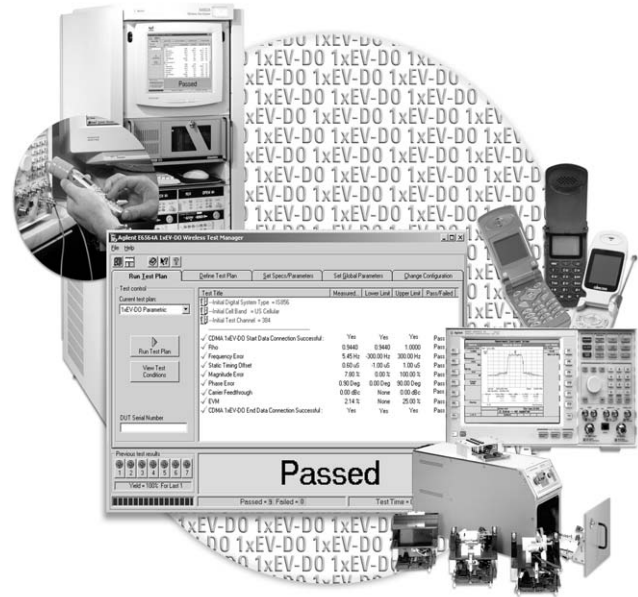


Agilent E6564C 1xEV-DO Wireless Test Manager

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

(Applies to 1xEV-DO Release 0 and Release A)

Call processing

- Open/end session
- Open data connection
- IMT-2000, Korean PCS, US PCS, AWS, 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
- Start loop
- End loop
- Send/Receive GPIB command
- Data analyzer
- Send/Receive DUT command
- Agilent 14565B Device Characterization Software control



Agilent Technologies

Hardware Supported

Test instruments

- Agilent 8960 Series 10 Wireless Communications Test Set
 - E5515C mainframe (or equivalent E5515B/T) with Option 003
 - E1966A 1xEV-DO Terminal Test Application (revision A.07.13 or later)
 - E1987A Fast Switching Test Application (revision A.05.18 or later)
 - Also compatible with:
 - E6706A 1xEV-DO Lab Application (revision A.04.13)
- Agilent 66319B and 66321B power supplies
- Agilent 34970A with 34901A, 34903A, and 34907A data acquisition/switch unit

Fixtures

- Tescom TC-5941, TC-5942, and TC-5952B

Adapters

- Agilent 82357A USB/GPIB interface
- National Instruments GP-IB-USB-A USB to GPIB

PC cards

- Agilent GPIB
- National Instruments GPIB
- Advantech PCI 1750 digital I/O
- Control RocketPort 95870-3 and 99096-3 multi-port serial

Peripherals

- Symbol LS-1220-1200A fixed bar code reader
- Symbol LS-3603MX-1200A, P300FZY, and LS4004I-1100 handheld bar codereader
- HP printers
- Epson TM-U200D and TM-U220D strip printer

PC Requirements

- Operating system: Microsoft® Windows® XP Professional® Service Pack 2 or later, Windows 2000® Professional, Service Pack 4 or later
- Microsoft Visual Studio® .NET (for development)
- Microsoft Internet Explorer® Version 5.0 or later
- 600 MHz Pentium® III or higher
- 256 MB RAM minimum (512 MB is recommended for normal development)
- 200 MB free hard drive space
- CD-ROM
- GPIB card or converter with VISA drivers (one per test system)
- USB port for security key connection
- Serial ports for fixtures, device control, and bar code reader
- Compatible with E6571A and E6571C Wireless Test Manager Run-Time License

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Order Information

- E6564C 1xEV-DO Wireless Test Manager
- Option 100 development and run-time license with software
- Option 200 development and run-time software upgrade

For More Information

E6564C wireless test manager specifications and product literature are available at www.agilent.com/find/E6564C

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

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