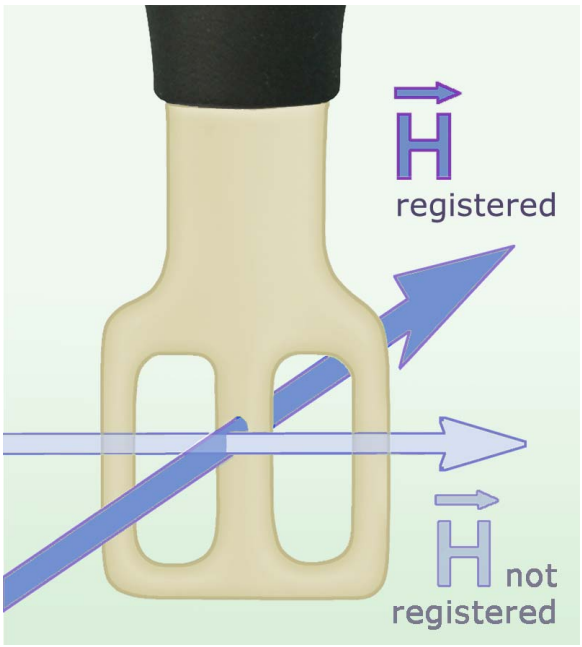
SX-R 20-1

H-Field Probe 1 GHz up to 20 GHz



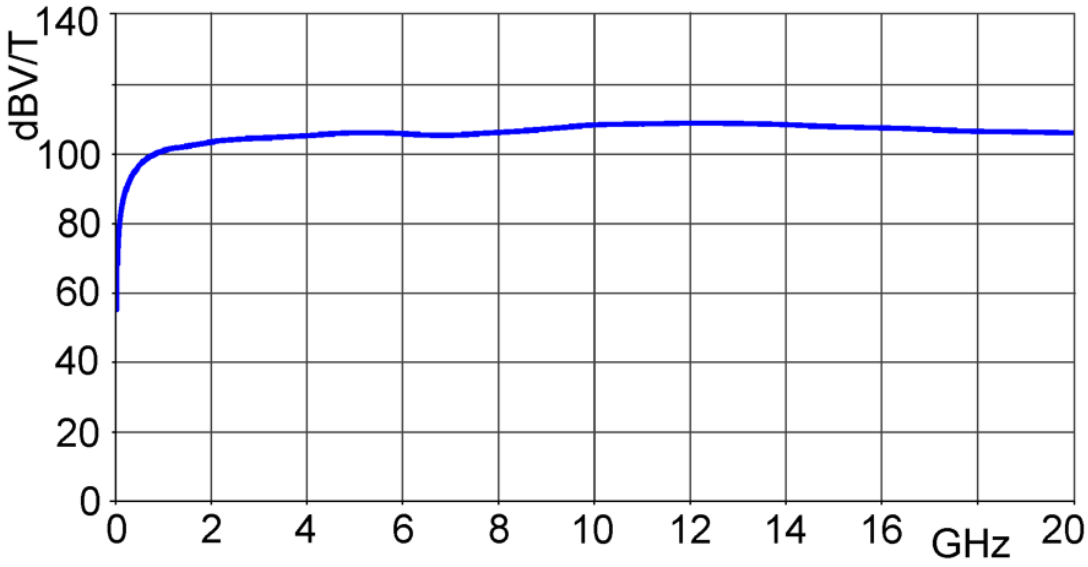
Short description

The SX-R 20-1 is a passive H-field probe covering a frequency range up to 20 GHz. The probe head of the SX-R 20-1 is very compact. This allows the location of very small H-field sources, e.g. on traces, individual components or above an IC. It has a current attenuating sheath and is electrically shielded. The near-field probe can be connected to a spectrum analyzer or an oscilloscope with a 50 Ω input.

