

## Agilent PoST Software Family E8290A, E8291A, E8292A, and E8294A



Verify the performance of CDMA, TDMA, GSM, and AMPS mobile phones—  
at the point-of-sale or anywhere  
within your service network

**PoST software is the easy-to-use, Windows®-based solution that lets you:**

### Reduce cost

- Save money by reducing the number of “no-trouble-found” phones
- Test on-the-spot in retail stores and return/repair facilities

### Streamline repair process

- Automate the testing of CDMA, TDMA, AMPS, and GSM mobile phones
- Verify phone performance with just a few mouse clicks—no technical expertise required

### Improve customer satisfaction

- Capture customer information and phone performance results instantly
- Analyze phone performance trends for better customer care
- Aggregate remote data from various locations via the web when using PoST in conjunction with ServiceCentral software





## Satisfy your customers and reduce costs

If you sell or repair mobile phones, you know the high cost of returns. When a customer brings a phone back to your retail store or service center, you need a quick and easy way to verify that phone's performance.

Agilent's Point of Service Test (PoST) software provides the solution. It automates Agilent Technologies mobile station test sets for very easy testing of CDMA, TDMA, GSM, and AMPS phones.

Using the PoST software and a PC, your sales clerks or other test operators can instantly determine whether or not a customer's phone is faulty.

By testing on the spot, your business will be able to respond quickly to customer problems. You will cut costs by handing out fewer replacement phones and by reducing the number of "no-trouble-found" phones that get sent back into the system for repair.

## Analyze trends

With the PoST software's powerful search, analysis, and storage capabilities, you can build a database of useful information to help you understand phone performance trends, improve customer care, and manage your service operation more efficiently.

The combination of PoST software and Agilent mobile station test sets also makes a practical test solution for your quality and repair groups and your verification lab.

### E8290A CDMA/AMPS PoST works with the following test sets:

- E8285A CDMA mobile station test set
- 8924E CDMA mobile station test set

### E8291A TDMA/AMPS PoST works with:

- 8920B RF communications test set, Option 800 or 801

### E8292A GSM PoST works with:

- E6392B GSM mobile station test set

### E8294A CDMA/AMPS PoST works with:

- E6393A CDMA mobile station test set

### Industry-standard testing

The PoST software family provides the tests for individual radio technologies based on industry standards. At right are some examples:

E8290A CDMA/AMPS	E8291A TDMA/AMPS	E8292A GSM/DCS	E8294A CDMA/AMPS
CDMA Quick General	TDMA RX Receiver Sensitivity	Mobile RX Reports	CDMA Waveform Quality and Frequency Accuracy
CDMA Waveform Quality and Frequency Accuracy	TDMA TX Modulation Accuracy	Peak Power	CDMA Softer Handoff
CDMA Softer Handoff	TDMA TX Adjacent Channel Power	Phase Error	CDMA Traffic Channel Open Loop Power
CDMA Traffic Channel Open Loop Power	TDMA TX RF Power Output	Power vs Time	CDMA Digital to Analog Handoff
CDMA Digital to Analog Handoff	Analog TX Frequency Error	Type II BER and FER	Analog TX RF Power Output
Analog RVC Data Deviation	Analog Signaling Tone/DST	Frequency Error	Tri-mode Phone Testing
Analog No Audio Functional	TDMA Handoff	Burst Timing Error	Analog TX Frequency Error
Analog RX Audio Frequency Response	Analog TX Audio Frequency Response	Current Drain	Analog Signaling Tone/DST
Analog TX RF Power Output	Analog SINAD	Echo Loopback	Analog SINAD
Tri-mode Phone Testing			

In operator mode, a test operator simply enters customer information on the PC screen, selects a pre-configured test procedure from the test plan menu, and clicks the start test button.

POST- 8924C CDMA Mobile Tests

File View Help

Run Test Plan

Start Test

View Media View Results

Current Test Plan  
PCS & AMPS Parametric

Customer Information  
Customer Name/Address  
First: John Last: Smith  
Address1: 123 Main Street  
Address2: Suite 100  
City: Anyplace State/Prov: WA USA Zip: XXXXX  
Test Phone Number (optional): ( ) - Phone Model: Dual Band Phone  
Alternate Phone Number: (000) 000-0000 Extension:   
Test Information  
Comments: Customer reports the phone is repeatedly dropping calls at the intersection of Highway 1 and Main. Customer was also asking if the audio quality was OK  
Store Name: Wireless-R-We Operator Name: Jane Anderson



## Simple operation and flexible capabilities

The Agilent PoST software features two modes of operation: one that ensures ease of use for non-technical users, and another that provides access to a rich development environment for test developers, technicians, and engineers.

