

**Submitted Measured Data**

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**Note: Data was tested to show compliance to RSS102, RSS119, and RSS210.**

**RF Power Output Data**

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

**380.025 MHz**

Measured RF output: 0.25 Watt  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 600 mAmps  
Primary Supply Voltage: 7.5 Volts

Measured RF output: 3.0 Watts  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 1570 mAmps  
Primary Supply Voltage: 7.5 Volts

Measured RF output: 5.6 Watts  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 2158 mAmps  
Primary Supply Voltage: 7.5 Volts

**424.925 MHz**

Measured RF output: 0.25 Watt  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 500 mAmps  
Primary Supply Voltage: 7.5 Volts

Measured RF output: 3.0 Watts  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 1380 mAmps  
Primary Supply Voltage: 7.5 Volts

Measured RF output: 5.6 Watts  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 1920 mAmps  
Primary Supply Voltage: 7.5 Volts

**469.925 MHz**

Measured RF output: 0.25 Watt  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 520 mAmps  
Primary Supply Voltage: 7.5 Volts

Measured RF output: 3.0 Watts  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 1395 mAmps  
Primary Supply Voltage: 7.5 Volts

Measured RF output: 5.6 Watts  
Nominal DC voltage: 7.5 Volts  
Nominal DC Current: 1980 mAmps  
Primary Supply Voltage: 7.5 Volts

Motorola Solutions

FCC ID:AZ489FT4892

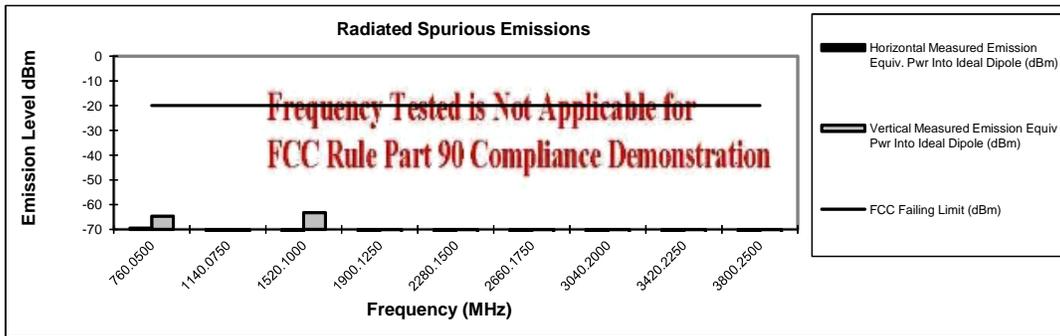
**Transmit Radiated Spurious Emissions: SRX2200 H99QDD9PW5AN**

**Tx Power: 5.3 Watts**

**380.025 MHz**

**Channel Spacing 12.5kHz | S/N CAI110RF5D**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0500	-20	-69.41	-64.60
1140.0750	-20	-75.76	-70.90
1520.1000	-20	-74.80	-63.26
1900.1250	-20	*	*
2280.1500	-20	*	*
2660.1750	-20	*	*
3040.2000	-20	*	*
3420.2250	-20	*	*
3800.2500	-20	*	*



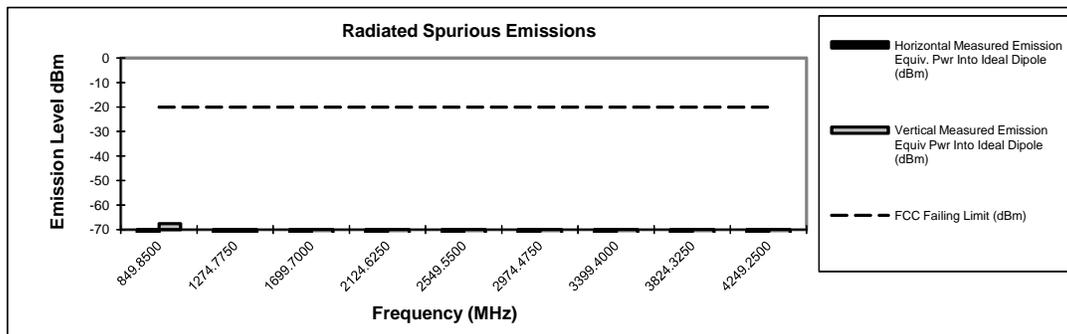
**Transmit Radiated Spurious Emissions: SRX2200 H99QDD9PW5AN**

**Tx Power: 5.3 Watts**

**424.925 MHz**

**Channel Spacing 12.5kHz | S/N CAI110RF5D**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
849.8500	-20	-76.17	-67.64
1274.7750	-20	*	-71.26
1699.7000	-20	*	*
2124.6250	-20	-72.04	*
2549.5500	-20	*	*
2974.4750	-20	*	*
3399.4000	-20	*	*
3824.3250	-20	*	*
4249.2500	-20	*	*



