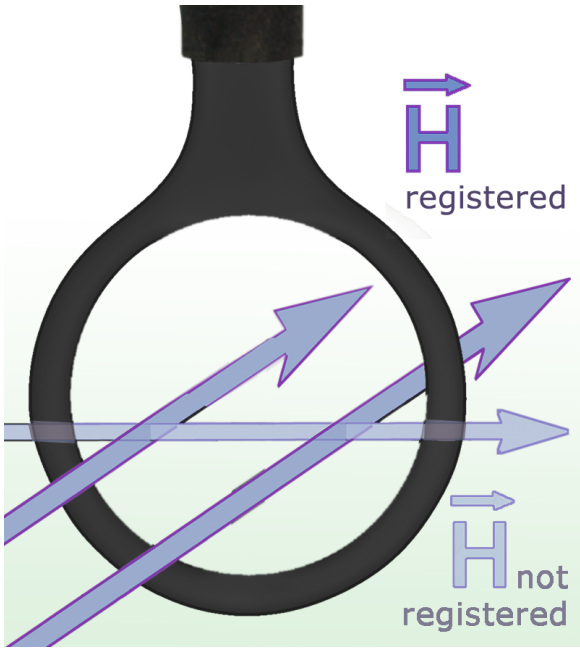
RF-R 400-1

H-Field Probe 30 MHz up to 3 GHz



Short description

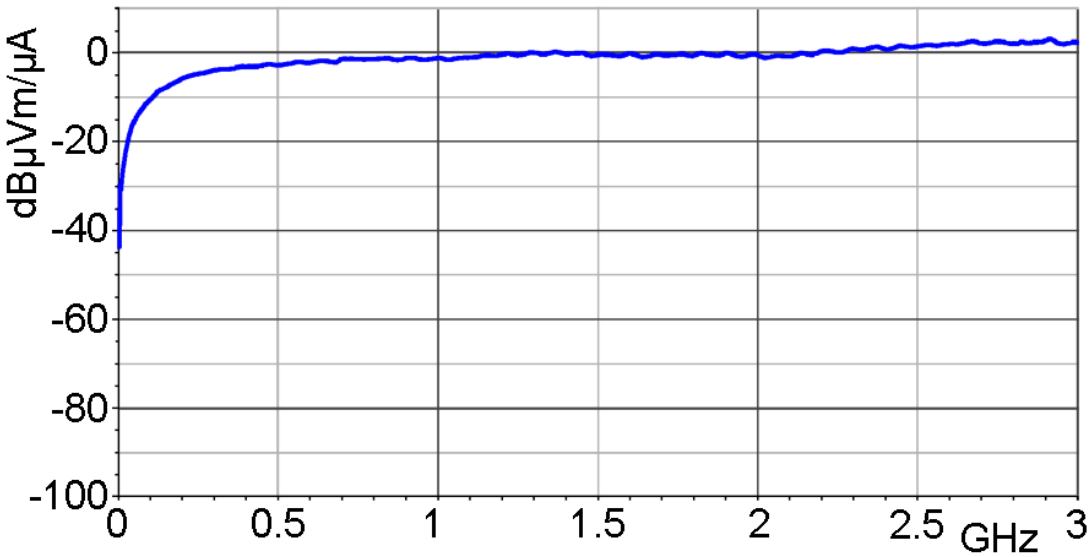
Due to its large diameter (25 mm) the RF-R 400-1 H-field probe is highly sensitive and is suitable for measurements at distances up to 10 cm around assemblies and devices.

The RF-R 400-1 is a passive near-field probe. In principle it has the same structure as the probes RF-R 50-1 and RF-R 3-2. The near-field probe is small and handy. 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 Ω input. The H-field probe does not have an internal terminating resistance of 50 Ω.