## Automatic testing that anyone can perform

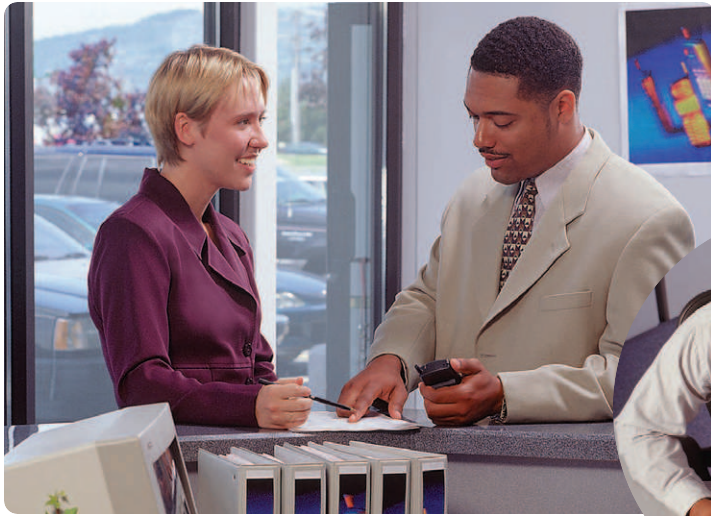
In operator mode, sales clerks and other non-technical users can set up and make fast, accurate measurements of phones. Minimal training is needed. With easy-to-follow on-screen instructions and a mouse-driven, Windows-based interface, non-technical users can quickly evaluate phone problems and identify potential “no-trouble-found” phones.

An on-line help menu with diagrams provides all the information necessary to run the tests. When the tests have been completed, the PoST software can display a “pass” or “fail” message and give options for viewing the test results, printing reports, and saving the test data to a file.

## Access to a powerful development environment

In the software’s development mode, technical users can access the software’s full set of capabilities to create customized tests for different phone models. Test plans, as well as test specifications and parameters, can all be set up and modified with ease.

Password protection lets you hide development mode screens from non-technical users, effectively maintaining the ease of operation and limiting access to the test set’s programming and control.



### Data analysis and reporting

The detailed and accurate performance data collected by the PoST software, along with customer information, can be exported in popular PC database and spreadsheet formats for use in trend-analysis and customer-care applications.

The PoST family of software products has been enhanced to allow test results, measured at various remote phone test facilities, to be saved to a central web database. This has been made possible through compatibility with ServiceCentral Technology's Analyzer Extension web interface software product. This software gives users the flexibility to easily perform trend analyses on centrally located data. The benefits of these analyses include: the ability to identify common phone faults throughout the users service chain, tracking unique local issues, monitoring specific service shop activity levels, and more.

For sales and technical information regarding the ServiceCentral Analyzer Extension software product, please contact ServiceCentral Technologies at (409) 870-7061 or visit their website at [www.ServiceCentral.com](http://www.ServiceCentral.com).

### Works with popular PC operating systems

PoST software runs on PCs with Microsoft Windows 95/98, Windows® NT 4.0, or Windows® 2000 operating systems.

### Easy connection to the test set

For easy connection between the Agilent 8924E and 8920B mobile station test sets and your PC, the PoST software comes standard with a serial-to-GPIB adapter. The adapter plugs onto the test set's GPIB connector and allows hookup to the PC using a standard serial cable included with the software. For the 8922, E6392B, and E6393A test sets, the PoST software comes standard with a serial cable for easy installation.

There is no need to install and configure any internal adapter cards in the test set or in your PC.

For related product information, and to download a demo version of the PoST software visit our website:

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

### Agilent Services and Support

In a constantly changing environment, Agilent's ability to understand your business needs and quickly provide the latest end-to-end service and support solution, gives you the certainty and confidence to accelerate the development and deployment of winning technologies for your customers.

For more information on Agilent support solutions visit:

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