

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

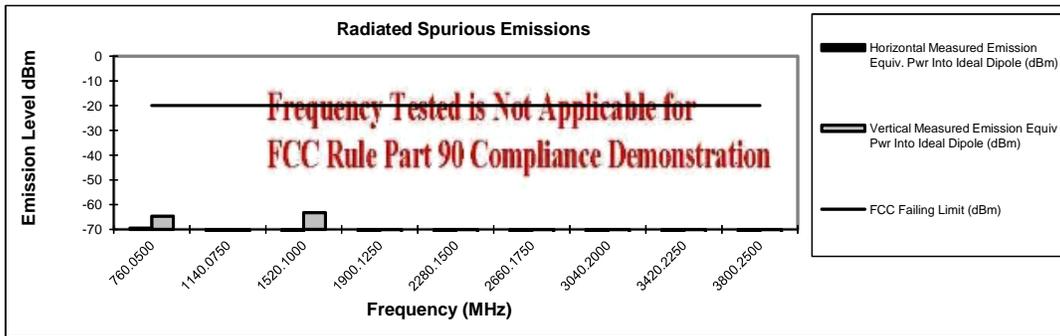
Transmit Radiated Spurious Emissions: SRX2200 H99QDD9PW5AN

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	*	*



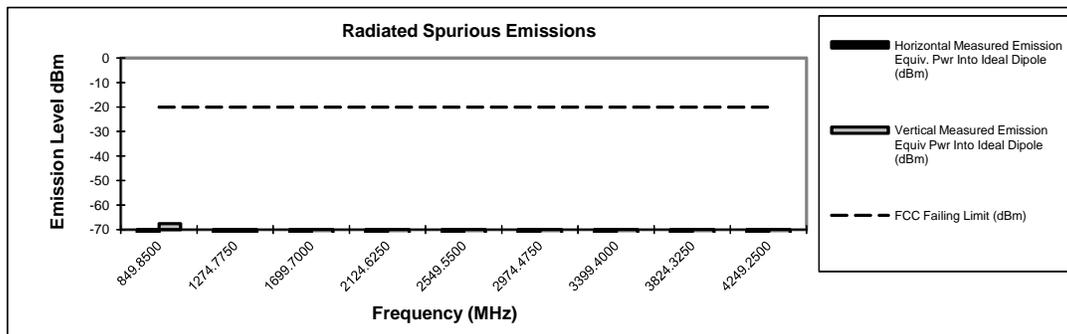
Transmit Radiated Spurious Emissions: SRX2200 H99QDD9PW5AN

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

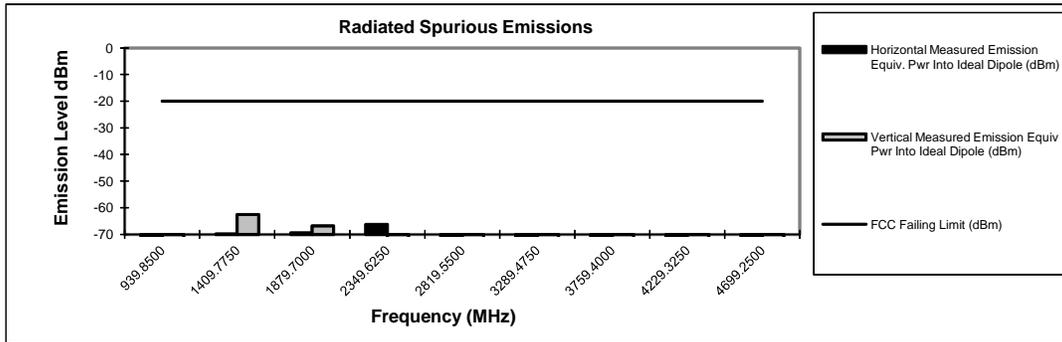
Transmit Radiated Spurious Emissions: SRX2200 H99QDD9PW5AN

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.

