

**6a.4 Power Line Conducted Spurious Voltage -- Pursuant 47 CFR 15.207**Conducted 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.

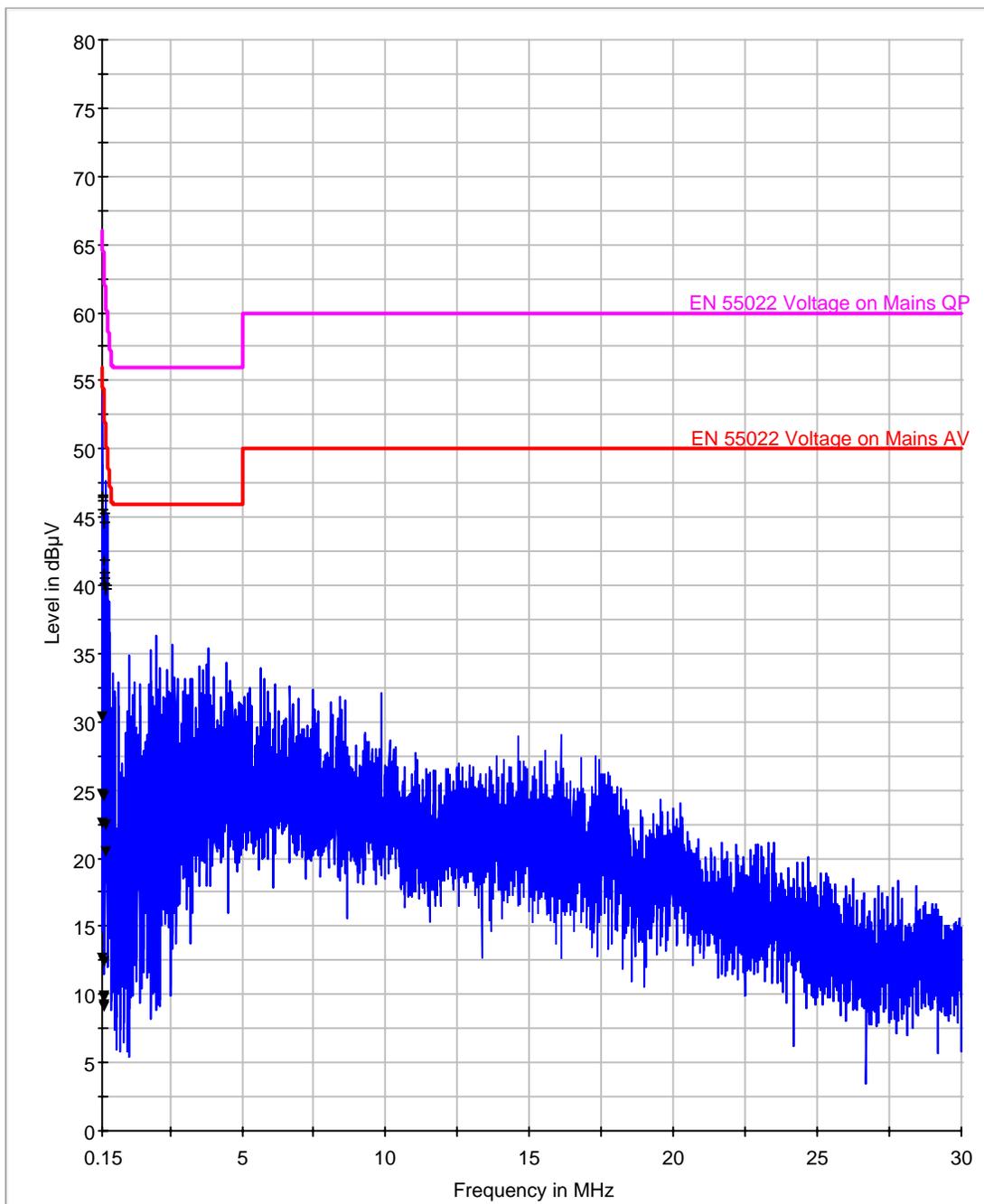
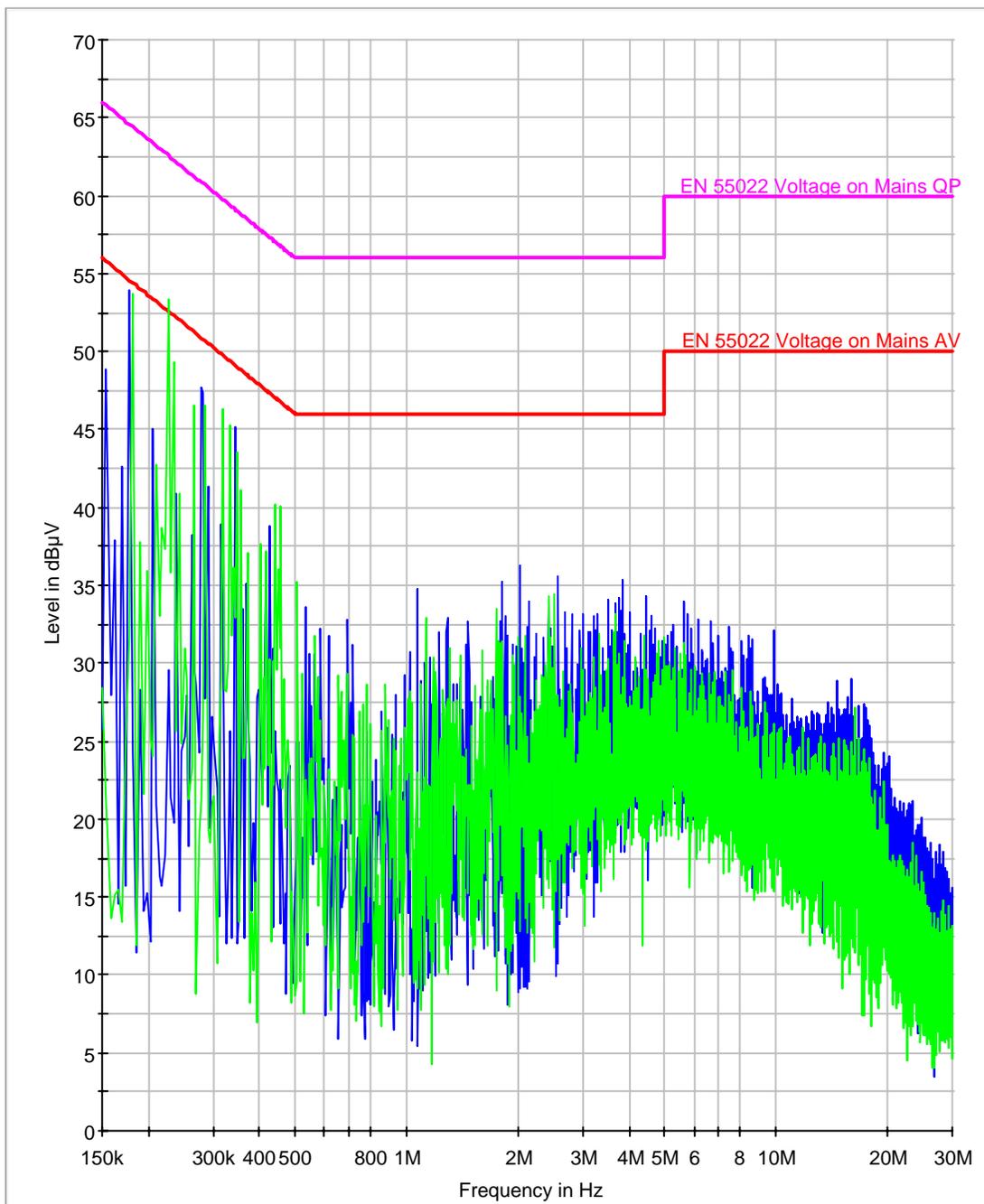


