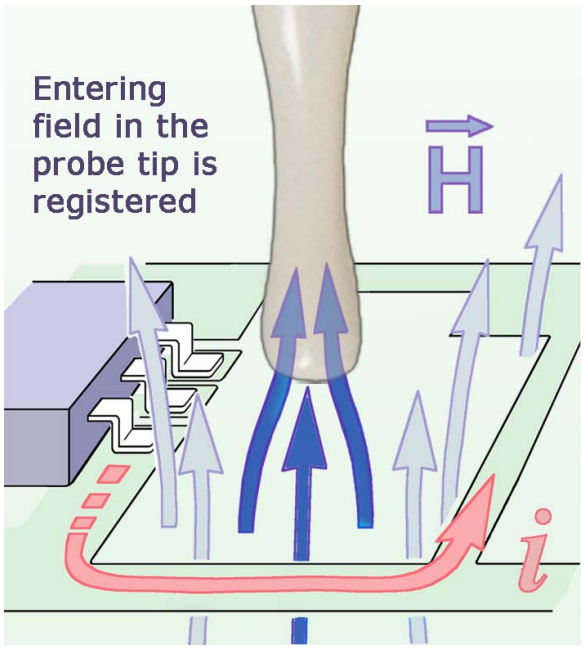
SX-B 3-1

H-Field Probe 1 GHz up to 10 GHz



Short description

The measurement coil of the SX-B 3-1 H-field probe is set at a 90° angle relative to the probe shaft. By positioning the probe head vertically, the measurement coil directly touches the surface of the printed circuit board. It is therefore possible to measure even hard to reach spots on the printed circuit board, e.g. between big components of switching controllers.

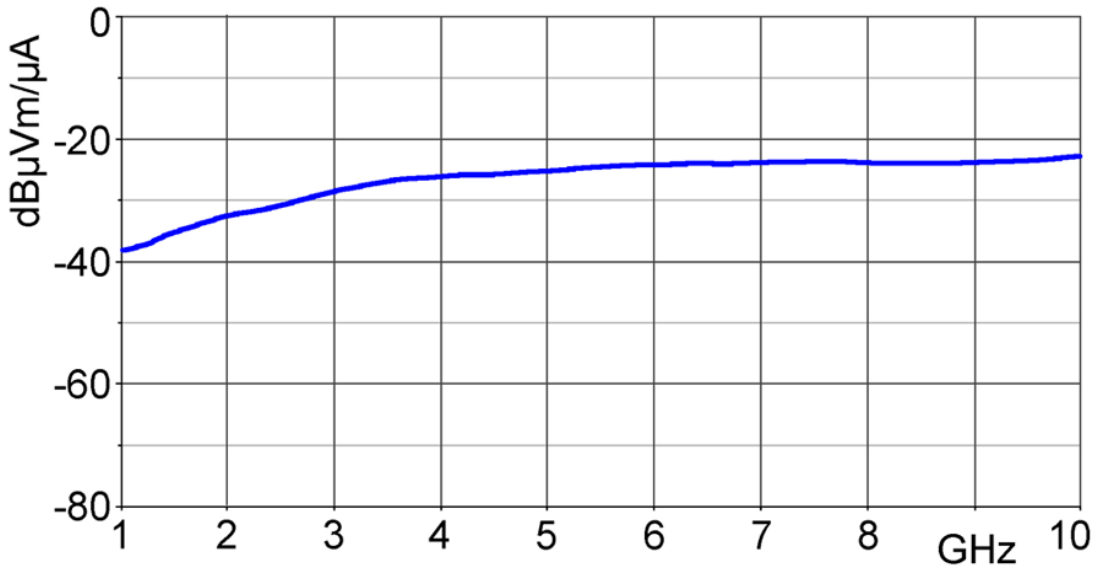
The SX-B 3-1 is a passive near-field probe. It detects magnetic field lines emitted orthogonally from the device. Magnetic field lines entering the probe laterally are not detected. In contrast to the SX-R 3-1 H-field probe, the coil of the SX-B 3-1 probe is positioned at a 90° angle. The near-field 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

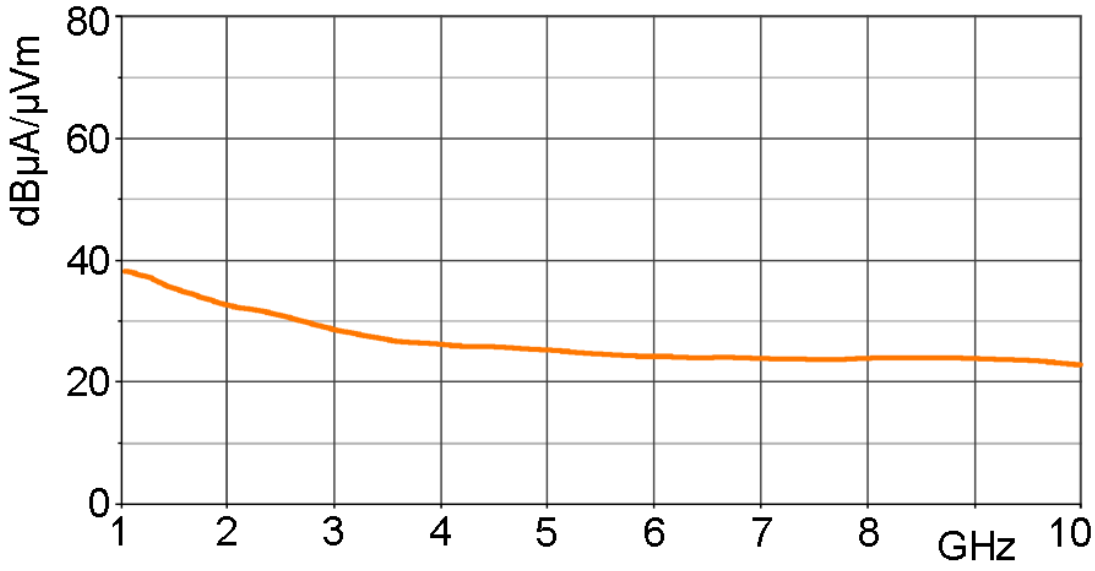
Frequency range	1 GHz ... 10 GHz
Resolution	≈ 2 mm
Probe head dimensions	Ø ≈ 4 mm
Connector - output	SMA, female, jack

