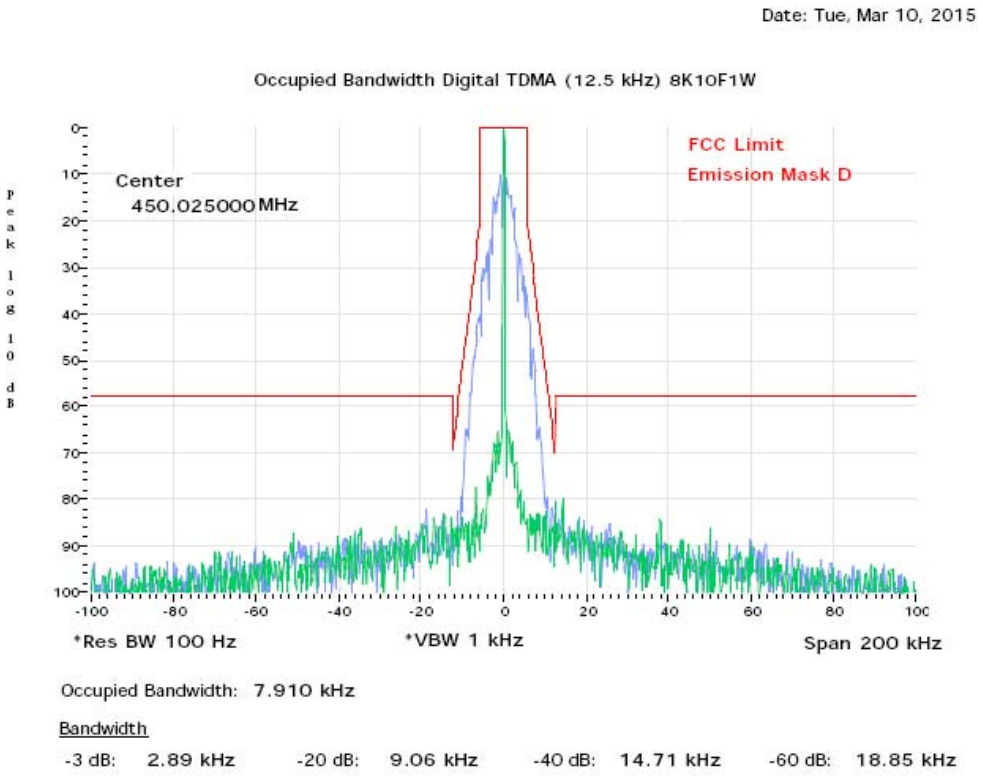


Exhibit 6E- 63 Frequency = 469.9875 MHz

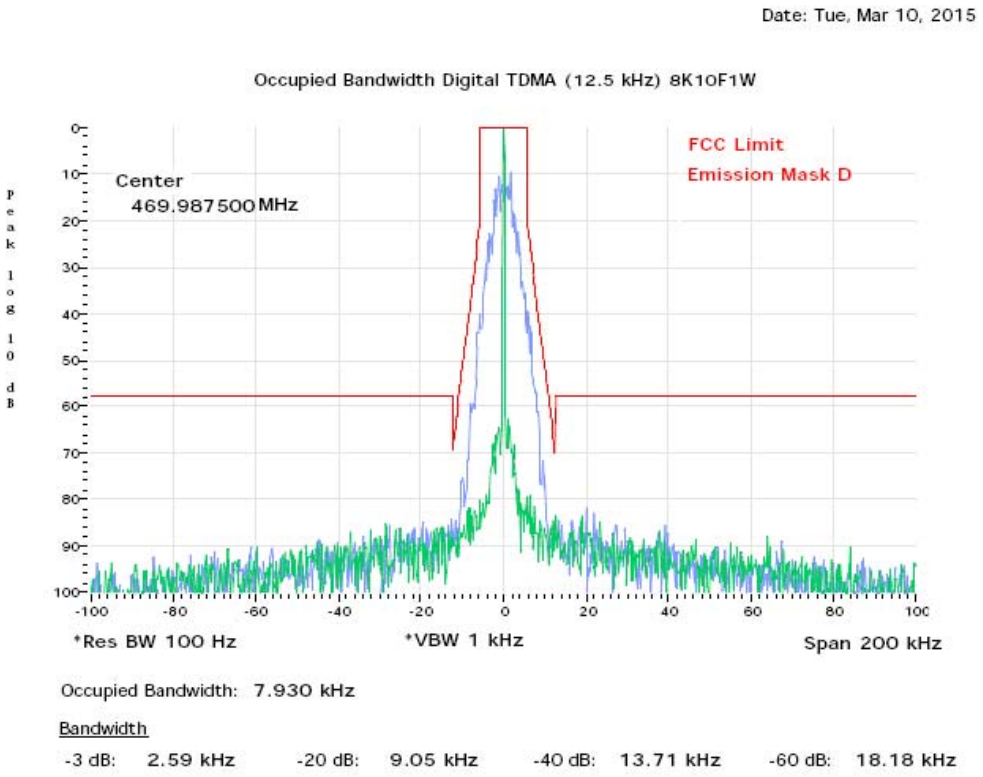


Exhibit 6E- 64 Frequency = 806.0125 MHz

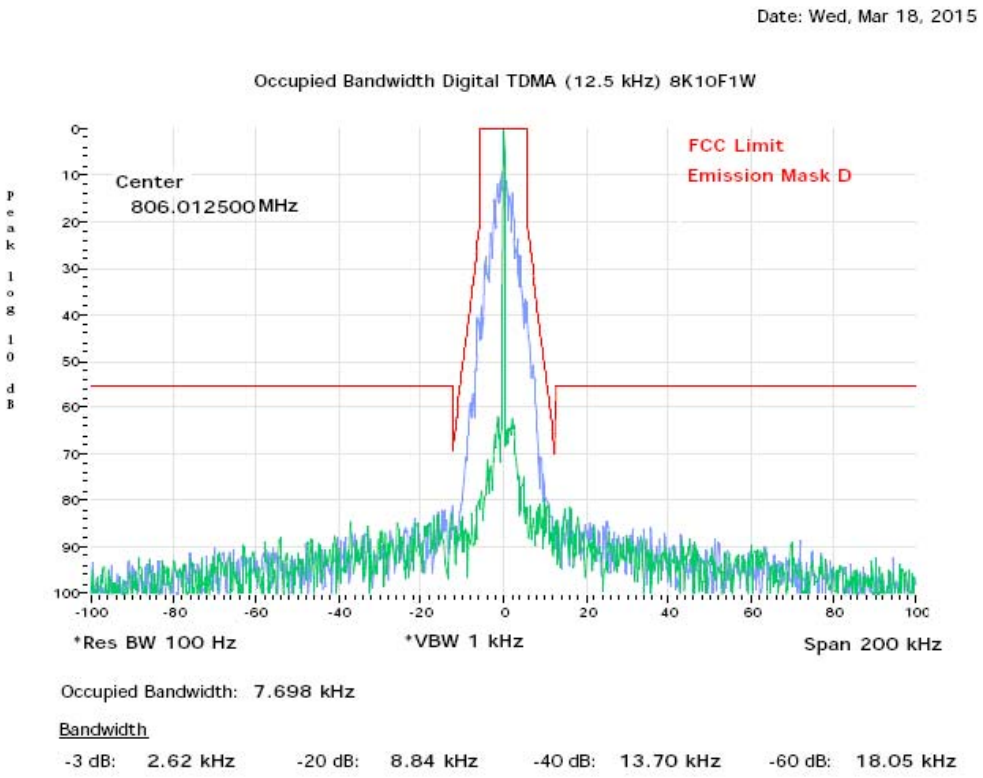
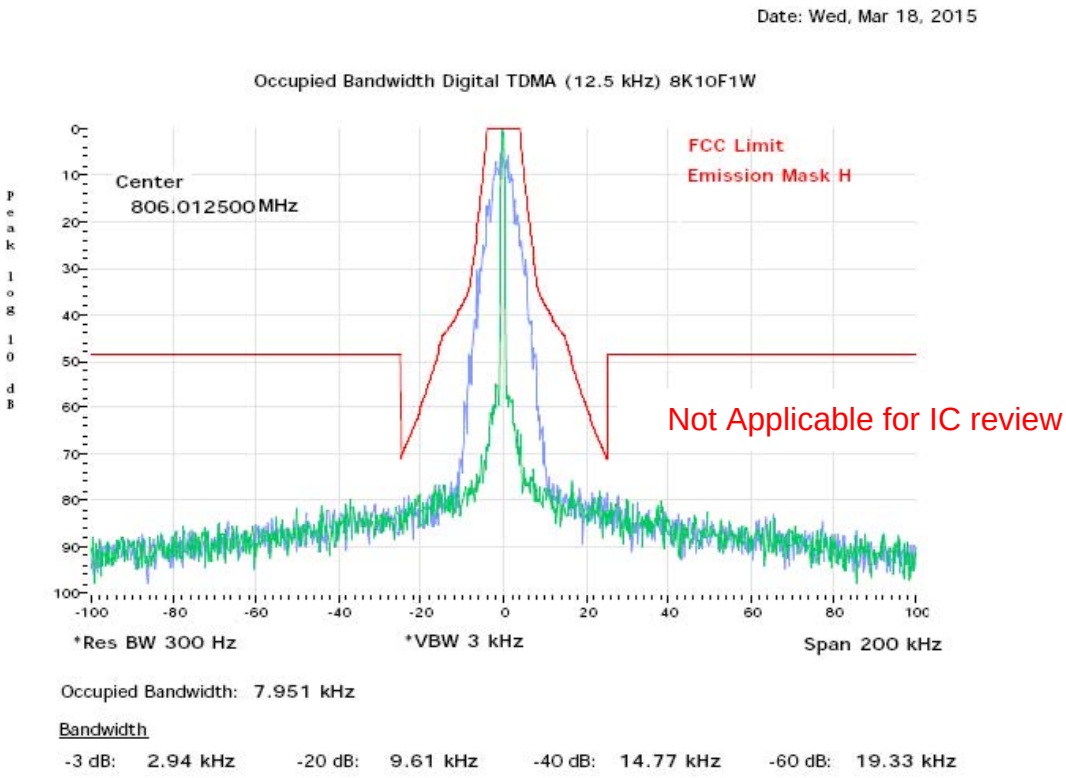