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

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

Motorola Solutions

FCC ID:AZ489FT4892

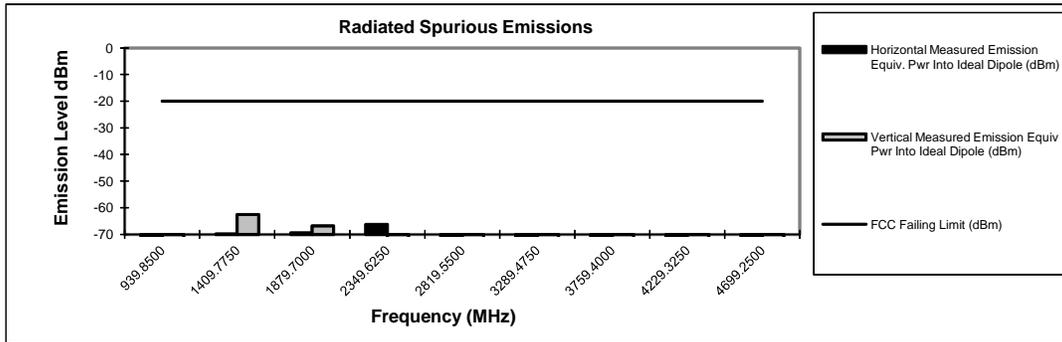
**Transmit Radiated Spurious Emissions: SRX2200 H99QDD9PW5AN**

**Tx Power: 5.3 Watts**

**469.925 MHz**

**Channel Spacing 12.5kHz | S/N CA110RF5D**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.8500	-20	*	*
1409.7750	-20	-69.85	-62.57
1879.7000	-20	-69.46	-66.83
2349.6250	-20	-66.32	*
2819.5500	-20	*	*
3289.4750	-20	*	*
3759.4000	-20	*	*
4229.3250	-20	*	*
4699.2500	-20	*	*



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

**Transmitter Conducted Emissions**

Spurious response was measured at 380.025 MHz. Conducted emissions were measured to 4 GHz, beyond the tenth harmonic. All spurious and harmonic emissions are well below the FCC limit.

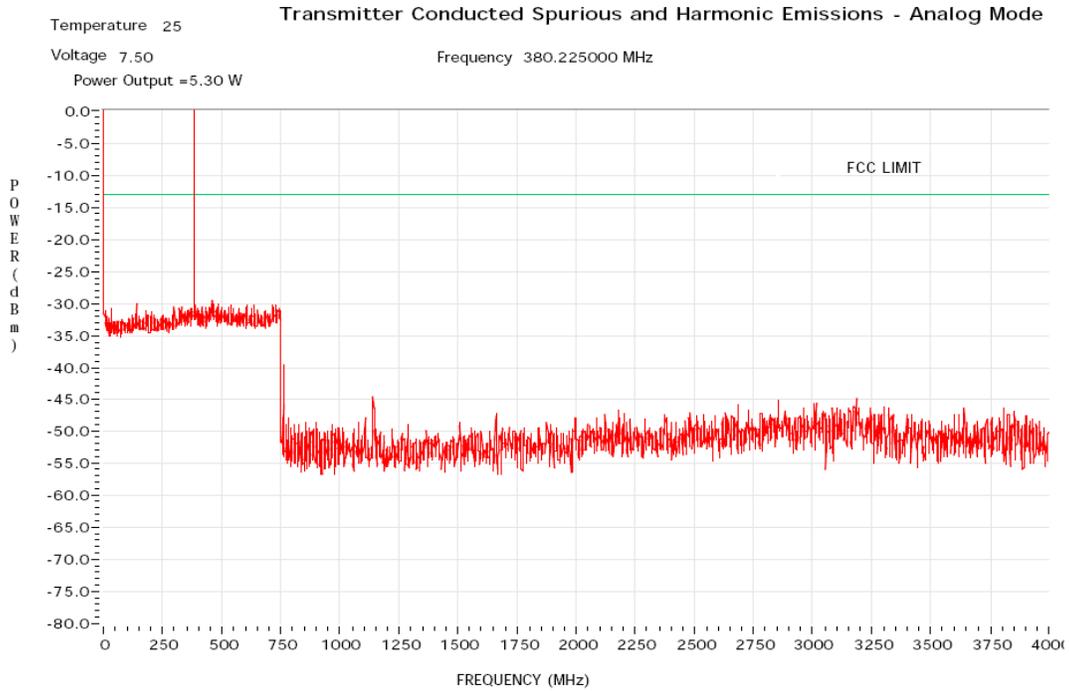


Exhibit 6G-1

Spurious response was measured at 425.225 MHz. Conducted emissions were measured to 5 GHz, beyond the tenth harmonic. All spurious and harmonic emissions are well below the FCC limit.

