EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

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EXHIBIT 6B – Transmit Audio Frequency Response
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6E-5: 429.9875 MHz, Channel Spacing: 12.5 kHz, Digital Voice: 8K10F1E Mask D
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6E-8: 450.025 MHz, Channel Spacing: 12.5 kHz, Digital Data: 8K10F1D Mask D
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EXHIBIT 6F –Transmit Radiated Spurious Emissions
6F-1 - 5.7 W, 380.0125 MHz, 12.5 kHz Channel Spacing (Not for FCC Review)
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6G-1 - 5.7 W, 380.0125 MHz, 12.5 kHz Channel Spacing (Not for FCC Review)
6G-2 - 5.7 W, 406.1125 MHz, 12.5 kHz Channel Spacing
6G-3 - 5.7 W, 429.9875 MHz, 12.5 kHz Channel Spacing
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EXHIBIT 6H – Frequency Stability (Volt/Temp)
6H-1 – 429.9875 MHz vs. Supply Voltage
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EXHIBIT 6I – Transient Frequency Behavior

6I-1 - 429.9875 MHz, 12.5 kHz Channel Spacing – Transmitter On
6I-2 - 429.9875 MHz, 12.5 kHz Channel Spacing – Transmitter Off
6I-3 - 429.9875 MHz, 25 kHz Channel Spacing – Transmitter On (Not for FCC Review)
6I-4 - 429.9875 MHz, 25 kHz Channel Spacing – Transmitter Off (Not for FCC Review)

** Please note that the above data were taken following the procedures and limits outlined in TIA 603-D, TIA 102-CAAA-C and RSS 119 during the month of February 2014. See Table 2 in Ex07_test procedures

Radio model tested: H84QDH9PW7AN (MUE4386)

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

EXHIBIT 6A

RF Conducted Output Power:

Frequency= 380.0125 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.96 Amps
Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.92 Amps

Frequency= 406.1125 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.90 Amps
Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.80 Amps

Frequency= 429.9875 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.90 Amps
Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.86 Amps

Frequency= 450.0250 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.92 Amps
Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.89 Amps

Frequency = 469.9875 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.94 Amps

Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.97 Amps

Frequency = 459.1250 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.92 Amps

Output RF power	5.70 Watts
DC Voltage	7.50 Volts
DC Current	1.91 Amps

EXHIBIT 6B

Transmit Audio Frequency Response

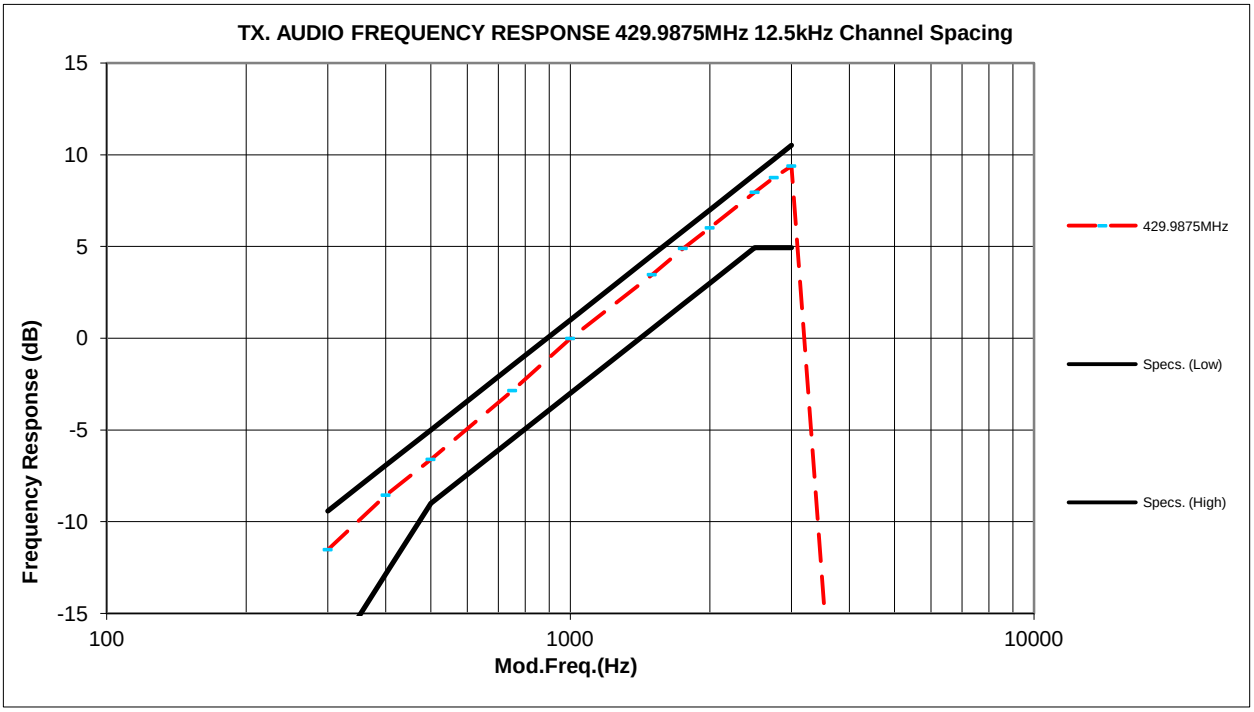

Figure 6B-1: 12.5 kHz Channel Spacing, 429.9875 MHz, Transmit Audio Frequency Response

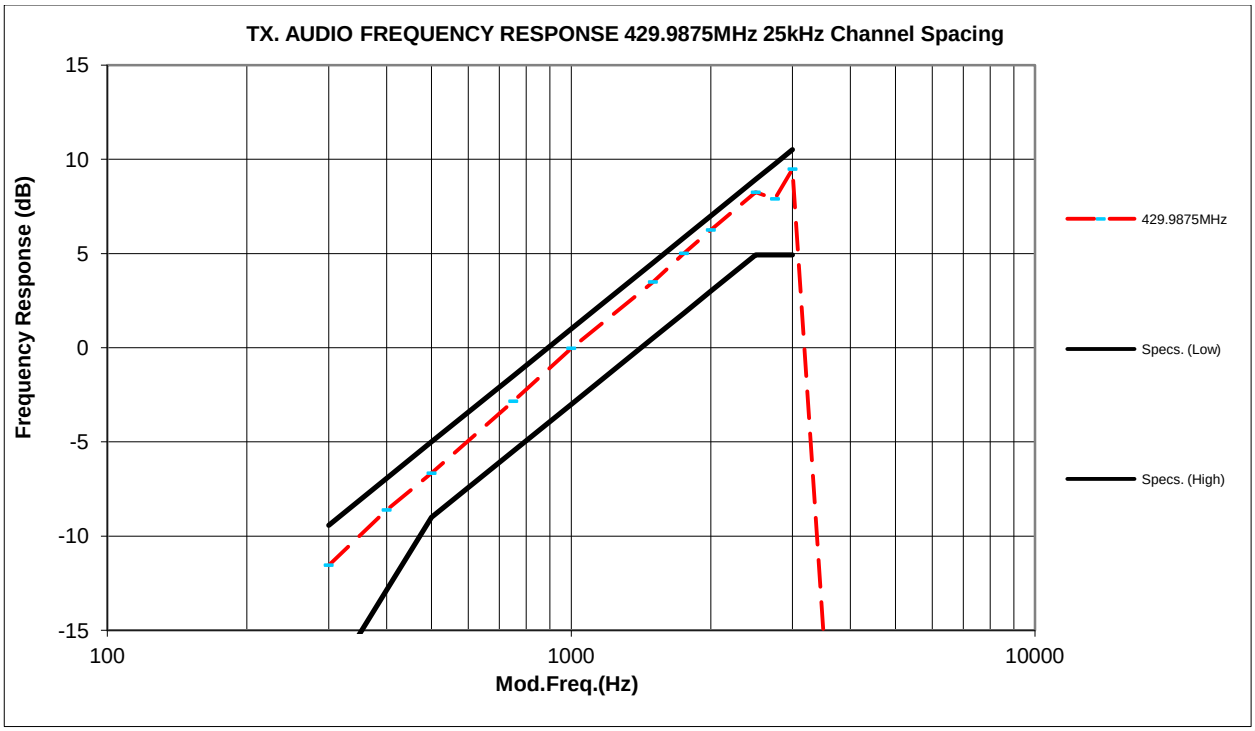

Figure 6B-2: 25 kHz Channel Spacing, 429.9875 MHz, Transmit Audio Frequency Response (Not for FCC review)

EXHIBIT 6C

Transmit Audio Low Pass Filter Response

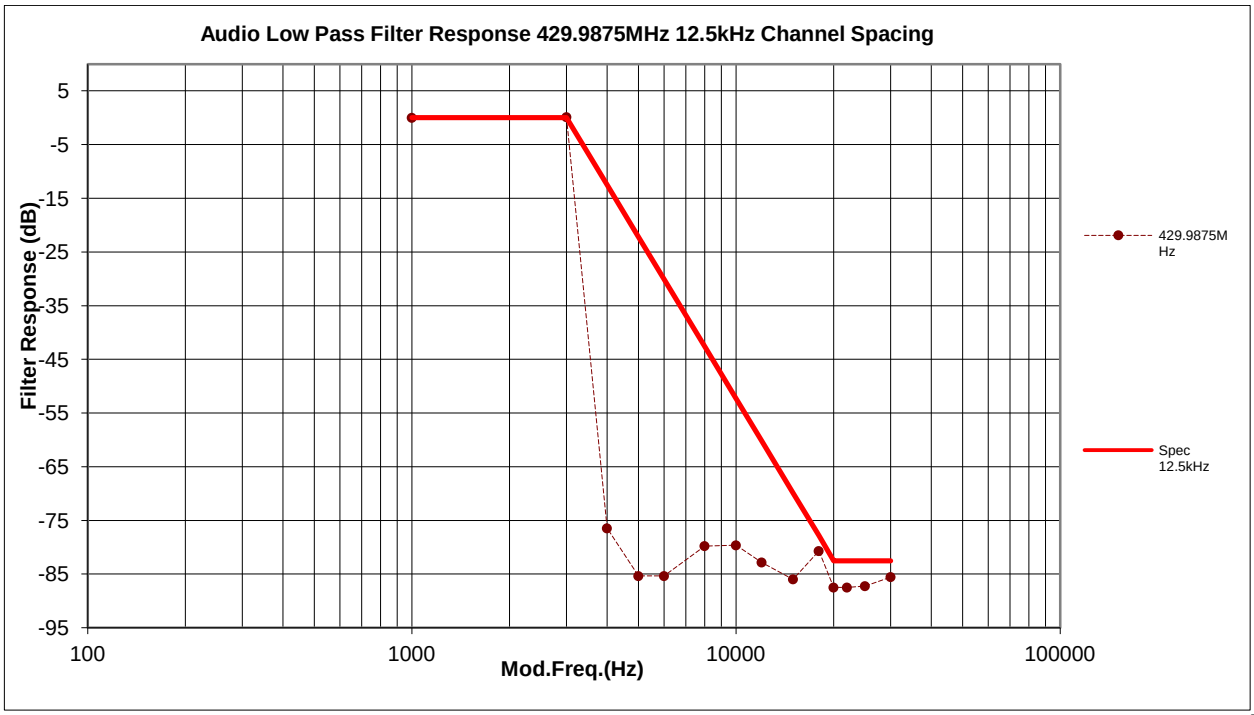

Figure 6C-1: 12.5 kHz Channel Spacing, 429.9875 MHz, Transmit Audio Low Pass Filter Response

