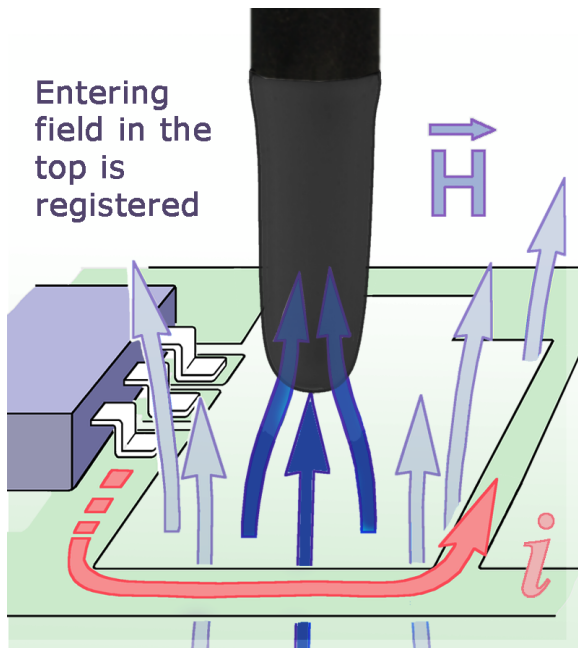


## RF-B 3-2

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。将探头垂直放置到受测物上，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  $\Omega$  input. The H-field probe does not have an internal terminating resistance of 50  $\Omega$ .

### Technical parameters

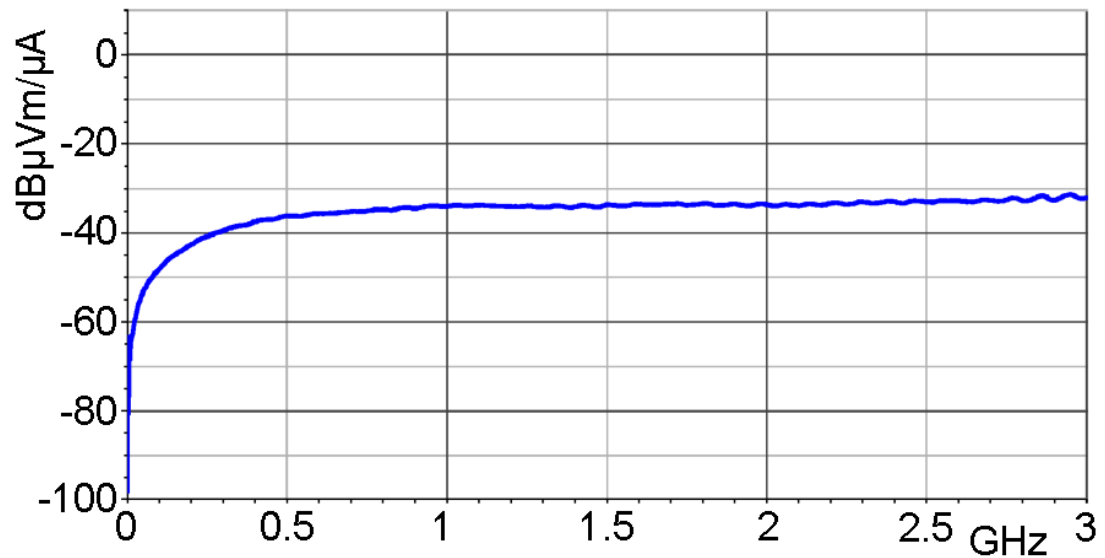
|      |                            |
|------|----------------------------|
| 频率范围 | 30 MHz ... 3 GHz           |
| 分辨率  | $\approx 2$ mm             |
| 探头尺寸 | $\varnothing \approx 4$ mm |
| 输出接口 | SMB, male, jack            |
| 重量   | 15 g                       |

## RF-B 3-2

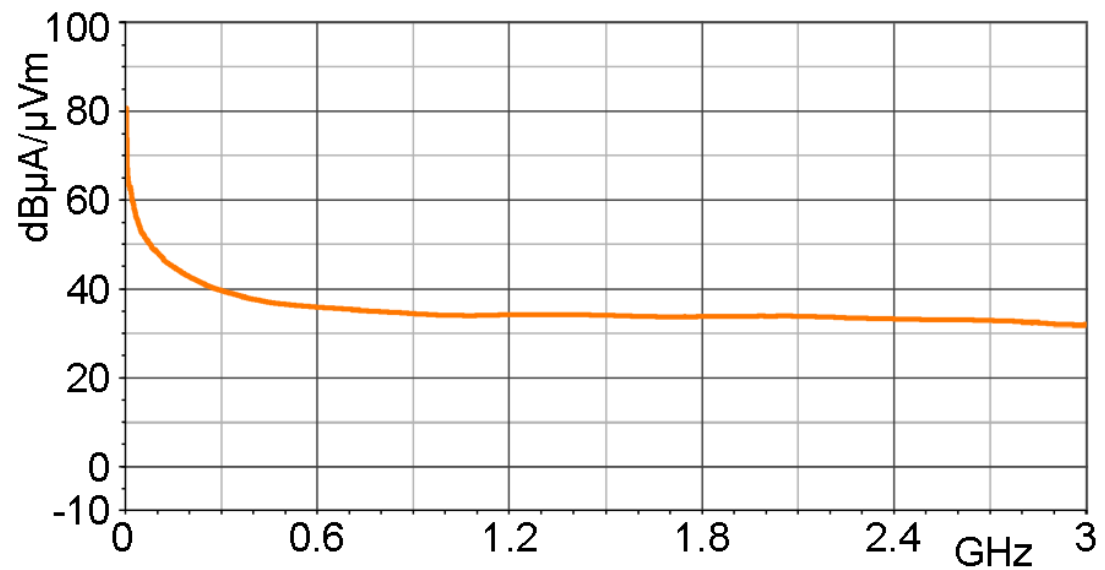
磁场探头 (30MHz-3GHz)

