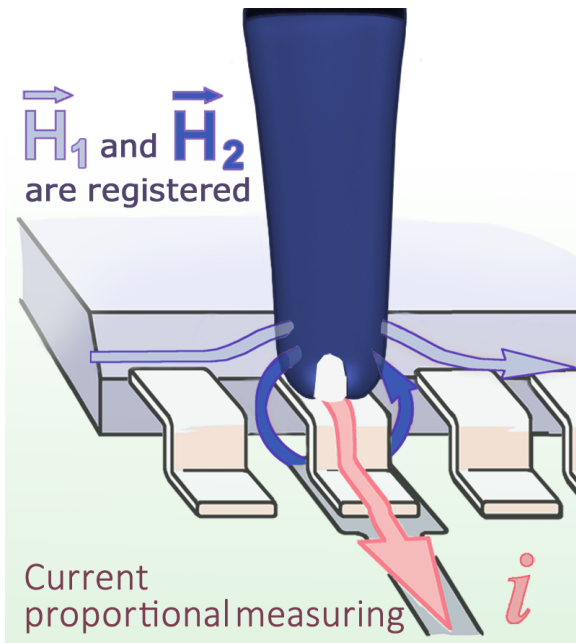


LF-U 2.5 SMA

H-Field Probe 100 kHz up to 50 MHz



Short description

The H-field probe LF-U 2,5 is a near-field probe. It is designed for the selective detection of RF current in conducting paths, SMD components and IC pins. The head of the probe has a magnetically active gap with a width of approx. 0.5 mm.

The LF-U 2,5 is a near-field probe. It functions like the LF-U 5 probe. While the LF-U 5 is suitable for larger components such as cable, connectors ect., the LF-U 2.5 is designed for SMD components and pins.

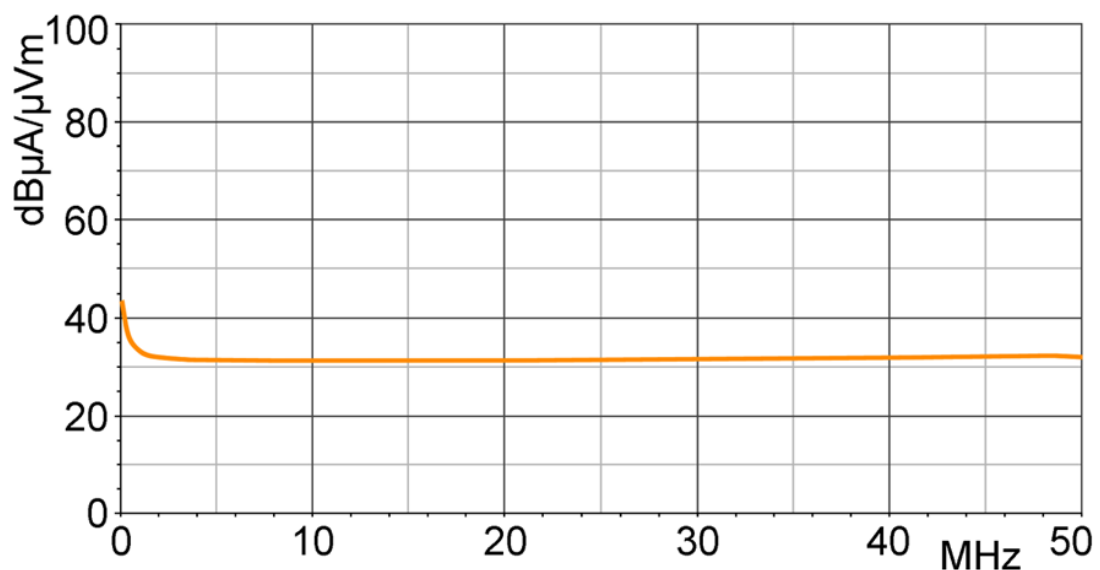
When measuring, the magnetically active gap of the probe head is positioned directly onto the measured object.

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 does not have an internal terminating resistance of 50 Ω .

Technical parameters

Frequency range	100 kHz ... 50 MHz
Resolution	≈ 0.5 mm
Probe head dimensions:	$\varnothing \approx 4$ mm
Connector - output	SMA, female, jack

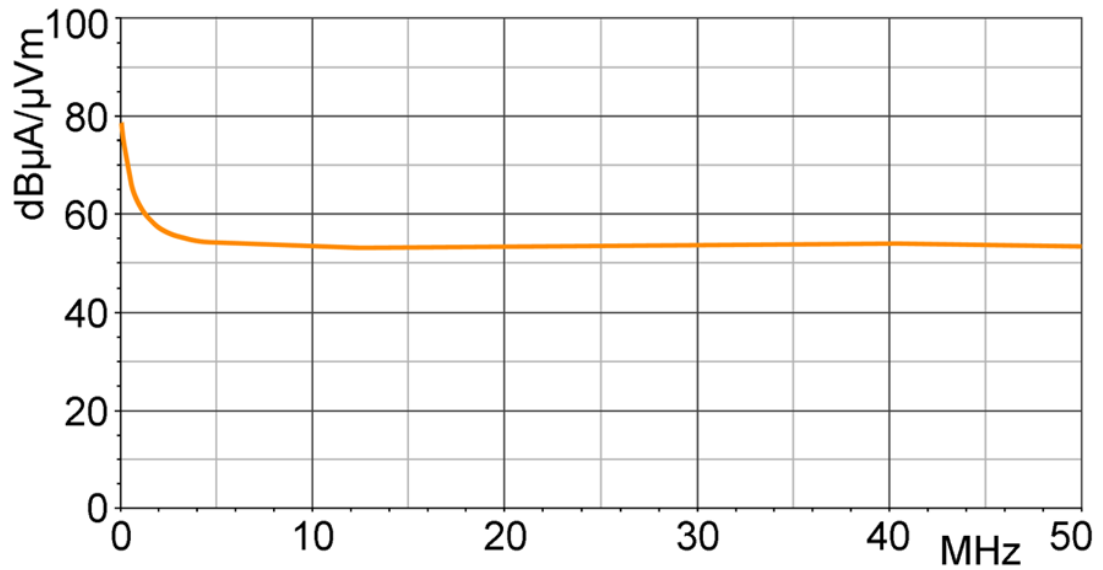
H-field correction curve [dB μ A/m] / [dB μ V]



