EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

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- 6E-5 –485.075 MHz, 12.5 kHz Channel Spacing (Digital Data)
- 6E-6 –153.0125 MHz, 12.5 kHz Channel Spacing (Digital Data)
- 6E-7 –485.075 MHz, 12.5 kHz Channel Spacing (Digital Voice)
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- 6E-10 –153.0125 MHz, 12.5 kHz Channel Spacing (Digital TDMA)
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6F-3 - High Power 519.975 MHz, 25 kHz Channel Spacing
6F-4 - High Power 136.0125 MHz, 25 kHz Channel Spacing
6F-5 - High Power 153.0125 MHz, 25 kHz Channel Spacing
6F-6 - High Power 173.9875 MHz, 25 kHz Channel Spacing

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6J-3 – 153.0125 MHz, 12.5 kHz Channel Spacing – Transmitter On
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6J-6 – 485.075 MHz, 25 kHz Channel Spacing – Transmitter Off
6J-7 – 153.0125 MHz, 25 kHz Channel Spacing – Transmitter On
6J-8 – 153.0125 MHz, 25 kHz Channel Spacing – Transmitter Off

EXHIBIT 6A

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

Frequency = 485.025 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.42 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.75 Amps
Output RF power	5.6 Watts
DC Voltage	7.50 Volts
DC Current	2.03 Amps

Frequency = 154.225 MHz:

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	1.04 Amps
Output RF power	3.00 Watts
DC Voltage	7.50 Volts
DC Current	1.47 Amps
Output RF power	6.6 Watts
DC Voltage	7.50 Volts
DC Current	2.12 Amps

EXHIBIT 6B

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

Audio Frequency Response
(Freq: 485.025MHz, ChSp: 12.5kHz)

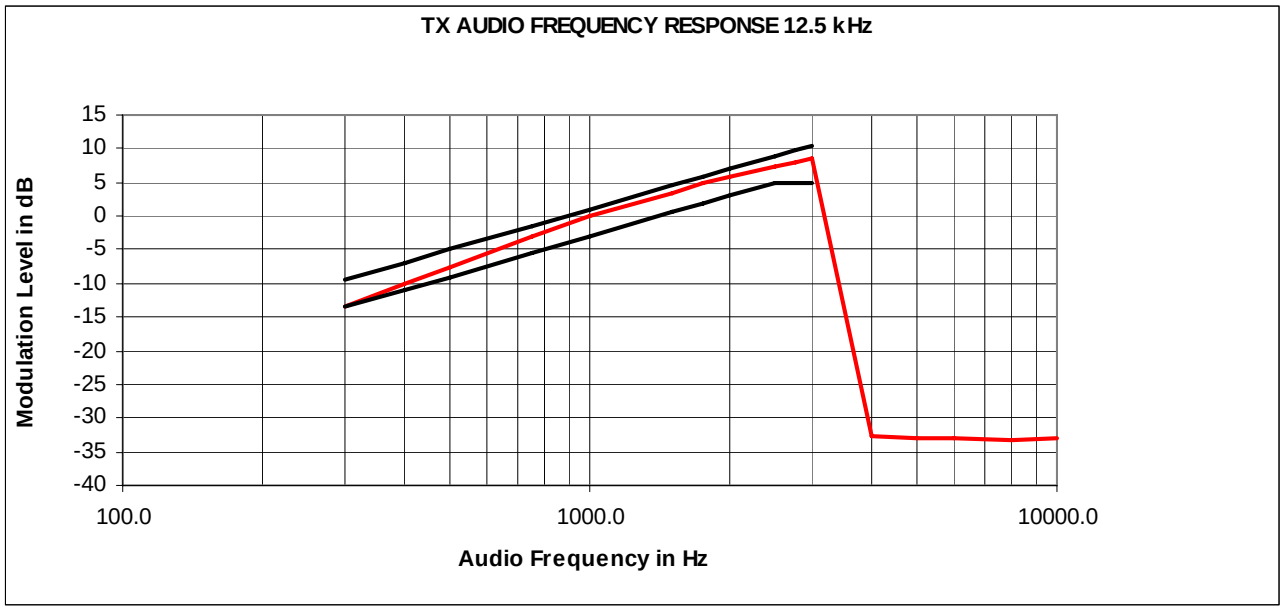


Exhibit 6B-1

Audio Frequency Response
(Freq: 155.025MHz, ChSp: 12.5kHz)

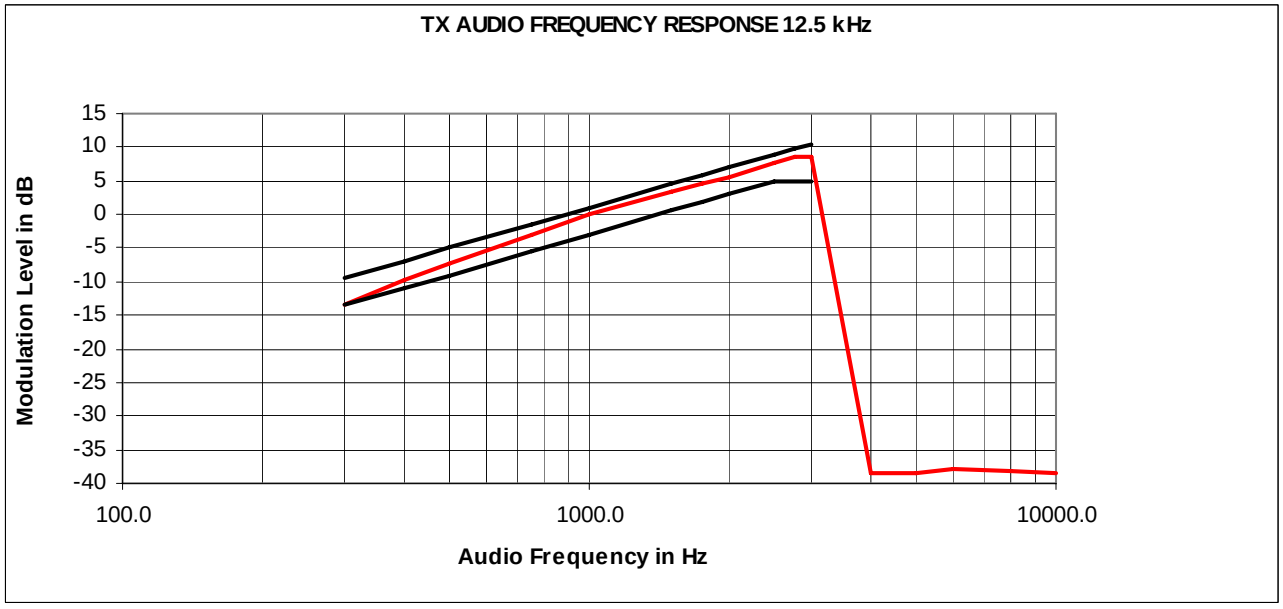


Exhibit 6B-2

Audio Frequency Response
(Freq: 485.025MHz, ChSp: 25kHz)

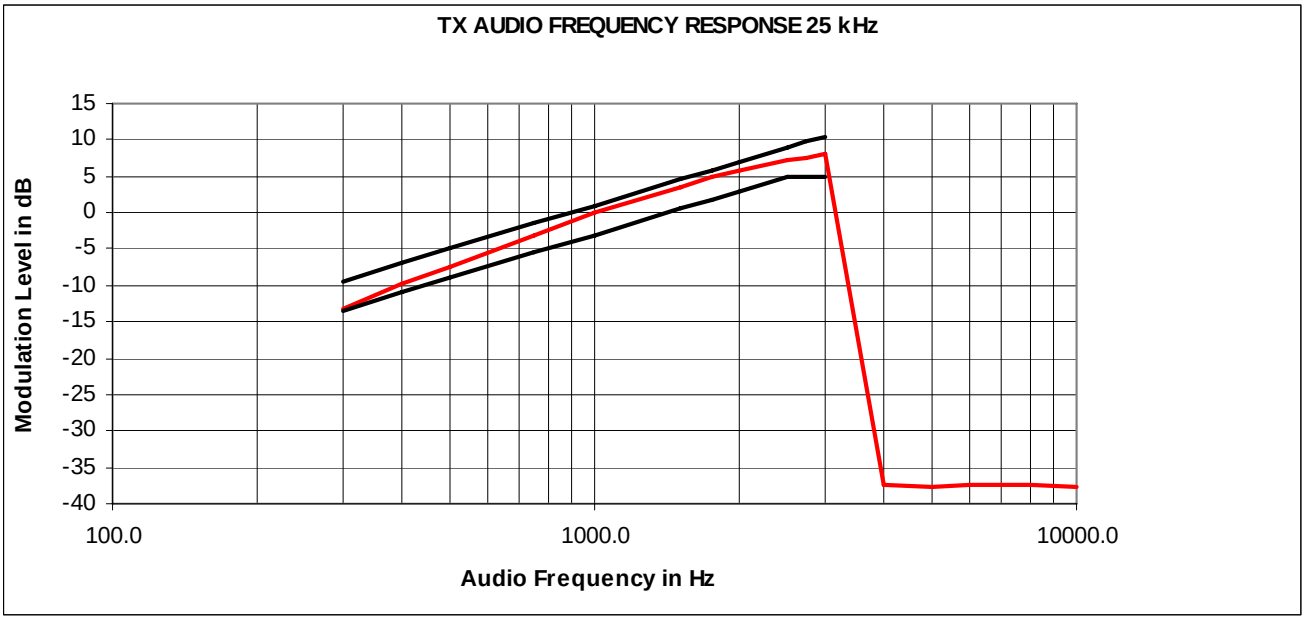


Exhibit 6B-3

Audio Frequency Response
(Freq: 155.025MHz, ChSp: 25kHz)

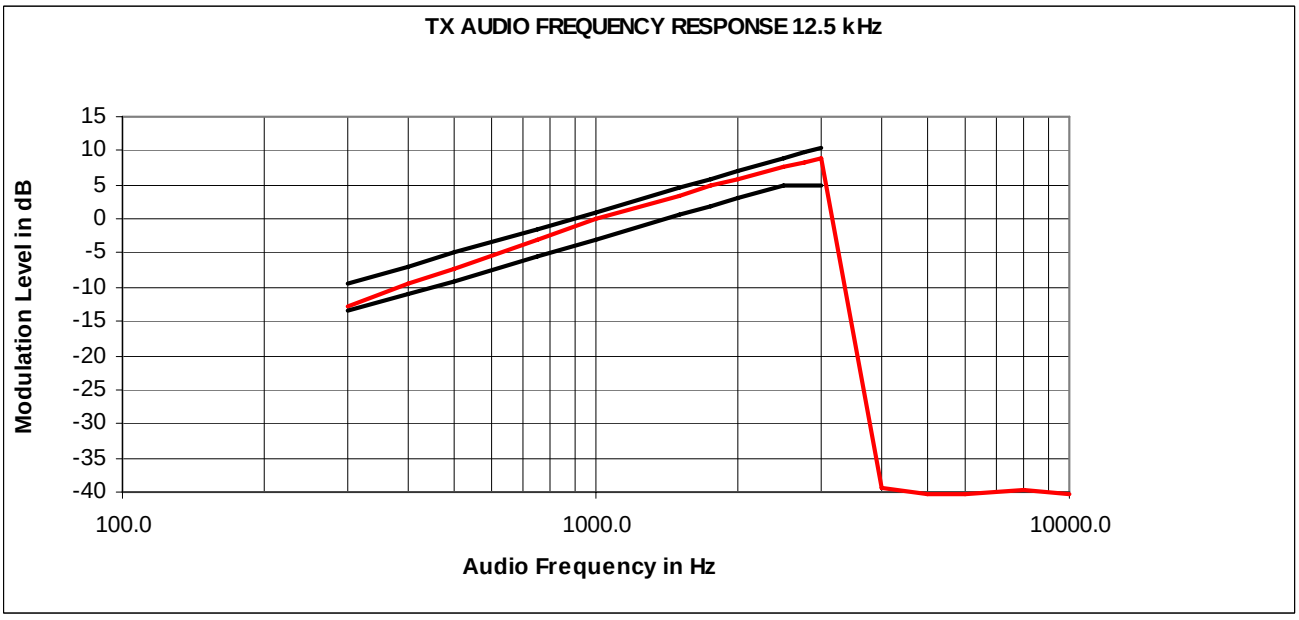


Exhibit 6B-4

EXHIBIT 6C
Audio Low Pass Filter Response- Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

Transmit Low Pass Filter Frequency Response
(Freq: 485.025MHz, ChSp: 12.5kHz)

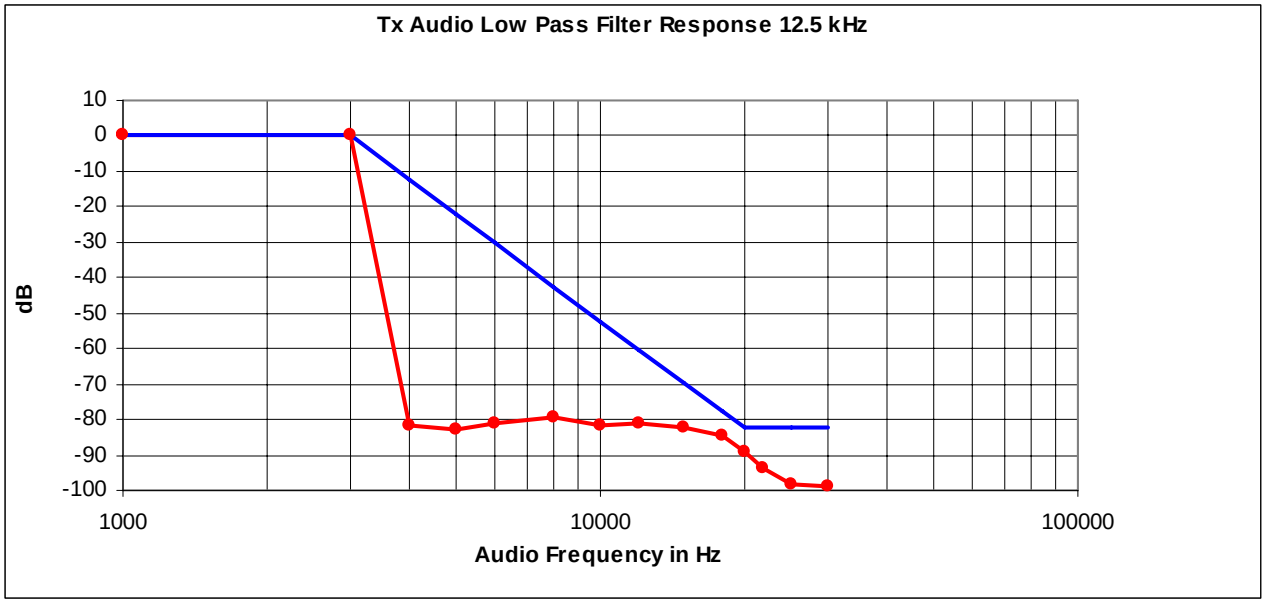


Exhibit 6C-1

Transmit Low Pass Filter Frequency Response
(Freq: 155.025MHz, ChSp: 12.5kHz)

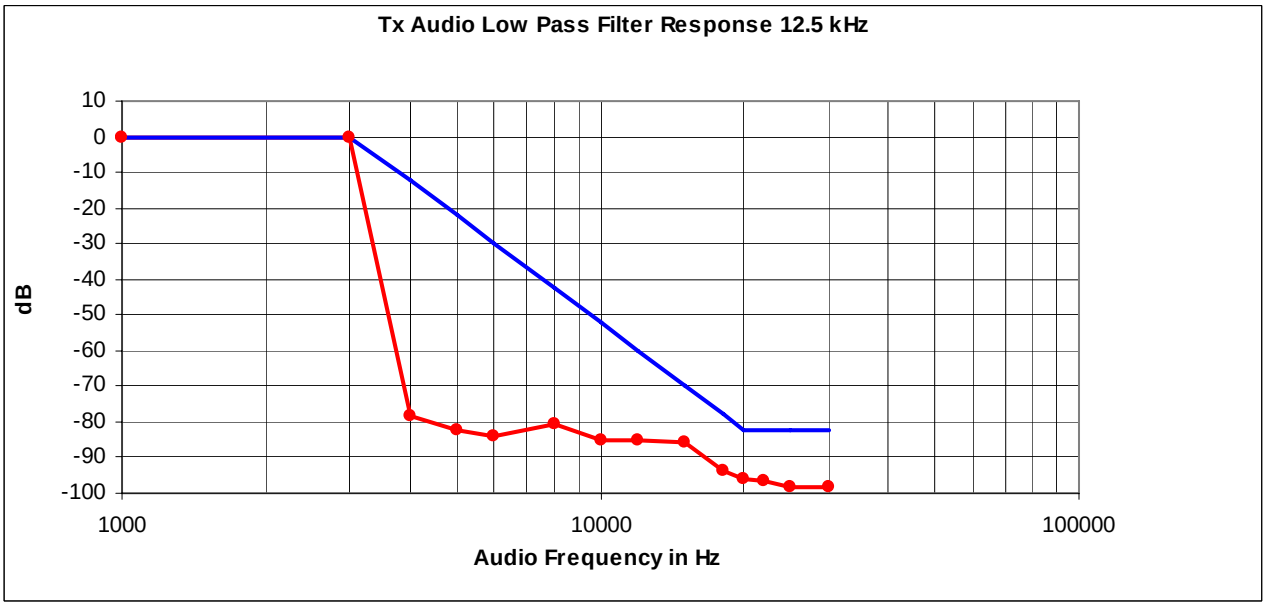


Exhibit 6C-2

Transmit Low Pass Filter Frequency Response
(Freq: 485.025MHz, ChSp: 25kHz)