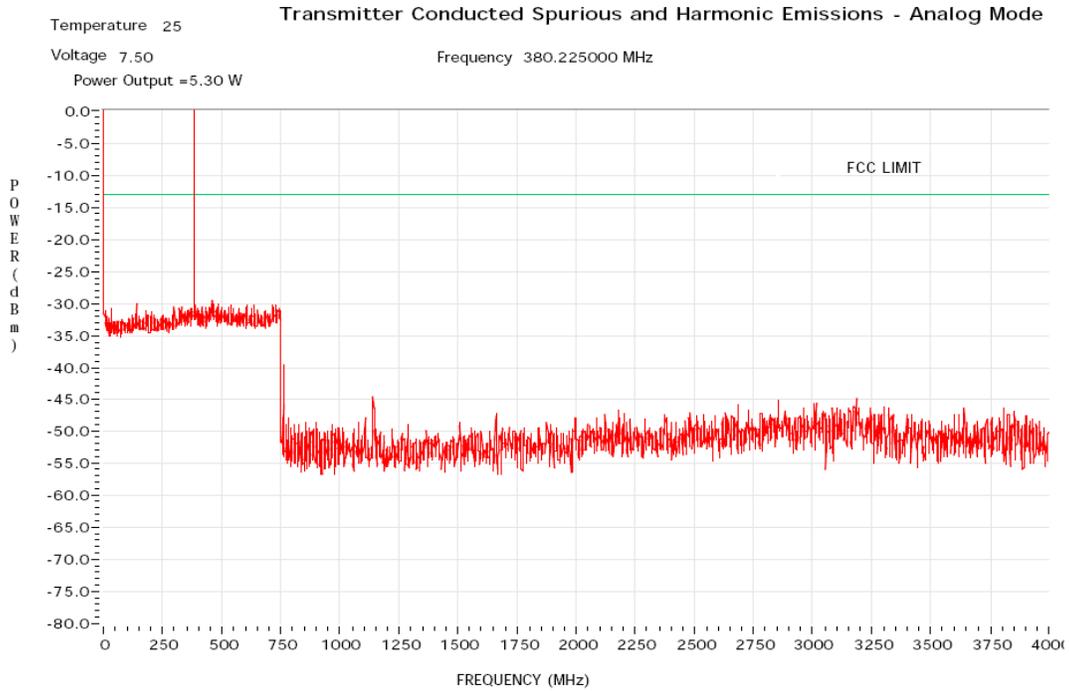


Exhibit 6G-1

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.