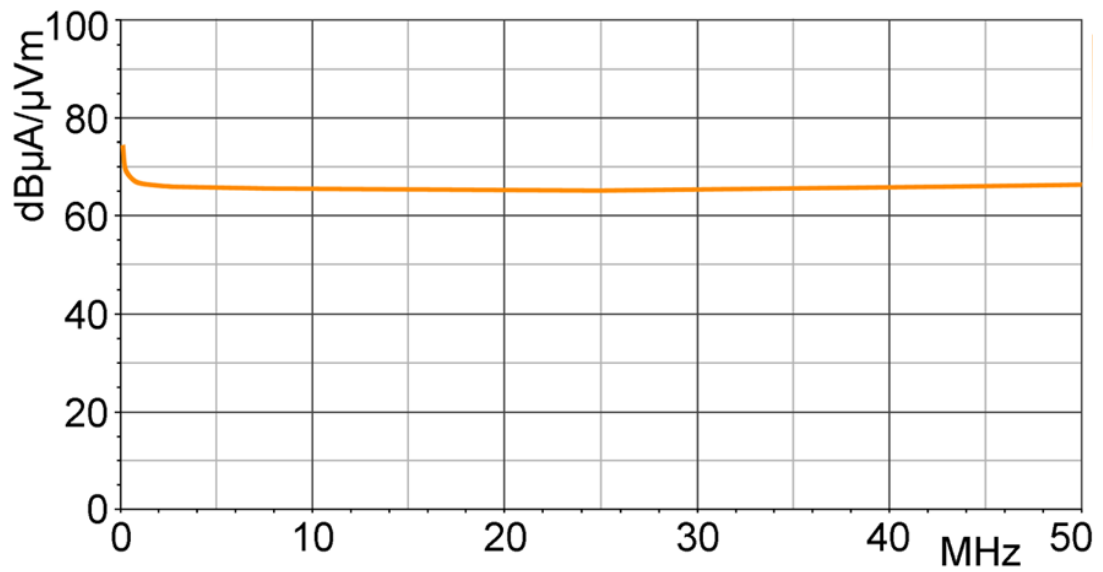
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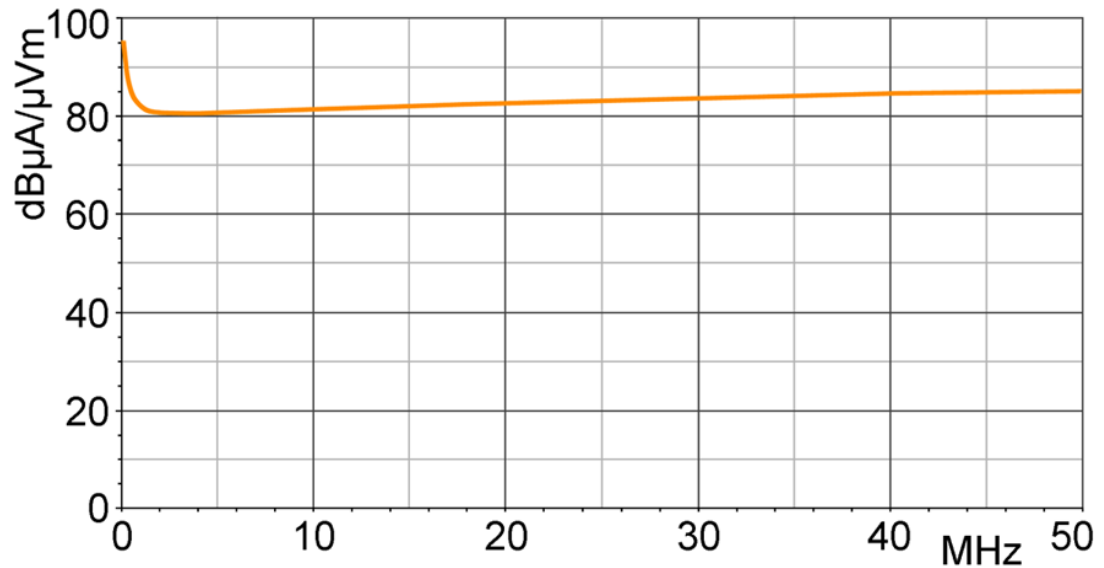
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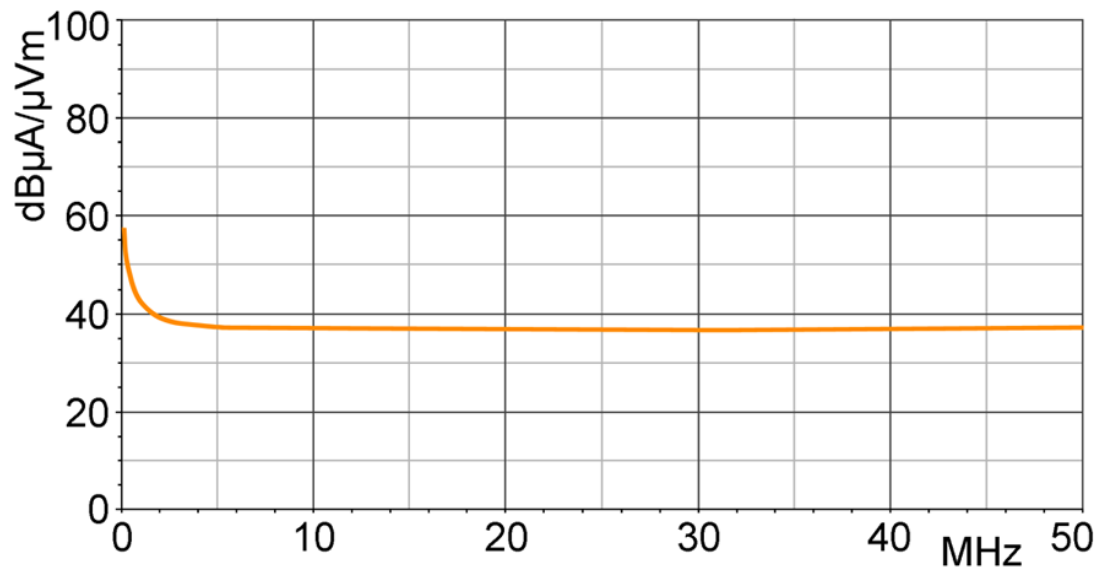
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H-field correction curve [dB μ A/m] / [dB μ V]



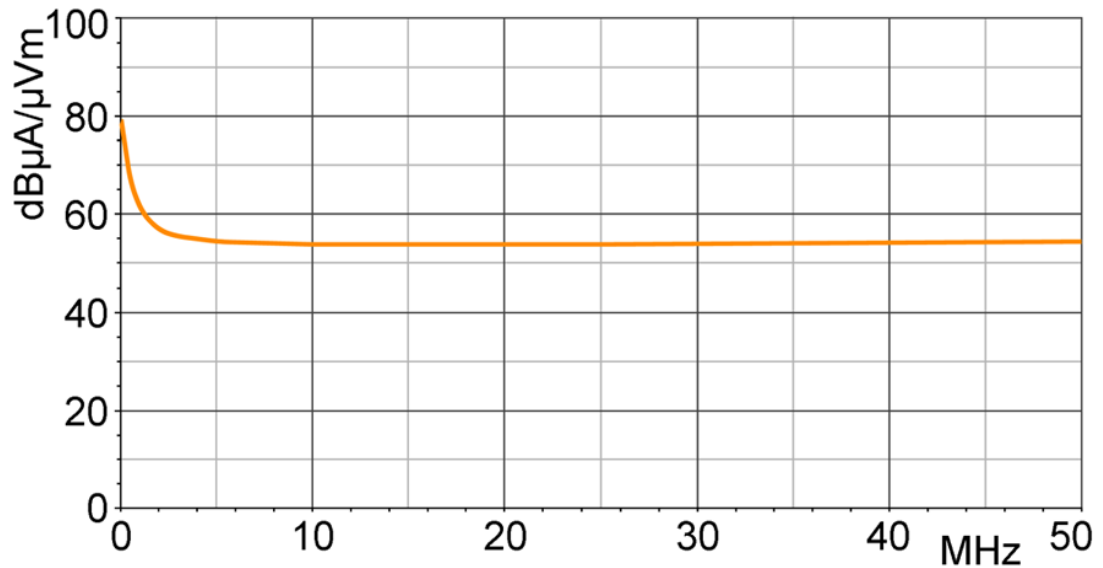
H-field correction curve [dB μ A/m] / [dB μ V]



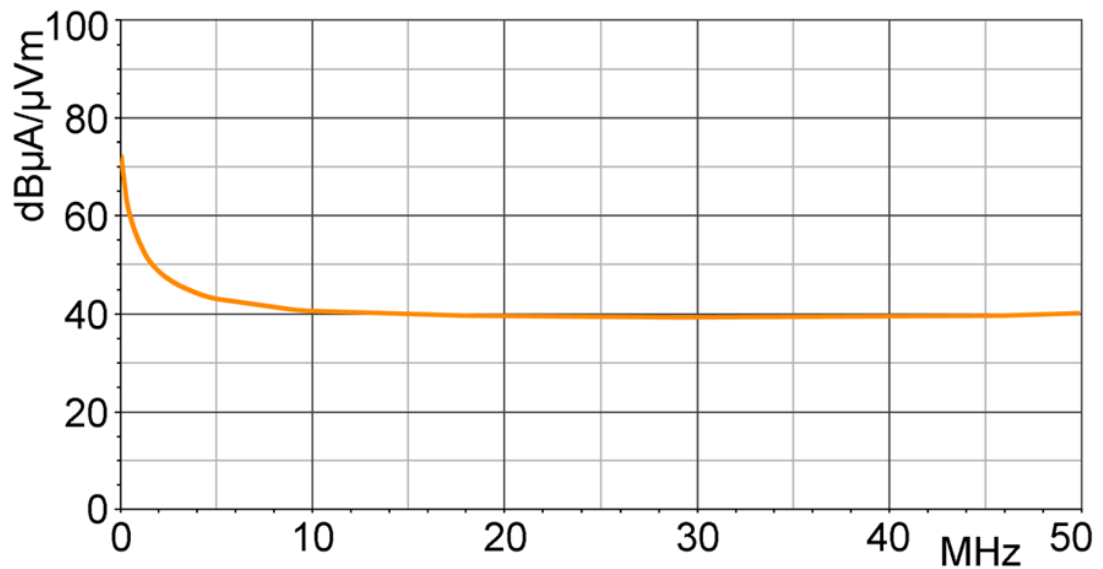
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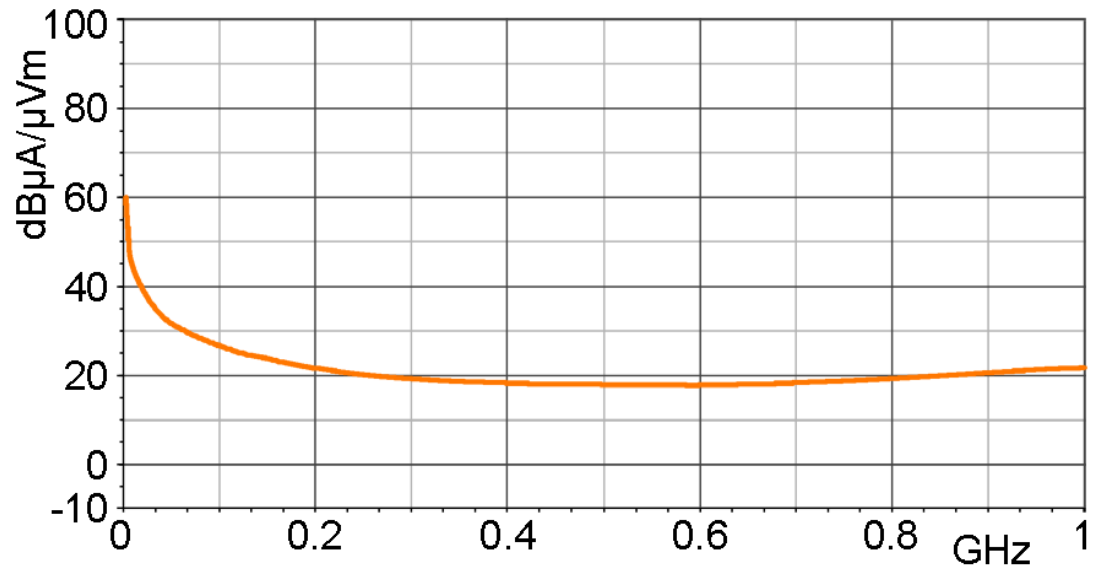
H-field correction curve [dB μ A/m] / [dB μ V]



