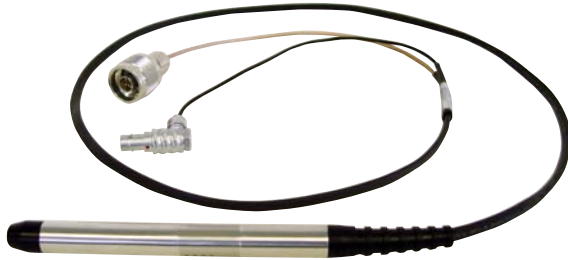


1207

Inductive Probe



AEROFLEX
A passion for performance.

The Aeroflex 1207 Inductive Probe is an active probe for non-contacting measurements. The Inductive Probe measures magnetic fields which are emitted by ASICs, wires and other electronic devices. It is designed for checking synthesizer frequencies and mixing products inside electronic devices, with only one probe for all frequencies up to 4 GHz.

The 1207 Inductive Probe is an ideal tool for the repair of modern printed circuit boards, e.g. in mobile phones. Most of the latest designs do not have any contacts for measuring the frequency of important synthesizers anymore. The 1207 helps to overcome this obstacle by measuring the magnetic component of the field emitted by the device under test.

Highlights

- Non-contacting RF measurements
- Large usable frequency range
- Integrated amplifier
- Rugged design

SPECIFICATIONS

Frequency Range, Specified

50 MHz to 4 GHz

Frequency Range, Usable

10 MHz to 6 GHz

Gain

20 dB @ 1 GHz

Max. Input Level

20 dBm

Max. Output Level

13 dBm

Dimensions

6.3 x 0.5" (160 mm x 12 mm)

Weight

114 g (0.25 lbs.)

Cable Length

1 m (3.28 ft.)

Connectors

DC 9102 Multi Port (male)

RF N-type (male)

ORDERING INFORMATION

1207 Inductive Probe	AG 248 971
9102 Hand-held Spectrum Analyzer, Bench Edition	AG 100 412
9102 Hand-held Spectrum Analyzer, Field Edition	AG 248 806
9102 Hand-held Spectrum Analyzer, Tracking Edition	AG 248 801
9102 Hand-held Spectrum Analyzer, VSWR/DTF Edition	AG 248 802
9103 Hand-held Spectrum Analyzer, Bench Edition	AG 100 403
9103 Hand-held Spectrum Analyzer, Field Edition	AG 248 813
9103 Hand-held Spectrum Analyzer, Tracking Edition	AG 248 814
9103 Hand-held Spectrum Analyzer, VSWR/DTF Edition	AG 248 815

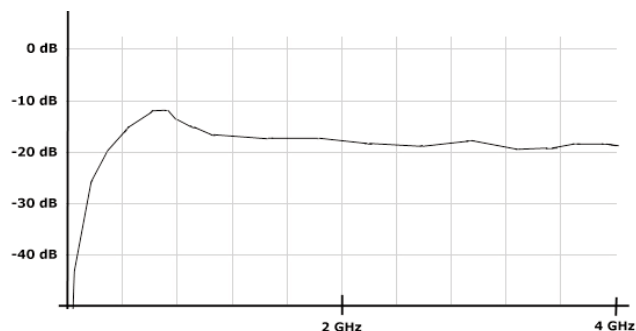


Fig. 2: Typical frequency response of the 1207 Inductive Probe

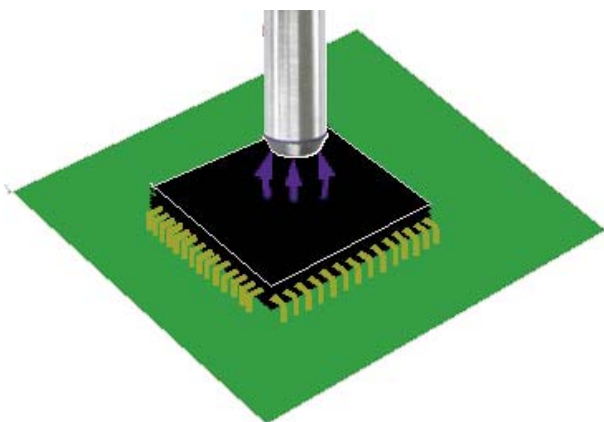
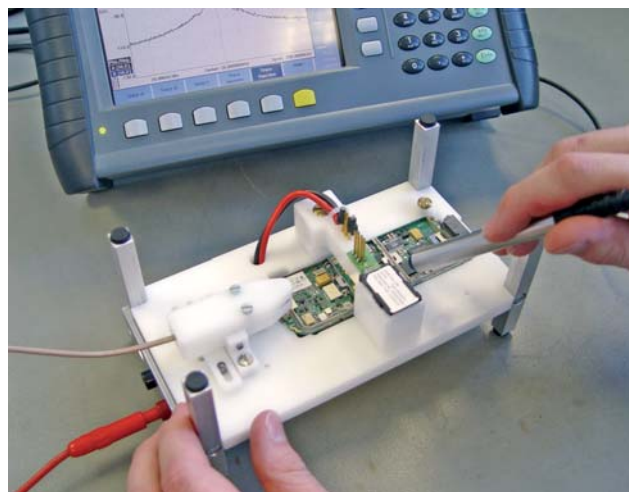


Fig. 1: The 1207 picks up the magnetic field in the pointing direction

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Our passion for performance is defined by three attributes represented by these three icons: solution-minded, performance-driven and customer-focused.