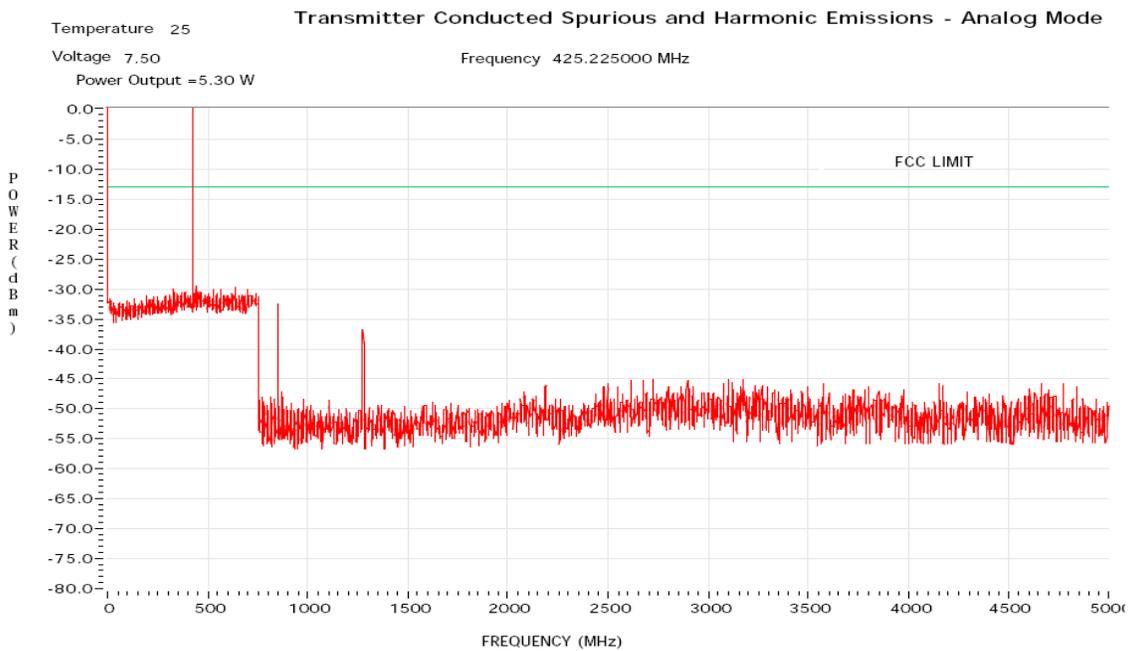


Exhibit 6G-2

Spurious response was measured at 469.725 MHz. Conducted emissions were measured to 5 GHz, beyond the tenth harmonic. All spurious and harmonic emissions are well below the FCC limit.

