Agilent
New 8960 Test Application Options
Offer Unique Lab Application Features
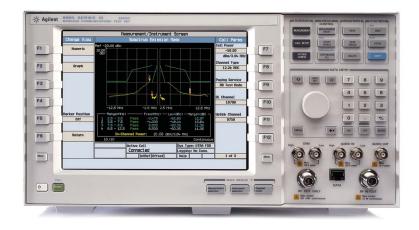
For the
E1962B cdma2000/IS-95/AMPS Mobile Test Application, and
E1966A 1xEV-DO Device Test Application

New options for the Agilent E1966A 1xEV-DO Device Test Application and the Agilent E1962B cdma2000/IS-95/AMPS Mobile Test Applications allow mobile device design and verification

- **Option 405** – Fading

- **Option 406** – Multi-unit synchronization

- **Option 407** – Protocol logging

These new capabilities, previously only available in Agilent 8960 lab applications, now allow you to pursue more complex and advance cdma2000®/IS-95/AMPS or 1xEV-DO tests with Agilent 8960 test applications. If you do not need all of the features and functions of the lab applications, you can order the options you need on the test application at a lower cost. These features will significantly accelerate your productivity for both device design and mobile verification.

Key Features

Fading*

E1962B Option 405, E1966A Option 405

- Low cost, high accuracy fading enables RF qualification testing throughout your lab and frees up your conformance test system

- Adds industry standard fading profiles and AWGN to the baseband waveform to enable receiver fading tests with unprecedented accuracy and repeatability.

- Typical E_b/N_t repeatability for fading tests is less than 0.1 dB

Multi-unit synchronization

E1962B Option 406, E1966A Option 406

- Allows the test set to be time-synchronized to another test set running a cdma2000 or 1xEV-DO test application or lab application

- Simulation of hybrid mode or pilot detection

- Supports tests of idle handoff and softer handoff

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Key Features *(continued)*

Protocol logging (via Wireless Protocol Advisor software)

E1962B Option 407, E1966A Option 407

- Provides extensive logging of mes messages at the air interface signaling layer, RLP layer, PPP layer, and IP layer in both the forward and reverse directions

- Useful in debugging manufacturing test flow and identifying problems

- Output protocol stream to external PC software (Wireless Protocol Analyzer)

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Revised: May 7, 2007

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

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