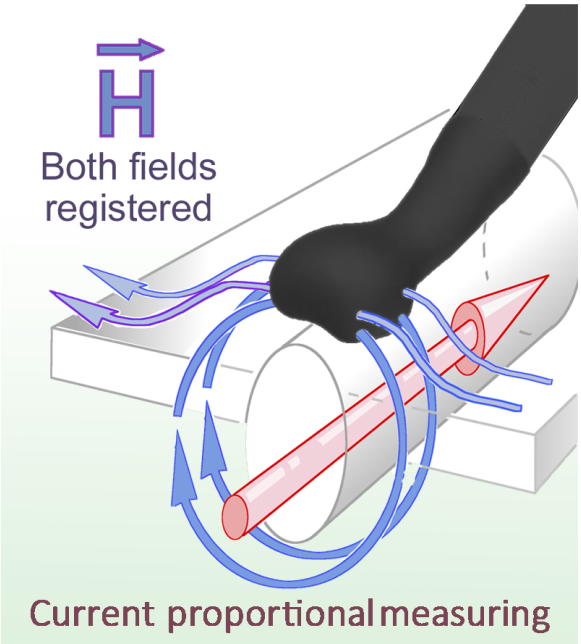
RF-U 5-2

H-Field Probe 30 MHz up to 3 GHz



Short description

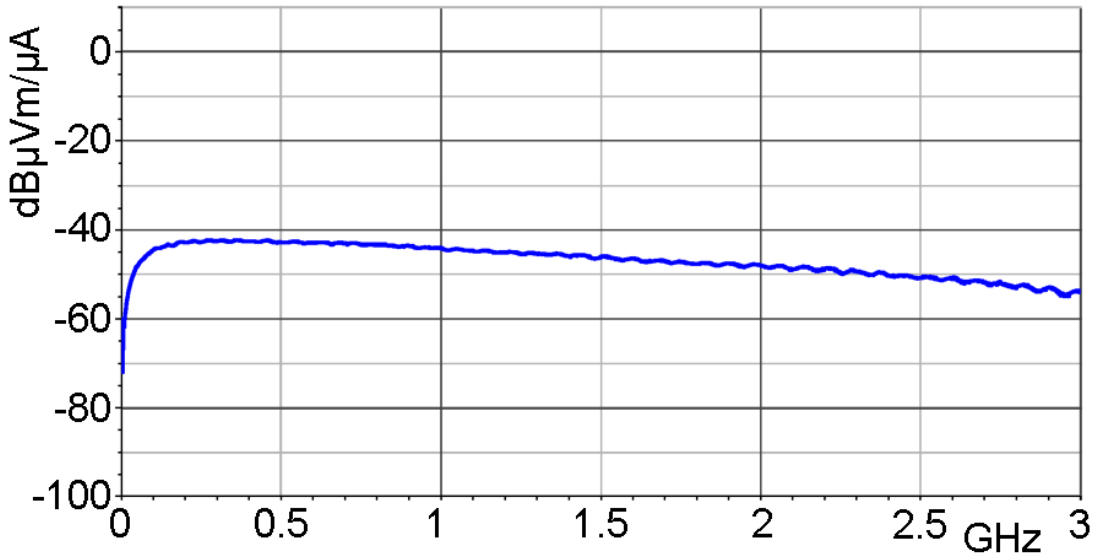
The RF-U 5-2 H-field probe is designed for detecting magnetical fields at broad conducting paths, cables, connectors, electronic components and their connections. The probe functions like a coupling clamp.

The RF-U 5-2 is a small and handy, passive near-field probe. For best coupling, the probe head should be positioned directly onto the component. Field lines from other sources entering the probe laterally or in a straight line are also detected. It has a current attenuating steath and its upper side 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.