Exhibit 6E- 65 Frequency = 806.0125 MHz



Not Applicable for IC review

Exhibit 6E- 66 Frequency = 823.9875 MHz

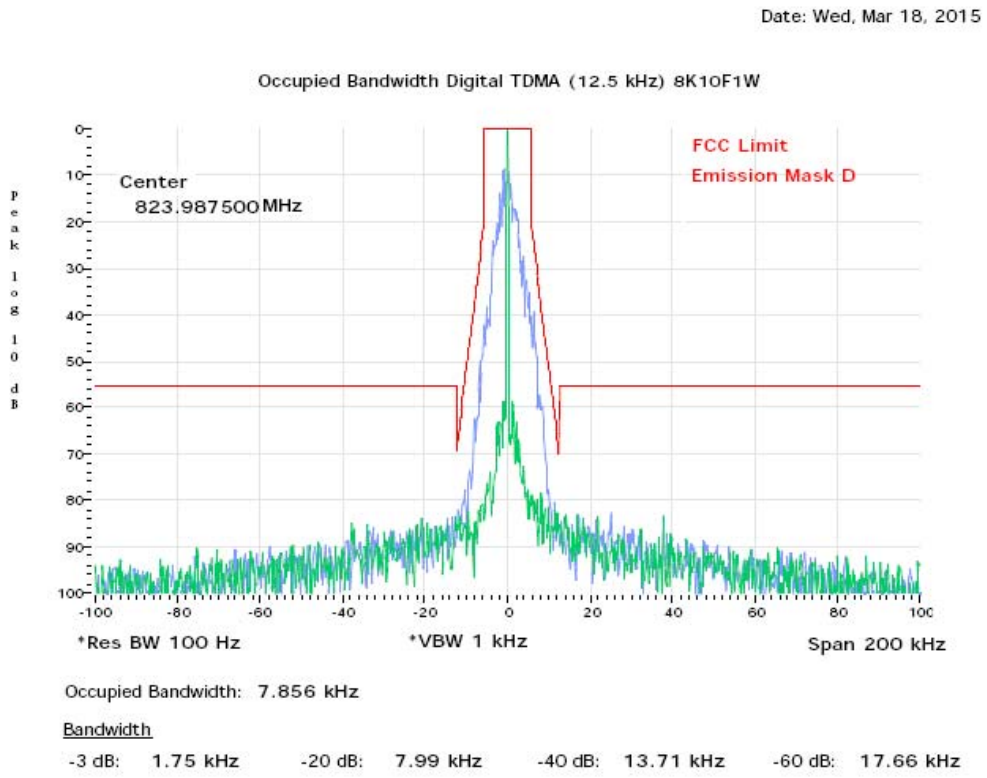
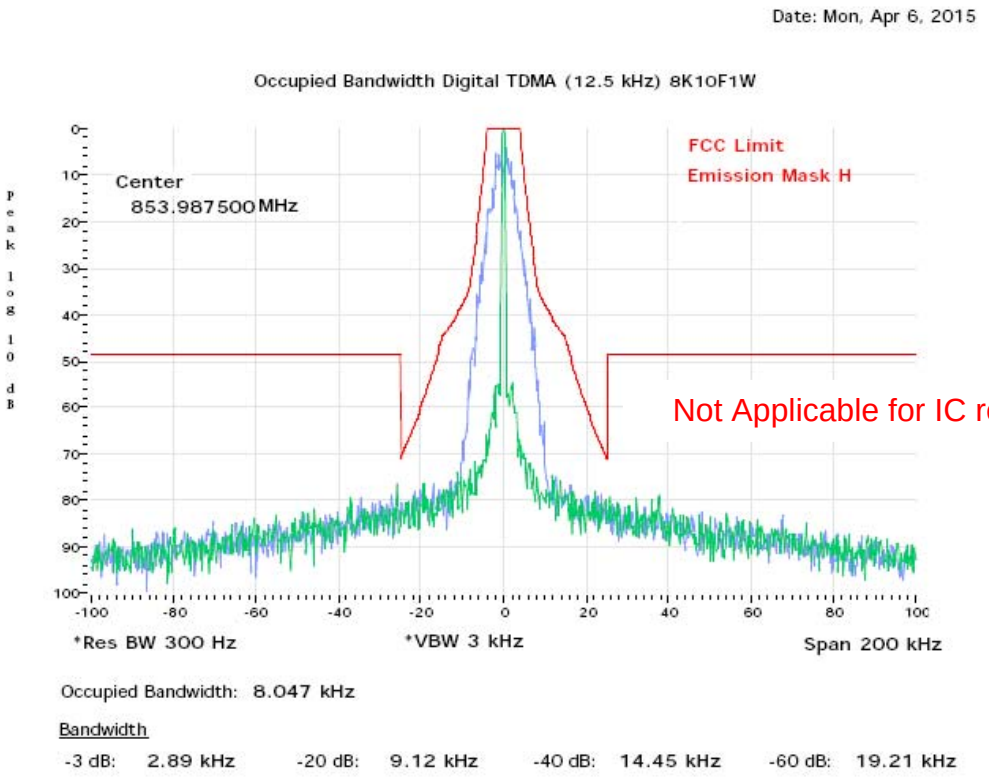
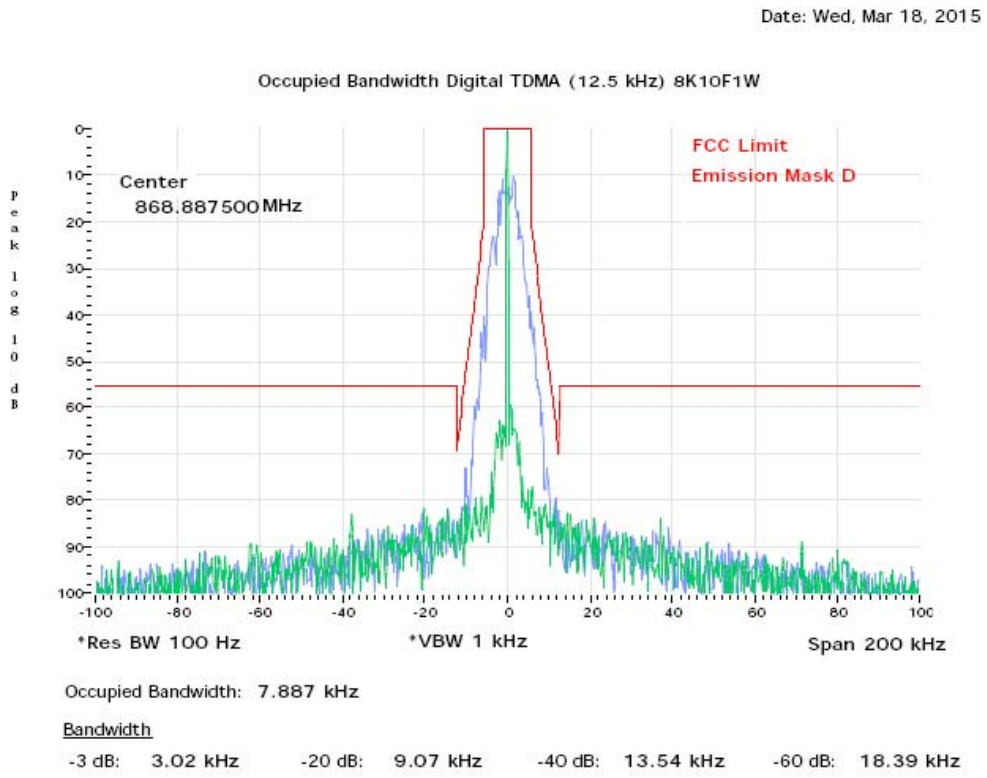


