

# RF-E 04

电场探头 (30MHz-3GHz)



## Short description

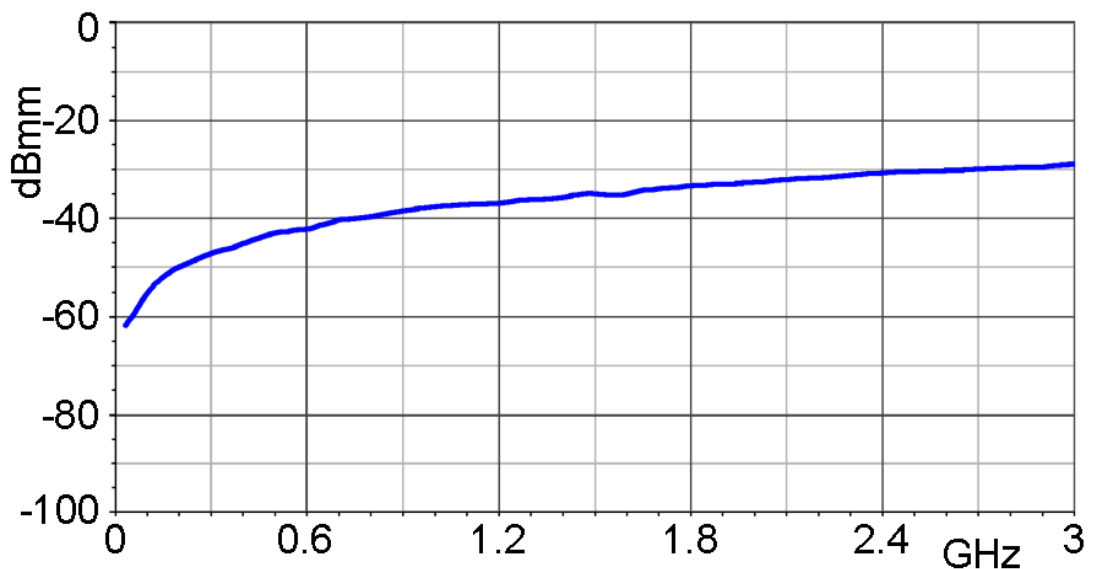
RF-E 04型探头用于检测由时钟线和IC表面产生的电场，其灵敏度允许在一定的距离（0.5mm到10mm）检测电子模块的电场。

The RF-E 04 is a passive near-field probe. In principle it has the same structure as the RF-E 03 and RF-E 09 probes. With its small square electrode surface, the specific source of the electrical interference field can be detected. When measuring, the E-field probe is held above or positioned onto components and printed circuit boards. The near-field probe is small and handy. The upperside is electrically shielded. 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 E-field probe does not have an internal terminating resistance of  $50 \Omega$ .

## Technical parameters

频率范围	30 MHz ... 3 GHz
探头尺寸	$\approx (5 \times 5)$ mm
接口	SMB, male, jack

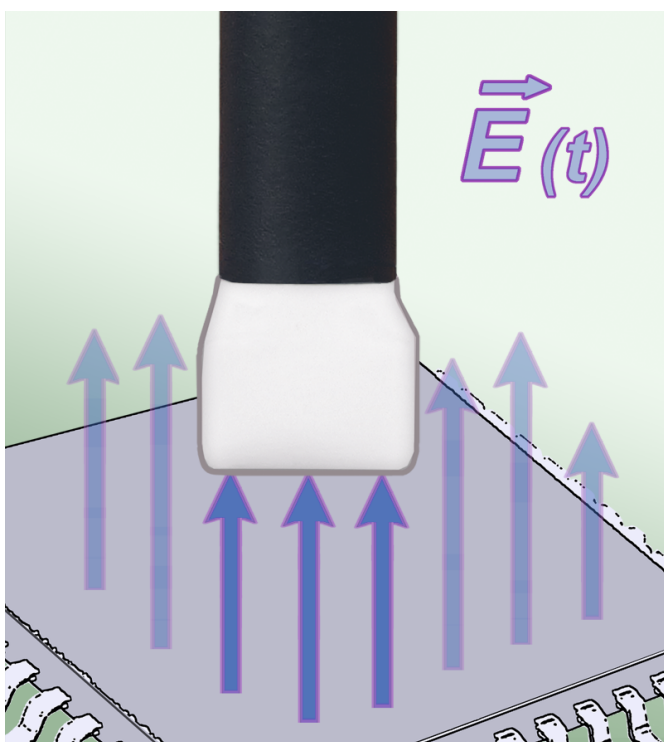
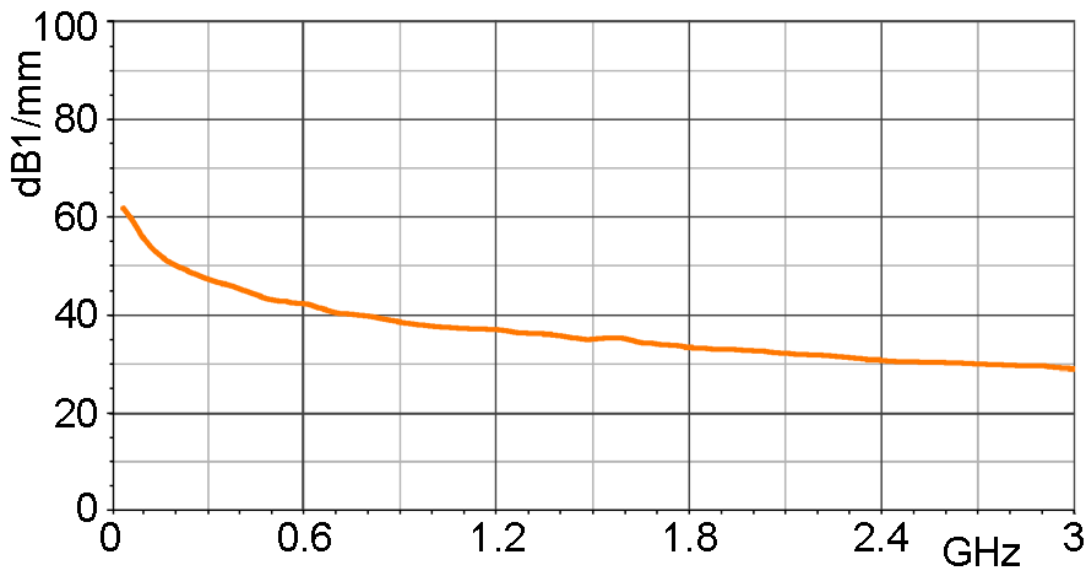
频率特性



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电场校正曲线 [dB $\mu$ V/mm] / [dB $\mu$ V]



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Probe head

