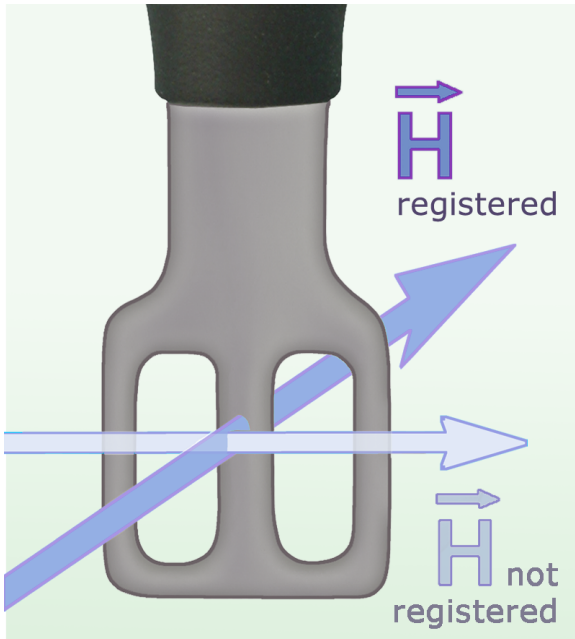


XF-R 100-1

磁场探头 (30MHz-6GHz)



Short description

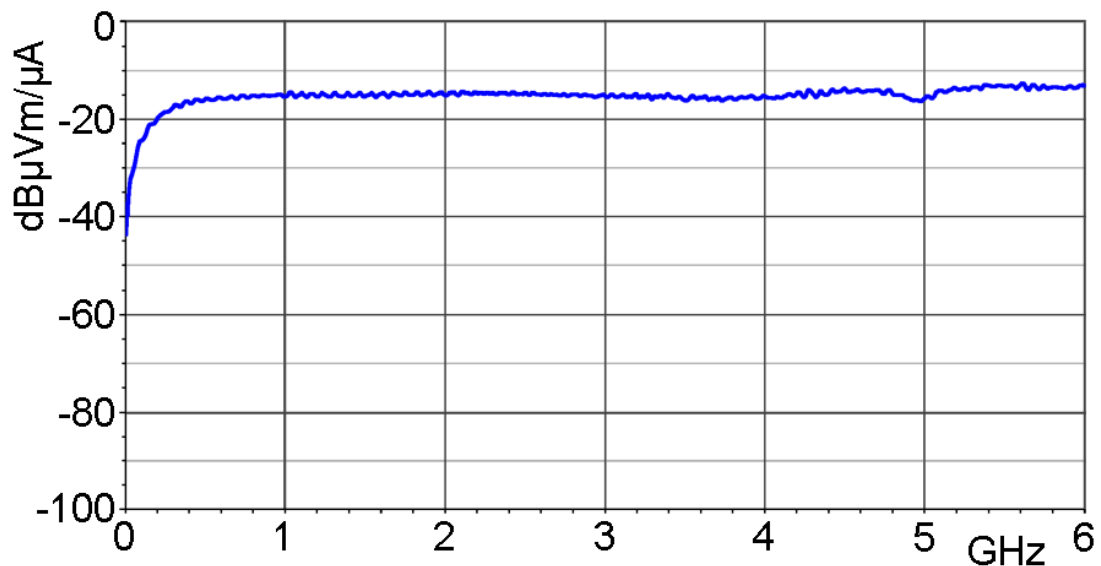
XF-R 100-1型磁场探头用于测量模块、设备或电缆，可以在距离被测物3cm以内使用。利用该磁场探头能够识别较大组件是否为潜在的干扰源。这种磁场探头呈现很高的带宽和线性度。

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 | $\varnothing \approx 10$ mm |
| 探头尺寸 | $\approx (10 \times 10)$ mm |
| 输出接口 | SMA, female, jack |

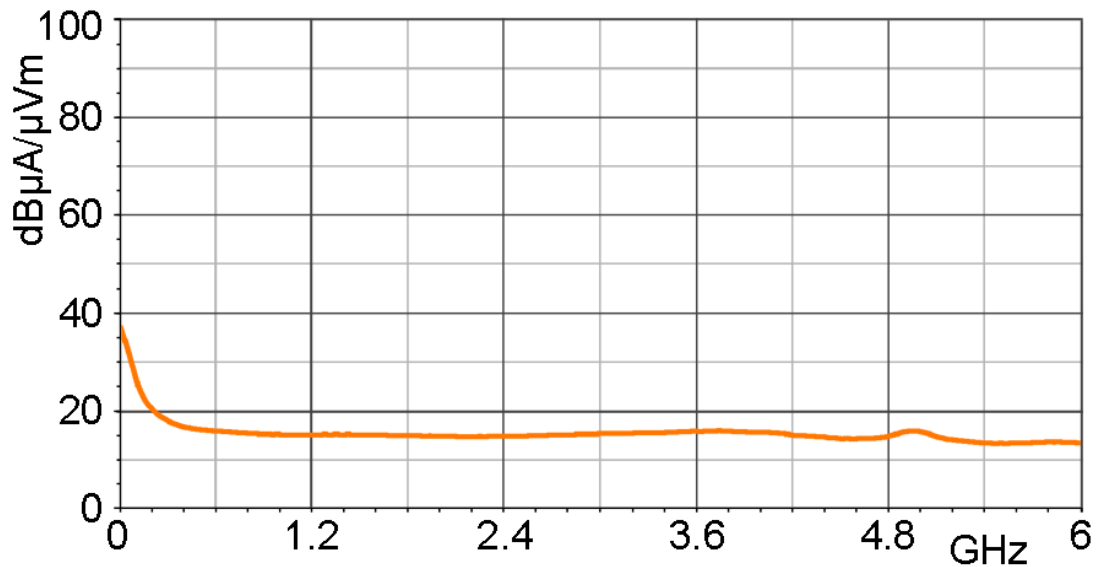
频率特性 [dB μ V] / [dB μ A/m]



