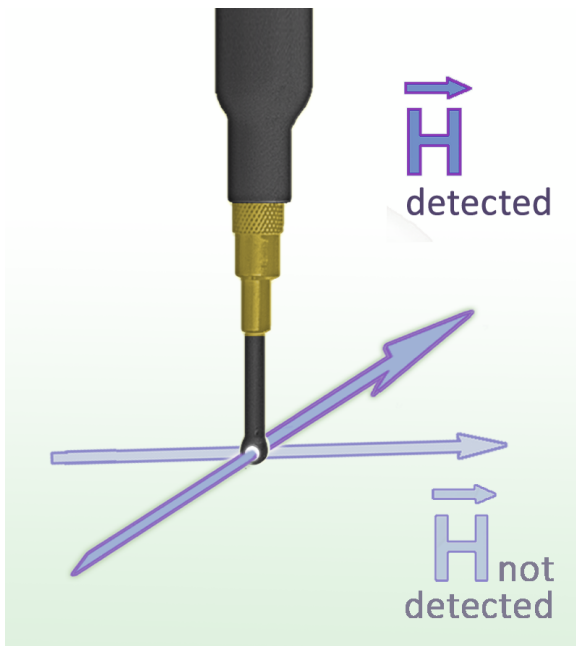


# RF-R 0.3-3

迷你型磁场探头 (30MHz-3GHz)



## Short description

RF-R 0.3-3型磁场探头的探针很小，能够以很高的分辨率测量高频磁场，从而识别出产生干扰的最小元件。此外，小探头适合于在很难靠近的位置进行测量，例如在集成电路引脚周围。

The RF-R 0.3-3 is a passive near-field probe. In principle it has the same structure as the H-field probes RF-R 50-1 and RF-R 400-1. The RF-R 0.3-3 has a significantly higher resolution. The H-field probe is suitable for measurements close to the components in high magnetic electric field strength range. The coil openings of the RF-R 0.3-3 probe are marked with white dots. Because of its small design measurements can be easily made at hard to reach spots, e.g. between components. The near-field probe is small and handy. It has a sheath current attenuation and 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  $\Omega$ .

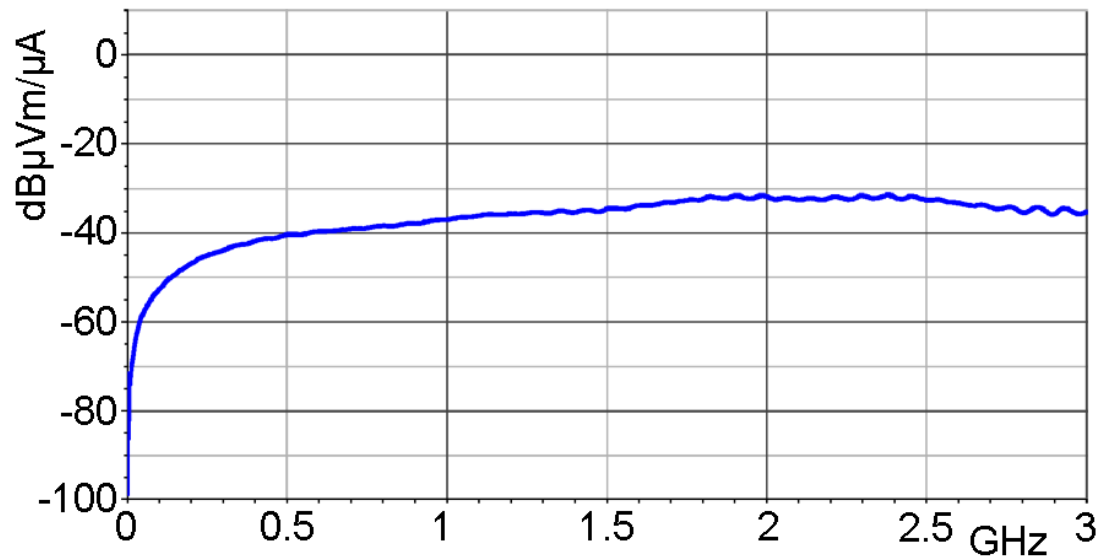
## Technical parameters

|      |                            |
|------|----------------------------|
| 频率范围 | 30 MHz ... 3 GHz           |
| 分辨率  | < 1 mm                     |
| 探头尺寸 | $\varnothing \approx 2$ mm |
| 输出接口 | SMB, male, jack            |

