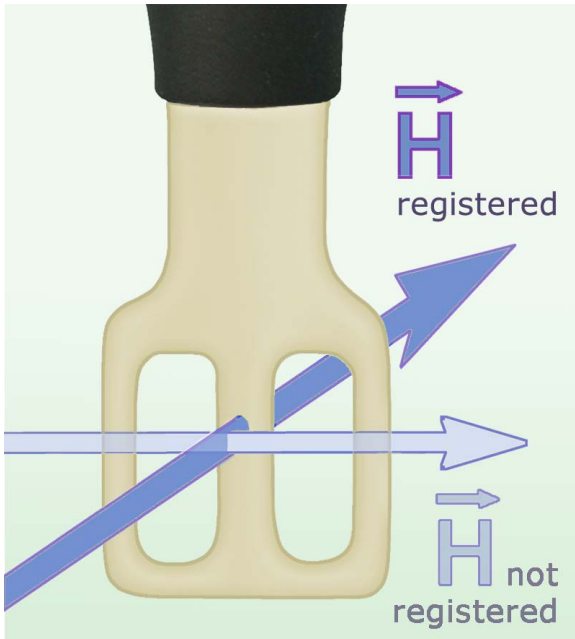


SX-R 20-1

H-Field Probe 1 GHz up to 20 GHz



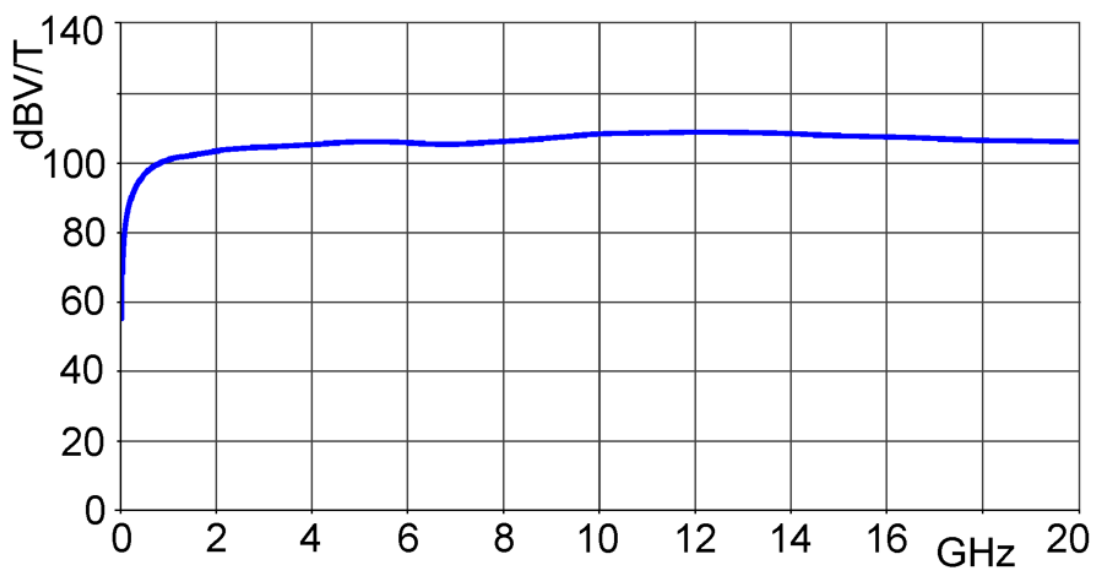
Short description

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 | $\approx 6 \times 6$ mm |
| Connector - output | SMA, female, jack |

