

# 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  $\Omega$  input. The H-field probe does not have an internal terminating resistance of 50  $\Omega$ .

## 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

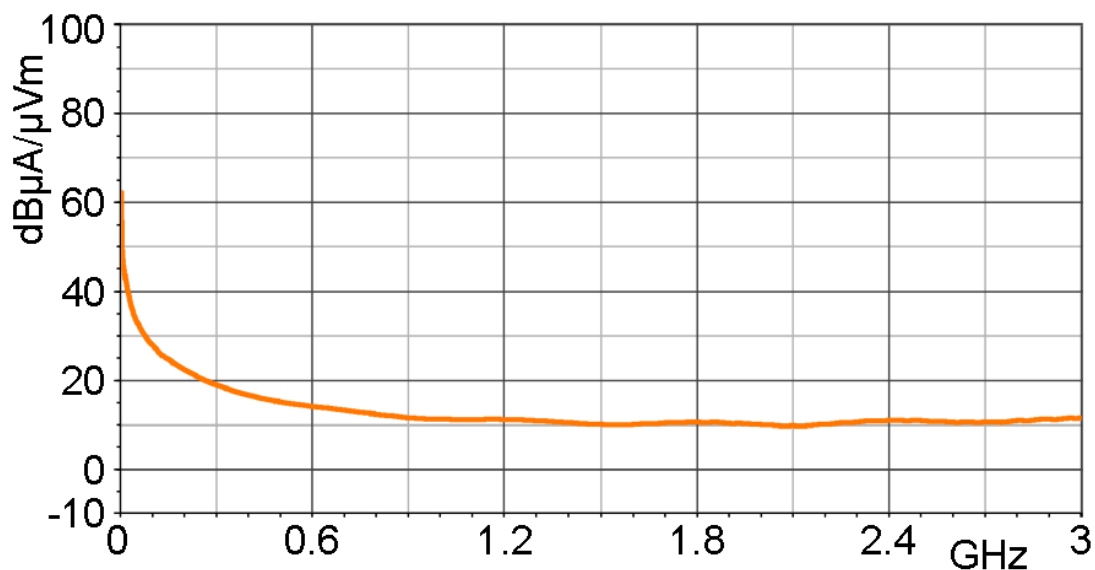
频率特性 [dB $\mu$ V] / [dB $\mu$ A/m]



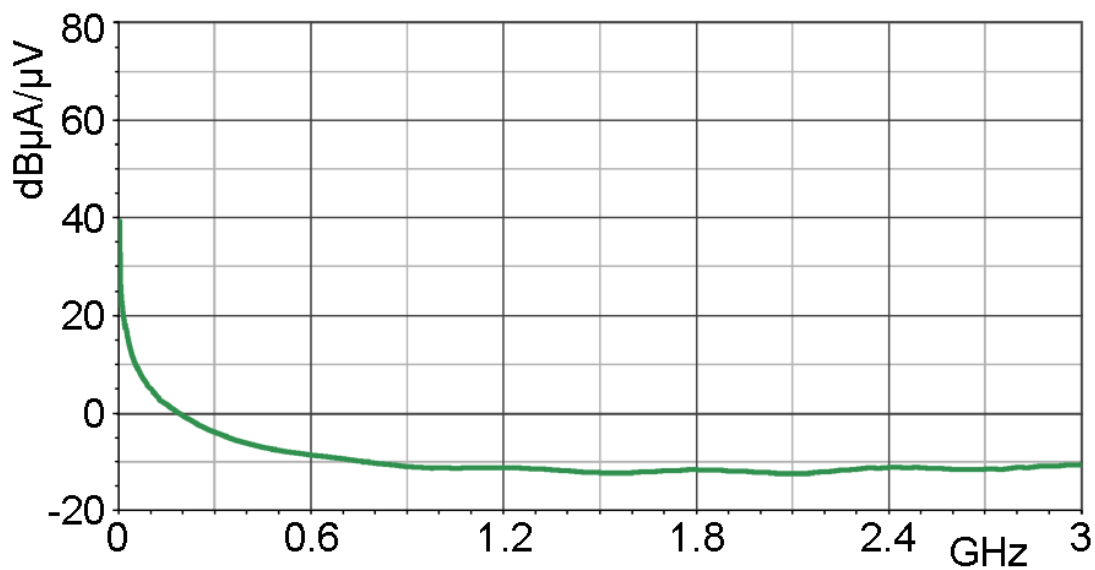
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磁场校正曲线 [dB $\mu$ A/m] / [dB $\mu$ V]



电流校正曲线 [dB $\mu$ A] / [dB $\mu$ V]



# RF-R 50-1

磁场探头 (30MHz-3GHz)



Probe head

