

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

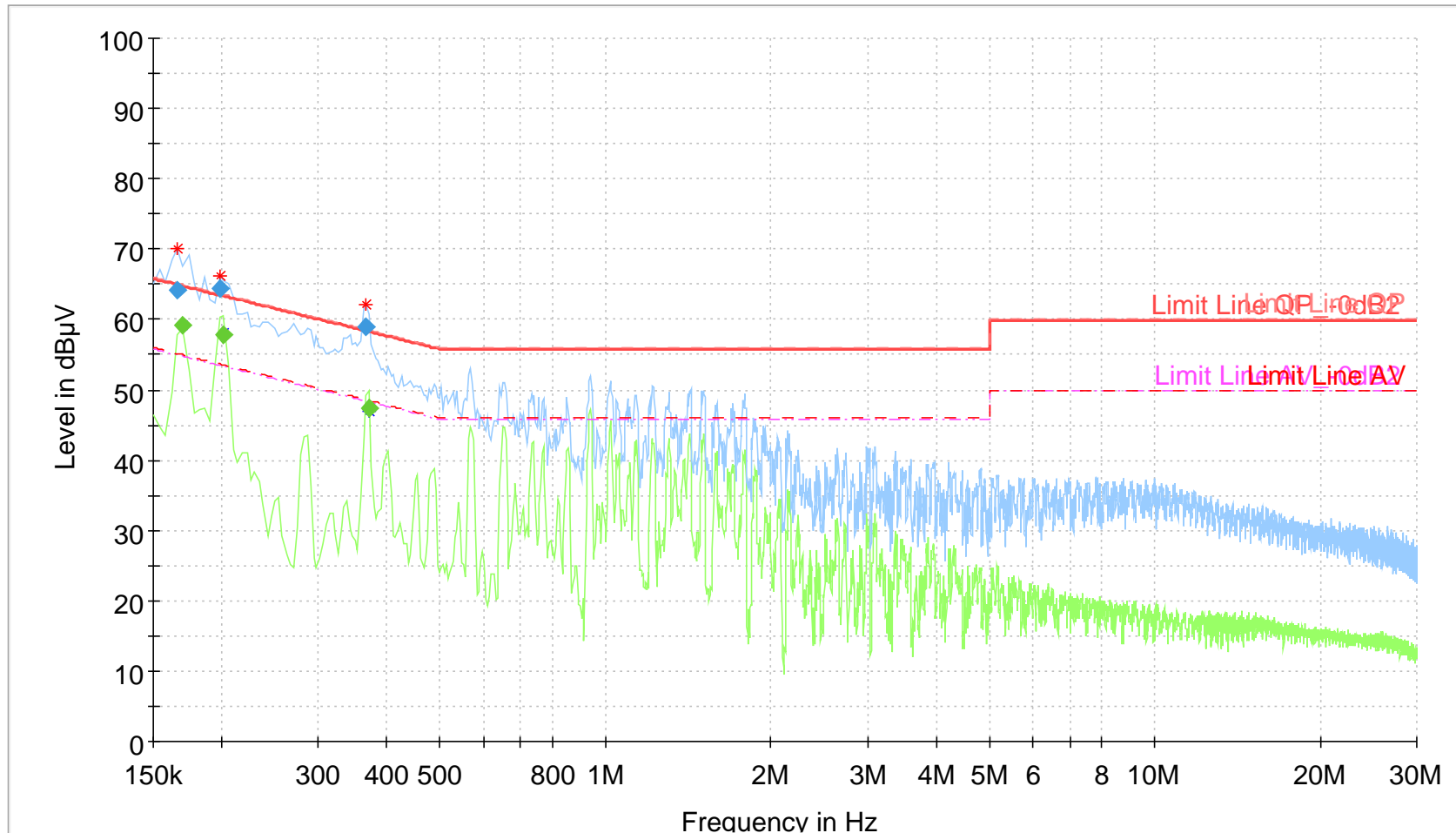
Maximization Measurements:
LISN Lines: N, L1, PE Floating
Template for Single Meas.: 150kHz - 30MHz AV & QP 1F CFL

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)
0.166000	64.21	---	64.96	0.75	1000.0	9.000	L1	FLO	10.1
0.170000	---	59.15	54.76	-4.39	1000.0	9.000	L1	FLO	10.1
0.198000	64.51	---	63.49	-1.02	1000.0	9.000	L1	FLO	10.1
0.202000	---	57.76	53.33	-4.43	1000.0	9.000	L1	FLO	10.1
0.366000	58.88	---	58.39	-0.49	1000.0	9.000	L1	FLO	10.1
0.370000	---	47.32	48.30	0.98	1000.0	9.000	L1	FLO	10.1

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

Frequency (MHz)	Comment
0.166000	9:46:09 - 16.8.2017
0.170000	9:47:00 - 16.8.2017
0.198000	9:46:28 - 16.8.2017
0.202000	9:47:12 - 16.8.2017
0.366000	9:46:48 - 16.8.2017
0.370000	9:47:33 - 16.8.2017