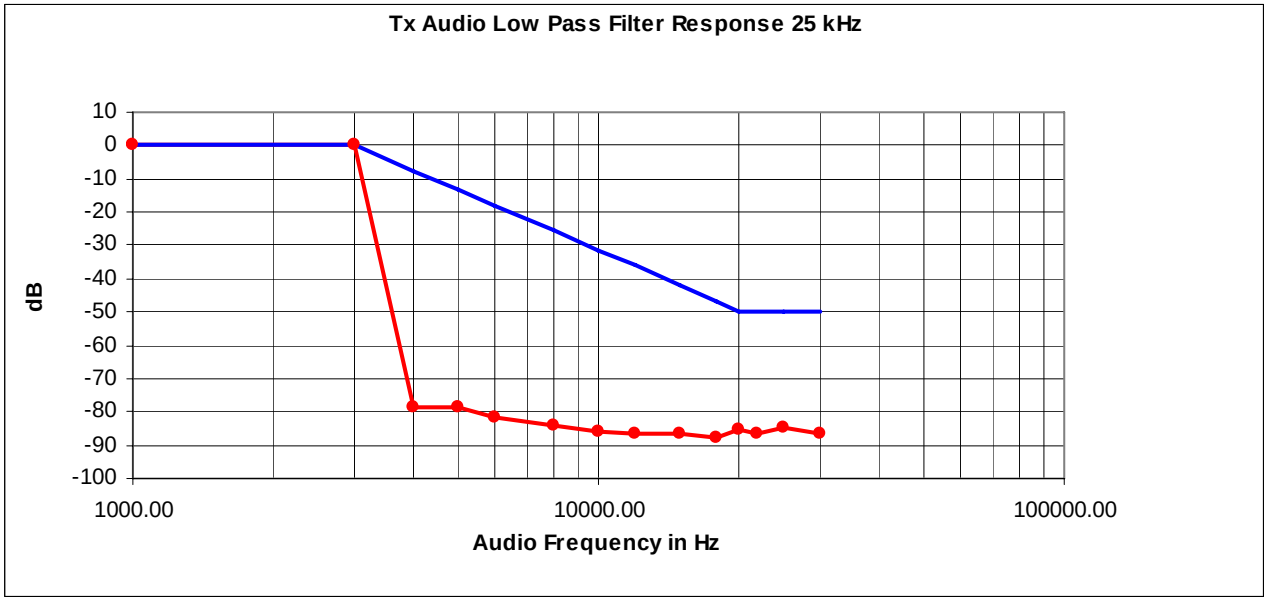


Exhibit 6C-3

Transmit Low Pass Filter Frequency Response
(Freq: 155.025MHz, ChSp: 25kHz)

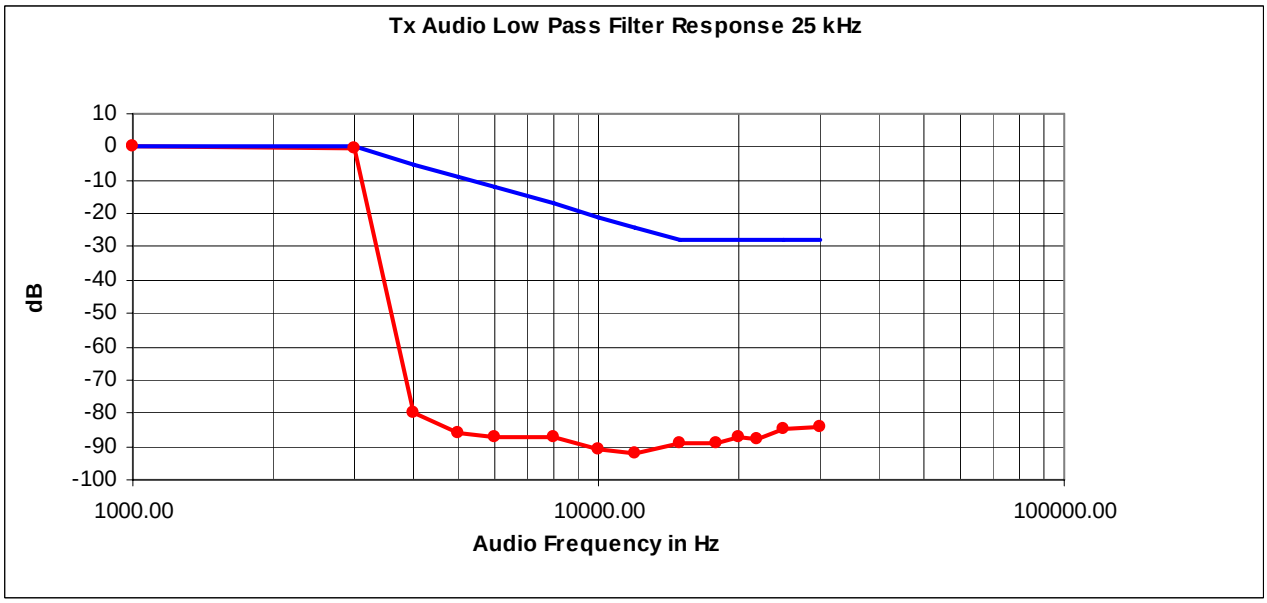


Exhibit 6C-4

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

Modulation Limiting (Freq: 485.025MHz, ChSp: 12.5kHz)

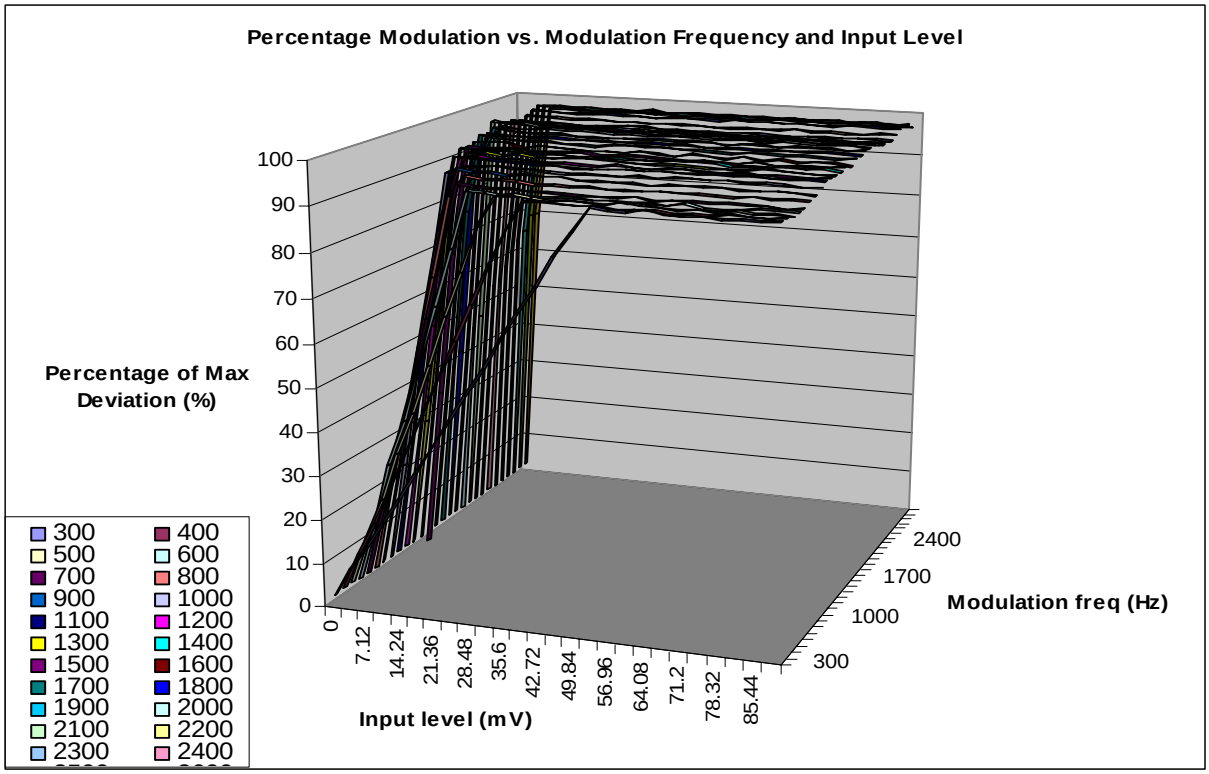


Exhibit 6D-1

Modulation Limiting (Freq: 155.025MHz, ChSp: 12.5kHz)

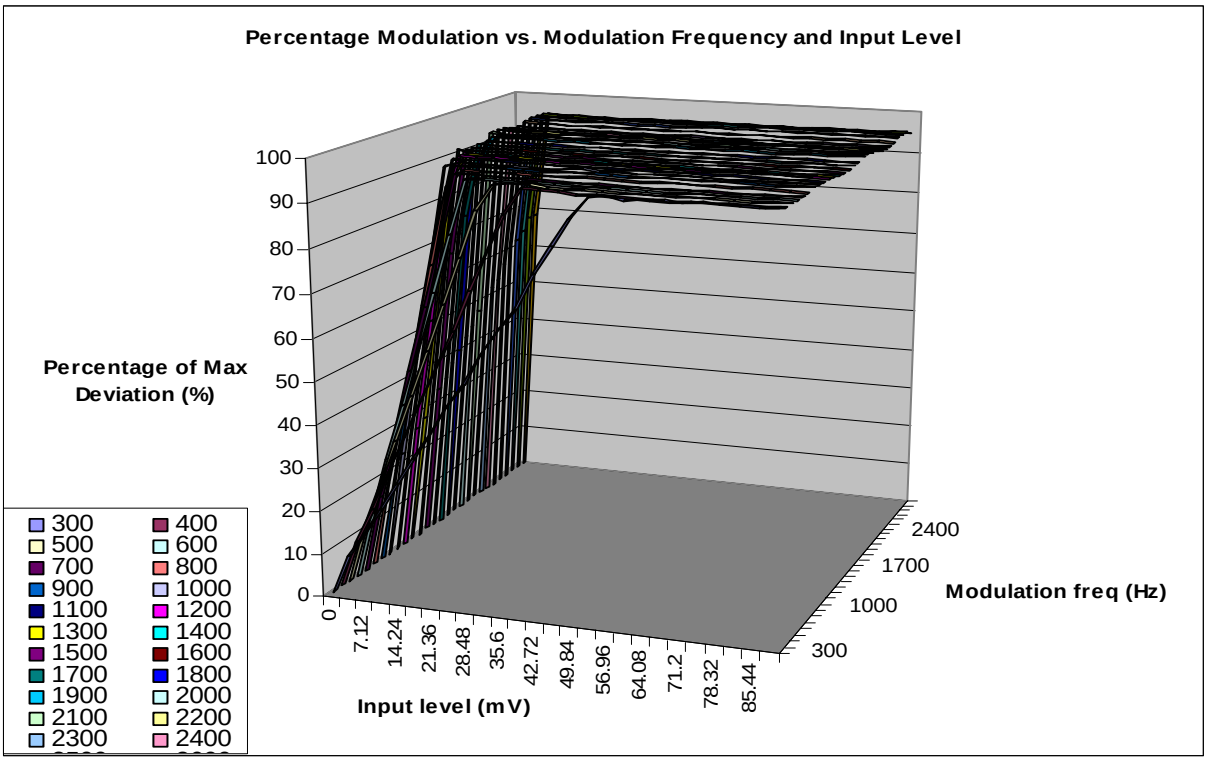


Exhibit 6D-2

Modulation Limiting (Freq: 485.025MHz, ChSp: 25kHz)

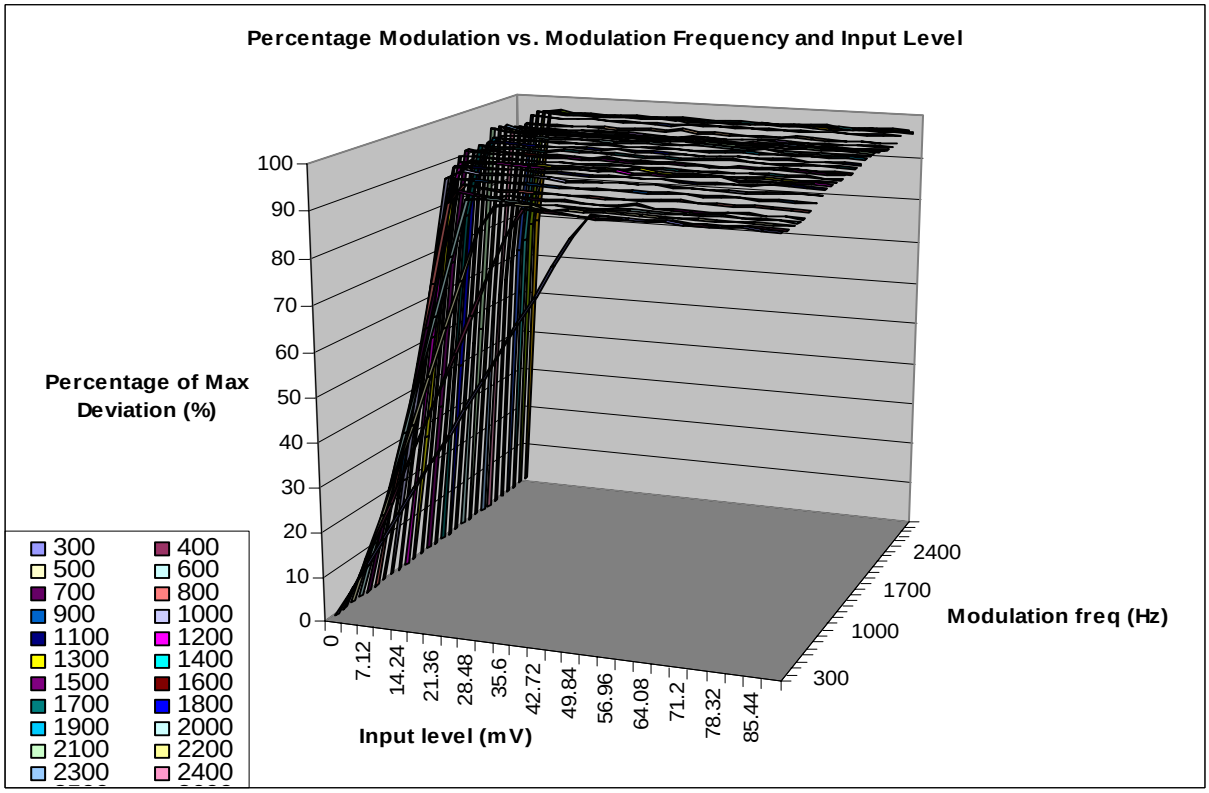


Exhibit 6D-3

Modulation Limiting (Freq: 155.025MHz, ChSp: 25kHz)

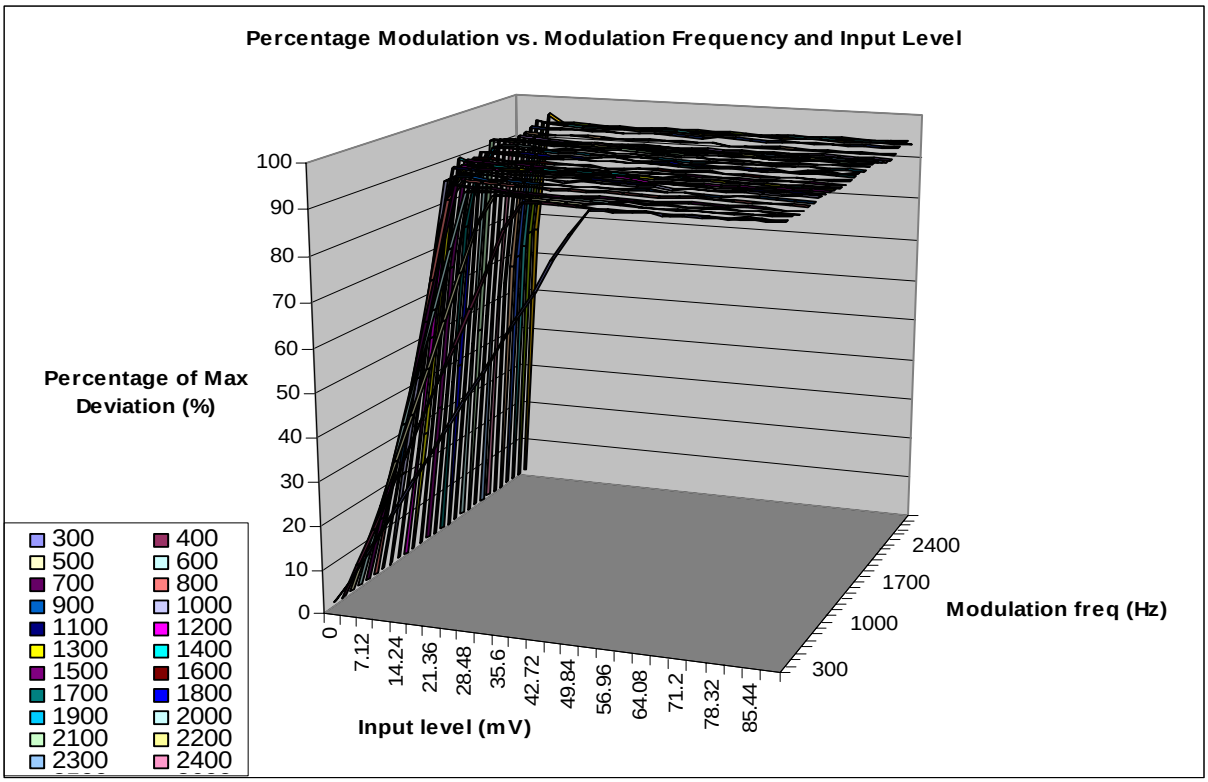


Exhibit 6D-4

BANDWIDTH CALCULATIONS**:**

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

Shown below are the calculations required for FCC ID: AZ489FT7036.