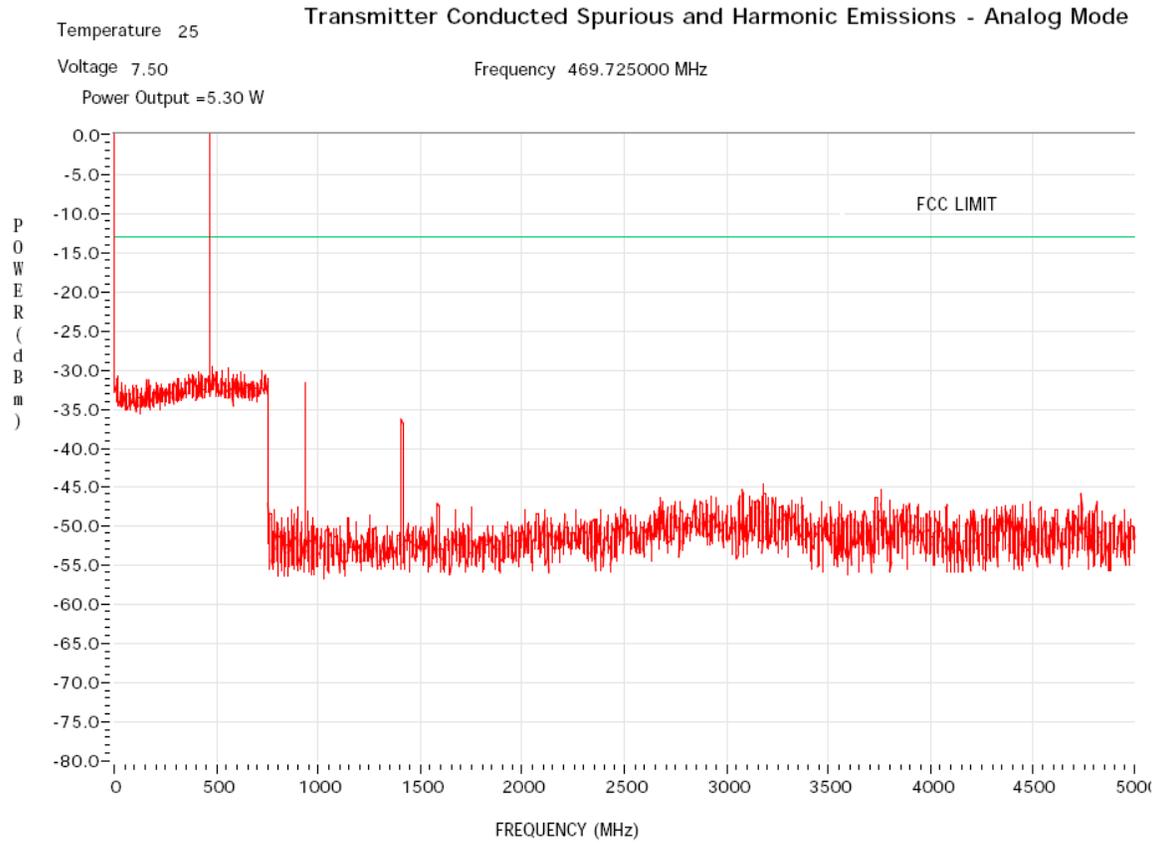


Exhibit 6G-3

**Power Line Conducted Emissions**

**Scan Parameters: Hardware Setup latest FCC class B – [EMI conducted]**

Test frequencies were swept from 150 kHz to 30MHz in accordance with FCC 15.107. The tables below list the worst-case quasi-peak and average detector values for Line and Neutral.

EUT Name: SRX2200 H99QDD9PW5AN with Battery - NNTN8182A  
 Serial Number: CAI110RF5D  
 FCC ID: AZ489FT4892  
 Test Description: A/C Power Line Conducted Emissions  
 Operating Conditions: Room temp  
 Operator Name: Curt Mc Lennan  
 Comment: Charger – NNTN7079A Power Supply – 2571886T01

**Hardware Setup: EMI conducted\Hardware Setup latest FCC class B - 3816 LISN - [EMI conducted]**

Subrange 1  
 Frequency Range: 150 kHz - 30 MHz  
 Receiver: ESIB 40 [ESIB 40]  
 @ GPIB0 (ADR 29), SN 100308/040, FW 4.35  
 Signal Path: Cable 88  
 FW 1.0  
 Correction Table: Cable 88 - Cal 3\_10  
 LISN: 3816 LISN  
 Correction Table (Line 0): 2-Line-LISN EMCO 3816 Line N  
 Correction Table (Line 1): 2-Line-LISN EMCO 3816 Line 1

**Scan Setup: EMI Conducted Scan latest FCC Peak det - 3816 LISN [EMI conducted]**

Hardware Setup: Hardware Setup latest FCC class B - 3816 LISN  
 Level Unit: dBµV

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
150 kHz - 30 MHz	MaxPeak	9 kHz	0.001 s	ESIB 40

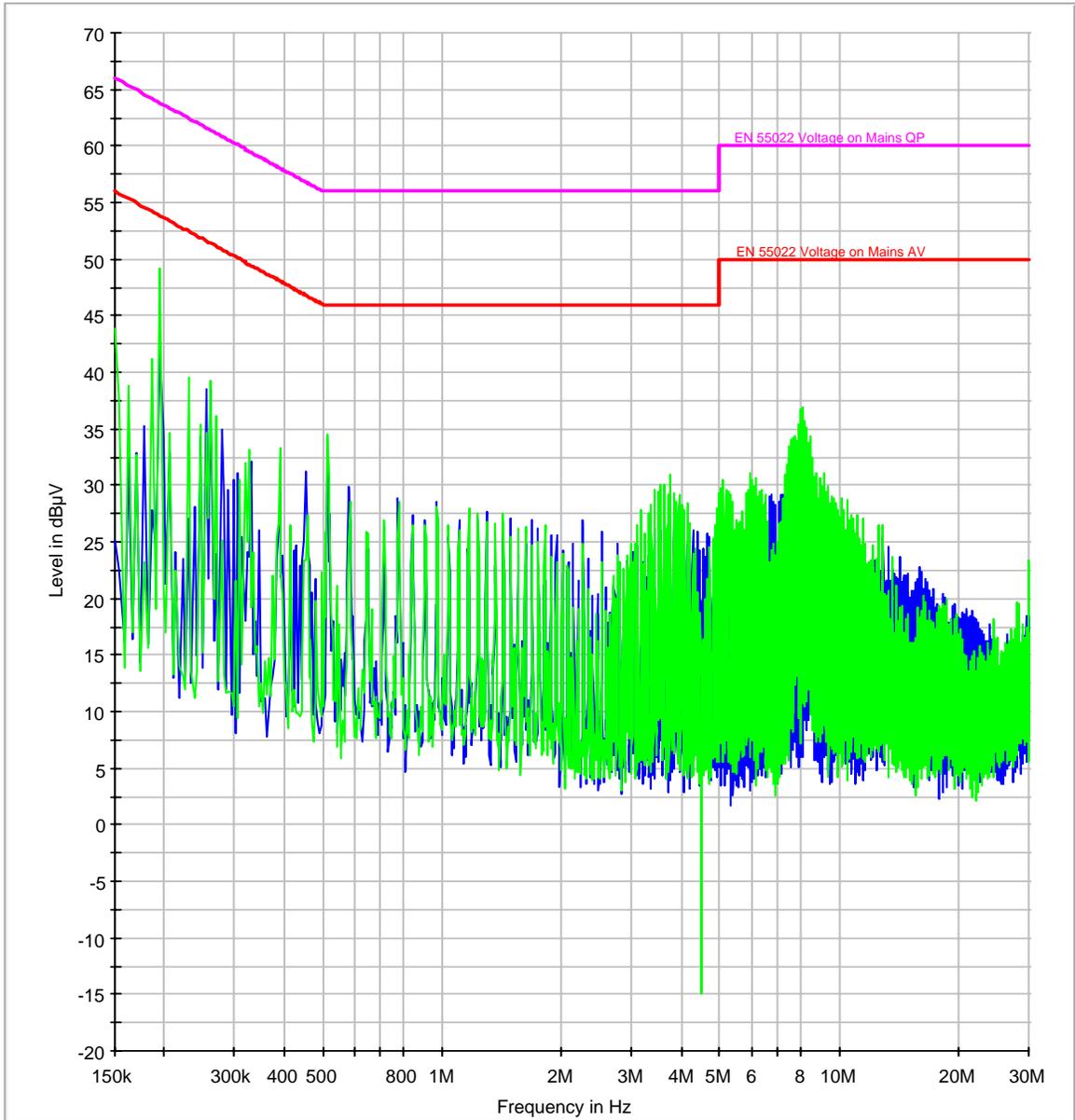
Mode: **Receive**: 424.975 MHz**Result Table Single RX 424.975 MHz**

