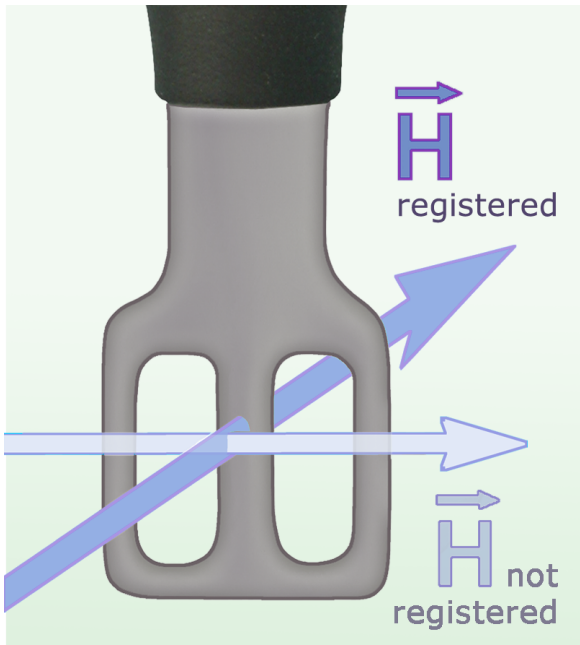
XF-R 100-1

磁场探头（30MHz-6GHz）



Short description

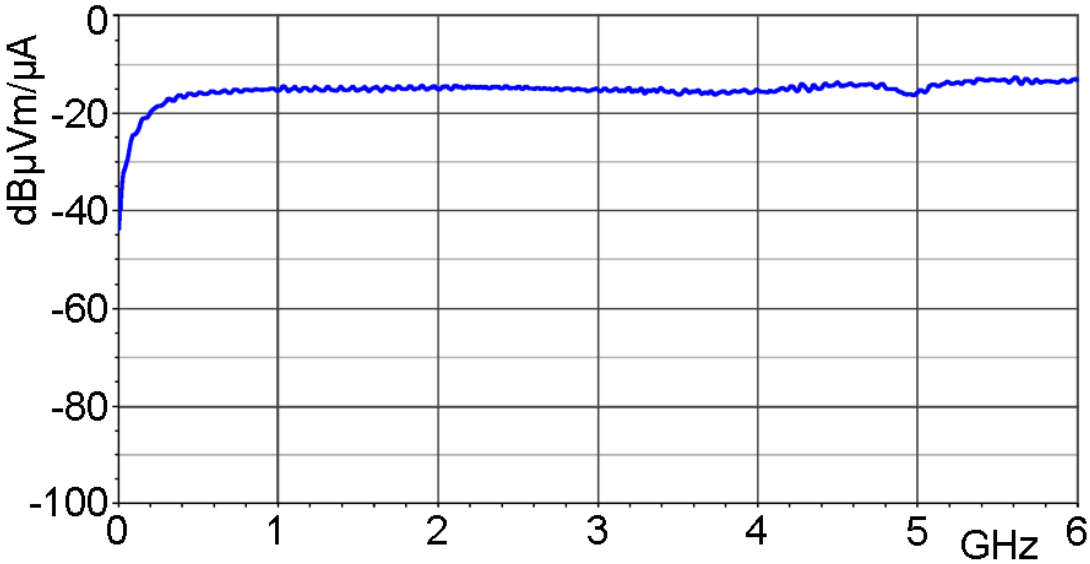
XF-R 100-1型磁场探头用于测量模块、设备或电缆，可以在距离被测物3cm以内使用。利用该磁场探头能够识别较大组件是否为潜在的干扰源。这种磁场探头呈现很高的带宽和线性度。

The XF-R 100-1 is a passive near-field probe. The probe head's size, and thus its resolution range, is between that of the XF-R 400-1 (25 mm) and XF-R 3-1 (3mm) probes. 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 has an internal terminating resistance.