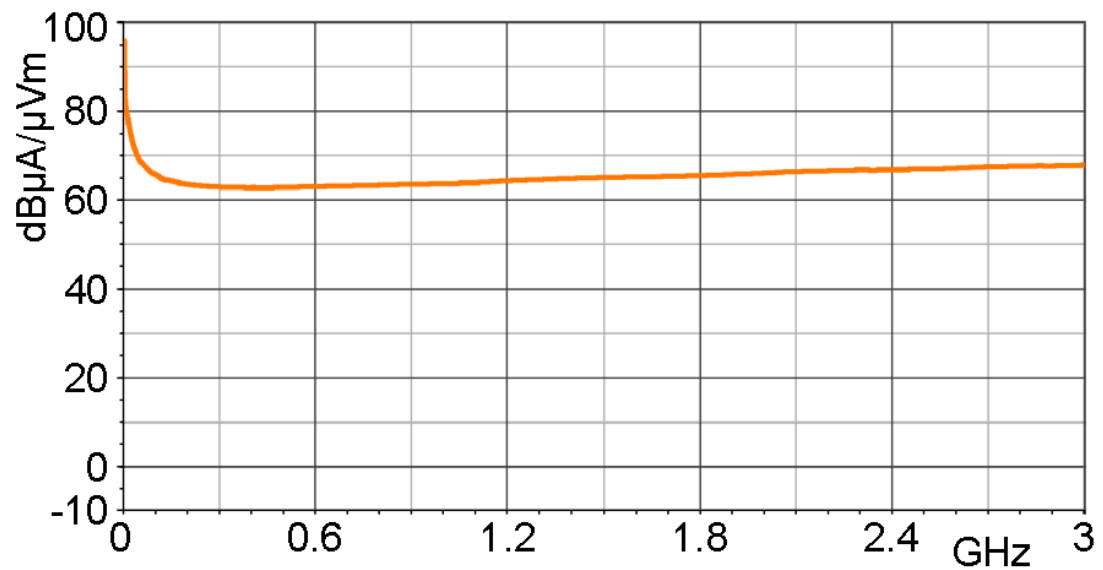
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H-field correction curve [dB μ A/m] / [dB μ V]



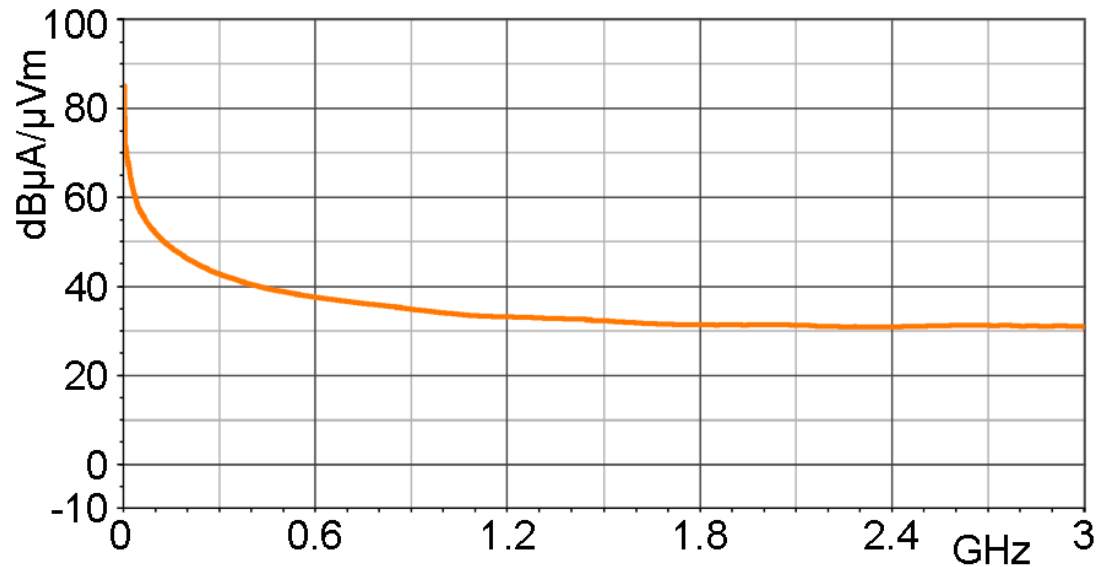
H-field correction curve [dB μ A/m] / [dB μ V]



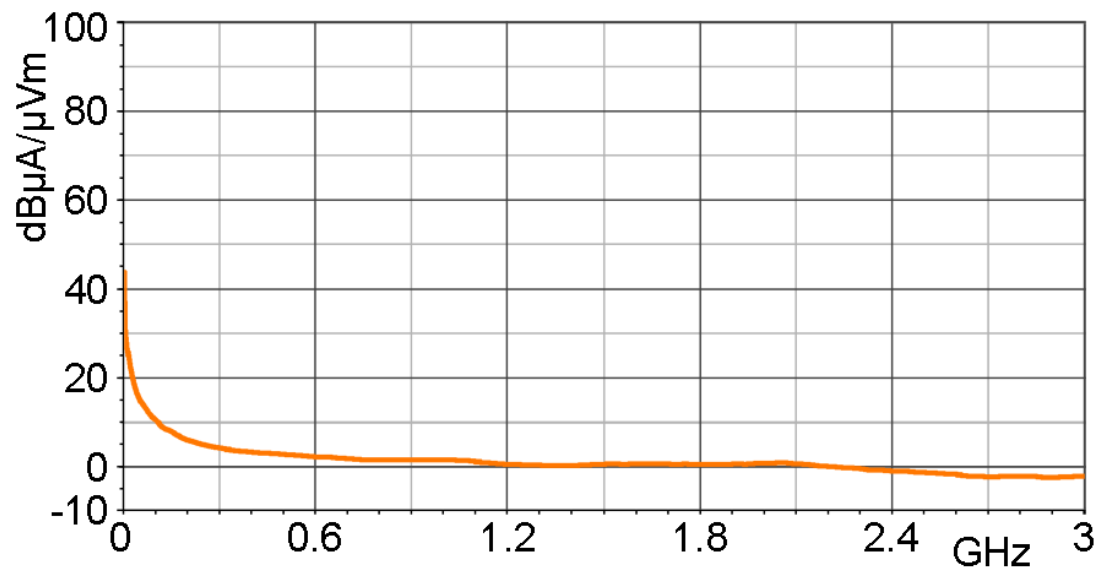
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H-Field Probe 100 kHz up to 50 MHz

H-field correction curve [dB μ A/m] / [dB μ V]



