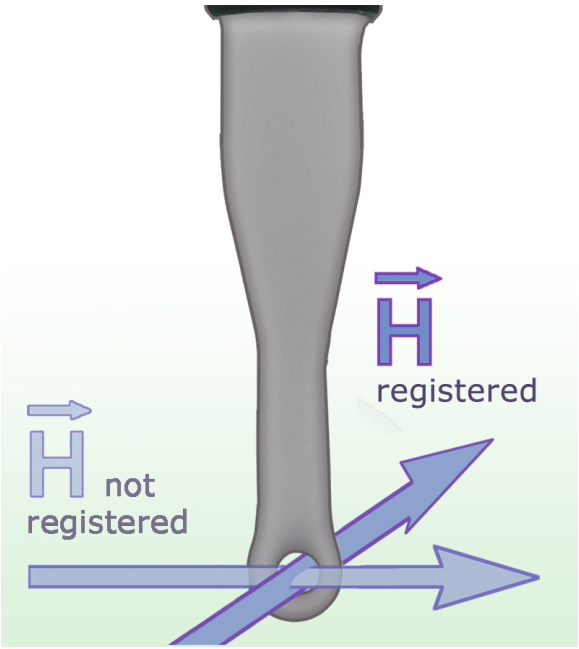
XF-R 3-1

H-Field Probe 30 MHz up to 6 GHz



Short description

The XF-R 3-1 near-field probe is designed for direct high-resolution measurements of RF magnetic fields on an assembly, e.g. around the pins and IC cases, conducting paths, decoupling capacitor, and EMC components.

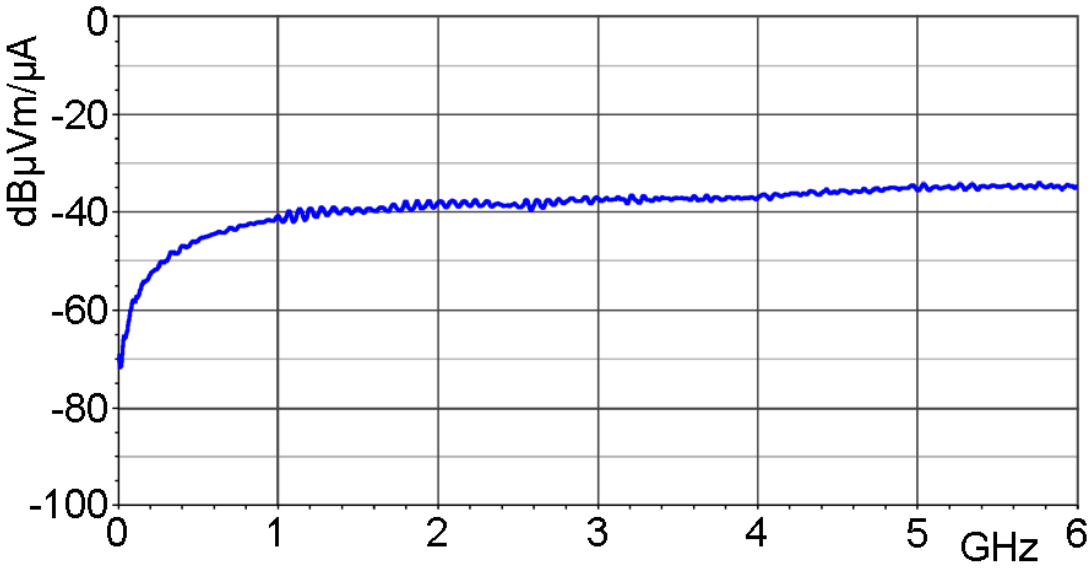
In principle the XF-R 3-1 H-field probe has the same structure as the XF-R 100-1 and XF-R 400-1 probes. The resolution of the XF-R 3-1 is significantly higher. The H-field probe is suitable for measurements close to the components with high magnetic field strength. It is not suitable for measurements from large distances, which can be done using XF-R 400-1 and XF-R 100-1. The near-field probe is small and handy. It has a current attenuating sheath and, therefore, is electrically shielded. It can be connected to a spectrum analyzer or an oscilloscope with a 50 Ω input. The H-field probe has an internal terminating resistance.