Exhibit 6E- 67 Frequency = 853.9875 MHz



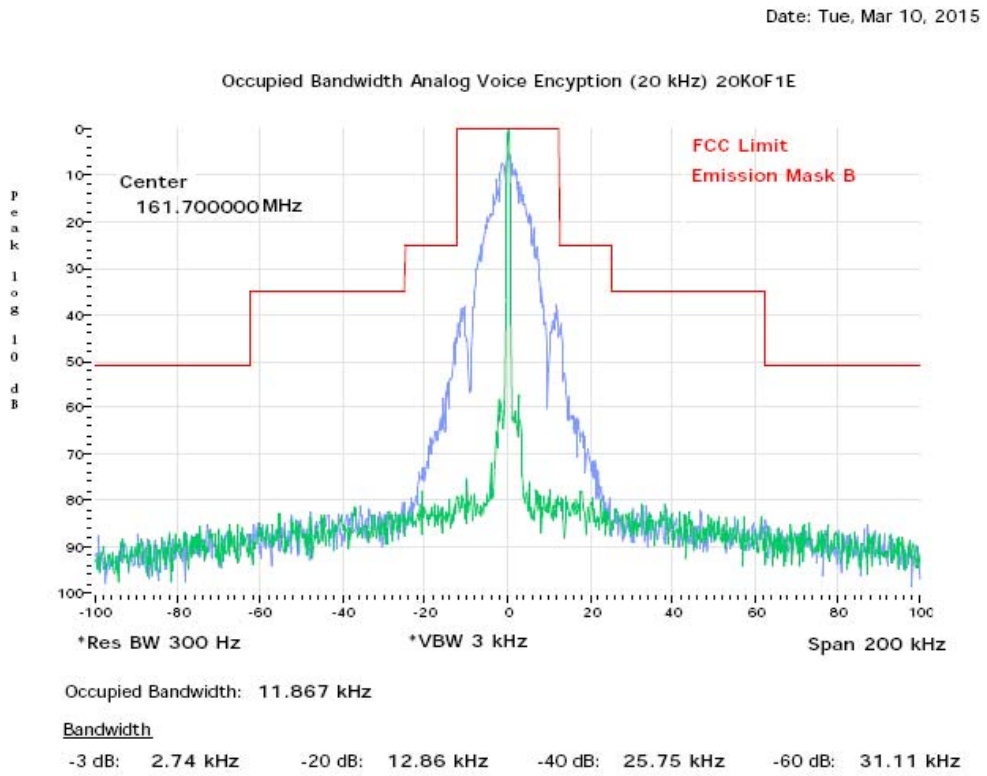
Not Applicable for IC review

Exhibit 6E- 68 Frequency = 868.8875 MHz



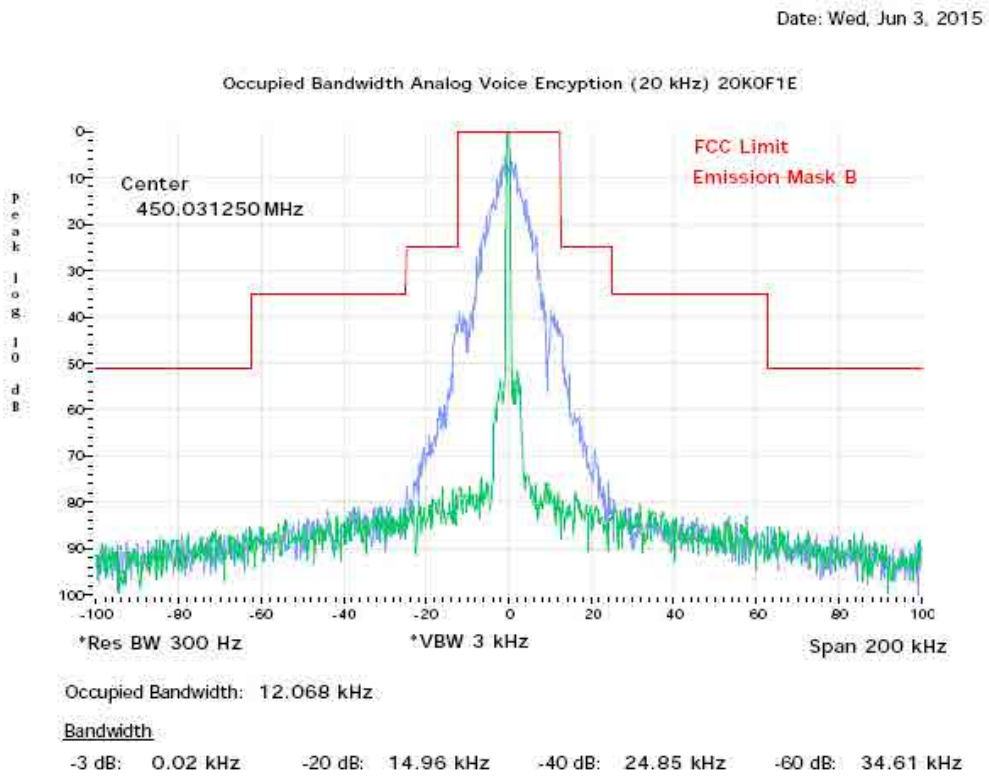
Digital Modulation (20 kHz Channelization, Analog Voice with encryption):
Emission Designator 20K0F1E
In this case, the maximum modulating frequency is 6 kHz with a 4 kHz deviation.
BW = 2(M+D) = 2*(6 kHz + 4 kHz) = 20 kHz = ➔ 20K0
F1E portion of the designator indicates digital voice.
Therefore, the entire designator for 20 kHz channelization analog voice is 20K0F1E.

Exhibit 6E- 69 Frequency = 161.7 MHz



The data above is presented for rule part 47CFR 74.462(c).

Exhibit 6E- 70 Frequency = 450.03125 MHz



The data above is presented for rule part 47CFR 74.462(c).