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(g) and 90.691

Occupied Bandwidth (Analog Voice: 11K0F3E)

Frequency = 485.075 MHz Channel Spacing = 12.5 kHz

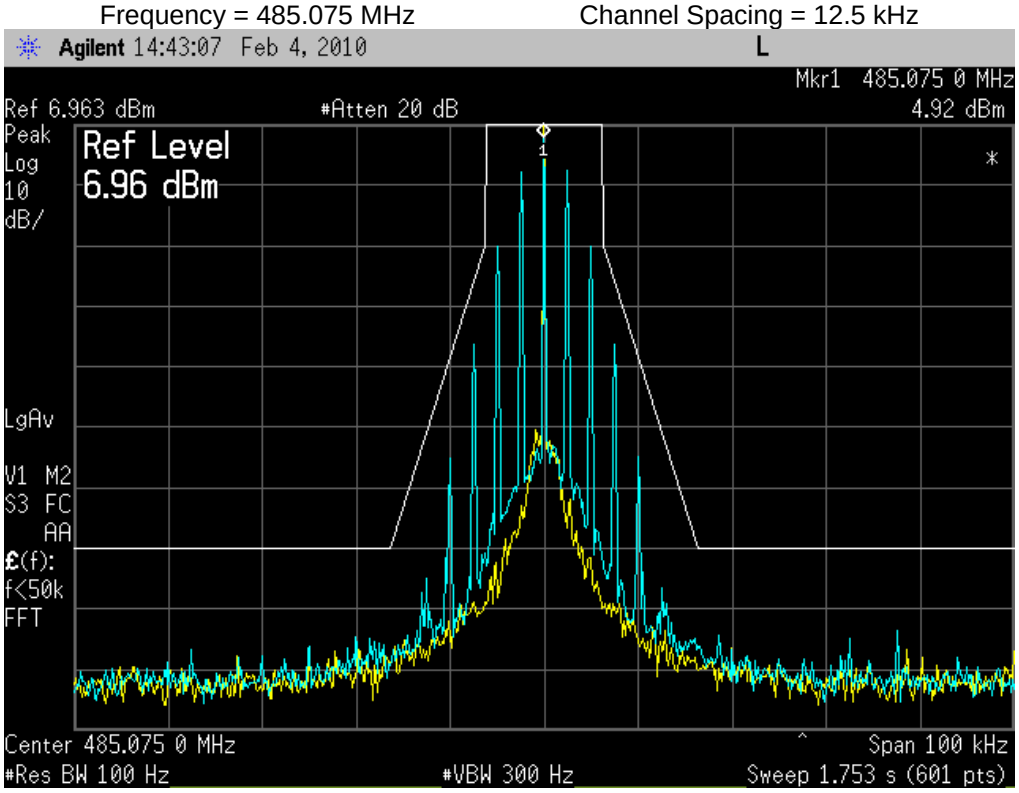


Exhibit 6E-1

Occupied Bandwidth (Analog Voice: 11K0F3E)

Frequency = 153.0125 MHz Channel Spacing = 12.5 kHz

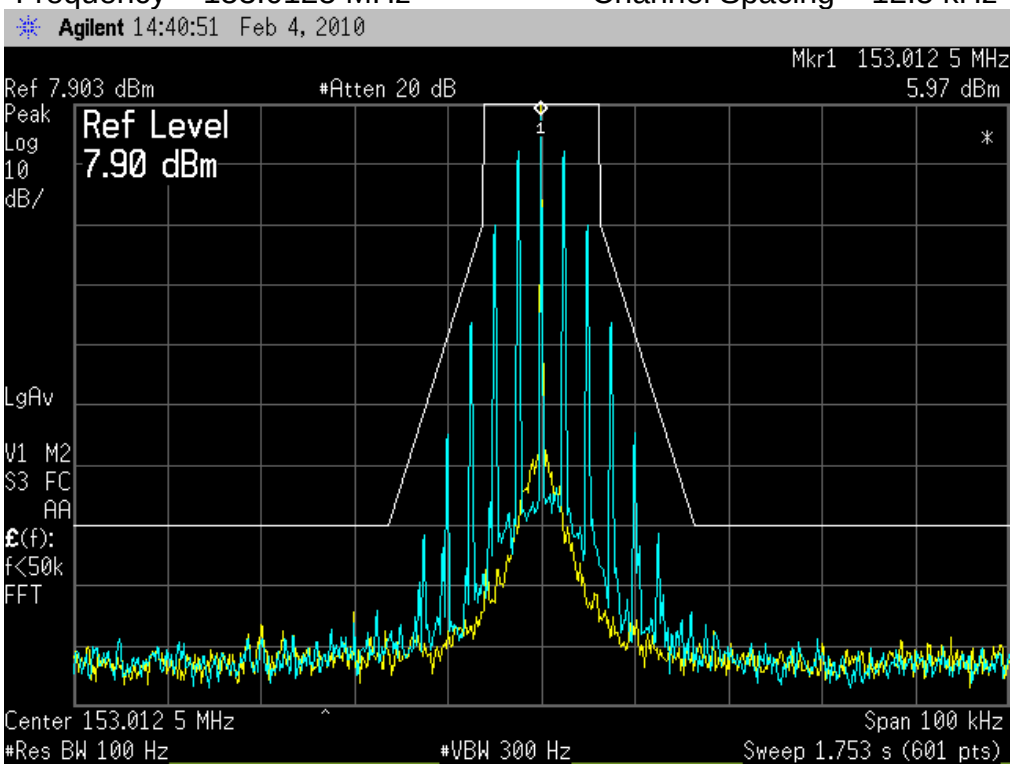


Exhibit 6E-2

Occupied Bandwidth (Analog Voice: 16K0F3E)

Frequency = 485.075 MHz Channel Spacing = 25 kHz

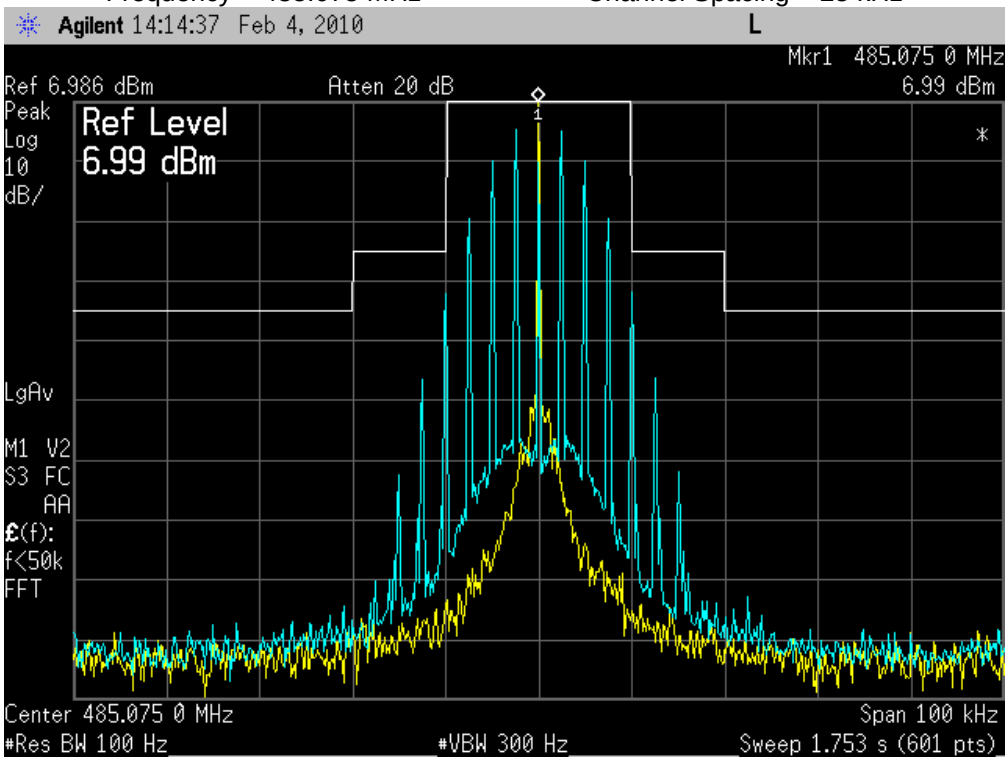


Exhibit 6E-3

Occupied Bandwidth (Analog Voice: 16K0F3E)

Frequency = 153.0125 MHz Channel Spacing = 25 kHz

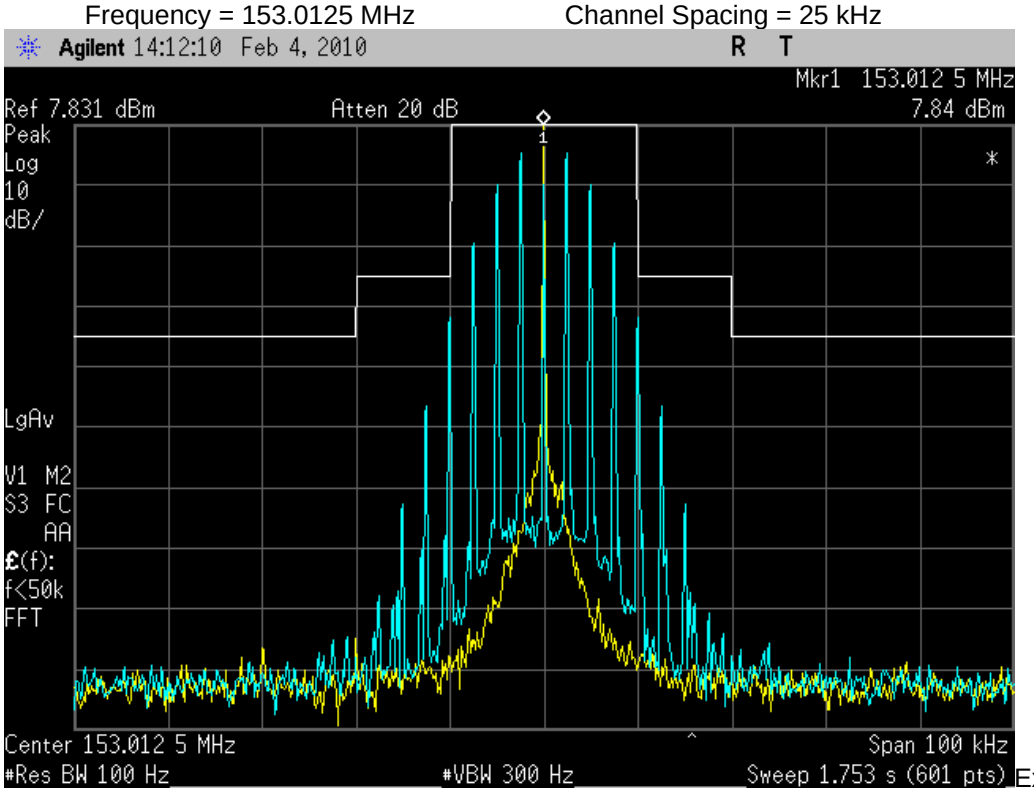


Exhibit 6E-4

Occupied Bandwidth (Digital Data: 8K10F1D)

Frequency = 485.075 MHz Channel Spacing = 12.5 kHz

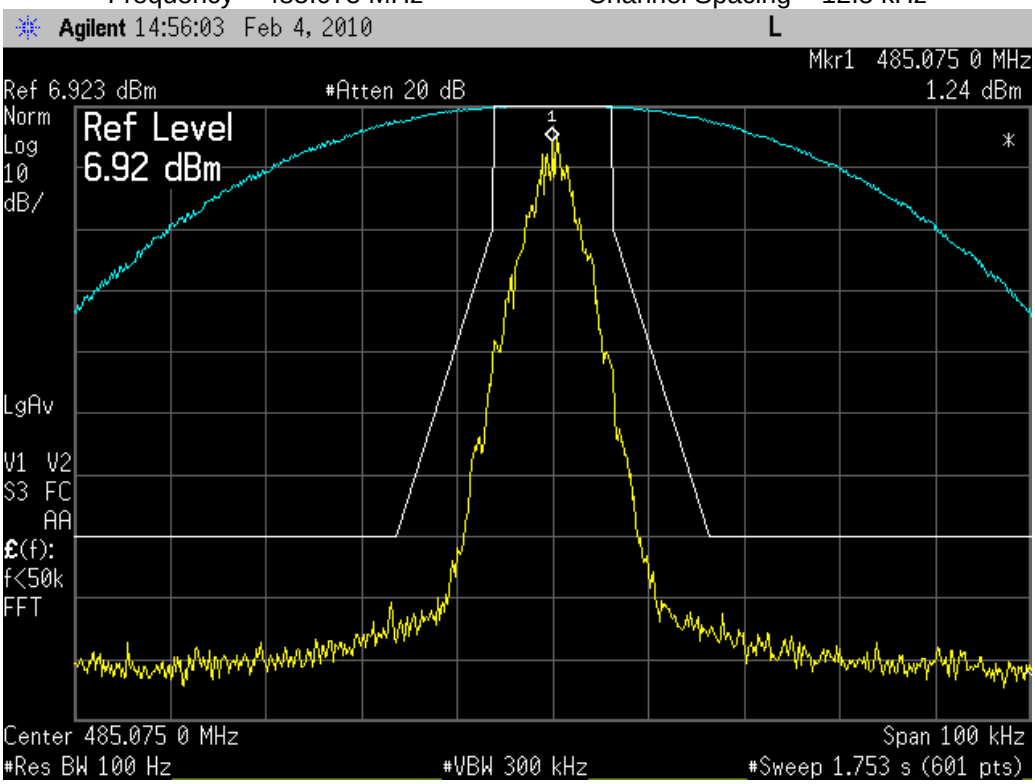


Exhibit 6E-5

Occupied Bandwidth (Digital Data: 8K10F1D)

Frequency = 153.0125 MHz Channel Spacing = 12.5 kHz

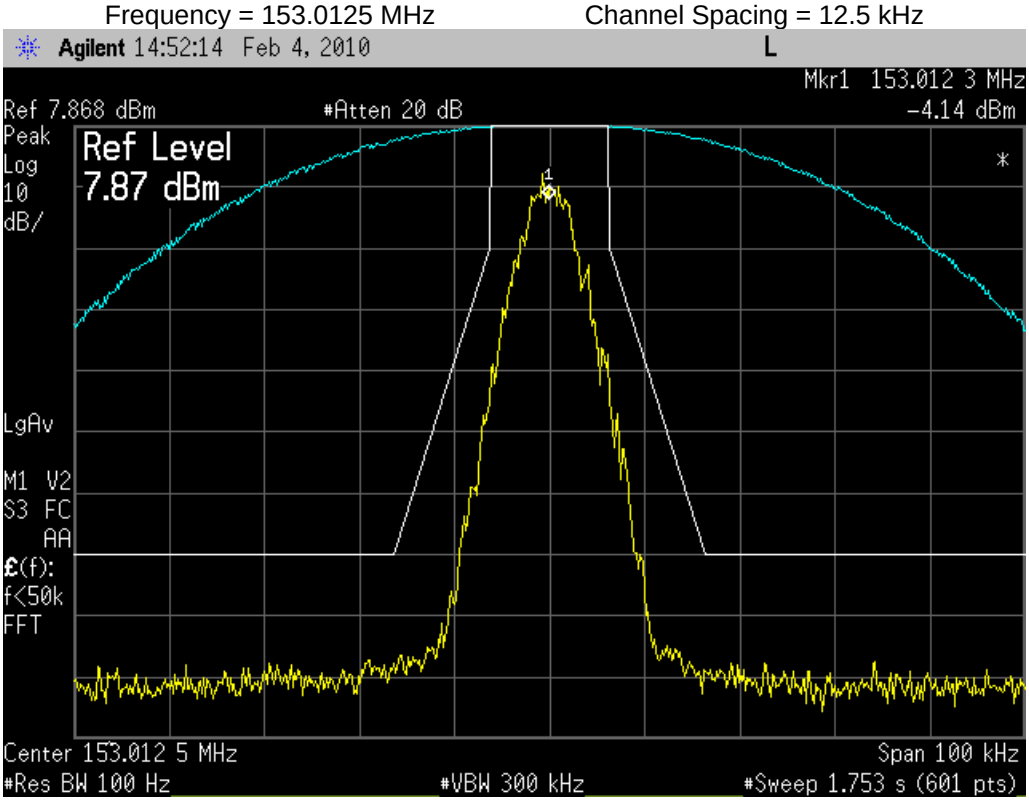


Exhibit 6E-6

Occupied Bandwidth (Digital Voice: 8K10F1E)

Frequency = 485.075 MHz Channel Spacing = 12.5 kHz

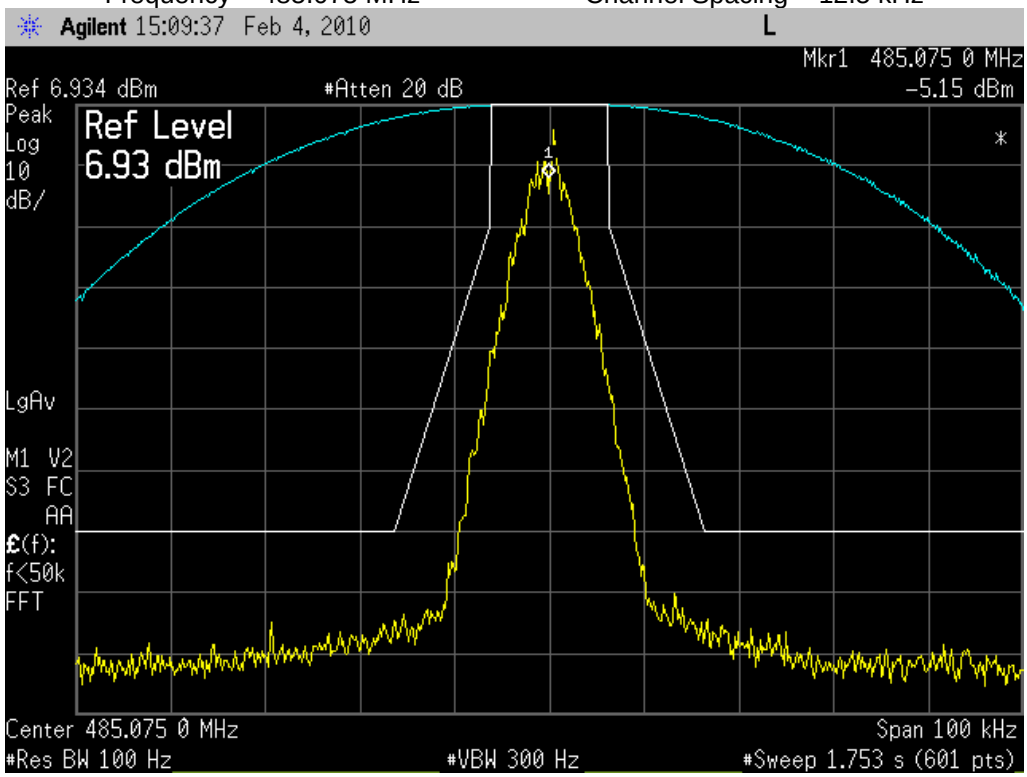


Exhibit 6E-7

Occupied Bandwidth (Digital Voice: 8K10F1E)
Frequency = 153.0125 MHz Channel Spacing = 12.5 kHz)

