INDEX OF SUBMITTED MEASURED DATA

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Exhibit 6A

1. <u>RF Output Power (conducted)</u>

The RF output power was measured with the indicated voltage and current applied into the final RF amplifying device. -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7) and 2.1033(c)(8)

APX7000 VHF / 7-800 MHz (Low Power Readings)

Freq. (MHz)	Radio#1		Radio#2		Radio#3		Radio#4	
	Output Power(W)	Current (A)	Output Power(W)	Current (A)	Output Power(W)	Current (A)	Output Power(W)	Current (A)
157.8	1.17	0.98						
764.0125	1.26	0.98						
823.9875	1.26	1						

TIA RS-603, TX Output Power and TX DC Current (Nominal DC Voltage 7.5V, Primary Supply Voltage 7.5V, Temp 25°C)

APX7000 VHF / 7-800 MHz (Nominal Power Readings)

Freq. (MHz)	Radio#1		Radio#2		Radio#3		Radio#4	
	Output Power(W)	Current (A)	Output Power(W)	Current (A)	Output Power(W)	Current (A)	Output Power(W)	Current (A)
157.8	6.21	1.92						
764.0125	2.79	1.43						
823.9875	3.32	1.65						

TIA RS-603, TX Output Power and TX DC Current (Nominal DC Voltage 7.5V, Primary Supply Voltage 7.5V, Temp 25°C)

Exhibit 6B

2. Occupied Bandwidth -- Pursuant 47 CFR 2.1049, 90.210

Standard Audio Modulation (12.5 kHz Channelization, Analog Voice):
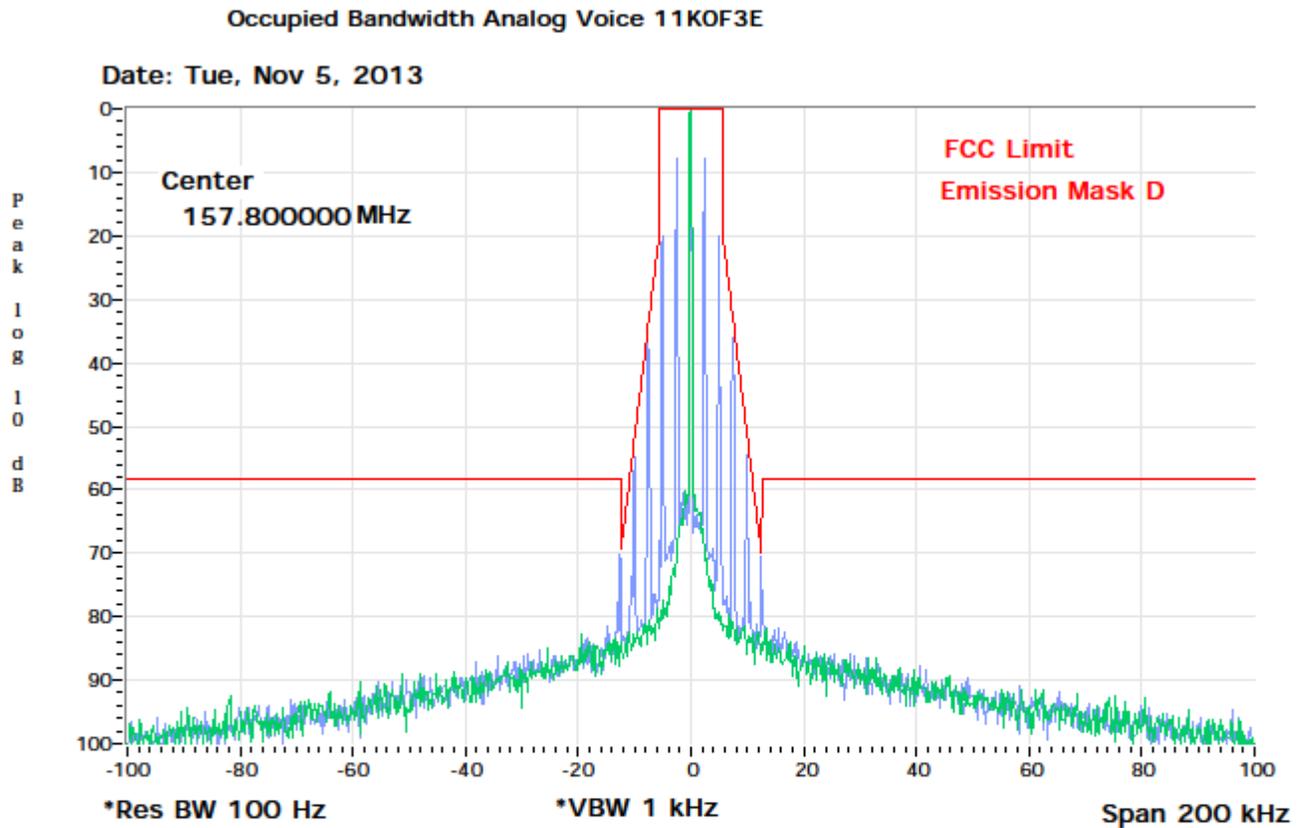**Emission Designator 11K0F3E**
In this case, the maximum modulating frequency is 3.0 kHz with a 2.5 kHz deviation.
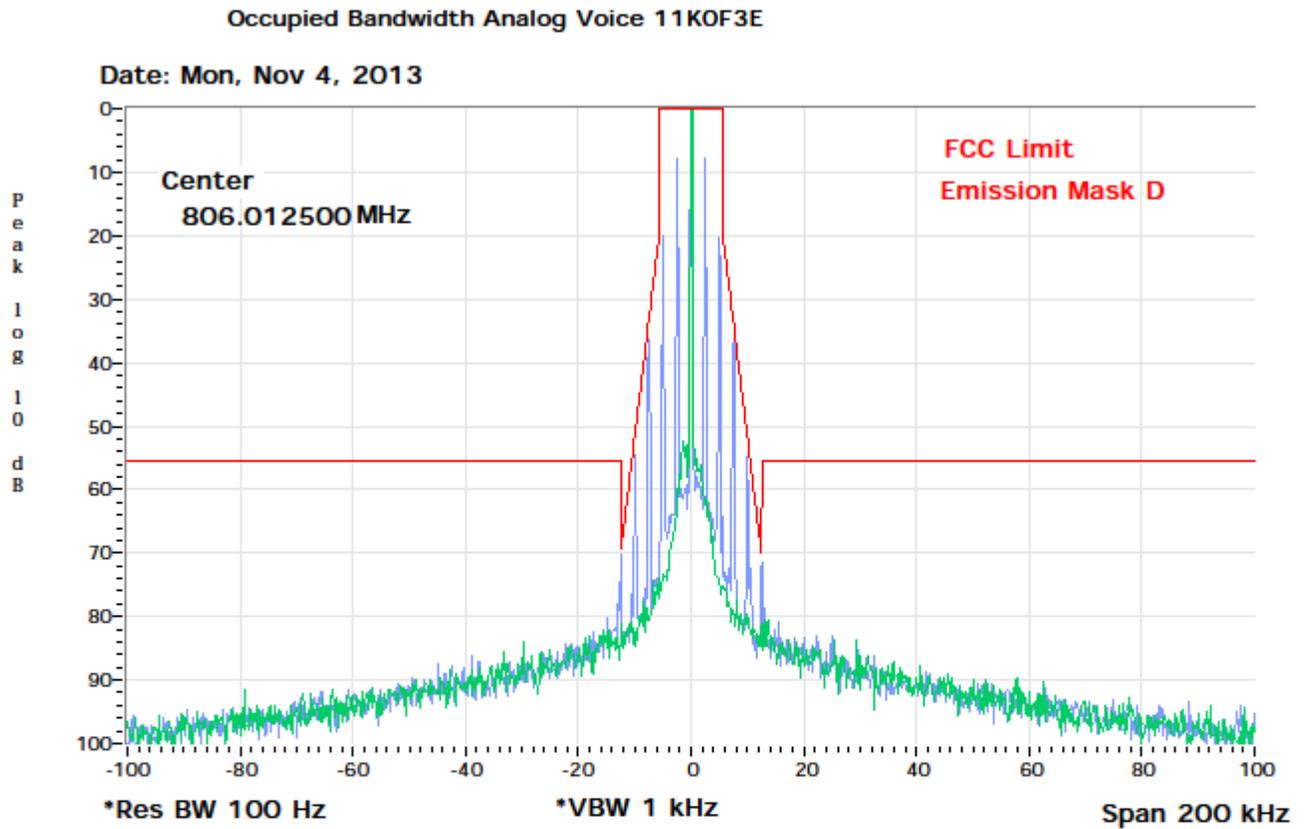BW = 2(M+D) = 2*(3.0 kHz + 2.5 kHz) = 11 kHz =➔ 11K0
F3E portion of the designator indicates voice.
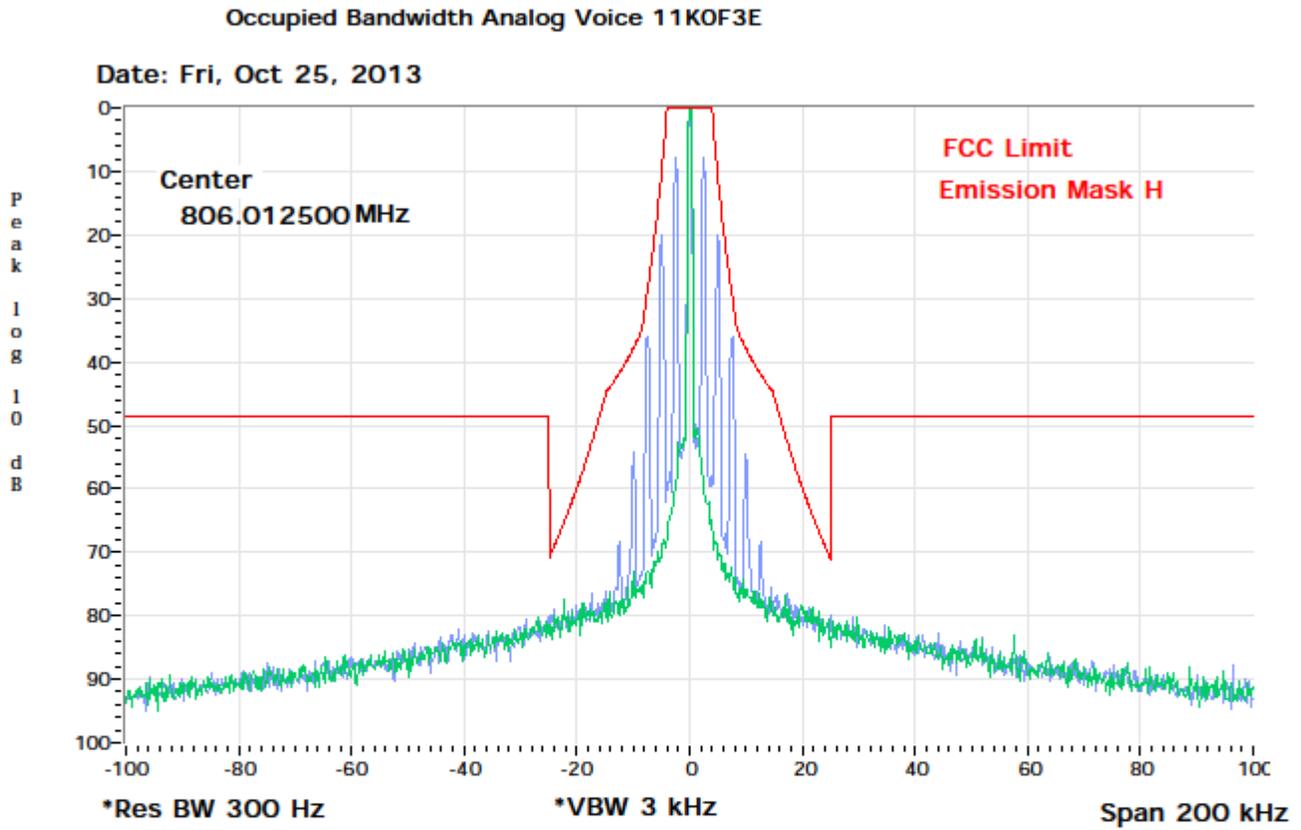Therefore, the entire designator for 12.5 kHz channelization analog voice is 11K0F3E.

