

# The Most Complete Test Functionality for HSPA/W-CDMA Wireless Devices



- Reach your high-volume production goals with fast measurements and flexible UE connectivity
- Get the most complete HSPA/UMTS test solution integrated in a single box
- Confirm design conformance to 3GPP TS 34.121-1 W-CDMA/HSPA standards



Agilent Technologies

## Get the Leading One-Box Test Solution for HSPA, W-CDMA, and UMTS

Getting HSPA devices to market quickly is easy with Agilent's 8960 wireless communications test set (E5515C) and E1963A W-CDMA mobile test application with HSPA options (see Ordering Information for details). This product combination delivers an affordable, flexible, and integrated solution that speeds testing of HSPA/W-CDMA devices.

With the most complete test functionality for TS 34.121-1 Section 5 and 6 tests, E1963A with HSPA options provides flexible measurements and options in UE connectivity, giving design and manufacturing test engineers flexibility in creating test plans and the assurance that designs meet technology standards. Adding the E1968A GSM, GPRS, EGPRS, and E-EDGE test applications expands test coverage to include all UMTS formats in a single box. Move prototypes quickly into production with this test solution's fast and repeatable measurements, accurate characterization, and ease of programming.

## E1963A HSPA Features and Benefits

Purchasing HSPA options to add HSPA functionality to E1963A offers benefits like these:

- Support for radio bearer (RB) test mode and frequency division duplex (FDD) test mode provides flexibility in UE connectivity to meet your testing needs
- Support for testing all categories of HSPA/W-CDMA devices (HS-DSCH Categories 1-14, E-DCH Categories 1-7) allows you to take full advantage of your investment
- Complete suite of HSPA parametric tests assures that devices meet TS 34.121-1 Section 5 and 6 for W-CDMA/HSPA, providing your customers with confidence in your devices
- Simultaneous HSPA FDD operation with W-CDMA gives optimized, seamless testing of multi-mode devices
- Parallel HSPA/W-CDMA Tx and Rx measurements speed testing and lower your production costs
- Support for all 3GPP frequency bands (I to XIV, XIX, XX, and XXI) gives flexibility to test devices built for any region

## Get the Most Out of Your Investment

When you purchase the 8960, you get the world's leading multiformat wireless one-box test platform. In addition to HSPA and W-CDMA, the 8960 supports GSM, GPRS, EGPRS, E-EDGE, IS-95, cdma2000®, 1xEV-DO (Release 0, Release A and Release B), and AMPS/136 formats. Because the 8960 platform is the industry standard for manufacturing, you have the added confidence of proven performance, high integrity measurements, and expansion capabilities that ensure the viability of your test solution well into the future.

## Order Information

Model number	Description	Additional Info
E5515C	Wireless communications test set	
E1963A	W-CDMA mobile test application	
E1963A-403 <sup>1</sup>	HSDPA test modes	Up to 7.2 Mbps DL rate
E1963A-405 <sup>1</sup>	HSDPA 14.4 Mbps test modes	Up to 14.4 Mbps DL rate
E1963A-413 <sup>1</sup>	HSUPA test modes	Up to 5.7 Mbps UL rate
E1963A-423 <sup>1</sup>	HSPA+ test modes	Up to 21 Mbps DL rate Up to 11.5 Mbps UL rate

## Related Literature

*E1963A W-CDMA Test Application*, data sheet, 5990-5637EN

*Agilent 8960 Wireless Communications Test Set HSPA Applications*, photocard, 5989-7515EN

*8960 Series 10 Wireless Communications Test Set*, configuration guide, 5968-7873E

## For More Information

Learn more about the E1963A test application and HSPA feature options at: [www.agilent.com/find/E1963A](http://www.agilent.com/find/E1963A)

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1. Hardware upgrade may be required. Refer to the 8960 Series 10 configuration guide (5968-7873E).



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