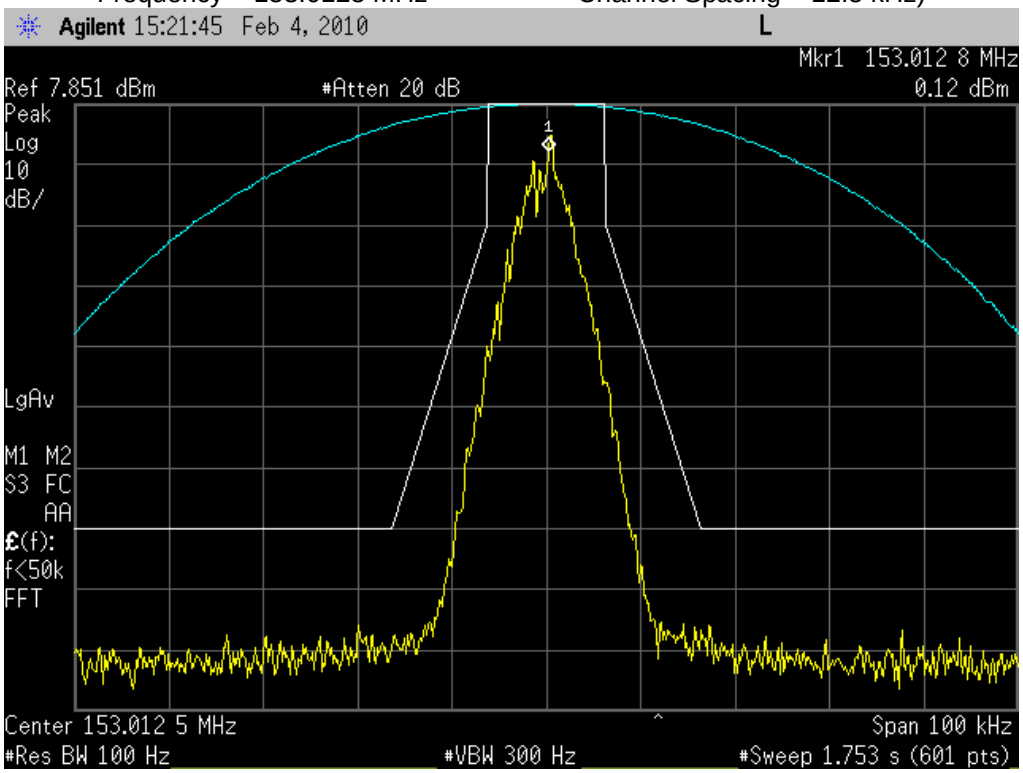


Exhibit 6E-8

Occupied Bandwidth (Digital TDMA: 8K10F1W)
Frequency = 485.075 MHz Channel Spacing = 12.5 kHz

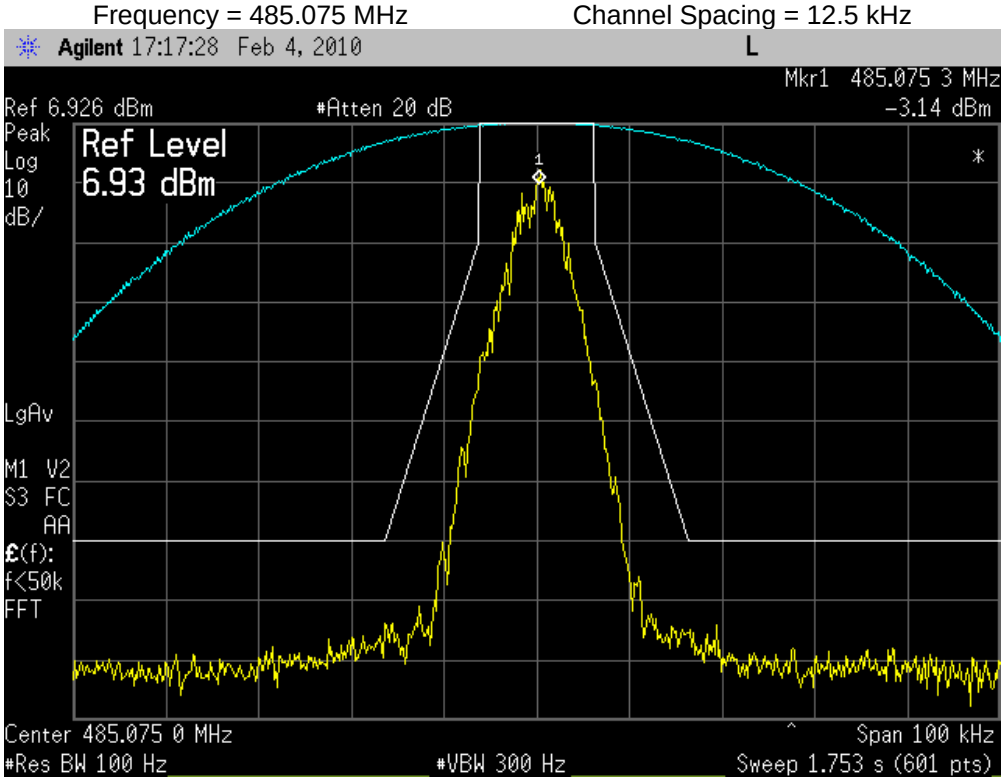


Exhibit 6E-9

Occupied Bandwidth (Digital TDMA: 8K10F1W)

Frequency = 153.0125 MHz Channel Spacing = 12.5 kHz

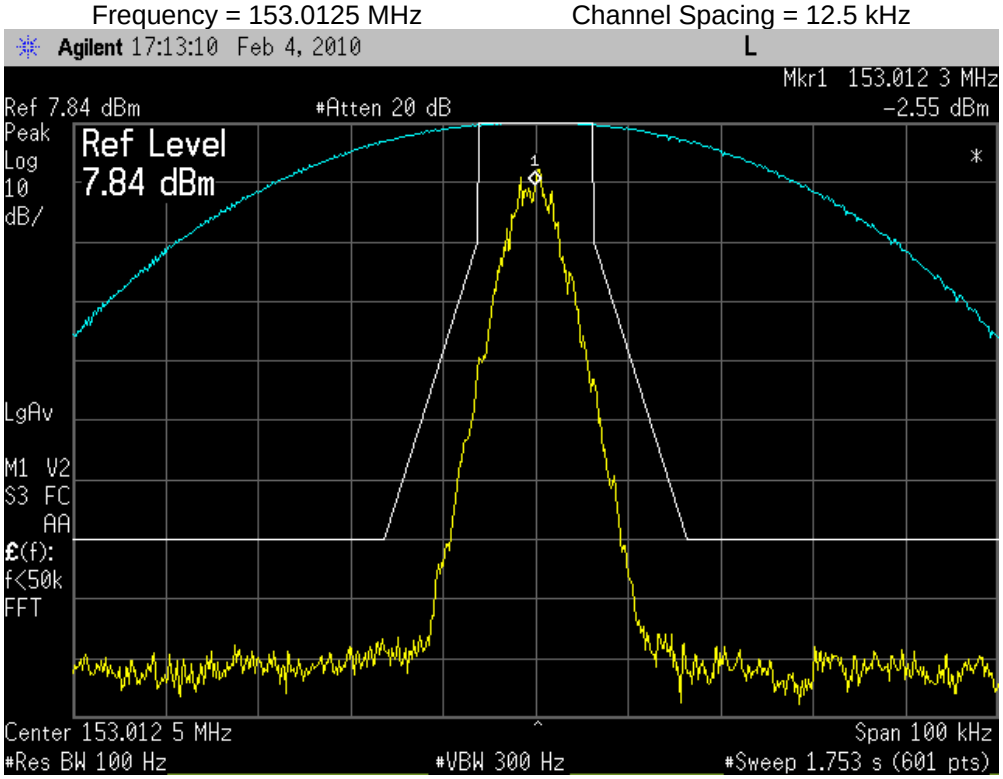


Exhibit 6E-10

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)

Frequency = 485.075 MHz Channel Spacing = 20 kHz

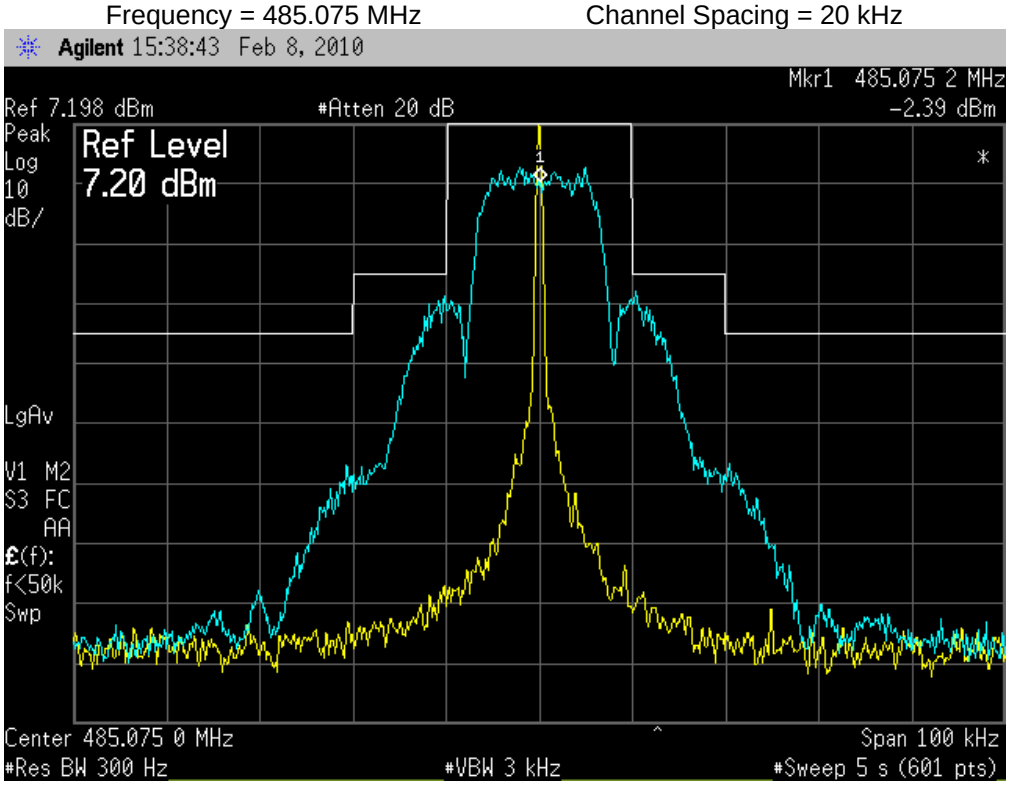


Exhibit 6E-11

Occupied Bandwidth (Digital Voice Encryption: 20K0F1E)

Frequency = 153.0125 MHz Channel Spacing = 20 kHz

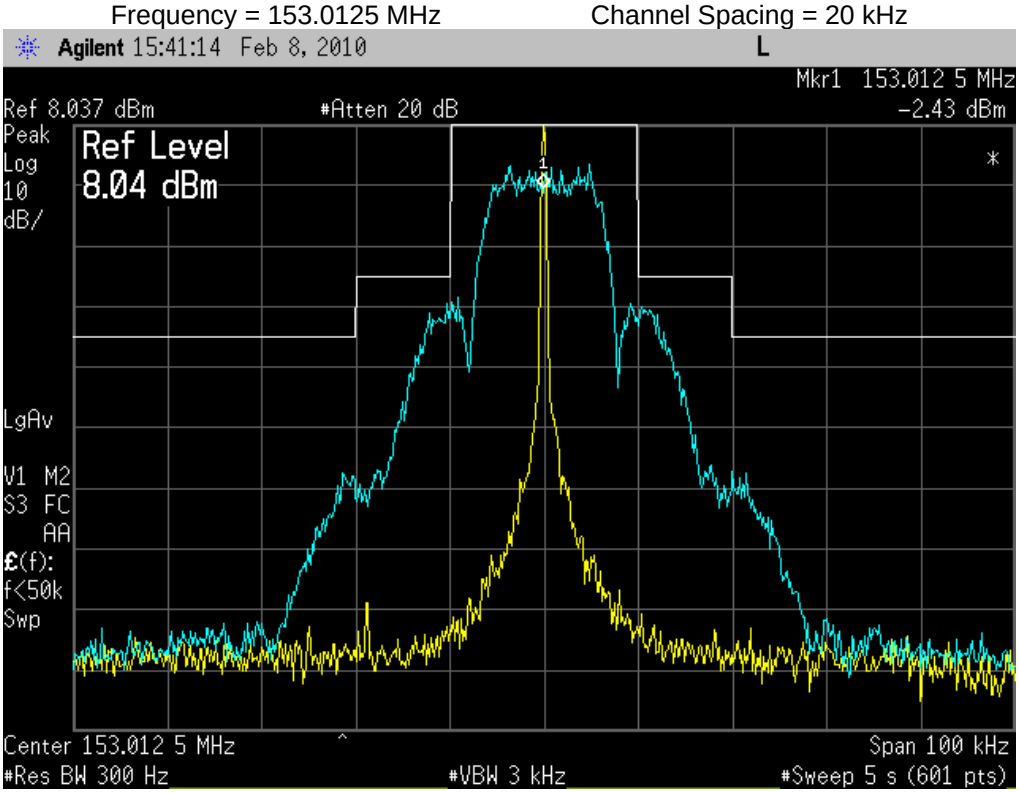


Exhibit 6E-12

EXHIBIT 6F

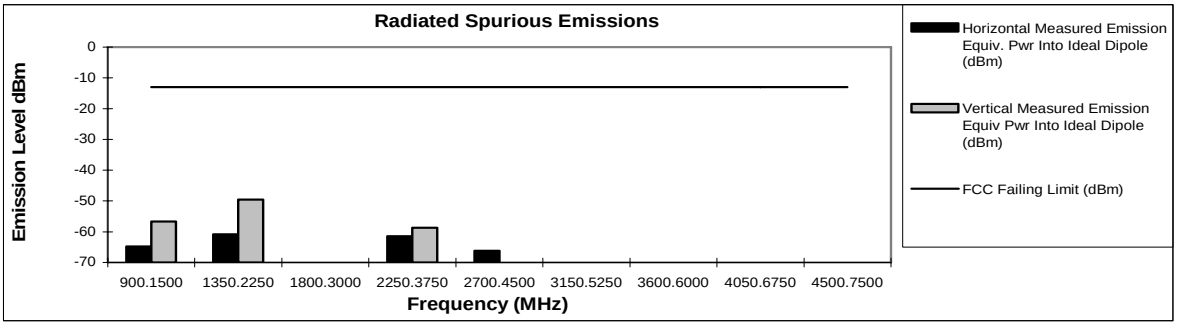
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1053 and 2.1033(c)(13)

Motorola Inc. **FCC ID:AZ489FT4893**

Transmit Radiated Spurious Emissions: APX 7000

450.075 MHz **Channel Spacing 25kHz | S/N Q0NLT01S**

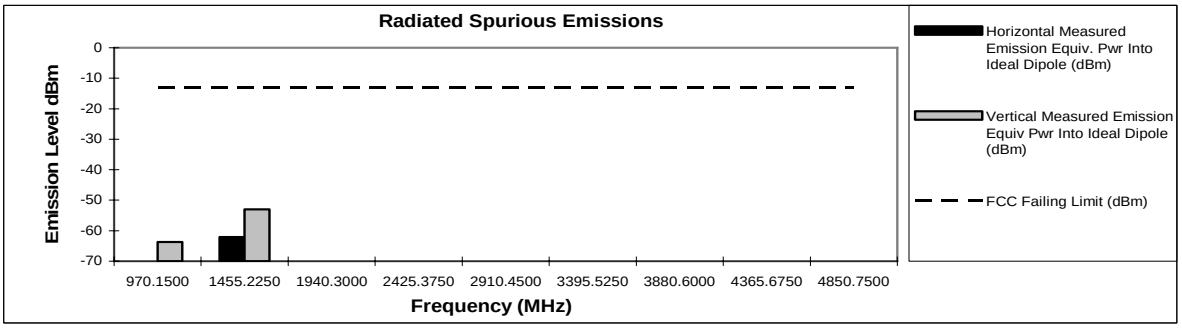
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.1500	-13	-64.84	-56.71
1350.2250	-13	-60.86	-49.48
1800.3000	-13	*	*
2250.3750	-13	-61.42	-58.67
2700.4500	-13	-66.24	*
3150.5250	-13	*	*
3600.6000	-13	*	*
4050.6750	-13	*	*
4500.7500	-13	*	*



Transmit Radiated Spurious Emissions: APX 7000

485.075 MHz **Channel Spacing 25kHz | S/N Q0NLT01S**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
970.1500	-13	-70.06	-63.69
1455.2250	-13	-62.07	-52.97
1940.3000	-13	*	*
2425.3750	-13	*	*
2910.4500	-13	*	*
3395.5250	-13	*	*
3880.6000	-13	*	*
4365.6750	-13	*	*
4850.7500	-13	*	*



* 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 Plantation EMC Lab – Test Performed by: Curt Mc Lennan **February 15, 2010**

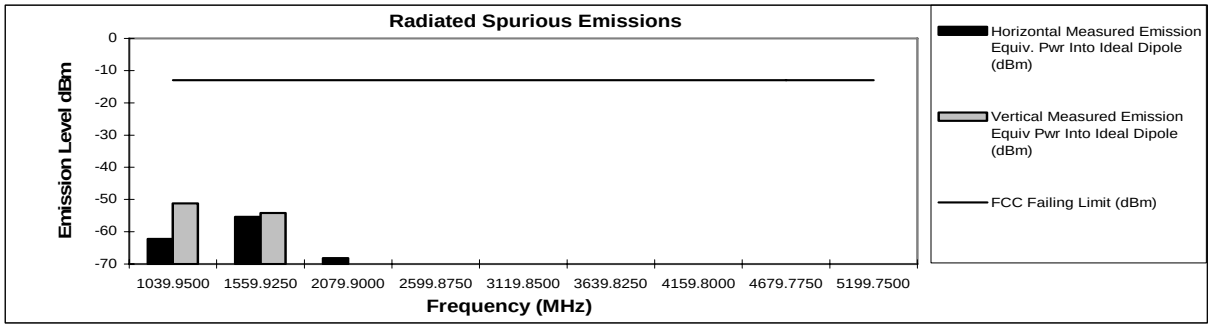
Exhibit 6F-1

Motorola Inc. **FCC ID:AZ489FT4893**

Transmit Radiated Spurious Emissions: APX 7000

519.975 MHz **Channel Spacing 25kHz | S/N Q0NLT01S**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9500	-13	-62.20	-51.20
1559.9250	-13	-55.37	-54.22
2079.9000	-13	-68.21	*
2599.8750	-13	*	*
3119.8500	-13	*	*
3639.8250	-13	*	*
4159.8000	-13	*	*
4679.7750	-13	*	*
5199.7500	-13	*	*