Frequency = 157.8 MHz

Occupied Bandwidth Analog Voice 11K0F3E

Date: Tue, Nov 5, 2013

Frequency = 806.0125 MHz

Occupied Bandwidth Analog Voice 11K0F3E

Frequency = 806.0125 MHz

Occupied Bandwidth Analog Voice 11K0F3E

Date: Fri, Oct 25, 2013

Center 806.012500 MHz

FCC Limit
Emission Mask H

*Res BW 300 Hz   *VBW 3 kHz   Span 200 kHz

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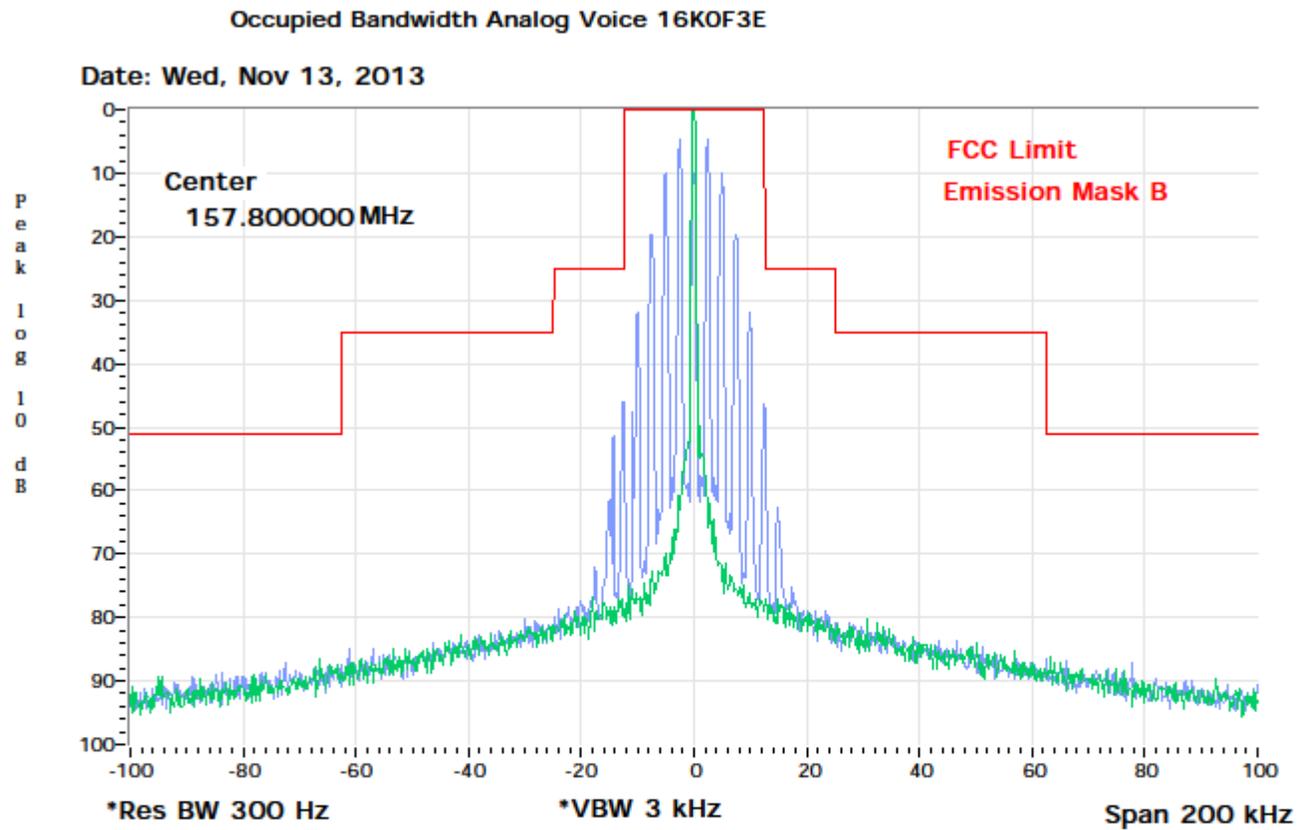In this case, the maximum modulating frequency is 3.0 kHz with a 5.0 kHz deviation.
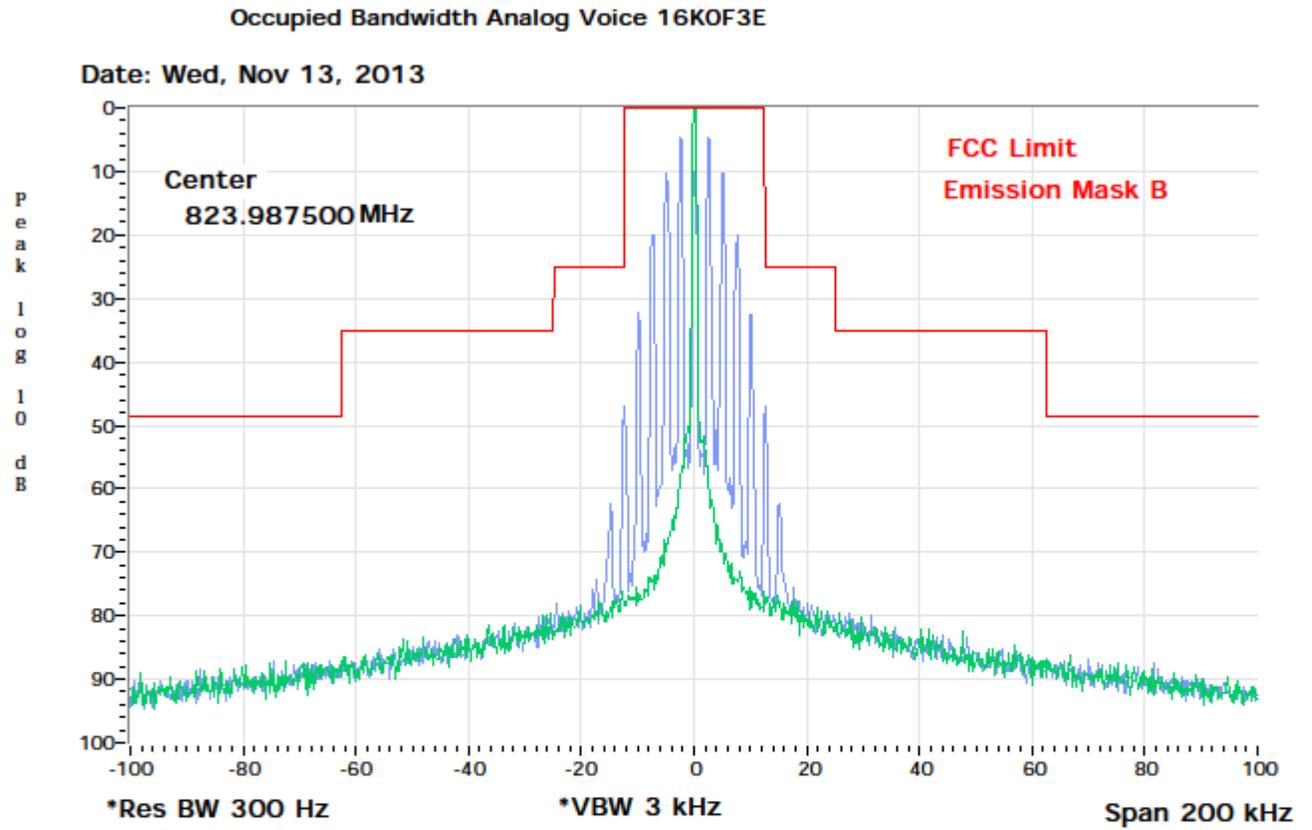BW = 2(M+D) = 2*(3.0 kHz + 5.0 kHz) = 16 kHz =➔   16K0
F3E portion of the designator indicates voice.
Therefore, the entire designator for 25 kHz channelization analog voice is 16K0F3E.

Frequency = 157.8 MHz (Rule Part 80)
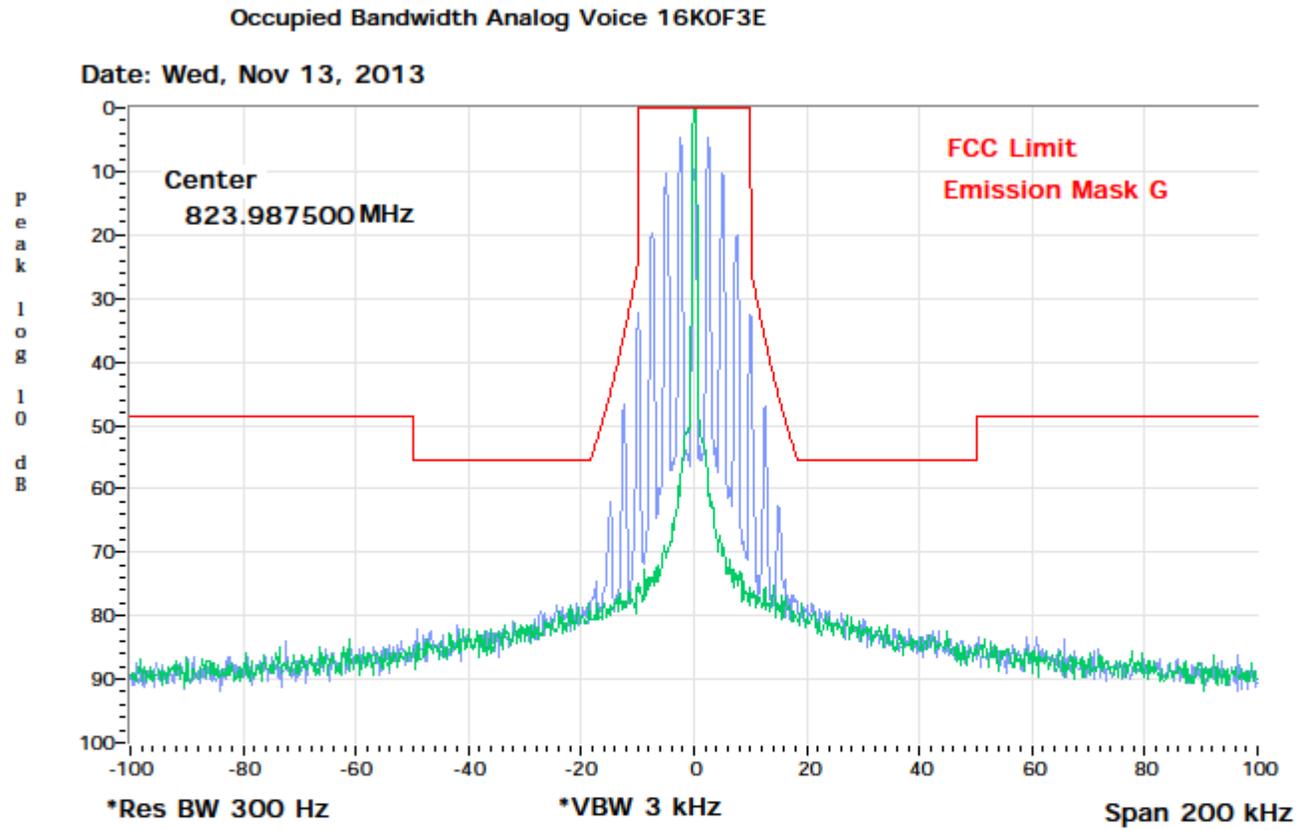

Occupied Bandwidth Analog Voice 16K0F3E

Frequency = 823.9875 MHz

Occupied Bandwidth Analog Voice 16K0F3E

Date: Wed, Nov 13, 2013

Frequency = 823.9875 MHz

Occupied Bandwidth Analog Voice 16K0F3E

Date: Wed, Nov 13, 2013

Digital APCO Mode (12.5 kHz Channelization, Digital Voice):
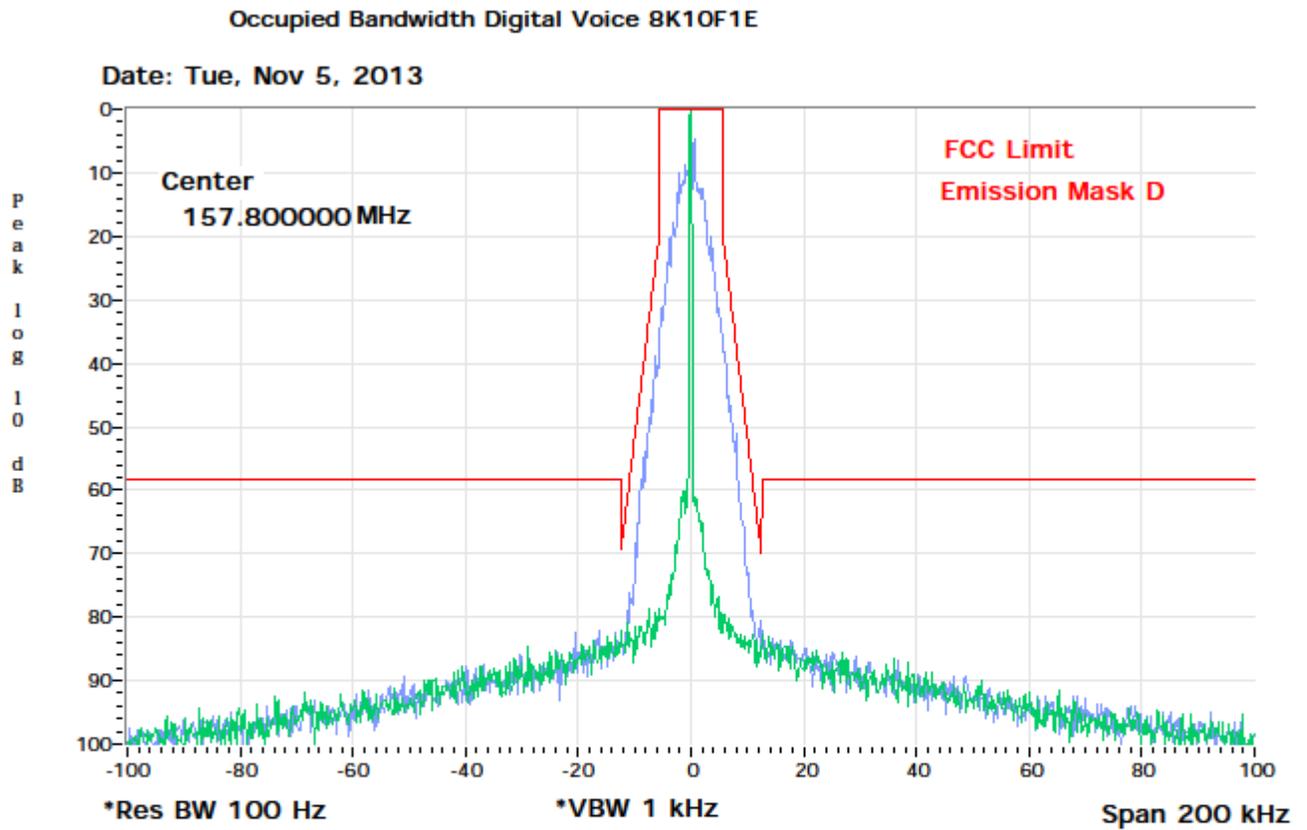**Emission Designator 8K10F1E**
The 99% energy rule (title 47CFR 2.1049) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA 102.CAAA Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210.
F1E portion of the designator indicates digital voice.
Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1E.

