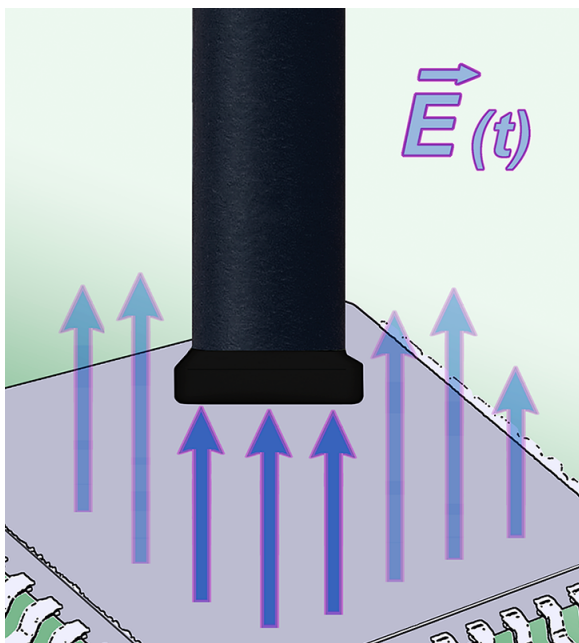


## RF-E 03

E-Field Probe 30 MHz up to 3 GHz



### Short description

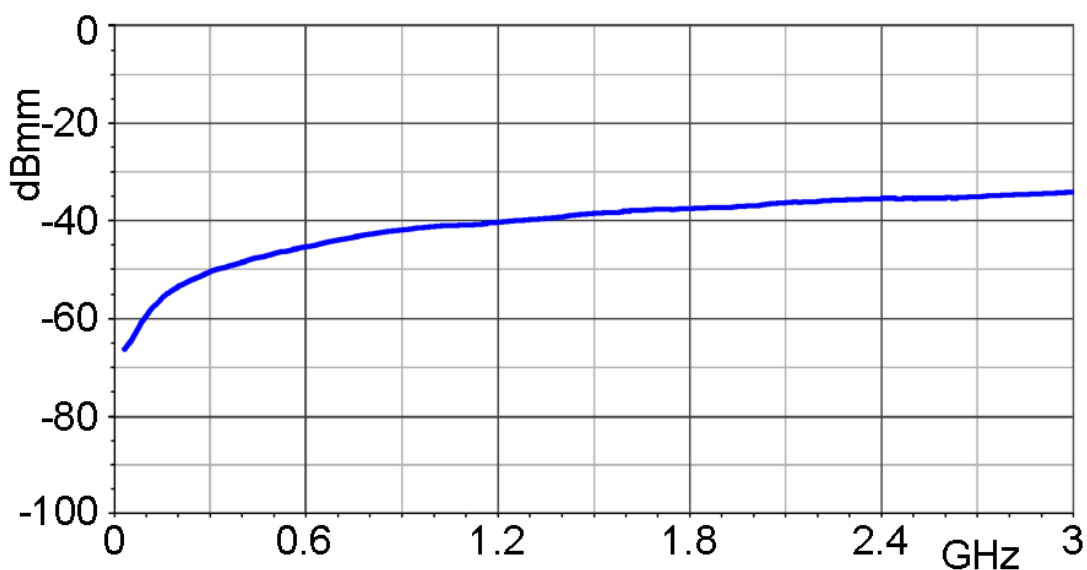
The electrode underneath the RF-E 03 probe head is approx. 4 x 4 mm. With it small E field sources can be localized, e.g. conducting paths, single component of Printed circuit boards. The RF-E 03 probe was developed for Langer scanner.

The RF-E 03 is a passive near field probe. Normally the probe head is positioned directly on the measured object (high electrical field strength). 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.