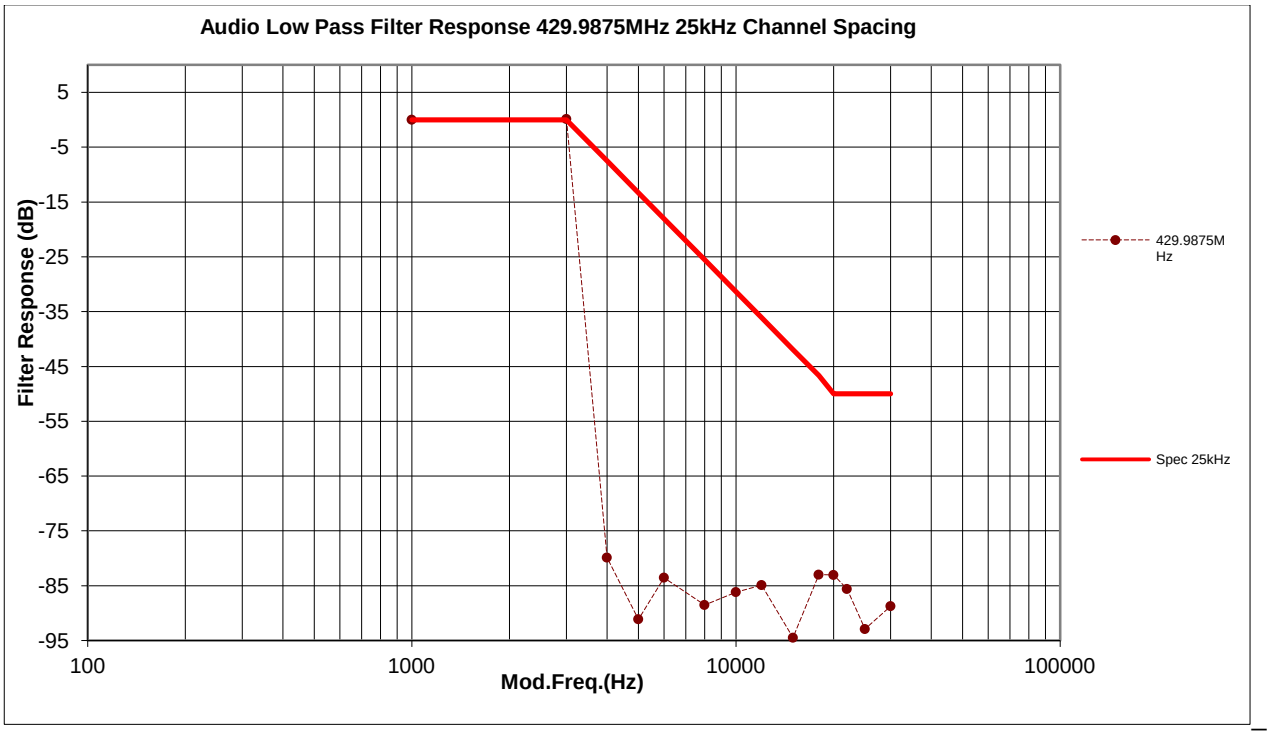

Figure 6C-2: 25 kHz Channel Spacing, 429.9875 MHz, Transmit Audio Low Pass Filter Response
(Not for FCC review)

EXHIBIT 6D

Modulation Limiting

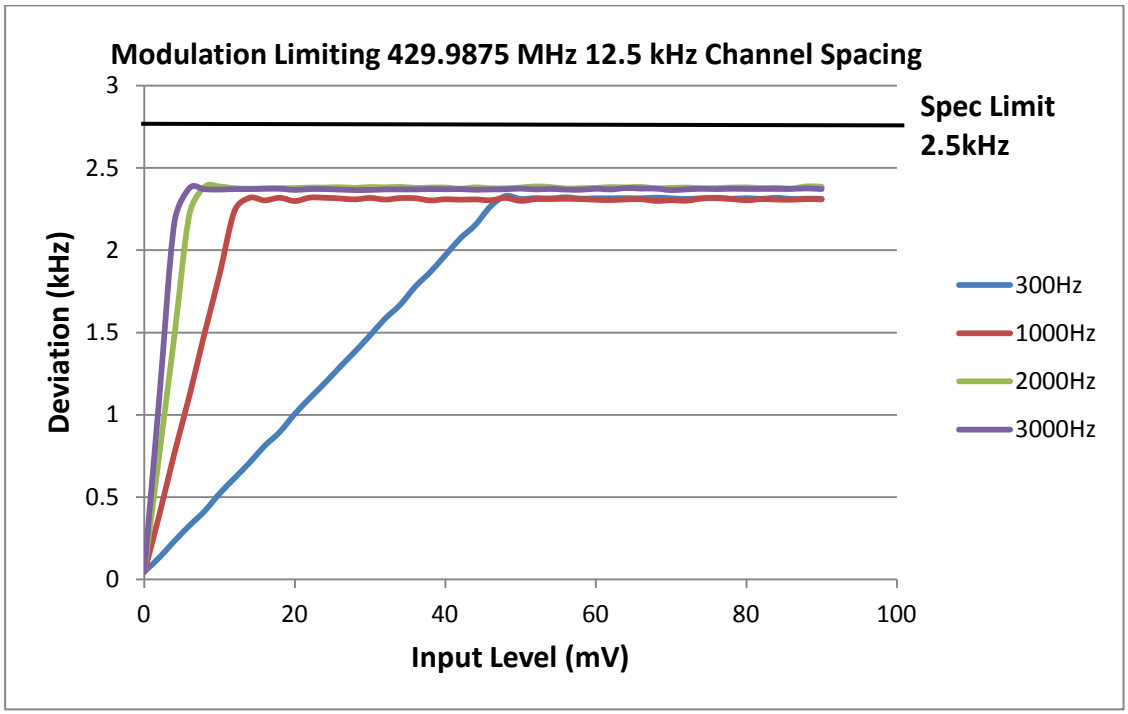

Figure 6D-1: 12.5 kHz Channel Spacing, 429.9875 MHz, Modulation Limiting

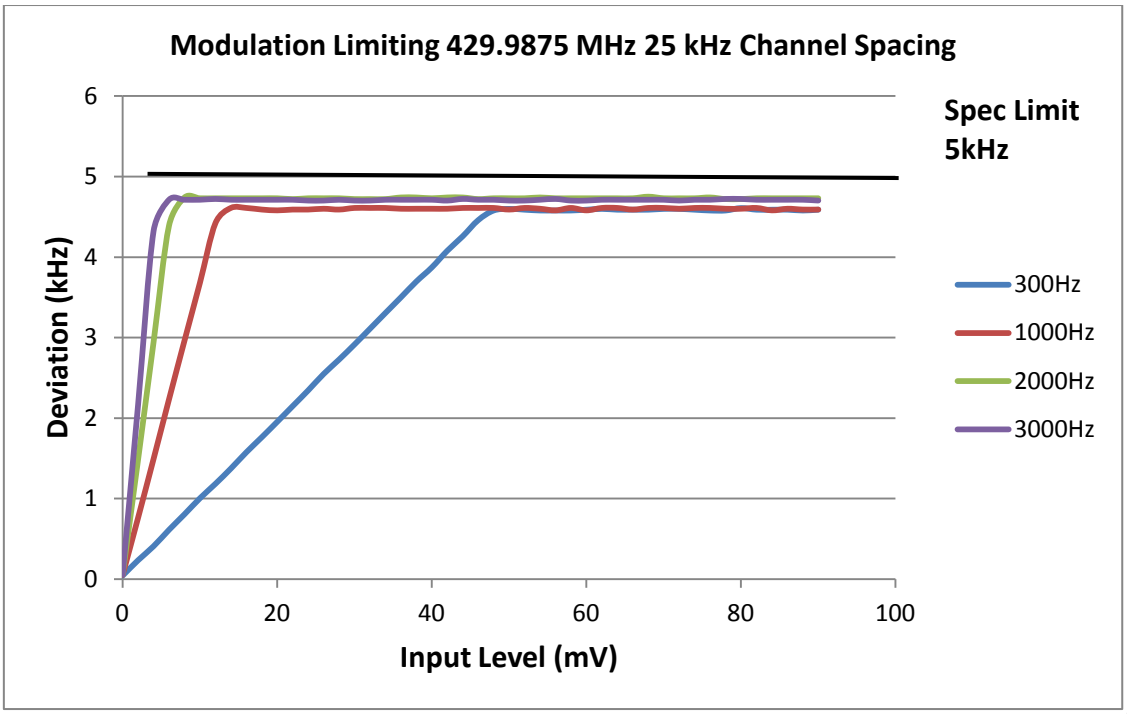

Figure 6D-2: 25 kHz Channel Spacing, 429.9875 MHz, Modulation Limiting (Not for FCC review)

EXHIBIT 6E

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: **AZ489FT4917**.

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) (Not for FCC review):
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 2.1049 (h)) 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 102.CAAB Section 3.2.5. 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 2.1049 (h)) 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 102.CAAB Section 3.2.5. 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 2.1049 (h)) 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 102.CAAB Section 3.2.5. 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.

Occupied Bandwidth Data

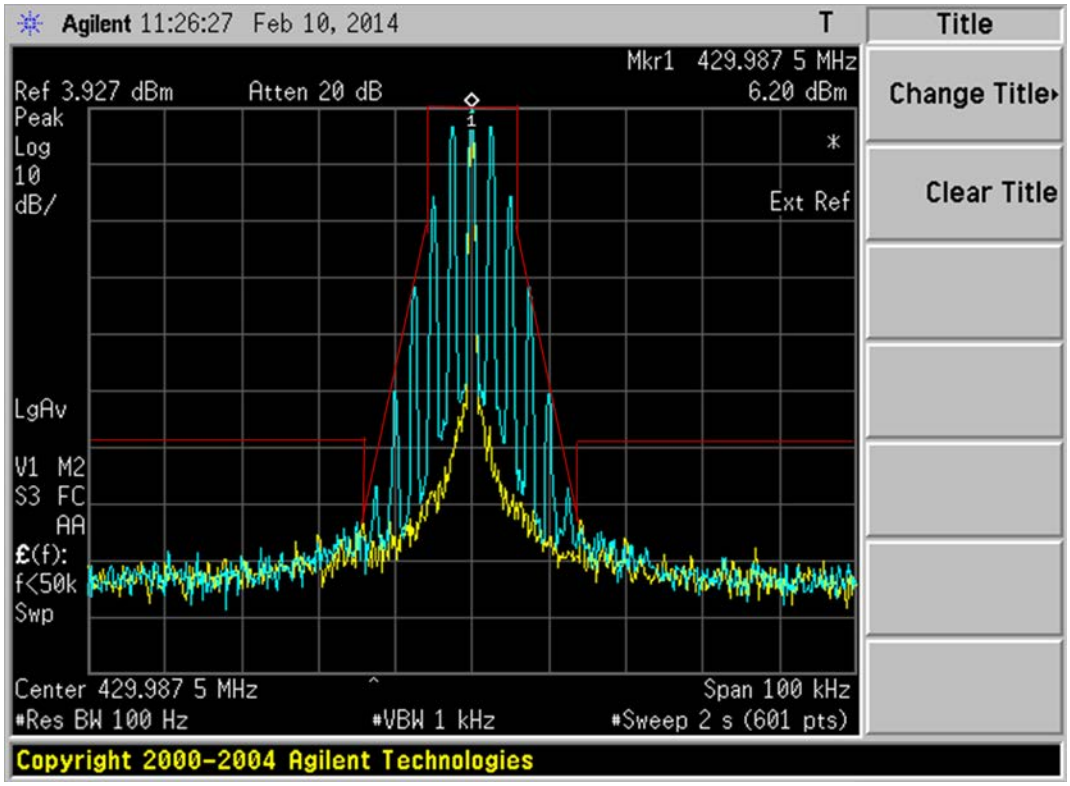

Figure 6E-1: 429.9875MHz, Channel Spacing:12.5 kHz, Analog Voice: 11K0F3E, Mask D