Frequency = 157.8 MHz

Occupied Bandwidth Digital Voice 8K10F1E

Date: Tue, Nov 5, 2013

Frequency = 806.0125 MHz

Occupied Bandwidth Digital Voice 8K10F1E

Date: Mon, Nov 4, 2013

Center 806.012500 MHz

FCC Limit
Emission Mask D

*Res BW 100 Hz   *VBW 1 kHz   Span 200 kHz

Frequency = 806.0125 MHz

Occupied Bandwidth Digital Voice 8K10F1E

Date: Tue, Oct 29, 2013

Center 806.012500 MHz

FCC Limit
Emission Mask H

*Res BW 300 Hz   *VBW 3 kHz   Span 200 kHz

Digital APCO Mode (12.5 kHz Channelization, Digital Voice with encryption):
Emission Designator 8K10F1E
The 99% energy rule (title 47CFR 2.1049) 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 TIA102.CAAASection 2.2.5.2. The emission mask was obtained from 47CFR 90.210.
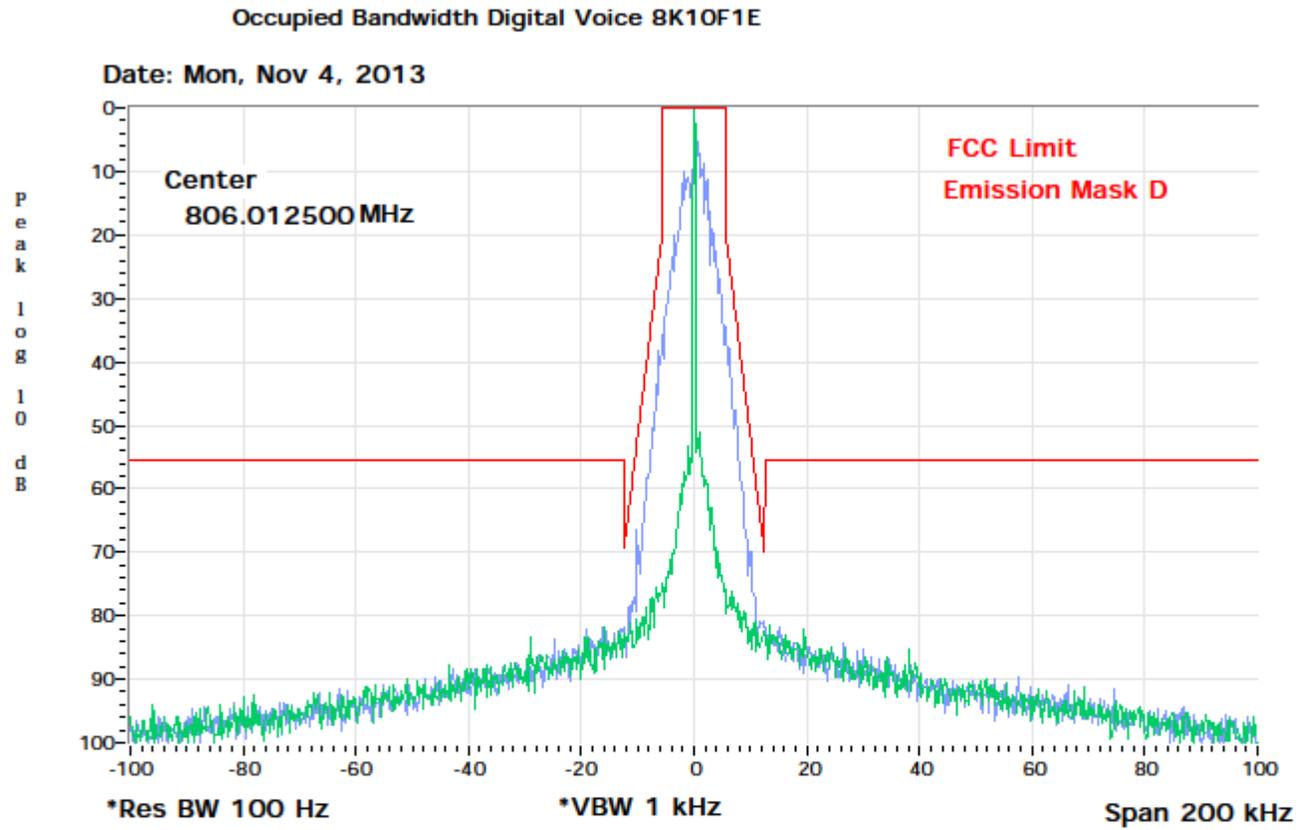F1E portion of the designator indicates digital voice.
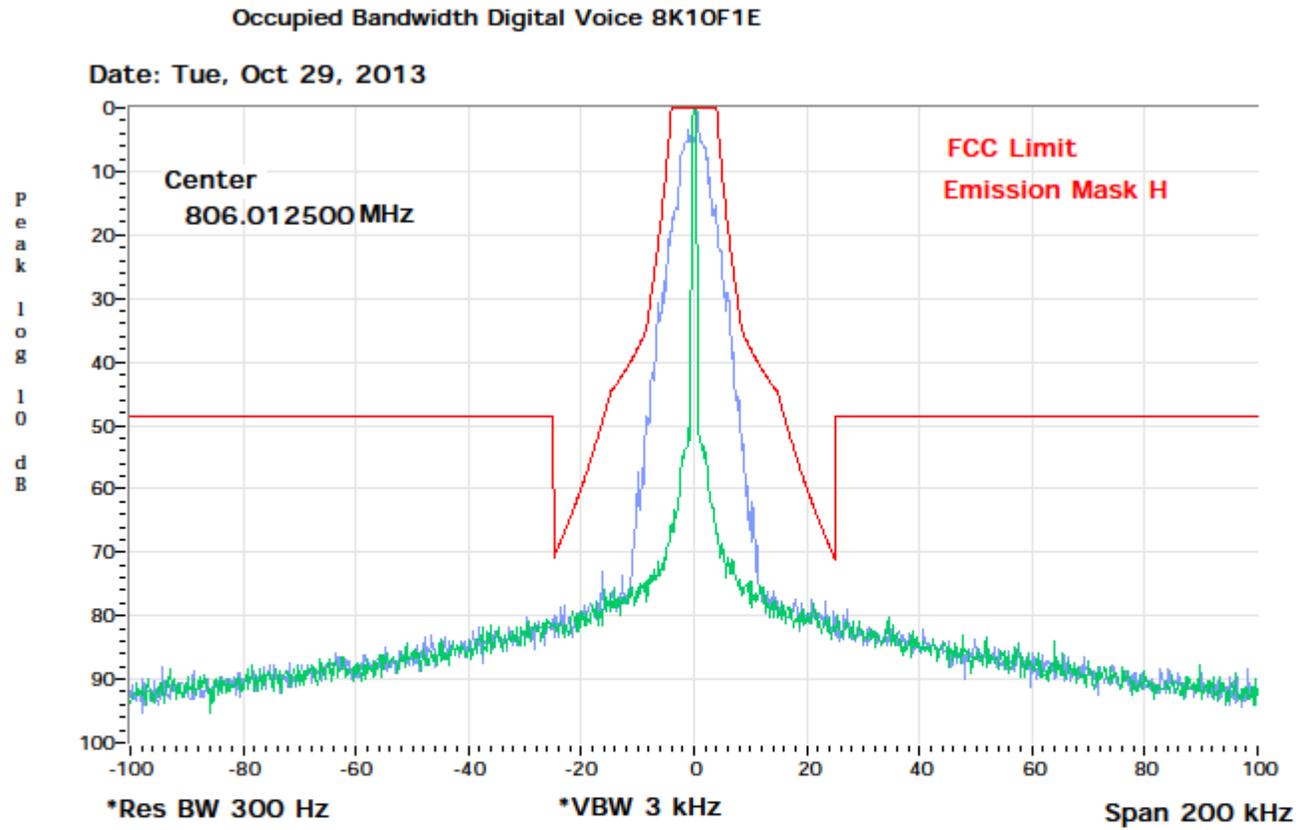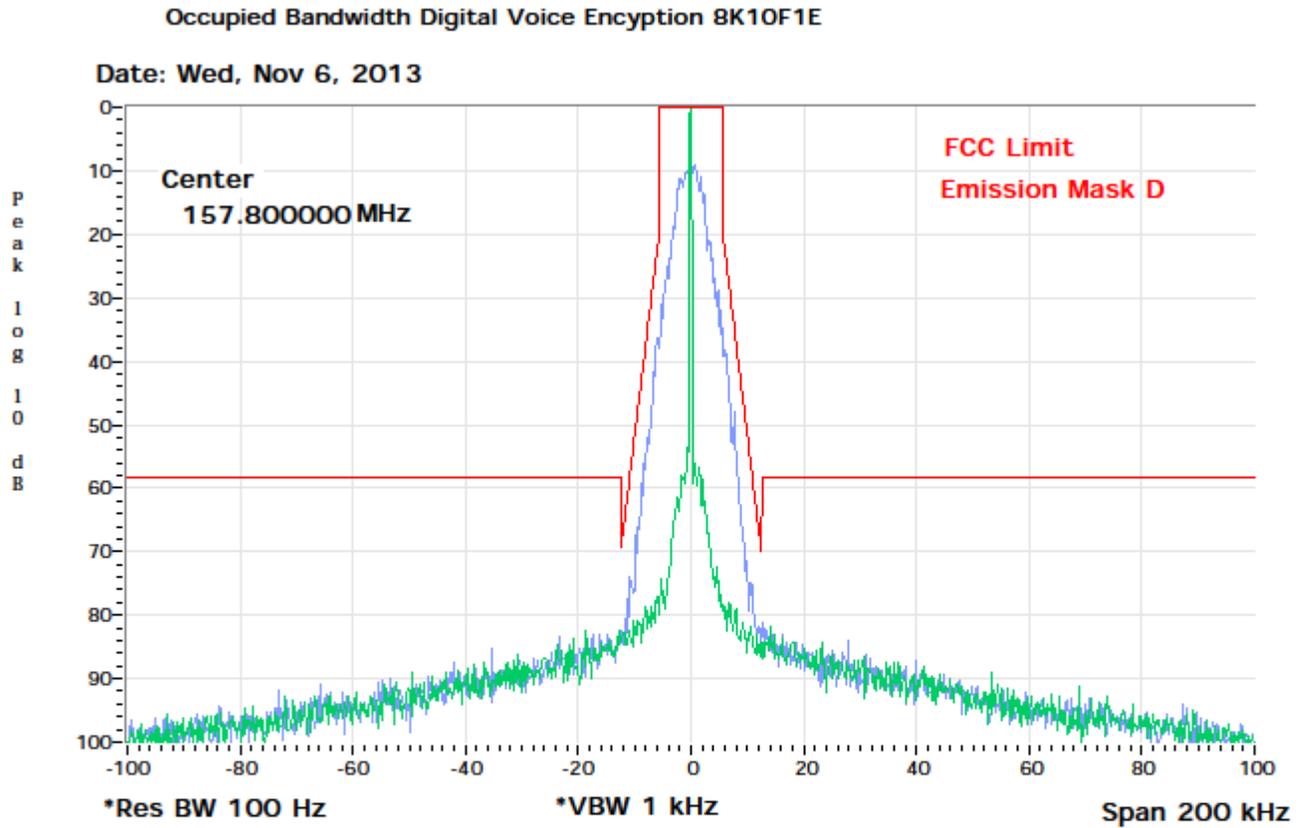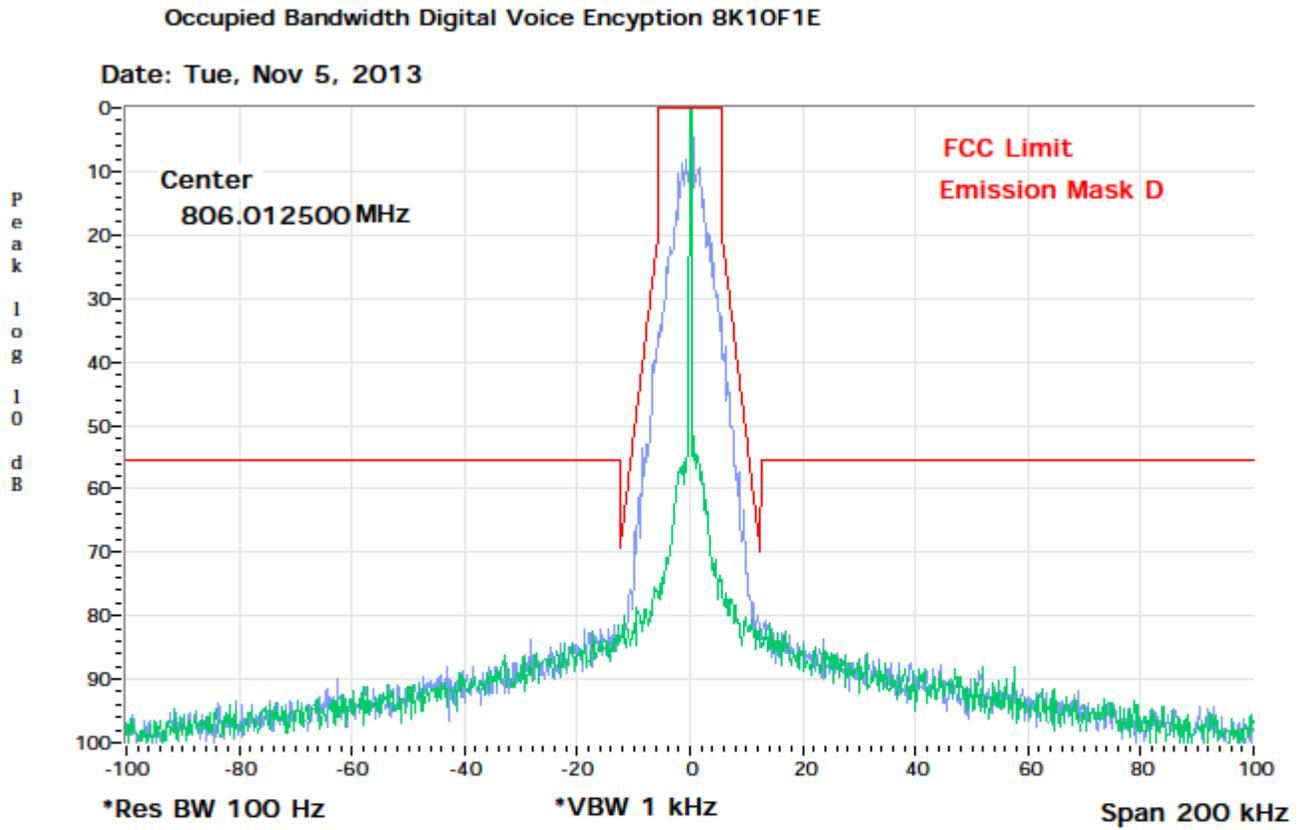Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1E.
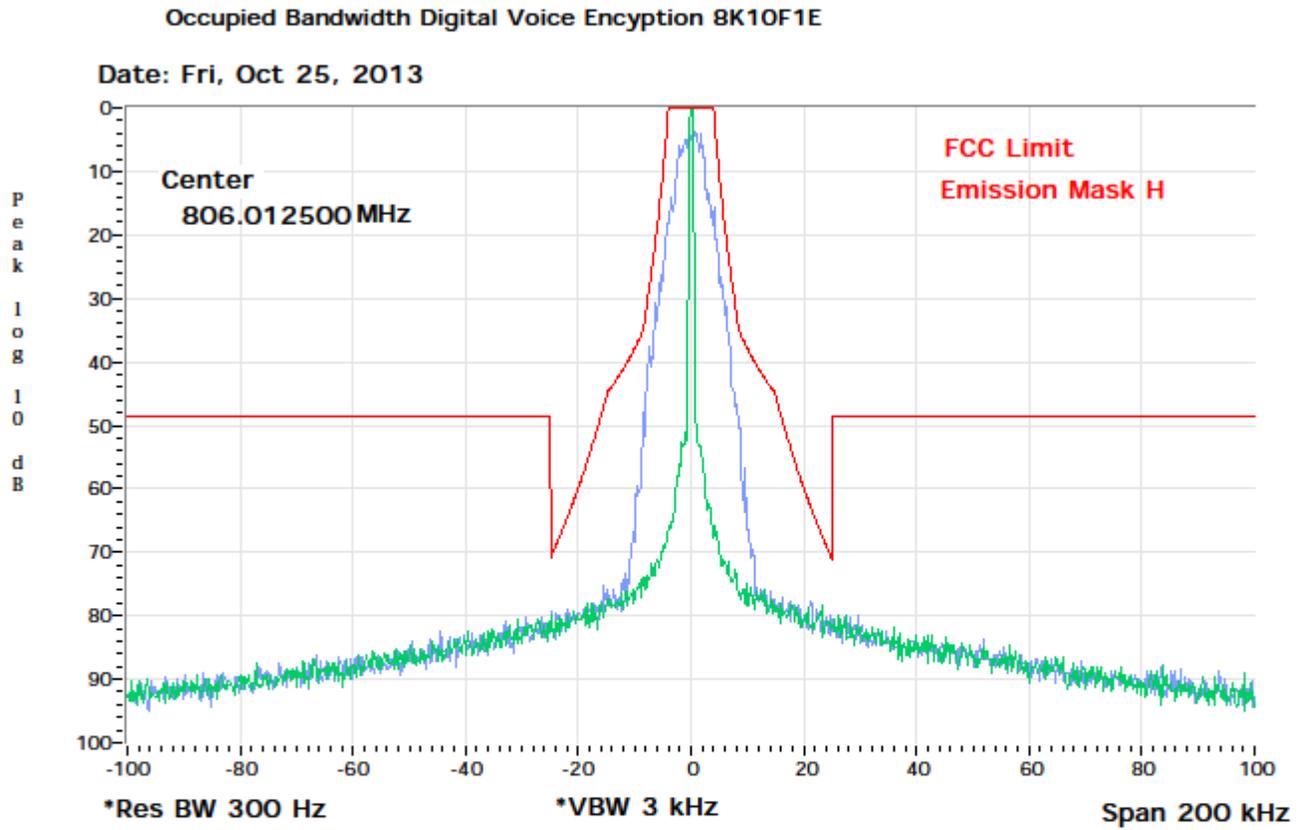
Frequency = 157.8 MHz

