

LF-U 2.5

磁场探头 (100KHz-50MHz)



Short description

LF-U2.5型磁场探头是一个近场探头，适用于选择性检测导线、SMD元件和集成电路引脚中的高频电流。这个探头顶端有一个约0.5mm宽的磁场敏感缺口。

The LF-U 2.5 is a near-field probe. It functions like the LF-U 5 probe. While the LF-U 5 is suitable for larger components such as cable, connectors ect., the LF-U 2.5 is designed for SMD components and pins.

When measuring, the magnetically active gap of the probe head is positioned directly onto the measured object. The near-field probe is small and handy. It has a current attenuating sheath and, therefore, is electrically shielded. It can be connected to a spectrum analyzer or an oscilloscope with a 50 Ω input. The H-field probe does not have an internal terminating resistance of 50 Ω .

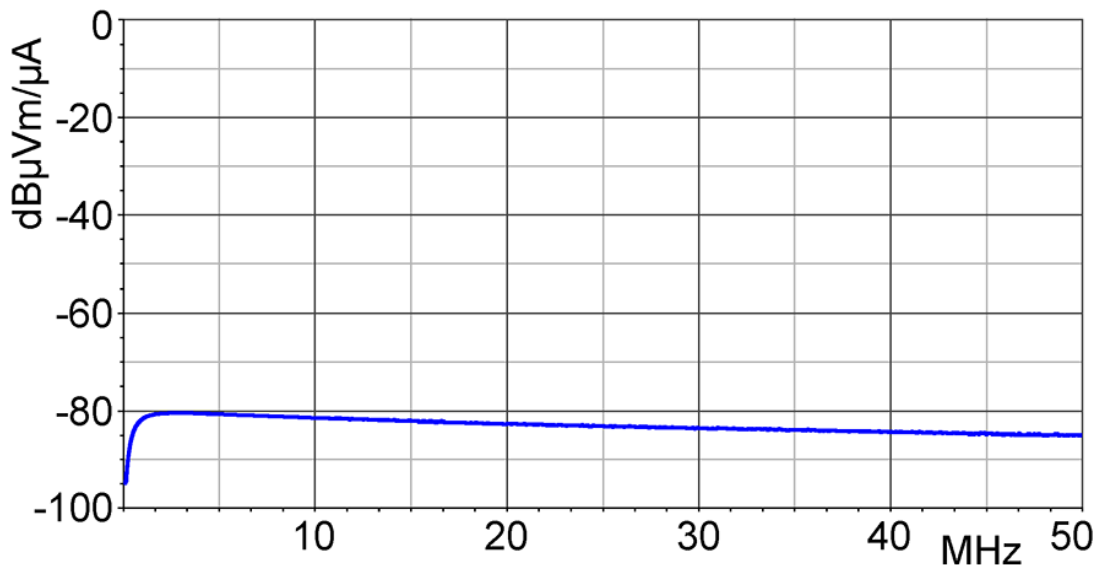
Technical parameters

频率范围	100 kHz ... 50 MHz
分辨率	≈ 0.5 mm
探头尺寸	$\varnothing \approx 4$ mm
输出接口	SMB, male, jack
重量	15 g

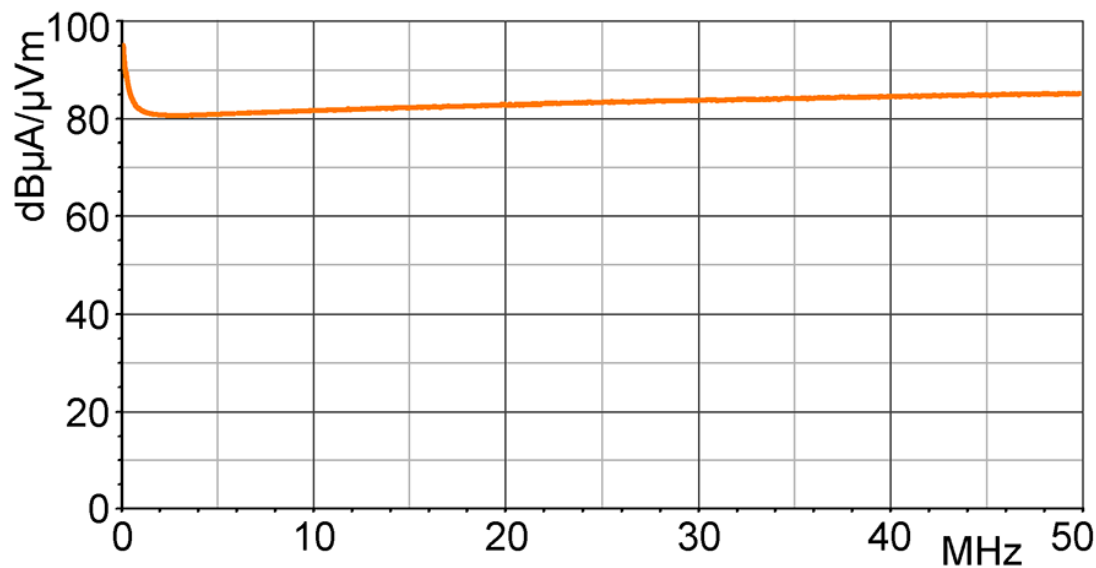
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频率特性 [dB μ V] / [dB μ A/m]