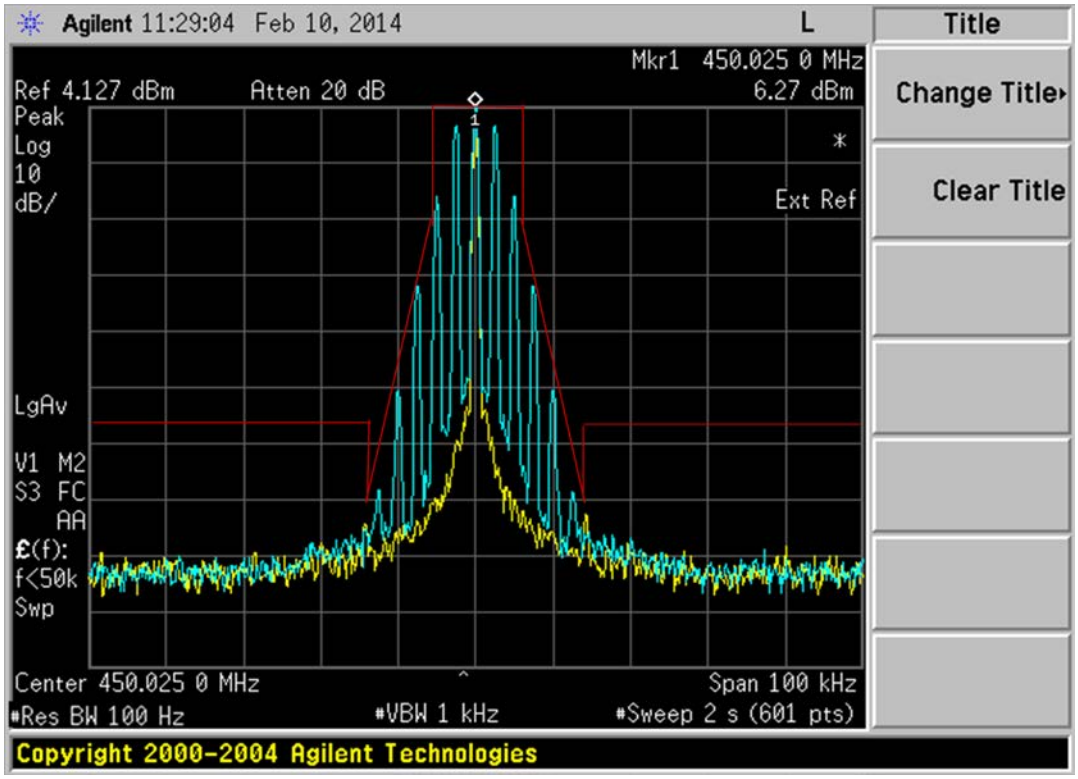

Figure 6E-2: 450.025MHz, Channel Spacing:12.5 kHz, Analog Voice: 11K0F3E, Mask D

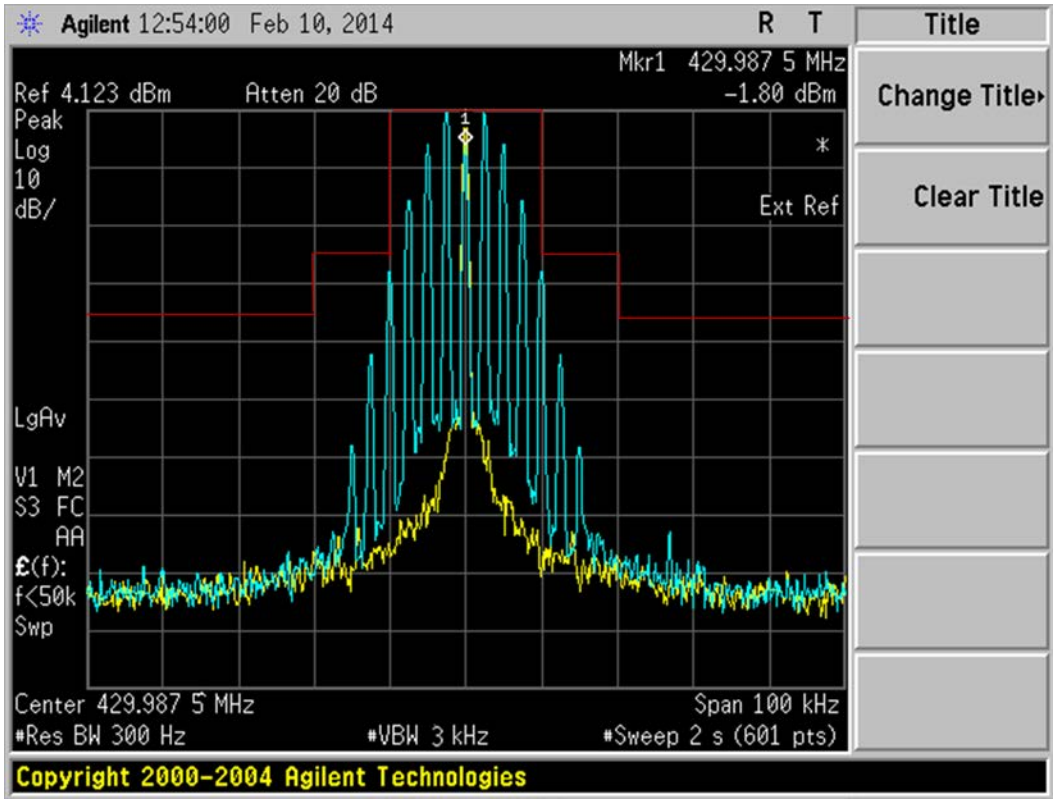

Figure 6E-3: 429.9875MHz, Channel Spacing: 25 kHz, Analog Voice: 16K0F3E, Mask B (Not for FCC review)

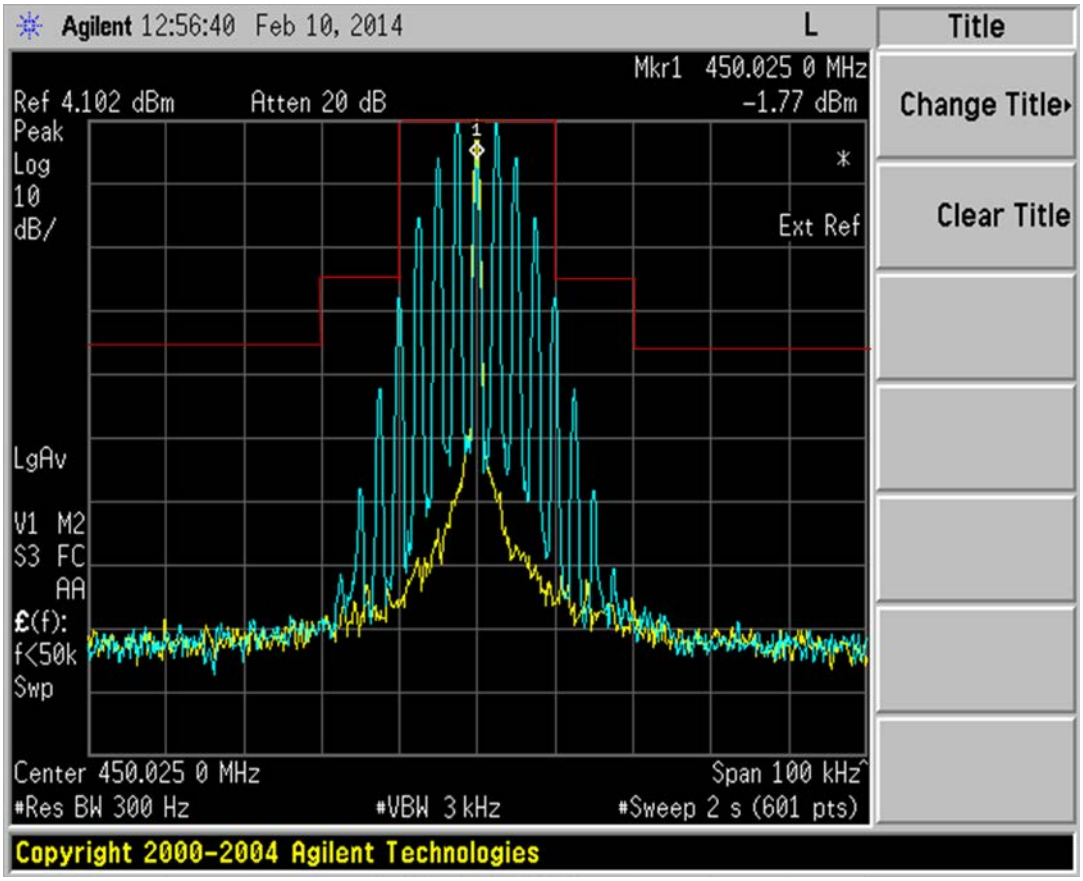

Figure 6E-4: 450.025MHz, Channel Spacing: 25 kHz, Analog Voice: 16K0F3E, Mask B (Not for FCC review)

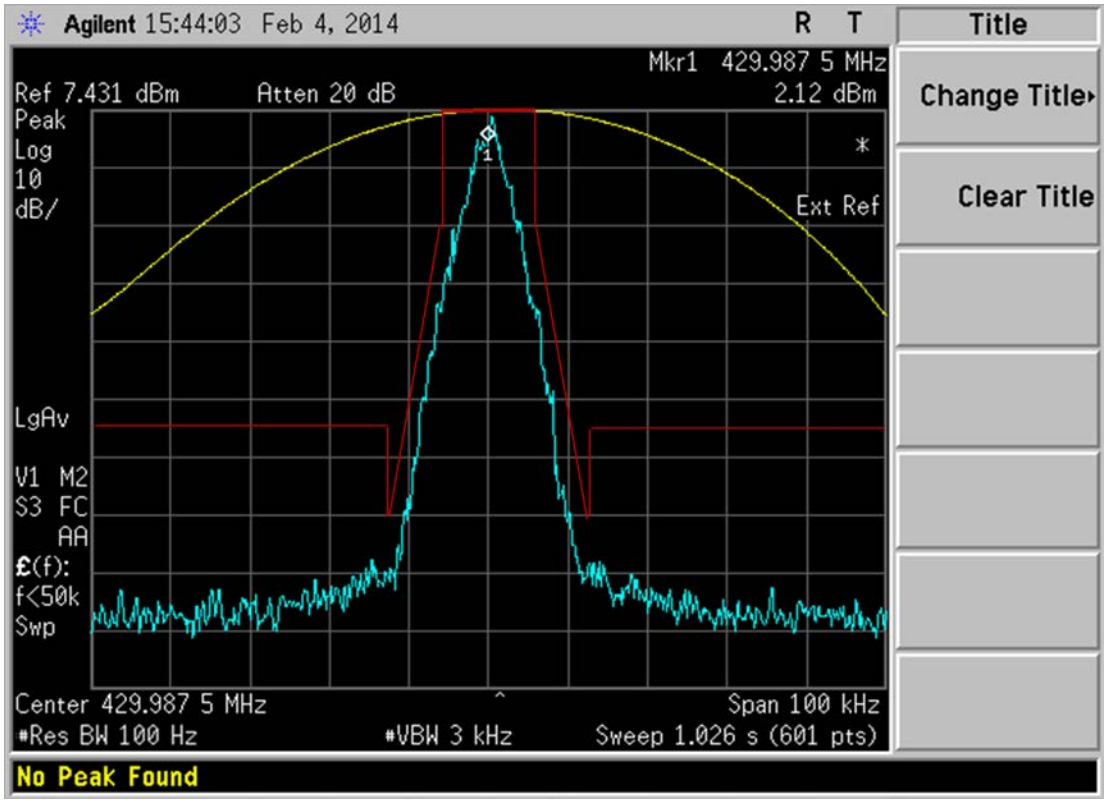

Figure 6E-5: 429.9875MHz, Channel Spacing: 12.5 kHz, Digital Voice: 8K10F1E Mask D