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.150000	42.1	21.9	9000.000	FLO	L1
0.194000	48.3	38.7	9000.000	FLO	L1
0.514000	30.2	20.2	9000.000	FLO	L1
3.758000	19.2	15.0	9000.000	FLO	L1
4.986000	20.0	13.9	9000.000	FLO	L1
8.098000	20.0	12.9	9000.000	FLO	L1
0.150000	41.6	15.8	9000.000	FLO	N
0.194000	47.7	37.4	9000.000	FLO	N
0.514000	30.1	25.0	9000.000	FLO	N
3.758000	24.6	20.1	9000.000	FLO	N
4.986000	26.2	22.0	9000.000	FLO	N
8.098000	23.9	13.5	9000.000	FLO	N

**Limits RX 424.975 MHz**

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<b>&lt;= 500kHz</b>							
150000	42.10	66.00	23.90	21.90	56.00	34.10	L1
194000	48.30	64.74	16.44	38.70	54.74	16.04	L1
150000	41.60	66.00	24.40	15.80	56.00	40.20	N
194000	47.70	64.74	17.04	37.40	54.74	17.34	N
<b>500kHz - 5MHz</b>	<b>QP Value</b>	<b>QP Limit</b>	<b>QP Margin</b>	<b>Avr Value</b>	<b>Avr Limit</b>	<b>Avr Margin</b>	<b>Ph</b>
514000	30.20	56.00	25.80	20.20	46.00	25.80	L1
3758000	19.20	56.00	36.80	15.00	46.00	31.00	L1
4986000	20.00	56.00	36.00	13.90	46.00	32.10	L1
514000	30.10	56.00	25.90	25.00	46.00	21.00	N
3758000	24.60	56.00	31.40	20.10	46.00	25.90	N
4986000	26.20	56.00	29.80	22.00	46.00	24.00	N
<b>5MHz - 30MHz</b>	<b>QP Value</b>	<b>QP Limit</b>	<b>QP Margin</b>	<b>Avr Value</b>	<b>Avr Limit</b>	<b>Avr Margin</b>	<b>Ph</b>
8098000	20.0000	60.0000	40.0000	12.9000	50.0000	37.1000	L1
8098000	23.9000	60.0000	36.1000	13.5000	50.0000	36.5000	N