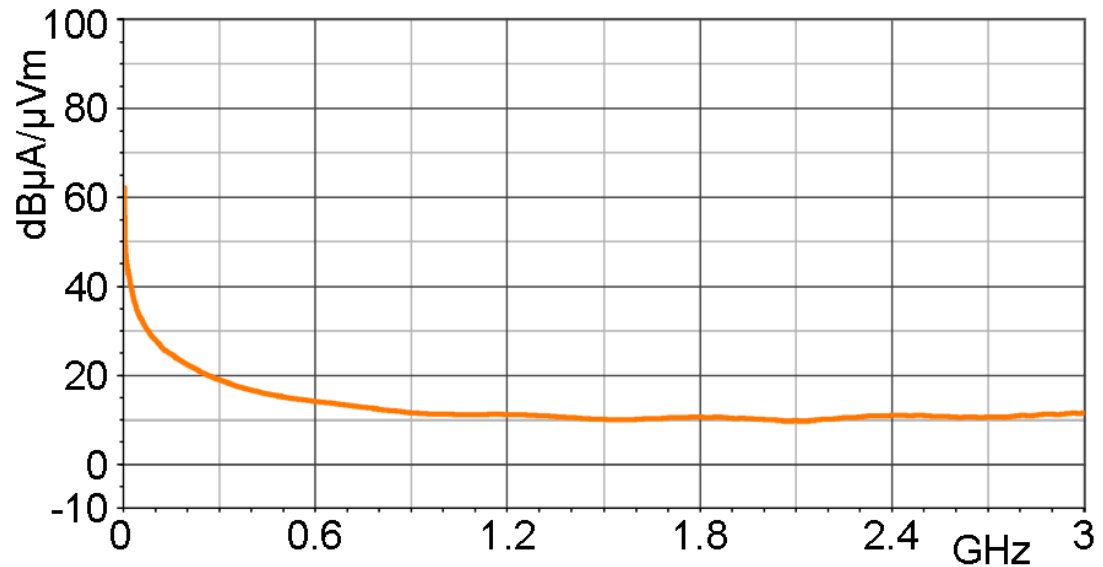
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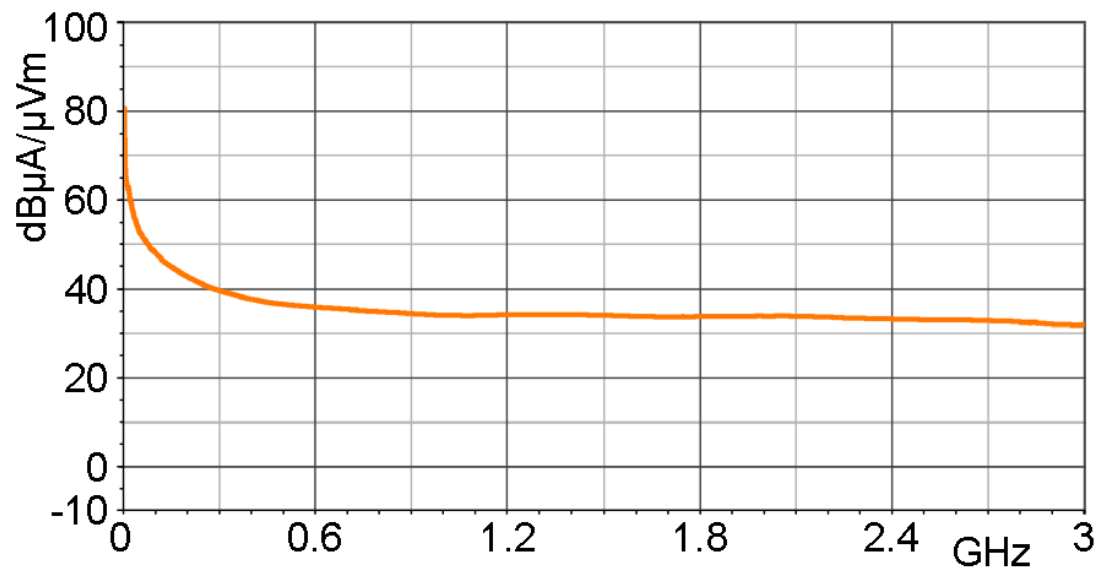
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H-field correction curve [dB μ A/m] / [dB μ V]



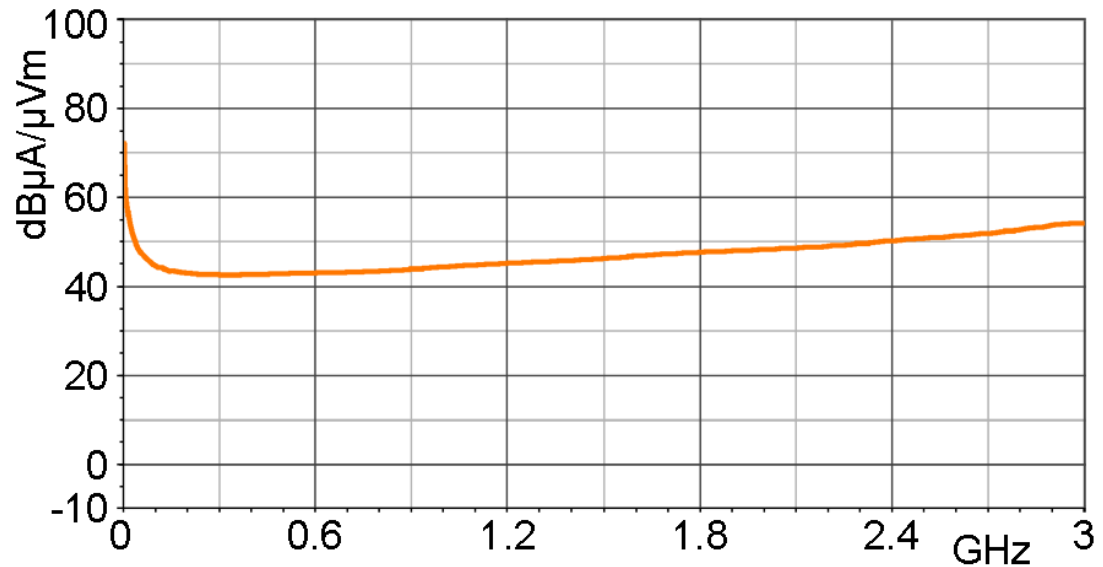
H-field correction curve [dB μ A/m] / [dB μ V]



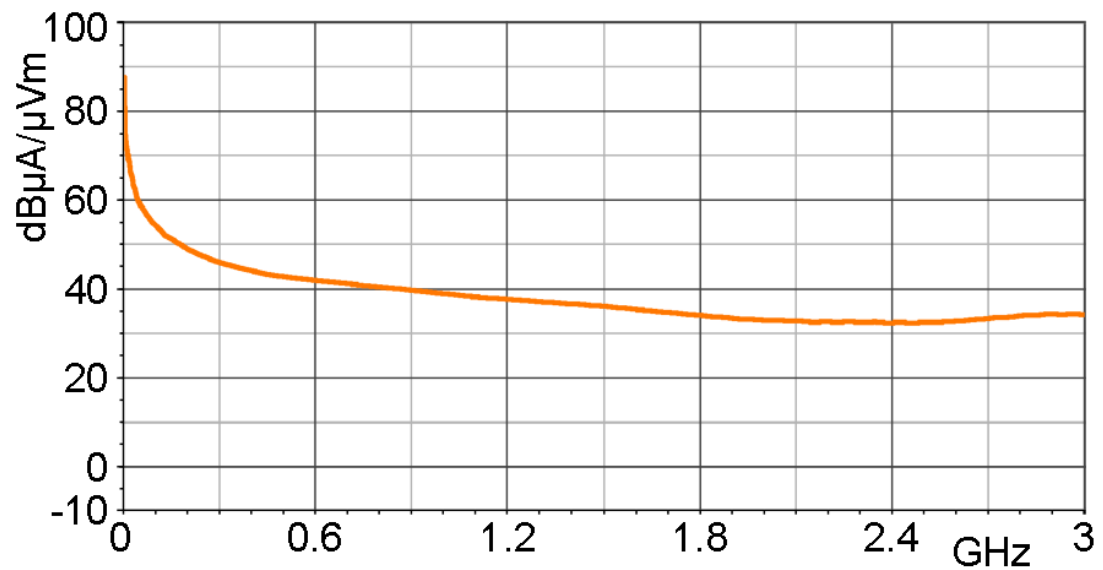
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H-field correction curve [dB μ A/m] / [dB μ V]



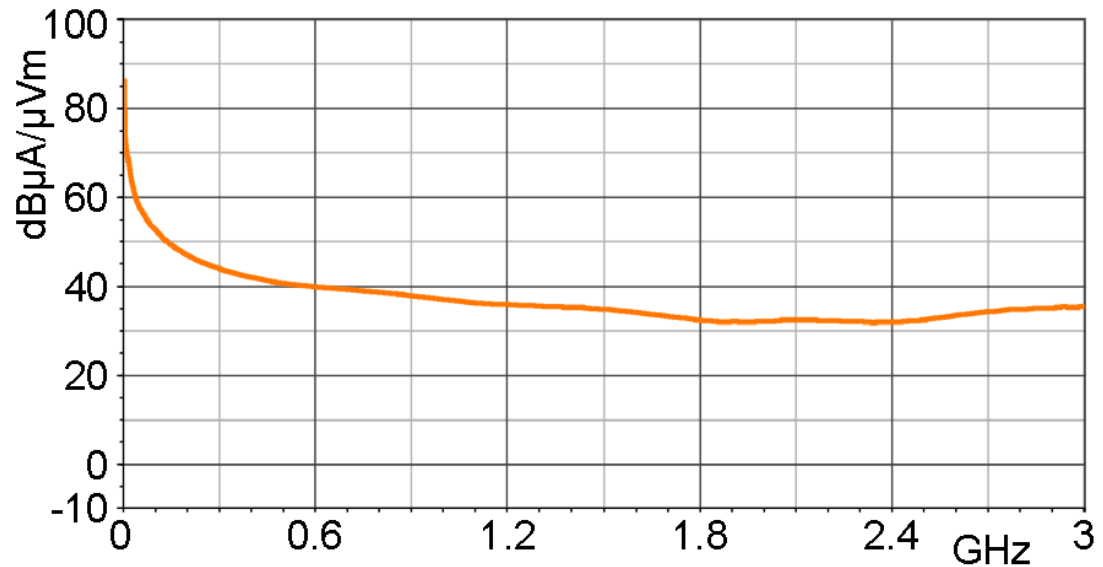
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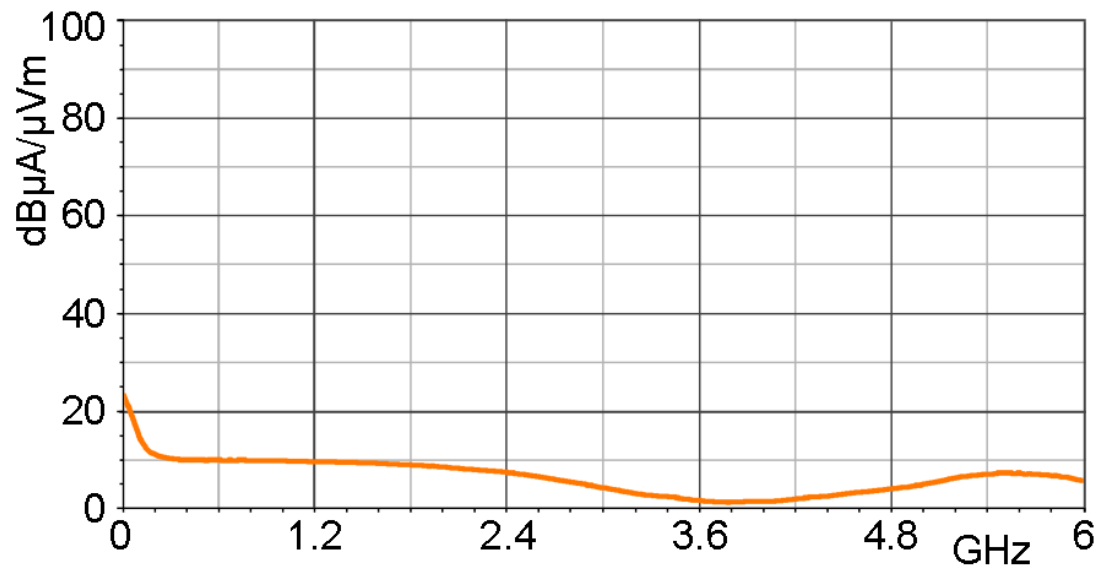
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H-field correction curve [dB μ A/m] / [dB μ V]