* 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 Plantation EMC Lab – Test Performed by: Curt Mc Lennan **February 15, 2010**
FCC Registration: 91932 / Industry Canada: IC109U-1

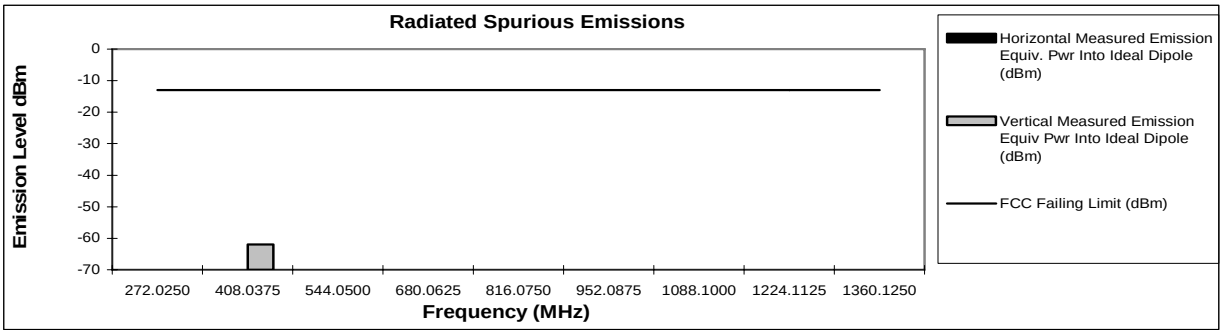
Motorola Inc. **FCC ID:AZ489FT4893**

Transmit Radiated Spurious Emissions: APX 7000

Tx Power: 6.6 Watts

136.0125 MHz **Channel Spacing 25kHz | S/N Q0NLT01S**

Frequency (MHz)	FCC Failing 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	-80.16	-62.00
544.0500	-13	*	*
680.0625	-13	*	*
816.0750	-13	*	*
952.0875	-13	*	*
1088.1000	-13	*	*
1224.1125	-13	*	-70.48
1360.1250	-13	*	*

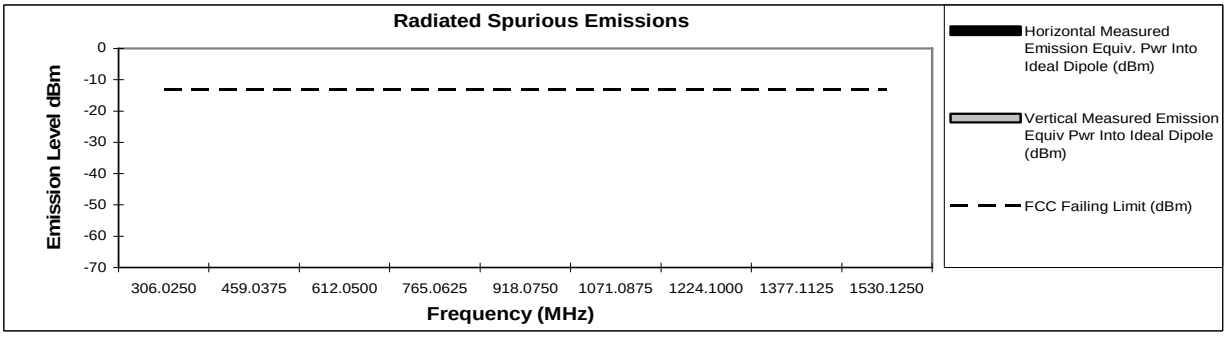


Transmit Radiated Spurious Emissions: APX 7000

Tx Power: 6.6 Watts

153.0125 MHz **Channel Spacing 25kHz | S/N Q0NLT01S**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
306.0250	-13	*	*
459.0375	-13	-75.12	*
612.0500	-13	*	*
765.0625	-13	*	*
918.0750	-13	*	*
1071.0875	-13	*	*
1224.1000	-13	*	*
1377.1125	-13	*	*
1530.1250	-13	*	*



* 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 Plantation EMC Lab – Test Performed by: Curt Mc Lennan **February 8, 2010**
FCC Registration: 91932 / Industry Canada: IC109U-1

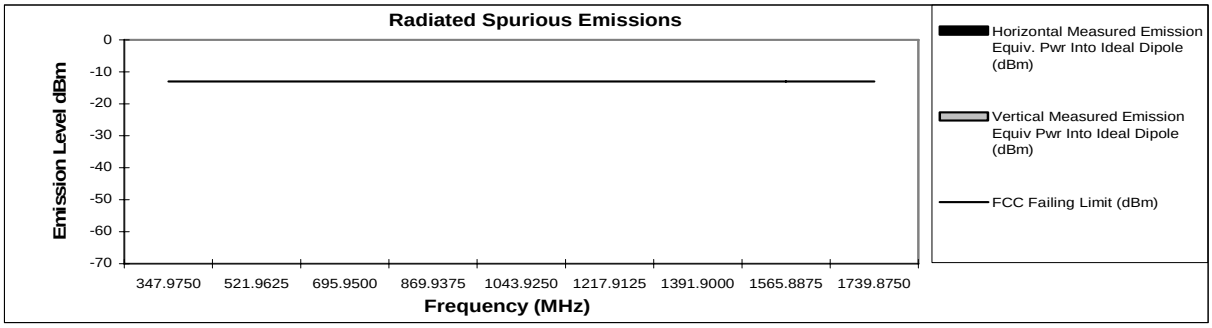
Motorola Inc. **FCC ID:AZ489FT4893**

Transmit Radiated Spurious Emissions: APX 7000

Tx Power: 6.6 Watts

173.9875 MHz **Channel Spacing 25kHz | S/N Q0NLT01S**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
347.9750	-13	*	-72.12
521.9625	-13	*	*
695.9500	-13	*	*
869.9375	-13	*	*
1043.9250	-13	*	*
1217.9125	-13	*	*
1391.9000	-13	*	*
1565.8875	-13	*	*
1739.8750	-13	*	*



* 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 Plantation EMC Lab – Test Performed by: Curt Mc Lennan **February 8, 2010**
FCC Registration: 91932 / Industry Canada: IC109U-1

Exhibit 6F-4

EXHIBIT 6G

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

Frequency Stability (485.075 MHz) vs. Supply Voltage

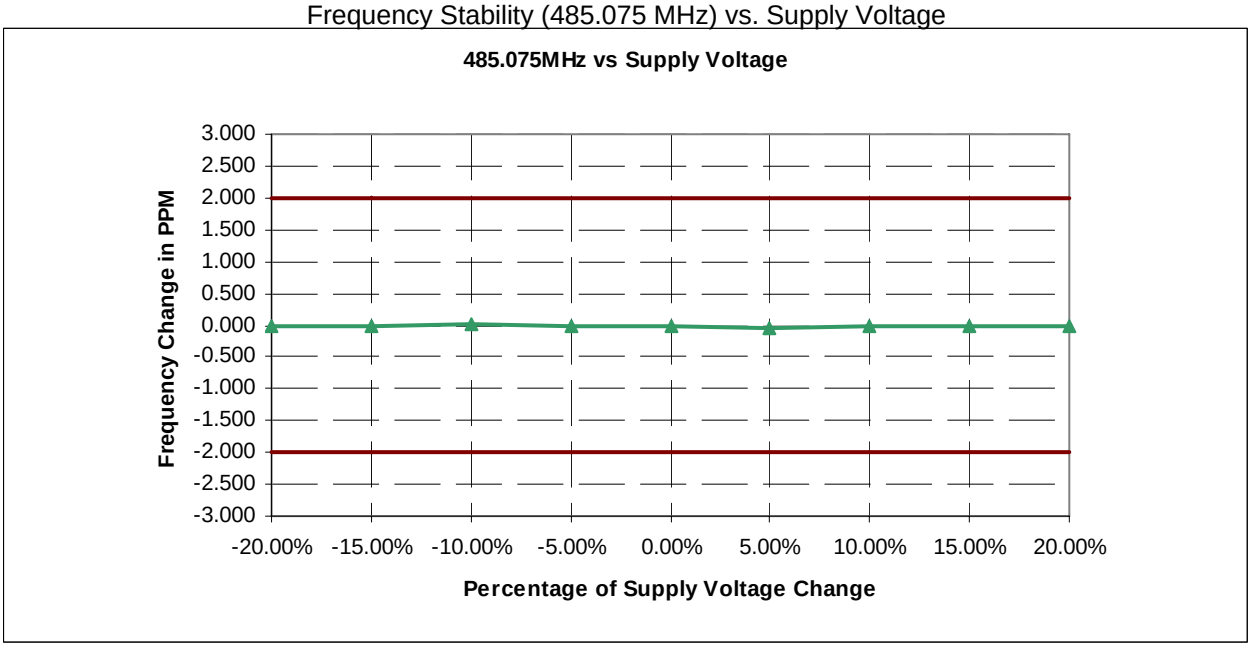


Exhibit 6G-1

Frequency Stability (153.0125 MHz) vs. Supply Voltage

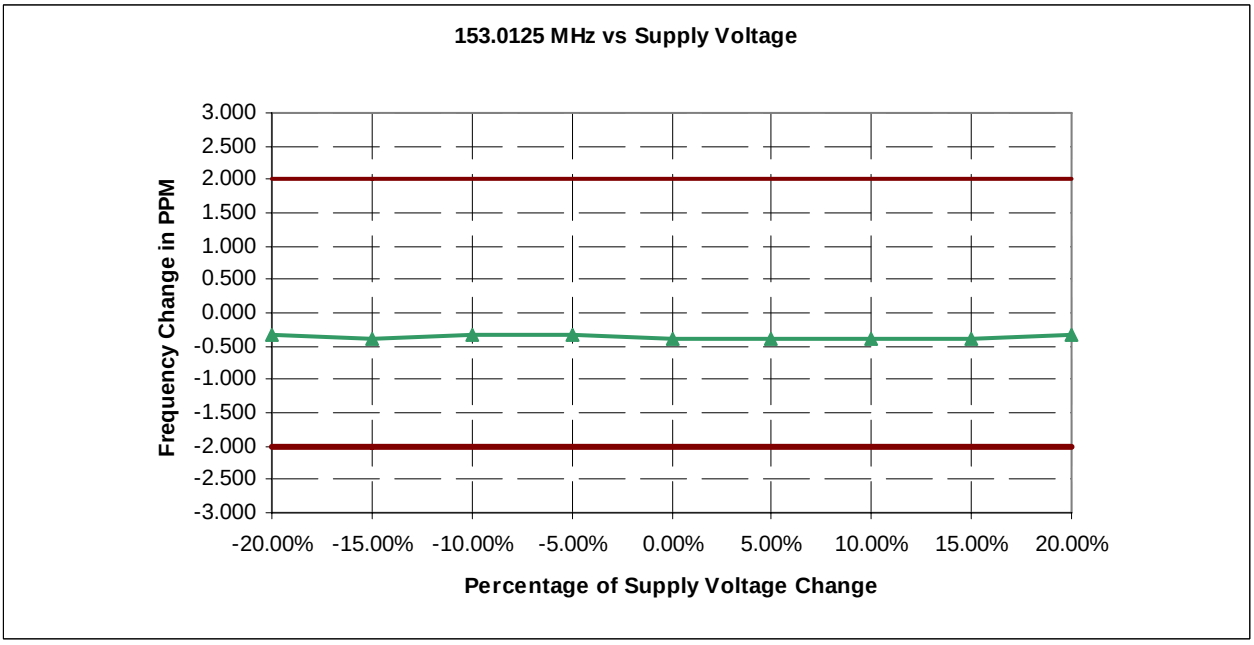


Exhibit 6G-2

Frequency Stability (485.075 Mhz) vs. Temperature

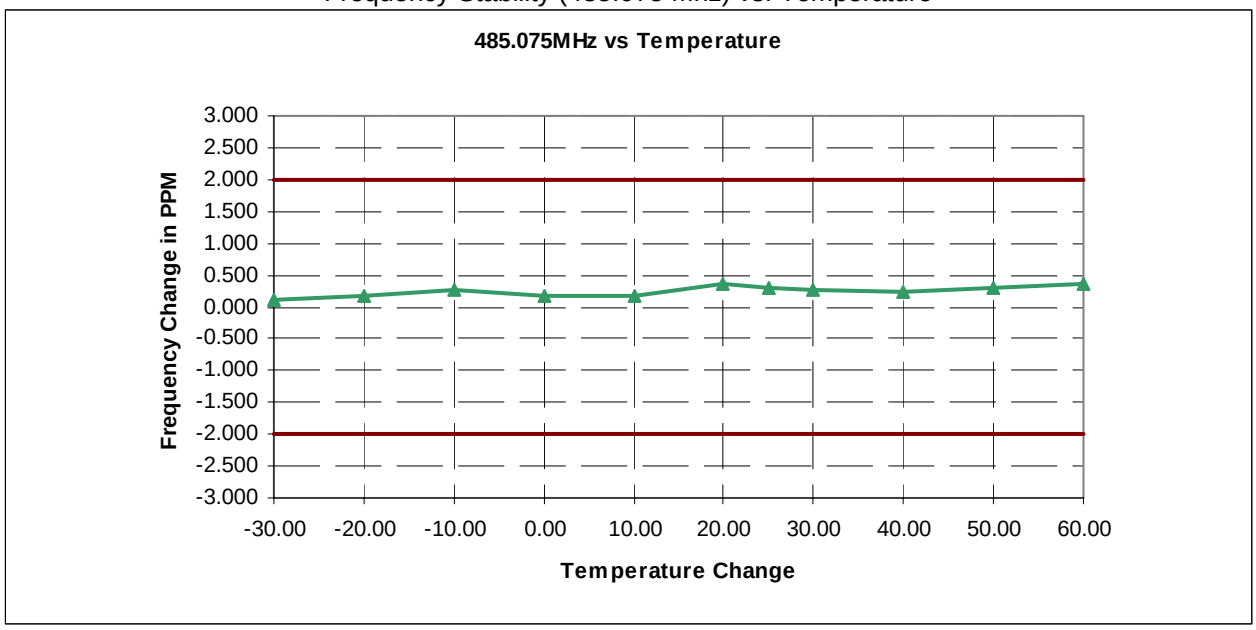


Exhibit 6G-3

Frequency Stability (153.0125 MHz) vs. Temperature

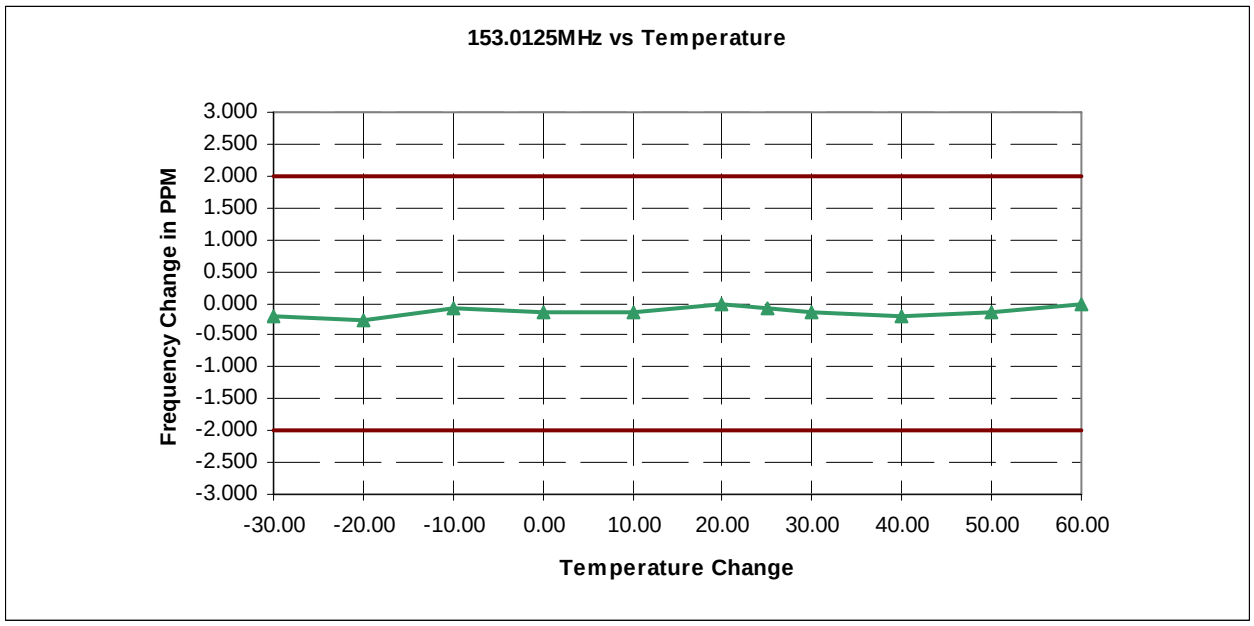


Exhibit 6G-4

EXHIBIT 6H
Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1051 and 2.1033(c) (13)
Note: Lines on graphs correspond to the FCC limit of –13dBm.
Spurs which are not shown is less than 100dB