Figure 6a-90. Mains Voltage with Peak and AverageDetector



**Figure 6a-91: Phase Line Voltage with a Peak and Average Detector (Radio in transmit mode at 806.0625 MHz) N (Green) L1 (Blue)**

Frequency	All units are dB $\mu$ V						Ph
	QP Value	QP Limit	QP Margin	Avg Value	Avg Limit	Avg Margin	
<= 500kHz							
154000	46.20	65.89	19.69	24.70	55.89	31.19	L1
178000	46.60	65.20	18.60	12.70	55.20	42.50	L1
182000	44.60	65.08	20.48	24.50	55.08	30.58	L1
226000	41.80	63.82	22.02	9.90	53.82	43.92	L1
234000	40.60	63.59	22.99	9.20	53.59	44.39	L1
278000	40.10	62.32	22.22	22.40	52.32	29.92	L1
154000	46.40	65.89	19.49	30.40	55.89	25.49	N
178000	45.60	65.20	19.60	22.60	55.20	32.60	N
182000	45.20	65.08	19.88	12.40	55.08	42.68	N
226000	41.00	63.82	22.82	9.70	53.82	44.12	N
234000	40.10	63.59	23.49	9.20	53.59	44.39	N
278000	39.70	62.32	22.62	20.50	52.32	31.82	N

**Table 6a-15: Line Voltage Data- Quasi-Peak and Average  
(Radio in transmit mode at 806.0625 MHz)**