**EMI Conducted Scan latest FCC Peak det - 3816 LISN**  
**Auto Merge Results N – Green L – Blue**  
**RX 424.975 MHz**



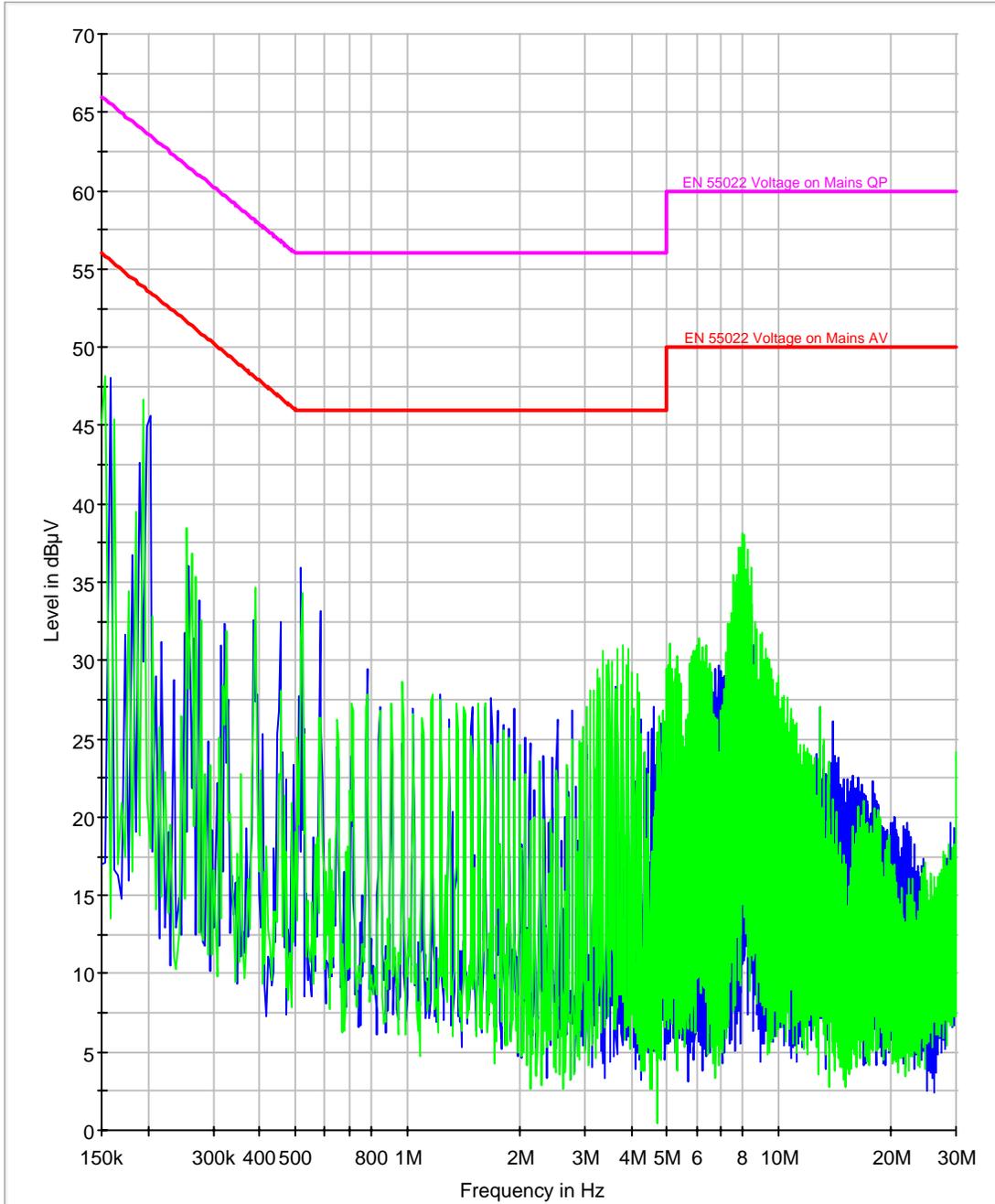
Mode: **Transmit**: 424.925 MHz**Result Table\_Single TX 424.925 MHz**

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Bandwidth (Hz)	PE	Line
0.158000	40.5	14.3	9000.000	FLO	L1
0.194000	47.2	38.2	9000.000	FLO	L1
0.254000	31.9	21.9	9000.000	FLO	L1
0.518000	32.2	23.3	9000.000	FLO	L1
3.818000	26.4	22.0	9000.000	FLO	L1
8.026000	30.3	24.8	9000.000	FLO	L1
0.158000	39.0	14.2	9000.000	FLO	N
0.194000	46.5	36.9	9000.000	FLO	N
0.254000	31.3	23.4	9000.000	FLO	N
0.518000	34.3	30.4	9000.000	FLO	N
3.818000	29.0	27.4	9000.000	FLO	N
8.026000	34.6	27.4	9000.000	FLO	N

**Limits TX 424.925 MHz**

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
158000	40.50	65.77	25.27	14.30	55.77	41.47	L1
194000	47.20	64.74	17.54	38.20	54.74	16.54	L1
254000	31.90	63.01	31.11	21.90	53.01	31.11	L1
158000	39.00	65.77	26.77	14.20	55.77	41.57	N
194000	46.50	64.74	18.24	36.90	54.74	17.84	N
254000	31.30	63.01	31.71	23.40	53.01	29.61	N
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
518000	32.20	56.00	23.80	23.30	46.00	22.70	L1
3818000	26.40	56.00	29.60	22.00	46.00	24.00	L1
518000	34.30	56.00	21.70	30.40	46.00	15.60	N
3818000	29.00	56.00	27.00	27.40	46.00	18.60	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
8026000	30.3000	60.0000	29.7000	24.8000	50.0000	25.2000	L1
8026000	34.6000	60.0000	25.4000	27.4000	50.0000	22.6000	N

