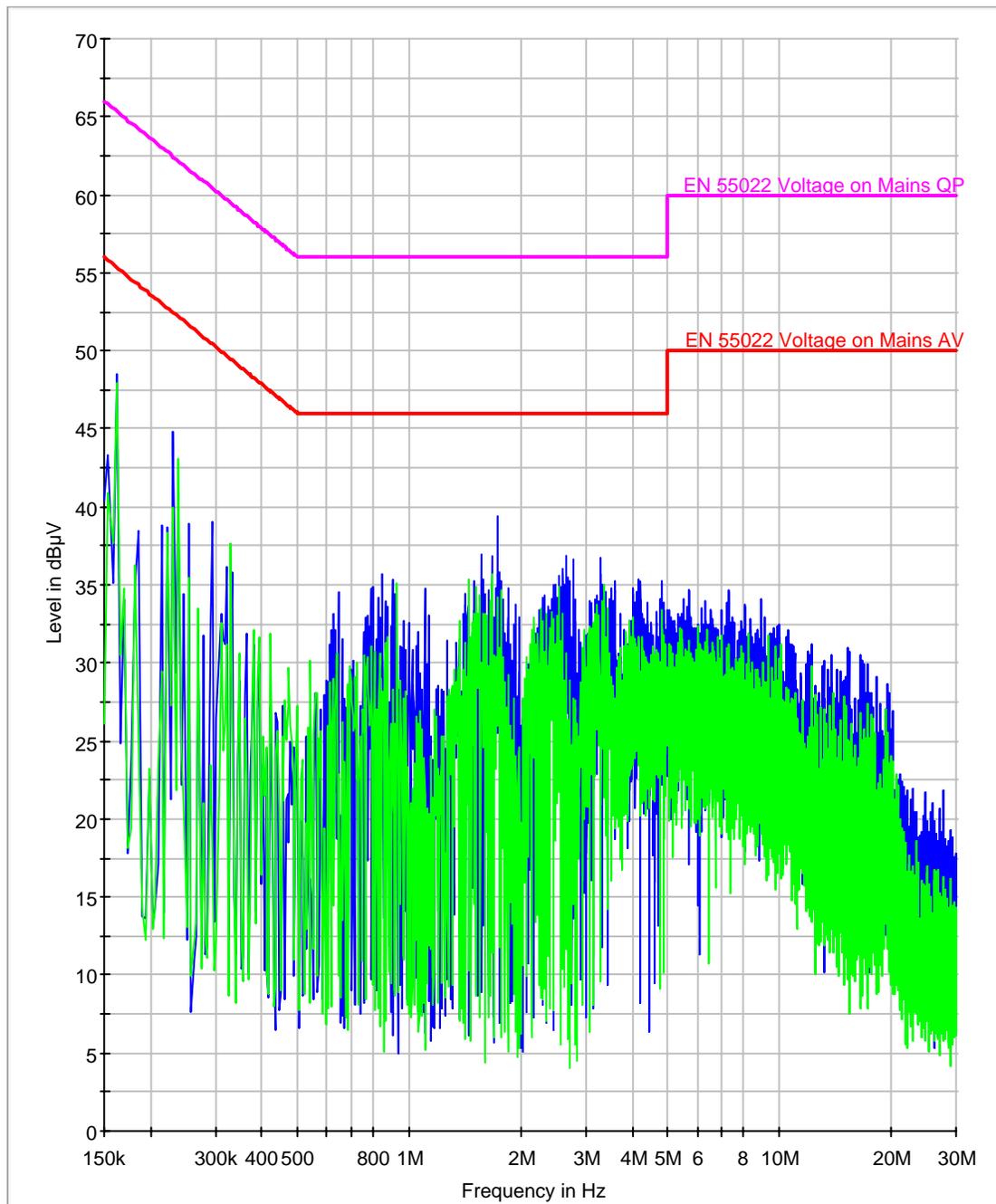


6a.4 Power Line Conducted Spurious Voltage -- Pursuant 47 CFR 15.207Conducted voltage limits:

-Per 47 CFR 15.207

This radio product can transmit in 800-900 MHz Band while resting in a battery charger that is connected to the AC power line. Each figure contains two measurement traces in addition to the two applicable limit lines (black traces), the higher being applicable to measurements utilizing a quasi-peak detector and the lower being applicable to measurements utilizing an average detector. The upper data trace (light blue) portrays the amplitude of the voltage measured during sweeping with a peak detector while the lower trace (light green) represents the amplitude of the voltage measured using an average detector. These detectors facilitated the measurement process. Measurements with a quasi-peak detector lie between these bounds.



**Figure 6a- 4.1: Phase Line Voltage with a Peak and Average Detector
(Radio in transmit mode at 806.0625 MHz) N (Green) L1 (Blue)**

Tx Freq 806.0625 MHz Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.154000	47.1	32.1	9000.000	GND	L1
0.162000	46.8	32.9	9000.000	GND	L1
0.230000	41.4	27.5	9000.000	GND	L1
0.238000	42.9	29.0	9000.000	GND	L1
0.254000	36.5	15.8	9000.000	GND	L1
0.294000	35.7	18.7	9000.000	GND	L1
0.154000	47.1	33.1	9000.000	GND	N
0.162000	47.1	33.5	9000.000	GND	N
0.230000	39.1	22.6	9000.000	GND	N
0.238000	41.4	23.2	9000.000	GND	N
0.254000	33.8	14.5	9000.000	GND	N
0.294000	32.5	16.6	9000.000	GND	N

Limits Tx Freq 806.0625 MHz

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
154000	47.10	65.89	18.79	32.10	55.89	23.79	L1
162000	46.80	65.66	18.86	32.90	55.66	22.76	L1
230000	41.40	63.70	22.30	27.50	53.70	26.20	L1
238000	42.90	63.47	20.57	29.00	53.47	24.47	L1
254000	36.50	63.01	26.51	15.80	53.01	37.21	L1
294000	35.70	61.86	26.16	18.70	51.86	33.16	L1
154000	47.10	65.89	18.79	33.10	55.89	22.79	N
162000	47.10	65.66	18.56	33.50	55.66	22.16	N
230000	39.10	63.70	24.60	22.60	53.70	31.10	N
238000	41.40	63.47	22.07	23.20	53.47	30.27	N
254000	33.80	63.01	29.21	14.50	53.01	38.51	N
294000	32.50	61.86	29.36	16.60	51.86	35.26	N

Table 6a-4.2: Line Voltage Data- Quasi-Peak and Average (Radio in transmit mode at 806.0625 MHz)