Exhibit 6E- 71 Frequency = 806.0125 MHz

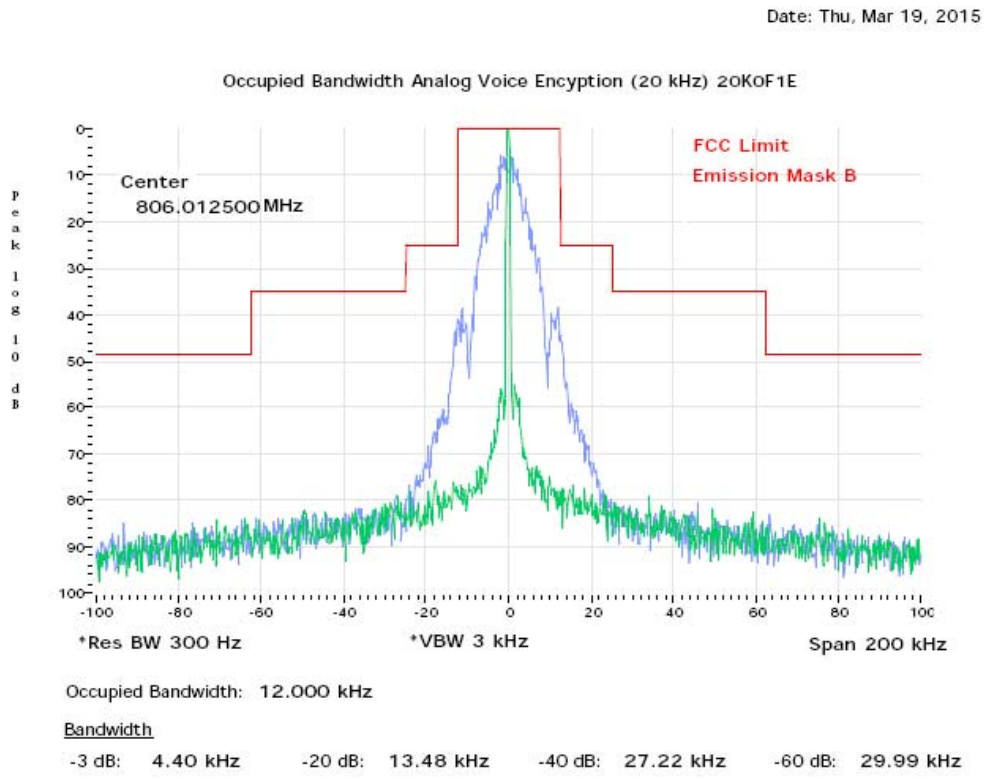


Exhibit 6E- 72 Frequency = 806.0125 MHz

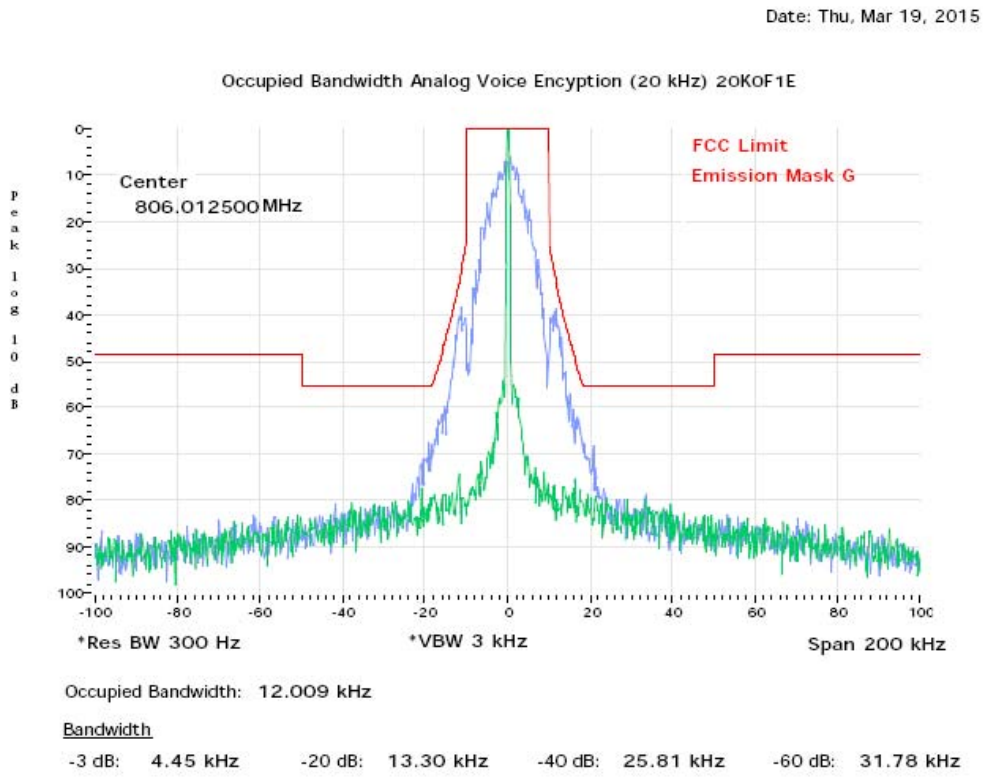


Exhibit 6E- 73 Frequency = 823.9875 MHz

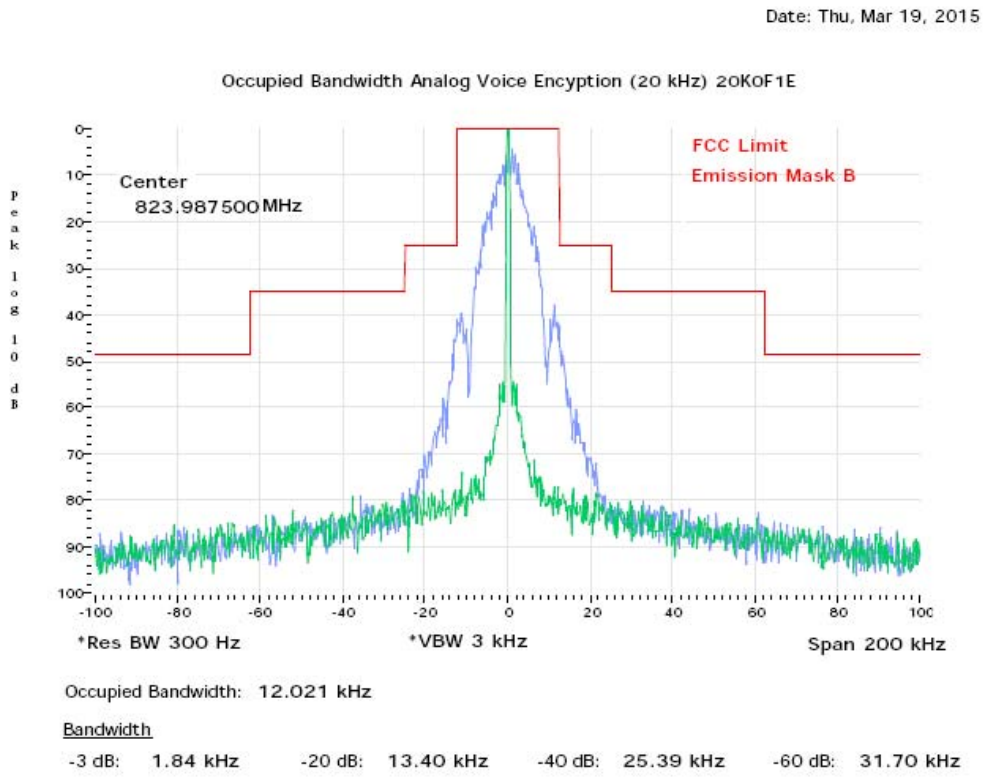


Exhibit 6E- 74 Frequency = 823.9875 MHz

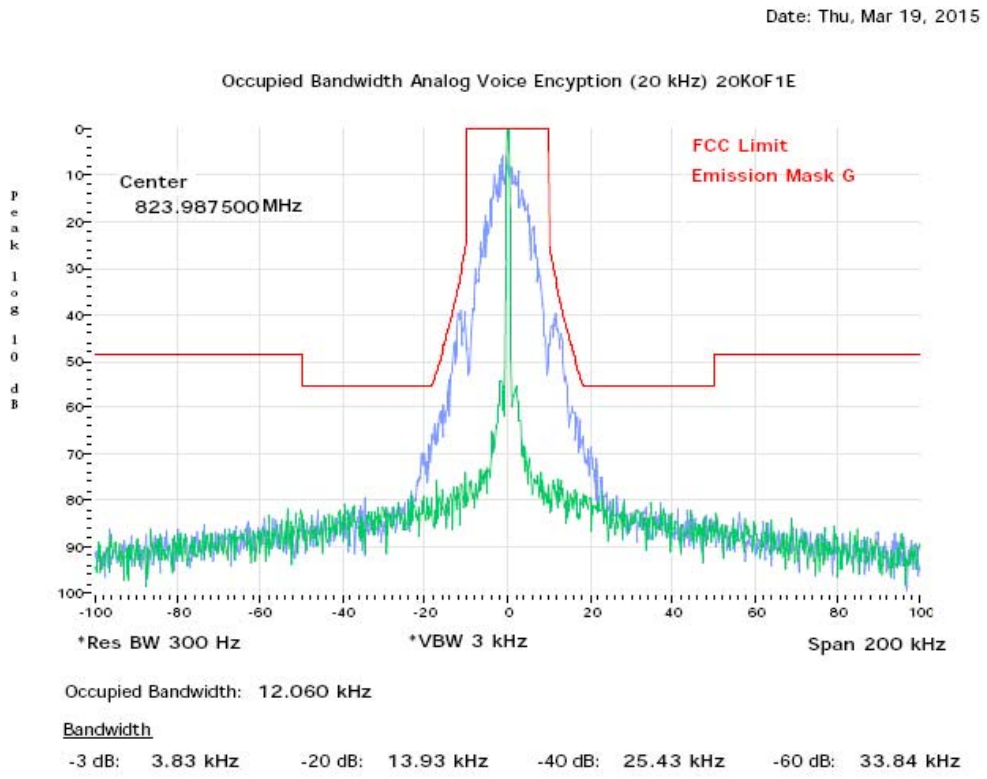


Exhibit 6E- 75 Frequency = 868.8875 MHz

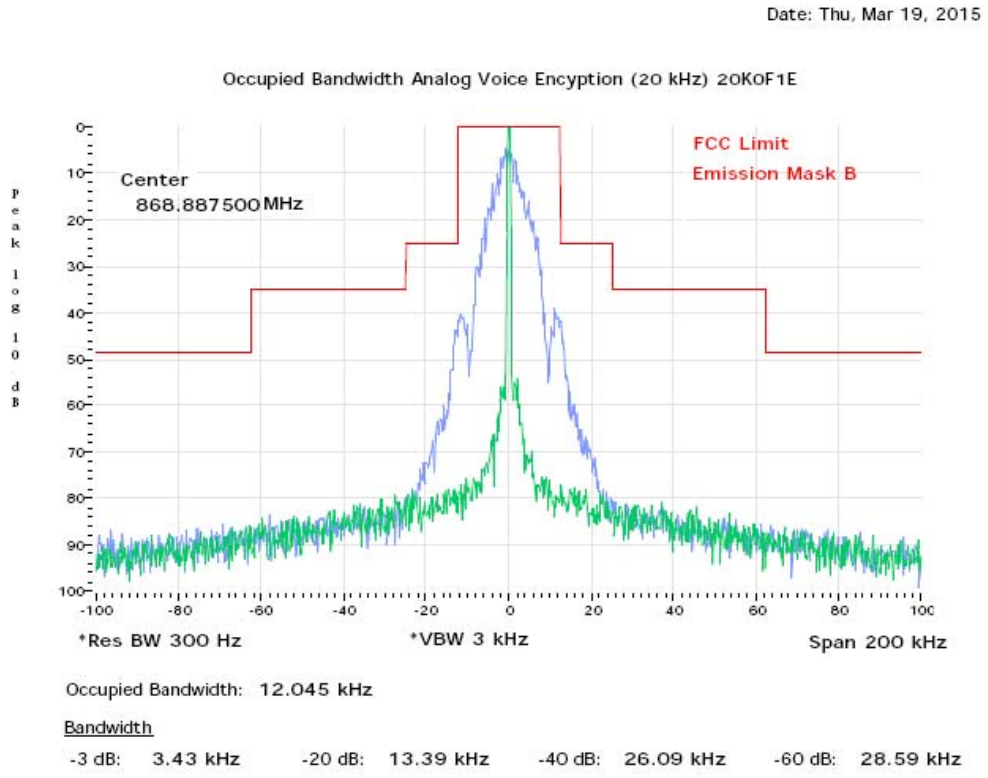
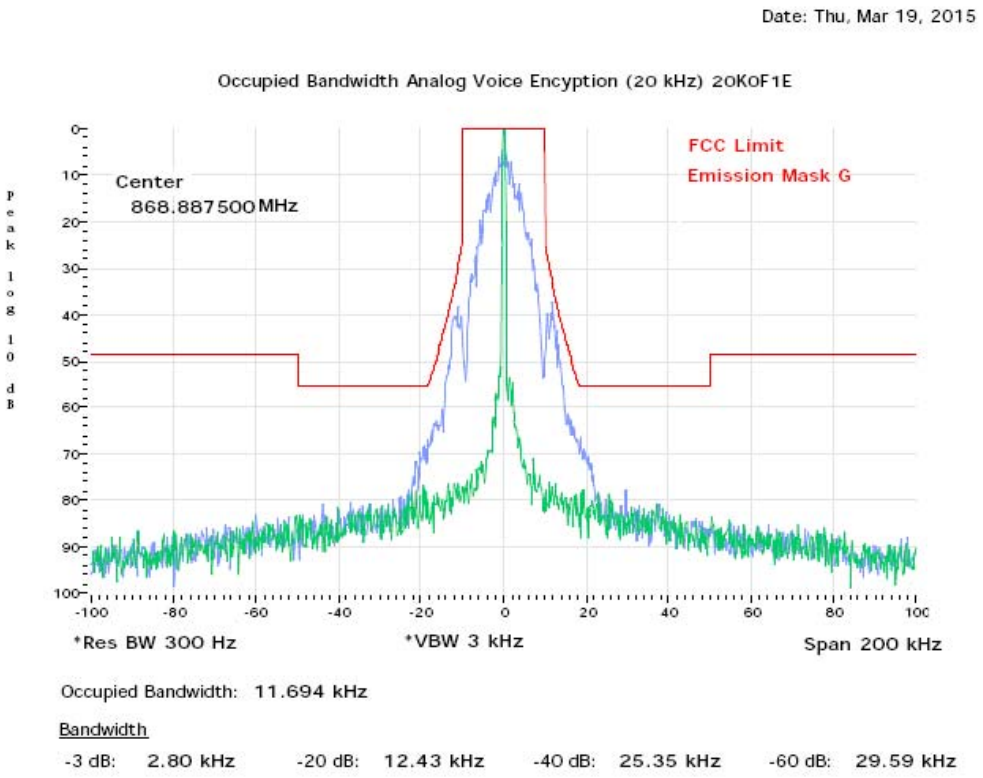
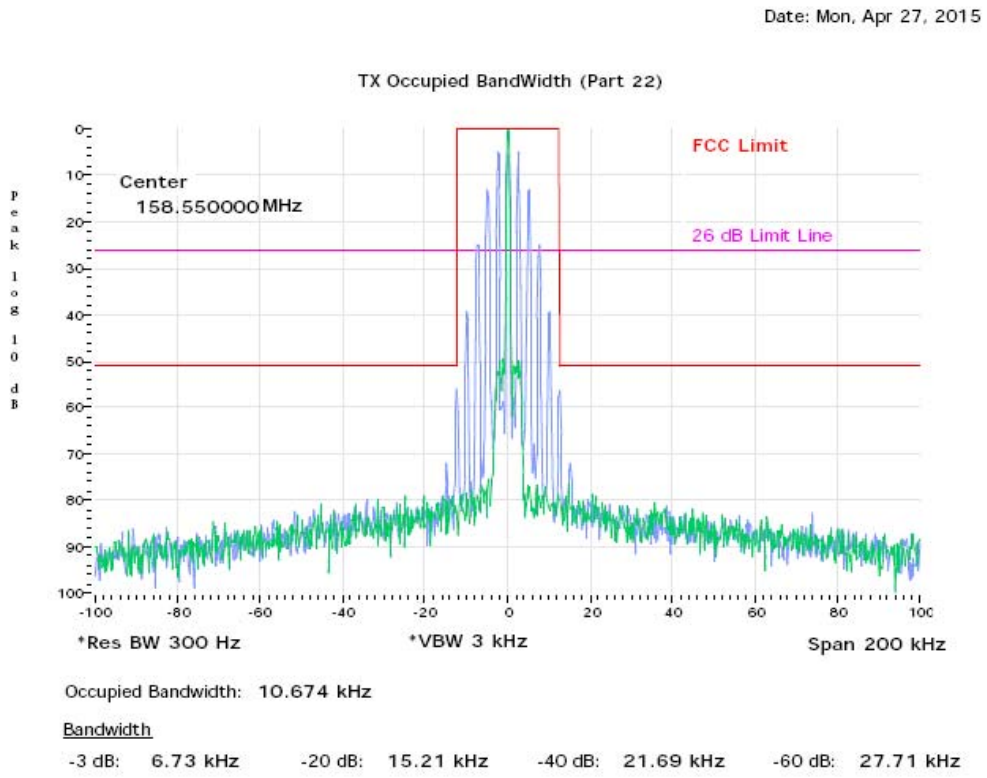


