

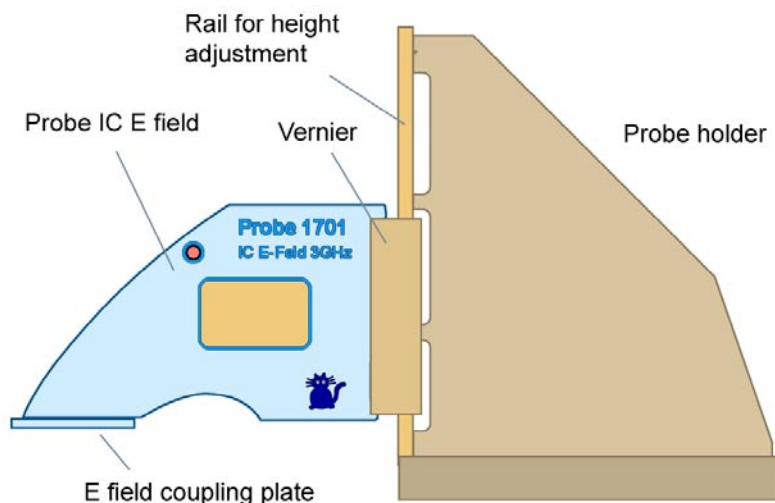


Application:

RF measurement of electric near-field (E-field) over an IC. The voltage measured by the probe is an indicator for the emission from the IC which were stimulated by the E-field.

Properties:

The probe has an RF voltmeter with integrated preamplifier and an input resistance of 1.5 kΩ. The input is connected to a electrode which measures the electric fields. The coupling plate is adjustable in height and exchangeable.



Transfer factor V_{out} / V_{in} of the voltmeter	0 dB
Frequency range of the internal amplifier	16 kHz – 3 GHz
Input resistance	1.5 kΩ
RF measuring output	50 Ω (SMB)
-1 dB compression point	120 dBμV
IP3	134 dBμV
Noise figure	4,5 dB
Supply voltage	12 V / DC
E-field electrode dimension	25 mm x 25 mm

General frequency responses