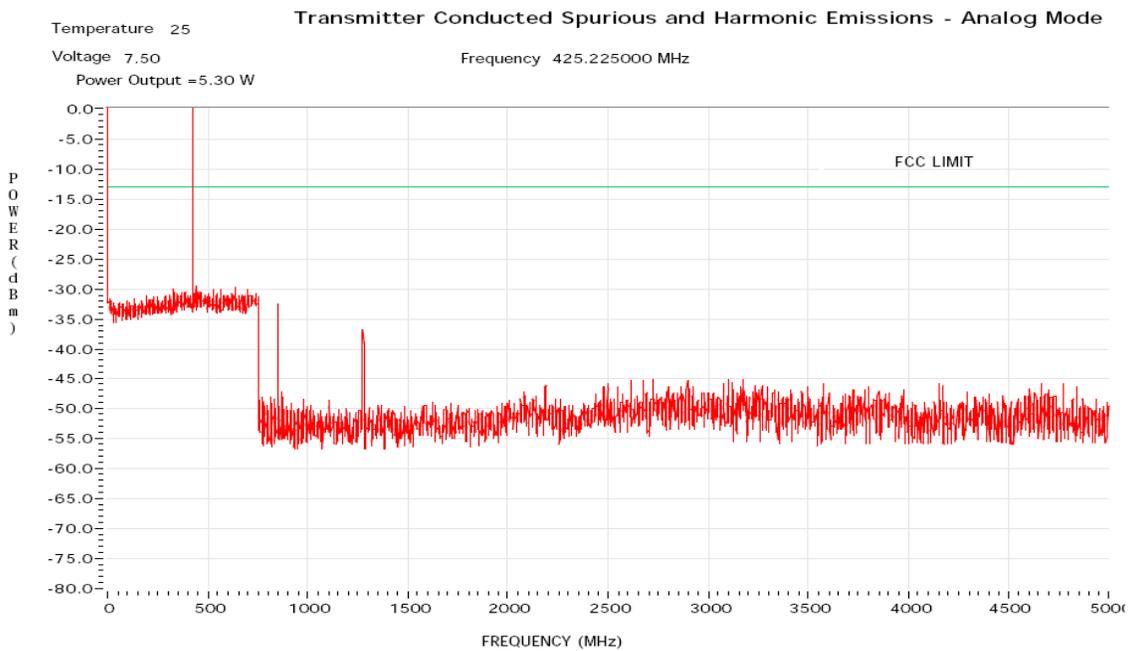


Exhibit 6G-2

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.

