

RF-B 3-2

磁场探头 (30MHz-3GHz)



Short description

RF-B 3-2型磁场探头的测量线圈垂直于探头轴。将探头垂直放置到被测物上，测量线圈直接位于平面电路板的表面。如此便可测量通常难以接近的电路板表面，比如在开关稳压器的较大部件之间。

The RF-B 3-2 is a passive near-field probe which detects magnetic field lines emitted from the measured object at 90°. Magnetic field lines which enter the probe laterally are not detected.

In contrast to the RF-R 3-2 H-field probe, its coil is positioned in the probe tip at a 90° angle. 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.

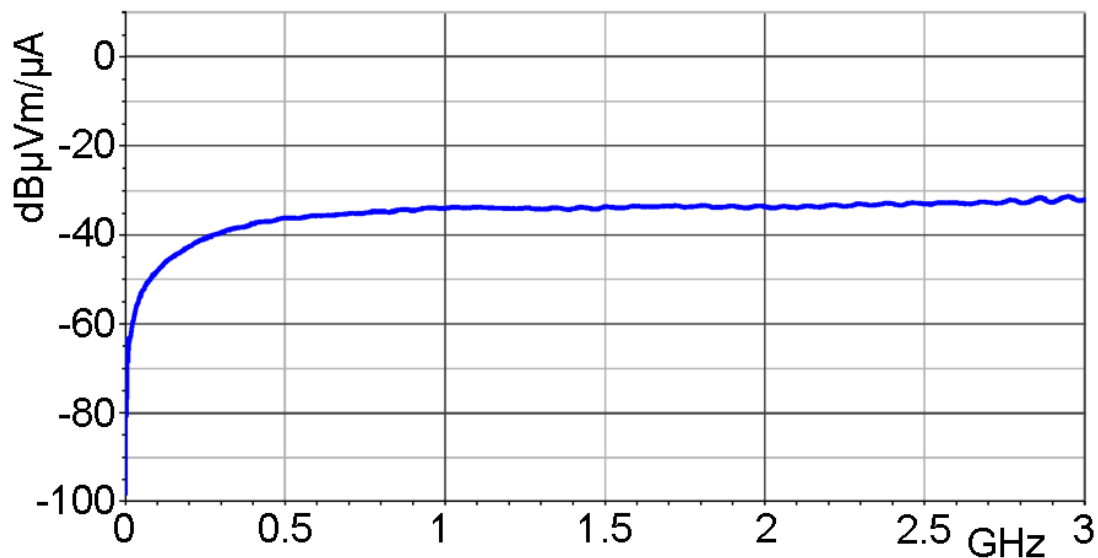
Technical parameters

频率范围	30 MHz ... 3 GHz
分辨率	≈ 2 mm
探头尺寸	Ø ≈ 4 mm
输出接口	SMB, male, jack
重量	15 g

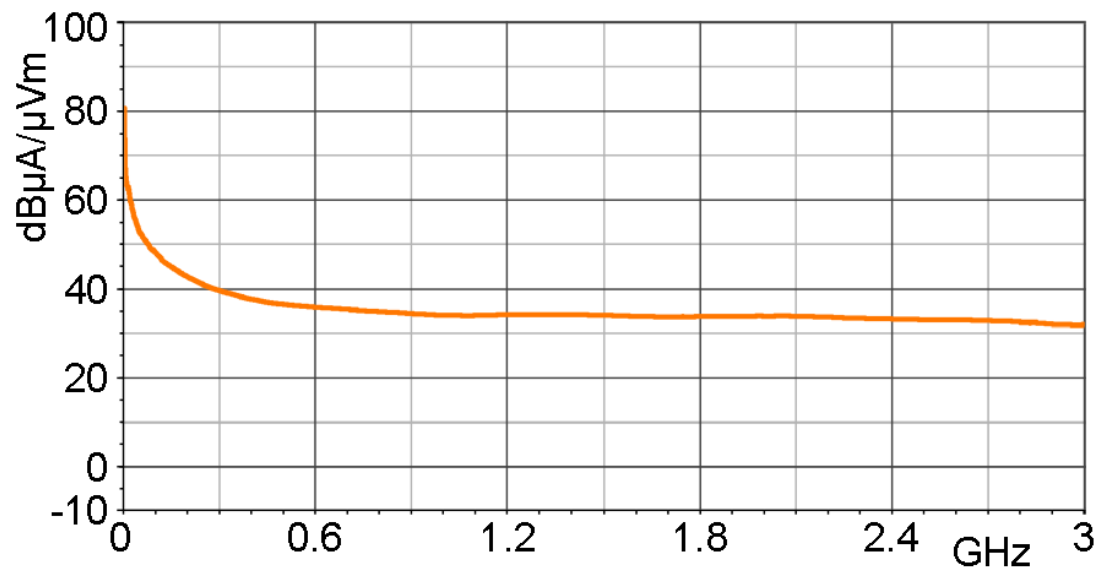
RF-B 3-2

磁场探头 (30MHz-3GHz)