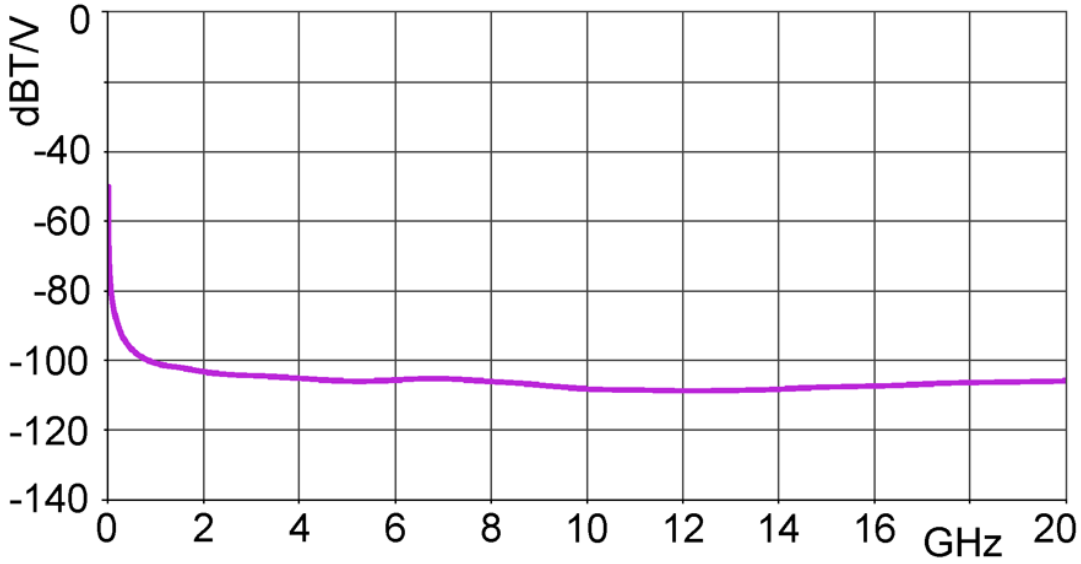
Technical parameters

Frequency range	1 GHz ... 20 GHz
Probe head dimensions	≈ 6x6 mm
Connector - output	SMA, female, jack

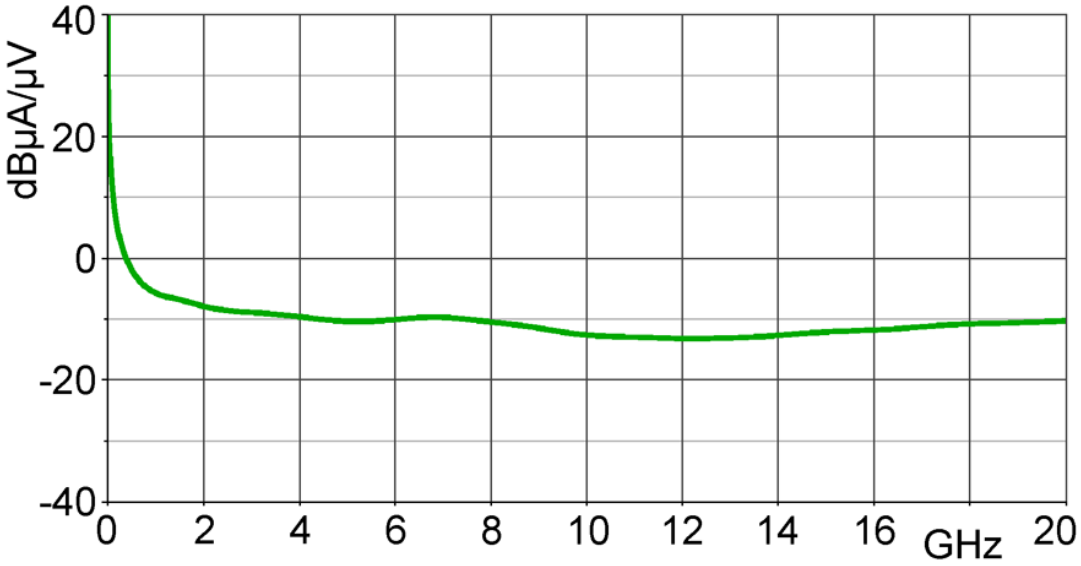
Frequency response



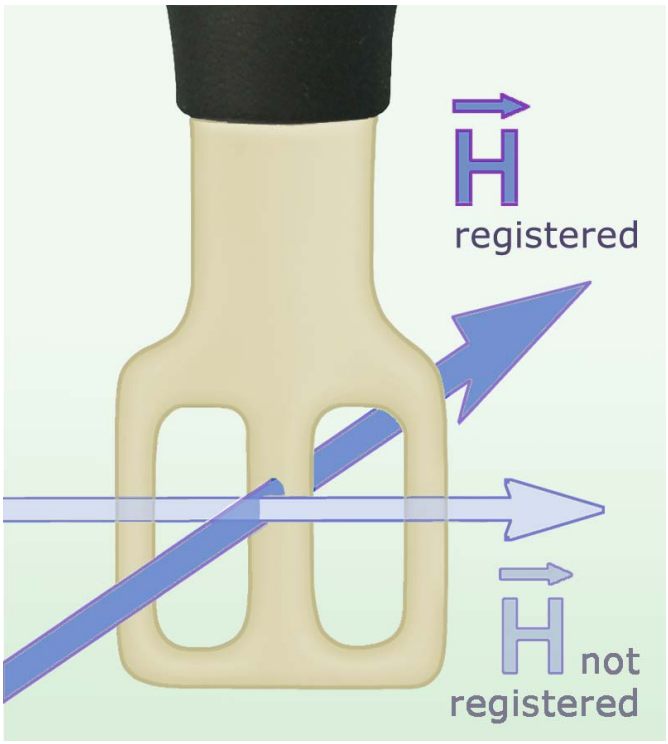
Correction curve flux density [dBµT] / [dBµV]



Current correction curve [dBµA] / [dBµV]



Measuring principles



SX-R 20-1 probe head