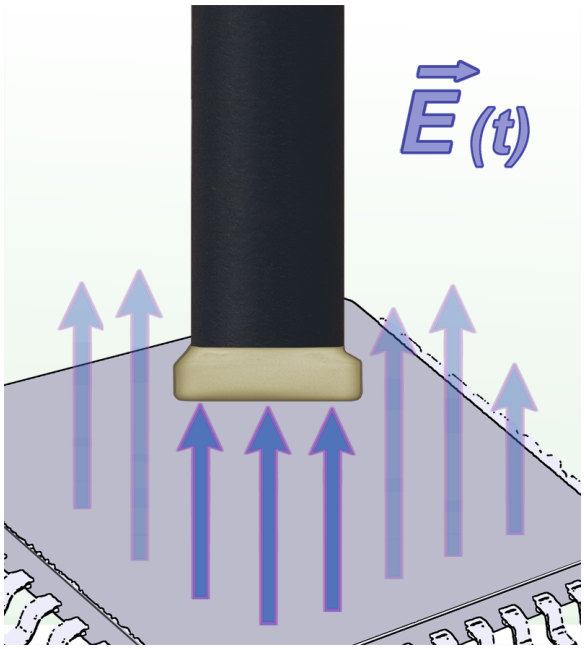
SX-E 03

E-Field Probe 1 GHz up to 10 GHz



Short description

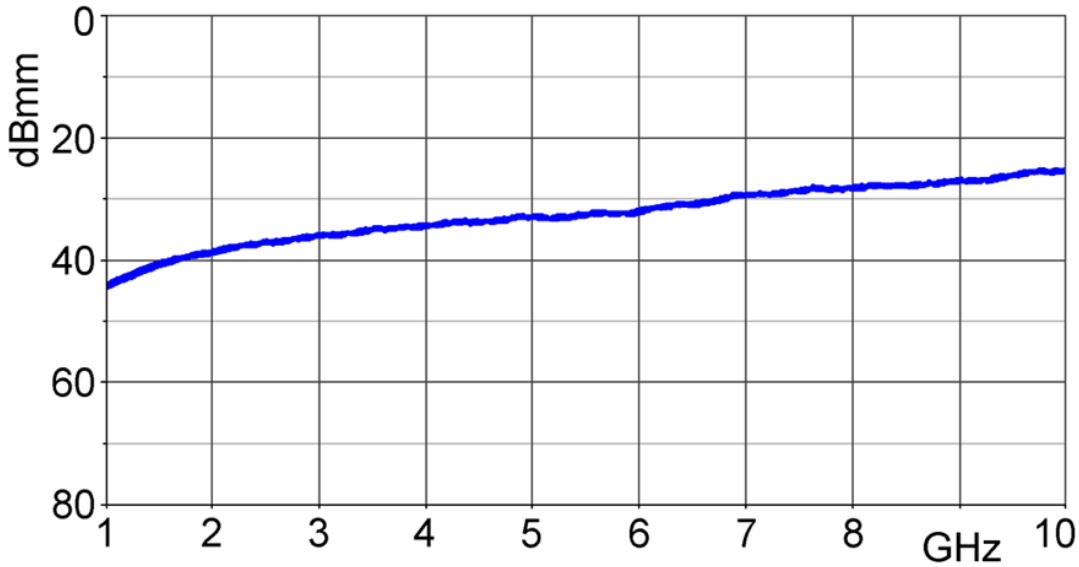
With 4x4 mm dimensions, the electrode on the underside of the probe head of the SX-E 03 is very compact. This allows for the localization of very small E-field sources, e.g. at conducting paths, single components, or on printed circuit boards.

The SX-E 03 is a passive near-field probe. To measure, the probe head is positioned directly onto the measured object, due to higher electrical field strength at the measured object. The near-field probe is small and handy. It has a current attenuating sheath and its upper side is electrically shielded. It can be connected to a spectrum analyzer or an oscilloscope with a 50 Ω input.