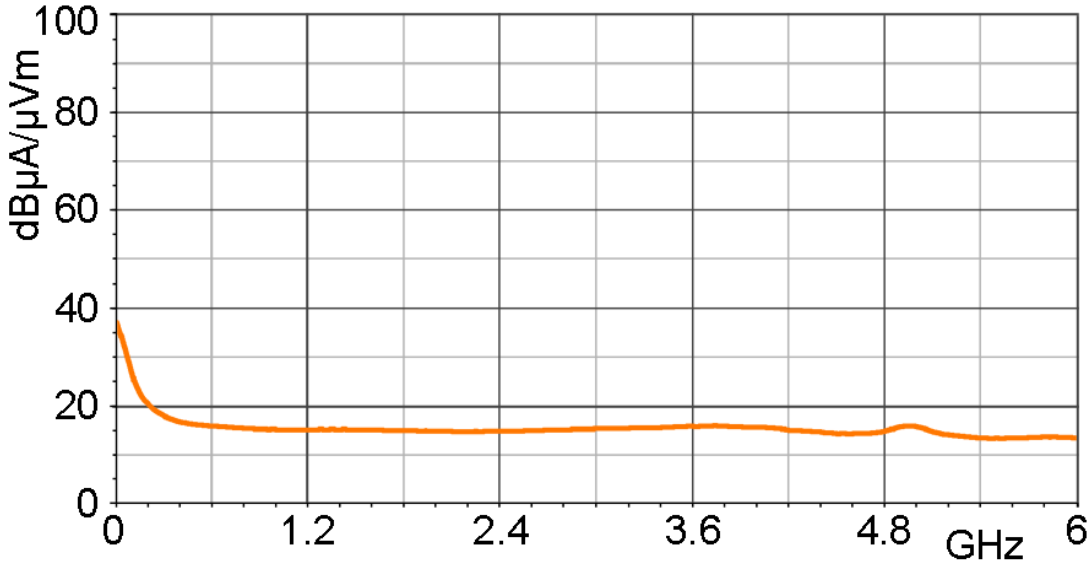
Technical parameters

频率范围	30 MHz ... 6 GHz
分辨率	Ø ≈10 mm
探头尺寸	≈ (10x10) mm
输出接口	SMA, female, jack

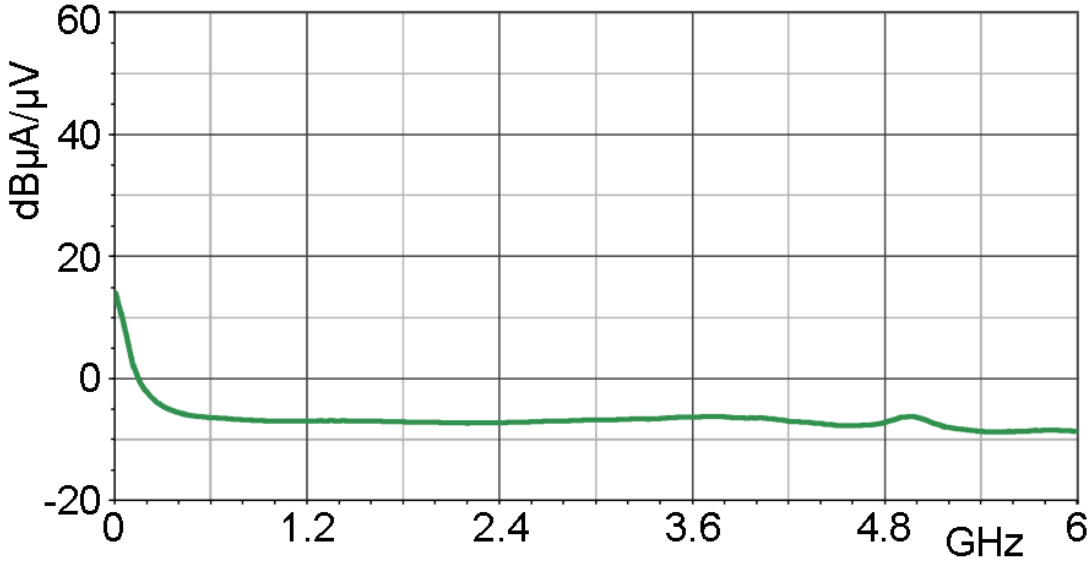
频率特性 [dBµV] / [dBµA/m]



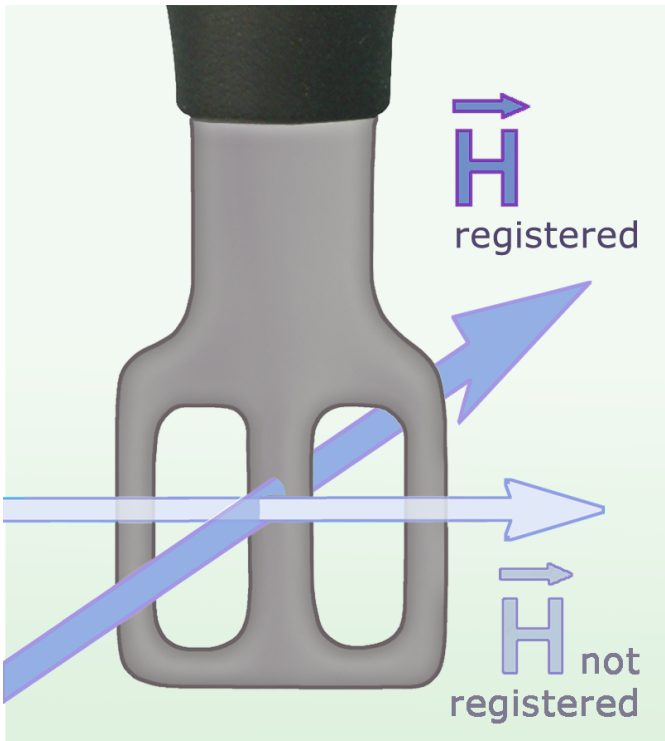
磁场校正曲线 [dBµA/m] / [dBµV]



电流校正曲线 [dBµA] / [dBµV]



XF-R 100-1
磁场探头（30MHz-6GHz）



Probe head