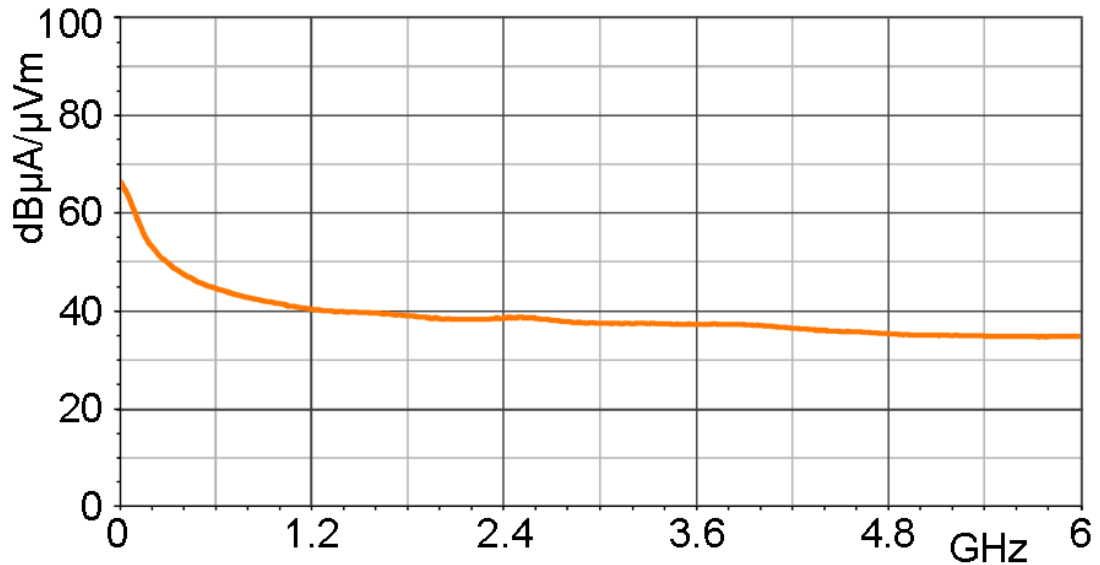
H-field correction curve [dB μ A/m] / [dB μ V]



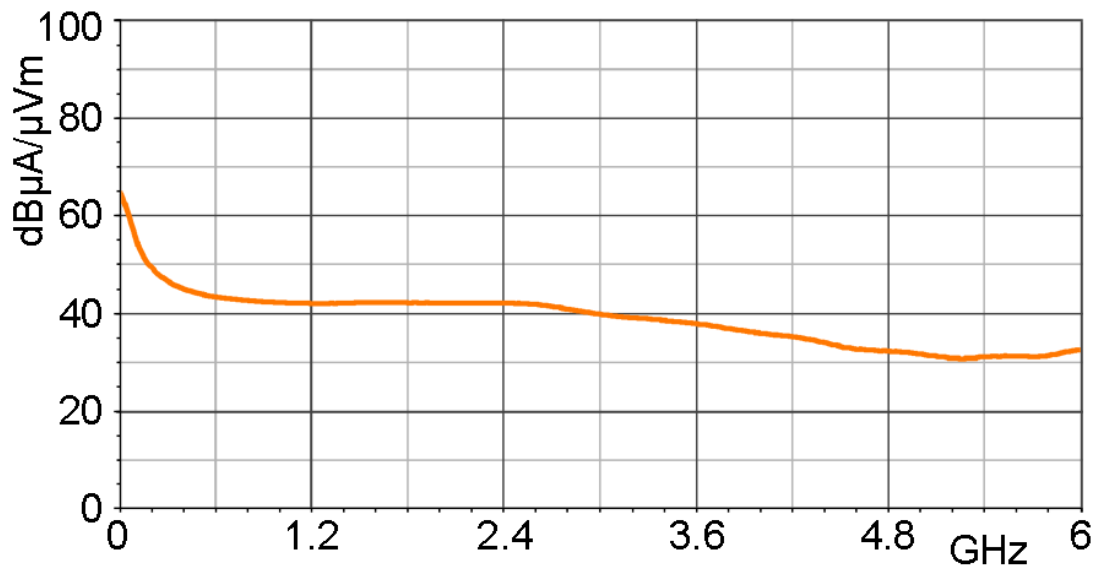
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H-field correction curve [dB μ A/m] / [dB μ V]



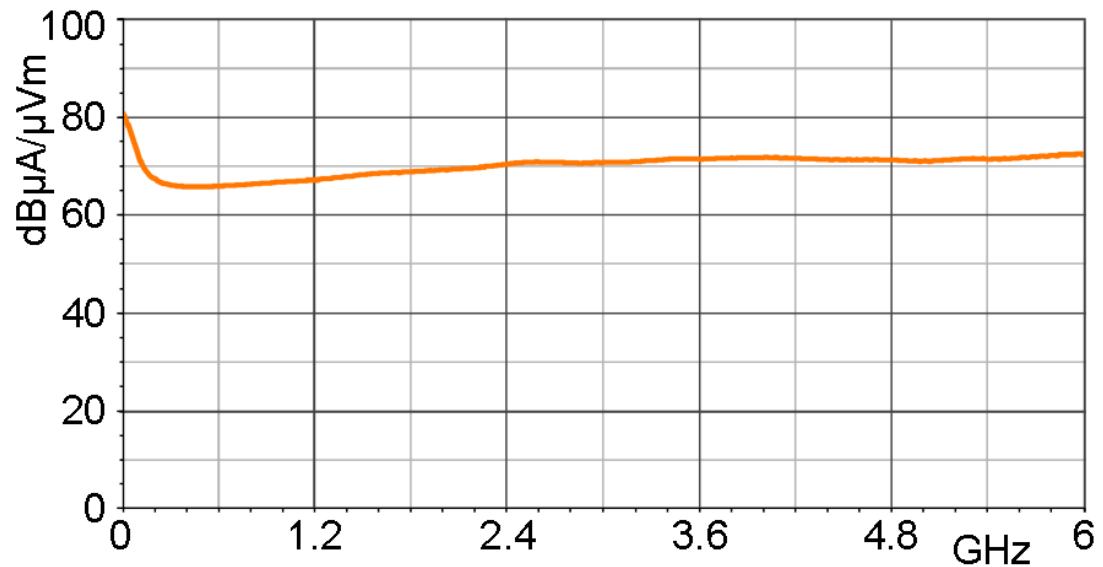
H-field correction curve [dB μ A/m] / [dB μ V]



