

# RFS-R 50

Scanner Probe 30 MHz up to 3 GHz



## Short description

The RFS-R 50 H-field probe is designed for taking field measurements on assemblies, devices or cables at a distance of up to approx. 3 cm. The H-field probe can be used to identify larger components as sources of interference.

The RFS-R 50 is a passive near-field probe. 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. It does not have an internal terminating resistance.

## Technical parameters

|                       |                     |
|-----------------------|---------------------|
| Frequency range       | 30 MHz ... 3 GHz    |
| Probe head dimensions | $\varnothing$ 10 mm |
| Connector - output    | SMA, male, plug     |
| Length                | $\approx$ 55 mm     |

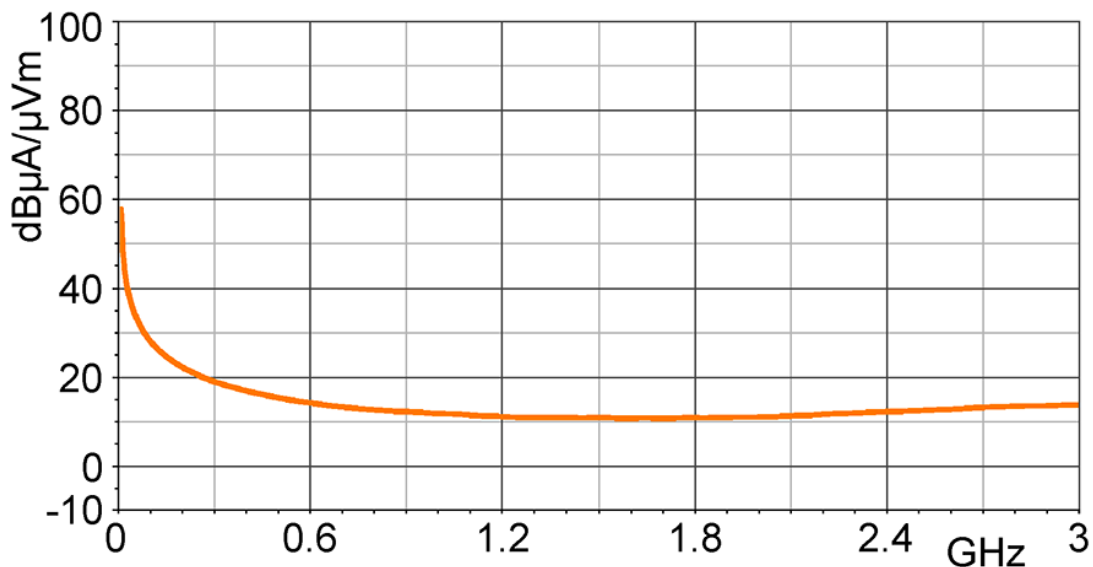
## Frequency response



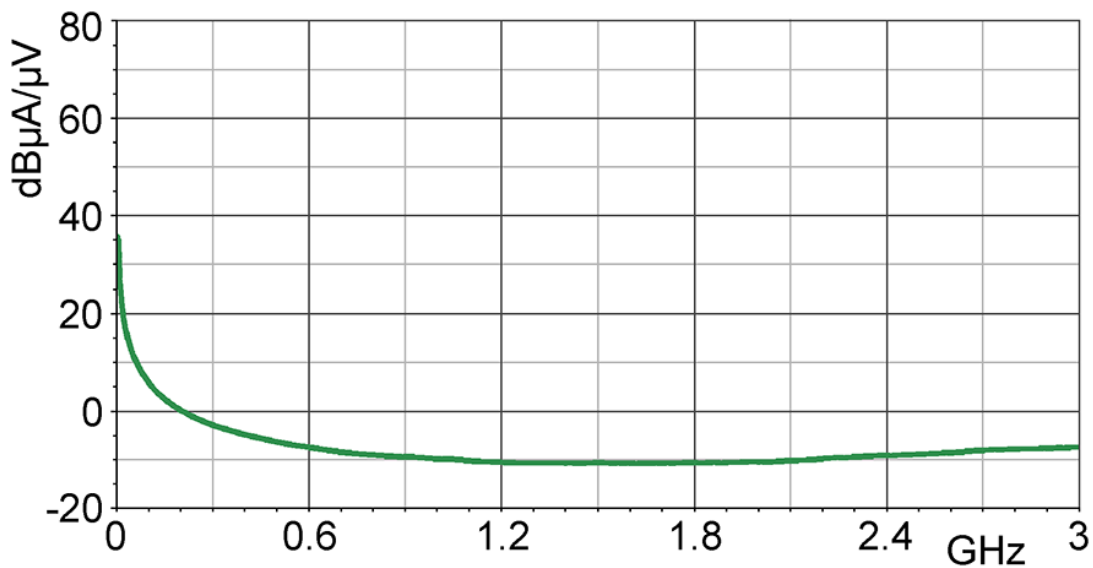
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H-field correction curve [dB $\mu$ A/m] / [dB $\mu$ V]



Current correction curve [dB $\mu$ A] / [dB $\mu$ V]



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## Measuring principles

