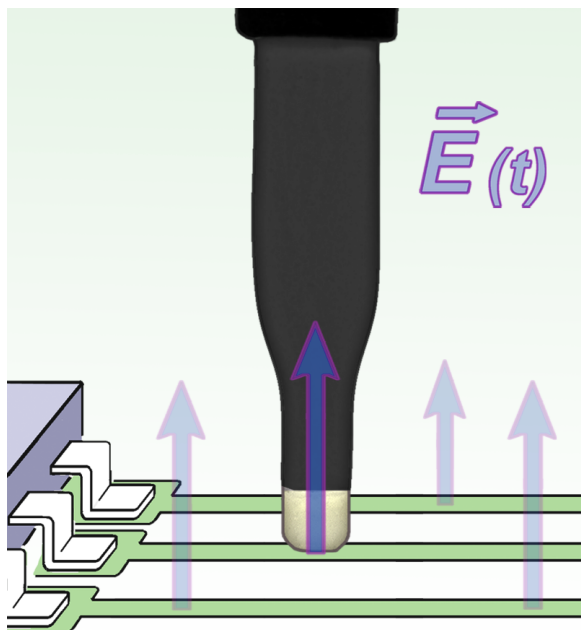


# RF-E 10

电场探头 (30MHz-3GHz)



## Short description

RF-E 10型电场探头的电极位于探头下边，约0.2mm宽，可以定位最小的电场源，例如0.1mm宽的导线，高引脚数集成电路的单个引脚。

The RF-E 10 is a passive near-field probe. It has a higher resolution than the RF-E 02 and RF-E 05 probes. Because the probe head should be positioned directly onto the measuring object (high electrical field strength), it is not suitable for measurements within high-scale ranges. This can be done using RF-E 05 and RF-E 02. The E-field probe is small and handy. It has a current attenuating shield and its upper side is electrically shielded. It can be connected to a spectrum analyzer or an oscilloscope with a 50  $\Omega$  input. The E-field probe does not have an internal terminating resistance of 50  $\Omega$ .

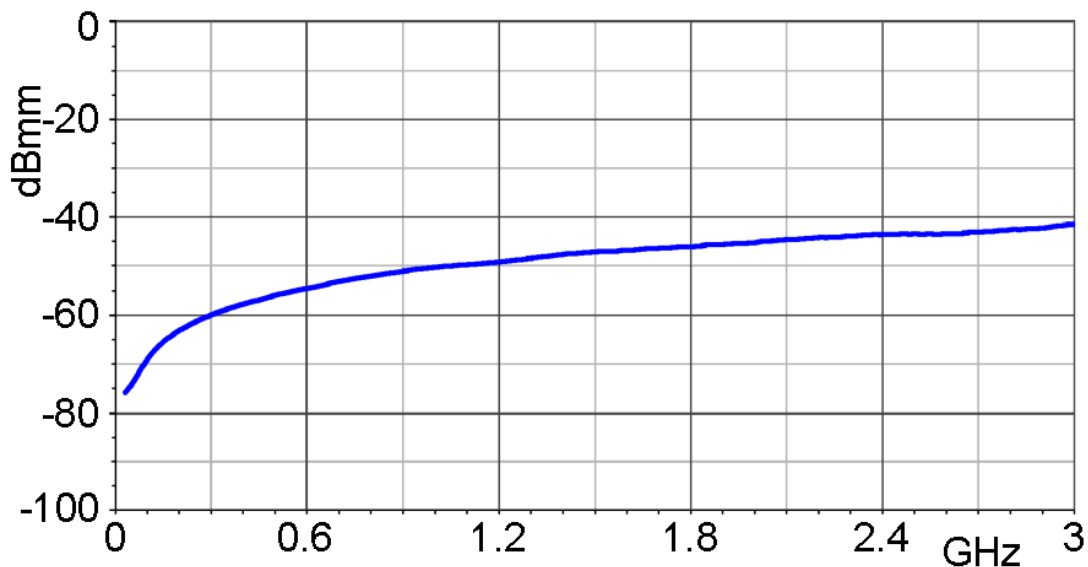
## Technical parameters

|      |                             |
|------|-----------------------------|
| 频率范围 | 30 MHz ... 3 GHz            |
| 分辨率  | $\approx 0.2$ mm            |
| 探头尺寸 | $\approx (0.5 \times 2)$ mm |
| 输出接口 | SMB, male, jack             |
| 重量   | 15 g                        |