# Auto Merge Results N – Green L – Blue TX 424.925 MHz



Frequency Stability

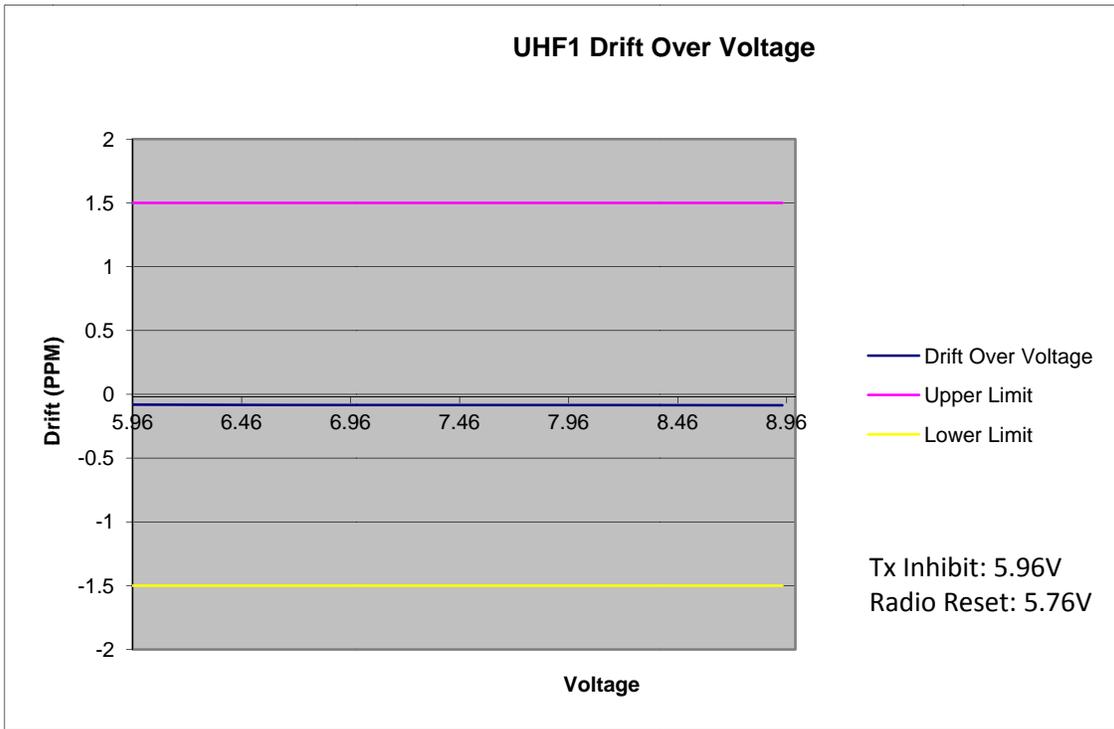


Exhibit 6I-1

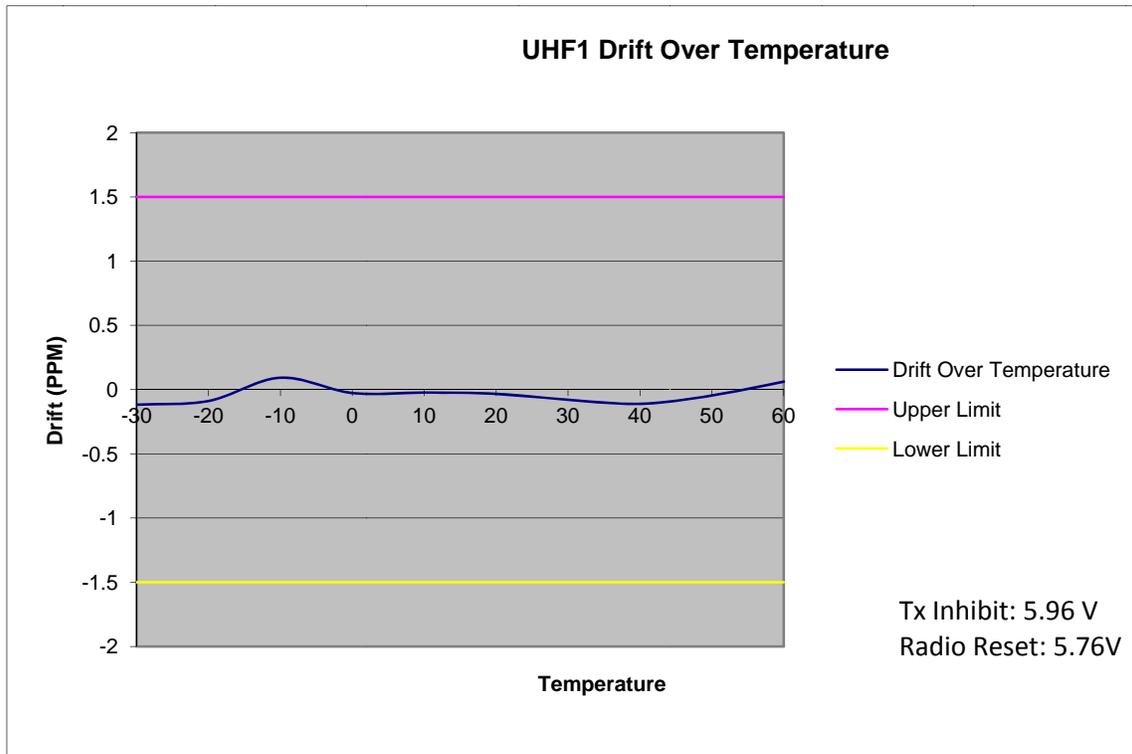


Exhibit 6I-2

**Transient Frequency Behavior**