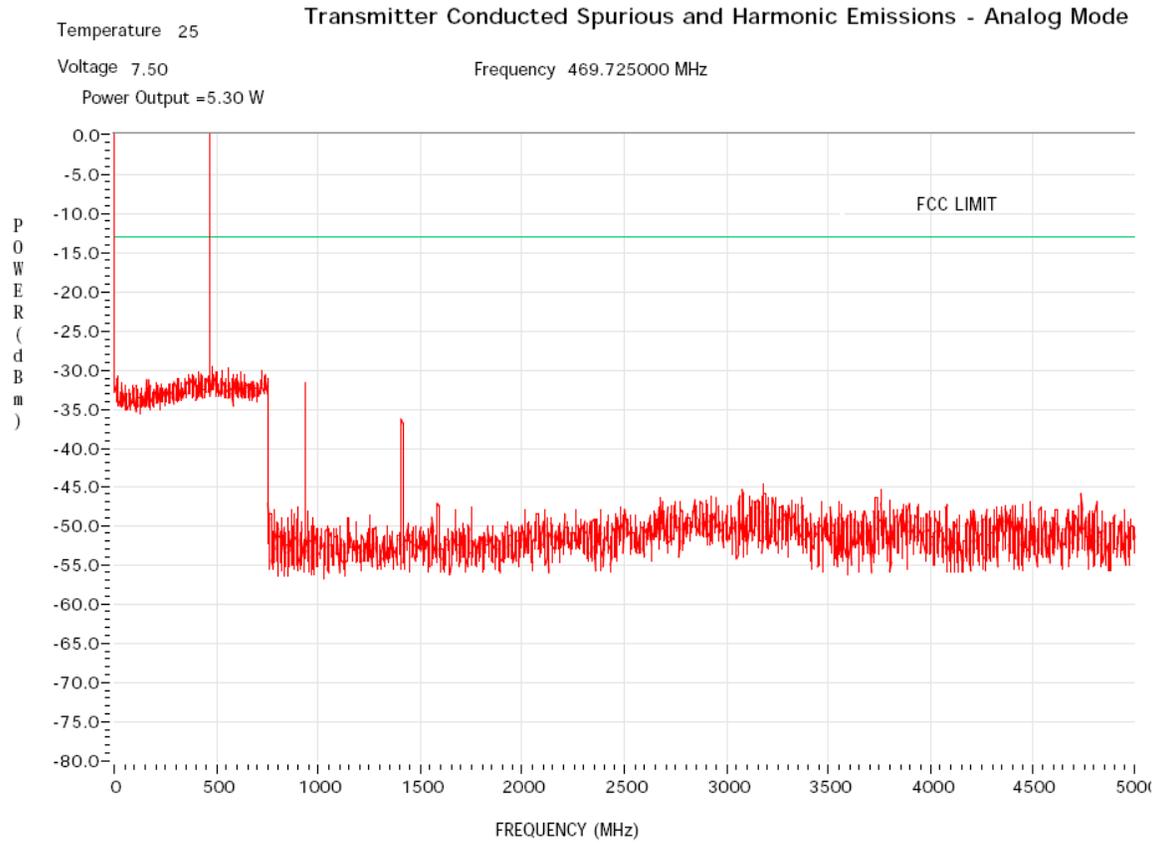


Exhibit 6G-3

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

