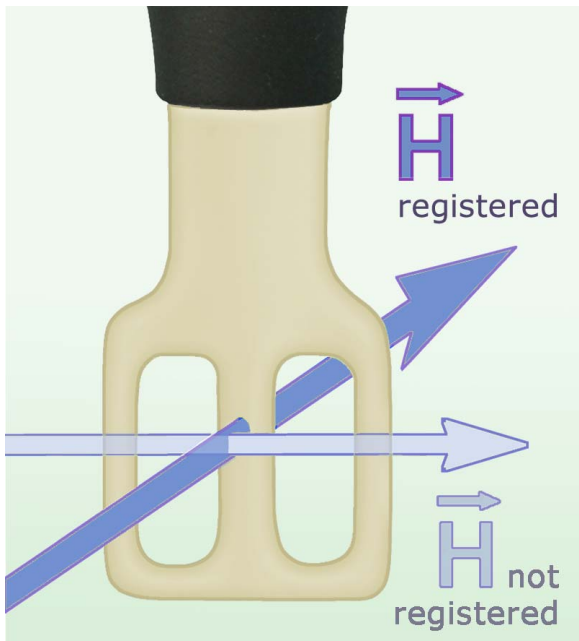


# SX-R 20-1

H-Field Probe 1 GHz up to 20 GHz



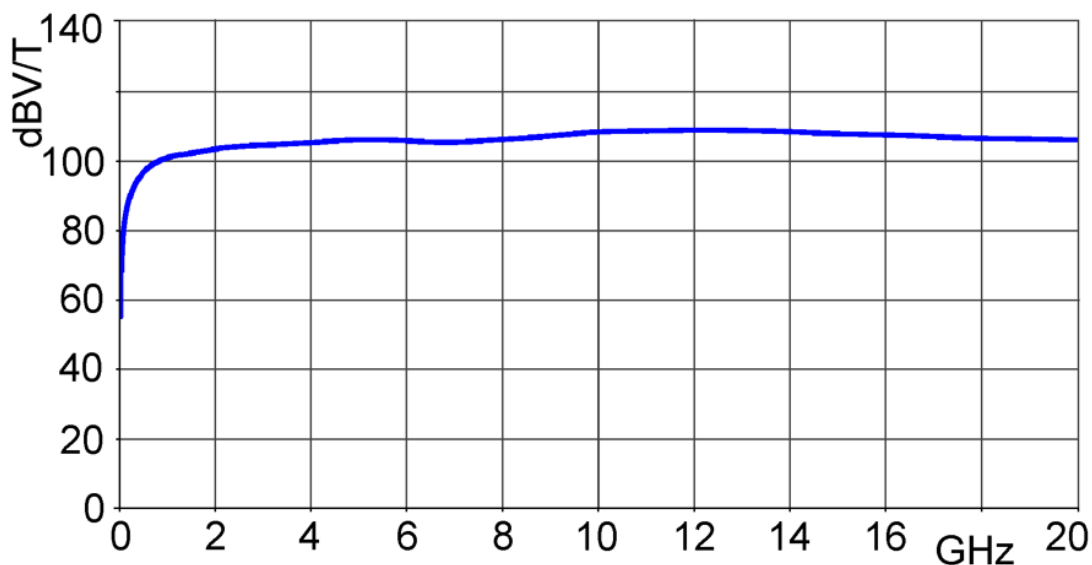
## Short description

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  $\Omega$  input.

## Technical parameters

Frequency range	1 GHz ... 20 GHz
Probe head dimensions	$\approx 6 \times 6$ mm
Connector - output	SMA, female, jack