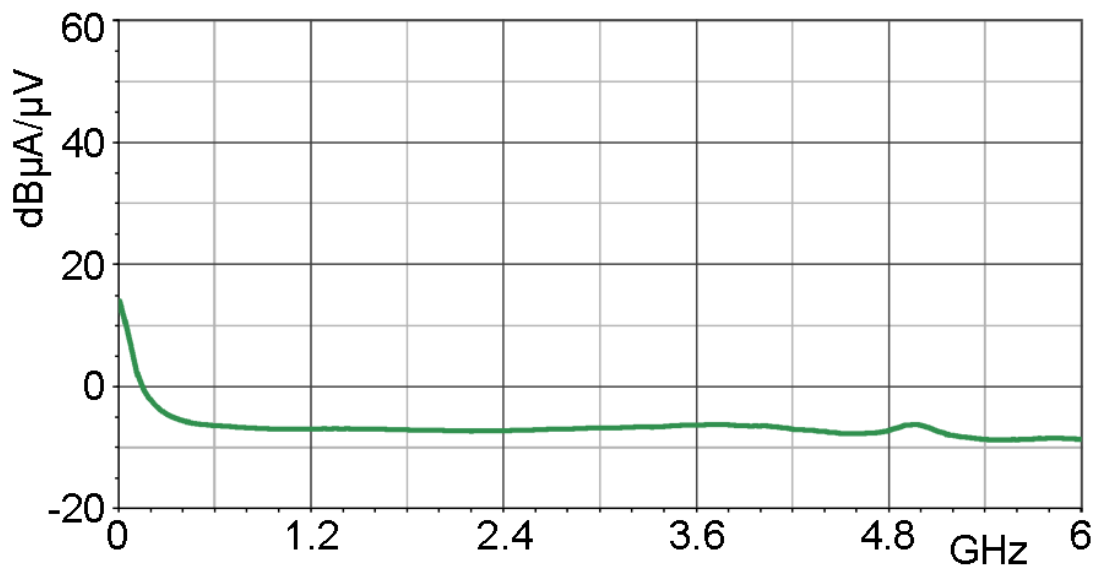
XF-R 100-1

磁场探头 (30MHz-6GHz)

磁场校正曲线 [dB μ A/m] / [dB μ V]

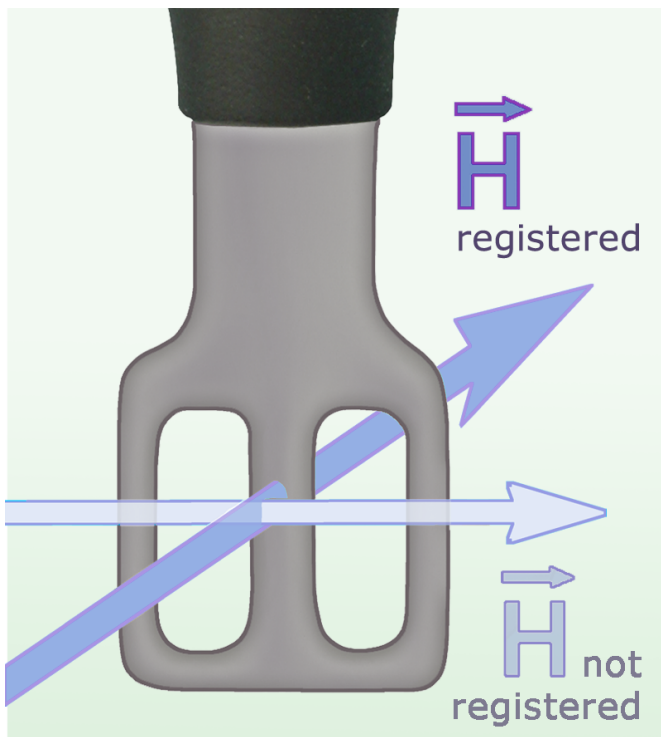


电流校正曲线 [dB μ A] / [dB μ V]



XF-R 100-1

磁场探头 (30MHz-6GHz)



Probe head

