Agilent
E6560A cdma2000/IS-95
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

CDMA call processing
- registration
- page (base station origination)
- MS (mobile station) origination
- base station release
- voice quality analog quick audio functionality
- talk time
- IMT-2000, Japan CDMA, NMT-450, Korean PCS, US PCS, and US cellular bands
- cdma2000, IS-95, and AMPS wireless systems
- hard handoffs (system, band, channel and PN offset)

CDMA transmitter tests
- waveform quality
- code domain power
- traffic channel open loop power control
- closed loop power control
- maximum RF output power
- minimum controlled output power
- access probe open loop power
- gated power
- code channel timing and phase error
- transmitter spurious emissions
- handoff waveform quality
- code channel power accuracy

CDMA receiver tests
- traffic channel FER with AWGN
- supplemental channel FER with AWGN
- receiver sensitivity FER

CDMA RX/TX tests
- quick general test

AMPS transmitter tests
- frequency error
- RF power output
- audio frequency response
- audio distortion
- FM hum and noise
- SAT deviation and frequency error
- compressor response

AMPS receiver tests
- SINAD
- audio frequency response
- audio distortion
- hum and noise
- expandor response

AMPS RX/TX
- quick general test

General tests
- current drain

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Hardware supported
Test instruments
- Agilent 8960 test set
- E5515C mainframe (or upgraded E5515B/T) with Option 003
- E1962B cdma2000/IS-95/AMPS mobile test application (revision B.03 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
- Agilent N4049A (Tescom TC 5942B)

Adapters
- Agilent 82357A USB/GPIB interface
- National Instrument GPIB-USB-A external controller

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 SE (Second Edition)
- Microsoft Visual Basic 6.0, Service Pack 5[1]
- Microsoft Internet Explorer Version 5.0 or later
- Adobe Acrobat™ 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
- serial ports for fixtures, device control and bar code reader

For more information
E6560A wireless test manager specifications and product literature are a available at **www.agilent.com/find/E6560A**

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

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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