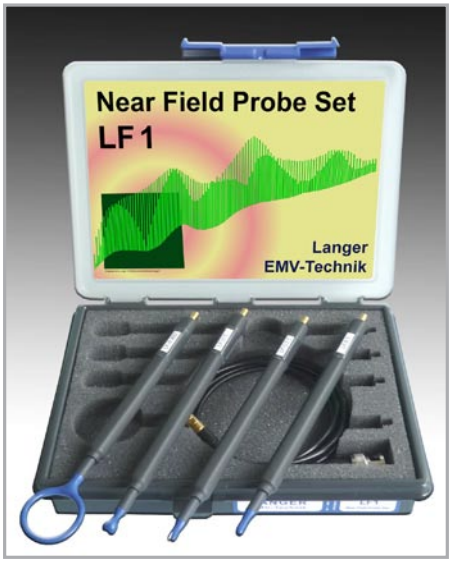

Contents:

H-field probe LF-R 400
H-field probe LF-B 3
H-field probe LF-U 5
H-field probe LF-U 2.5

Cable SMB-BNC
Case 175x140x32 mm
Instructions

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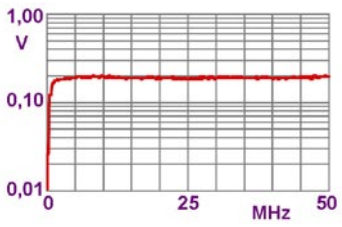
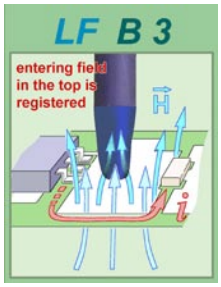
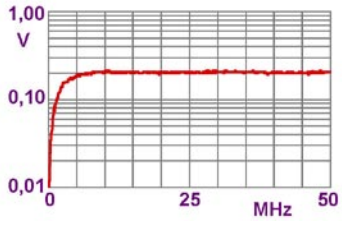
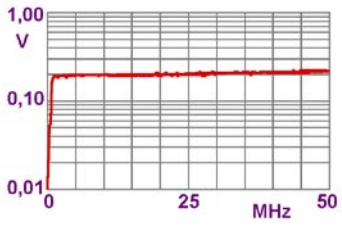
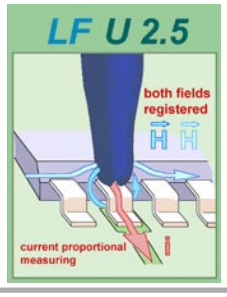
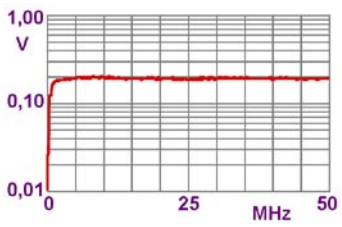
Instructions

The characteristic curves from LF near field probes with frequency range 100 KHz to 50 MHz show the output voltage of probes at 50 ohm for 1A measured current.
All probes have a sheath current damping and are electrically screened.

NEAR FIELD PROBE SET LF 1

FREQUENCY RANGE 100 kHz to 50 MHz

Application	Description	Characteristic
	**LF-R 400** On account of its large diameter (25 mm) this magnetic field probe is the most sensitive in our range of products. It can be used at a distance of up to 10 cm from the units. The probe detects the spatial distribution of HF magnetic fields in devices and assemblies and allows the user to draw conclusions with regard to disturbance emissions. **Frequency range: 100 kHz to 50 MHz** **Diameter approx. 25 mm**	
	**LF-B 3** The near field probe is designed for the detection of magnetic fields which are emitted vertically from the surface of PCBs and is thus ideal for investigating current loops. The probe allows the measurement in confined board areas (between large controller components, for example). **Frequency range: 100 kHz to 50 MHz** **Resolution approx. 2 mm** **Diameter approx. 4 mm**	
	**LF-U 5** The near field probe is designed for detecting surface and circular magnetic fields on very wide conducting paths, metallized surfaces, plug-and-socket connectors, electronic components, cables and component connectors. The probe functions like a coupling clamp. **Frequency range: 100 kHz to 50 MHz** **Resolution approx. 5 mm** **Dimension 6x6 mm**	
	**LF-U 2.5** The near field probe is designed for the selective detection of RF currents in conductor runs, component connections, capacitors and IC pins. The probe head has a magnetically active curb with a width of approx. 0.5 mm. The probe's curb is positioned on conductor runs, ICs or capacitor connections for a measurement. **Frequency range: 100 kHz to 50 MHz** **Resolution approx. 2 mm** **Diameter approx. 4 mm**	

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