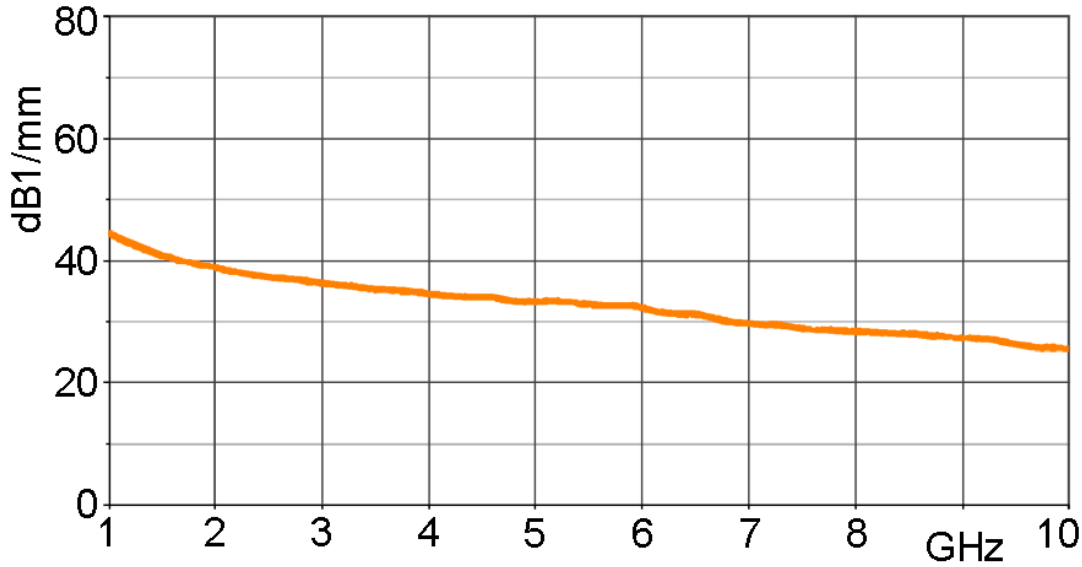
Technical parameters

Frequency range	1 GHz ... 10 GHz
Probe head dimensions:	≈ (4 x 4) mm
Connector - output	SMA, female, jack

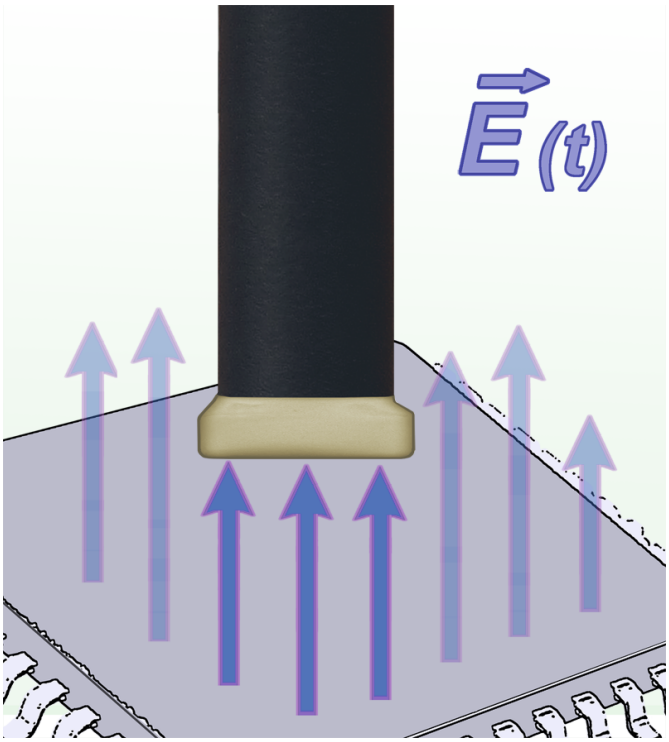
Frequency response [dBµV] / [dBµV/mm]



E- field correction curve [dBµV/mm] / [dBµV]



Measuring principles



Probe head