频率特性 [dB μ V] / [dB μ A/m]



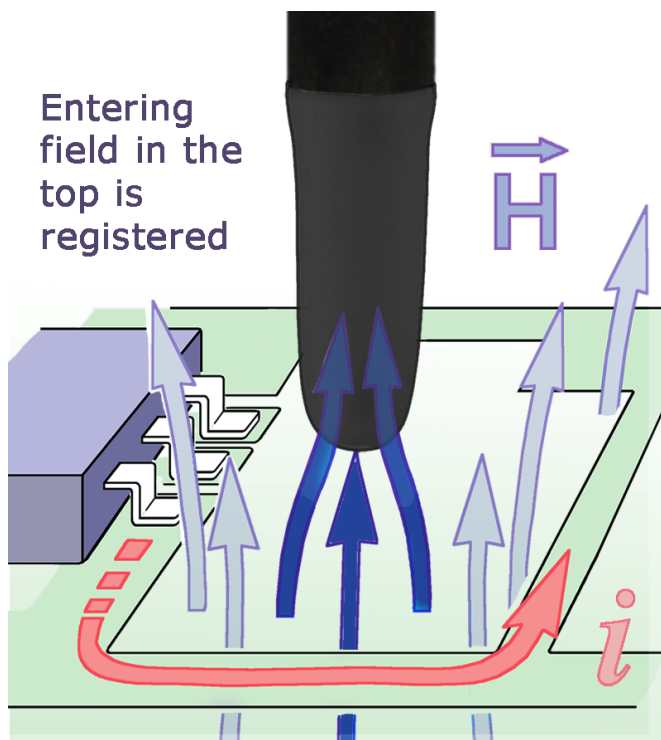
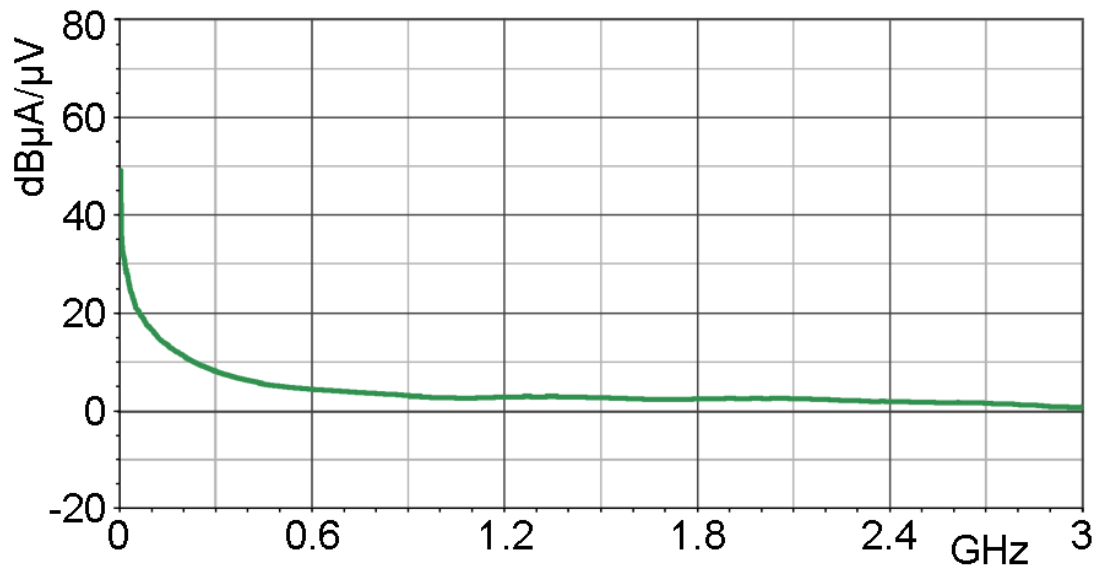
磁场校正曲线 [dB μ A/m] / [dB μ V]



RF-B 3-2

磁场探头 (30MHz-3GHz)

电流校正曲线 [dB μ A] / [dB μ V]



RF-B 3-2

磁场探头 (30MHz-3GHz)

Probe head