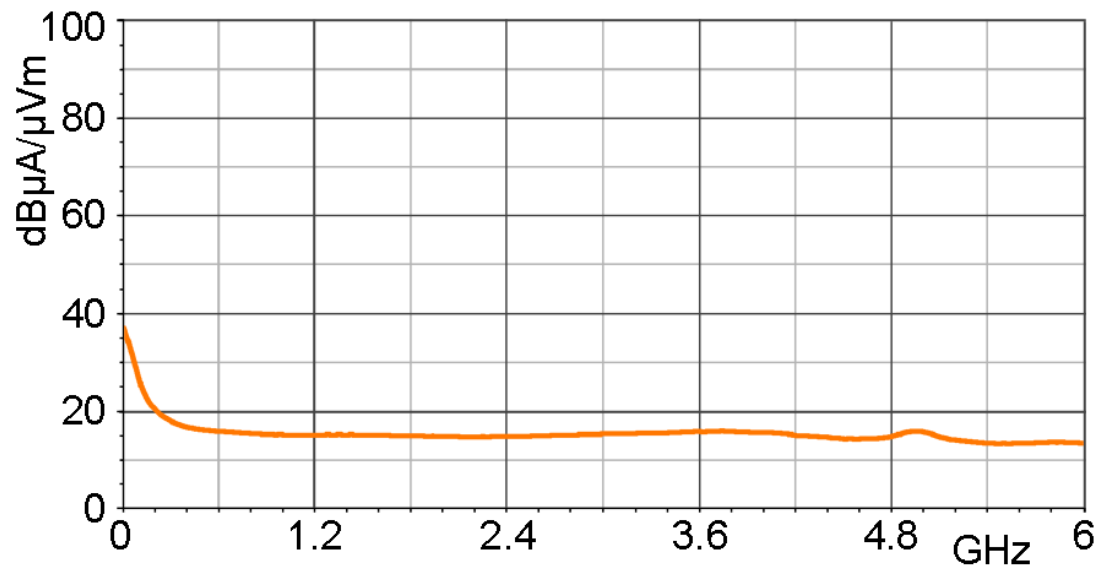
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H-Field Probe 100 kHz up to 50 MHz

H-field correction curve [dB μ A/m] / [dB μ V]



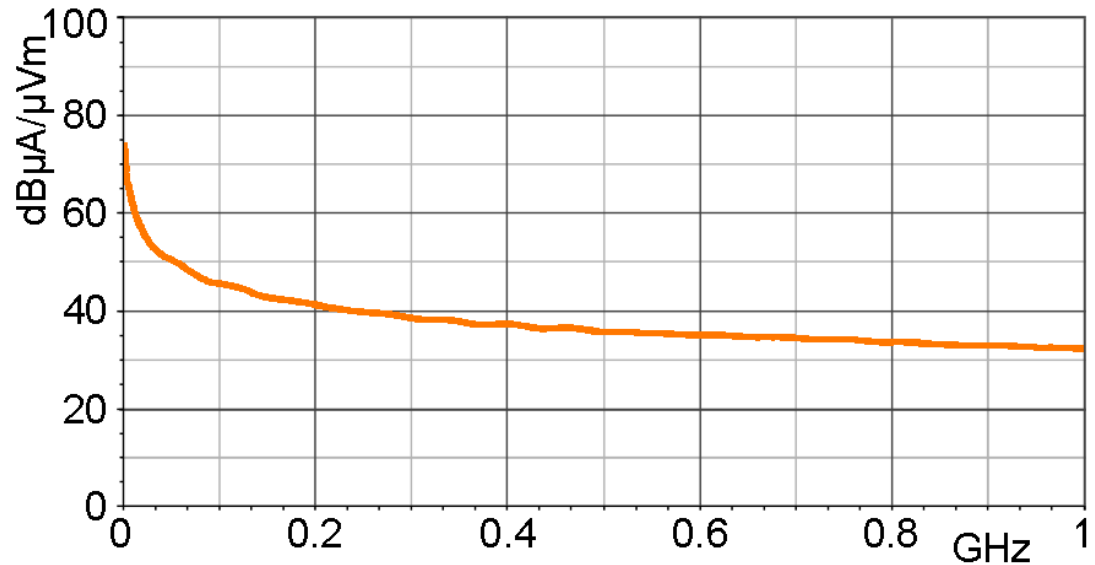
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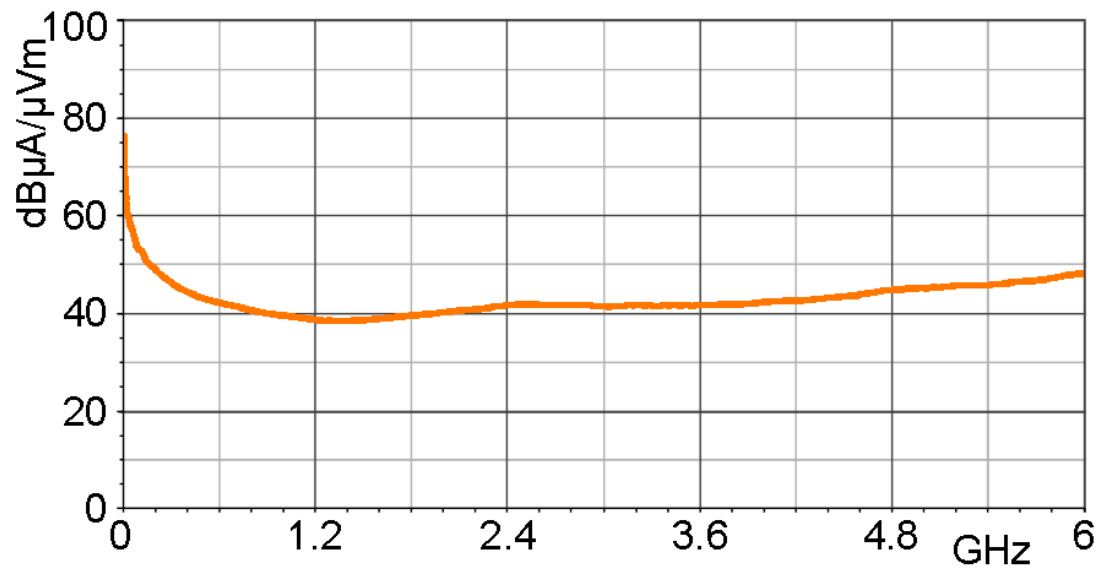
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H-Field Probe 100 kHz up to 50 MHz

H-field correction curve [dB μ A/m] / [dB μ V]



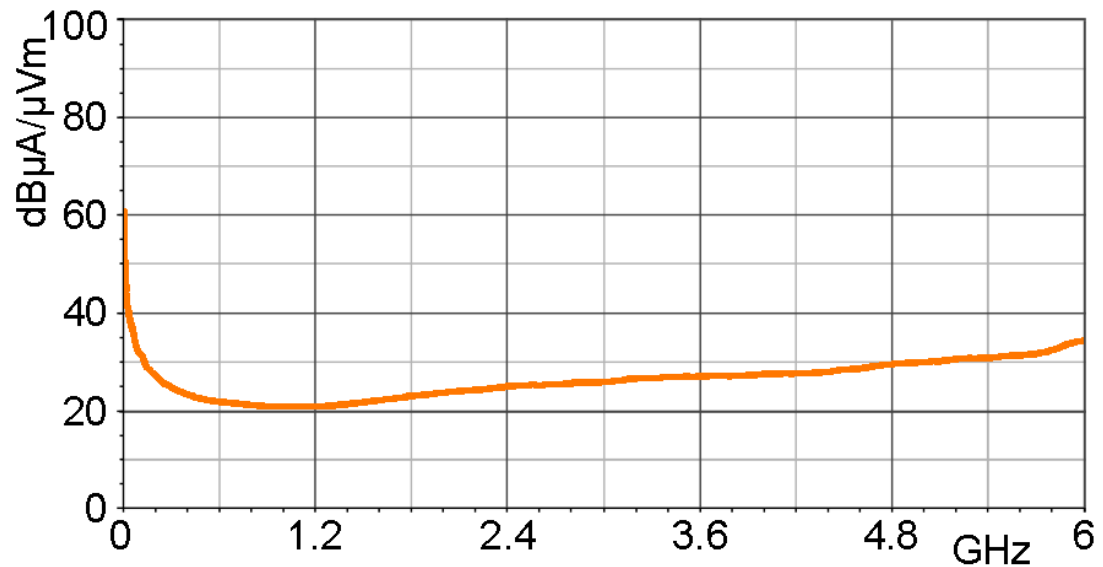
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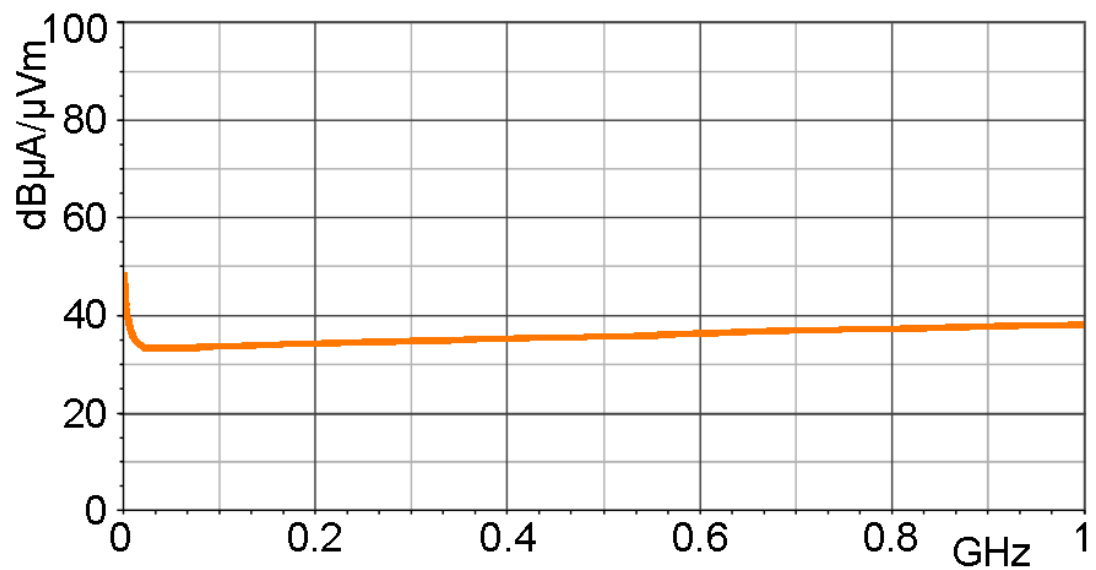
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H-field correction curve [dB μ A/m] / [dB μ V]