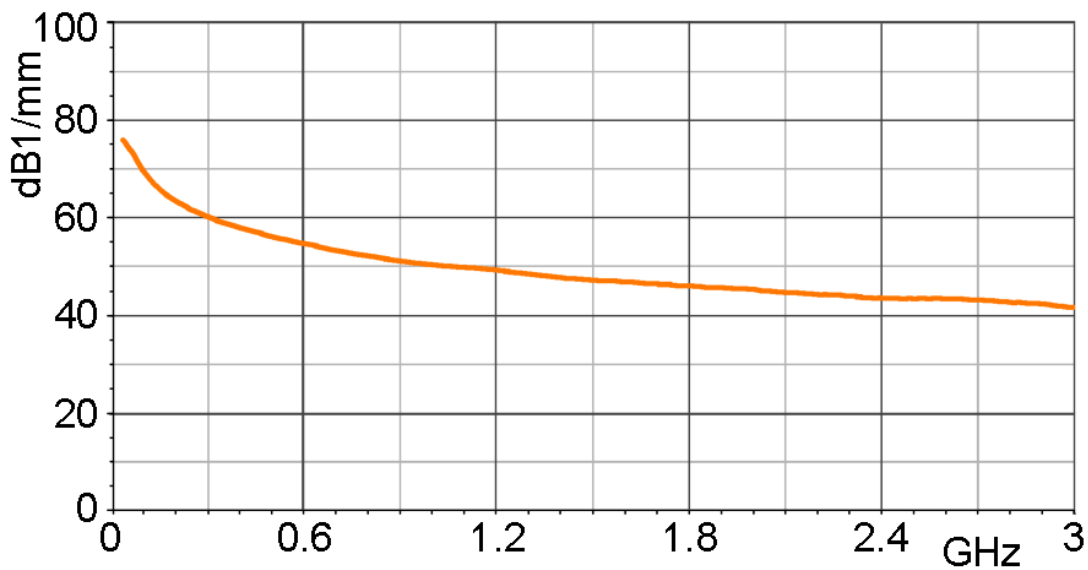
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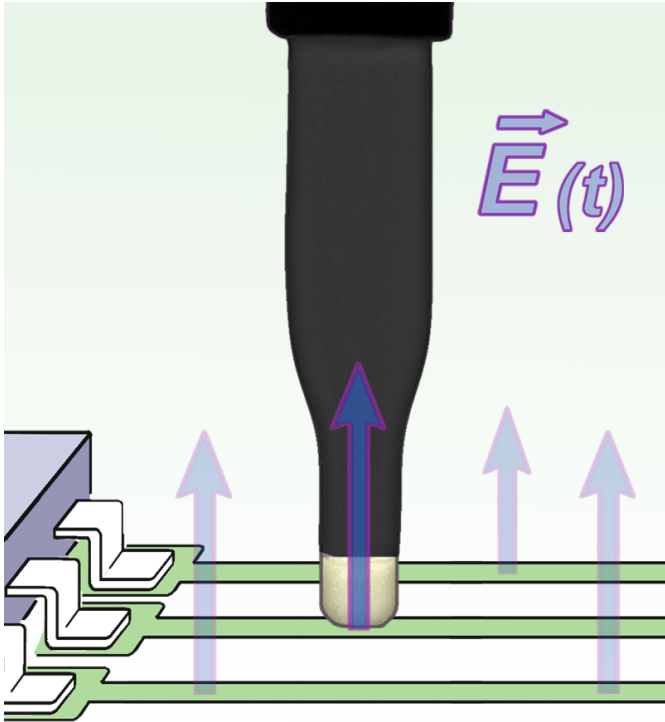
频率特性 [dB $\mu$ V] / [dB $\mu$ V/mm]



电场校正曲线 [dB $\mu$ V/mm] / [dB $\mu$ V]



RF-E 10  
电场探头 (30MHz-3GHz)



Probe head