Exhibit 6E- 76 Frequency = 868.8875 MHz



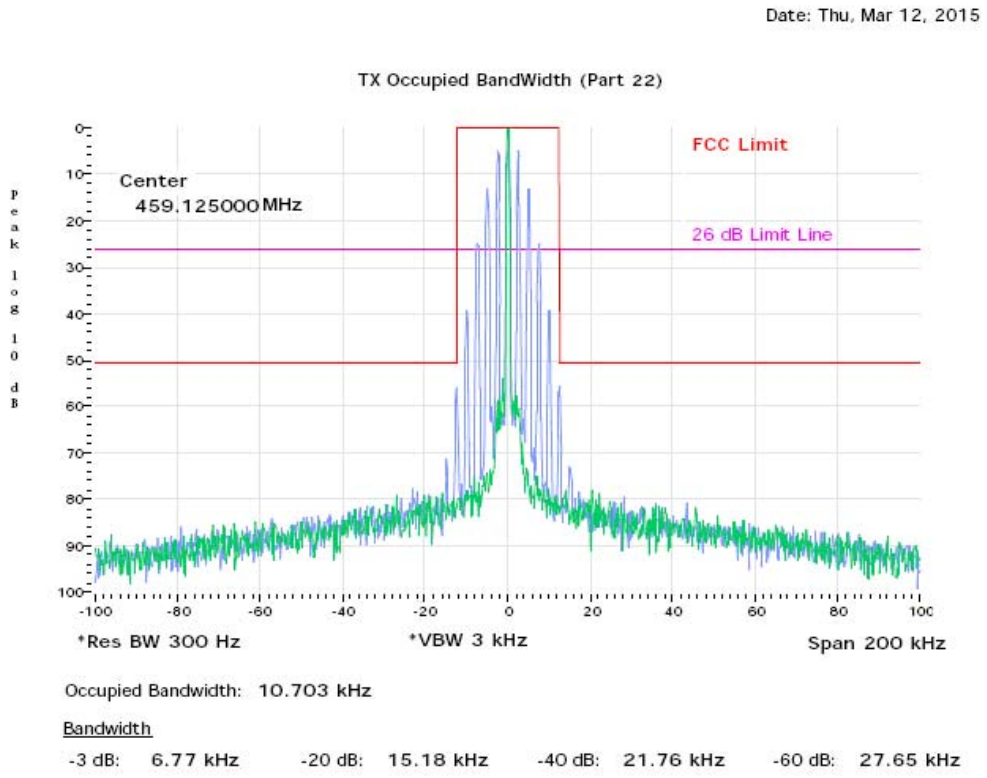
Occupied Bandwidth Data Analog Voice 20Khz: 16K0F3E (Part 22)

Exhibit 6E- 77 Frequency = 158.55 MHz



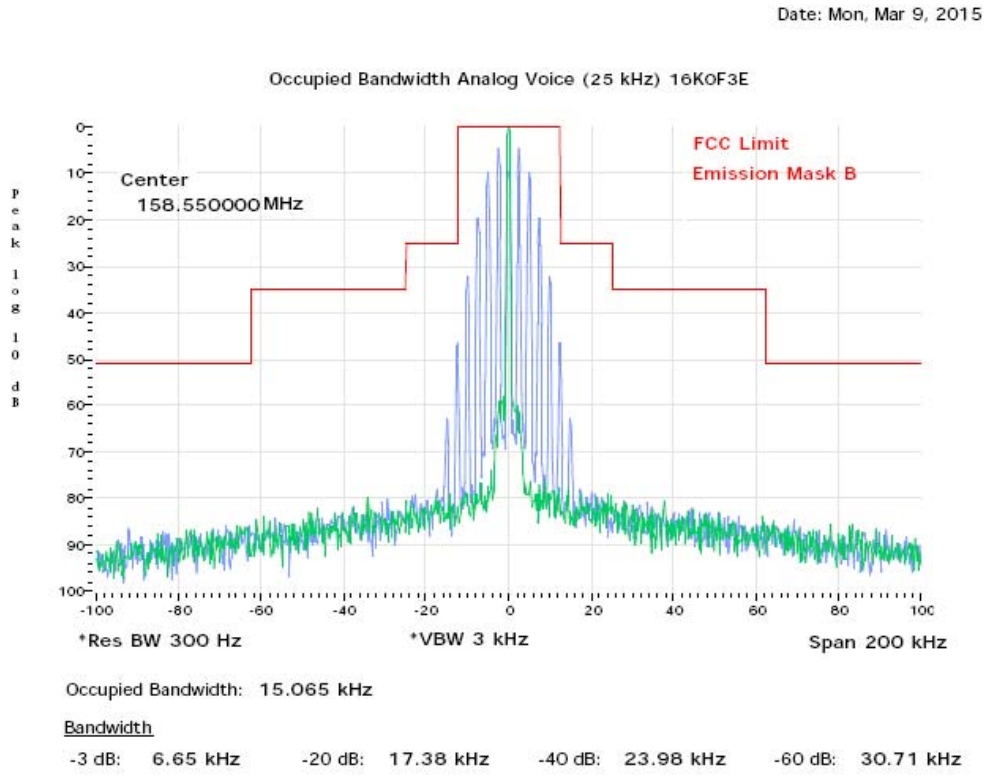
Occupied Bandwidth Data Analog Voice 20Khz: 16K0F3E (Part 22)

Exhibit 6E- 78 Frequency = 459.125 MHz



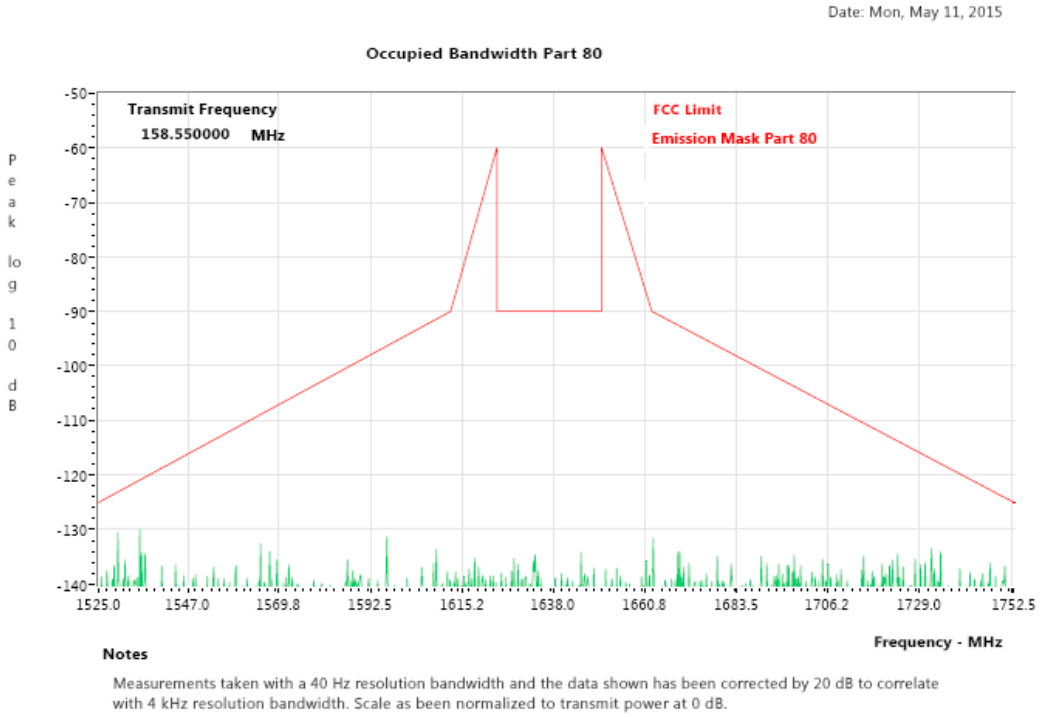
Occupied Bandwidth Data Analog Voice 20Khz: 16K0F3E (Part 80.211(f))

Exhibit 6E- 79 Frequency = 158.55 MHz



Occupied Bandwidth Data Analog Voice 20Khz: 16K0F3E (Part 80.211(c))

Exhibit 6E- 80 Frequency = 158.55 MHz

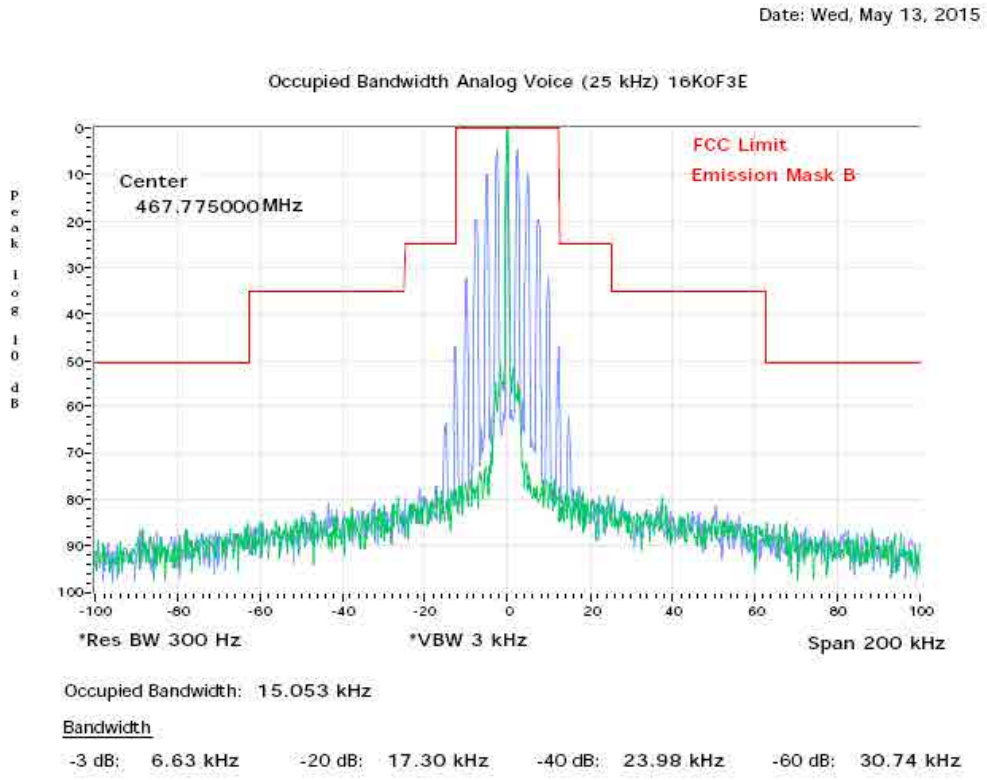


Notes

Measurements taken with a 40 Hz resolution bandwidth and the data shown has been corrected by 20 dB to correlate with 4 kHz resolution bandwidth. Scale as been normalized to transmit power at 0 dB.