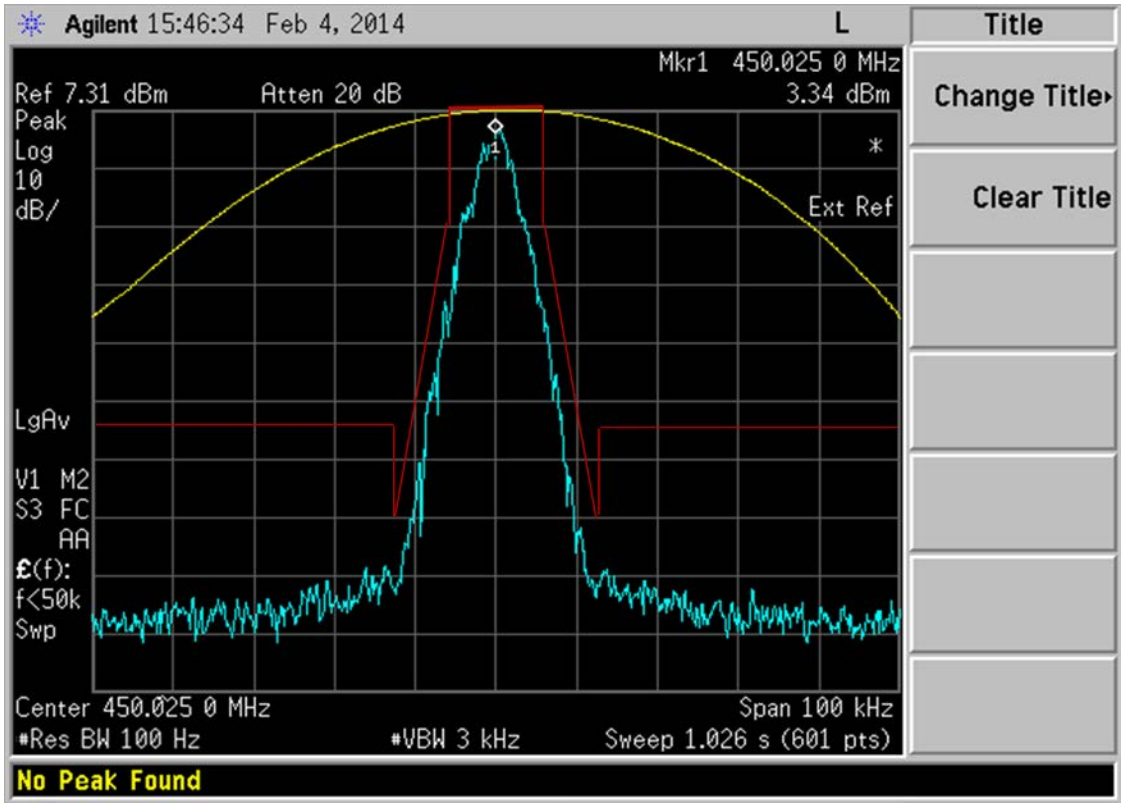

Figure 6E-6: 450.025MHz, Channel Spacing: 12.5 kHz, Digital Voice: 8K10F1E Mask D

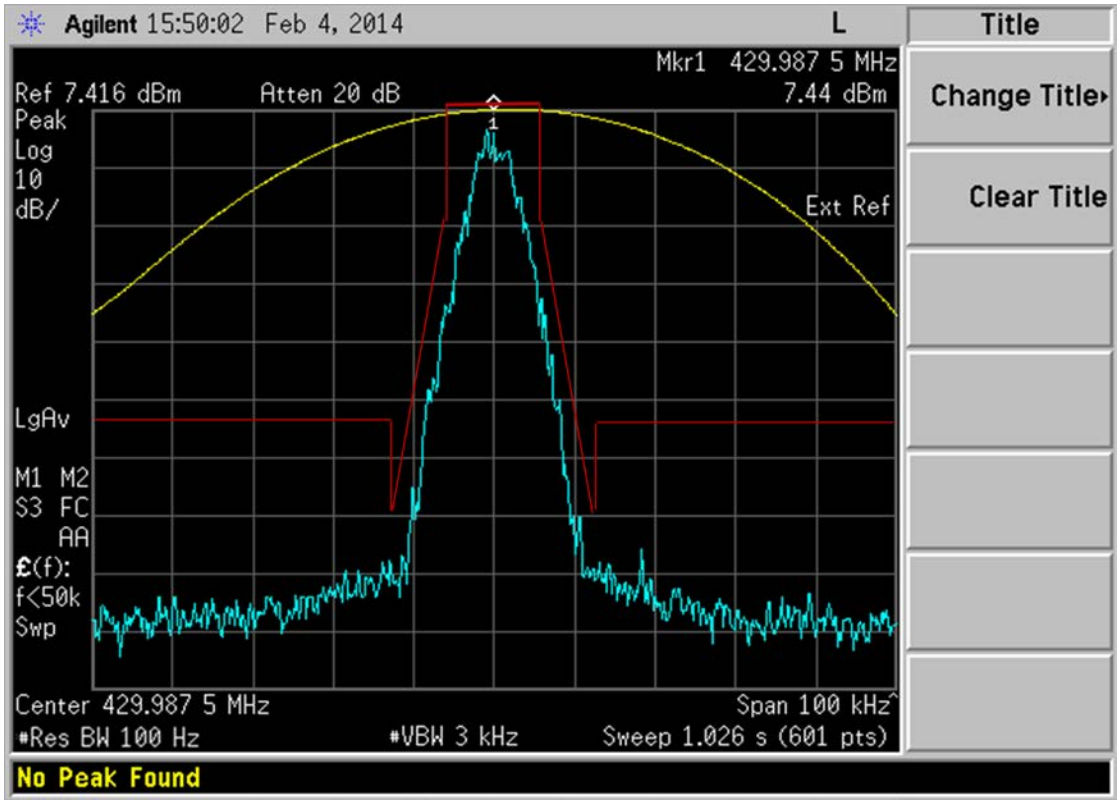

Figure 6E-7: 429.9875MHz, Channel Spacing: 12.5 kHz, Digital Data: 8K10F1D Mask D

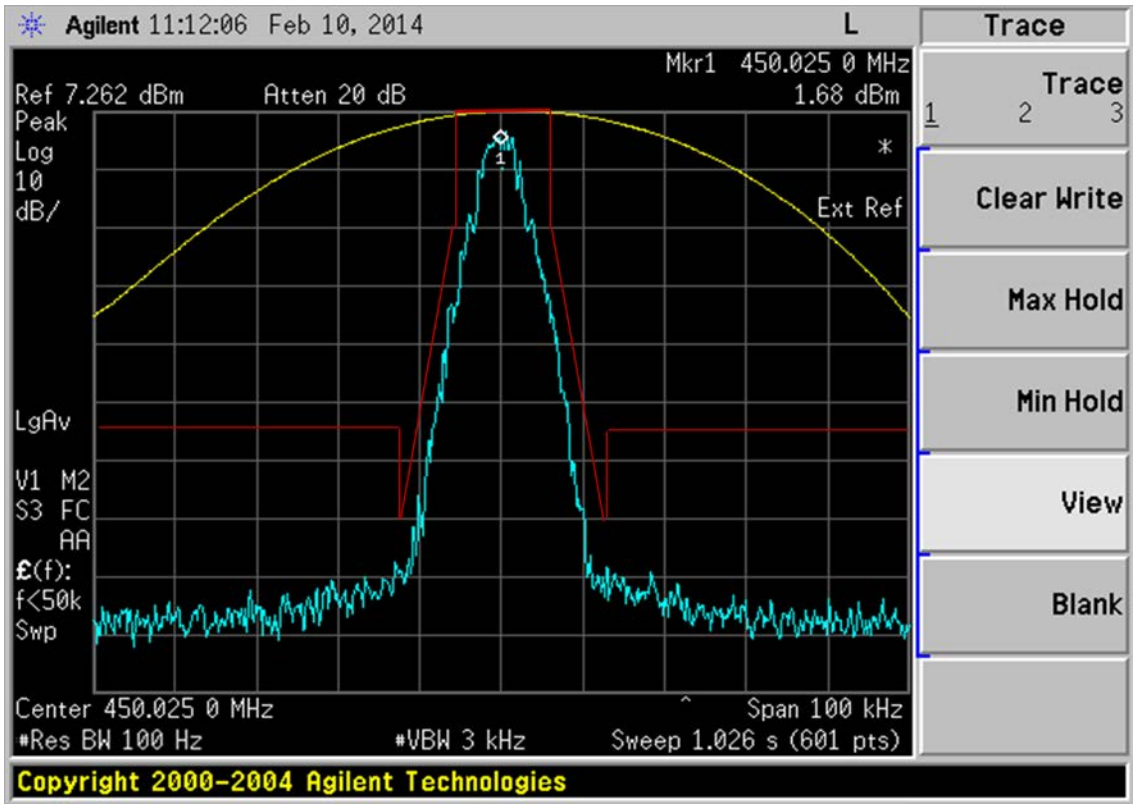

Figure 6E-8 450.025MHz, Channel Spacing: 12.5 kHz, Digital Data: 8K10F1D Mask D

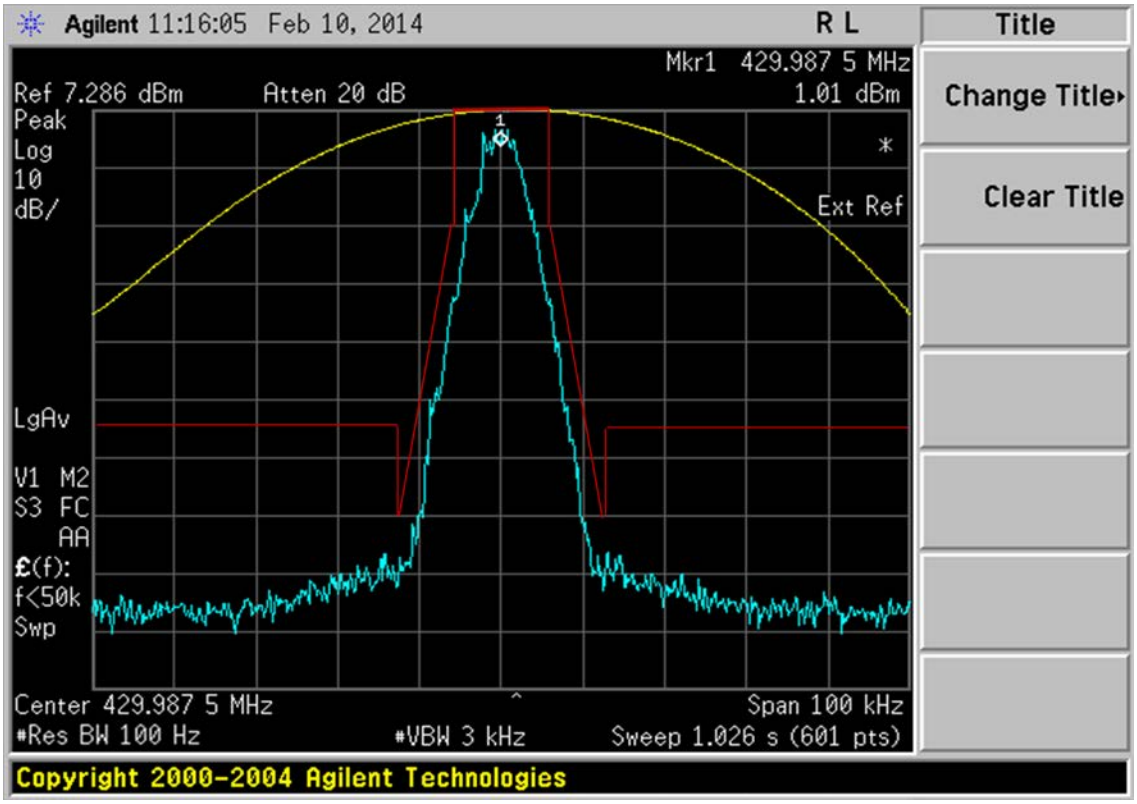

Figure 6E-9: 429.9875MHz, Channel Spacing: 12.5 kHz, Digital TDMA: 8K10F1W Mask D

