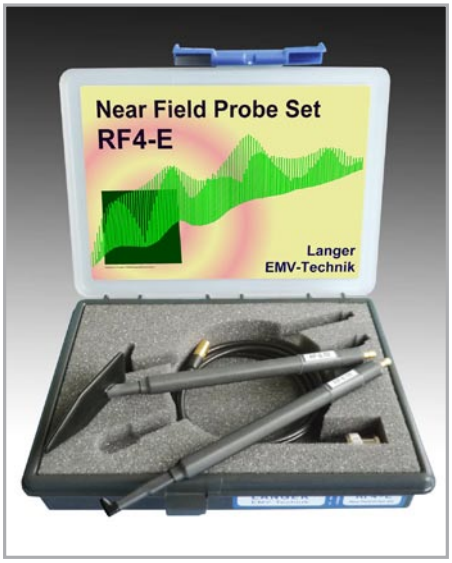

Contents:

H-field probe RF-E 02
H-field probe RF-E 05
Cable SMB-BNC
Case 175x140x32 mm
Instructions

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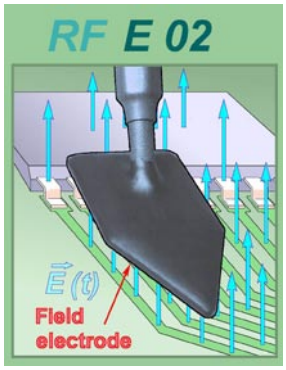
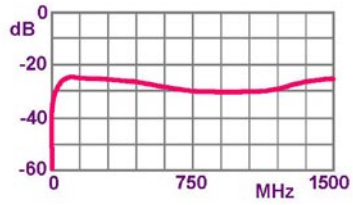
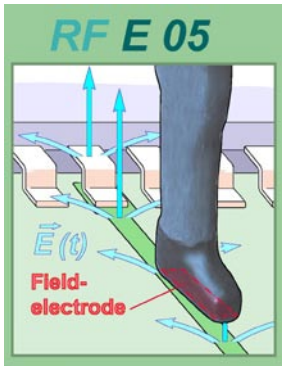
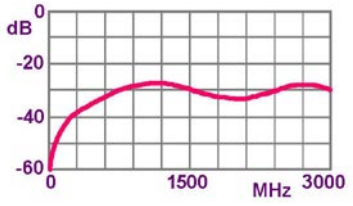
Instructions

The RF 4-E probe set contains two screened E field probes. Electrical fields can be measured in the frequency range from 30 MHz up to 3 GHz for comparison purposes.
The probes are designed for the analysis of E field distributions, detection of coupling mechanisms on modules and evaluation of switching edges on signal leads and RF voltages of the supply system. The passive probes are connected to a spectrum analyser or oscilloscope via a 50 Ohm BNC plug socket.

NEAR FIELD PROBE SET RF 4-E

FREQUENCY RANGE 30 MHz up to 3 GHz

Application	Description	Characteristic
	**RF-E 02** Bus structures, larger components respectively supply areas couple out electrical fields by their surfaces. These electrical fields may be involved electromagnetic emission. The probe RF-E 02 detect these fields by the probe bottom on an area of 2x5 cm approximately. For measuring the probe bottom is approached respectively putted on the Unit Under Test. Higher resolutions can be obtained if the probe tip is inclined at an angle of 45° when approaching the source. The top site of probe are shielded. The probe has a sheat current damping. **Frequency range: 30 MHz to 1.5 GHz** **Dimension approx. 20x50 mm**	
	**RF-E 02** By this probe you are able to register selectively electrical fields on layout and component area of flat units. The breadth of the field electrode is about 1 mm and to exist on the bottom side. Therefore you can locate electrical fields very exactly. These electrical fields are caused by clocked lines, IC pins and small components. The top site of probe are shielded. The probe has a sheat current damping. **Frequency range: 30 MHz to 3 GHz** **Resolution: approx. 0,6 mm conductor** **Dimension: approx. 1x8 mm**	

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