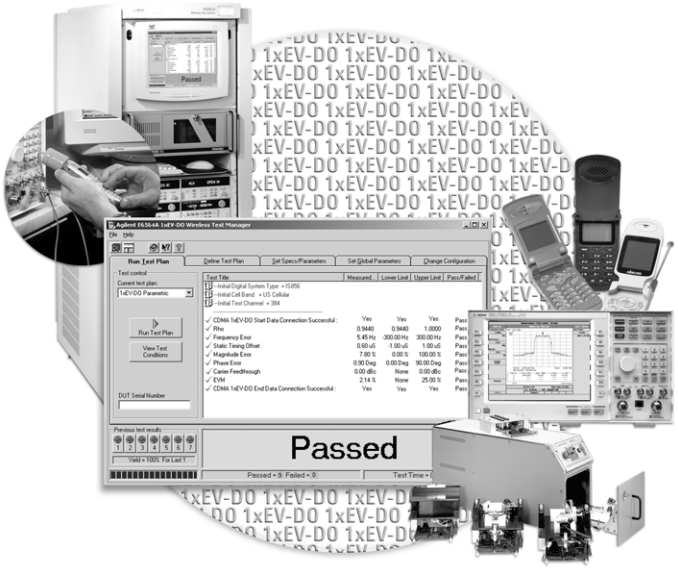
Agilent
E6564A 1xEV-DO
Wireless Test Manager

Product Overview



Powerful, easy-to-use test automation software for design and manufacturing helps you get your wireless devices released and into volume production fast

Tests Supported

Call processing
- Open/end
- Open/close
- IMT-2000, Korean PCS, US PCS, and US cellular bands
- Handoff (interband and channel)

Transmitter tests
- Waveform quality
- Code domain accuracy
- Transmitter spurious emissions
- Data, RRI, DRC, and ACK channel output power
- Maximum output power
- Access probe open loop power
- Minimum controlled output power
- Closed loop power control
- Time response for open loop power control

Receiver tests
- Traffic channel PER with AWGN
- Receiver sensitivity and dynamic range

General tests
- Current drain

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Hardware Supported

Test instruments

- Agilent 8960 Series 10 wireless communications test set
  - E5515C mainframe (or equivalent E5515B/T) with Option 003
  - E1966A 1xEV-DO mobile test application (revision A.01 or later)
- Agilent 66319B and 66321B power supplies
- Agilent 34970A with 34901A, 34903A, and 34907A data acquisition/switch unit

Fixtures

- Agilent E8421A wireless test fixture
- Tescom TC 5942B

Adapters

- Agilent 82357A USB/GPIB interface

PC cards

- Agilent GPIB
- National Instruments GPIB
- Advantech PCI 1750 digital I/O
- Rocket 9870-3 multi-port serial

Peripherals

- Symbol LS-12220-1200A fixed bar code reader
- Symbol LS-3603MX-1200A handheld bar code reader
- HP printers
- Epson MT-U200D strip printer

PC Requirements

- Microsoft® Windows NT, 2000, or 98 Second Edition
- Microsoft Visual Basic 6.0, Service Pack 5[1]
- Microsoft Internet Explorer Version 5.0 or later
- Adobe Acrobat Reader™ 4.0 or later[2]
- 500 MHZ Pentium® III or higher
- 256 MB RAM recommended, 128 MB RAM minimum
- 100 MB free hard drive space
- CD-ROM
- GPIB card or converter with VISA drivers
- Parallel port for security key (IEEE 1284, IETF 1287)
- Serial ports for fixtures, device control, and bar code reader

For More Information

E6564A wireless test manager product literature is available at **www.agilent.com/find/E6564A**

A demonstration and information on other wireless test manager products are available at **www.agilent.com/find/wtmanagers**

8960 test set specifications, product literature, application notes, and configuration guide are available at **www.agilent.com/find/8960**

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Product specifications and descriptions in this document subject to change without notice.

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1. Not required to run software, required for Visual Basic test development capability
2. Not required to run software, used to view help files in PDF format

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