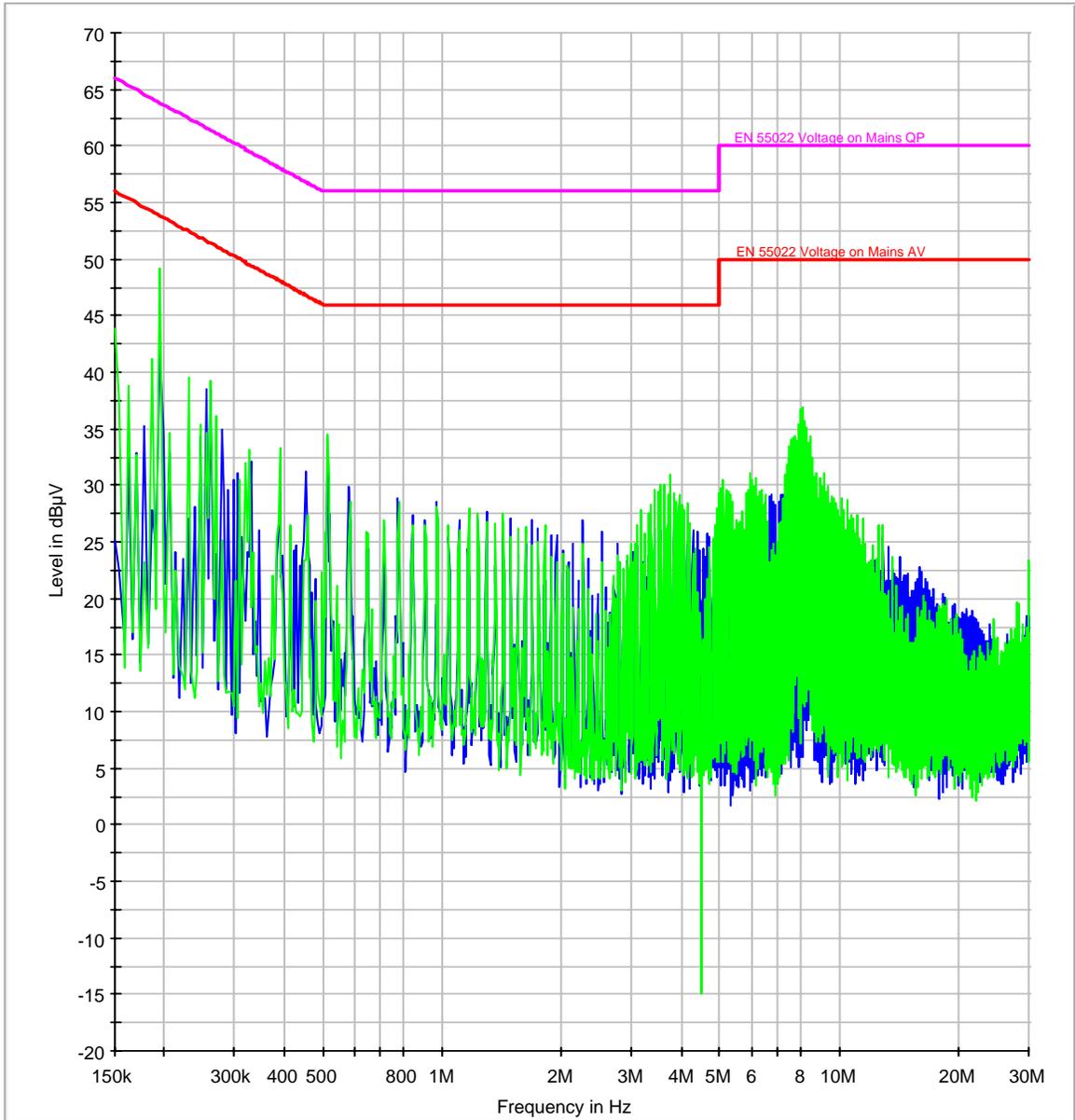
Mode: **Receive**: 424.975 MHz**Result Table Single RX 424.975 MHz**