### Technical parameters

|                        |                           |
|------------------------|---------------------------|
| Frequency range        | 30 MHz - 3 GHz            |
| Connector - output     | SMB, male, jack           |
| Electrode surface area | $\approx (4 \times 4)$ mm |

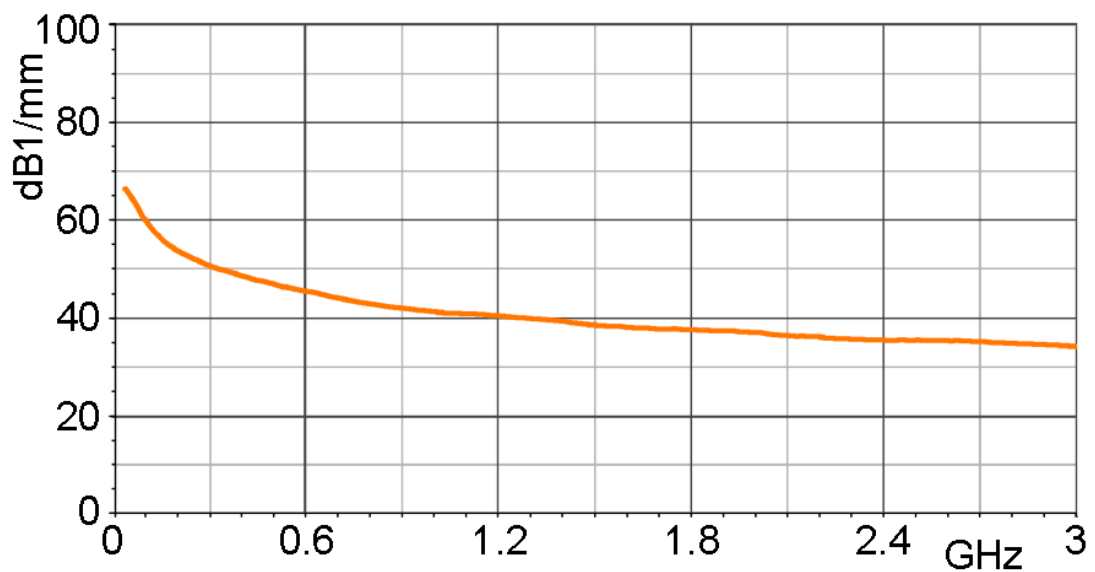
### Frequency response



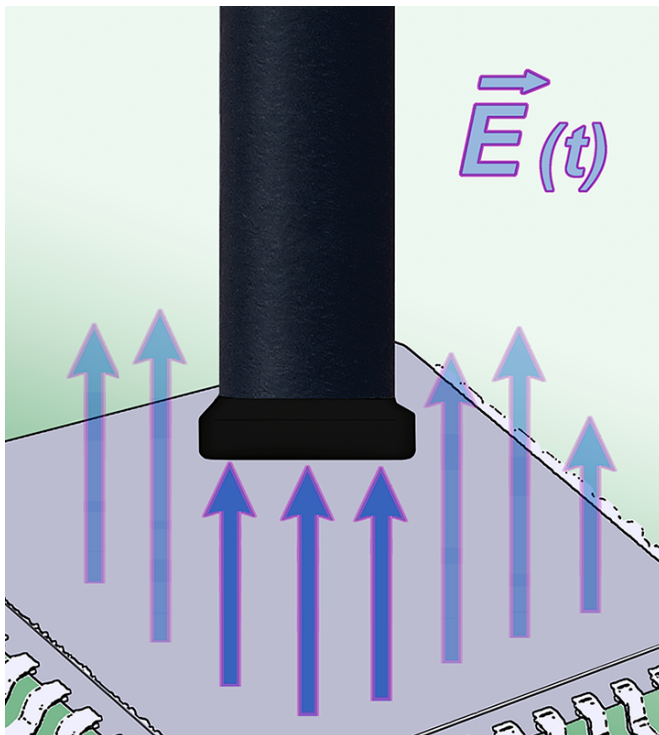
## RF-E 03

E-Field Probe 30 MHz up to 3 GHz

E- field correction curve [dB $\mu$ V/mm] / [dB $\mu$ V]



Measuring principles



# RF-E 03

E-Field Probe 30 MHz up to 3 GHz

**LANGER**  
EMV-Technik

Probe head