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频率特性 [dB $\mu$ V] / [dB $\mu$ A/m]



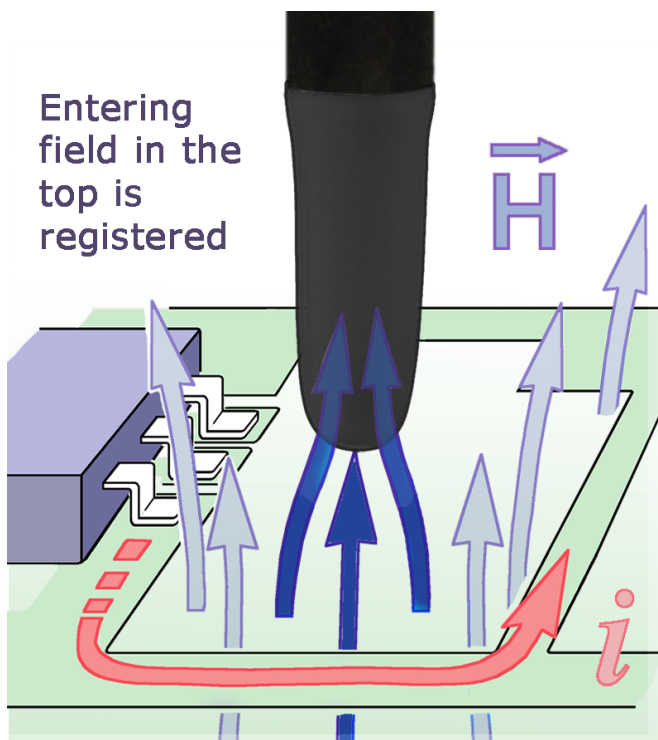
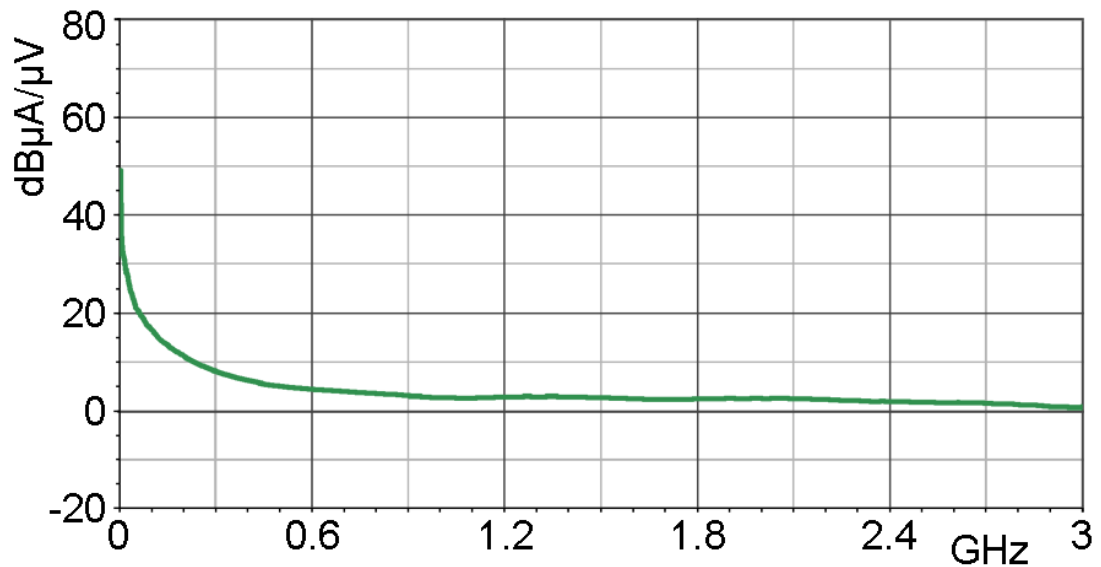
磁场校正曲线 [dB $\mu$ A/m] / [dB $\mu$ V]



## RF-B 3-2

磁场探头 (30MHz-3GHz)

电流校正曲线 [dB $\mu$ A] / [dB $\mu$ V]



## RF-B 3-2

磁场探头 (30MHz-3GHz)

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Probe head