Frequency = 806.0125 MHz

Occupied Bandwidth Digital Voice Encyption 8K10F1E

Date: Tue, Nov 5, 2013

Frequency = 806.0125 MHz

Occupied Bandwidth Digital Voice Encyption 8K10F1E

Date: Fri, Oct 25, 2013

Digital APCO Mode (12.5 kHz Channelization, Digital Data):
Emission Designator 8K10F1D
The 99% energy rule (title 47CFR 2.1049) 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 TIA102.CAAASection 2.2.5.2. The emission mask was obtained from 47CFR 90.210.
F1D portion of the designator indicates digital data.
Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1D.

Frequency = 157.8 MHz

Frequency = 806.0125 MHz

Occupied Bandwidth Digital Data 8K10F1D

Date: Mon, Nov 4, 2013

Frequency = 806.0125 MHz

Occupied Bandwidth Digital Data 8K10F1D

Date: Tue, Oct 29, 2013

Digital APCO TDMA Mode (12.5 kHz Channelization, Digital TDMA 6.25 channelization equivalent): Emission Designator 8K10F1W
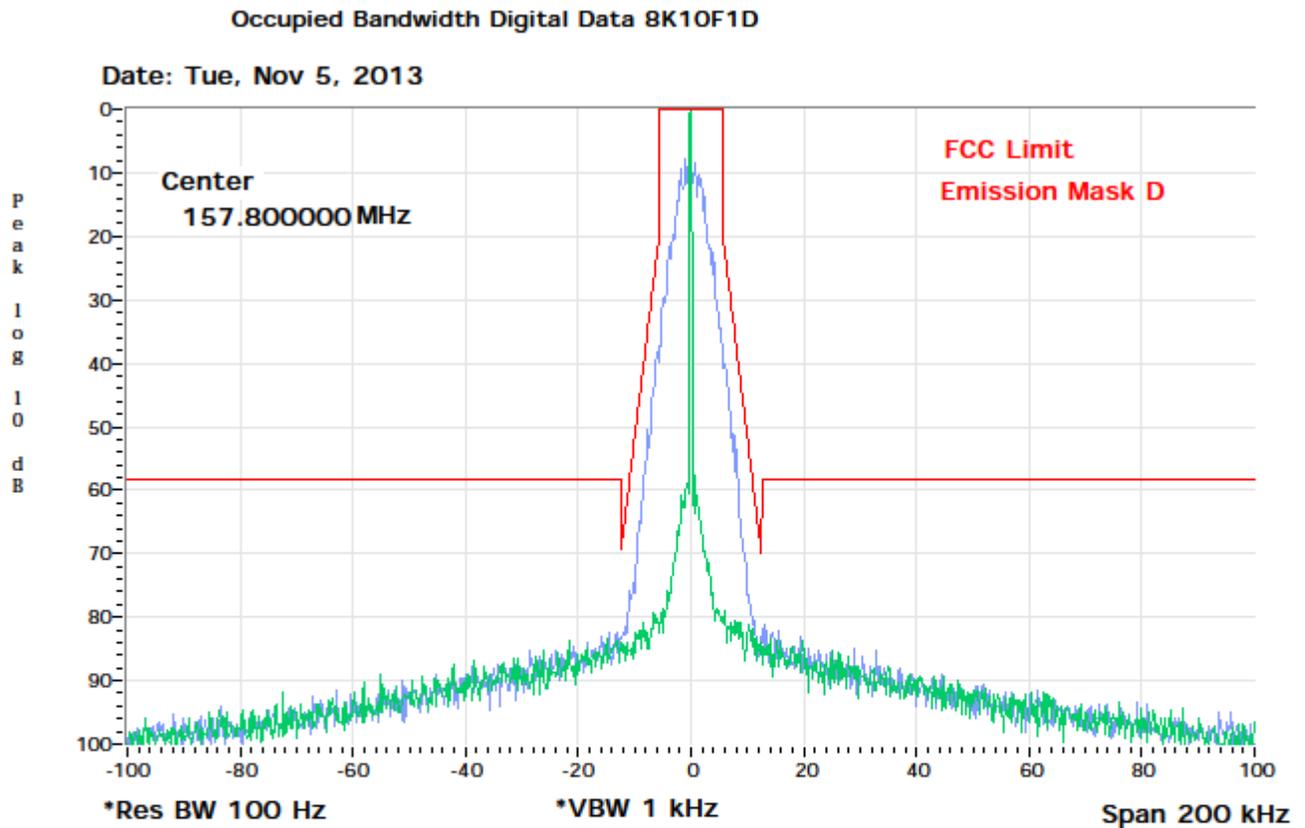The 99% energy rule (title 47CFR 2.1049) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz Measurements were performed in accordance with TIA102.CAAASecti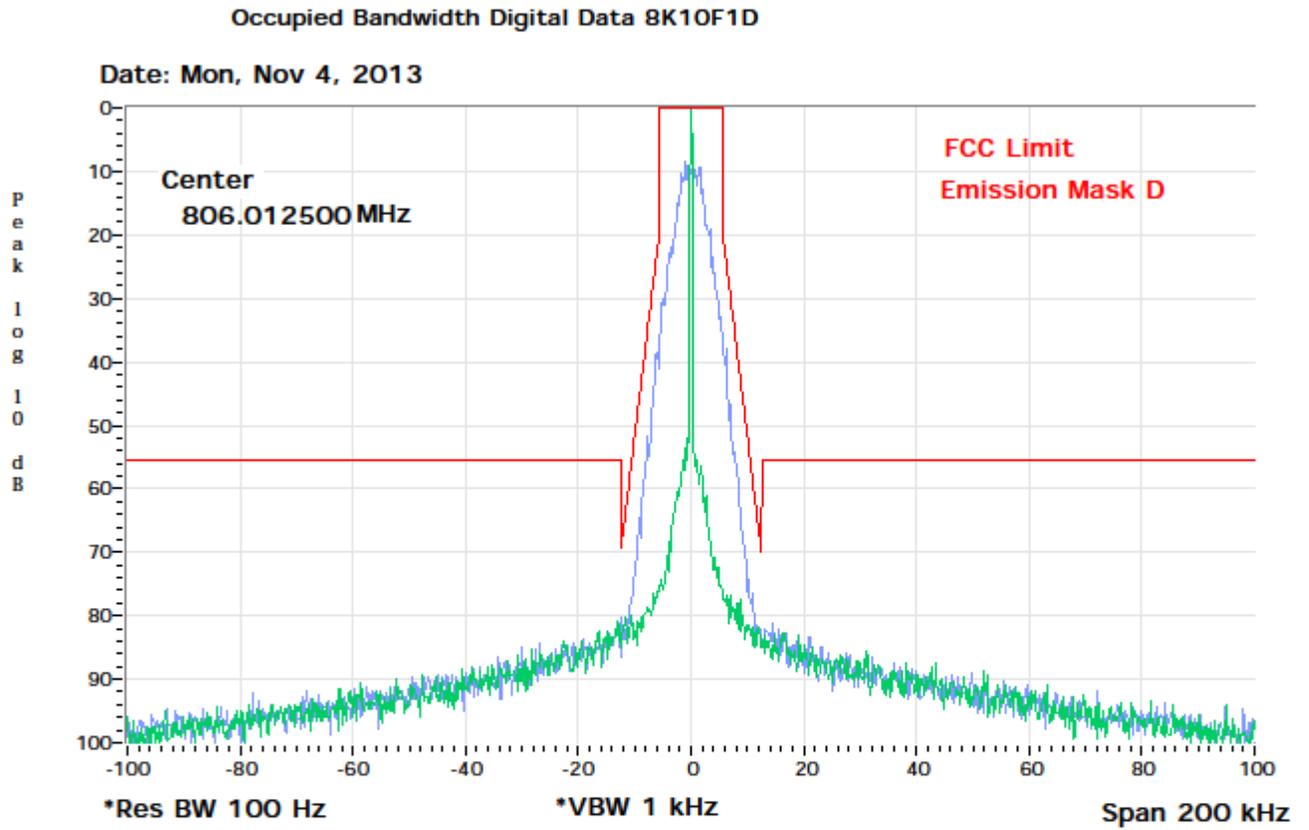on 2.2.5.2. The emission mask was obtained from 47CFR 90.210(e). F1W portion of the designator indicates digital TDMA. Therefore, the entire designator for 12.5 kHz channelization digital TDMA is 8K10F1W.