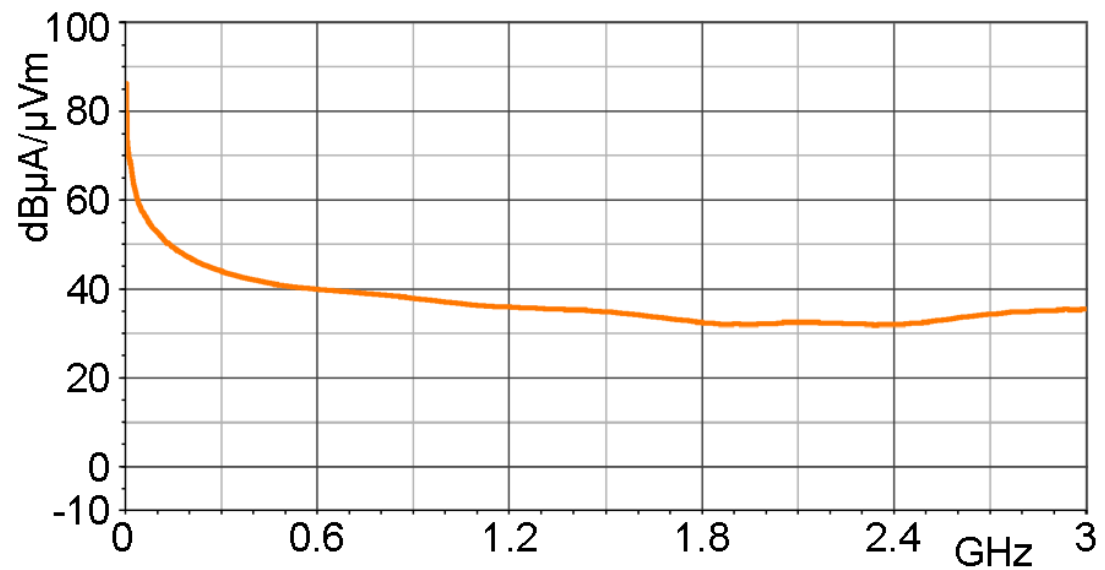
# RF-R 0.3-3

迷你型磁场探头 (30MHz-3GHz)

频率特性 [dB $\mu$ V] / [dB $\mu$ A/m]



磁场校正曲线 [dB $\mu$ A/m] / [dB $\mu$ V]

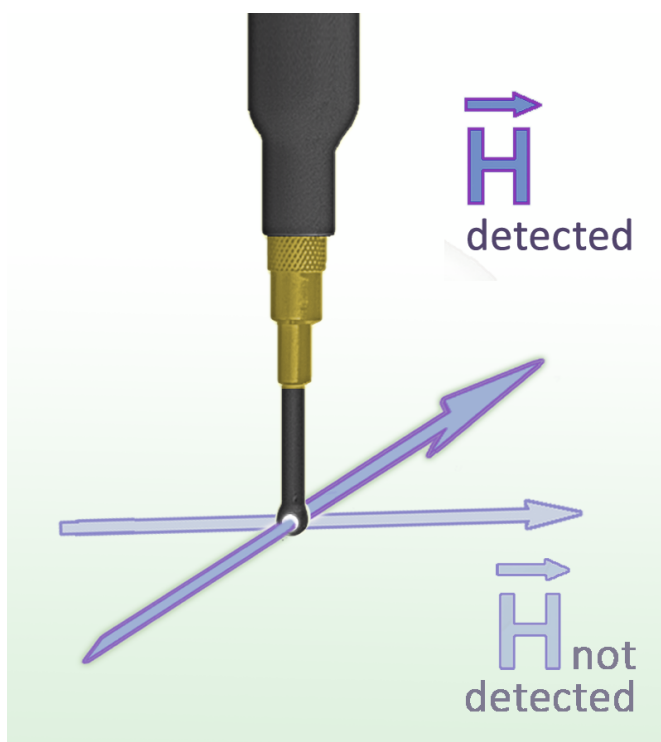
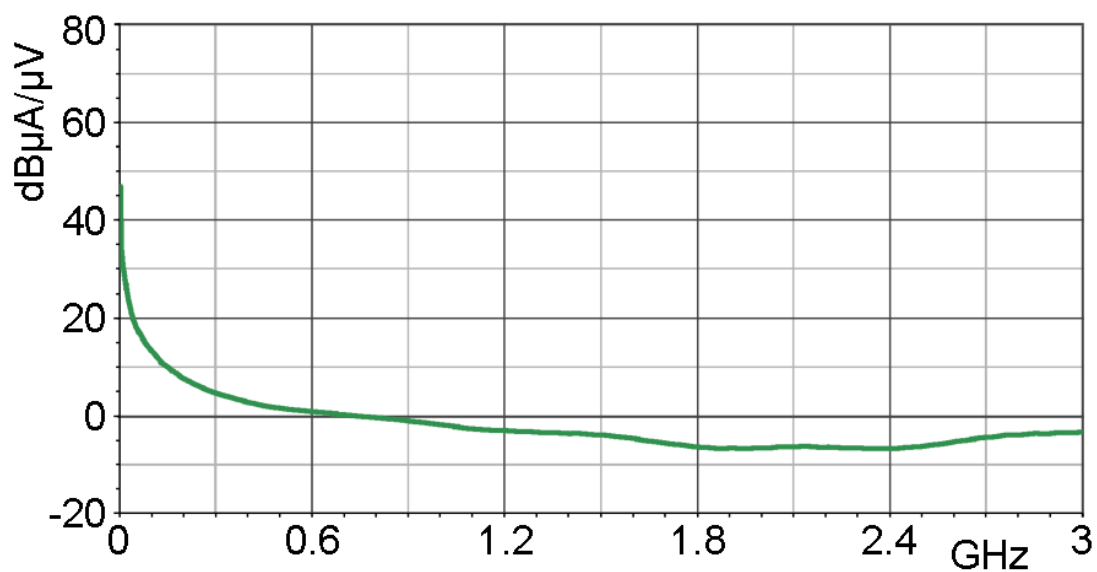


## RF-R 0.3-3

迷你型磁场探头 (30MHz-3GHz)

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电流校正曲线 [dB $\mu$ A] / [dB $\mu$ V]



## RF-R 0.3-3

迷你型磁场探头 (30MHz-3GHz)

**LANGER**  
EMV-Technik

Probe head

