

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E5515C

The Agilent/Keysight E5515C is the hardware platform for the 8960 Series 10 wireless communications test set, used to emulate cellular networks and test wireless devices. It supports a wide range of cellular technologies through licensed measurement and lab applications for both manufacturing and development workflows.

SPECIFICATIONS

General

Interfaces	GPIO, LAN
Platform/Series	8960 Series 10 hardware platform (E5515C)

RF Specifications (General)

RF Port Impedance	50 Ω
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Signal Generation (Base Station Emulation)

Base-Station/Network Emulation	Supported via 8960 lab applications
Signal Waveform Generation	Provided by 8960 test/lab applications (technology dependent)
Network Emulation Flexibility	Flexible network emulation via lab applications

Technology Support — GSM/GPRS/EDGE

GSM Technology Support	Supported (via measurement applications)
GPRS Technology Support	Supported (via measurement applications)
EGPRS Technology Support	Supported (via measurement applications)

Technology Support — W-CDMA/HSPA

W-CDMA Technology Support	Supported (via measurement applications)
HSPA Technology Support	Supported (via measurement applications)

Technology Support — cdma2000/1xEV-DO

cdma2000 Technology Support	Supported (via measurement applications)
1xEV-DO Technology Support	Supported (via measurement applications)
IS-95 (cdmaOne) Support	Supported (via measurement applications)

Technology Support — Other

TIA/EIA-136 Support	Supported (via measurement applications)
AMPS Support	Supported (via measurement applications)

Packet Data and IP Services

End-to-End Data Services	Supported via 8960 lab applications
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RF Measurements (Uplink)

RF Parametric Testing	Extensive RF parametric tests via test applications
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System Performance and Capacity

Manufacturing Test Focus	High speed, accuracy, and repeatability (8960 test applications)
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Programming and Automation

Remote Control Interface	GPIB (remote control supported)
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Connectivity and I/O

LAN Interface Presence	Present (instrument I/O)
GPIB Interface Presence	Present (instrument I/O)

Software Options and Licensing

Software Upgradeable	Yes (measurement and lab applications)
Measurement Applications	8960 test applications for manufacturing
Lab Applications	8960 lab applications for development and analysis

APPLICATIONS

High-volume mobile phone manufacturing test and wireless device development with network emulation and end-to-end data services (via 8960 applications).

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.