Frequency = 157.8 MHz

Frequency = 806.0125 MHz

Occupied Bandwidth Digital TDMA 8K10F1W

Date: Mon, Nov 4, 2013

Center 806.012500 MHz

FCC Limit
Emission Mask D

*Res BW 100 Hz   *VBW 1 kHz   Span 200 kHz

Frequency = 806.0125 MHz

Occupied Bandwidth Digital TDMA 8K10F1W

Date: Tue, Oct 29, 2013
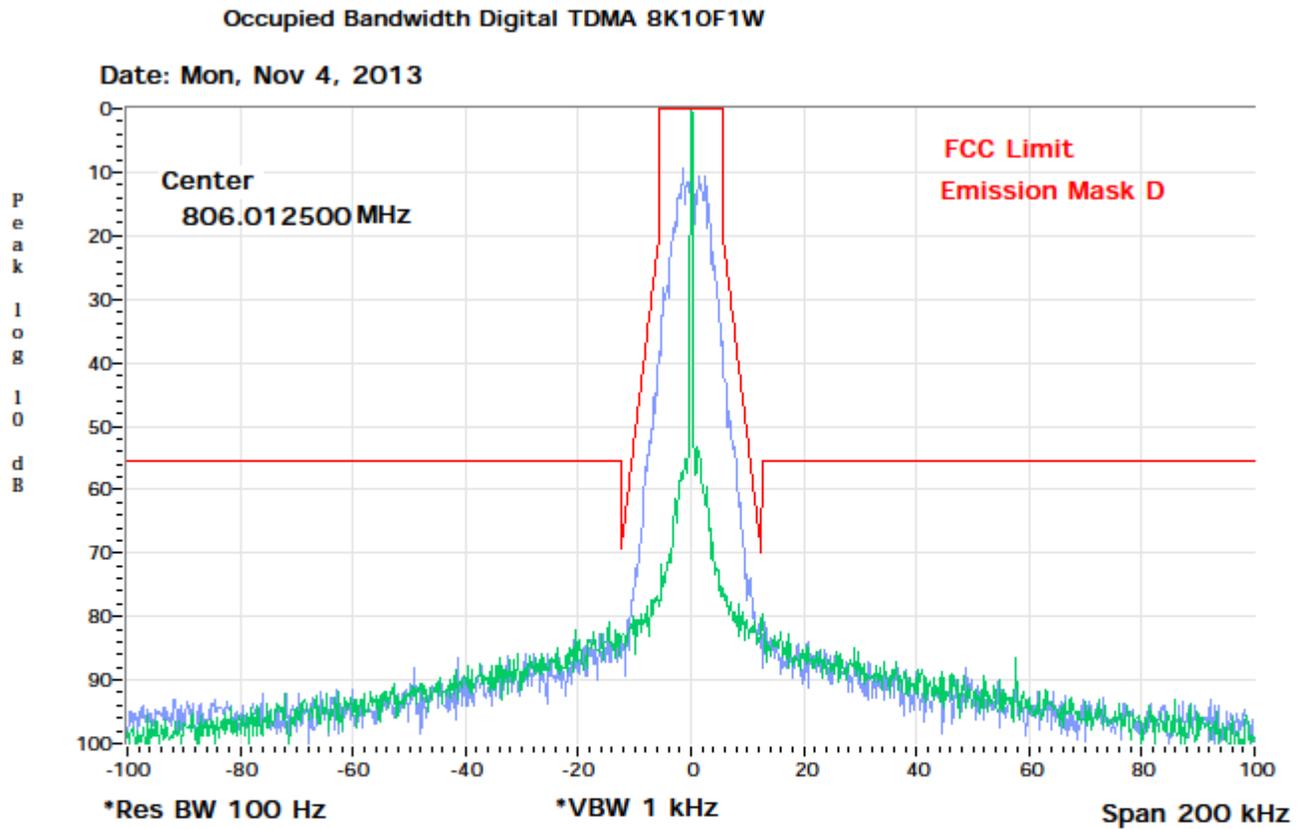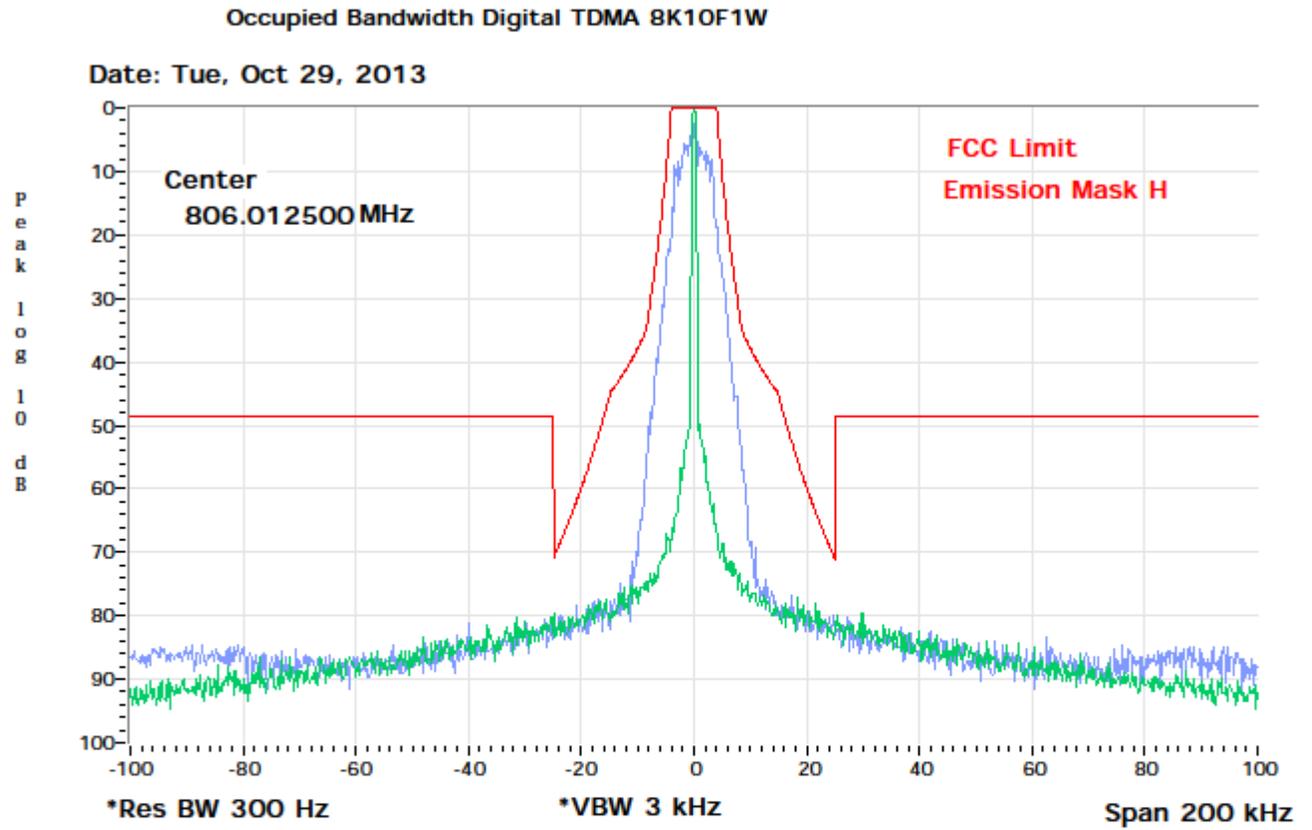
Digital Modulation (20 kHz Channelization, Analog Voice with encryption):
Emission Designator 20K0F1E
In this case, the maximum modulating frequency is 6 kHz with a 4 kHz deviation.
BW = 2(M+D) = 2*(6 kHz + 4 kHz) = 20 kHz = ➔   20K0
F1E portion of the designator indicates digital voice.
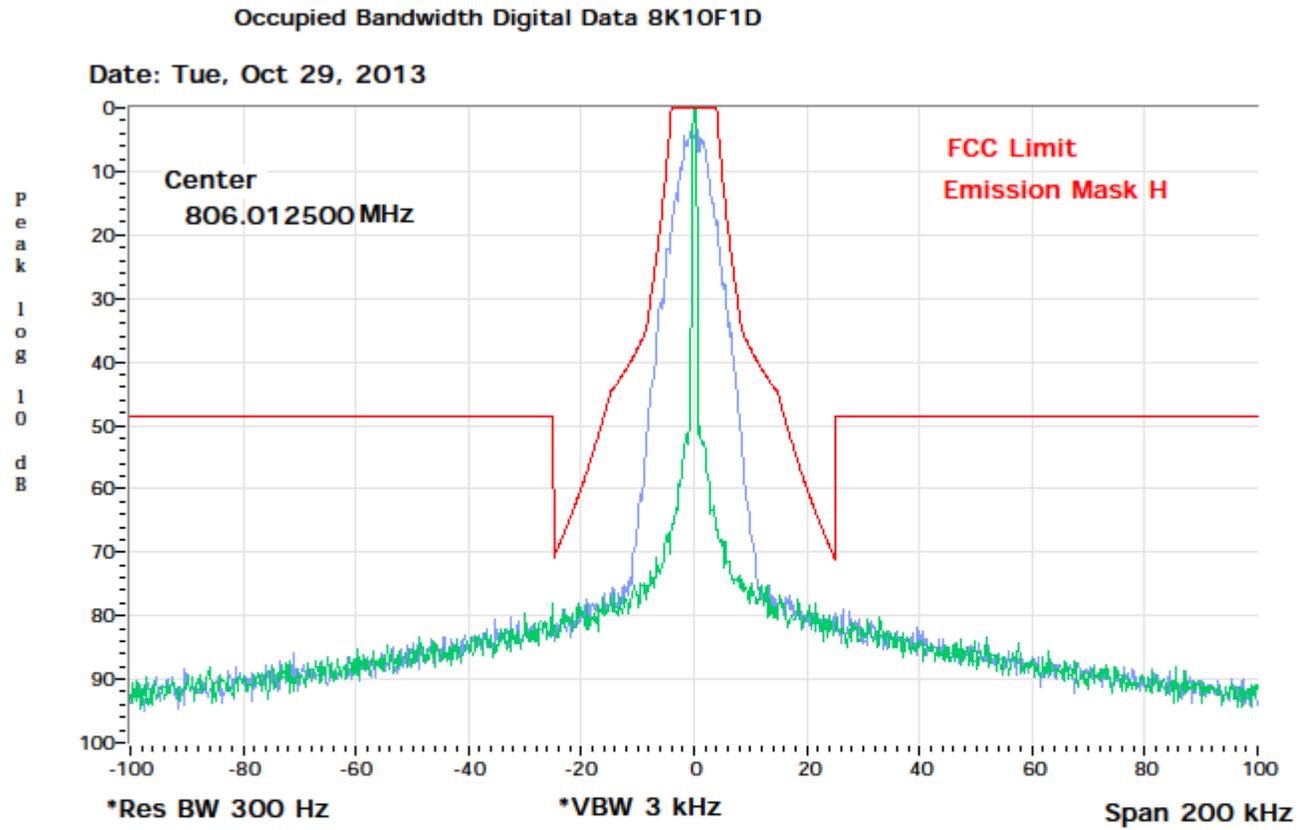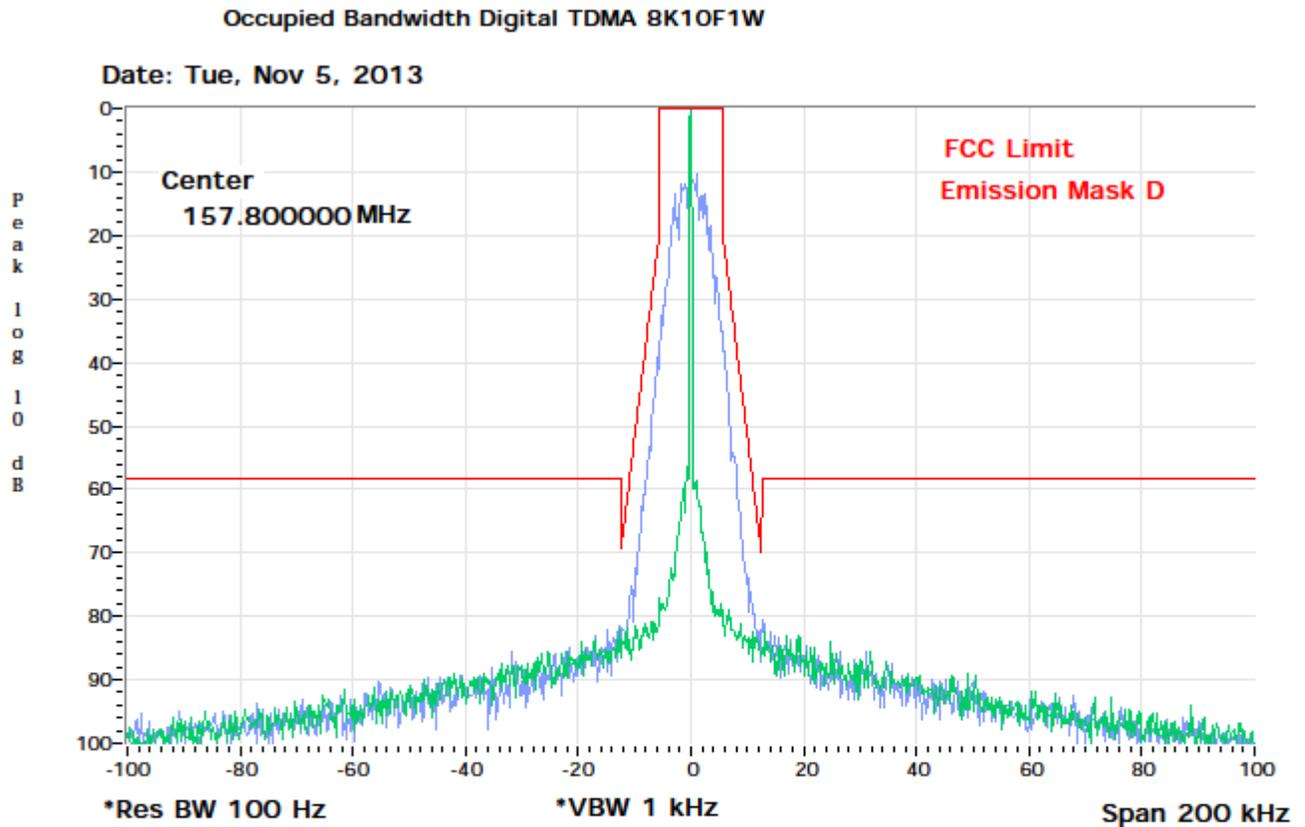Therefore, the entire designator for 20 kHz channelization analog voice is 20K0F1E.