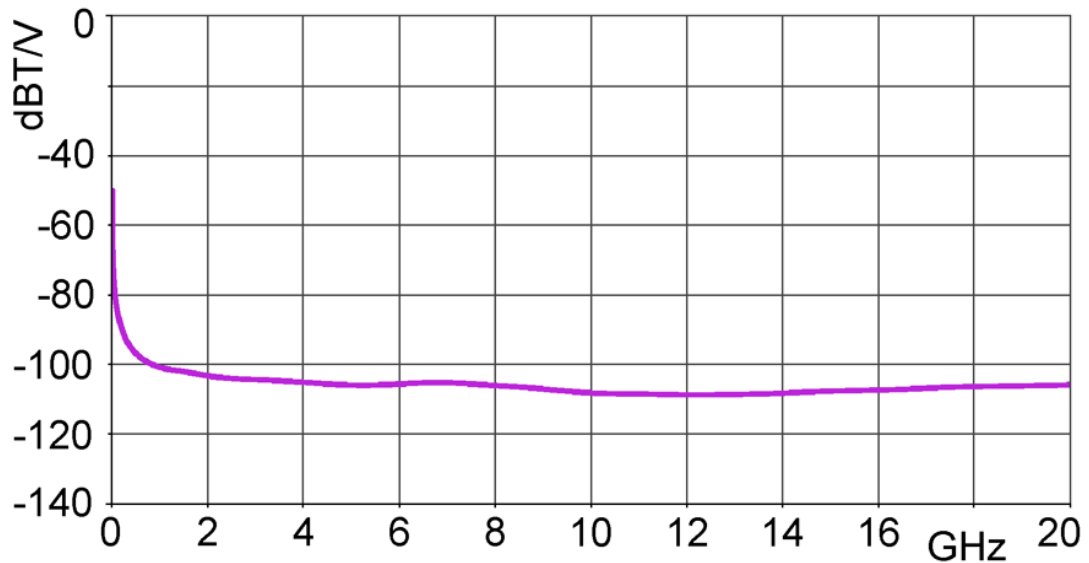
## Frequency response



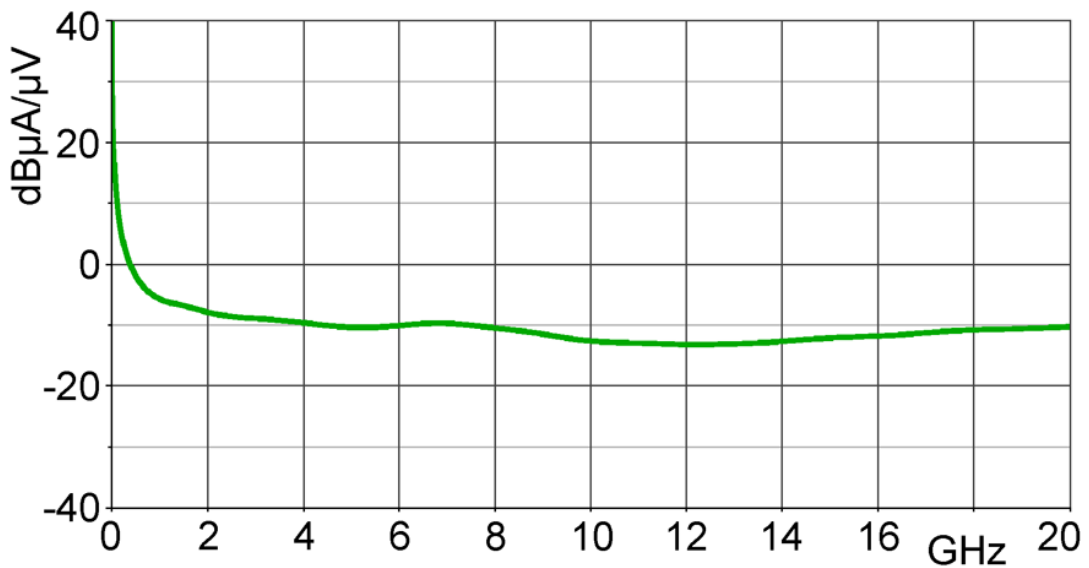
# SX-R 20-1

H-Field Probe 1 GHz up to 20 GHz

Correction curve flux density [dB $\mu$ T] / [dB $\mu$ V]



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



# SX-R 20-1

H-Field Probe 1 GHz up to 20 GHz

## Measuring principles



## SX-R 20-1 probe head