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							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
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
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
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
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
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



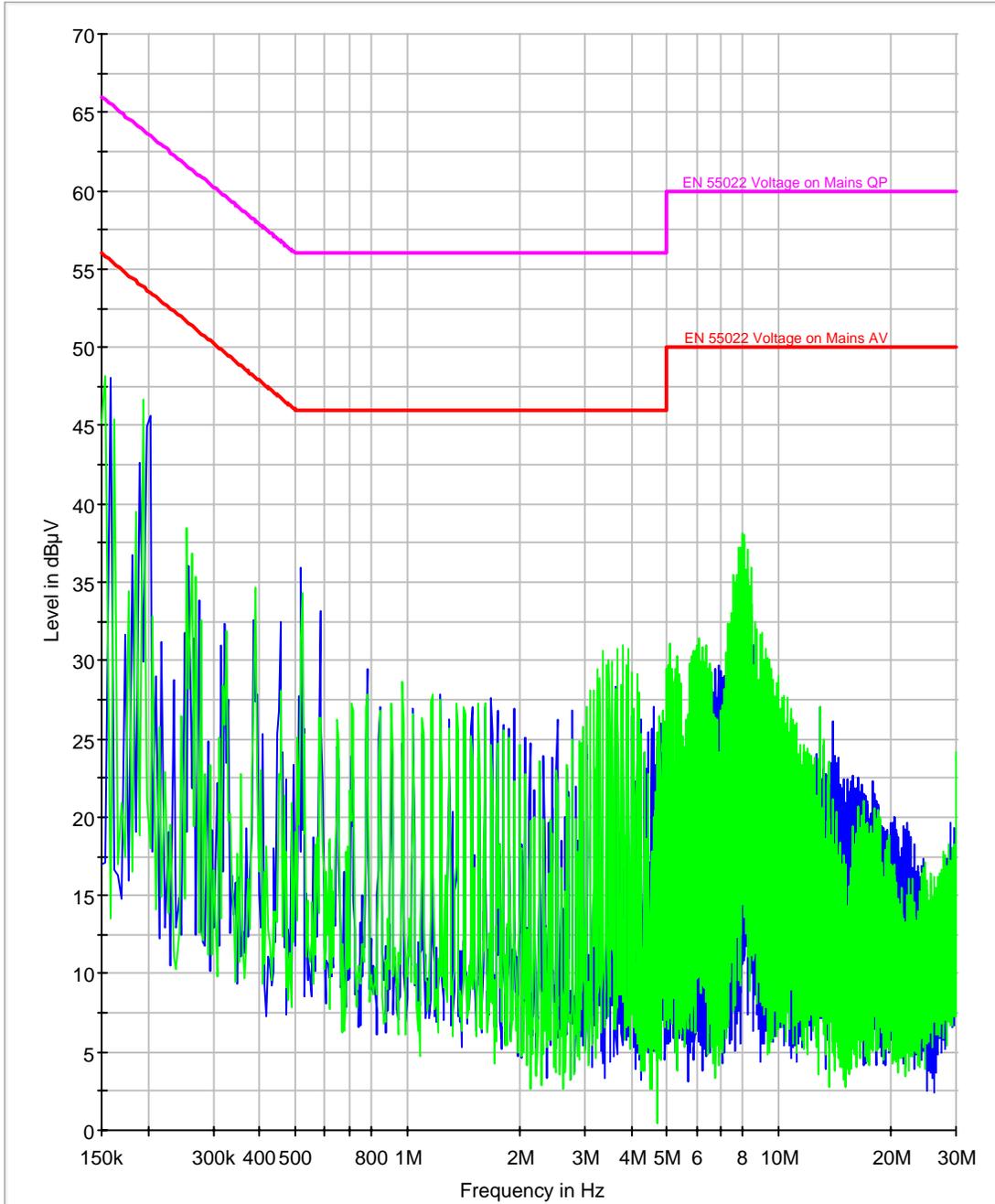
Mode: **Transmit**: 424.925 MHz**Result Table_Single TX 424.925 MHz**