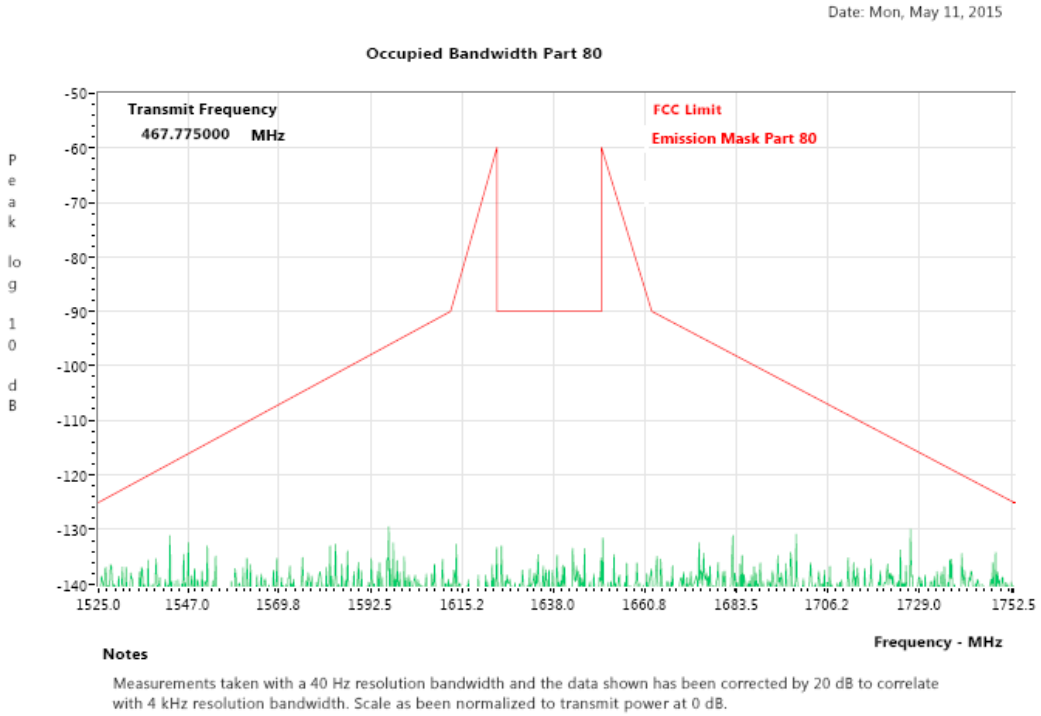
Occupied Bandwidth Data Analog Voice 20Khz: 16K0F3E (Part 80.211(f))

Exhibit 6E- 81 Frequency = 467.775 MHz



Occupied Bandwidth Data Analog Voice 20Khz: 16K0F3E (Part 80.211(c))

Exhibit 6E- 82 Frequency = 467.775 MHz



Notes

Measurements taken with a 40 Hz resolution bandwidth and the data shown has been corrected by 20 dB to correlate with 4 kHz resolution bandwidth. Scale as been normalized to transmit power at 0 dB.

Exhibit 6F

Transmit Radiated Spurious Emissions

Equipment under test:	H91TGD9PW7AN	S/N: KT000006A01MK410M8
	H91TGD9PW7AN	S/N: KT000006A01MK4KA12JT
Measurement Criteria:	Compliance Testing Radiated Emissions	
EMC Measurement Lab:	Motorola Solutions, Inc. Malaysia Sdn Bhd (455657-H) Plot 2, Bayan Lepas Technoplex Industrial Park, Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia	
Results Summary:	EUT meets the test requirements	

Test Configurations: Radiated Spurious Emissions Transmit Frequencies:
136.0125 MHz, 138.0125 MHz, 158.55 MHz, 161.7 MHz, 173.3875 MHz, 380.0125 MHz, 406.2 MHz, 450.025 MHz, 459.125 MHz, 467.775 MHz, 469.9875 MHz, 482.0125 MHz, 511.9875 MHz, 519.9875 MHz, 764.0125 MHz, 768.0125 MHz, 769.0875 MHz, 804.9125 MHz, 805.9875 MHz, 806.0125 MHz, 814.9875 MHz, 823.9875 MHz, 851.0125 MHz, 860.0125 MHz, and 868.8875 MHz at 12.5 kHz high power Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA.

Radiated Spurious Emissions Transmit Frequencies:
138.0125 MHz, 158.55 MHz, 161.7 MHz, 173.3875 MHz, 406.2 MHz, 450.025 MHz, 467.775 MHz, 469.9875 MHz, and 511.9875 MHz at 12.5 kHz low power Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA.

Radiated Spurious Emissions Transmit Frequencies:
136.0125 MHz, 138.0125 MHz, 158.55 MHz, 161.7 MHz, 173.3875 MHz, 380.0125 MHz, 406.2 MHz, 450.025 MHz, 459.125 MHz, 469.9875 MHz, 511.9875 MHz, 519.9875 MHz, 806.0125 MHz, 814.9875 MHz, 823.9875 MHz, 851.0125 MHz, 860.0125 MHz, and 868.8875 MHz at 25 kHz high power analog FM.

Radiated Spurious Emissions Transmit Frequencies:
158.55 MHz, 161.7 MHz, 459.125 MHz, 467.775 MHz, 482.0125 MHz, and 511.9875 MHz at 20 kHz high power analog FM.

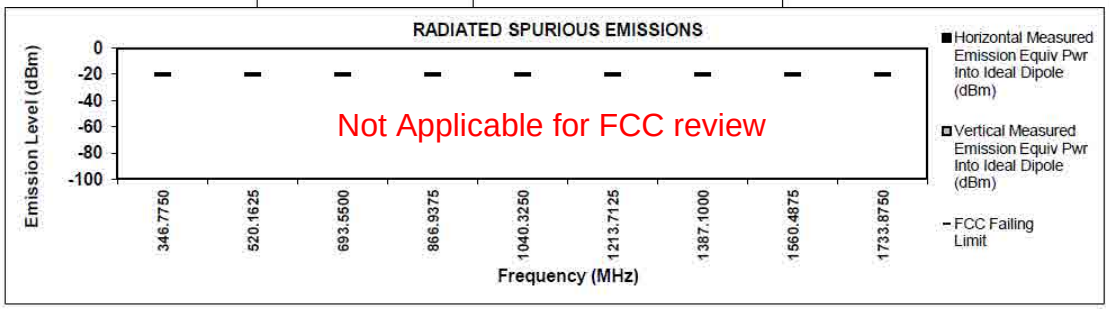
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

136.0125 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
272.0250	-20	**	**
408.0375	-20	**	**
544.0500	-20	**	**
680.0625	-20	**	**
816.0750	-20	**	**
952.0875	-20	**	**
1088.1000	-20	**	**
1224.1125	-20	**	**
1360.1250	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 1

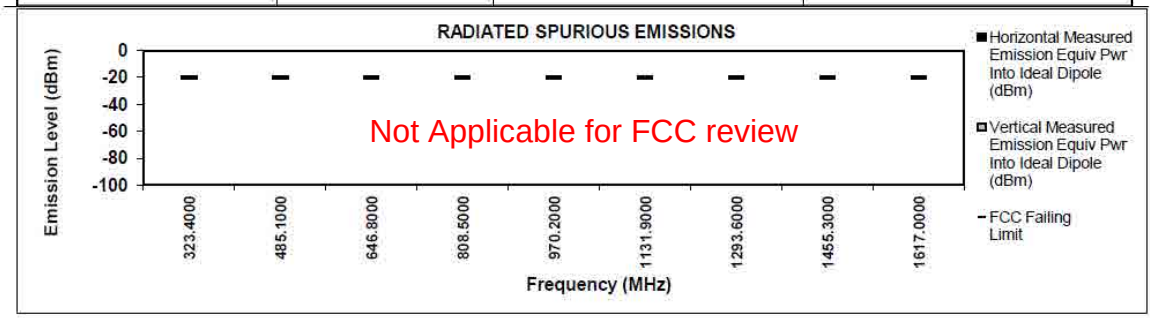
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

138.0125 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20	**	**
414.0375	-20	**	**
552.0500	-20	**	**
690.0625	-20	**	**
828.0750	-20	**	**
966.0875	-20	**	**
1104.1000	-20	**	**
1242.1125	-20	**	**
1380.1250	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 2

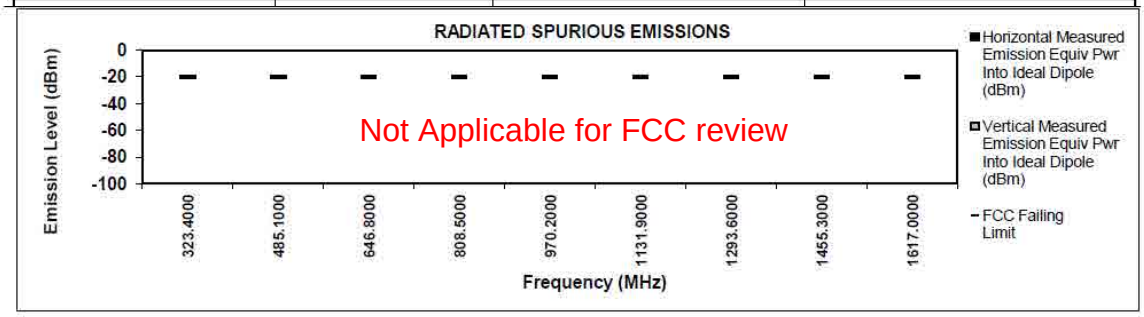
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

138.0125 MHz **12.5 kHz** **1 Watt(s)/Low Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20	**	**
414.0375	-20	**	**
552.0500	-20	**	**
690.0625	-20	**	**
828.0750	-20	**	**
966.0875	-20	**	**
1104.1000	-20	**	**
1242.1125	-20	**	**
1380.1250	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 3

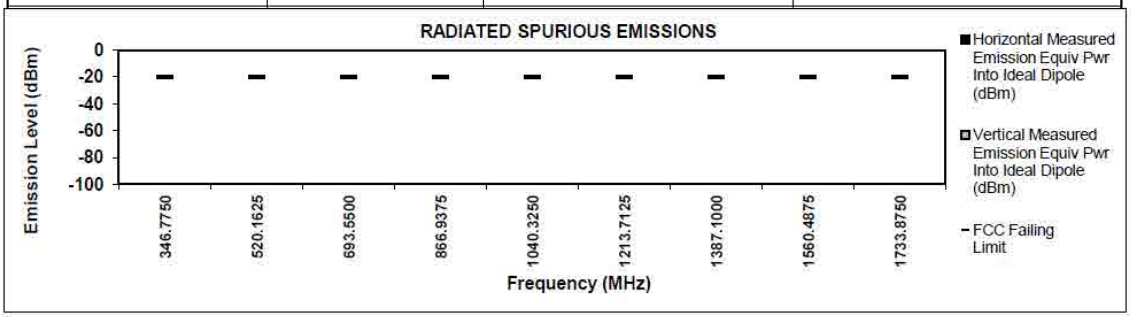
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

