

# P1602

RF Magnetic Field Probe



## Short description

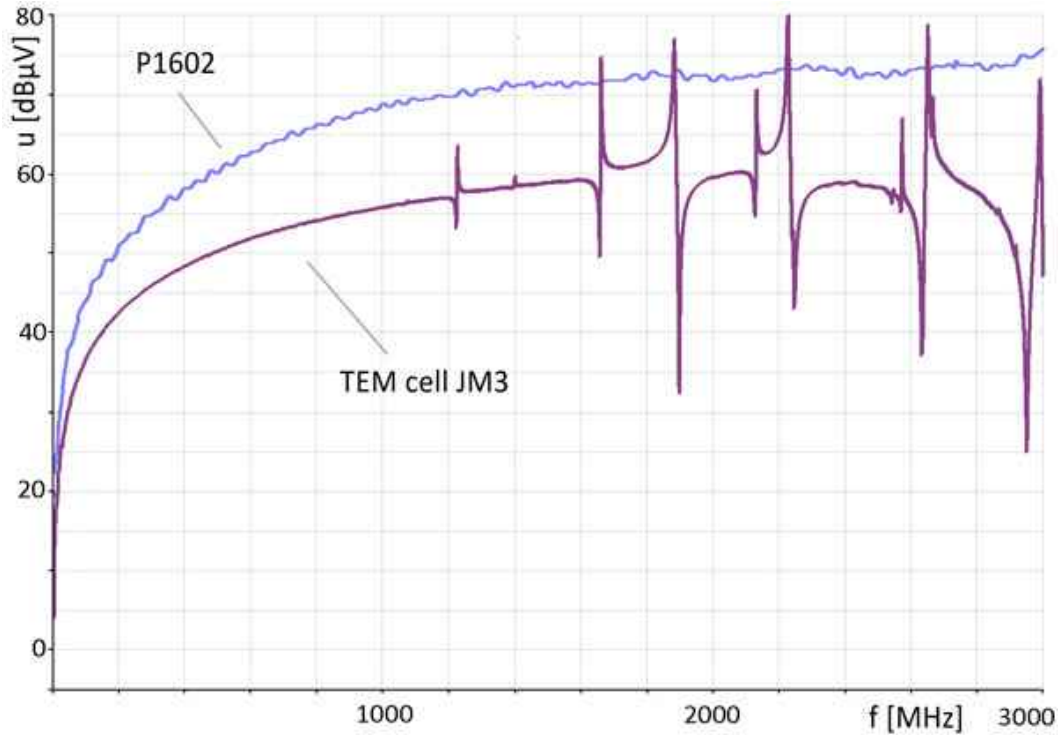
The P1602 RF magnetic field probe is used to measure magnetic near fields up to 3 GHz, which are coupled out from an IC. These fields induce a voltage inside the field probe's conductor. The induced voltage is measured by a connected spectrum analyzer.

The RF magnetic field probe has a 50 ohm RF measuring output. In order to locate the magnetic field current in different orientations the RF magnetic field probe is 360° rotatable above the IC. With the help of a distance ring (3 or 10 mm) the RF magnetic field probe is positioned in a defined distance above the IC.

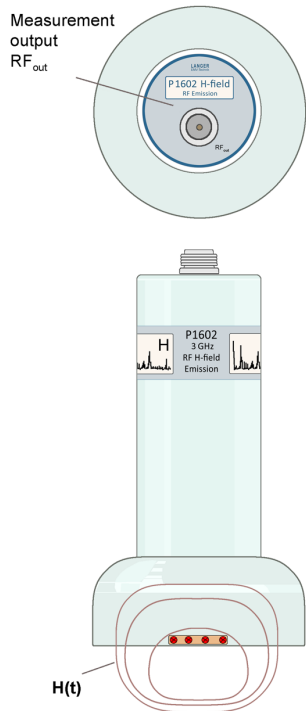
## Technical parameters

|                          |                    |
|--------------------------|--------------------|
| Frequency range          | (0 ... 3) GHz      |
| Connector - output       | N-Connector (50 Ω) |
| Dimension H-field source | (30 x 22) mm       |
| Weight                   | 745 g              |
| Sizes (L x W x H)        | (180 x 96 x 96) mm |

Frequency response



Design, view 1



Scheme measurement set-up P1602 magnetic field