450.075 MHz, 25KHz Channel Spacing, 5.6Watts

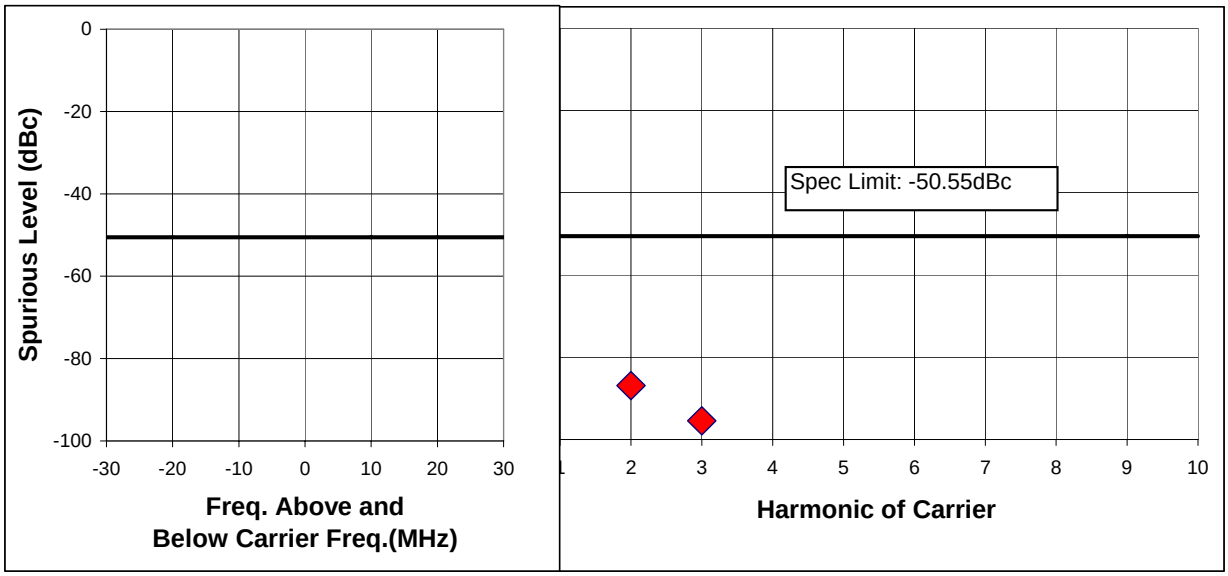


Exhibit 6H-1

485.075 MHz, 25KHz Channel Spacing, 5.6Watts

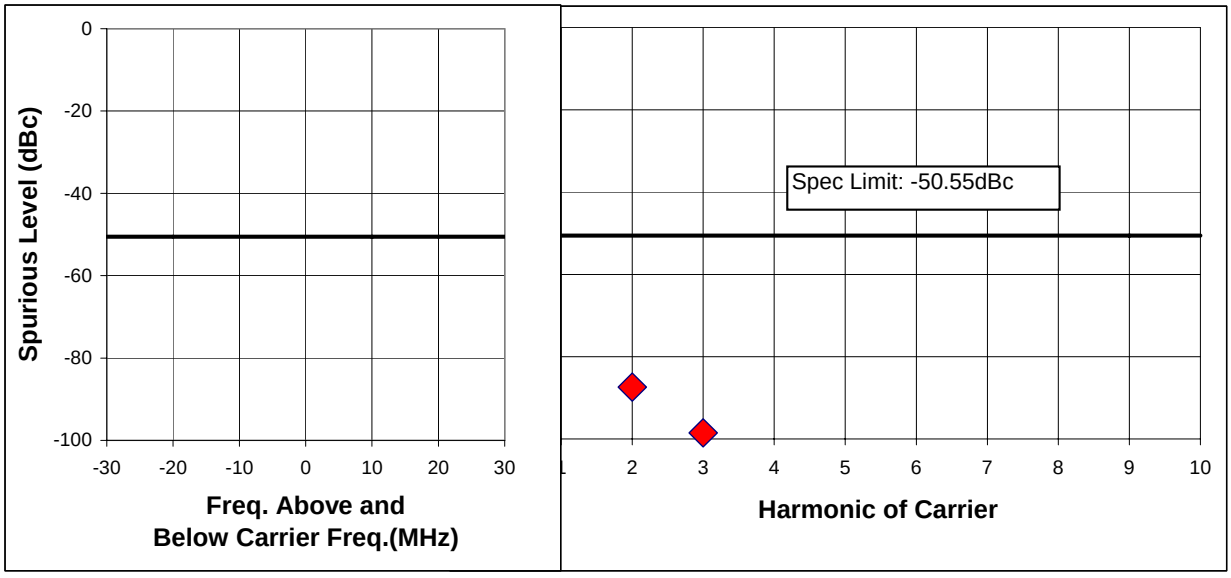


Exhibit 6H-2

519.975 MHz, 25KHz Channel Spacing, 5.6Watts

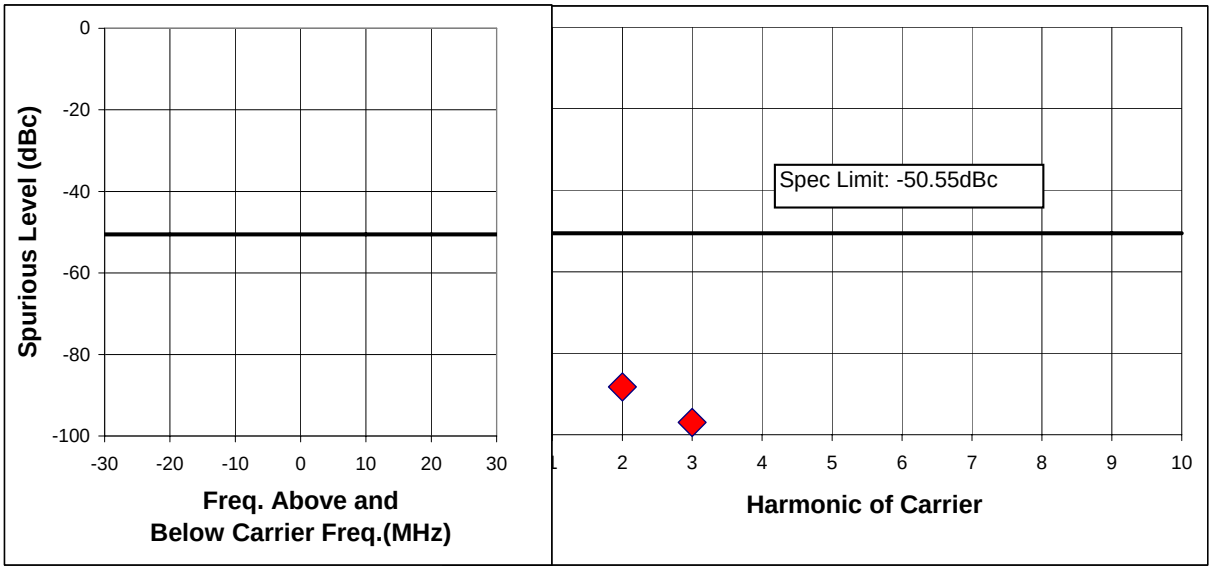


Exhibit 6H-3

136.0125 MHz, 25KHz Channel Spacing, 6.6 Watts

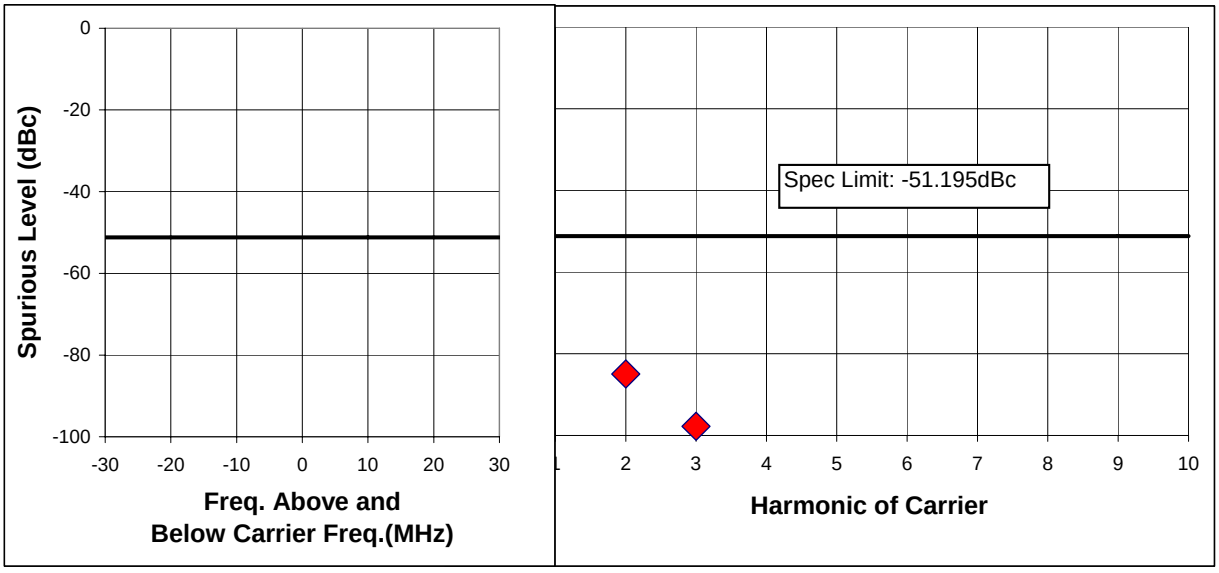


Exhibit 6H-4

153.0125 MHz, 25KHz Channel Spacing, 6.6 Watts

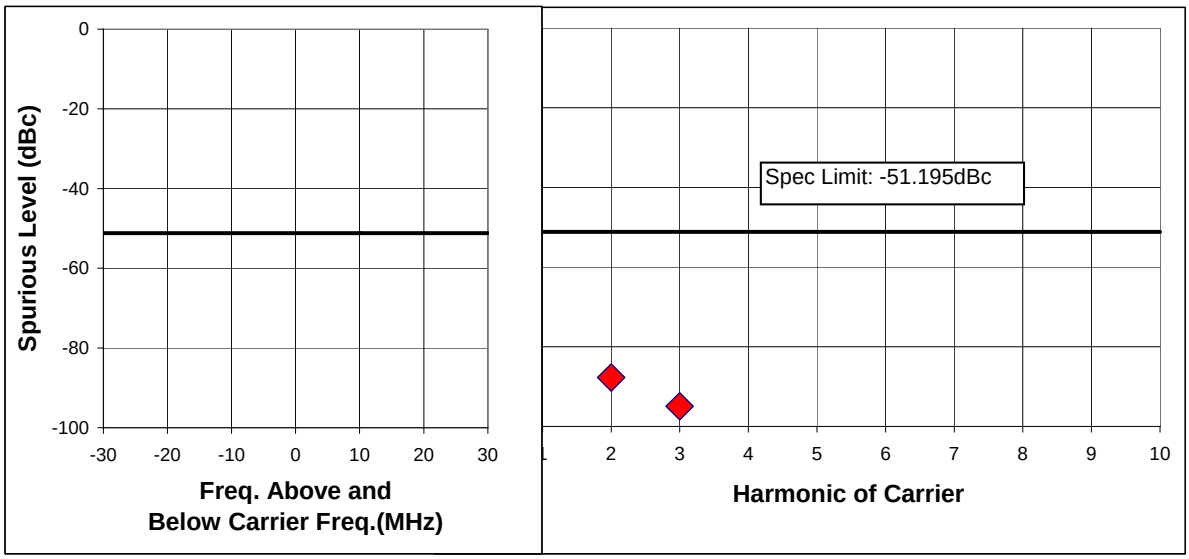


Exhibit 6H-5

173.9875 MHz, 25KHz Channel Spacing, 6.6 Watts

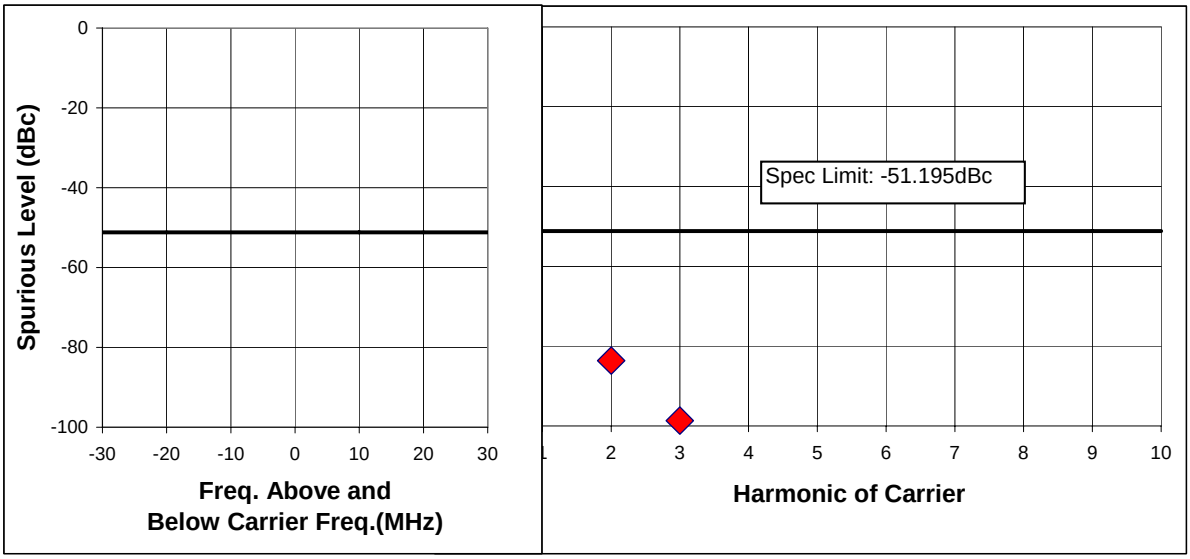
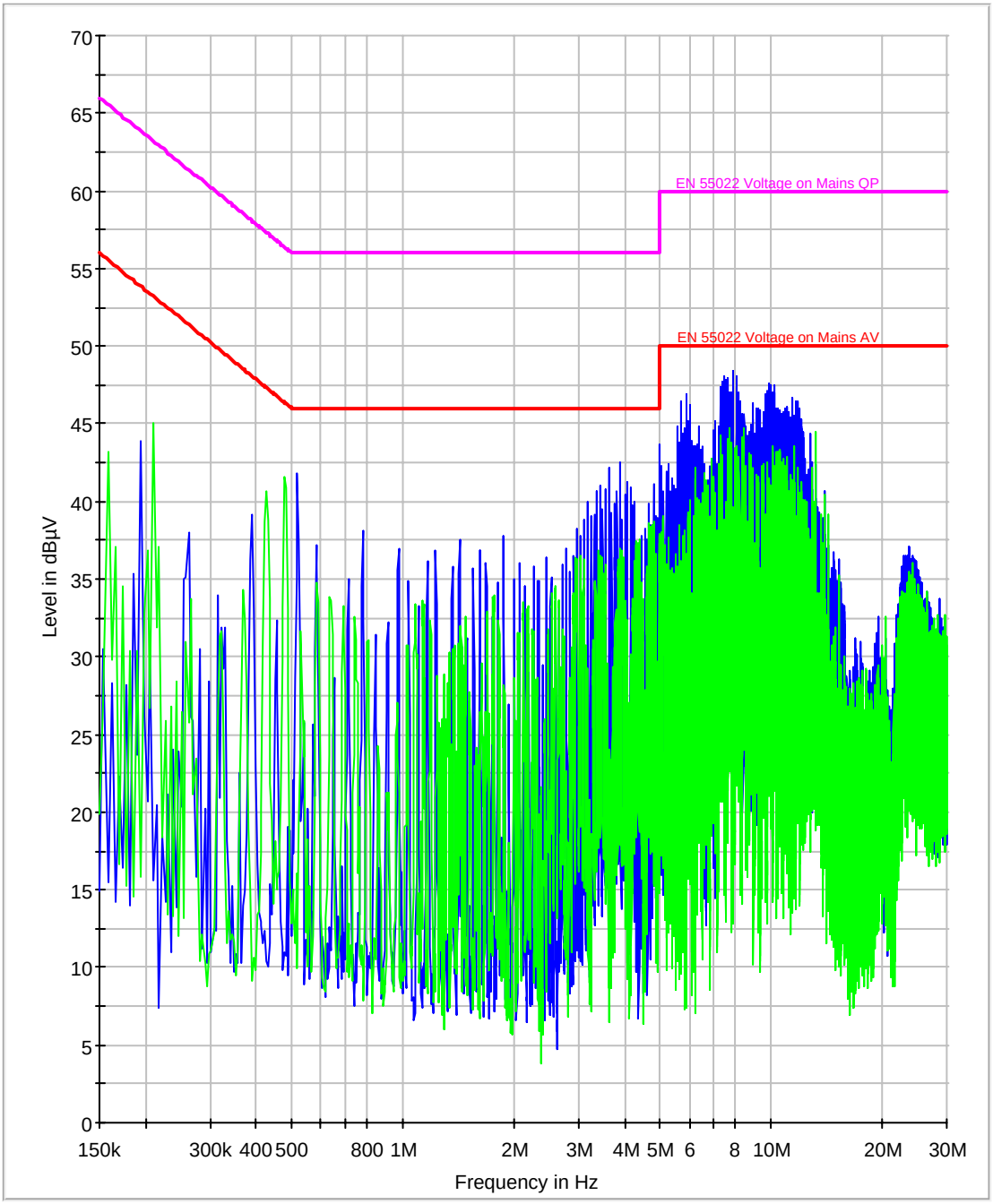


