

Electronic Test and Calibration

EMC Measurement Test Report

Device Under Test: Energy Manager
 Manufacturer: Amelec Signal Conditioning
 Operating Conditions: Running
 Operator Name: MP
 Test Specification: EN55011
 Filename: D12569_28
 Comment: Vertical
 With Filter
 Removed metal plate

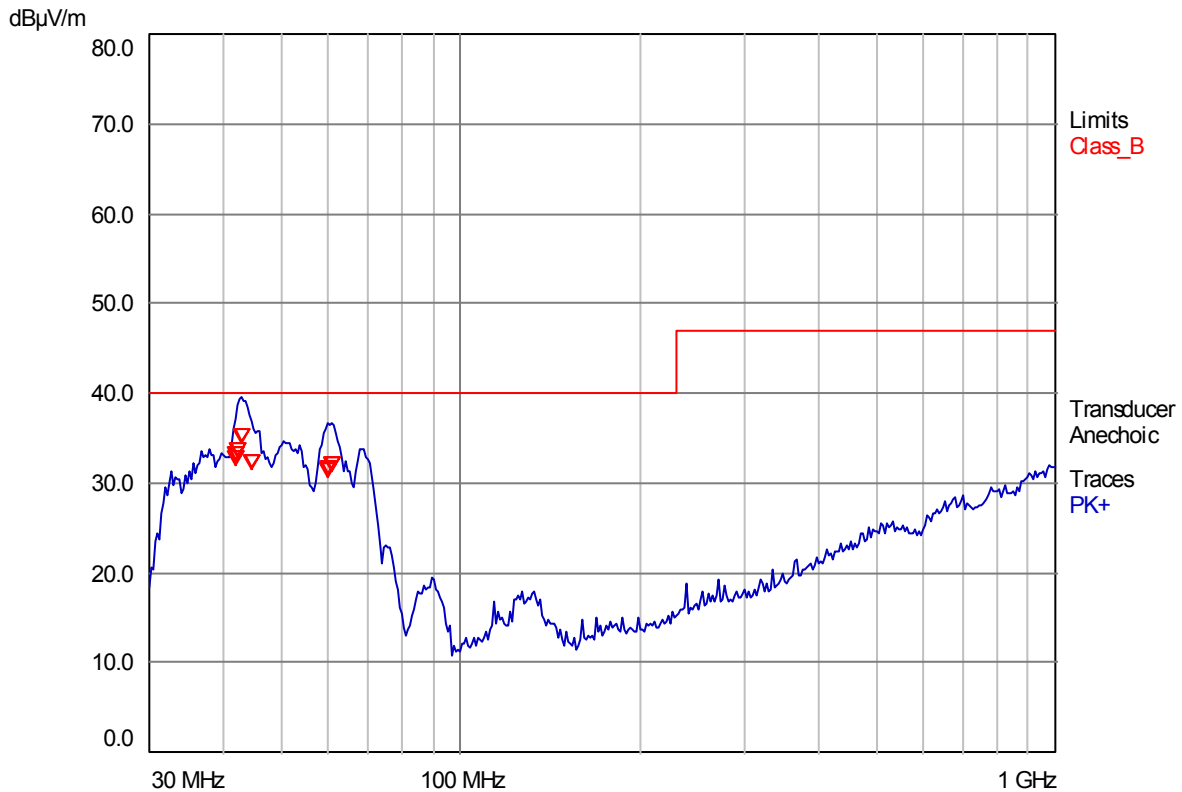
Scan Settings (1 Range)

Frequencies			Receiver Settings			
Start	Stop	Step	Res BW	M-Time	Atten	Preamp
30 MHz	1 GHz	60 kHz	120 kHz (6dB)	10 ms	Auto	On

Final Measurement

Detector: QP Meas Time: 1 s
 Peaks: 8 Acc. Margin: 20 dB

Pre-measurement Graph



Final Measurement Results

Trace	Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Delta Limit (dB)	Delta Ref (dB)	Comment
1 QP	41.82	31.88	40.00	-8.12		
1 QP	41.94	32.30	40.00	-7.70		
1 QP	42.06	32.95	40.00	-7.05		
1 QP	42.96	34.34	40.00	-5.66		
1 QP	44.4	31.48	40.00	-8.52		
1 QP	59.94	30.71	40.00	-9.29		
1 QP	60.06	30.88	40.00	-9.12		
1 QP	60.54	31.35	40.00	-8.65		

* = limit exceeded