

Probe 622
Probe 623

RF current probe
Line-conducted RF current measurement
(IEC EN 61967-4)



Application:

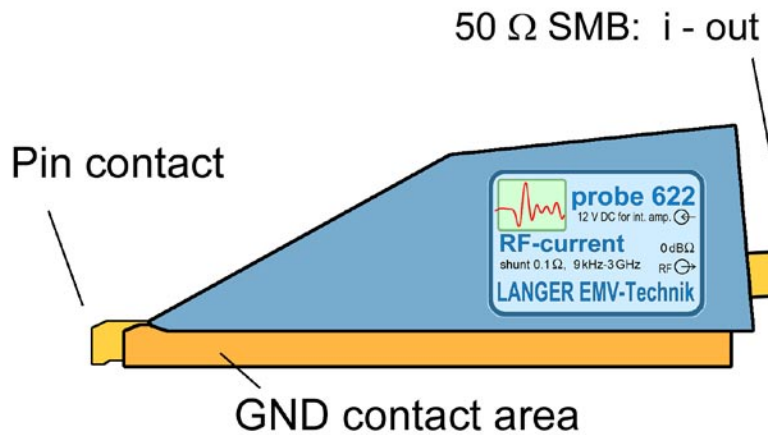
RF current measurement at IC pins.

Properties:

RF current measurement up to 3 GHz with an internal shunt of

- 0.1 Ω or
- 1 Ω

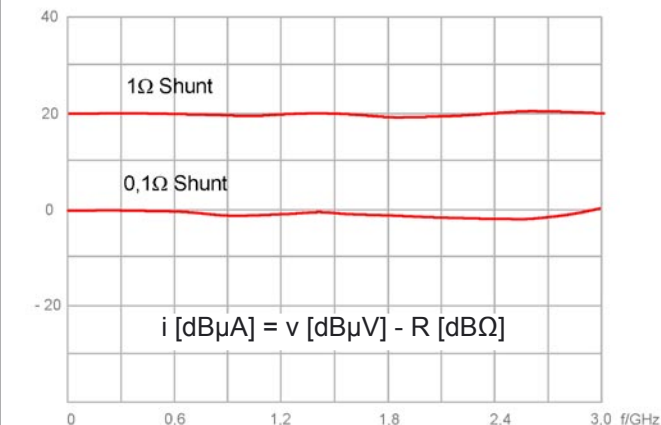
with an integrated 20dB preamplifier.



	Probe 622	Probe 623
Shunt for current measurement	0.1 Ω	1 Ω
Transfer factor V_{out}/V_{in}	14 dB	14 dB
Current correction factor R	0 dB Ω	20 dB Ω
Preamplifier	20 dB	
Max. power dissipation shunt	2.5 W	
Coupling capacitance	80 μ F	
Inductance of RF input	1 nH	
RF measuring output	50 Ω (SMB)	
-1 dB compression point	120 dB μ V	
IP3	134 dB μ V	
Noise figure	3.7 dB	
Frequency range	9 kHz – 3 GHz	
Supply voltage	12 V / DC	

General frequency response

Current correction factor R [dB Ω]



Equivalent circuit

