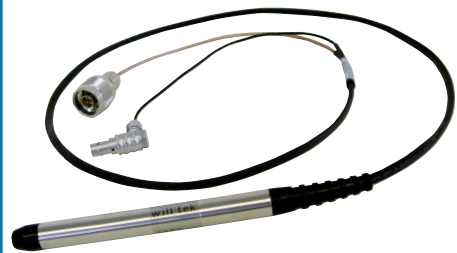


1207 Inductive Probe



The Willtek 1207 Inductive Probe is an active probe for contactless 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

- Contactless RF measurements
- Large usable frequency range
- Integrated amplifier
- Rugged design

Specifications

| | |
|-------------------|------------------------|
| Frequency range | |
| Specified | 50 MHz to 4 GHz |
| Usable | 10 MHz to 6 GHz |
| Gain | 20 dB @ 1 GHz |
| Max. input level | 20 dBm |
| Max. output level | 13 dBm |
| Dimensions | 160 mm x 12 mm |
| Weight | 114 g |
| Cable length | 1 m |
| Connectors | |
| DC | 9102 Multi Port (male) |
| RF | N-type (male) |

Ordering information

| | |
|---|-----------|
| Willtek 1207 Inductive Probe | M 248 971 |
| Willtek 9102 Handheld Spectrum Analyzer | |
| Bench Edition | M 100 412 |
| Willtek 9102 Handheld Spectrum Analyzer | |
| Field Edition | M 248 806 |
| Willtek 9102 Handheld Spectrum Analyzer | |
| Tracking Edition | M 248 801 |
| Willtek 9102 Handheld Spectrum Analyzer | |
| VSWR/DTF Edition | M 248 802 |

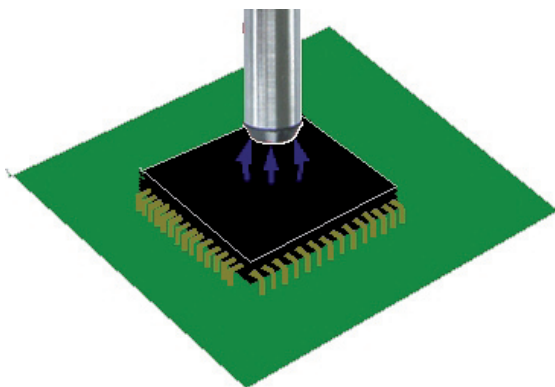


Fig. 1: The 1207 picks up the magnetic field in the pointing direction

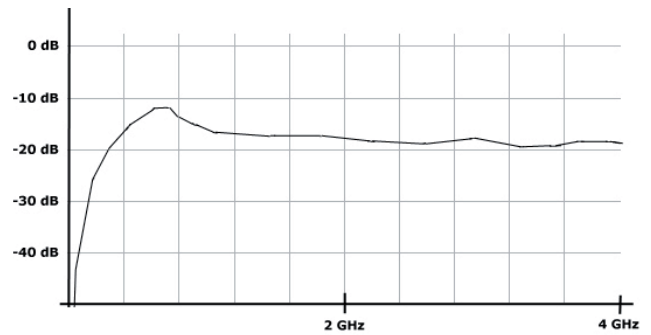
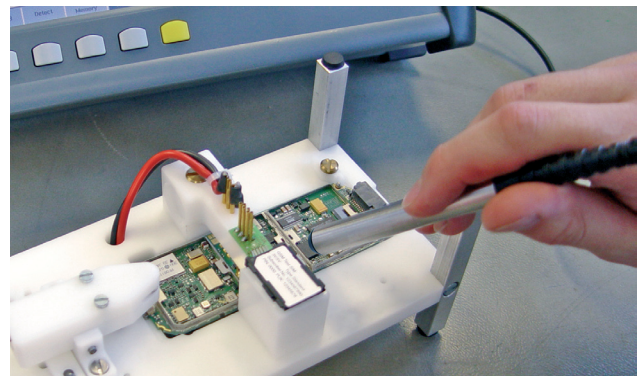


Fig. 2: Typical frequency response of the 1207 Inductive Probe



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