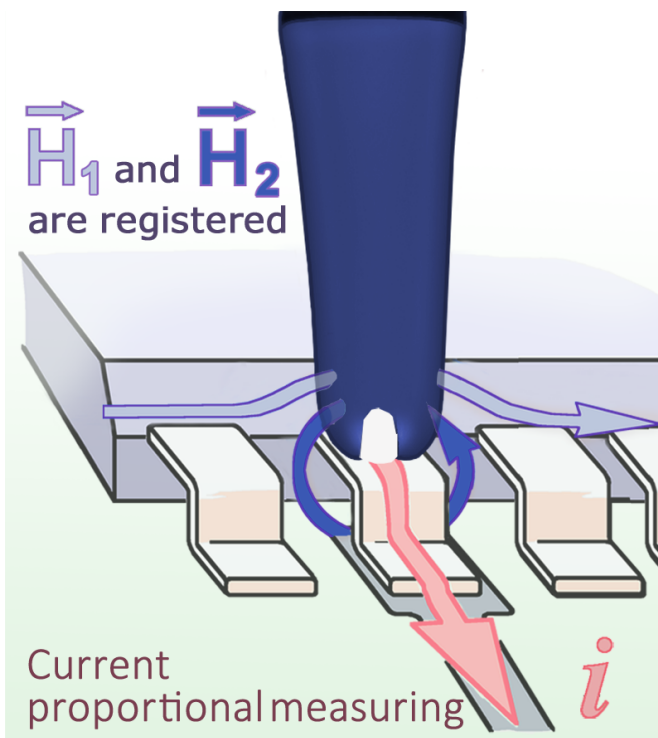
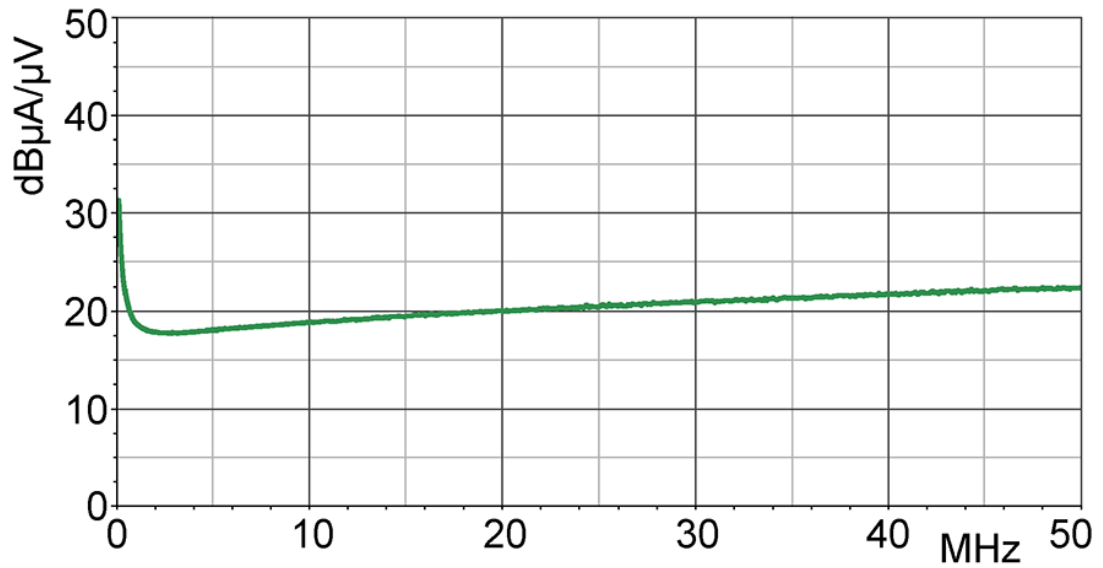
磁场校正曲线 [dB μ A/m] / [dB μ V]



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电流校正曲线 [dB μ A] / [dB μ V]



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Probe head