Technical parameters

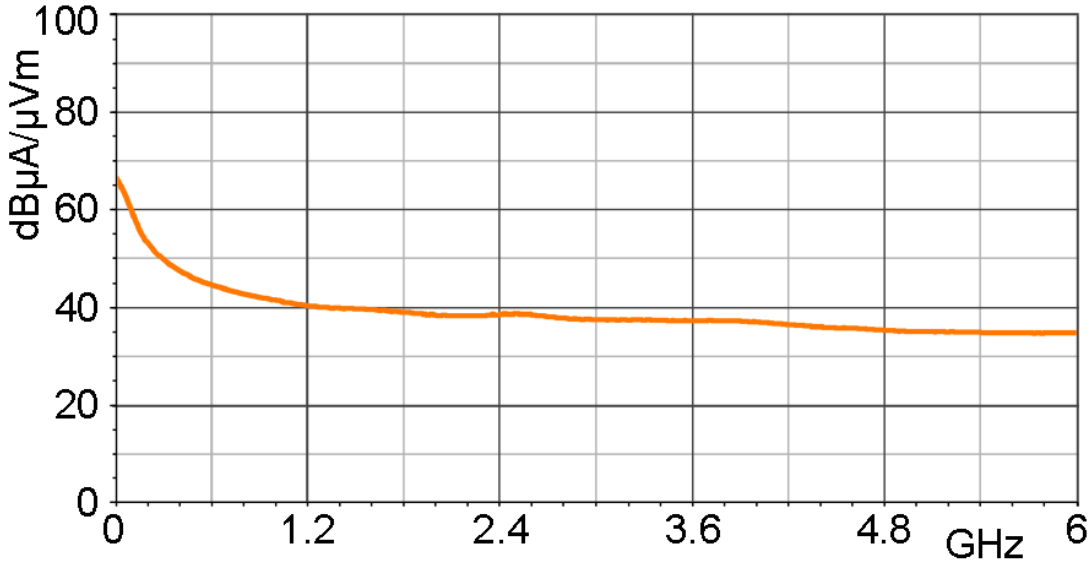
Frequency range	30 MHz ... 6 GHz
Resolution	≈ 1 mm
Probe head dimensions	Ø ≈ 3 mm
Connector - output	SMA, female, jack
Weight	15 g

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 [dBµV] / [dBµA/m]

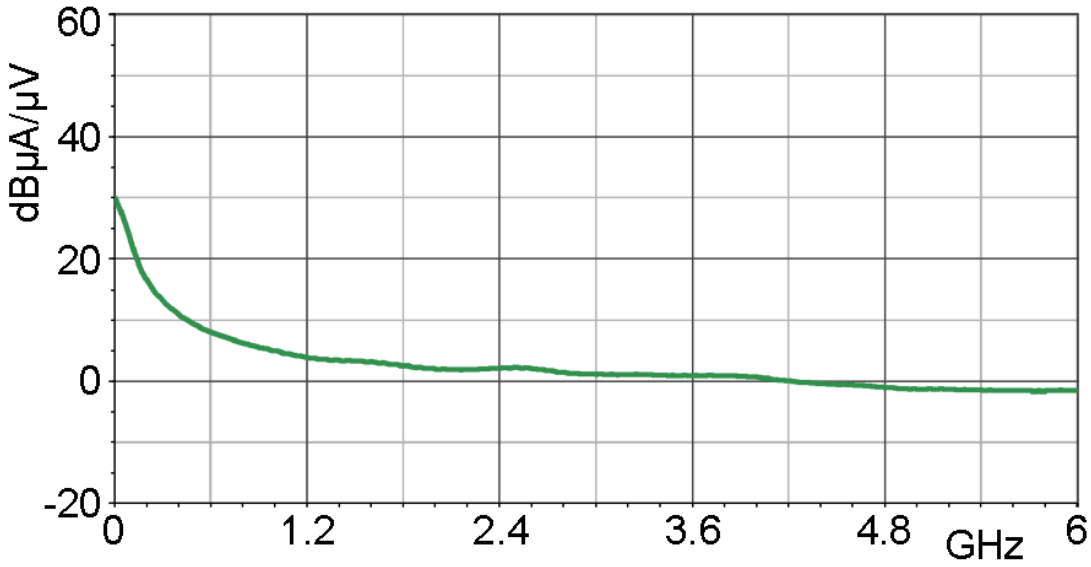


H-field correction curve [dBµA/m] / [dBµV]

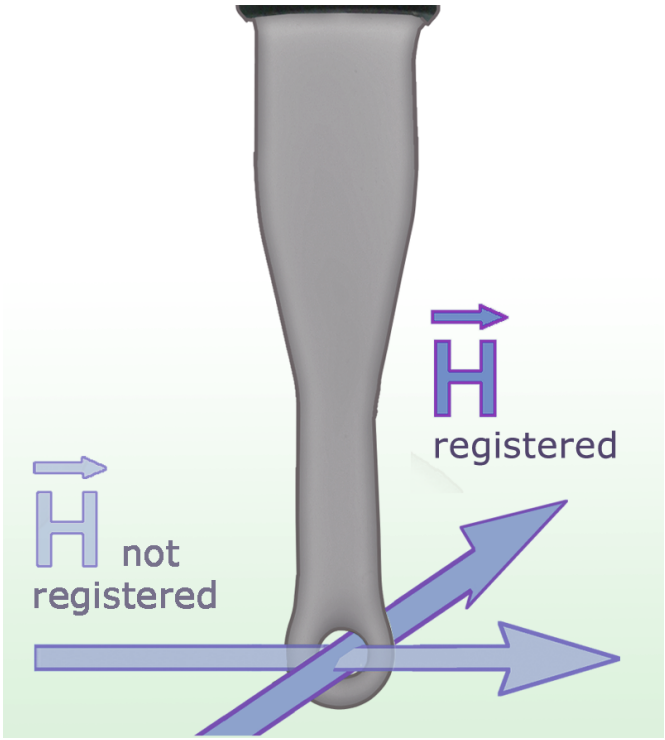


Sales Partner:
ABSOLUTE EMC
ABSOLUTE EMC Llc.
Covering sales in North America
United States, Mexico, & Canada
absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

Current correction curve [dBµA] / [dBµV]



Measuring principles



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

XF-R 3-1

H-Field Probe 30 MHz up to 6 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