Frequency = 157.8 MHz(Rule part 80)

Occupied Bandwidth Analog Voice Encyption 20K0F1E

Date: Wed, Nov 6, 2013

Frequency = 823.9875 MHz

Occupied Bandwidth Analog Voice Encyption 20K0F1E

Date: Tue, Nov 5, 2013

Frequency = 823.9875 MHz

Occupied Bandwidth Analog Voice Encyption 20K0F1E

Date: Tue, Nov 5, 2013

Center 823.987500 MHz

FCC Limit
Emission Mask G
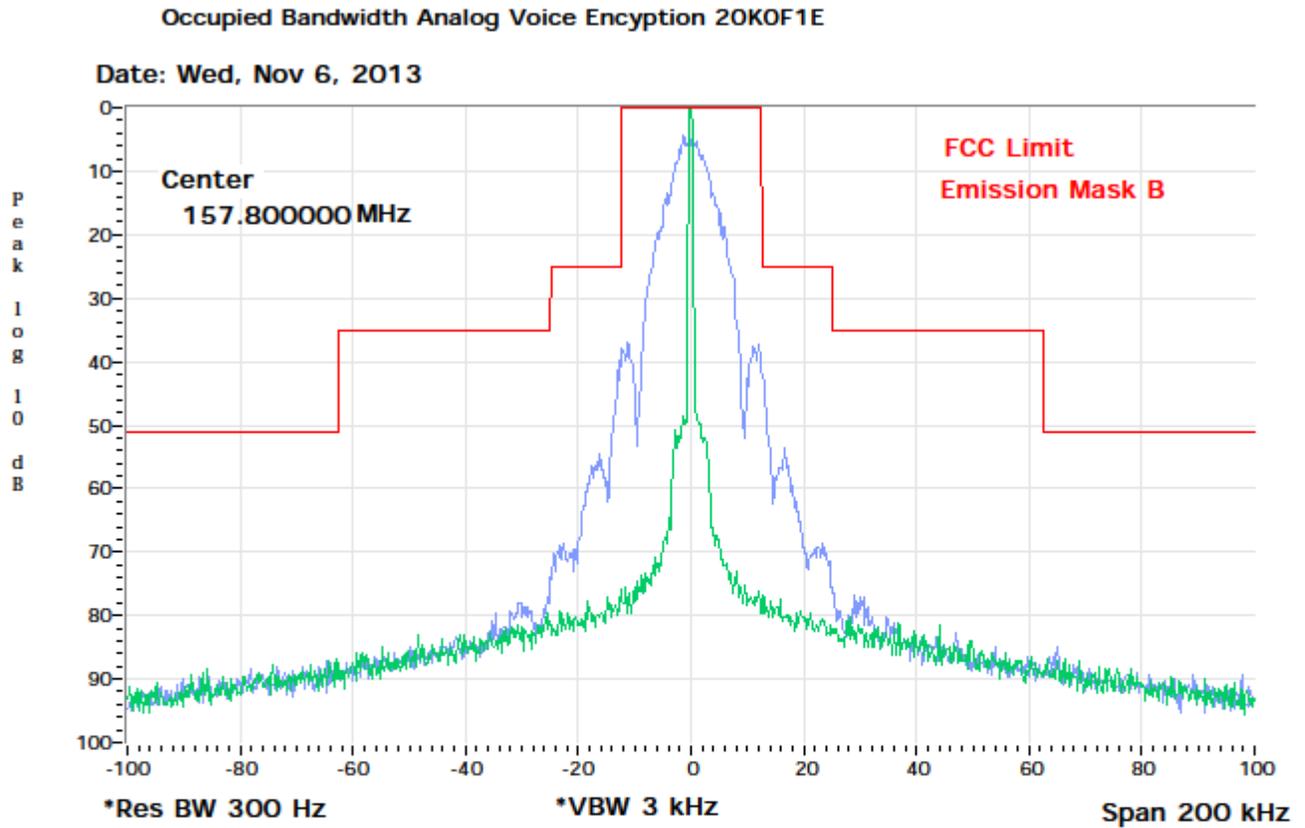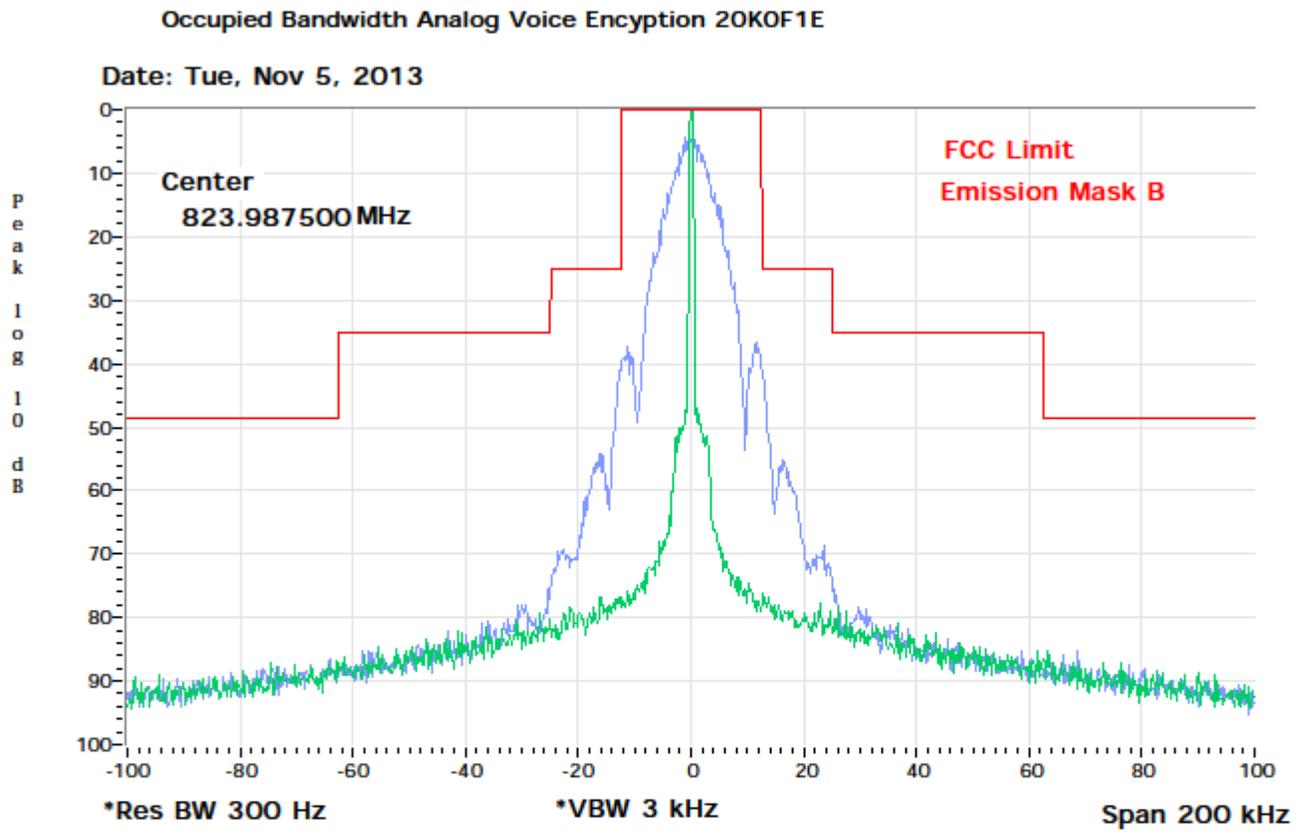
*Res BW 300 Hz   *VBW 3 kHz   Span 200 kHz
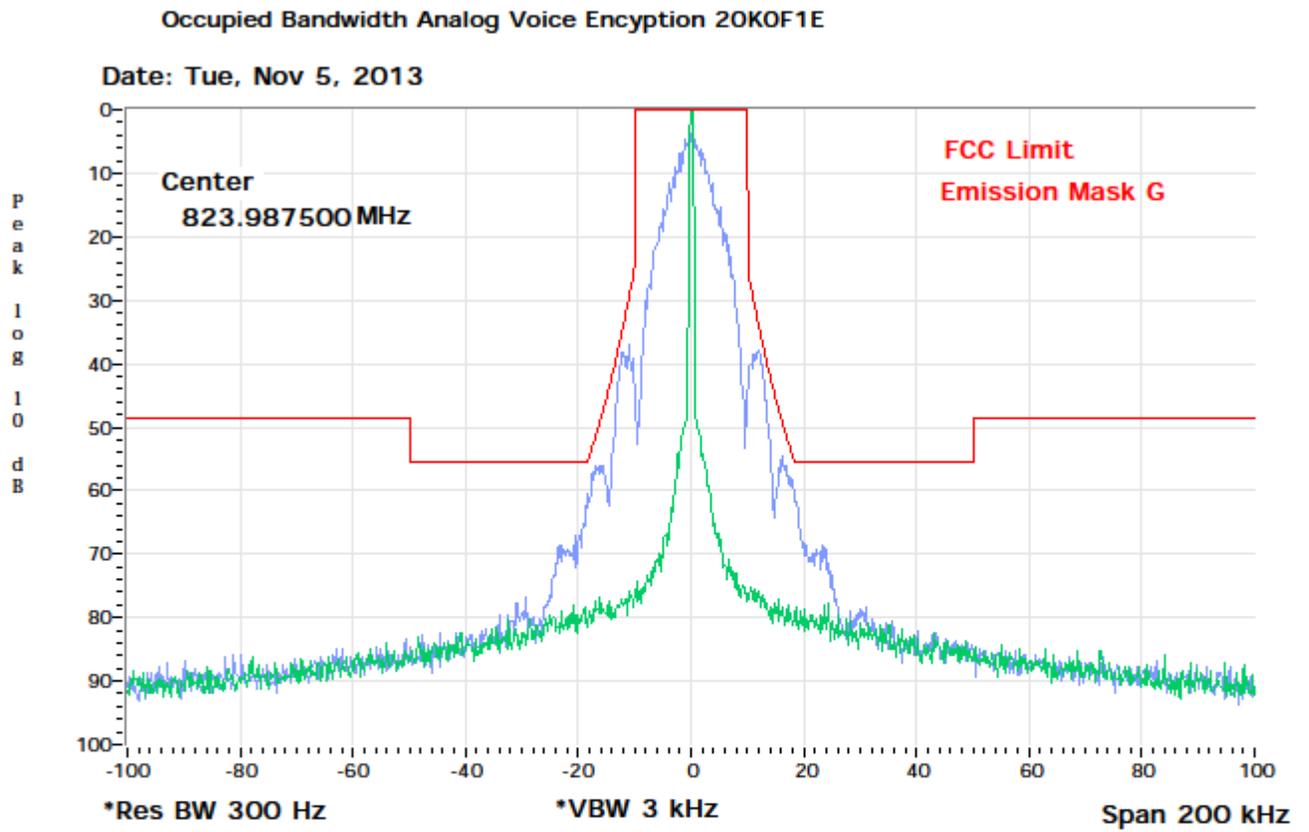
Exhibit 6C

3. Transmit Radiated Spurious Emissions

Equipment under test:	H97TGD9PW1AN	S/N: CAI131VFDJ for the 700-800 MHz band
	H97TGD9PW1AN	S/N: CAI131Y2FL for the VHF band.
Measurement Criteria	**Compliance Testing**	
	Radiated Emissions FCC Part 90	

Results Summary: EUT meets the test requirements

Test Configurations: Radiated Spurious Emissions TX Frequencies: 764.0125MHz, 806.0125MHz, 823.9875MHz, 869.8875MHz, 136.0125MHz, 157.8MHz, 173.9875MHz with 12.5kHz channel spacing at high power

Radiated Spurious Emissions TX Frequencies: 764.0125MHz, 806.0125MHz, 823.9875MHz, 869.8875MHz, 136.0125MHz, 157.8MHz, 173.9875MHz with 25kHz channel spacing at high power

Motorola Solutions

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**

Tx Power: 2.99 Watts

764.0125 MHz   **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-20	*	*
2292.0375	-20	*	*
3056.0500	-20	*	*
3820.0625	-20	*	*
4584.0750	-20	*	*
5348.0875	-20	*	*
6112.1000	-20	*	*
6876.1125	-20	*	*
7640.1250	-20	*	*

* 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.