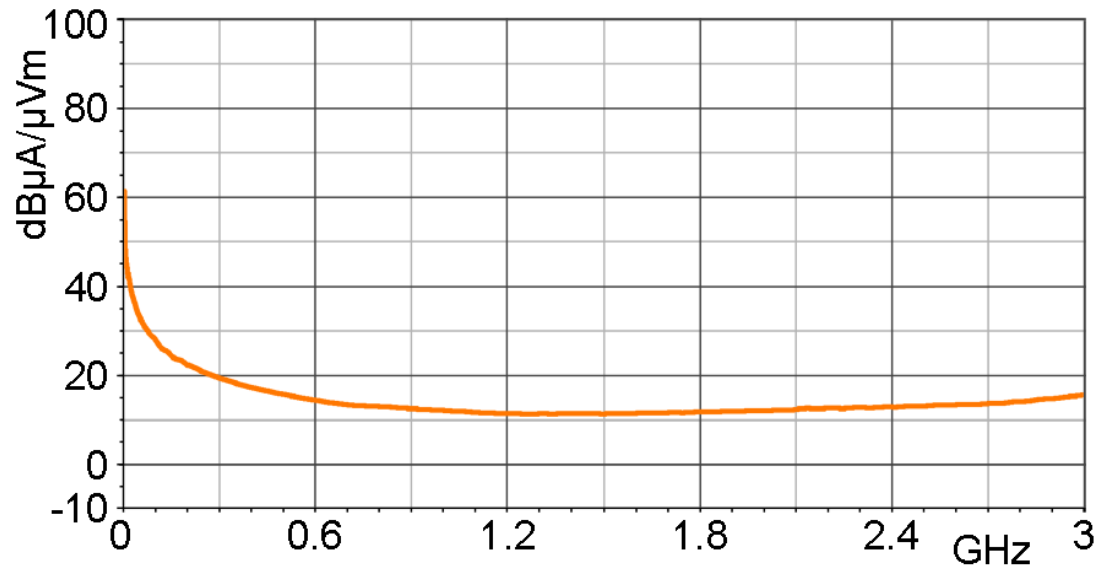
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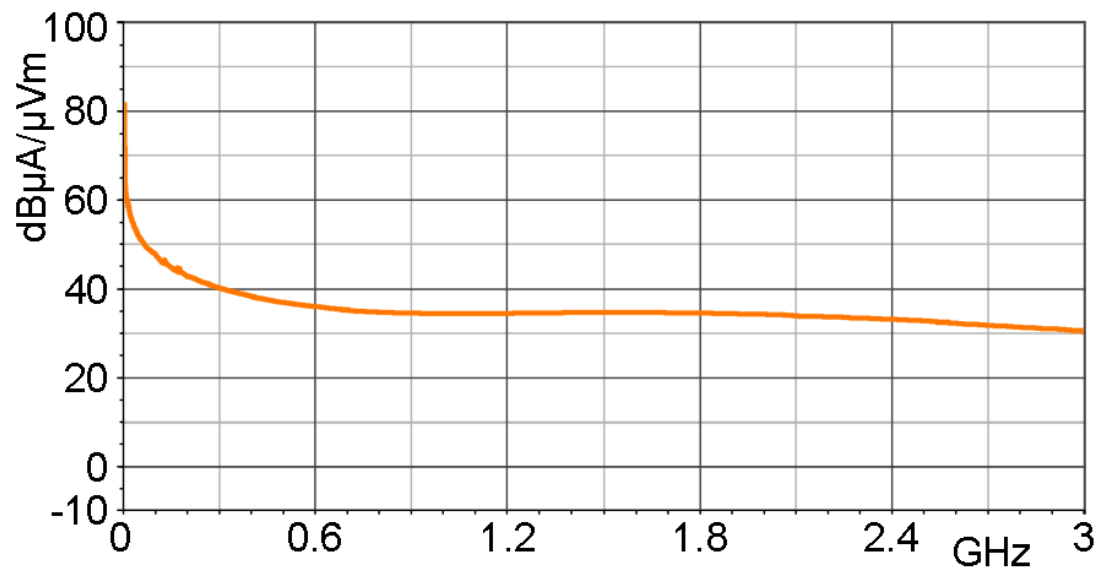
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H-field correction curve [dB μ A/m] / [dB μ V]



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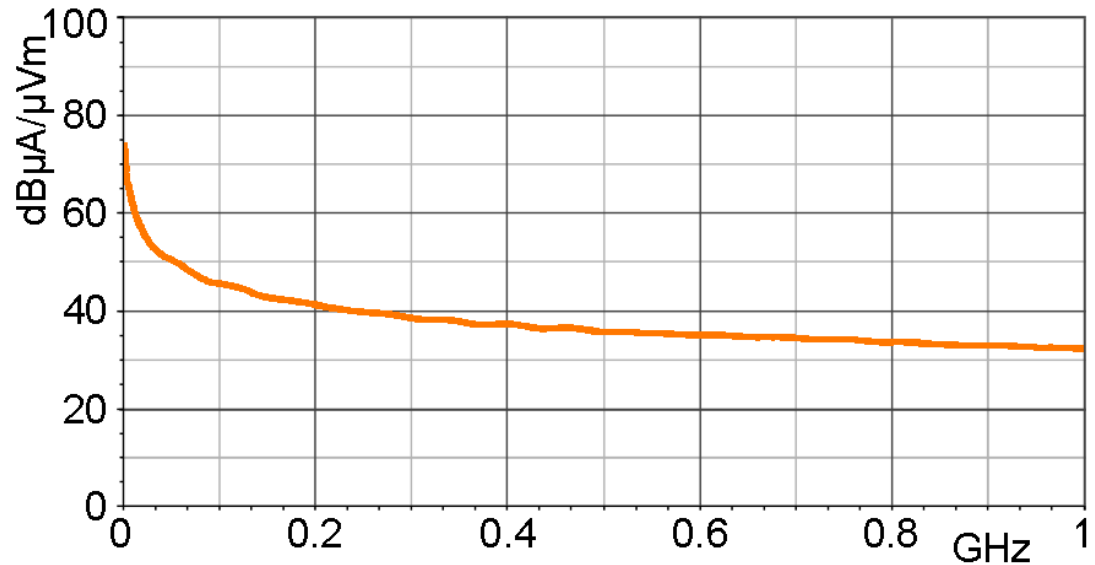
H-field correction curve [dB μ A/m] / [dB μ V]