158.55 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20	**	**
475.6500	-20	**	**
634.2000	-20	**	**
792.7500	-20	**	**
951.3000	-20	**	**
1109.8500	-20	**	**
1268.4000	-20	**	**
1426.9500	-20	**	**
1585.5000	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6F- 4

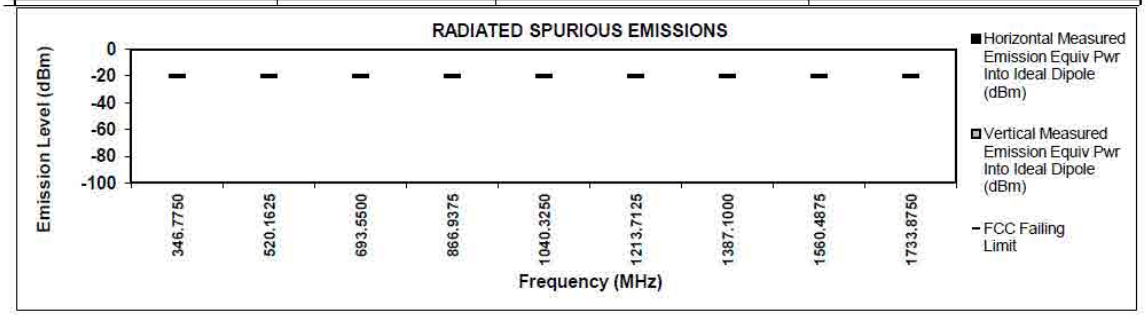
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

158.55 MHz **12.5 kHz** **1 Watt(s)/Low Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20	**	**
475.6500	-20	**	**
634.2000	-20	**	**
792.7500	-20	**	**
951.3000	-20	**	**
1109.8500	-20	**	**
1268.4000	-20	**	**
1426.9500	-20	**	**
1585.5000	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 5

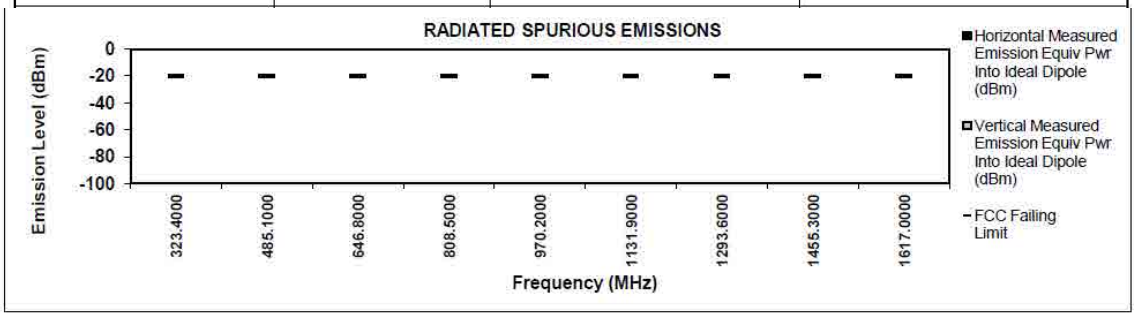
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

161.7 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20	**	**
485.1000	-20	**	**
646.8000	-20	**	**
808.5000	-20	**	**
970.2000	-20	**	**
1131.9000	-20	**	**
1293.6000	-20	**	**
1455.3000	-20	**	**
1617.0000	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 6

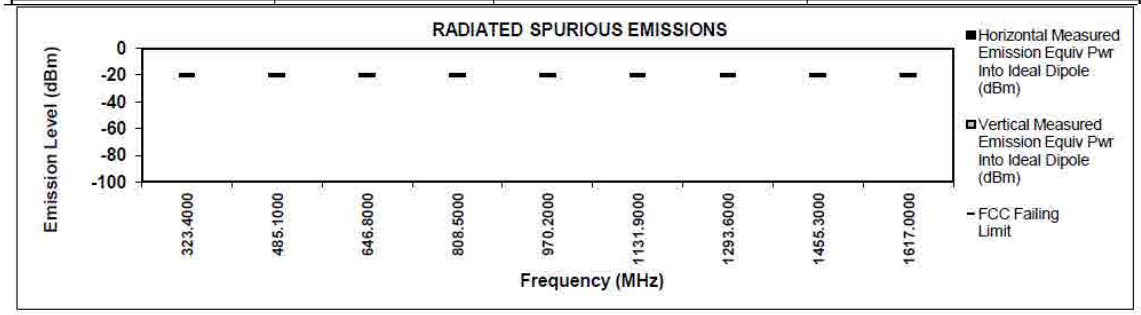
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

161.7 MHz **12.5 kHz** **1 Watt(s)/Low Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20	**	**
485.1000	-20	**	**
646.8000	-20	**	**
808.5000	-20	**	**
970.2000	-20	**	**
1131.9000	-20	**	**
1293.6000	-20	**	**
1455.3000	-20	**	**
1617.0000	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6F- 7

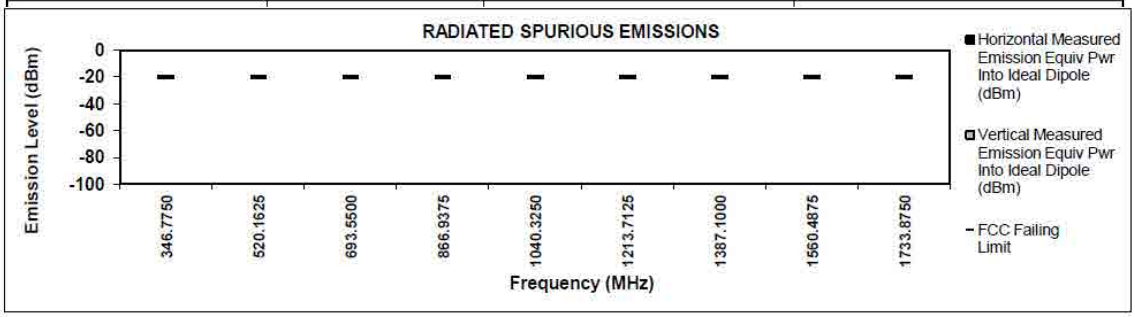
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

173.3875 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-20	**	**
520.1625	-20	**	**
693.5500	-20	**	**
866.9375	-20	**	**
1040.3250	-20	**	**
1213.7125	-20	**	**
1387.1000	-20	**	**
1560.4875	-20	**	**
1733.8750	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6F- 8

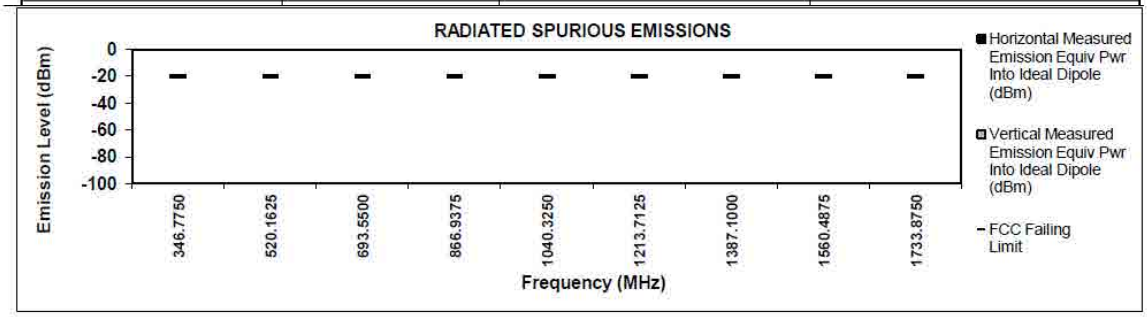
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Digital C4FM** **Battery: NNTN7034B**

02257-FCCIC-00020

173.3875 MHz **12.5 kHz** **1 Watt(s)/Low Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-20	**	**
520.1625	-20	**	**
693.5500	-20	**	**
866.9375	-20	**	**
1040.3250	-20	**	**
1213.7125	-20	**	**
1387.1000	-20	**	**
1560.4875	-20	**	**
1733.8750	-20	**	**



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 December 21, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 9

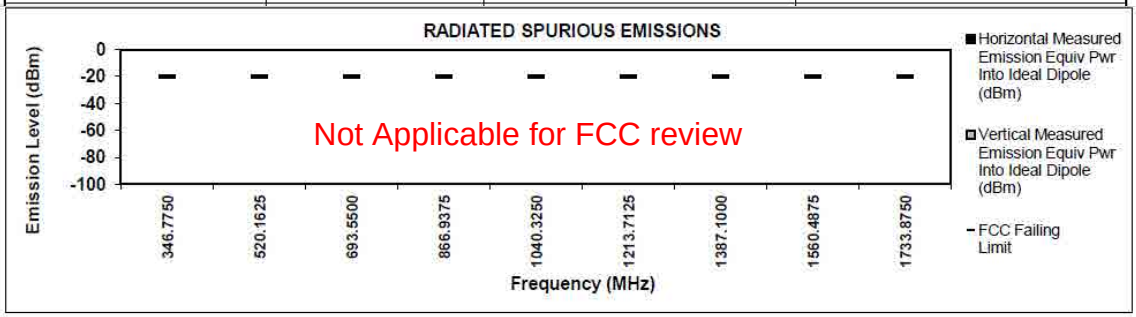
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Battery: NNTN7034B**

02257-FCCIC-00020 **Phase II**

136.0125 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
272.0250	-20	**	**
408.0375	-20	**	**
544.0500	-20	**	**
680.0625	-20	**	**
816.0750	-20	**	**
952.0875	-20	**	**
1088.1000	-20	**	**
1224.1125	-20	**	**
1360.1250	-20	**	**



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 December 28, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 10