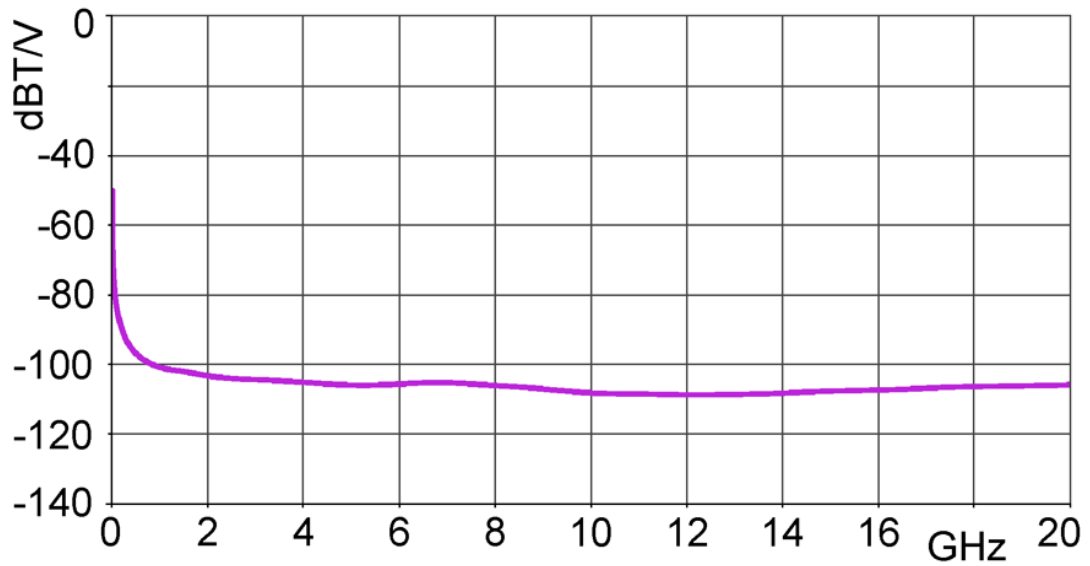
Frequency response



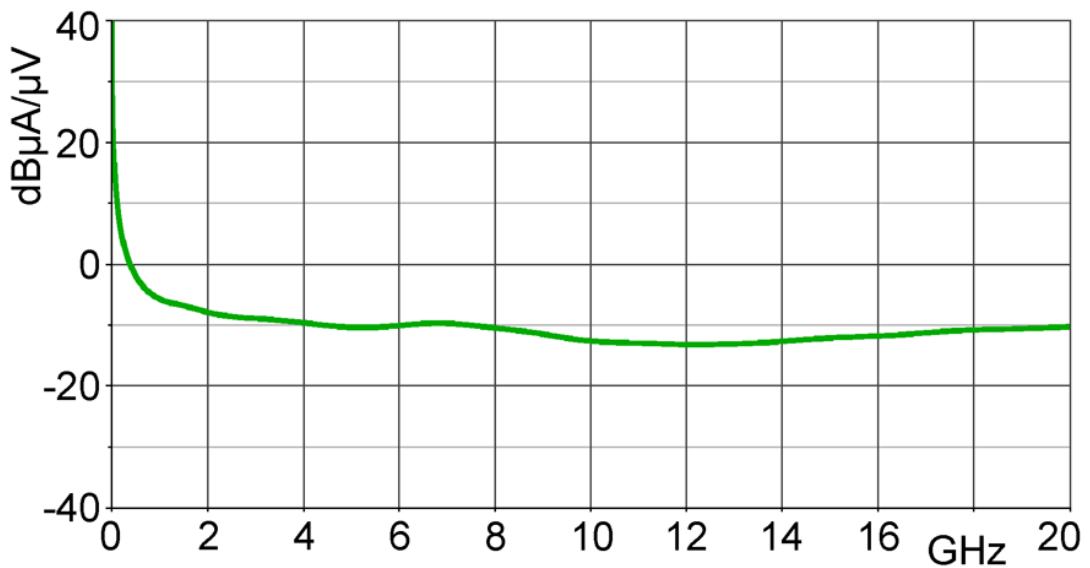
SX-R 20-1

H-Field Probe 1 GHz up to 20 GHz

Correction curve flux density [dB μ T] / [dB μ V]



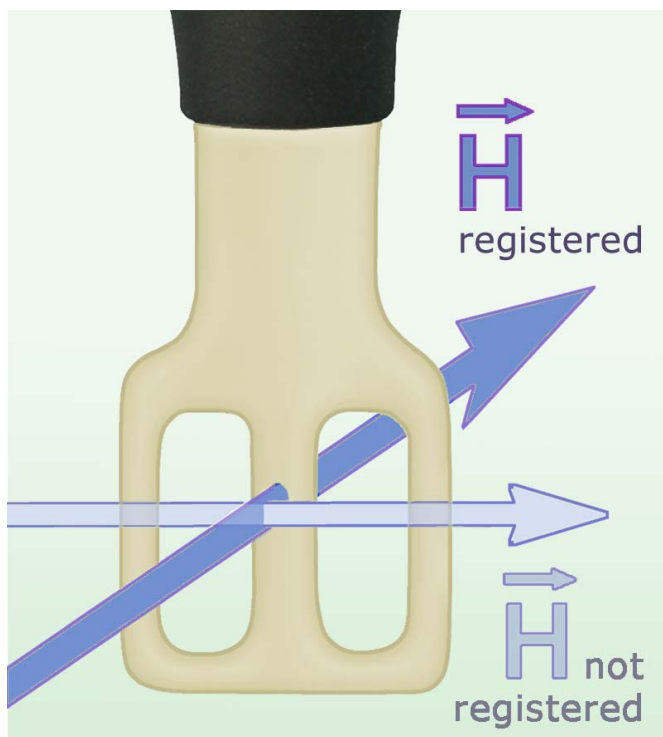
Current correction curve [dB μ A] / [dB μ V]



SX-R 20-1

H-Field Probe 1 GHz up to 20 GHz

Measuring principles



SX-R 20-1 probe head