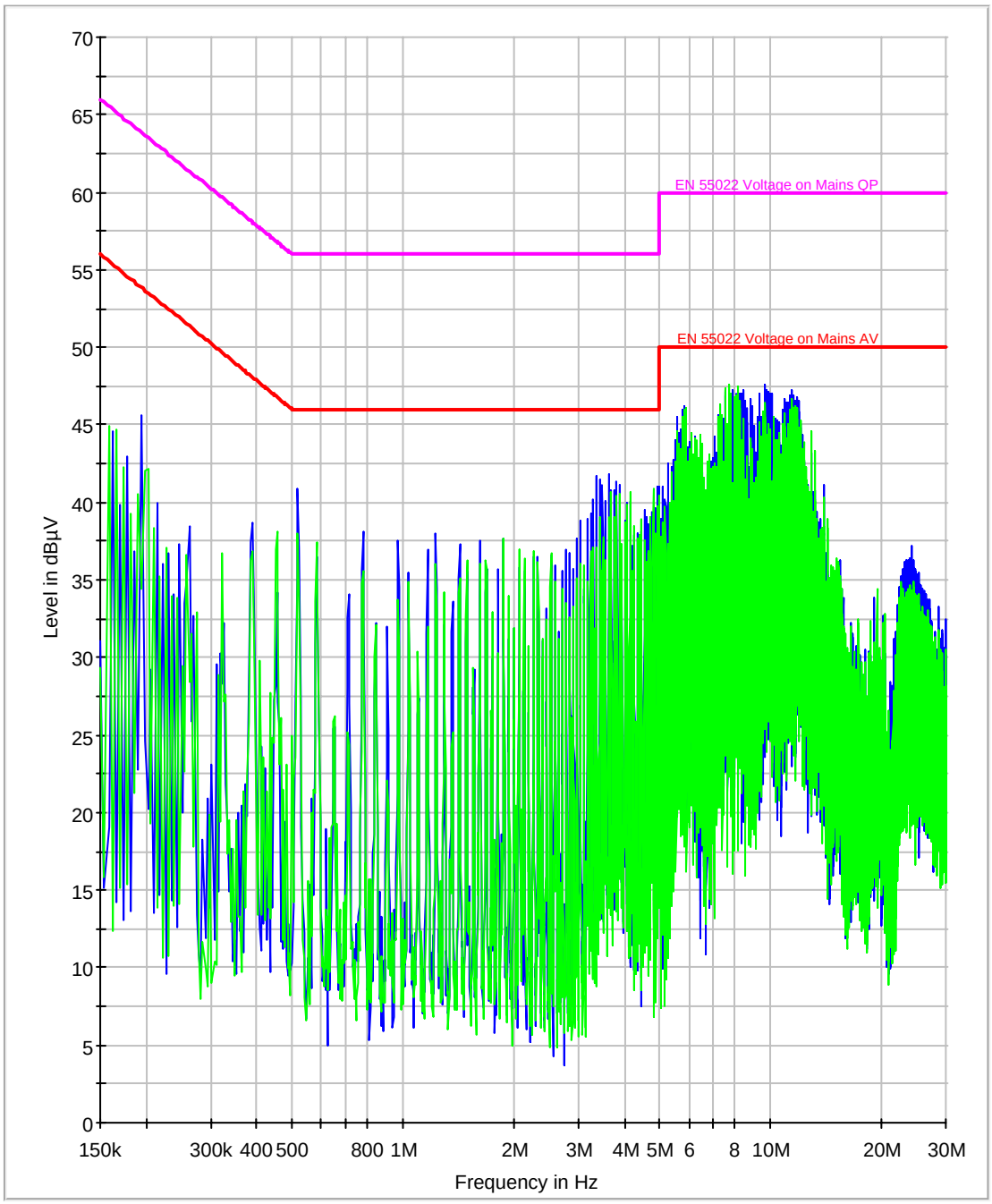
Exhibit 6H-6

EXHIBIT 6I
Power Line Conducted Spurious Emissions - Pursuant to FCC Rules Part 15.107



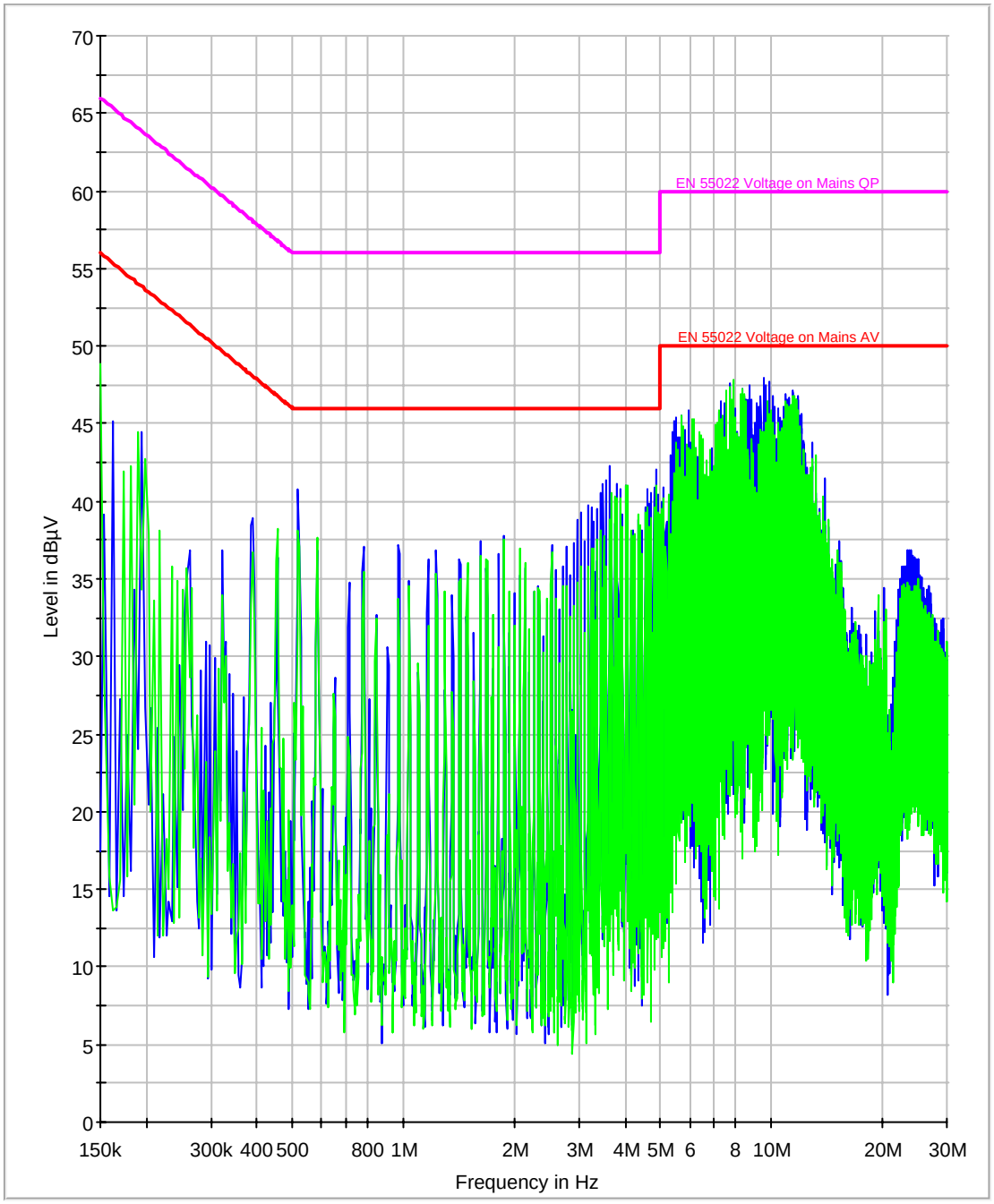
EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N – Green L1 – Blue
Radio Off

Exhibit 6I-1



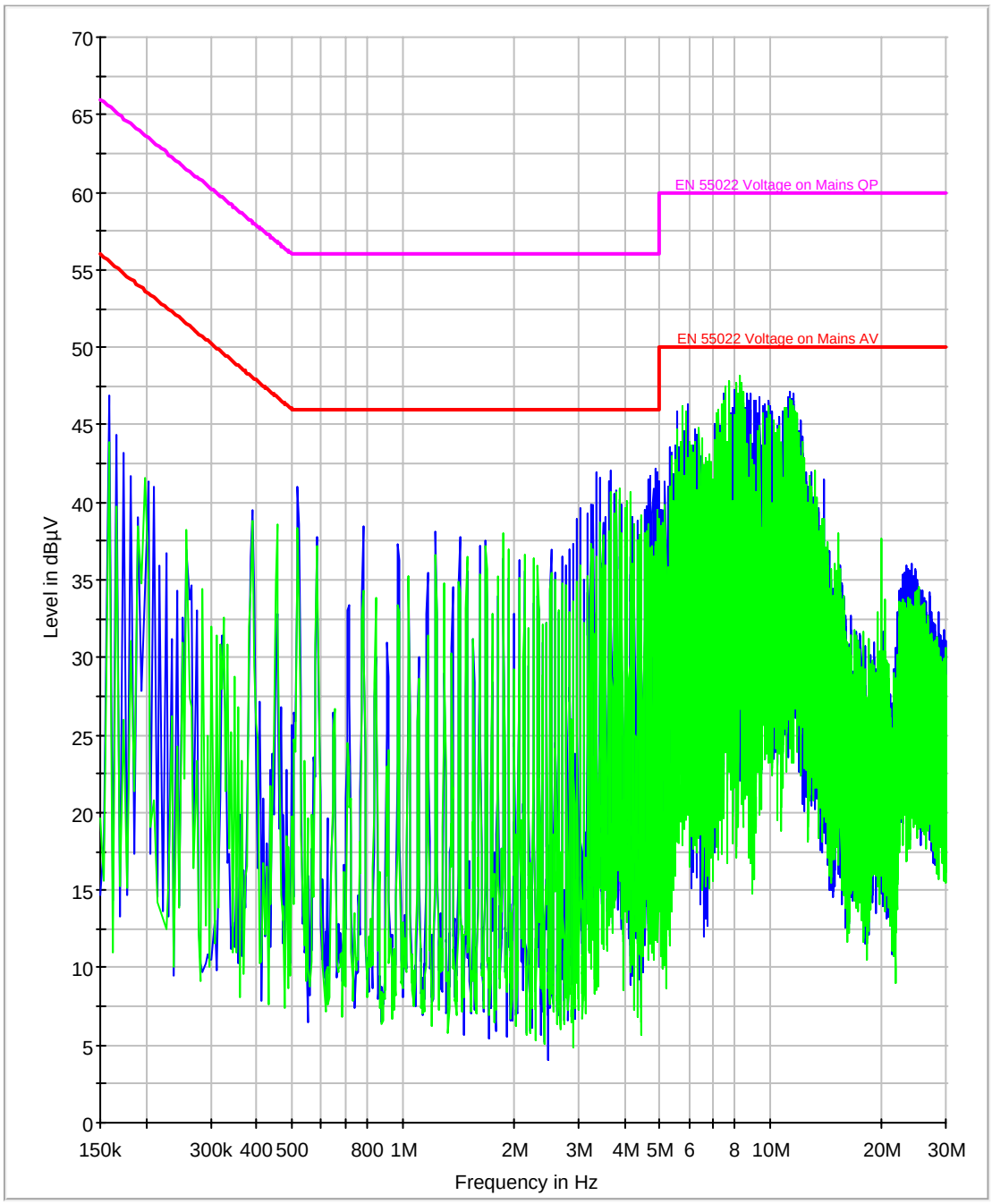
EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N – Green L1 – Blue
TX – 450.075MHz

Exhibit 6I-2



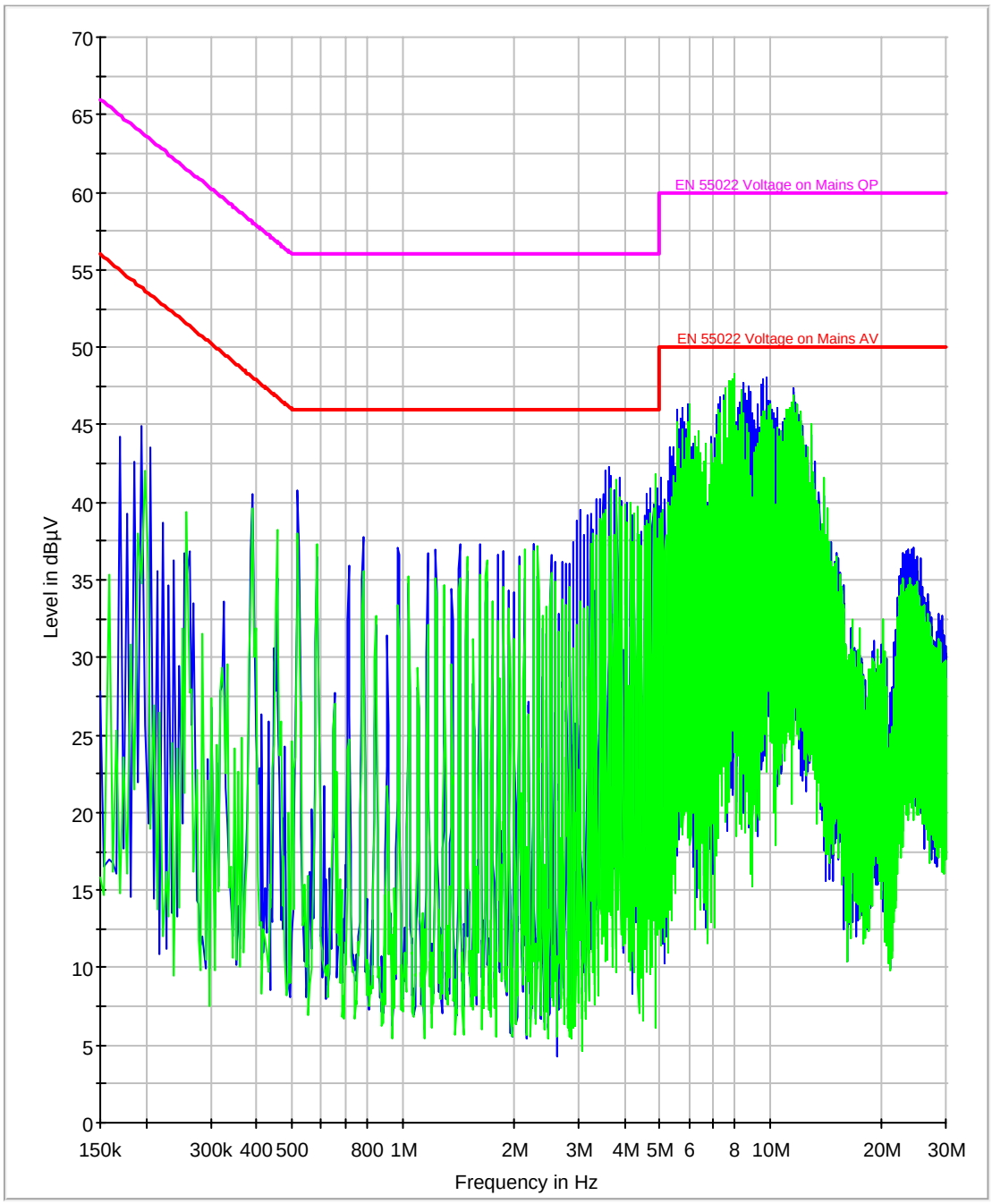
EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N – Green L1 – Blue
TX – 485.075MHz

Exhibit 6I-3



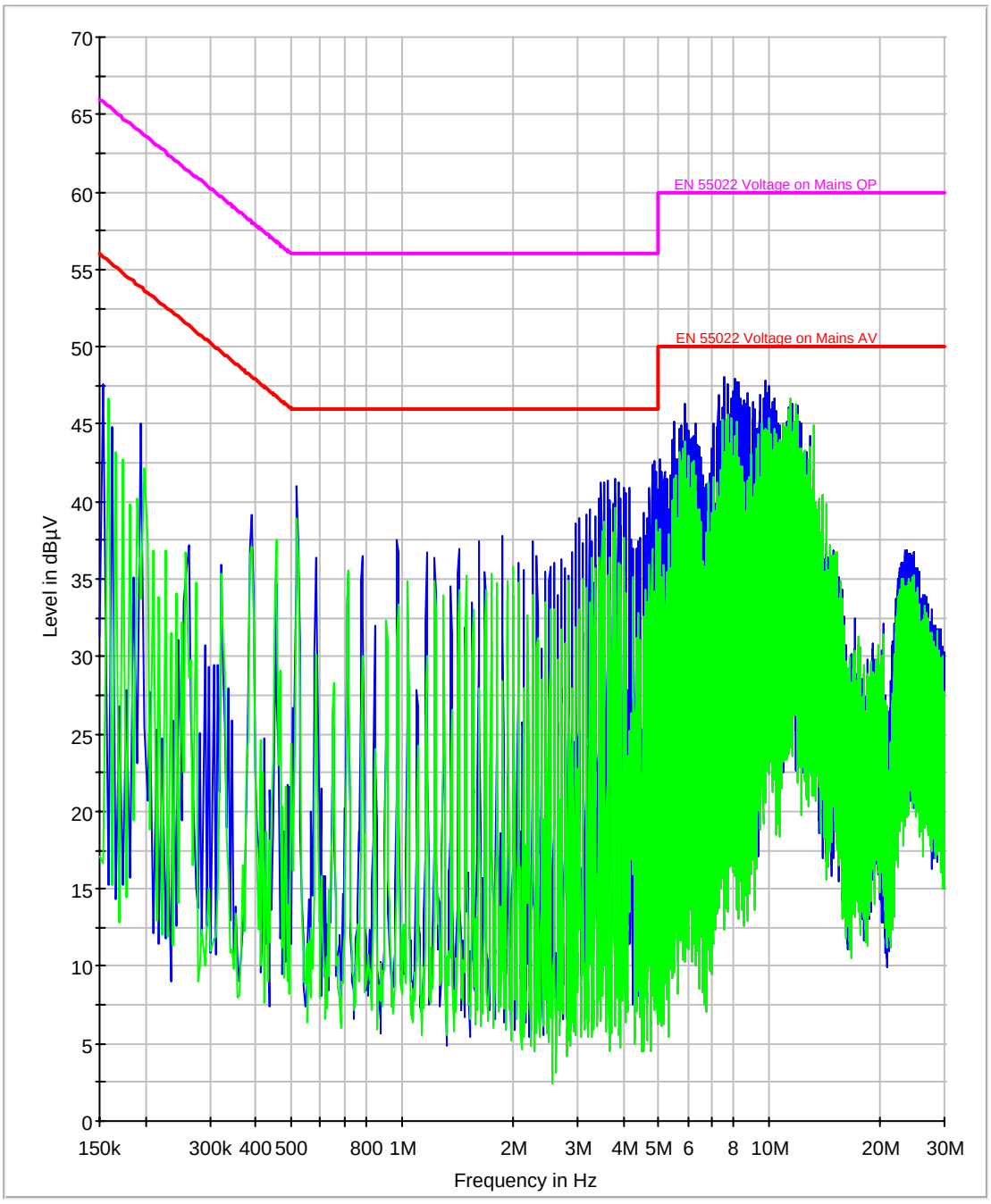
EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N – Green L1 – Blue
TX – 519.975MHz