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

Exhibit 6 page 25

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 3.6 Watts

806.0125 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	*	*
2418.0375	-20	*	*
3224.0500	-20	*	*
4030.0625	-20	*	*
4836.0750	-20	*	*
5642.0875	-20	*	*
6448.1000	-20	*	*
7254.1125	-20	*	*
8060.1250	-20	*	*

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 3.6 Watts

823.9875 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	*	*
2471.9625	-20	*	*
3295.9500	-20	*	*
4119.9375	-20	*	*
4943.9250	-20	*	*
5767.9125	-20	*	*
6591.9000	-20	*	*
7415.8875	-20	*	*
8239.8750	-20	*	*

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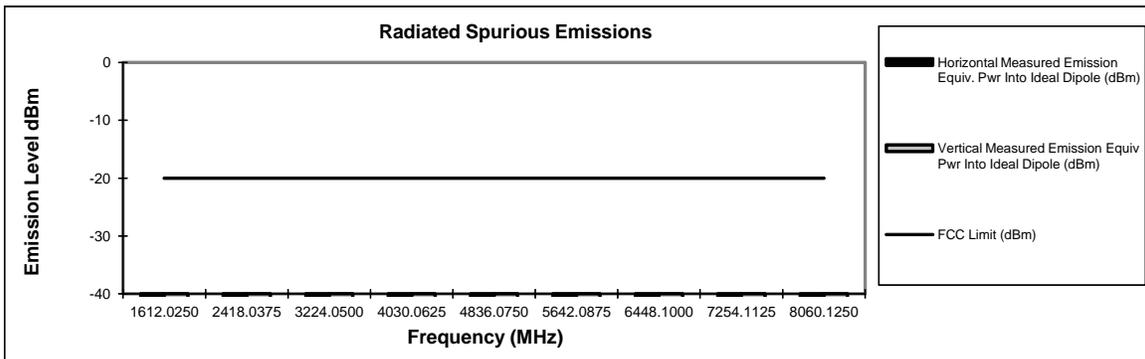
 The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

October 14, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1
Motorola Solutions
Test Performed by Motorola Plantation EMC and ATE P25 Compliance Labs
8000 West Sunrise Blvd
Fort Lauderdale, FL 33322

Exhibit 6 page 26
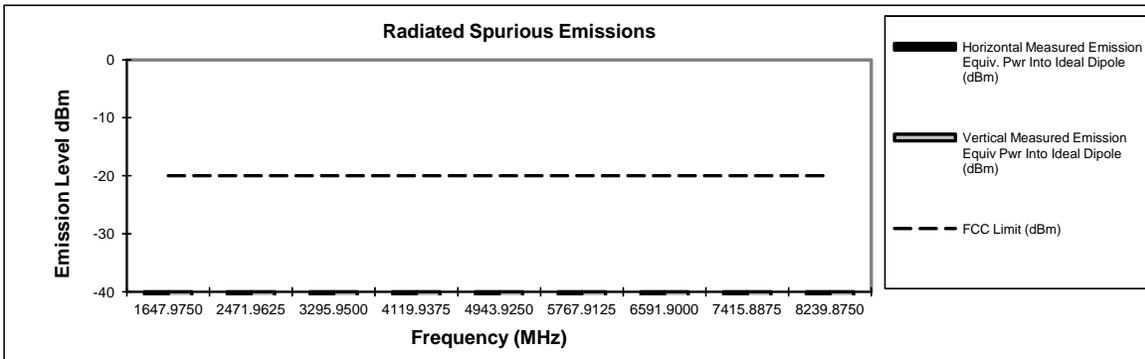
Motorola Solutions

Transmit Radiated Spurious Emissions: H97TGD9PW1AN
Tx Power: 3.6 Watts

869.8875 MHz   **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1739.7750	-20	*	*
2609.6625	-20	*	*
3479.5500	-20	*	*
4349.4375	-20	*	*
5219.3250	-20	*	*
6089.2125	-20	*	*
6959.1000	-20	*	*
7828.9875	-20	*	*
8698.8750	-20	*	*

* 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.

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

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 6.6 Watts

136.0125 MHz   **Channel Spacing 12.5kHz | S/N CAI131Y2FL**

Frequency (MHz)	FCC Limit (dBm)	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	*	*

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 6.6 Watts

157.8 MHz   **Channel Spacing 12.5kHz | S/N CAI131Y2FL**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
315.6000	-20	*	*
473.4000	-20	*	*
631.2000	-20	*	*
789.0000	-20	*	*
946.8000	-20	*	*
1104.6000	-20	*	*
1262.4000	-20	*	*
1420.2000	-20	*	*
1578.0000	-20	*	*

 * 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.

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

October 18, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1
Test Performed by Motorola Plantation EMC and ATE P25 Compliance Labs
Motorola Solutions
8000 West Sunrise Blvd
Fort Lauderdale, FL 33322
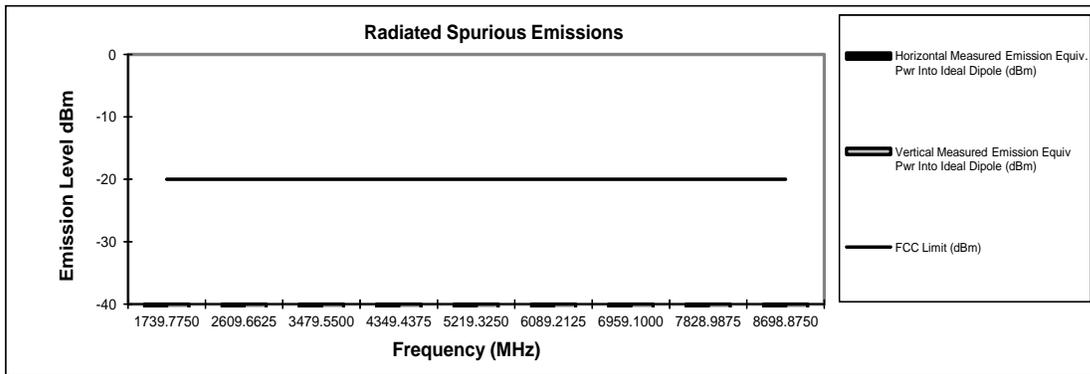
Exhibit 6 page 28

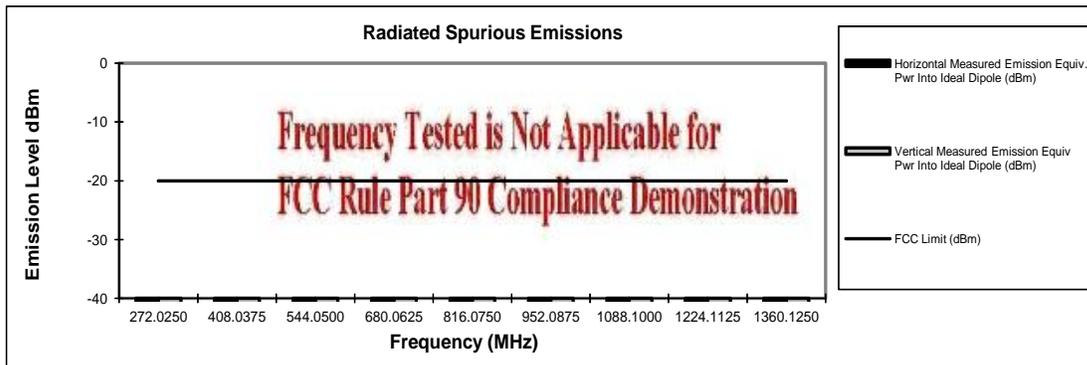**Motorola Solutions**
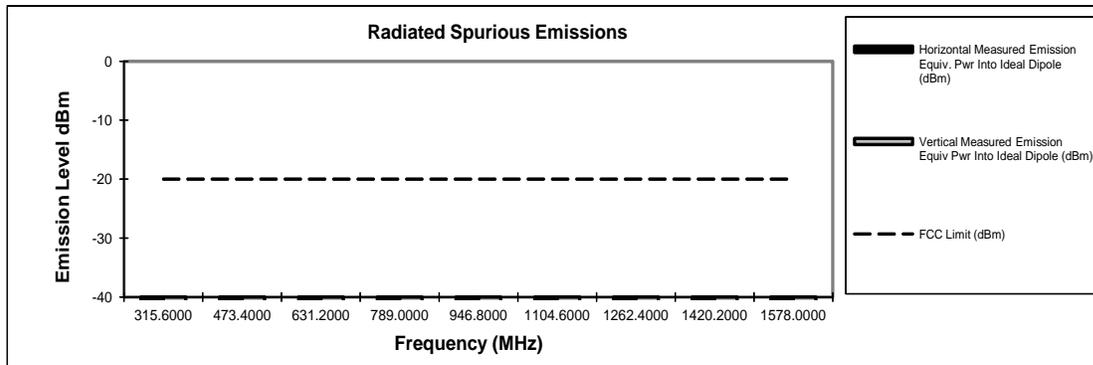
Transmit Radiated Spurious Emissions: H97TGD9PW1AN
Tx Power: 6.6 Watts

173.9875 MHz   **Channel Spacing 12.5kHz | S/N CAI131Y2FL**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
347.9750	-20	*	*
521.9625	-20	*	*
695.9500	-20	*	*
869.9375	-20	*	*
1043.9250	-20	*	*
1217.9125	-20	*	*
1391.9000	-20	*	*
1565.8875	-20	*	*
1739.8750	-20	*	*

 * 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.

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

October 18, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1
Test Performed by Motorola Plantation EMC and ATE P25 Compliance Labs
8000 West Sunrise Blvd
Fort Lauderdale, FL 33322

Exhibit 6 page 29

Motorola Solutions

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**

Tx Power: 2.99 Watts

764.0125 MHz   **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-13	*	*
2292.0375	-13	*	*
3056.0500	-13	*	*
3820.0625	-13	*	*
4584.0750	-13	*	*
5348.0875	-13	*	*
6112.1000	-13	*	*
6876.1125	-13	*	*
7640.1250	-13	*	*

* 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.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.
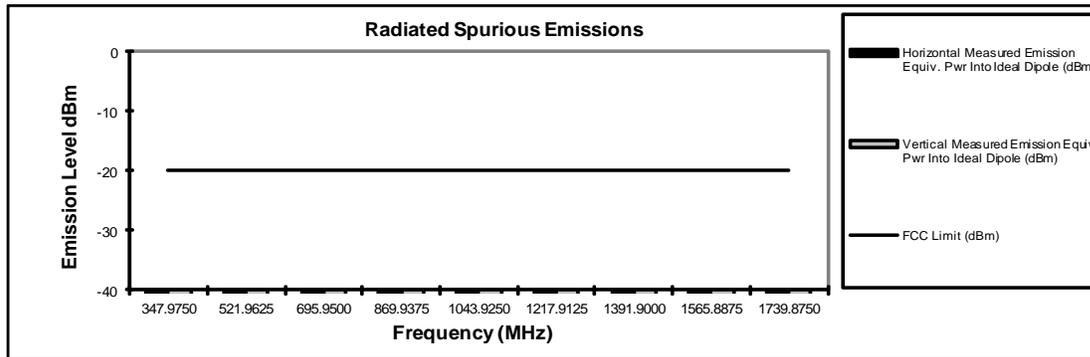
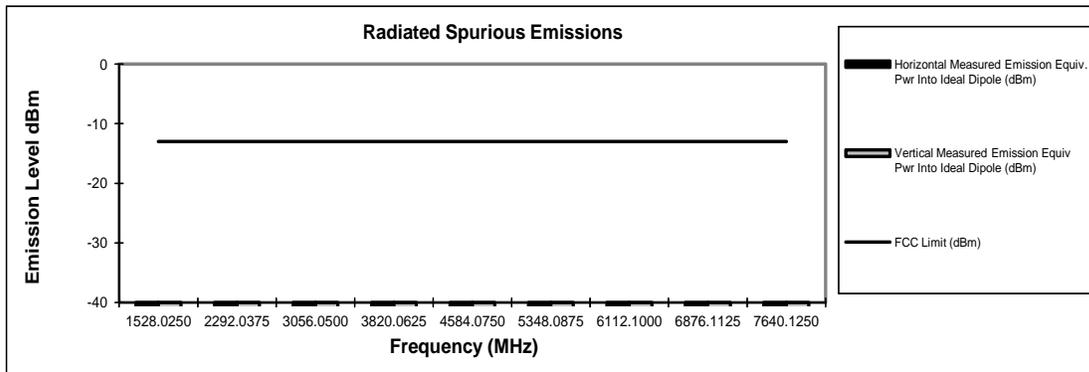**Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero**

Motorola Solutions

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 3.6 Watts

806.0125 MHz   **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	*	*
2418.0375	-13	*	*
3224.0500	-13	*	*
4030.0625	-13	*	*
4836.0750	-13	*	*
5642.0875	-13	*	*
6448.1000	-13	*	*
7254.1125	-13	*	*
8060.1250	-13	*	*

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 3.6 Watts

823.9875 MHz   **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	*	*
2471.9625	-13	*	*
3295.9500	-13	*	*
4119.9375	-13	*	*
4943.9250	-13	*	*
5767.9125	-13	*	*
6591.9000	-13	*	*
7415.8875	-13	*	*
8239.8750	-13	*	*

* 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.