Sales Partner:
ABSOLUTE EMC Llc.
Covering sales in North America
United States, Mexico, & Canada
absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

Frequency response



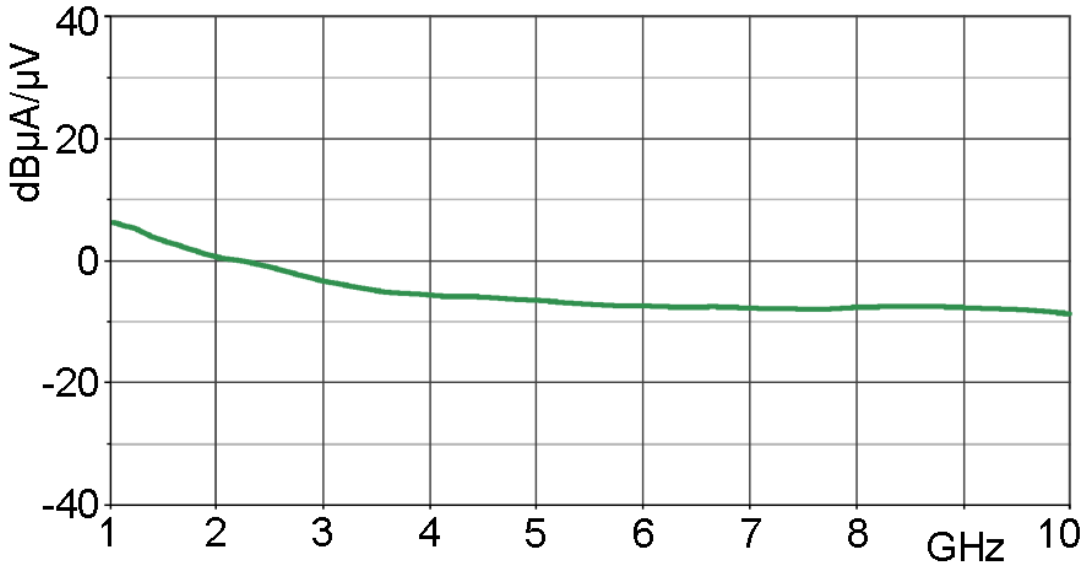
H-field correction curve [dBµA/m] / [dBµV]



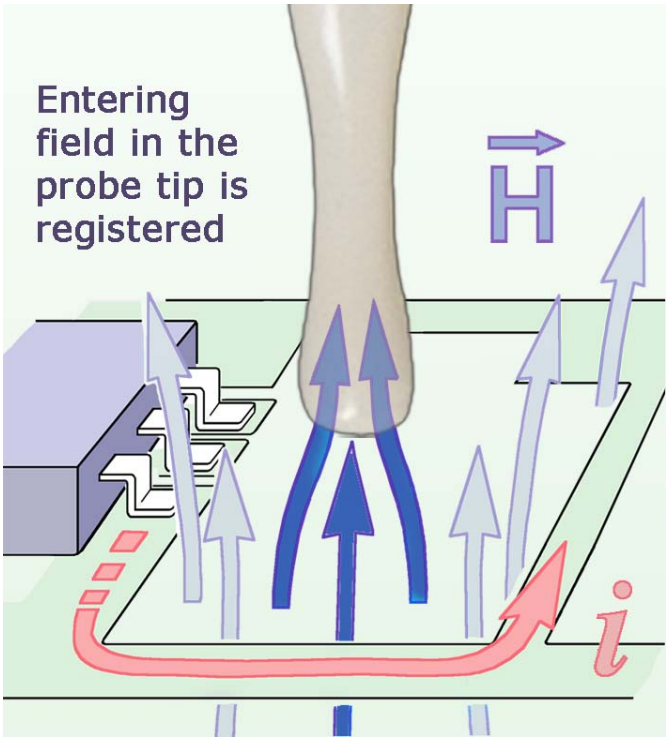
Sales Partner:
ABSOLUTE EMC
ABSOLUTE EMC Llc.
Covering sales in North America
United States, Mexico, & Canada

absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

Current correction curve [dBµA] / [dBµV]



Measuring principles



SX-B 3-1

H-Field Probe 1 GHz up to 10 GHz

LANGER EMV-Technik

Probe head



Sales Partner:

ABSOLUTE EMC

ABSOLUTE EMC Llc.
Covering sales in North America
United States, Mexico, & Canada

absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com