

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 and 900 MHz SMR bands 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.

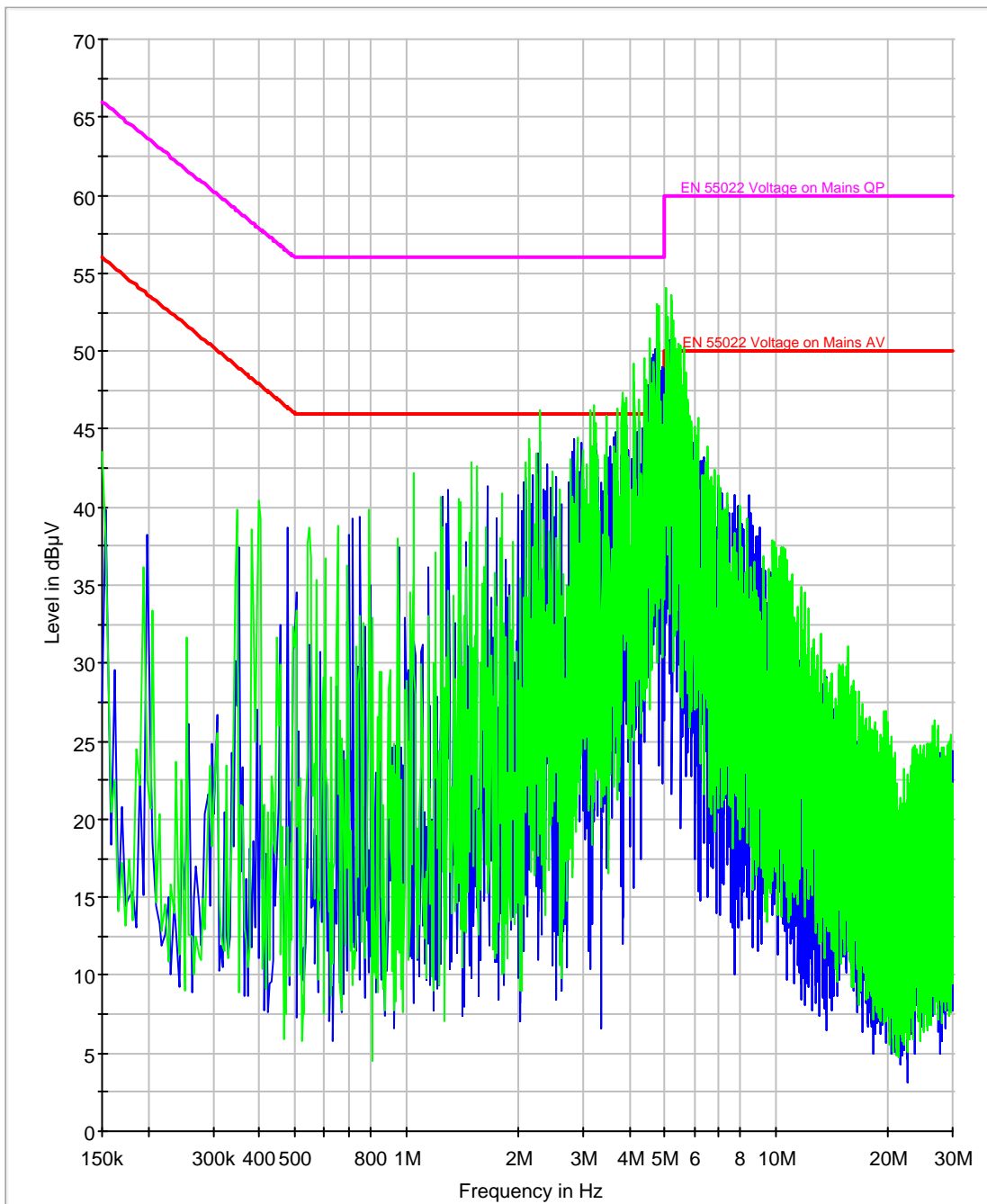


Figure 6a-4.1: iDEN 800 MHz SMR Band Phase Line and Neutral Line Voltage with a Peak and Average Detector N (Green) L1 (Blue)

500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
4126000	38.30	56.00	17.70	25.20	46.00	20.80	L1
4378000	41.60	56.00	14.40	26.60	46.00	19.40	L1
4534000	41.30	56.00	14.70	27.30	46.00	18.70	L1
4774000	46.00	56.00	10.00	34.90	46.00	11.10	L1
4126000	42.20	56.00	13.80	28.70	46.00	17.30	N
4378000	45.40	56.00	10.60	33.60	46.00	12.40	N
4534000	46.30	56.00	9.70	32.50	46.00	13.50	N
4774000	49.80	56.00	6.20	39.80	46.00	6.20	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
5026000	46.3000	60.0000	13.7000	34.8000	50.0000	15.2000	L1
5202000	45.0000	60.0000	15.0000	30.8000	50.0000	19.2000	L1
5026000	49.7000	60.0000	10.3000	39.6000	50.0000	10.4000	N
5202000	46.4000	60.0000	13.6000	33.1000	50.0000	16.9000	N

Table 6a-4.1: Line Voltage Data- Quasi-Peak and Average (806.0625)