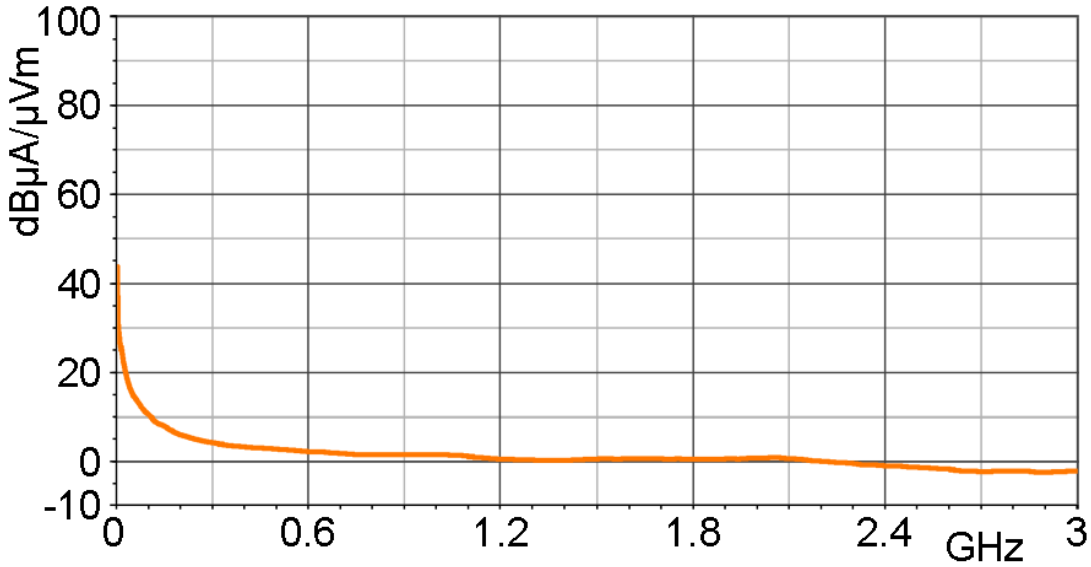
Technical parameters

Frequency range	30 MHz ... 3 GHz
Probe head dimensions:	Ø ≈ 25 mm
Connector - output	SMB, male, jack
Weight	15 g

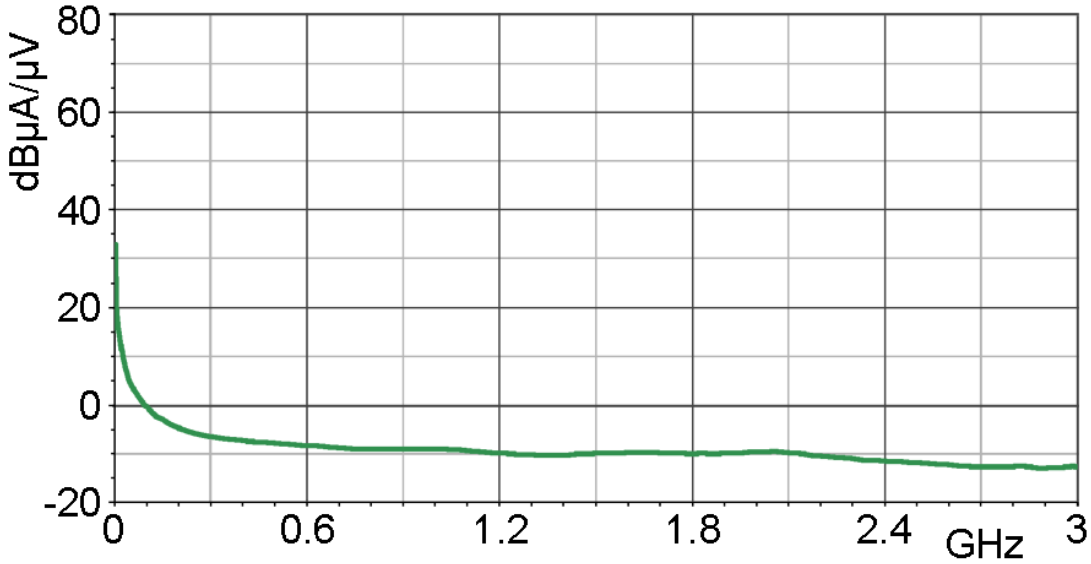
Frequency response [dBµV] / [dBµA/m]



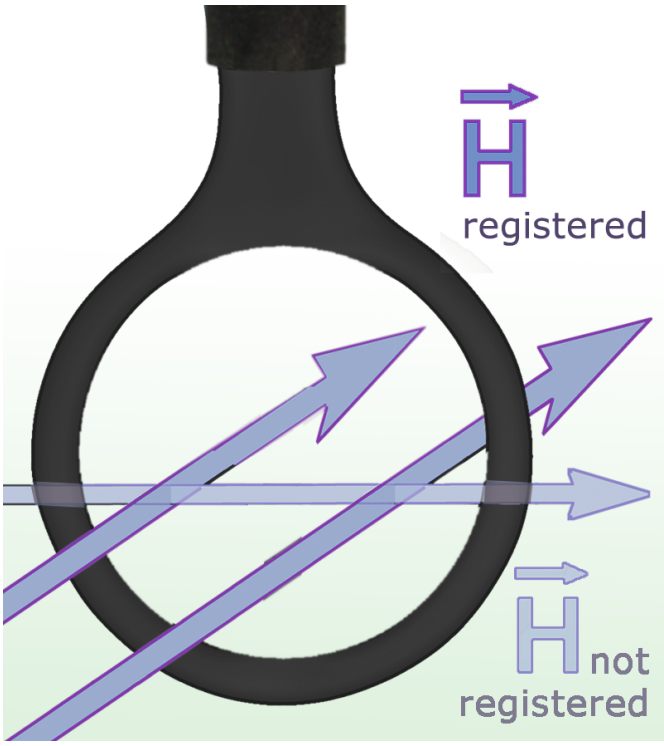
H-field correction curve [dBµA/m] / [dBµV]



Current correction curve [dBµA] / [dBµV]



Measuring principles



Probe head