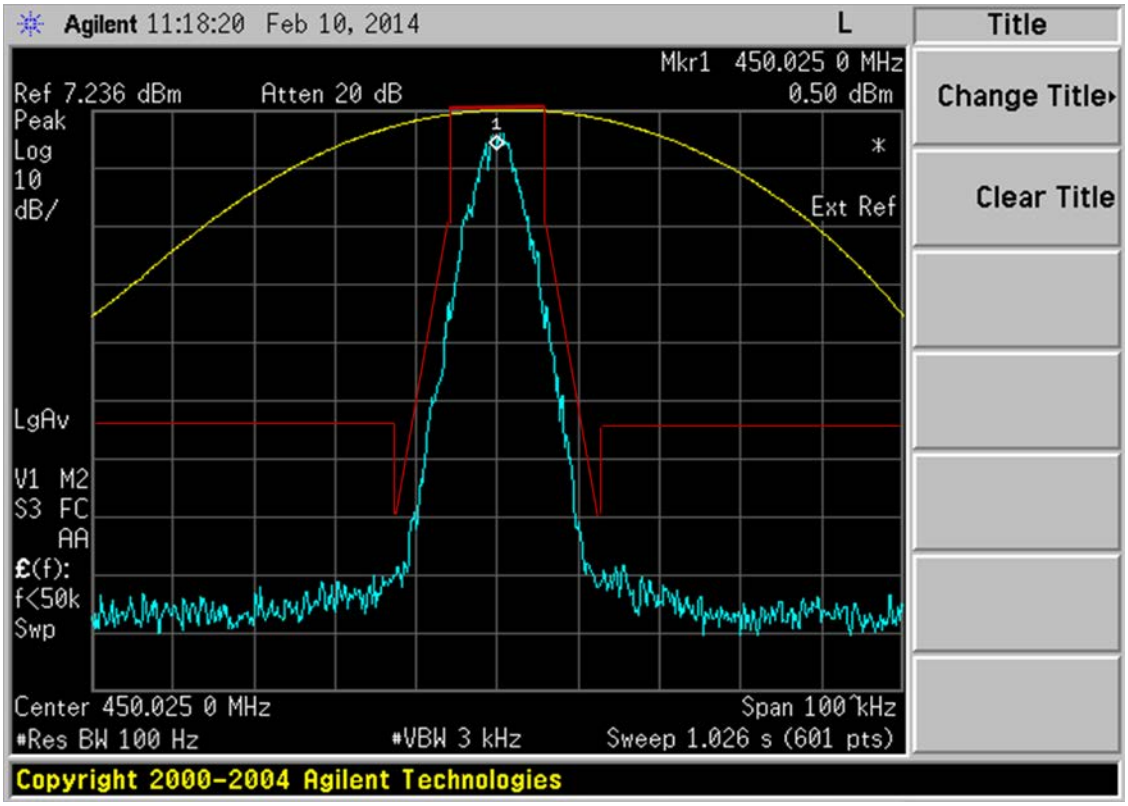

Figure 6E-10: 450.025MHz, Channel Spacing: 12.5 kHz, Digital TDMA: 8K10F1W Mask D

EXHIBIT 6F

Transmitter Radiated Spurious Emissions

Tx Power: 5.7 Watts

380.0125 MHz **Channel Spacing 12.5kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-20	*	-37.94
1140.0375	-20	*	*
1520.0500	-20	*	*
1900.0625	-20	*	*
2280.0750	-20	*	*
2660.0875	-20	*	*
3040.1000	-20	*	*
3420.1125	-20	*	*
3800.1250	-20	*	*

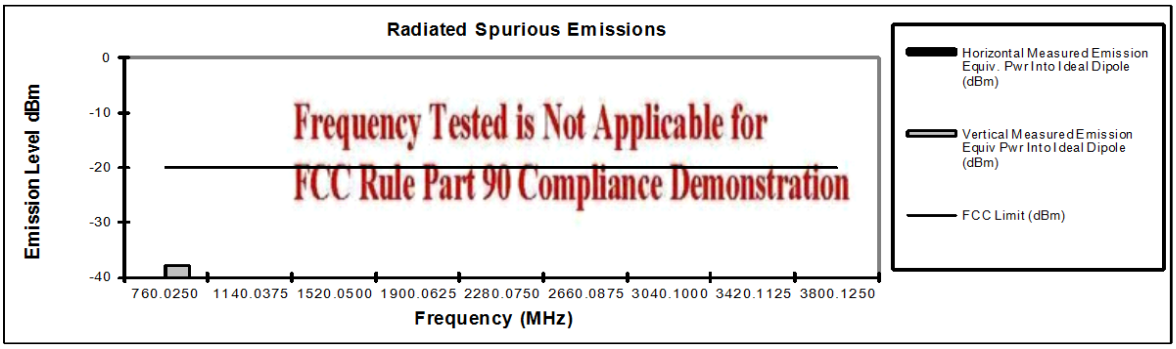

Figure 6F-1: 5.70W 380.0125 MHz, 12.5 kHz Channel Spacing (Not for FCC Review)

Tx Power: 5.7 Watts

406.1125 MHz **Channel Spacing 12.5kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.2250	-20	*	*
1218.3375	-20	*	*
1624.4500	-20	*	*
2030.5625	-20	*	*
2436.6750	-20	*	*
2842.7875	-20	*	*
3248.9000	-20	*	*
3655.0125	-20	*	*
4061.1250	-20	*	*

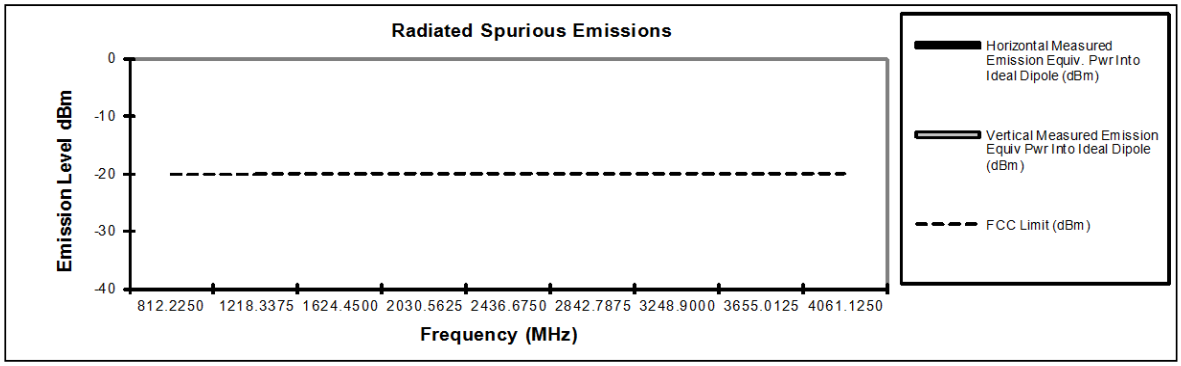

Figure 6F-2: 5.70W 406.1125 MHz, 12.5 kHz Channel Spacing

Tx Power: 5.7 Watts

429.9875 MHz **Channel Spacing 12.5kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
859.9750	-20	*	*
1289.9625	-20	*	*
1719.9500	-20	*	*
2149.9375	-20	*	*
2579.9250	-20	*	*
3009.9125	-20	*	*
3439.9000	-20	*	*
3869.8875	-20	*	*
4299.8750	-20	*	*

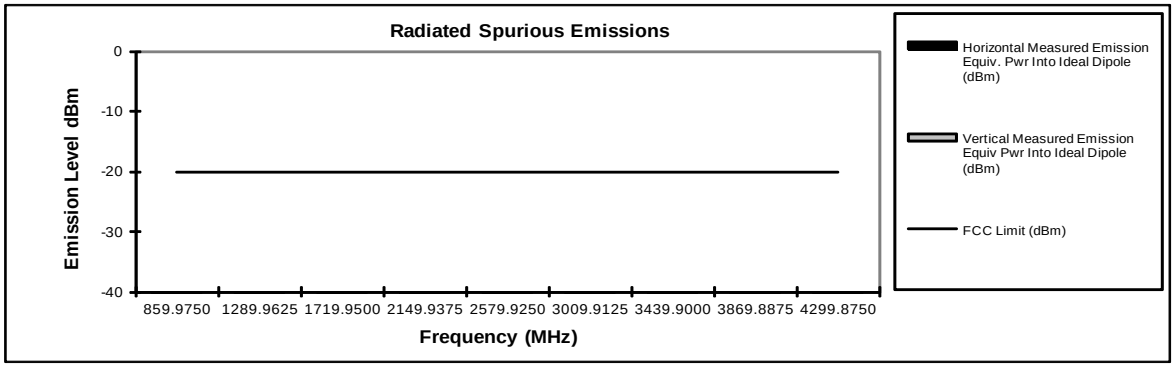

Figure 6F-3: 5.70W 429.9875 MHz, 12.5 kHz Channel Spacing

Tx Power: 5.7 Watts

469.9875 MHz **Channel Spacing 12.5kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-20	*	*
1409.9625	-20	*	*
1879.9500	-20	*	*
2349.9375	-20	*	*
2819.9250	-20	*	*
3289.9125	-20	*	*
3759.9000	-20	*	*
4229.8875	-20	*	*
4699.8750	-20	-39.29	*

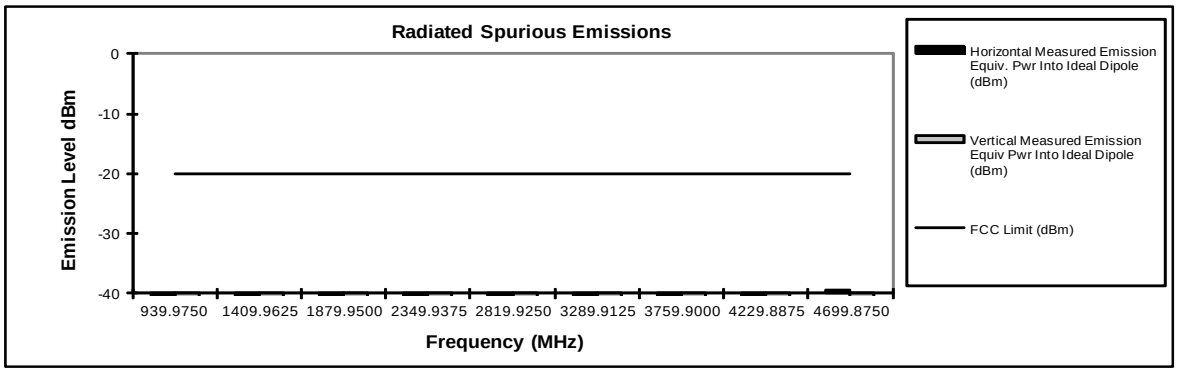

Figure 6F-4: 5.70W 469.9875 MHz, 12.5 kHz Channel Spacing

Tx Power: 5.7 Watts

380.0125 MHz **Channel Spacing 25kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-13	*	*
1140.0375	-13	*	*
1520.0500	-13	*	*
1900.0625	-13	*	*
2280.0750	-13	*	*
2660.0875	-13	*	*
3040.1000	-13	*	*
3420.1125	-13	*	*
3800.1250	-13	*	*