TX 424.925MHz – 12.5kHz Channel Spacing – Transmitter On

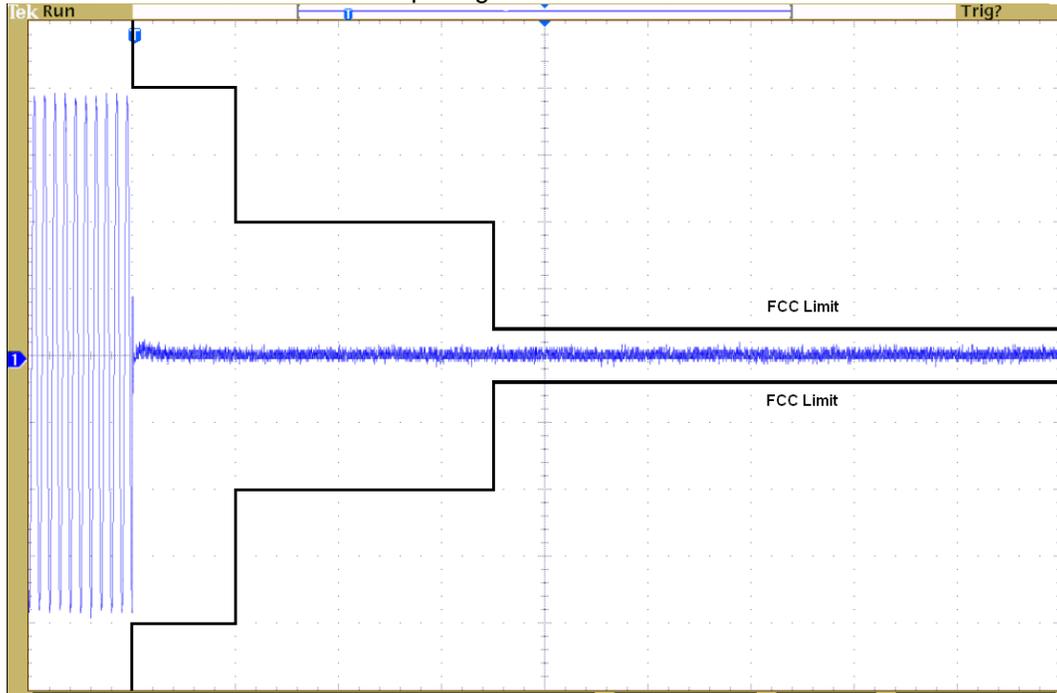


Exhibit 6J-1

TX 424.925MHz – 12.5kHz Channel Spacing – Transmitter Off

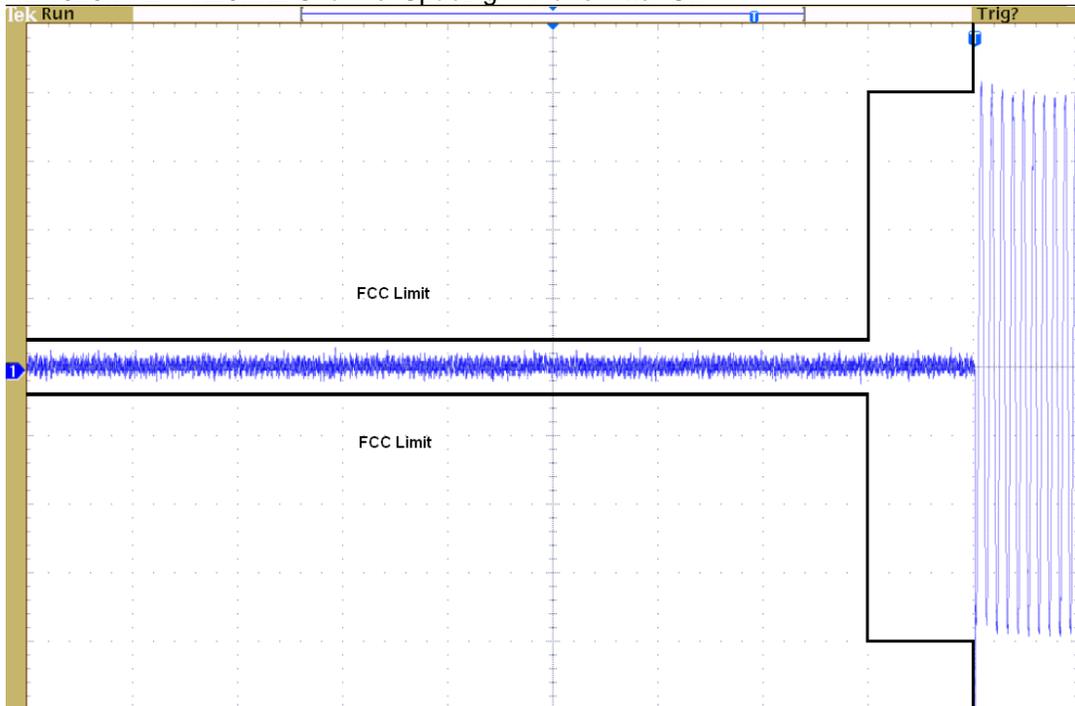


Exhibit 6J-2