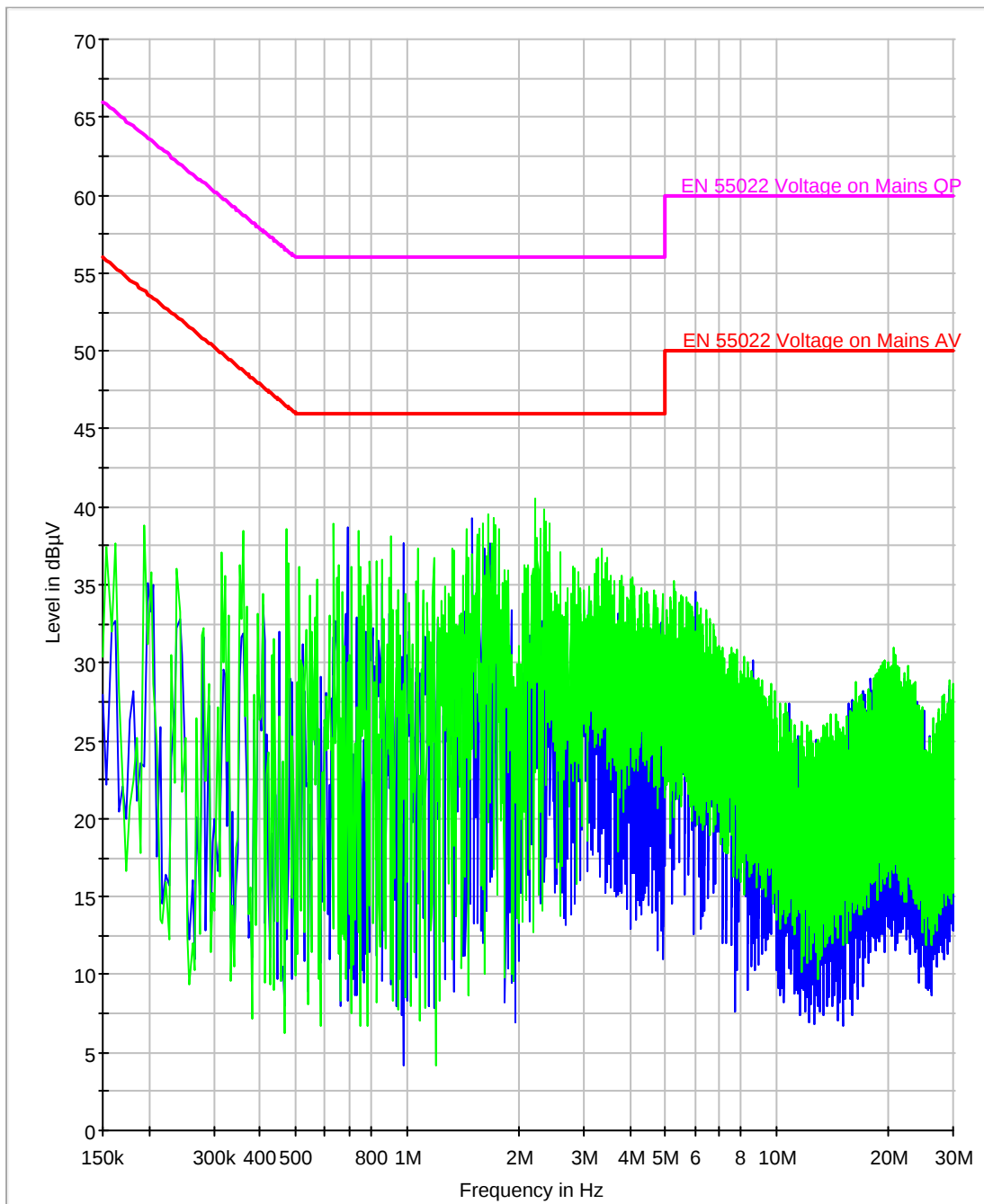


6c.6 Power Line Conducted Spurious VoltageConducted voltage limits:

This radio product can transmit in MOTotalk ISM 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 (pink and red 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.

ISM Rx 915.525

Result Table_Single Radio ISM Rx 915.525

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Bandwidth (Hz)	PE	Line
0.154000	31.1	24.5	9000.000	GND	L1
0.162000	31.8	28.5	9000.000	GND	L1
0.194000	32.5	26.5	9000.000	GND	L1
0.202000	35.7	31.3	9000.000	GND	L1
0.238000	31.7	27.1	9000.000	GND	L1
0.314000	27.3	21.3	9000.000	GND	L1
0.154000	36.9	28.4	9000.000	GND	N
0.162000	38.1	31.8	9000.000	GND	N
0.194000	39.0	31.8	9000.000	GND	N
0.202000	39.5	34.0	9000.000	GND	N
0.238000	35.4	30.1	9000.000	GND	N
0.314000	35.9	28.1	9000.000	GND	N

Limits Radio ISM Rx 915.525

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
154000	31.10	65.89	34.79	24.50	55.89	31.39	L1
162000	31.80	65.66	33.86	28.50	55.66	27.16	L1
194000	32.50	64.74	32.24	26.50	54.74	28.24	L1
202000	35.70	64.51	28.81	31.30	54.51	23.21	L1
238000	31.70	63.47	31.77	27.10	53.47	26.37	L1
314000	27.30	61.29	33.99	21.30	51.29	29.99	L1
154000	36.90	65.89	28.99	28.40	55.89	27.49	N
162000	38.10	65.66	27.56	31.80	55.66	23.86	N
194000	39.00	64.74	25.74	31.80	54.74	22.94	N
202000	39.50	64.51	25.01	34.00	54.51	20.51	N
238000	35.40	63.47	28.07	30.10	53.47	23.37	N
314000	35.90	61.29	25.39	28.10	51.29	23.19	N