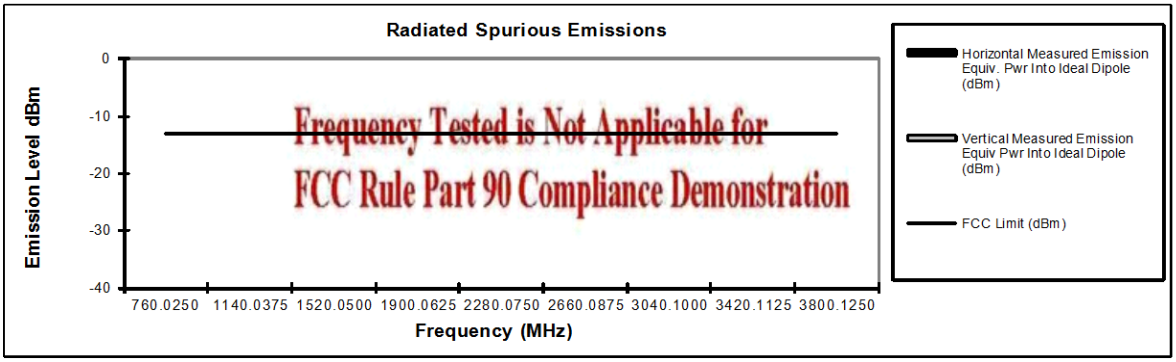

Figure 6F-5: 5.70W 380.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 5.7 Watts

406.1125 MHz **Channel Spacing 25kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.2250	-13	*	*
1218.3375	-13	*	*
1624.4500	-13	*	*
2030.5625	-13	*	*
2436.6750	-13	*	*
2842.7875	-13	*	*
3248.9000	-13	*	*
3655.0125	-13	*	*
4061.1250	-13	*	*

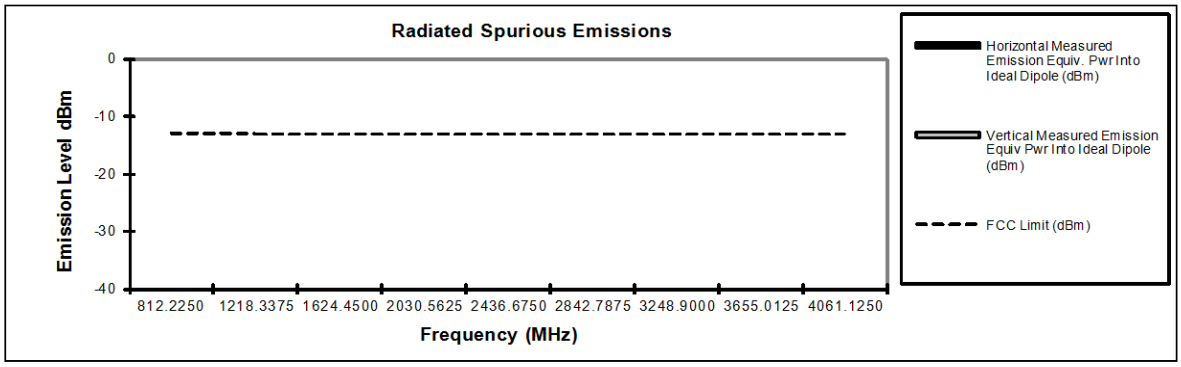

Figure 6F-6: 5.70W 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 5.7 Watts

429.9875 MHz **Channel Spacing 25kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
859.9750	-13	*	*
1289.9625	-13	*	*
1719.9500	-13	*	*
2149.9375	-13	*	*
2579.9250	-13	*	*
3009.9125	-13	*	*
3439.9000	-13	*	*
3869.8875	-13	*	*
4299.8750	-13	*	*

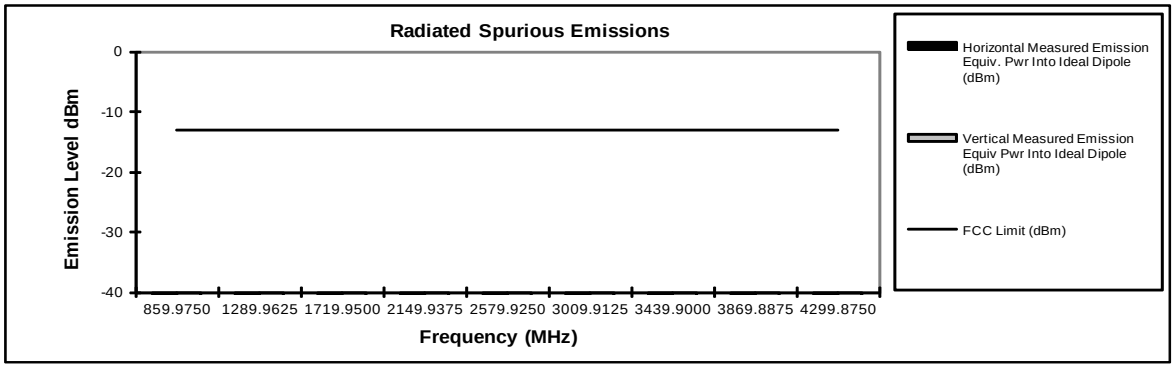

Figure 6F-7: 5.70W 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 5.7 Watts

469.9875 MHz **Channel Spacing 25kHz | S/N 837TPX0063**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-13	*	*
1409.9625	-13	*	*
1879.9500	-13	*	*
2349.9375	-13	*	*
2819.9250	-13	*	*
3289.9125	-13	*	*
3759.9000	-13	*	*
4229.8875	-13	*	*
4699.8750	-13	*	*

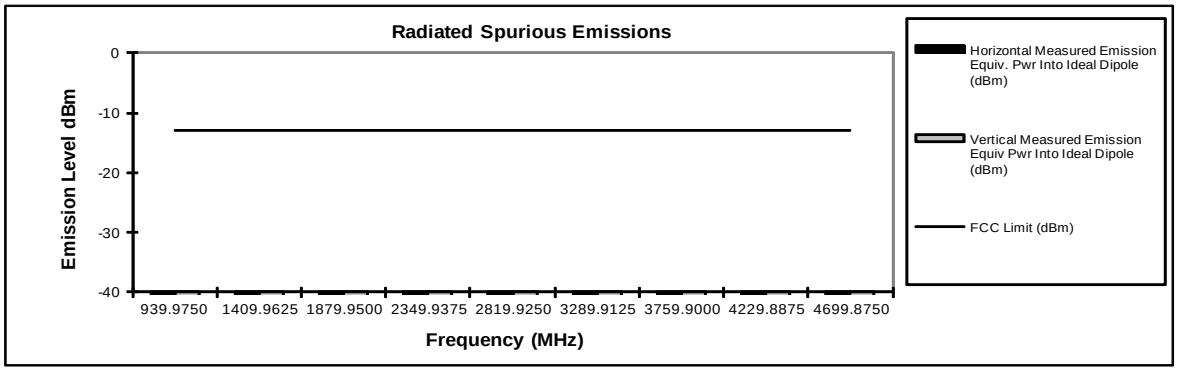

Figure 6F-8: 5.70W 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6G - Conducted Spurious Emissions

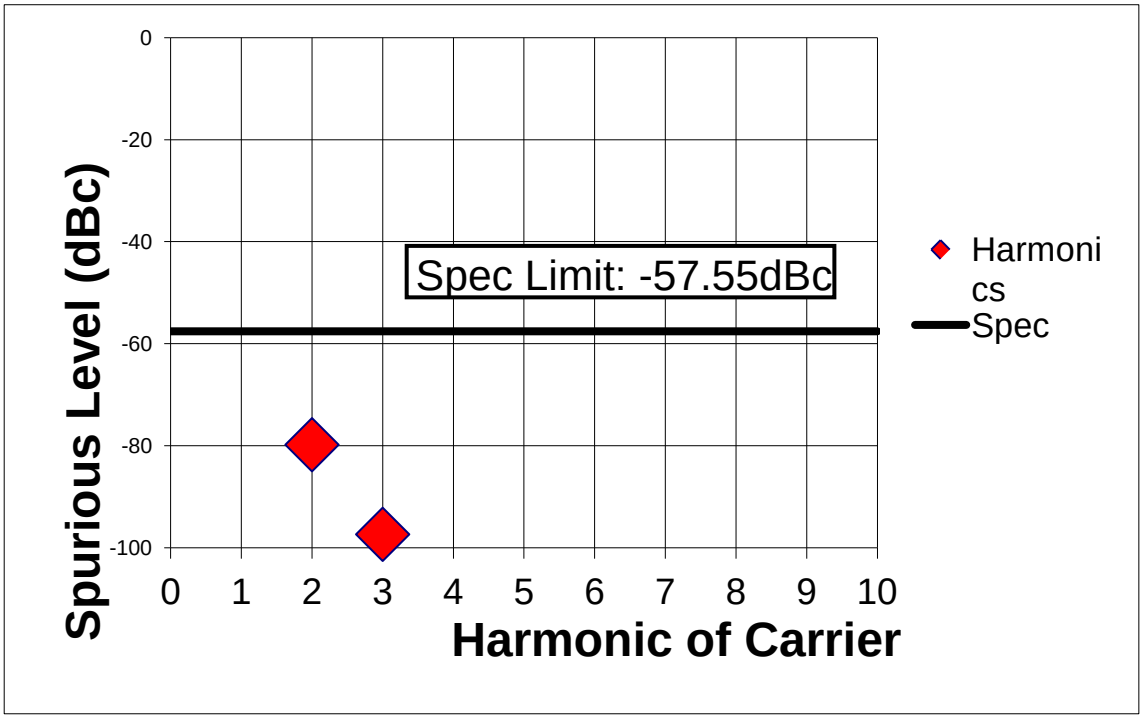

Figure 6G-1: 5.70W 380.0125 MHz, 12.5 kHz Channel Spacing (Not for FCC review)

