

RF-R 50-1

磁场探头 (30MHz-3GHz)



Short description

RF-R 50-1型磁场探头适于在约3cm距离以内测量模块、设备或电缆。这种磁场探头能够识别出大型元器件是否为潜在的干扰源。

The RF-R 50-1 is a passive near-field probe. Due to its medium size diameter (10 mm) it covers less of the magnetic field and is, therefore, less sensitive in comparison to the RF-R 400-1 probe. The RF-R 50-1 probe has a higher resolution than RF-R 400-1. In contrast to the H-field probe RF-R 3-2, the RF-R 400-1 covers more of the magnetic field and is more sensitive. As a result it has a lower resolution. It has a current attenuating sheath and, is therefore, 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 |
| 探头尺寸 | $\varnothing \approx 10$ mm |
| 输出接口 | SMB, male, jack |
| 重量 | 15 g |

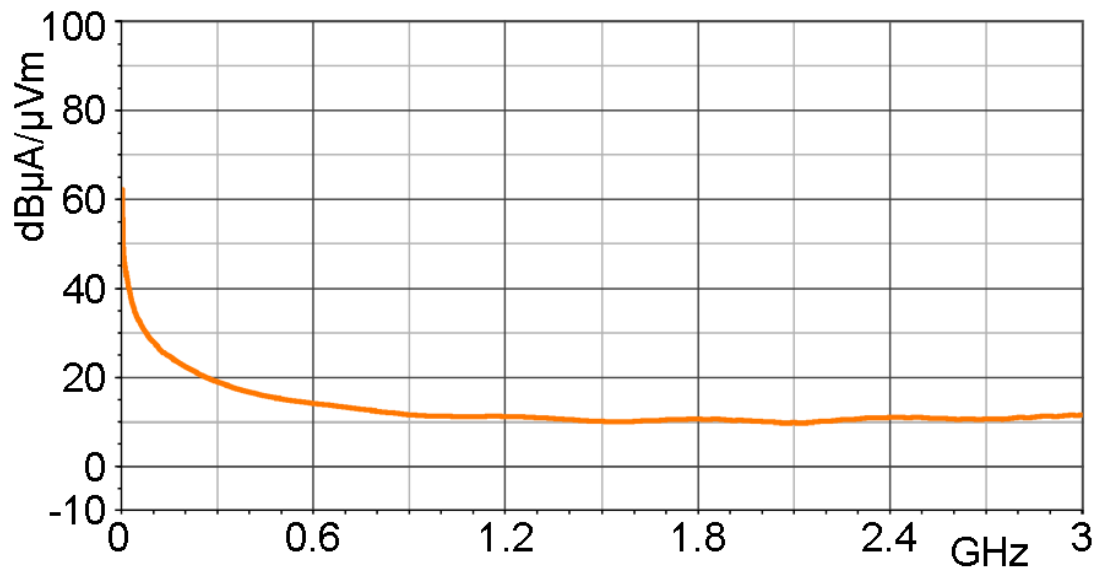
频率特性 [dB μ V] / [dB μ A/m]



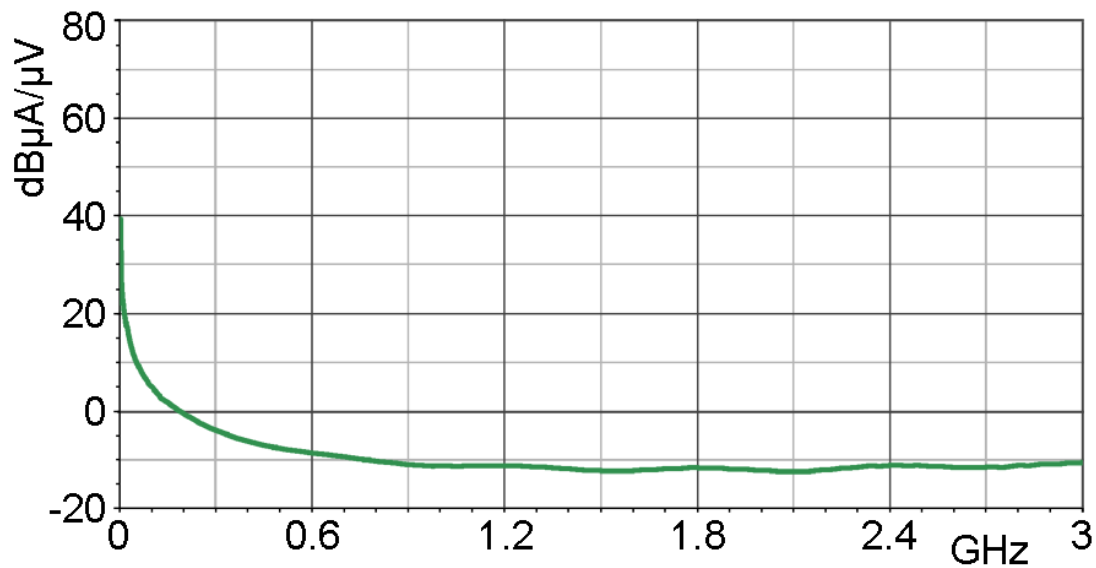
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磁场校正曲线 [dB μ A/m] / [dB μ V]



电流校正曲线 [dB μ A] / [dB μ V]



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Probe head

