

The New Standard in Mobile Phone Manufacturing Test



Agilent Technologies 8960 Series 10 Wireless Communications Test Set

The proven 8960 helps you meet customer demand for mobile phones now and into the future.

- Measurement speed increases your throughput and lowers test costs.
- Accuracy and repeatability helps improve your test yields and reduce false failures.
- Multi-format capabilities can reduce your costs by offering format-flexible manufacturing with a single test set.
- High level programming decreases test times, shortens test development, and decreases support costs.
- Format-flexible architecture is designed to grow as you move into 3G mobile cellular technologies.
- Agilent Technologies support and services help you realize the full value of your test investment.



Manufacturing test solution built around the 8960 test set.

AMPS/136 Mobile Test Capability

The E1961A AMPS/136 mobile test application performs fast analog and digital mobile-phone tests for EIA/TIA-136 specifications. Used with the 8960 Series 10 Model E5515B or C, it tests new 136-compliant mobile phones in all three bands of operation: analog 800 MHz, digital 800 MHz, and digital 1900 MHz—and all call-processing functions, including handoffs between bands and modes.

Comprehensive Tx and Rx RF measurements

- analog Tx power
- analog frequency stability and modulation
- digital Tx power
- digital modulation accuracy, including EVM, peak phase and magnitude, frequency error, and origin offset
- adjacent channel power
- IQ tuning and dynamic power measurement
- loopback BER
- MAHO BER, RSSI, and neighbor reports on six channels

Additional functionality and features include the following:

Call processing functionality

- origination from BS or MS
- release from BS or MS
- digital and analog modes (ACC, AVC, DCCH, DTC)
- selectable call setup parameters
- hand-offs between all bands and modes

Audio functionality

- audio generator and audio analyzer with level, SINAD, distortion, and audio frequency
- audio parameters are settable

Operating modes

- full signaling active cell mode
- DTC or AVC generation test modes
- carrier wave mode

Other features

- Induced bit error rate, specific levels of bit errors can be induced onto the DTC link
- measurement integrity reports and automatic statistical test results reporting

For more information about the Agilent Technologies 8960 test set, visit our Web site:

<http://www.agilent.com/find/8960support/>



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Agilent T&M Software and Connectivity

Agilent's Test and Measurement software and connectivity products, solutions and developer network allows you to take time out of connecting your instruments to your computer with tools based on PC standards, so you can focus on your tasks, not on your connections. Visit

www.agilent.com/find/connectivity for more information.

Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you use Agilent equipment, we can verify that it works properly, help with product operation, and provide basic measurement assistance for the use of specified capabilities, at no extra cost upon request. Many self-help tools are available.

Your Advantage

Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and onsite education and training, as well as design, system integration, project management, and other professional engineering services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.

By internet, phone, or fax, get assistance with all your test & measurement needs

Phone or Fax

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(fax) 905 282 6495

China:

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