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

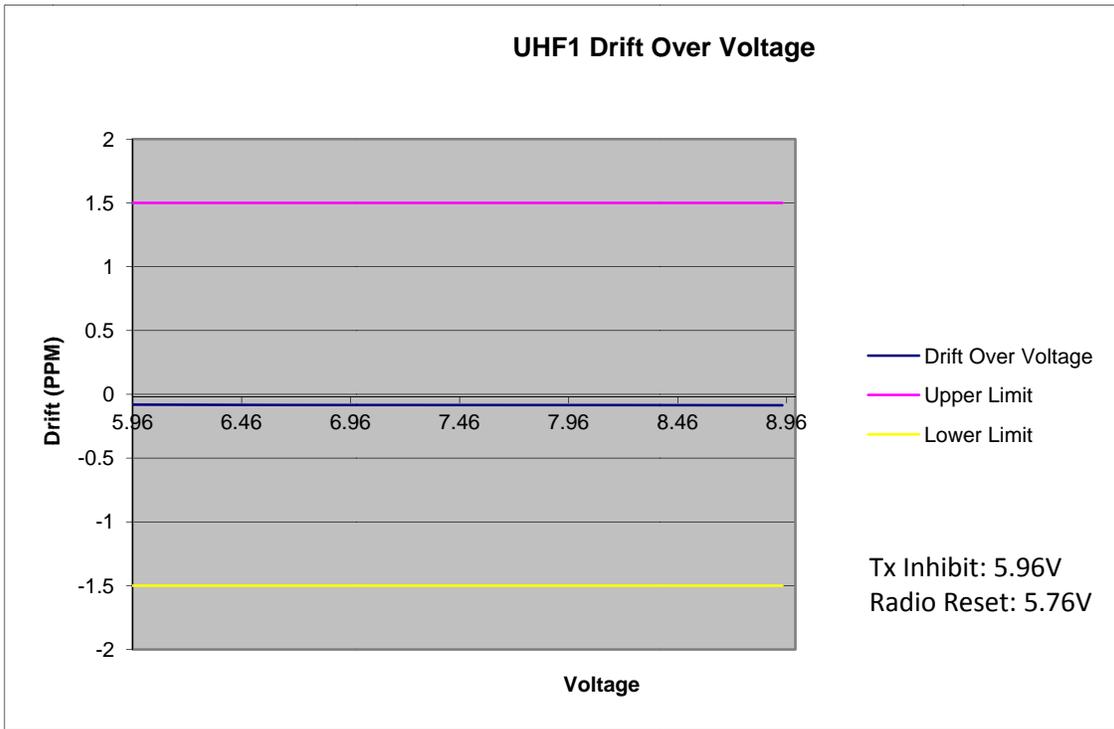


Exhibit 6I-1

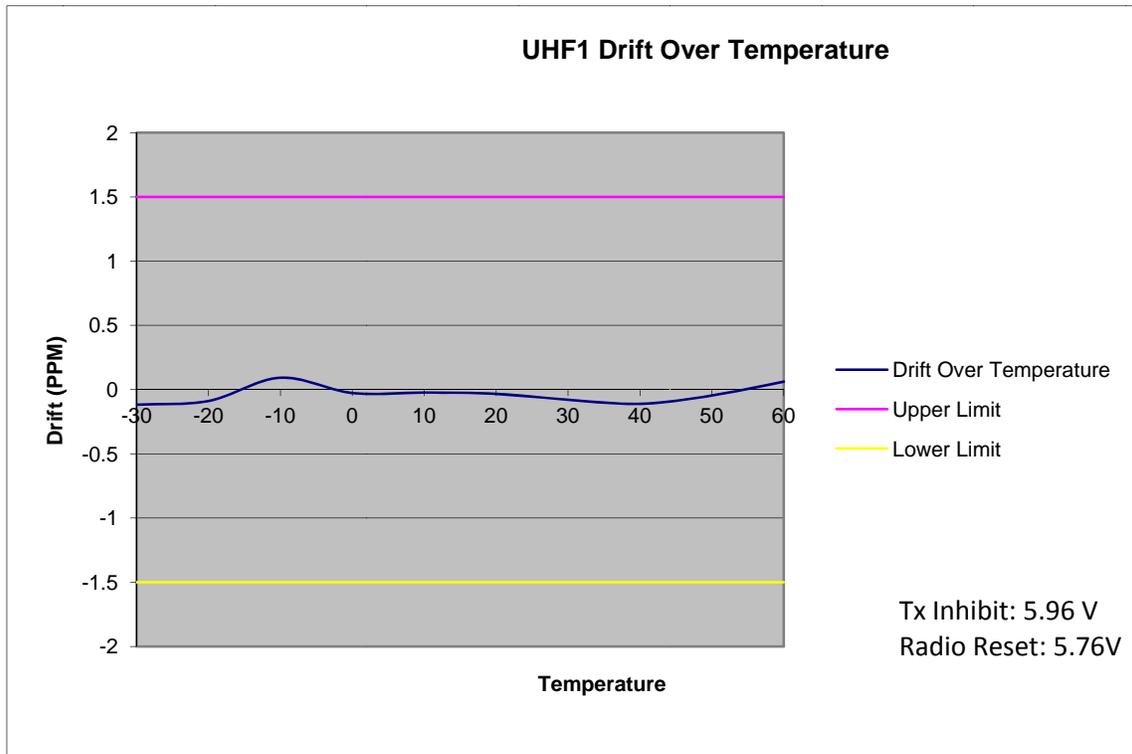


Exhibit 6I-2

Transient Frequency Behavior