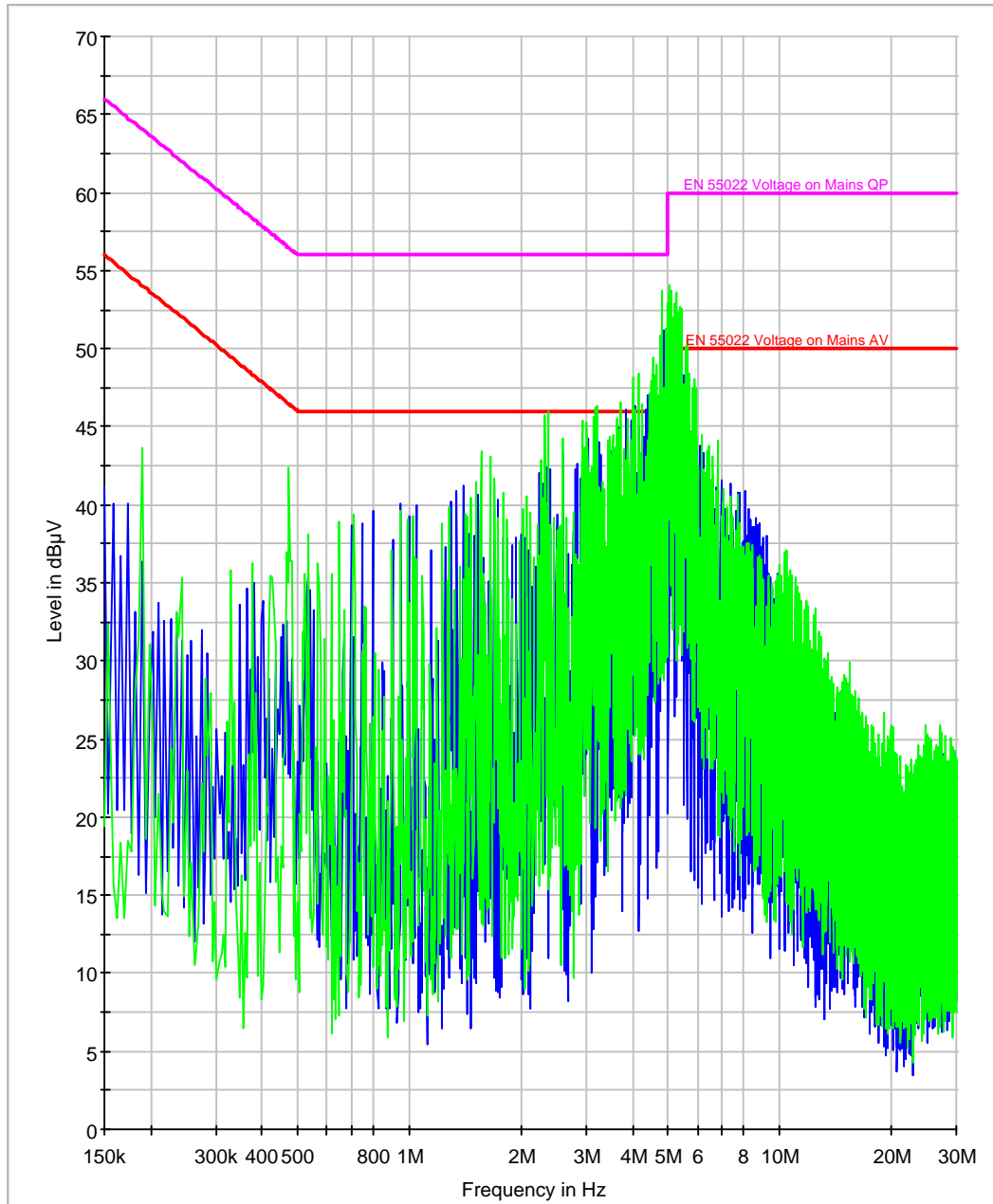


Figure 6a-4.2: iDEN 900 MHz SMR / NBPCS Phase Line and Neutral Line Voltage with a Peak and Average Detector N (Green) L1 (Blue).

500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
4002000	35.20	56.00	20.80	22.90	46.00	23.10	L1
4146000	34.10	56.00	21.90	23.00	46.00	23.00	L1
4570000	39.70	56.00	16.30	28.40	46.00	17.60	L1
4810000	41.60	56.00	14.40	29.60	46.00	16.40	L1
4002000	38.40	56.00	17.60	25.90	46.00	20.10	N
4146000	39.80	56.00	16.20	28.50	46.00	17.50	N
4570000	45.70	56.00	10.30	33.30	46.00	12.70	N
4810000	44.40	56.00	11.60	33.10	46.00	12.90	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
5094000	45.2000	60.0000	14.8000	33.5000	50.0000	16.5000	L1
5282000	46.7000	60.0000	13.3000	35.4000	50.0000	14.6000	L1
5094000	48.7000	60.0000	11.3000	39.4000	50.0000	10.6000	N
5282000	47.1000	60.0000	12.9000	35.1000	50.0000	14.9000	N

Table 6a-4.2: Line Voltage Data- Quasi-Peak and Average (901.49375 MHz).