P1602
RF Magnetic Field Probe

Short description

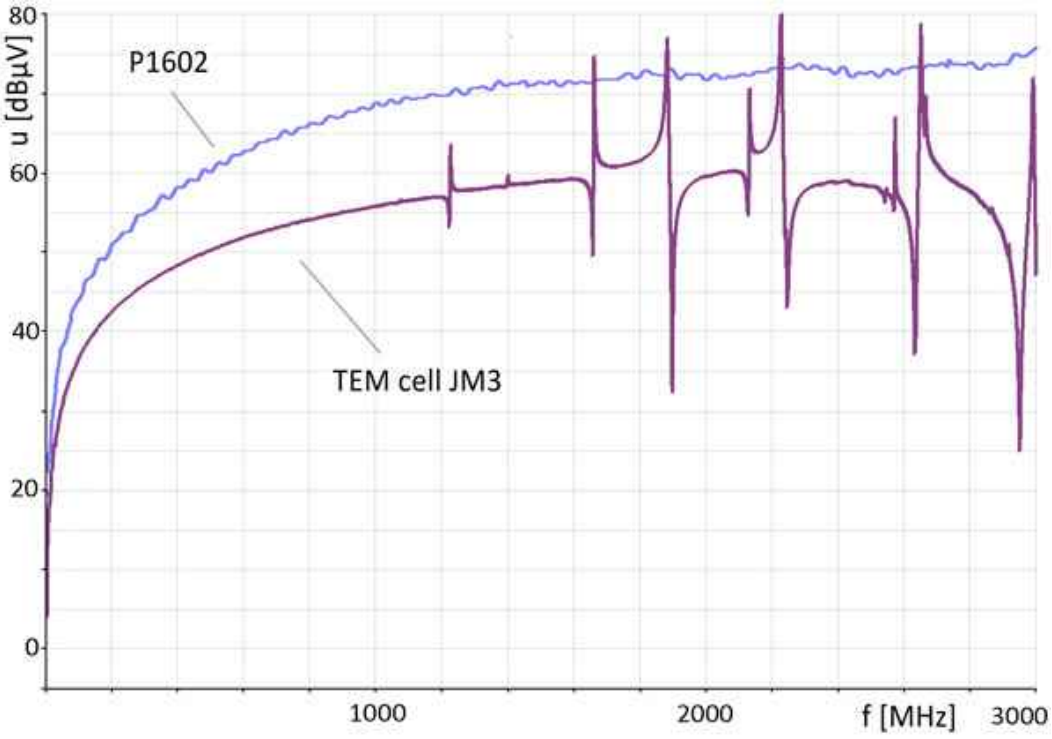
The P1602 RF magnetic field probe is used to measure magnetic near fields up to 3 GHz, which are coupled out from an IC. These fields induce a voltage inside the field probe's conductor. The induced voltage is measured by a connected spectrum analyzer.

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.

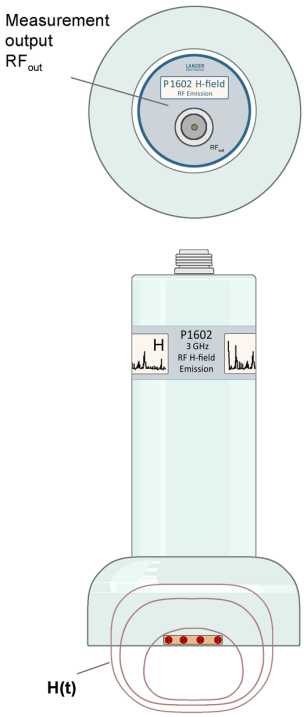
Technical parameters

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