

P1501

RF E-Field Source up to 1 GHz



Short description

The P1501 RF E-field source tests the ICs in terms of their immunity under the influence of RF E-fields. The IC to be tested is tested while it is running.

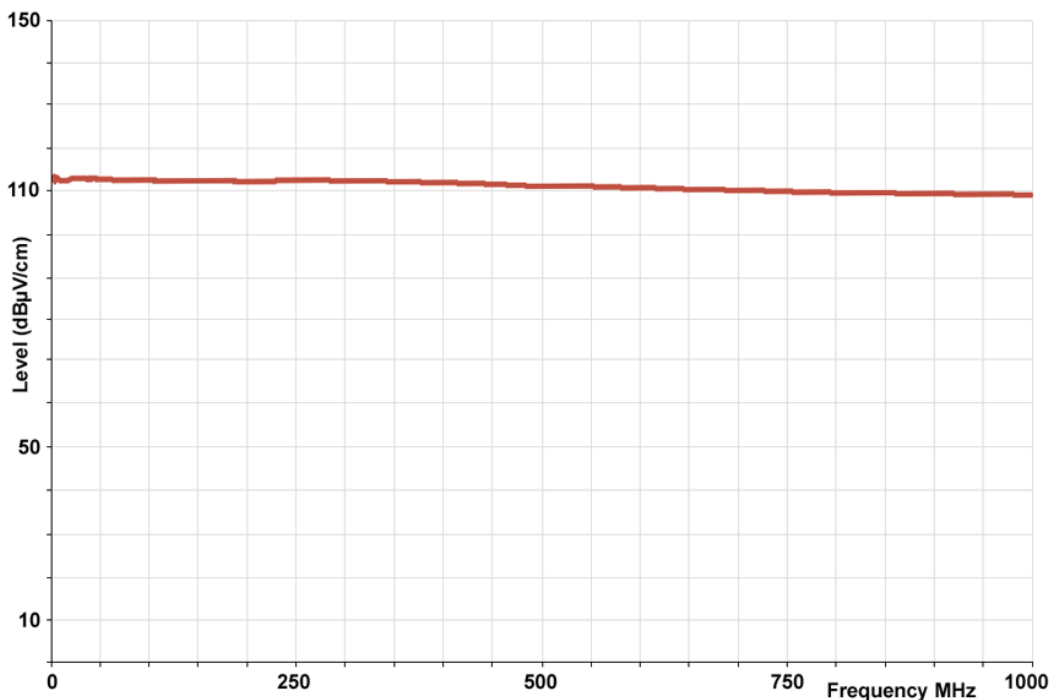
The P1501 E-field source is operated in connection with a power amplifier and a RF signal generator.

Attention: The largest part of the fed power is reflected by the probe (no 50 Ω adaptation). The used power amplifier must be designed for it.

Technical parameters

Frequency range	0 ... 1 GHz
Input impedance	5 k Ω
Generated electric field strength E (h = 10 mm)	14 kV/m
Generated electric field strength E	47 kV/m
Voltage probe	5 k Ω
Correction factor	60 dB
Measurement output	50 Ω , SMB
Max. forward power	100 W
Connector - input	N-Connector (50 Ω)
Weight	700 g
Sizes (L x W x H)	(180 x 96 x 96) mm

Frequency response



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Design, view 1