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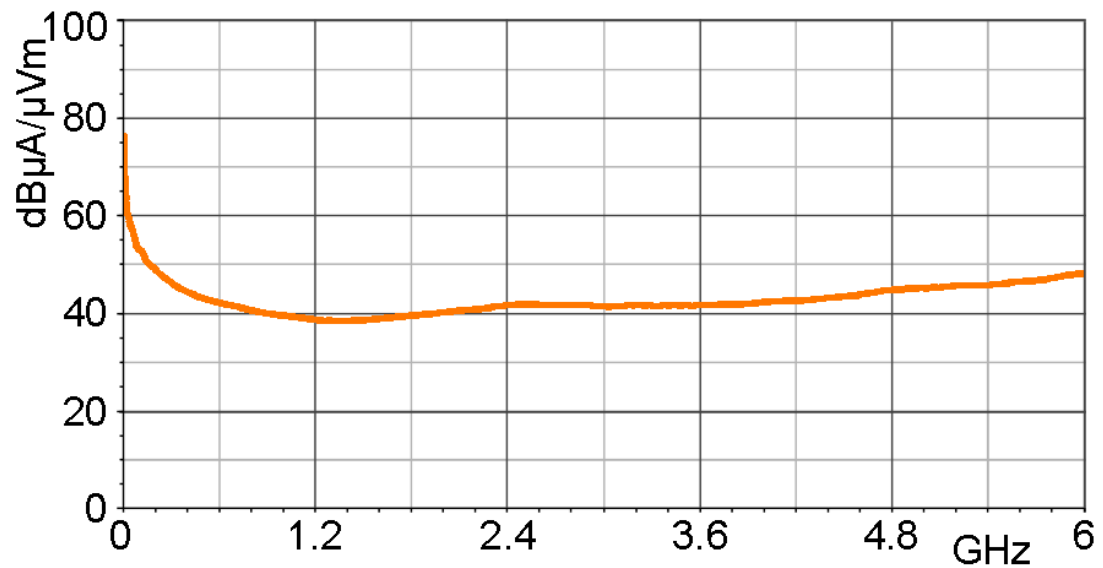
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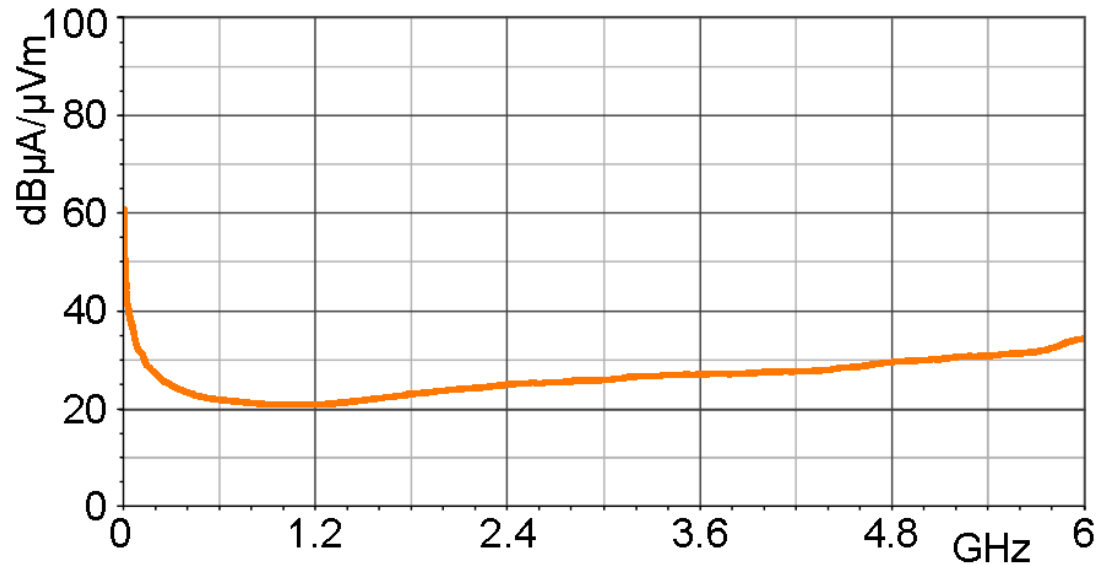
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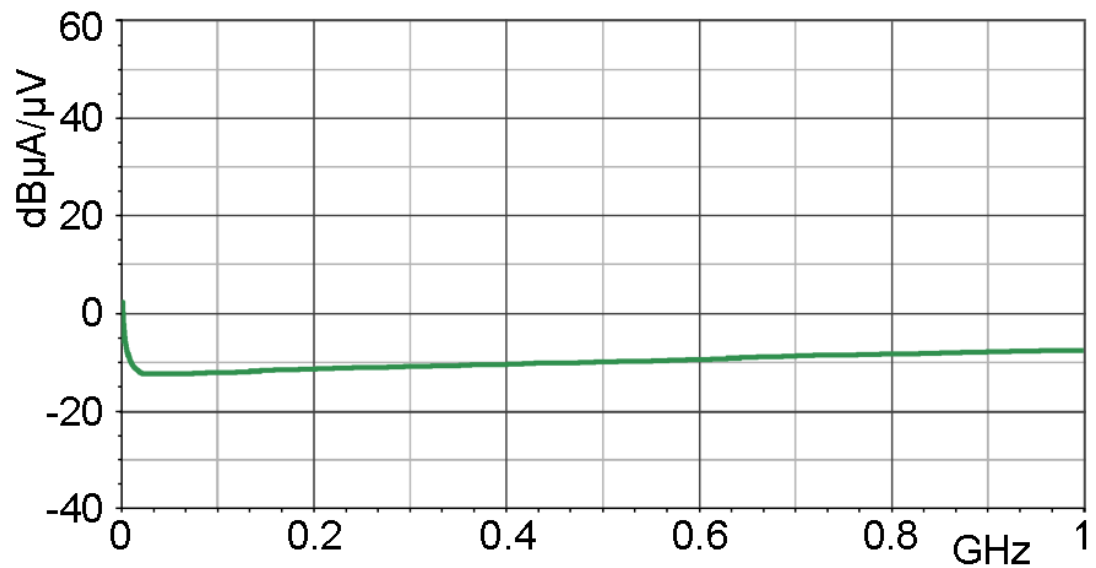
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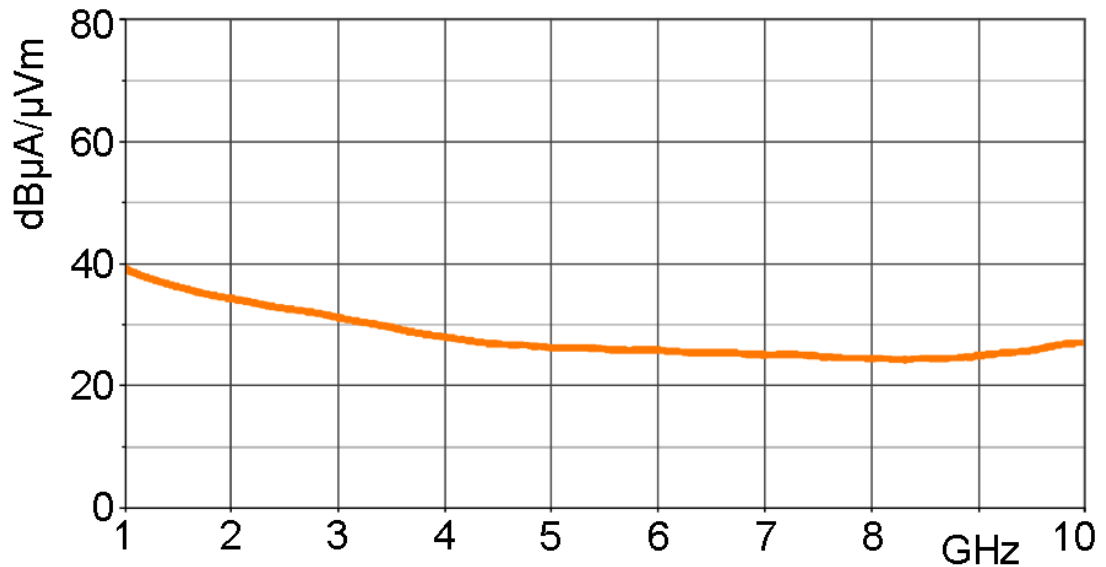
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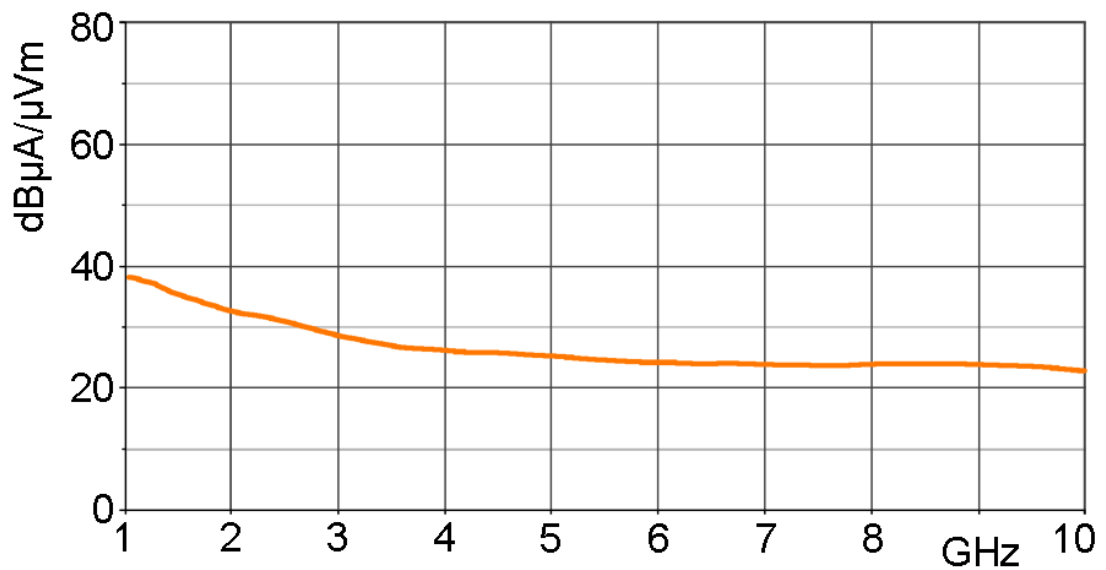
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H-field correction curve [dB μ A/m] / [dB μ V]



LF-U 2.5 SMA

H-Field Probe 100 kHz up to 50 MHz

LANGER
EMV-Technik

Probe head