Exhibit 6I-4



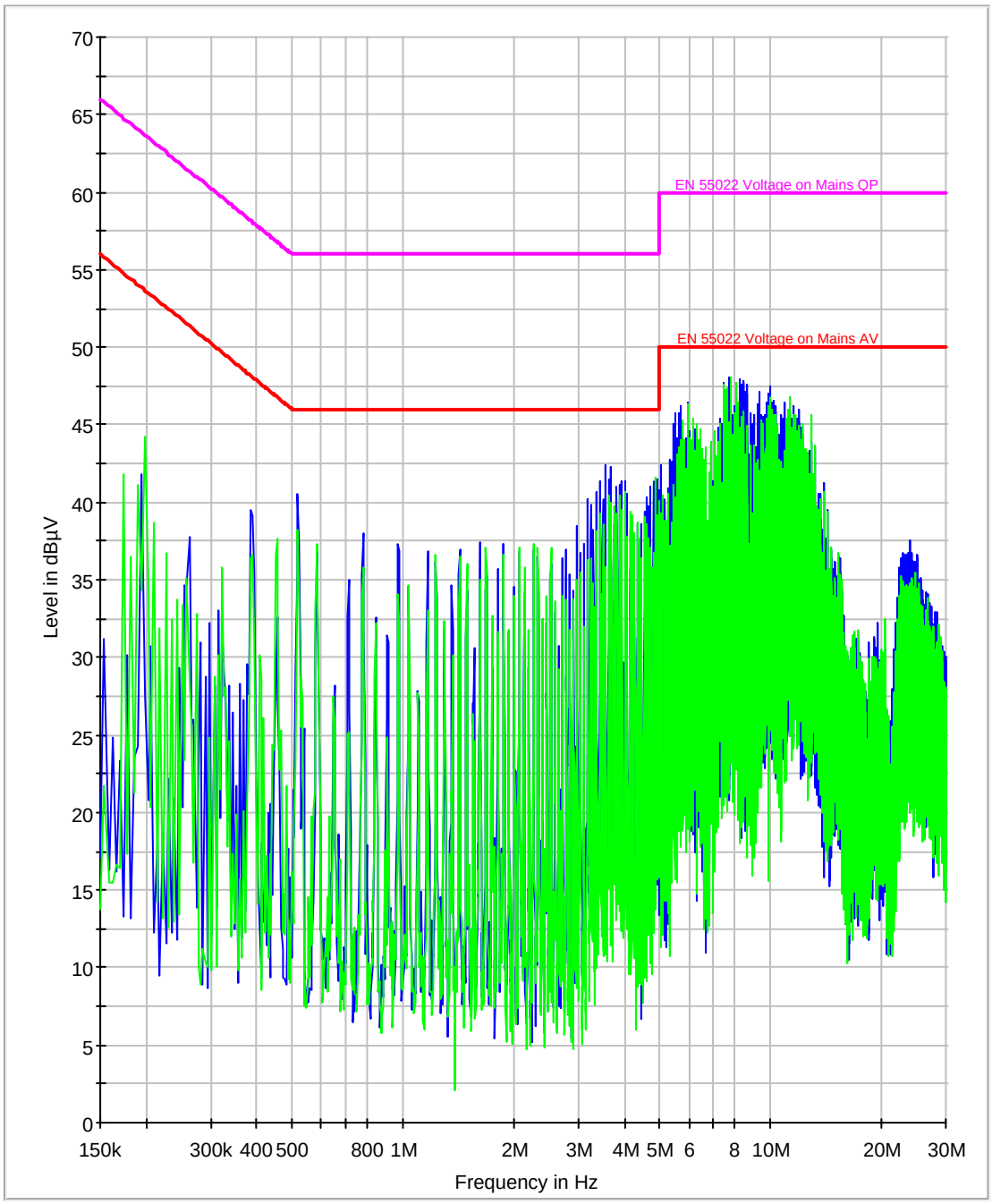
EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N – Green L1 – Blue
TX – 136.0125MHz

Exhibit 6I-5



EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N – Green L1 – Blue
TX – 153.0125MHz

Exhibit 6I-6



EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N – Green L1 – Blue
TX – 173.9875MHz

Exhibit 6I-7

EXHIBIT 6J
Transient Frequency Behavior- Pursuant 47 CFR 90.214

Transient Frequency Behavior

TX 485.075 MHz – **12.5 kHz** Channel Spacing – Transmitter **On**

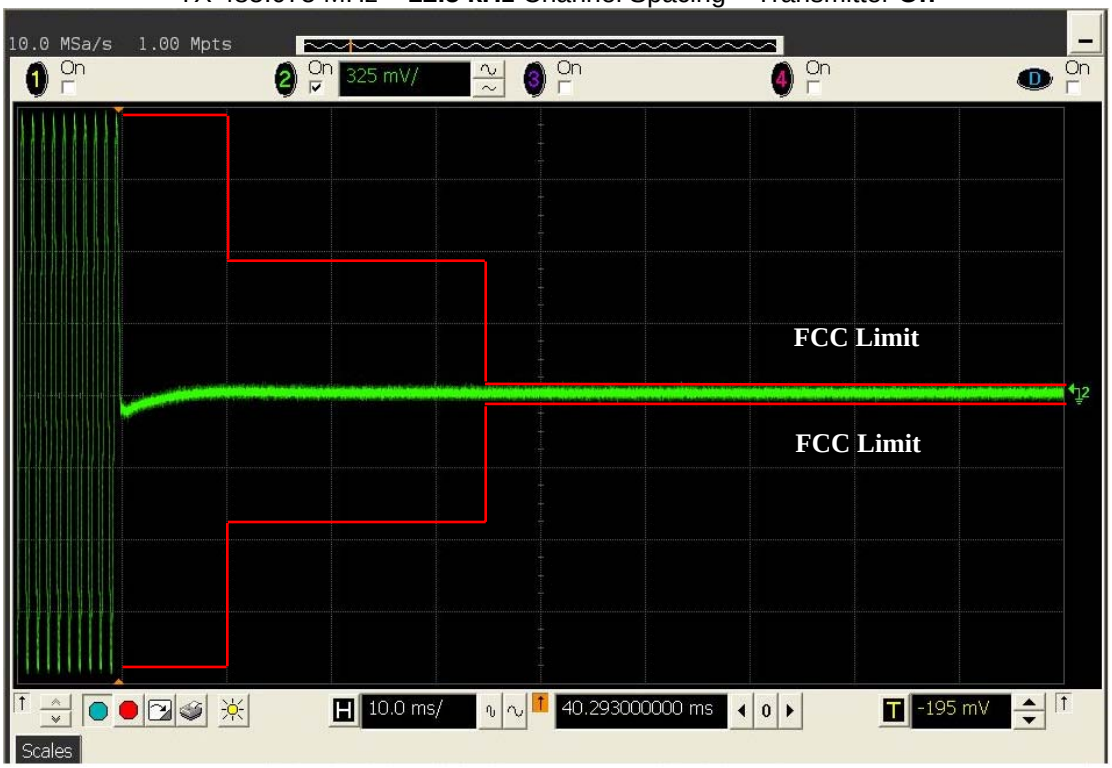


Exhibit 6J-1

TX 485.075 MHz – **12.5 kHz** Channel Spacing – Transmitter **Off**

Exhibit 6J-3

TX 153.0125 MHz – **12.5 kHz** Channel Spacing – Transmitter **ON**

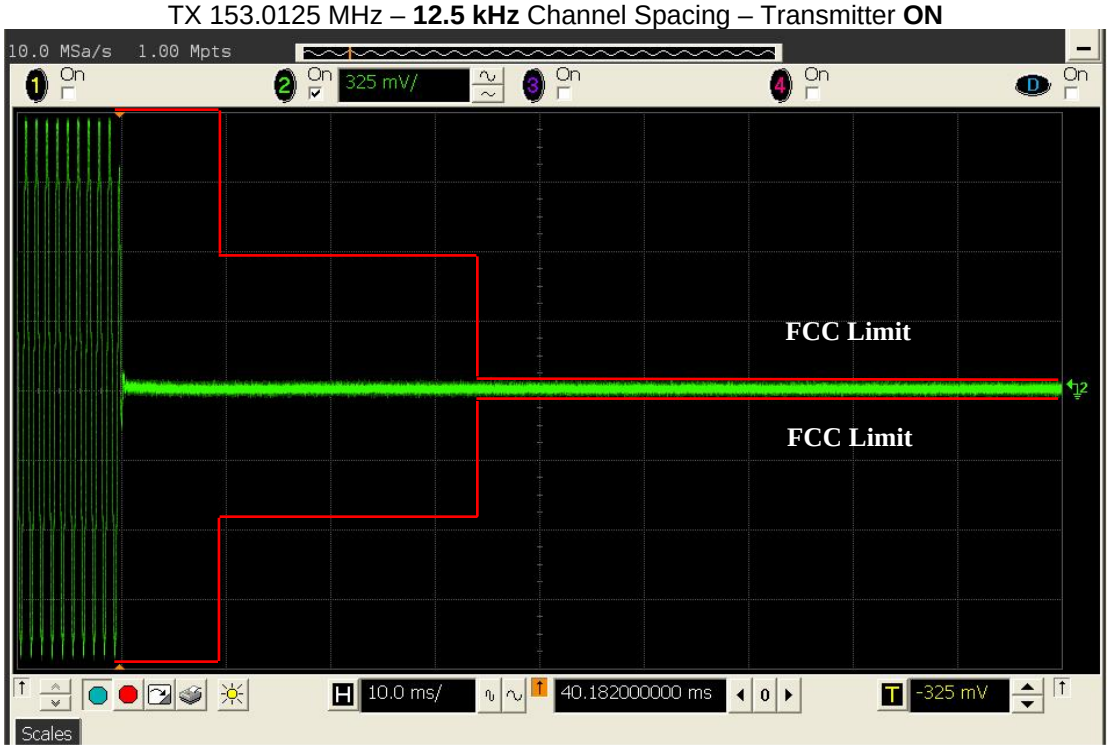


Exhibit 6J-3

TX 153.-0125 MHz – **12.5 kHz** Channel Spacing – Transmitter **OFF**

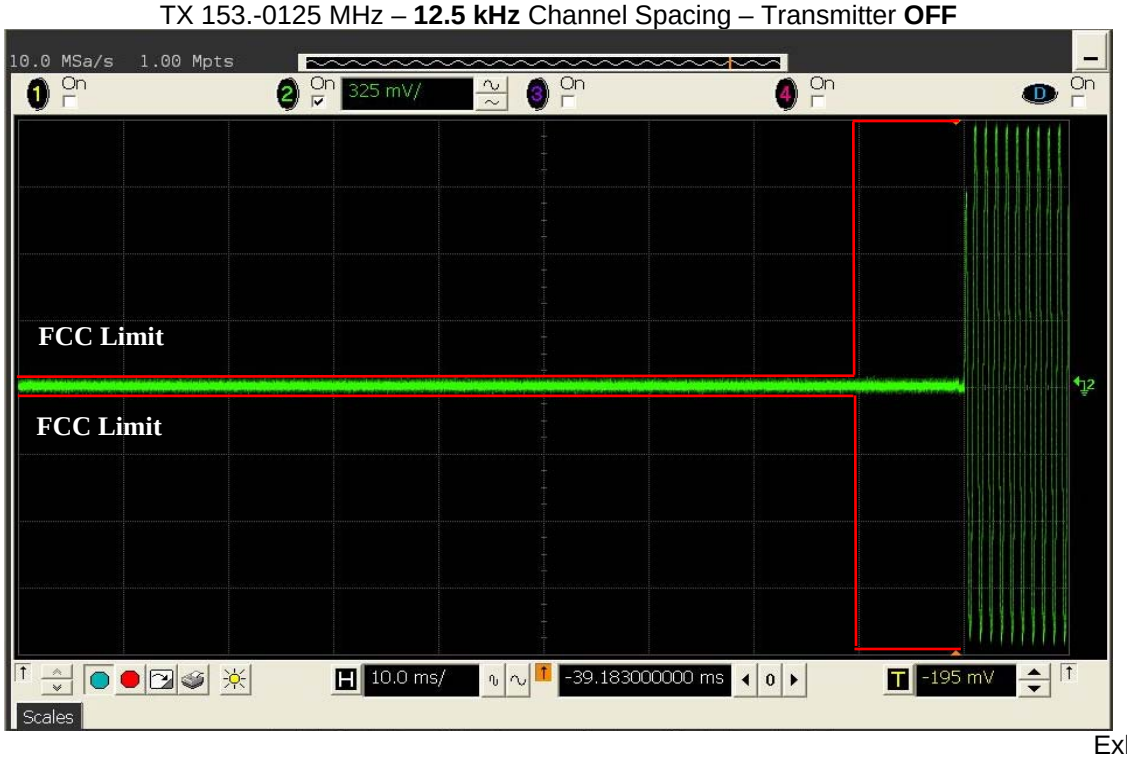


Exhibit 6J-4

TX 485.075 MHz – **25 kHz** Channel Spacing – Transmitter **On**

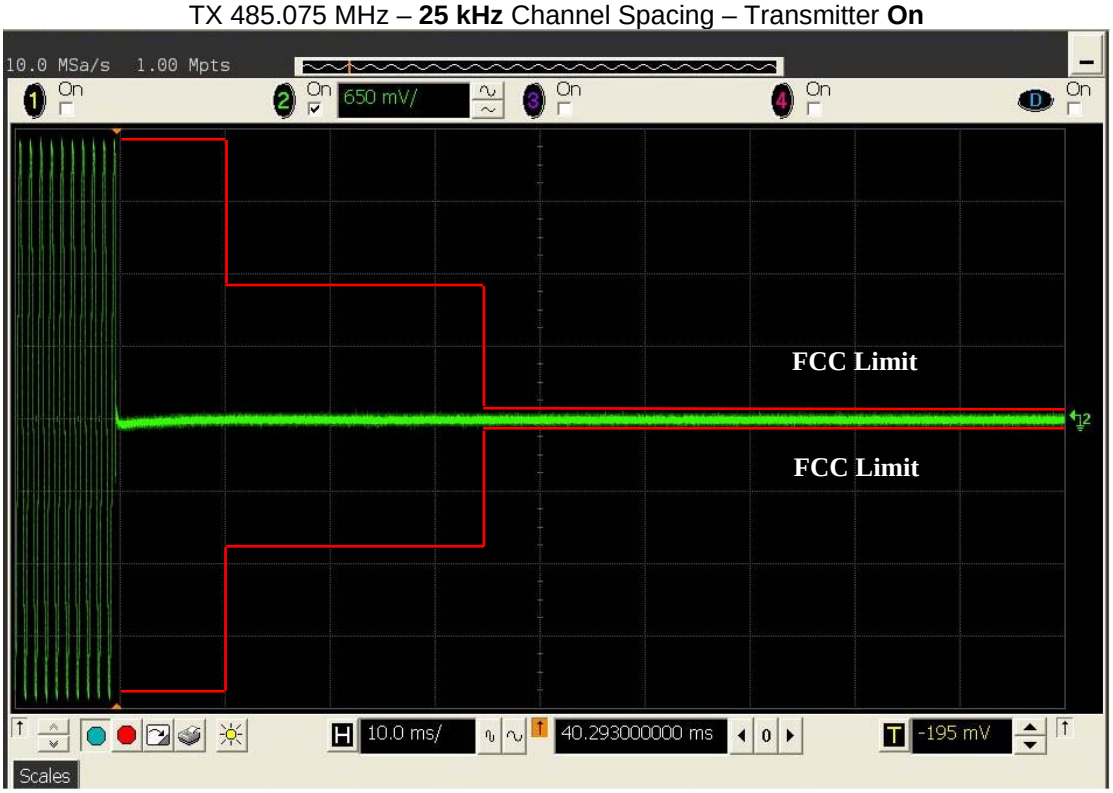


Exhibit 6J-5

TX 485.075 MHz – **25 kHz** Channel Spacing – Transmitter **Off**

Exhibit 6J-6

TX 153.0125 MHz – **25 kHz** Channel Spacing – Transmitter **On**

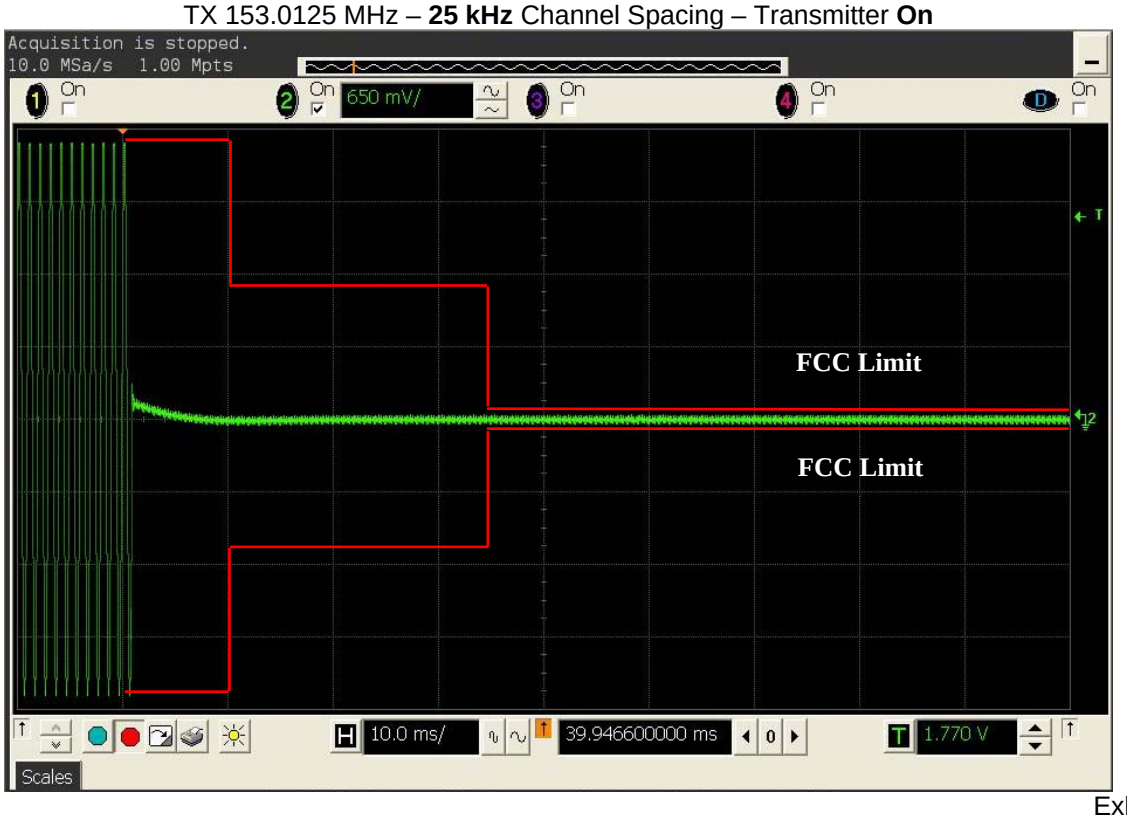


Exhibit 6J-7

TX 153.0125 MHz – **25 kHz** Channel Spacing – Transmitter **Off**

Exhibit 6J-8