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

Test Performed by Motorola Plantation EMC and ATP P25 Compliance Labs   Exhibit 6 page 31
Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero   **October 15, 2013**
8000 West Sunrise Blvd
Fort Lauderdale, FL 33322

Motorola Solutions

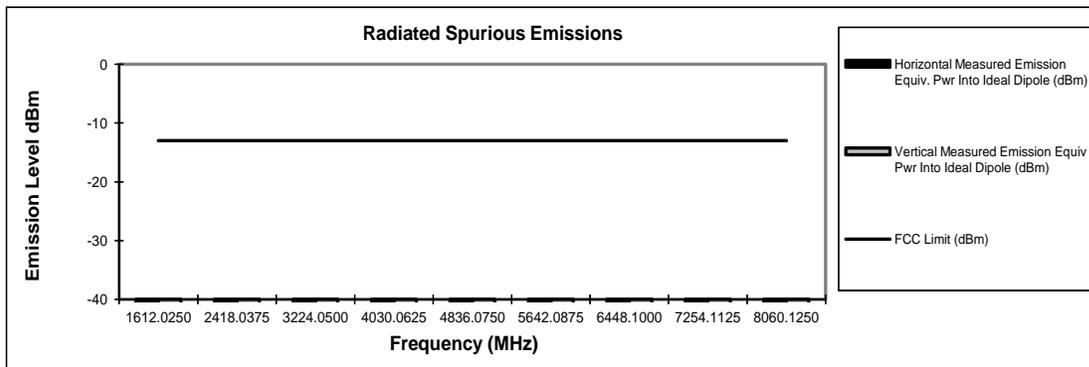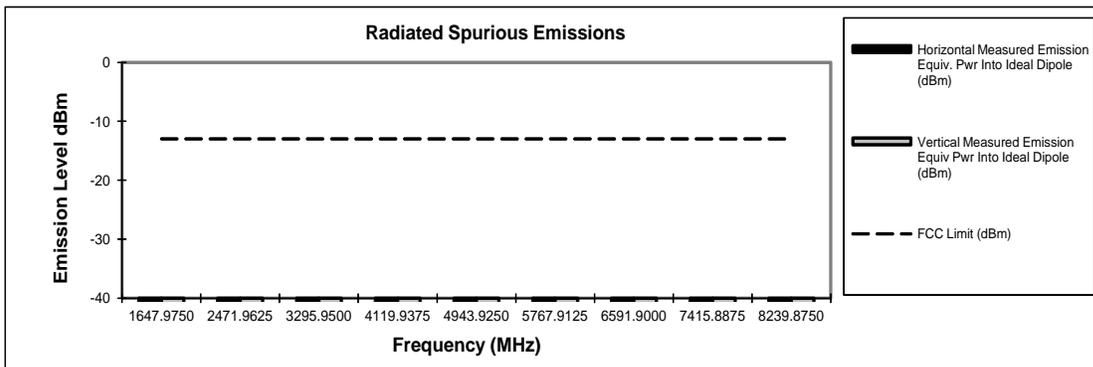**Transmit Radiated Spurious Emissions: H97TGD9PW1AN**
Tx Power: 3.6 Watts

869.8875 MHz   **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1739.7750	-13	*	*
2609.6625	-13	*	*
3479.5500	-13	*	*
4349.4375	-13	*	*
5219.3250	-13	*	*
6089.2125	-13	*	*
6959.1000	-13	*	*
7828.9875	-13	*	*
8698.8750	-13	*	*

Radiated Spurious Emissions

Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)

Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)

FCC Limit (dBm)

Emission Level dBm — 0, -10, -20, -30, -40

Frequency (MHz) — 1739.7750 2609.6625 3479.5500 4349.4375 5219.3250 6089.2125 6959.1000 7828.9875 8698.8750

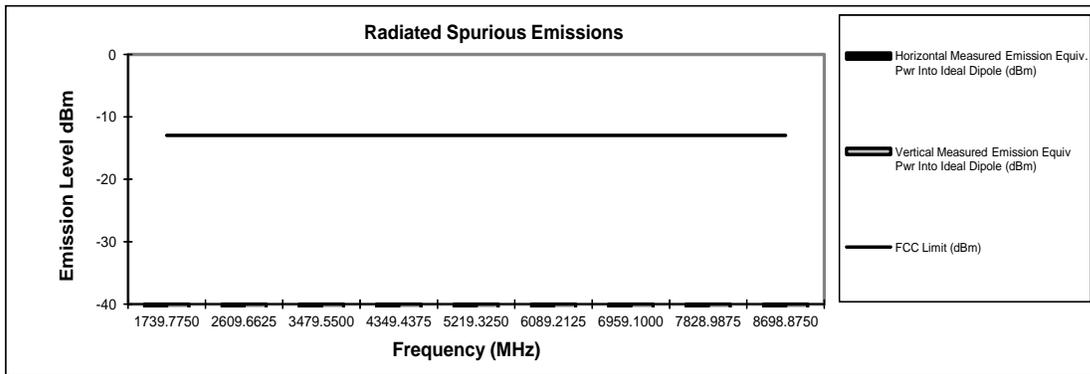 * Indicates the spurious emission could not be detected due to noise limitations or ambients.

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

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

Motorola Solutions

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 6.6 Watts

136.0125 MHz   **Channel Spacing 25kHz | S/N CAI131Y2FL**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
272.0250	-13	*	*
408.0375	-13	*	*
544.0500	-13	*	*
680.0625	-13	*	*
816.0750	-13	*	*
952.0875	-13	*	*
1088.1000	-13	*	*
1224.1125	-13	*	*
1360.1250	-13	*	*

Transmit Radiated Spurious Emissions: **H97TGD9PW1AN**
Tx Power: 6.6 Watts

157.8 MHz   **Channel Spacing 25kHz | S/N CAI131Y2FL**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
315.6000	-13	*	*
473.4000	-13	*	*
631.2000	-13	*	*
789.0000	-13	*	*
946.8000	-13	*	*
1104.6000	-13	*	*
1262.4000	-13	*	*
1420.2000	-13	*	*
1578.0000	-13	*	*

 * 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.

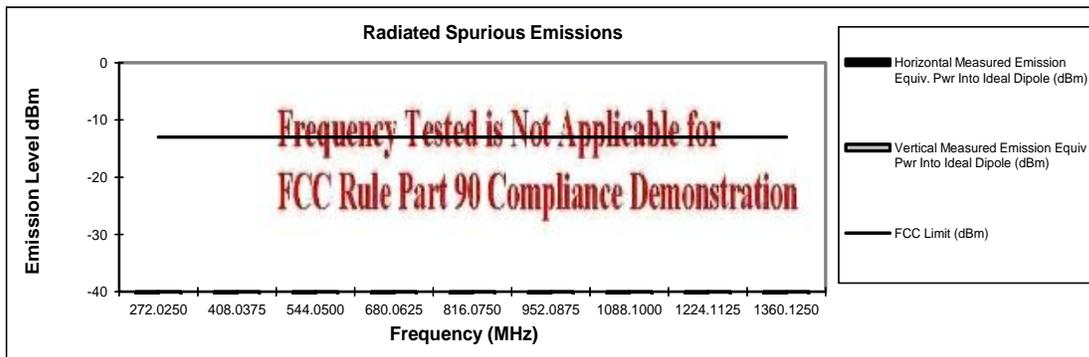 The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

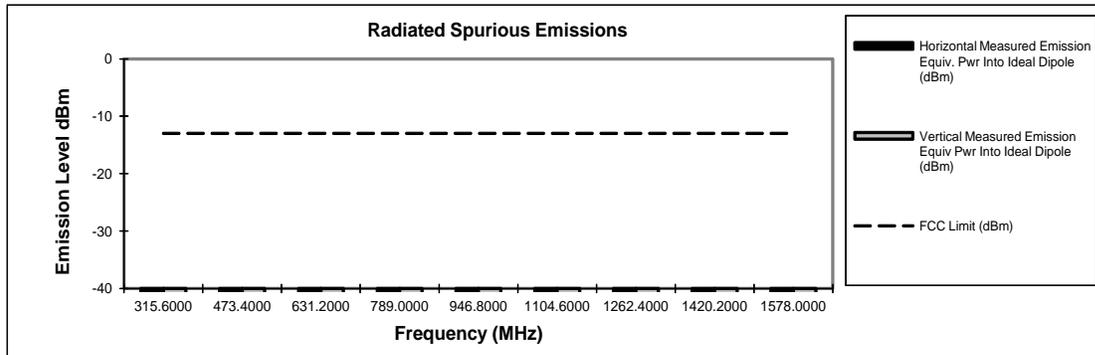**Motorola Solutions**

Transmit Radiated Spurious Emissions: H97TGD9PW1AN
Tx Power: 6.6 Watts

173.9875 MHz   **Channel Spacing 25kHz | S/N CAI131Y2FL**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
347.9750	-13	*	*
521.9625	-13	*	*
695.9500	-13	*	*
869.9375	-13	*	*
1043.9250	-13	*	*
1217.9125	-13	*	*
1391.9000	-13	*	*
1565.8875	-13	*	*
1739.8750	-13	*	*

Radiated Spurious Emissions

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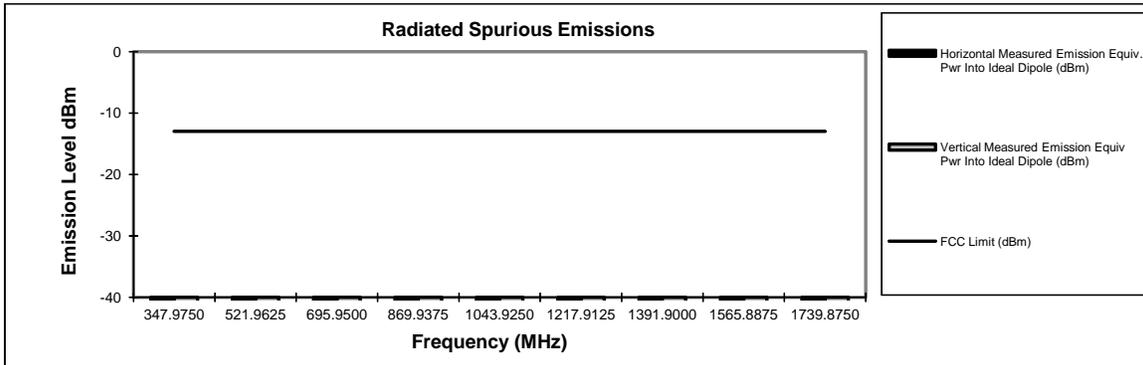
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero   **October 18, 2013**

Test Performed by Motorola Plantation EMC and ATE P25 Compliance Labs   Exhibit 6 page 34

FCC Registration: 91932 / Industry Canada: IC109U-1
8000 West Sunrise Blvd
Fort Lauderdale, FL 33322

Exhibit 6D

4. Transmitter Conducted Spurious Emissions

Spurious response was measured at 136.0125MHz, 157.8MHz, 173.9875MHz, 764.0125MHz, 806.0125MHz, 823.9875MHz, and 869.8875MHz. Conducted emissions were measured to 2 GHz. All spurious and harmonic emissions are well below the FCC limit.

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode

Temperature 25
Voltage 7.50
Power Output =6.60 W
Frequency 157.800000 MHz

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode

Temperature 25
Voltage 7.50
Power Output =6.60 W
Frequency 173.987500 MHz

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode

Temperature 25

Voltage 7.50

Power Output =2.99 W

Frequency 764.012500 MHz

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode

Temperature 25
Voltage 7.50
Power Output =3.60 W
Frequency 806.012500 MHz

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode

Temperature 25
Voltage 7.50
Power Output =3.60 W
Frequency 823.987500 MHz

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode

Temperature   25

Voltage   7.50

Power Output =3.60 W

Frequency   869.887500 MHz

Exhibit 6E

5. Adjacent Channel Coupled Power Ratio

ANALOG 12.5 kHz Channel Spacing 799.0625 MHz				
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dB
9.375	6.25	-45.7	-49.2	-40
15.625	6.25	-75.7	-76	-60
21.875	6.25	-80.2	-80.2	-60
37.5	25	-75.9	-75.3	-60
62.5	25	-82	-82.1	-65
87.5	25	-84.2	-84.3	-65
150	100	-78.2	-78	-65
250	100	-82.3	-82.1	-65
350	100	-84.8	-85.2	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

ANALOG 25 kHz Channel Spacing 799.0625 MHz				
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dB
15.625	6.25	-71.4	-72	-40
21.875	6.25	-79.3	-80.1	-60
37.5	25	-77.9	-77.8	-60
62.5	25	-83.2	-83.9	-65
87.5	25	-84.6	-85.2	-65
150	100	-77.6	-77.8	-65
250	100	-82	-82.1	-65
350	100	-84.3	-84.3	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

APCO 12.5 kHz Channel Spacing Voice 799.0625 MHz				
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dB
9.375	6.25	-40.6	-44.3	-40
15.625	6.25	-75.2	-75.2	-60
21.875	6.25	-79.6	-79.5	-60
37.5	25	-77.1	-76.5	-60
62.5	25	-80.9	-80.6	-65
87.5	25	-82.7	-82.4	-65
150	100	-77.2	-77.1	-65
250	100	-80.1	-80	-65
350	100	-81.7	-81.7	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

APCO 12.5 kHz Channel Spacing Digital Data 799.0625 MHz				
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dB
9.375	6.25	-42.3	-41	-40
15.625	6.25	-75.5	-75	-60
21.875	6.25	-78.9	-78.3	-60
37.5	25	-77.2	-76.5	-60
62.5	25	-81.2	-80.7	-65
87.5	25	-83	-82.6	-65
150	100	-73.6	-72.7	-65
250	100	-77.6	-76.7	-65
350	100	-80.6	-79.3	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

12.5 kHz Channel Spacing F2 Mode799.0625MHz				
Offset (kHz)	Meas BW (kHz)	Lower	Upper	Spec (dB
9.375	6.25	-42.2	-41.5	-40
15.625	6.25	-75	-74.2	-60
21.875	6.25	-77.5	-77.2	-60
37.5	25	-74.7	-74.9	-60
62.5	25	-75.6	-75.7	-65
87.5	25	-76.6	-76.5	-65
150	100	-72.9	-73.7	-65
250	100	-77	-77.3	-65
350	100	-80	-79.7	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100