TX 424.925MHz – 12.5kHz Channel Spacing – Transmitter On

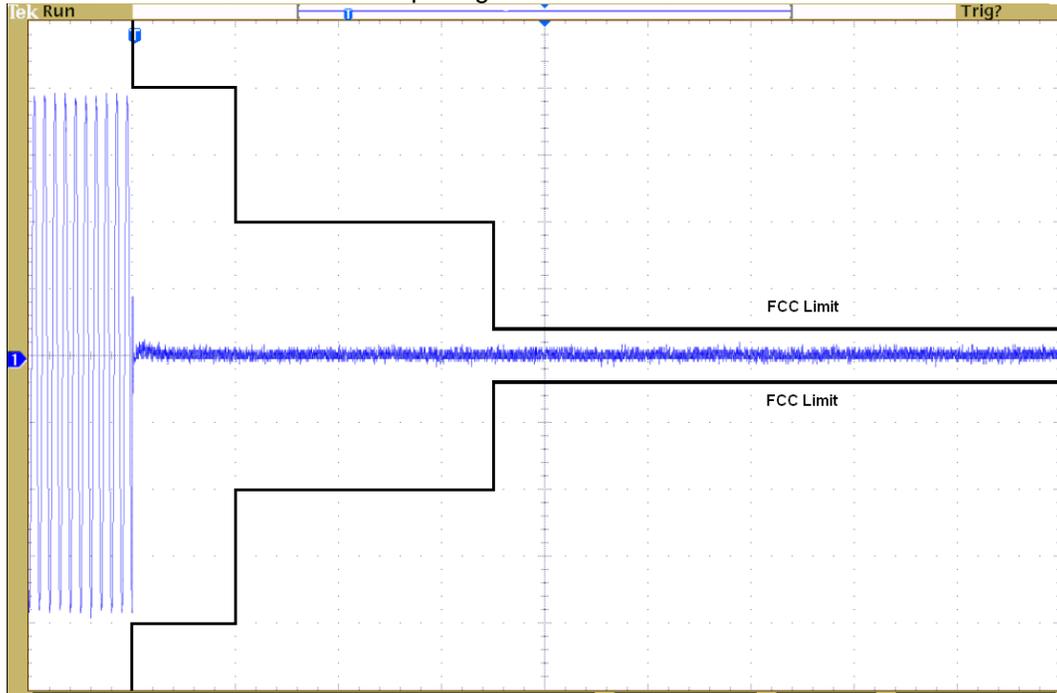


Exhibit 6J-1

TX 424.925MHz – 12.5kHz Channel Spacing – Transmitter Off

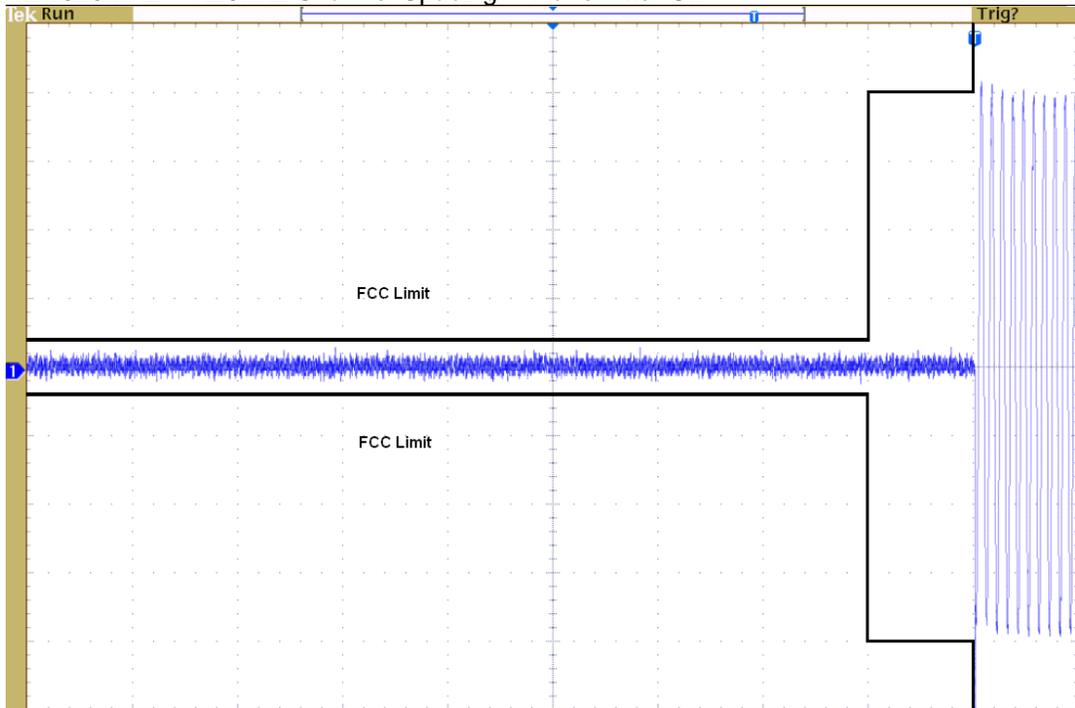


Exhibit 6J-2