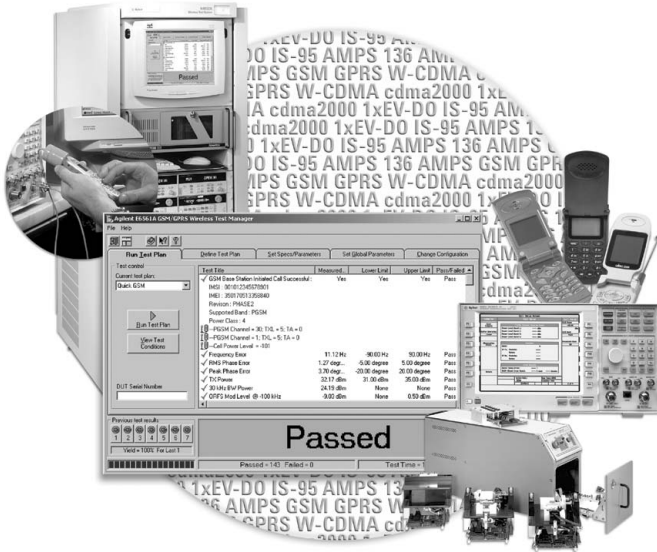


# Agilent E6566C GSM/GPRS/EGPRS Wireless Test Manager

## Product Overview



***Powerful, easy to use test automation software for design and manufacturing helps you get your wireless devices released and into volume production quickly. Use with Agilent's test application for faster combined GSM/GPRS/EGPRS testing, with continuous attach/camp capability and seamless format switching.***

## Tests Supported

### Call processing functionality

- GSM MS and BS origination
- GSM MS and BS release
- GPRS mobile-initiated attach and detach
- GPRS and EGPRS packet data transfers on uplink and downlink
- GSM 450 MHz, GSM 480 MHz, GSM 750 MHz, GSM 850 MHz, PGSM 900 MHz, EGSM 900 MHz, PCS 1900 MHz, DCS 1800, RGSM bands
- Channel, band, and format changes with continuous attach/camp
- Band indicator of DCS or PCS

### Transmitter tests

- GSM/GPRS/EGPRS Tx power
- EGPRS modulation accuracy
- GSM/GPRS/EGPRS phase and frequency error
- Power verses level (GSM only)
- Burst timing
- GSM/GPRS/EGPRS output RF spectrum
- GSM/GPRS/EGPRS power versus time

### Receiver tests

- GSM fast BER
- GSM BER
- GSM/GPRS BER
- GPRS/EGPRS BLER
- EGPRS SRB bit error
- Rx level and quality report
- GSM/GPRS/EGPRS burst timing error

### General tests

- Current drain
- GSM voice quality
- Data analyzer
- 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 002
  - E1987A Fast Switching Mobile Test Application
  - E1968A GSM/GPRS/EGPRS Test Application (all option combination, revision A.06.56 or later)
- Agilent 66311B, 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 Instrument GPIB-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 code reader
- 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

### Order Information

- E6566C GSM/GPRS/EGPRS Wireless Test Manager
- Option 100 development and run-time license with software
- Option 200 development and run-time software upgrade

## Remove all doubt

Our repair and calibration services will get your equipment back to you, performing like new, when promised. You will get full value out of your Agilent equipment throughout its lifetime. Your equipment will be serviced by Agilent-trained technicians using the latest factory calibration procedures, automated repair diagnostics and genuine parts. You will always have the utmost confidence in your measurements.

Agilent offers a wide range of additional expert test and measurement services for your equipment, including initial start-up assistance onsite education and training, as well as design, system integration, and project management.

For more information on repair and calibration services, go to

[www.agilent.com/find/removealldoubt](http://www.agilent.com/find/removealldoubt)

## www.agilent.com

For more information on Agilent Technologies' products, applications or services, please contact your local Agilent office. The complete list is available at: [www.agilent.com/find/contactus](http://www.agilent.com/find/contactus)

### Americas

Canada	877 894 4414
Latin America	305 269 7500
United States	800 829 4444

### Asia Pacific

Australia	1 800 629 485
China	800 810 0189
Hong Kong	800 938 693
India	1 800 112 929
Japan	81 426 56 7832
Korea	080 769 0800
Malaysia	1 800 888 848
Singapore	1 800 375 8100
Taiwan	0800 047 866
Thailand	1 800 226 008

### Europe & Middle East

Austria	0820 87 44 11
Belgium	32 (0) 2 404 93 40
Denmark	45 70 13 15 15
Finland	358 (0) 10 855 2100
France	0825 010 700* <small>*0.125 € fixed network rates</small>
Germany	01805 24 6333* <small>*0.14€/minute</small>
Ireland	1890 924 204
Israel	972 3 9288 504/544
Italy	39 02 92 60 8484
Netherlands	31 (0) 20 547 2111
Spain	34 (91) 631 3300
Sweden	0200-88 22 55
Switzerland (French)	41 (21) 8113811 (Opt 2)
Switzerland (German)	0800 80 53 53 (Opt 1)
United Kingdom	44 (0) 118 9276201

Other European Countries:

[www.agilent.com/find/contactus](http://www.agilent.com/find/contactus)

Revised: October 24, 2007

Microsoft, Windows, XP Professional, 2000, Visual Studio .NET, and Explorer are U.S. registered trademarks of Microsoft Corporation. Pentium is a registered trademark of Intel Corporation.

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

© Agilent Technologies, Inc. 2004, 2006, 2007  
Printed in USA, November 28, 2007  
5989-1685EN



### Agilent Email Updates

[www.agilent.com/find/emailupdates](http://www.agilent.com/find/emailupdates)

Get the latest information on the products and applications you select.



### Agilent Direct

[www.agilent.com/find/agilentdirect](http://www.agilent.com/find/agilentdirect)

Quickly choose and use your test equipment solutions with confidence.



Agilent Technologies