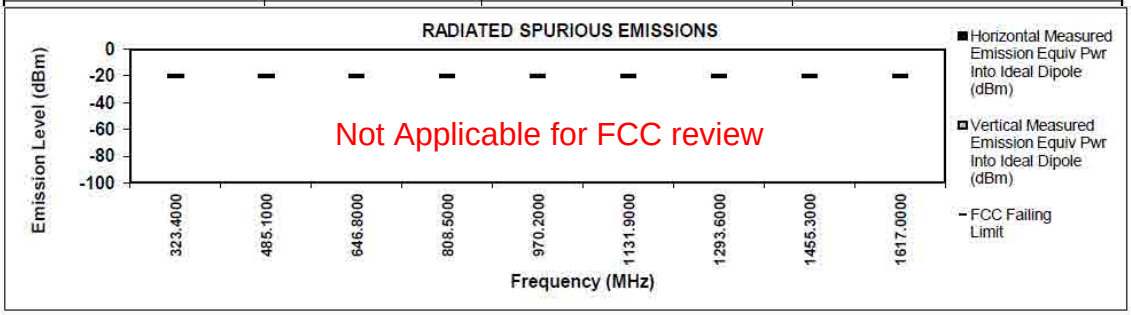
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 — **Battery: NNTN7034B**

02257-FCCIC-00020 — **Phase II**

138.0125 MHz — **12.5 kHz** — **6.6 Watt(s)/Max Power** — **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20	**	**
414.0375	-20	**	**
552.0500	-20	**	**
690.0625	-20	**	**
828.0750	-20	**	**
966.0875	-20	**	**
1104.1000	-20	**	**
1242.1125	-20	**	**
1380.1250	-20	**	**



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 — December 28, 2014

FCC Registration: 772092 — Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6F- 11

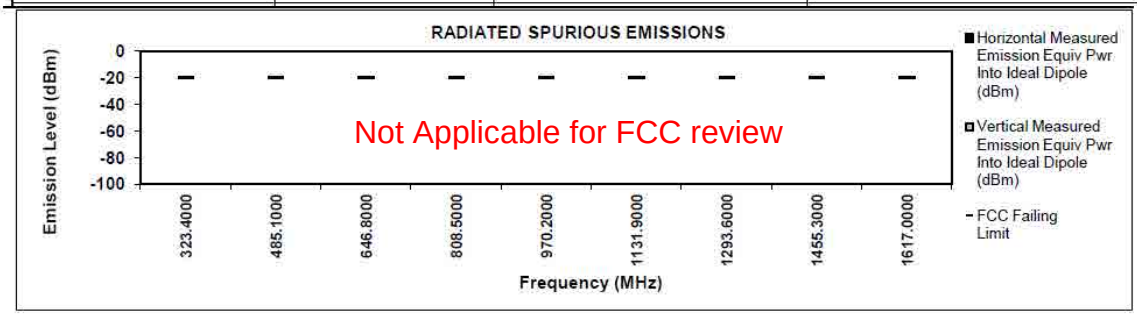
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Battery: NNTN7034B**

02257-FCCIC-00020 **Phase II**

138.0125 MHz **12.5 kHz** **1.0 Watt(s)/Low Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20	**	**
414.0375	-20	**	**
552.0500	-20	**	**
690.0625	-20	**	**
828.0750	-20	**	**
966.0875	-20	**	**
1104.1000	-20	**	**
1242.1125	-20	**	**
1380.1250	-20	**	**



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 January 13, 2015

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks:

Passed Results	Marginal Results	Failed Results

Exhibit 6F- 12

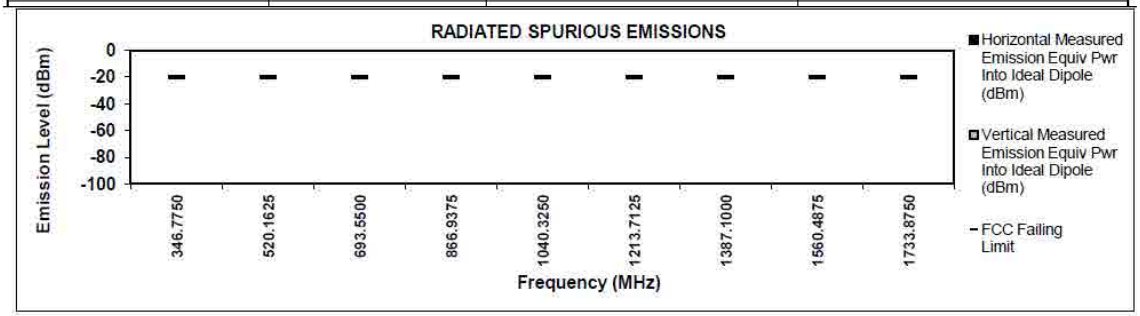
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Battery: NNTN7034B**

02257-FCCIC-00020 **Phase II**

158.55 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20	**	**
475.6500	-20	**	**
634.2000	-20	**	**
792.7500	-20	**	**
951.3000	-20	**	**
1109.8500	-20	**	**
1268.4000	-20	**	**
1426.9500	-20	**	**
1585.5000	-20	**	**



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 December 28, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 13

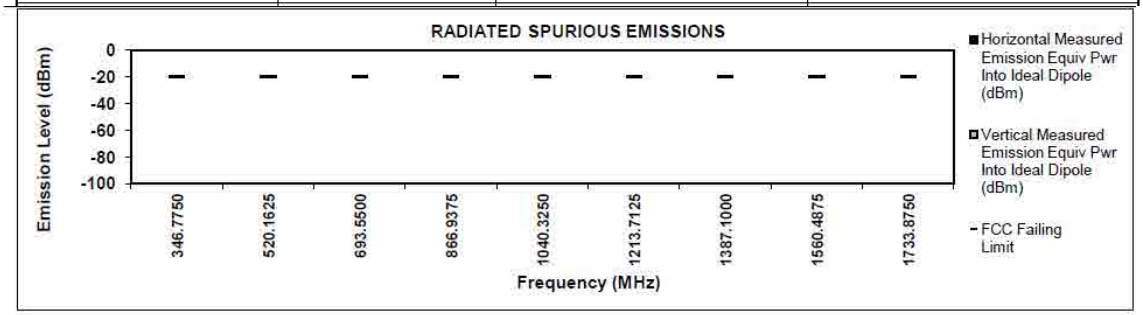
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Battery: NNTN7034B**

02257-FCCIC-00020 **Phase II**

158.55 MHz **12.5 kHz** **1.0 Watt(s)/Low Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20	**	**
475.6500	-20	**	**
634.2000	-20	**	**
792.7500	-20	**	**
951.3000	-20	**	**
1109.8500	-20	**	**
1268.4000	-20	**	**
1426.9500	-20	**	**
1585.5000	-20	**	**



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 January 13, 2015

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 14

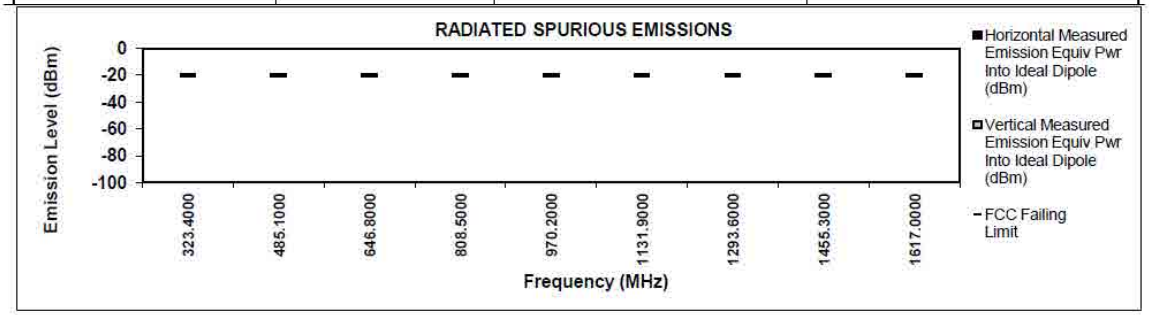
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Battery: NNTN7034B**

02257-FCCIC-00020 **Phase II**

161.7 MHz **12.5 kHz** **6.6 Watt(s)/Max Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20	**	**
485.1000	-20	**	**
646.8000	-20	**	**
808.5000	-20	**	**
970.2000	-20	**	**
1131.9000	-20	**	**
1293.6000	-20	**	**
1455.3000	-20	**	**
1617.0000	-20	**	**



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 December 28, 2014

FCC Registration: 772092 Industry Canada: 109AK

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | Marginal Results | Failed Results

Exhibit 6F- 15

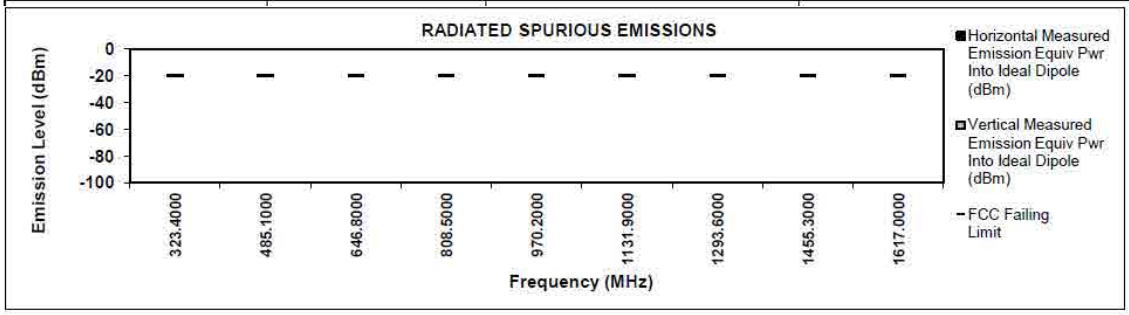
TRANSMITTER RADIATED SPURIOUS EMISSIONS: APX8000 ALL BAND (7/800, VHF, UHF) PORTABLE

MODEL #: APX8000 **Battery: NNTN7034B**

02257-FCCIC-00020 **Phase II**

161.7 MHz **12.5 kHz** **1.0 Watt(s)/Low Power** **S/N: KT000006A01MK410M8**

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20	**	**
485.1000	-20	**	**
646.8000	-20	**	**
808.5000	-20	**	**
970.2000	-20	**	**
1131.9000	-20	**	**
1293.6000	-20	**	**
1455.3000	-20	**	**
1617.0000	-20	**	**



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 **January 13, 2015**

FCC Registration: 772092 **Industry Canada: 109AK**

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

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 22.4 Hum(%RH): 69.0

Remarks: Passed Results | **Marginal Results** | **Failed Results**

Exhibit 6F- 16