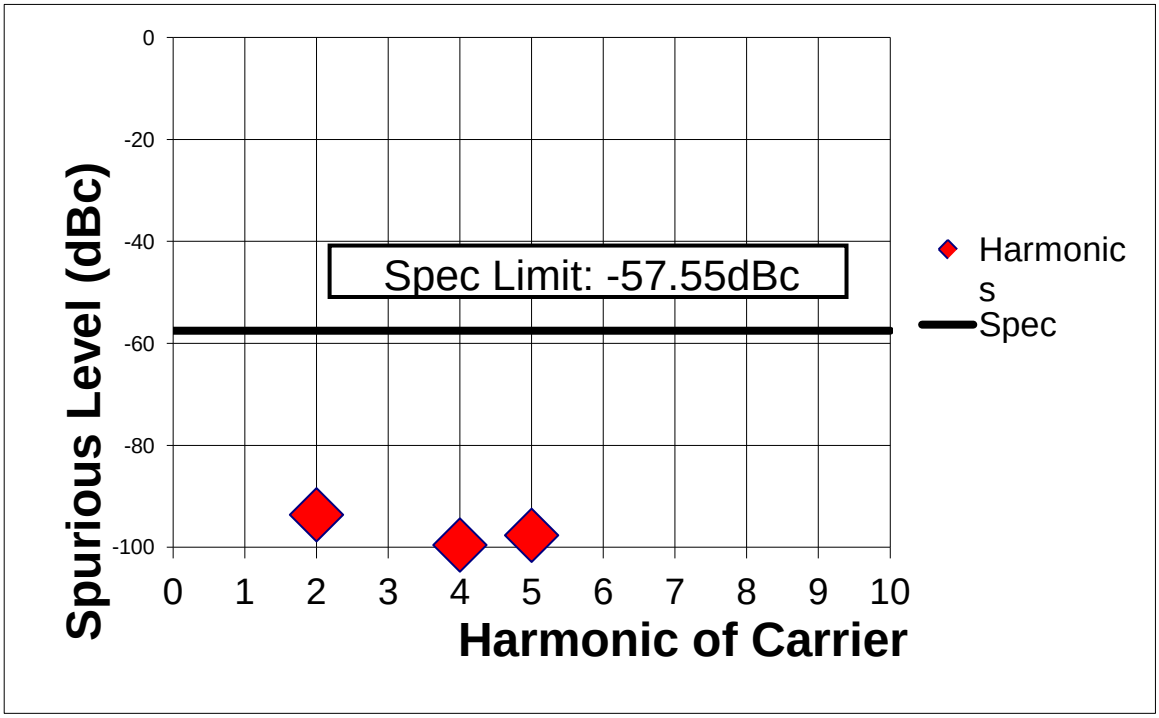

Figure 6G-2: 5.70W 406.1125 MHz, 12.5 kHz Channel Spacing

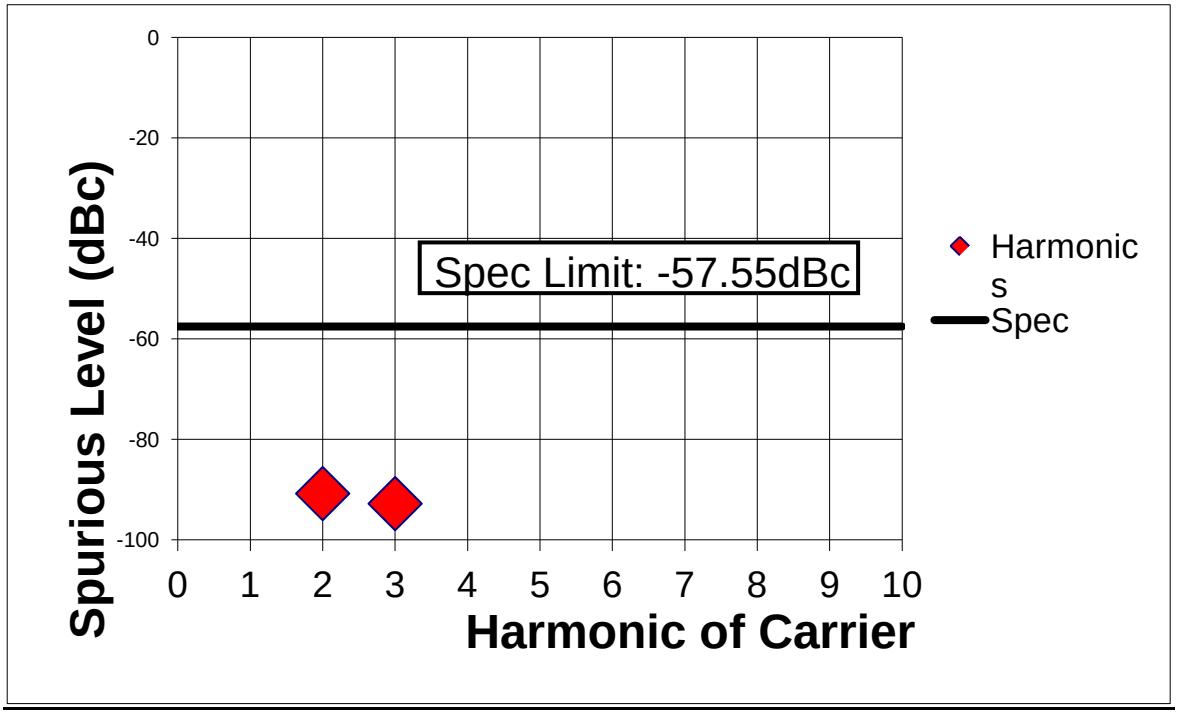

Figure 6G-3: 5.70W 429.9875 MHz, 12.5 kHz Channel Spacing

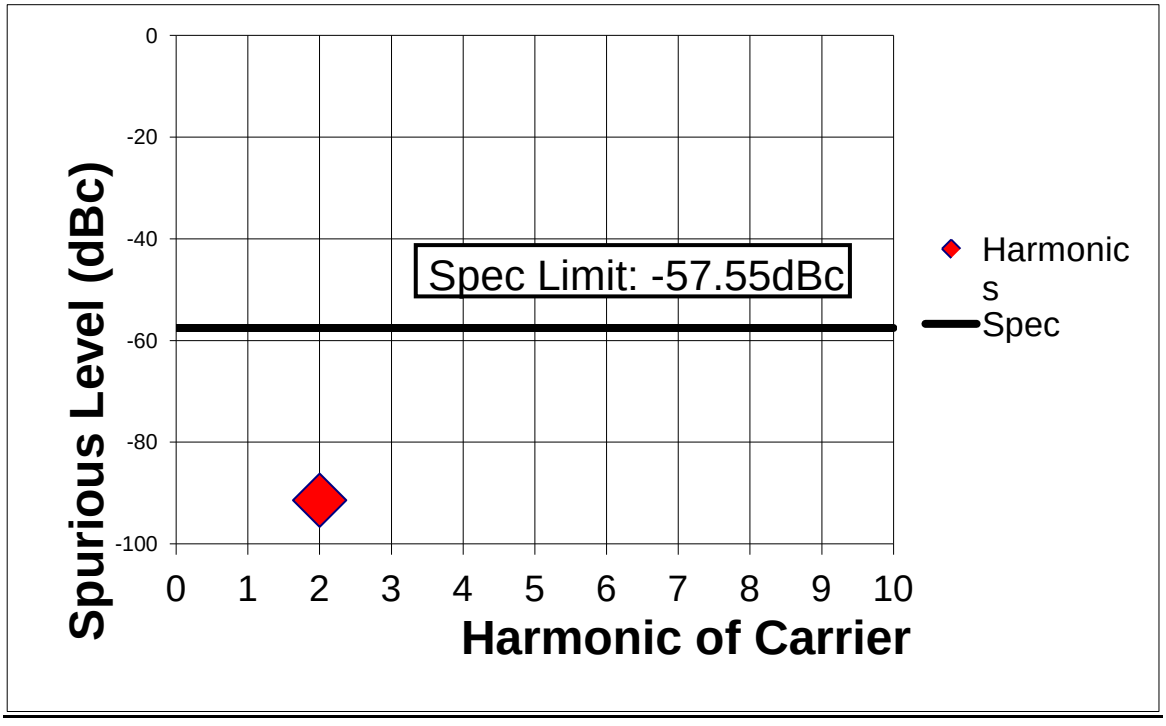

Figure 6G-4: 5.70W 469.9875 MHz, 12.5 kHz Channel Spacing

EXHIBIT 6H

Frequency Stability (Volt/Temp)

