

Get your cdma2000/IS-95 dual mode wireless devices to market quickly



***Now with full
call processing
capabilities!***



Accelerate the move to higher data rate cdma2000 wireless devices

- Agilent's test solution helps you achieve your time-to-market goals for cdma2000/IS-95/AMPS tri-mode wireless devices based on the new IS-2000 standard
- Extremely fast cdma2000, IS-95, and AMPS transmitter measurements
- Simultaneous receiver and transmitter measurements enable maximum test throughput
- Designed for high-volume manufacturing and wireless device development
- Provides call processing and key RF parametric test capability for assessing the quality and RF performance of IS-2000 based wireless devices
- Provides flexible cdma2000 and IS-95 forward-link emulation for control of the pilot, sync, paging, AWGN, and other channels, levels and data rates used in R&D and production-test applications



Agilent Technologies

Meet aggressive time-to-market and production schedules with the Agilent E1962B cdma2000/IS-95/AMPS mobile test application

Growing demand for high speed data services means the roll out of cdma2000 wireless devices is essential. Agilent cdma2000 mobile test applications for the 8960 Series 10 test set provides critical capabilities to verify the quality RF performance of your cdma2000/IS-95 and AMPS devices, allowing you to finalize product designs and minimize time to volume.

CDMA transmitter tests

- Maximum power
- Minimum power
- Multi-coded waveform quality
- Handoff waveform quality
- Open loop power accuracy
- Open loop power calibration
- Access probe power
- Code domain power
- Gated power
- Code channel timing & phase
- Spurious emissions
- Time response of open loop

CDMA receiver tests

- Fundamental/Traffic channel sensitivity
- Supplemental channel sensitivity
- Dynamic range
- Demodulation with AWGN

AMPS transmitter tests

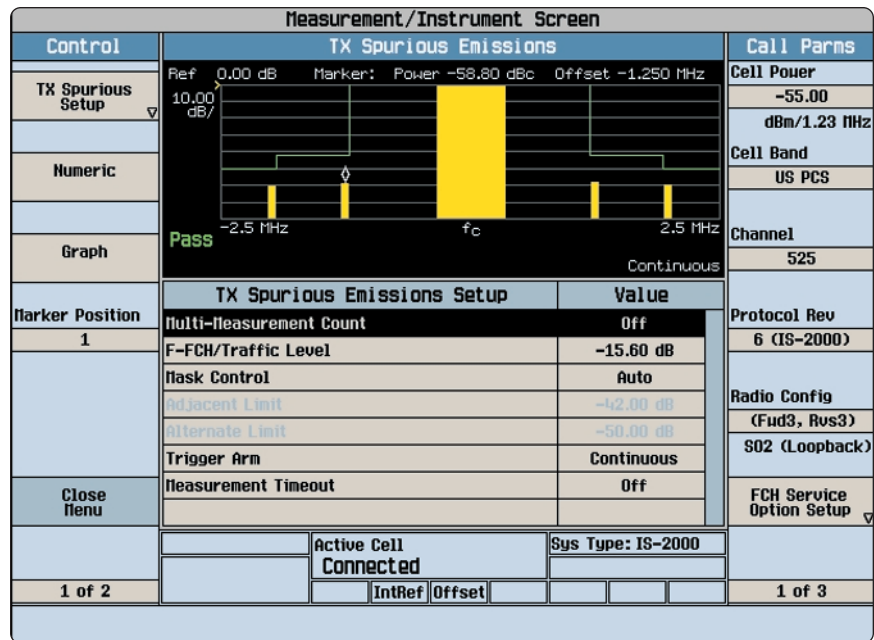
- RF power output
- RF frequency and frequency error
- FM deviation and distortion
- Audio frequency response
- Audio distortion
- FM hum and noise
- SAT deviation & frequency error
- Compressor response

AMPS receiver tests

- SINAD
- Audio frequency response
- Audio distortion
- FM hum and noise
- Expander response

More functions

- Fast call setup
- Spectrum monitor
- Code domain power for dated IS-98E standard



CDMA forward link emulation

The fully-coded IS-2000 forward-link emulation supports Radio Configurations 1 through 5 and all supplemental channel data rates associated with those configurations. Comprehensive signal generation capabilities including all applicable CDMA channels, modulation, and an AWGN source (1.8 MHz minimum bandwidth.) Flexible user control of the forward link emulation is provided through easy-to-use front panel control and remote GPIB.

Get the proven benefits of the Agilent 8960 test set

Because this cdma2000 test solution is based on the high-performance 8960 Series 10 test set, you gain the additional benefits of extremely fast measurement speed, ease of programming, accuracy, reliability, and worldwide service and support. These proven features help you shorten test development time, increase throughput, and minimize support costs.

Keep up with changing test needs

To help you keep up with the hyper pace of the mobile phone industry, the 8960 Series 10 is designed to quickly support changing and emerging standards enabling you to meet your time-to-market and production goals.

Additional information is available at www.agilent.com/find/8960support



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