

Conducted disturbance 150 kHz - 30 MHz

Common Information

Test Description: EN 50065-1
Operating Conditions: Test mode
Operator Name:

EUT Information

EUT Name: AM550E G3PLC
Order no. / Sample no.: N4713-17 / 7847/1
Connection: 230V, Im - 1A, 50Hz, MBus sonda, razmaknjen napetostni kabel za 10cm
Comment:

EMI Auto Test Template: Cond disturbance 150k-30M L1N

Hardware Setup: 1Phase CFL9206A K7
Measurement Type: 2 Line LISN
Frequency Range: 150 kHz - 30 MHz
Graphics Level Range: 0 dB μ V - 100 dB μ V

Preview Measurements:
LISN Lines: N, L1, PE Floating
Scan Test Template: 150kHz - 30MHz peak scan 1F CFL

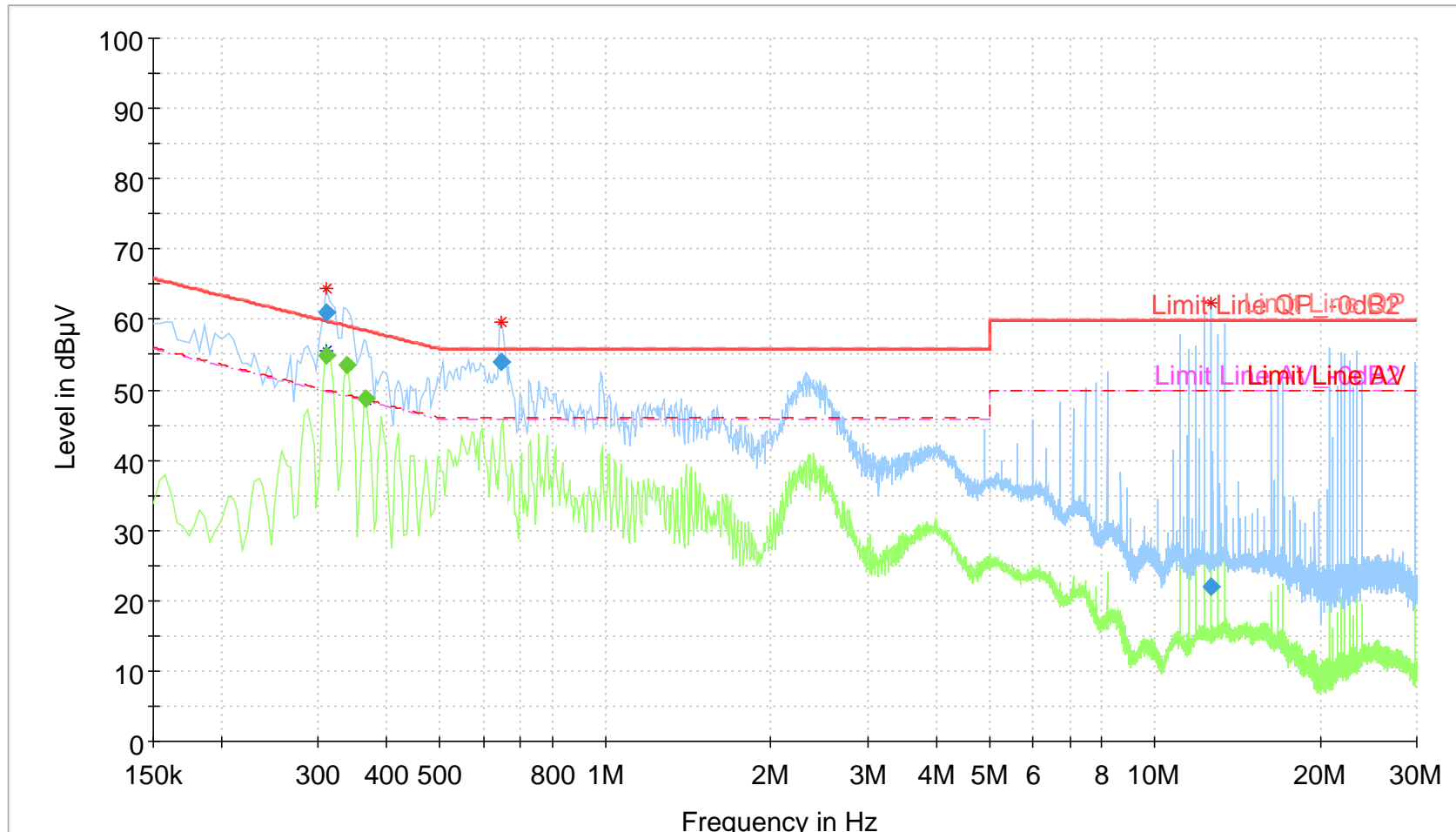
Maximization Measurements:
LISN Lines: N, L1, PE Floating
Template for Single Meas.: 150kHz - 30MHz AV & QP 1F CFL

Final Measurements:
Template for Single Meas.: 150kHz - 30MHz AV & QP 1F CFL

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
150 kHz - 30 MHz	4 kHz	QPK; AVG	9 kHz	1 s	0 dB
Receiver:	[ESU 8]				

Full Spectrum

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.310000	---	54.80	49.77	-5.03	1000.0	9.000	L1	FLO	10.1
0.310000	60.90	---	59.77	-1.13	1000.0	9.000	N	FLO	10.1
0.338000	---	53.43	49.05	-4.38	1000.0	9.000	L1	FLO	10.1
0.366000	---	48.67	48.39	-0.28	1000.0	9.000	L1	FLO	10.1
0.646000	53.94	---	55.80	1.86	1000.0	9.000	L1	FLO	10.1
12.658000	22.09	---	59.80	37.71	1000.0	9.000	N	FLO	10.5

(continuation of the "Final_Result" table from column 15 ...)

Frequency (MHz)	Comment
0.310000	11:14:33 - 16.8.2017
0.310000	11:14:01 - 16.8.2017
0.338000	11:14:45 - 16.8.2017
0.366000	11:15:00 - 16.8.2017
0.646000	11:13:41 - 16.8.2017
12.658000	11:14:21 - 16.8.2017