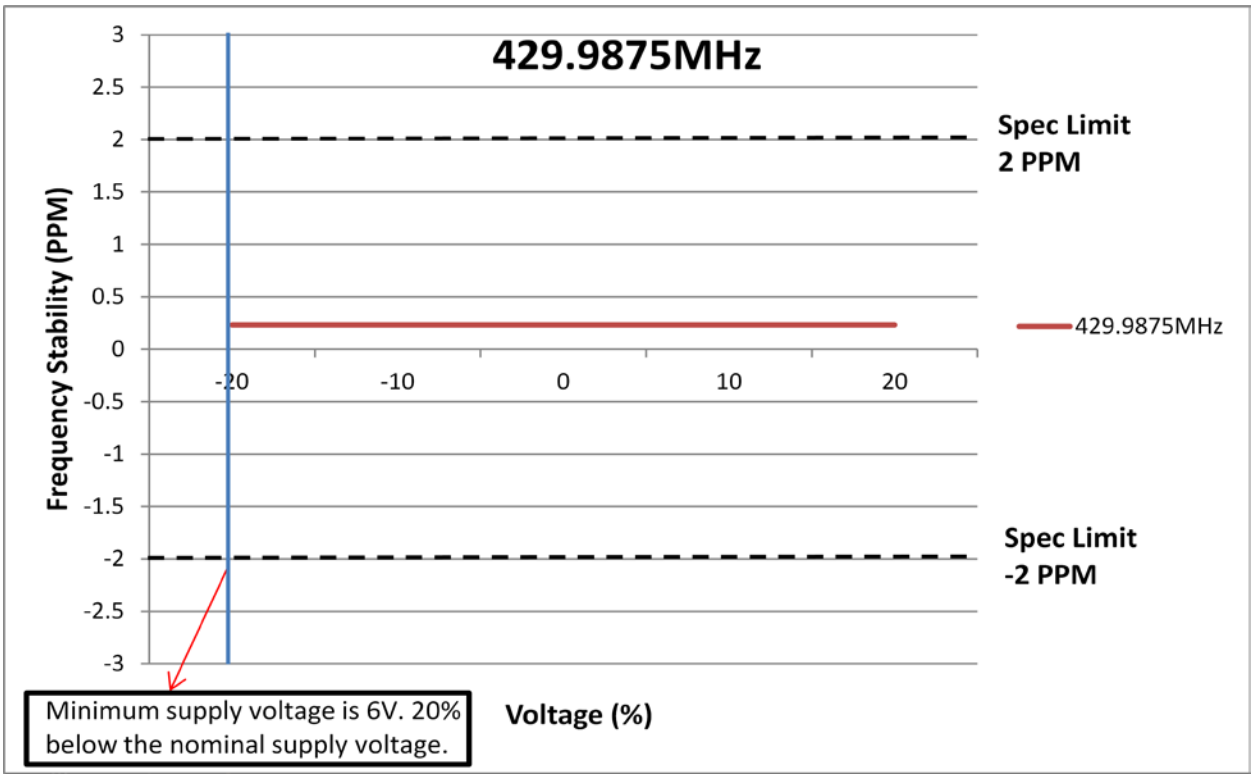

Figure 6H-1: 2.0 ppm Frequency Stability vs. Supply Voltage

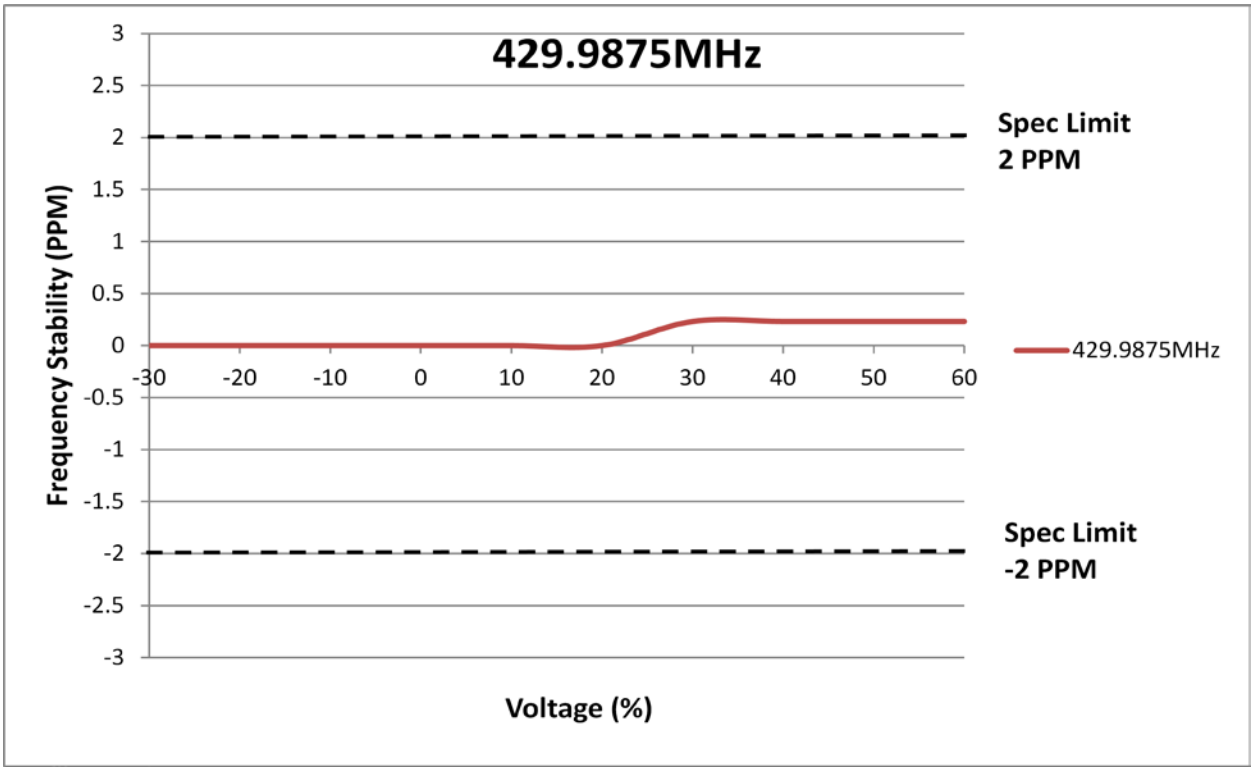

Figure 6H-2: 2.0 ppm Frequency Stability vs. Temperature

EXHIBIT 6I

Transient Frequency Behavior

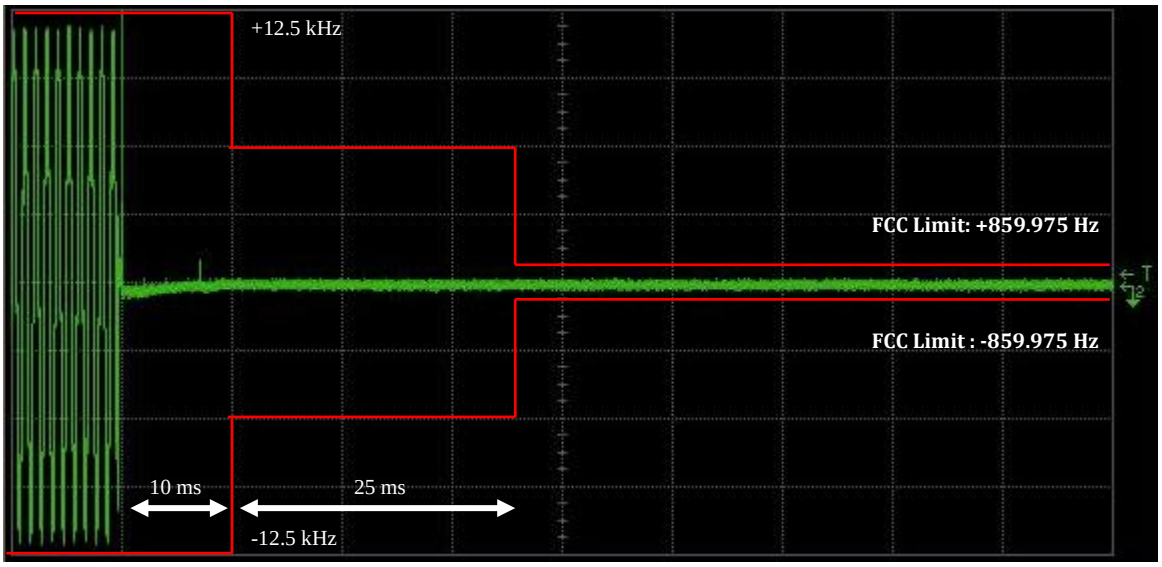

Figure 6I-1: TX 429.9875 MHz - 12.5 KHz Channel Spacing – Transmitter On

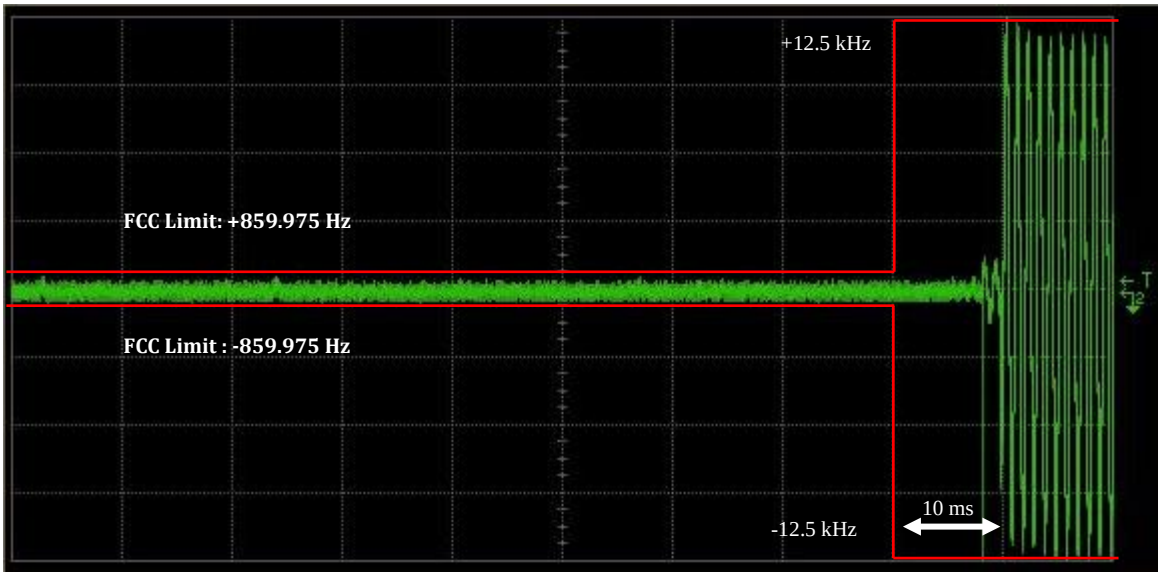

Figure 6I-2: TX 429.9875 MHz - 12.5 KHz Channel Spacing – Transmitter Off

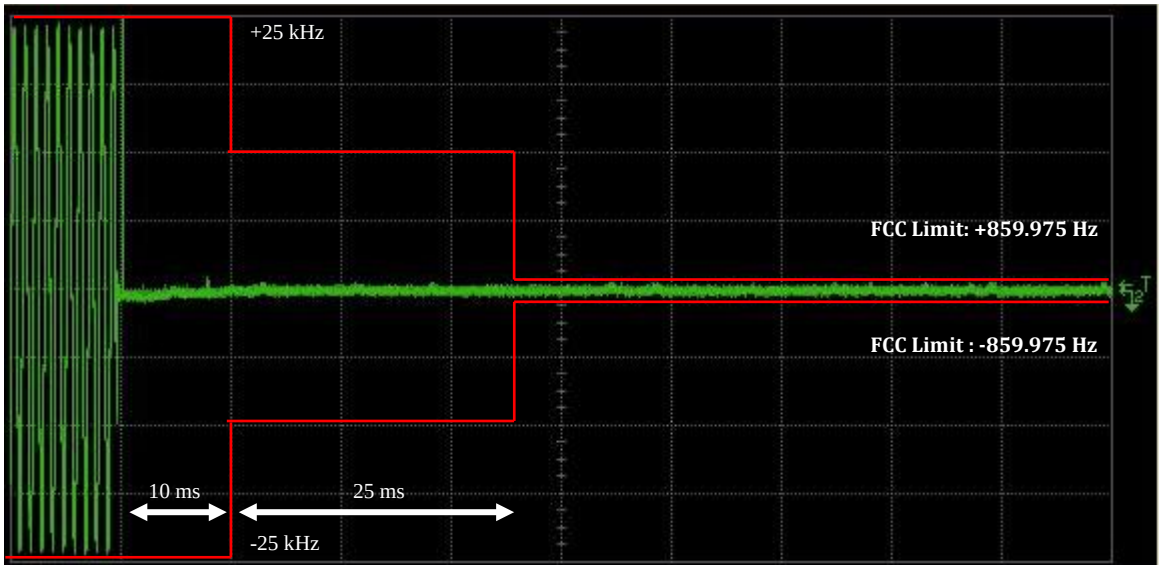

Figure 6I -3: TX 429.9875 MHz – 25 KHz Channel Spacing – Transmitter On (Not for FCC review)

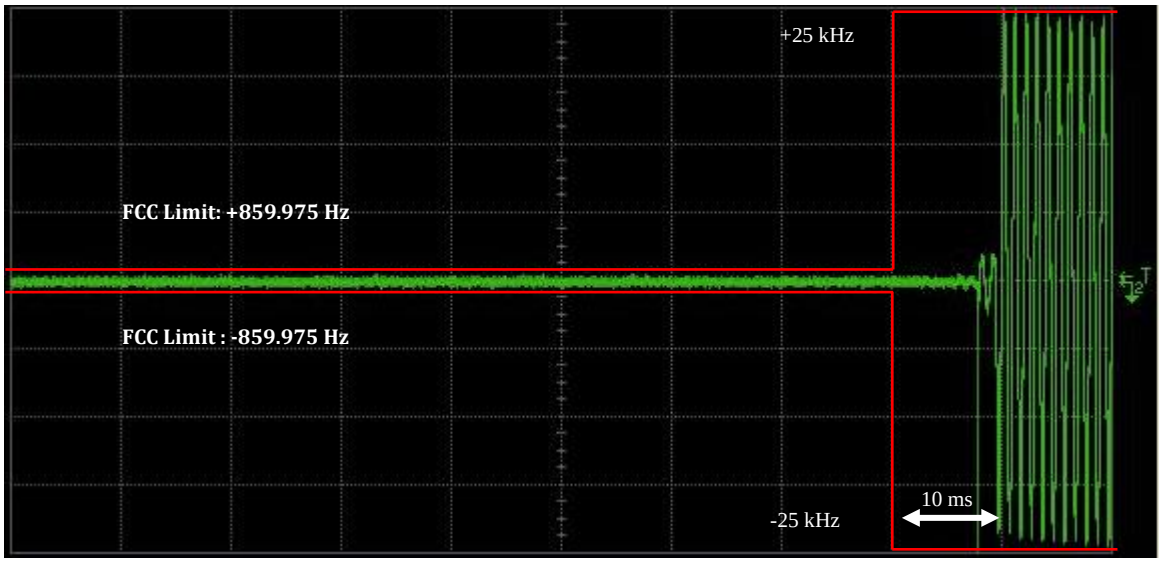

Figure 6I-4: TX 429.9875 MHz – 25 KHz Channel Spacing – Transmitter Off (Not for FCC review)