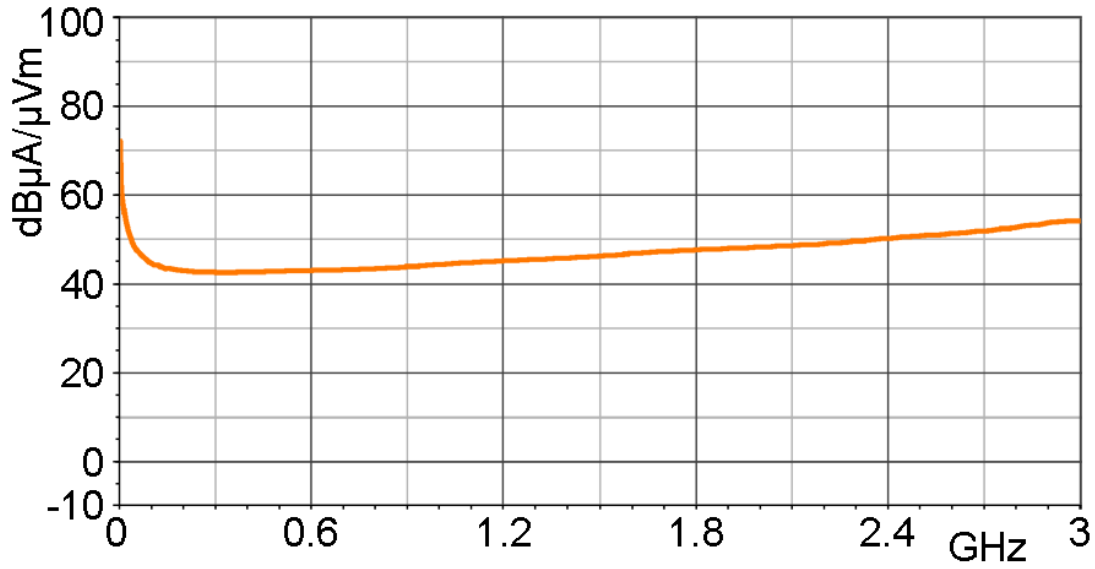
Technical parameters

Frequency range	30 MHz ... 3 GHz
Resolution	≈ 5 mm
Probe head dimensions:	≈ (6 x 6) mm
Connector - output	SMB, male, jack
Weight	15 g

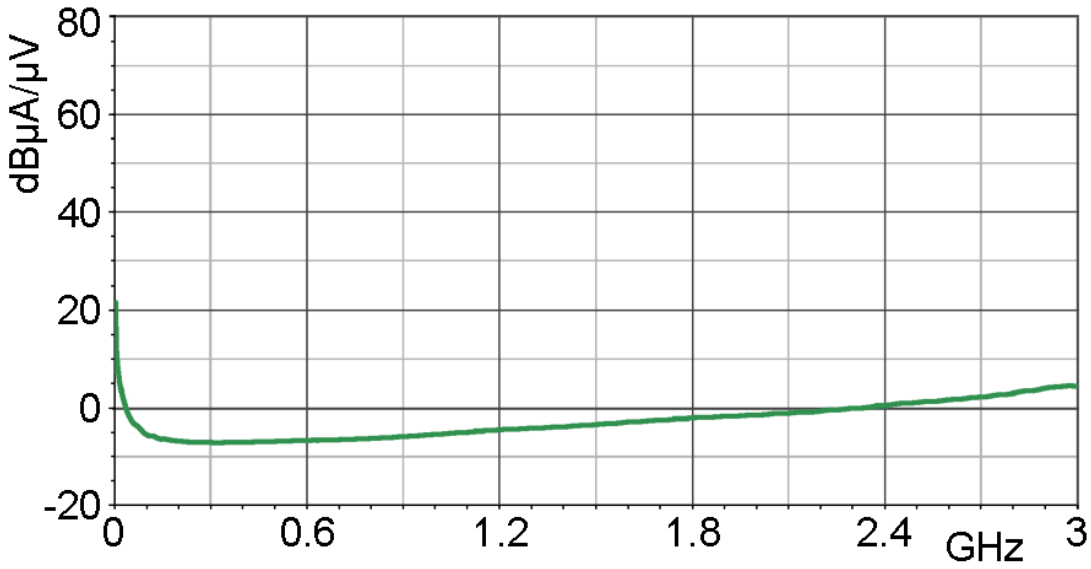
Frequency response [dBµV] / [dBµA/m]



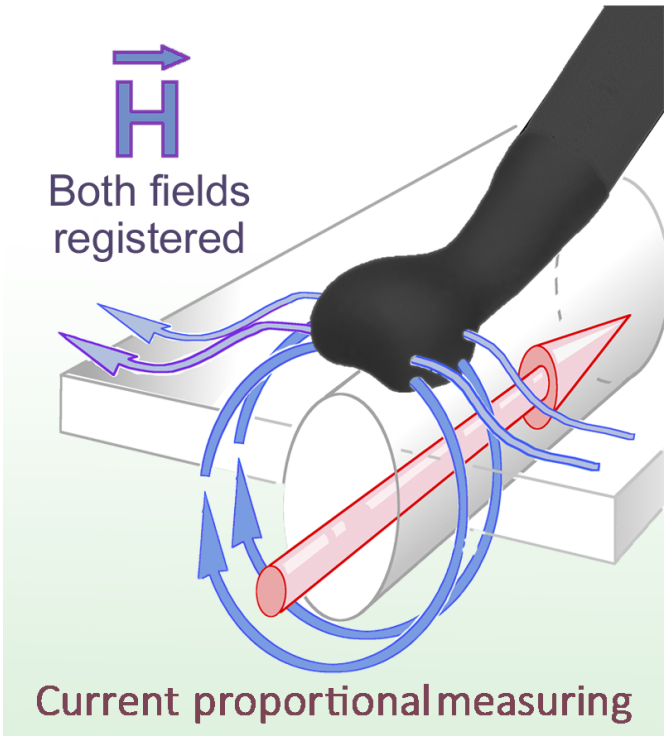
H-field correction curve [dBµA/m] / [dBµV]



Current correction curve [dBµA] / [dBµV]



Measuring principles



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Probe head