

Agilent E6607A EXT Wireless Communications Test Set

Make the move to non-signaling test with the EXT:

The most cost-effective way to manufacture next-generation wireless devices

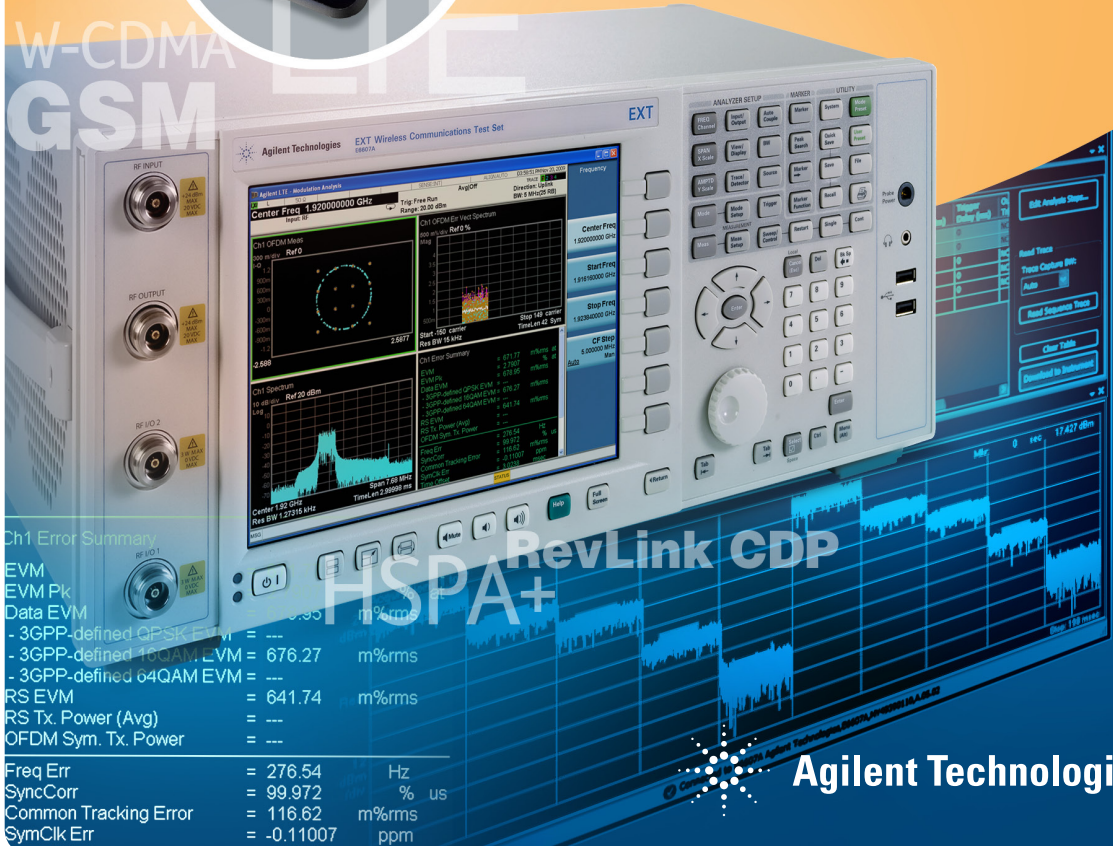
The Agilent Technologies EXT wireless communication test set has just the capability you need to reduce manufacturing costs in today's competitive environment. With fast measurements and flexible sequencer techniques, the EXT works in sync with chipset test modes to speed calibration and verification of the latest smartphones and other wireless devices.

The EXT is a one-box test set that integrates an innovative test sequencer, vector signal analyzer (VSA), vector signal generator (VSG), and multi-format hardware. Fast, standards-compliant measurements and modulation analysis capabilities are based on the proven measurement algorithms of the Agilent X-Series signal analyzers.

Unique, graphical Sequence Studio software for the EXT dramatically simplifies test plan creation and reduces the need for test programming support. And you can use the industry standard Signal Studio software with the EXT to automatically create complex test waveforms.



4G
EDGE EVO
1xEV-DO
QPSK
W-CDMA
GSM



Ch1 Error Summary		
EVM		
EVM Pk		
Data EVM		
- 3GPP-defined QPSK EVM	=	---
- 3GPP-defined 16QAM EVM	=	676.27 m%rms
- 3GPP-defined 64QAM EVM	=	---
RS EVM	=	641.74 m%rms
RS Tx. Power (Avg)	=	---
OFDM Sym. Tx. Power	=	---
Freq Err	=	276.54 Hz
SyncCorr	=	99.972 % us
Common Tracking Error	=	116.62 m%rms
SymClk Err	=	-0.11007 ppm
...		

RevLink CDP
HSPA+

Agilent Technologies

Develop and optimize test plans

faster. The EXT provides extensive, easy-to-use tools that simplify code generation and reuse, measurement correlation and troubleshooting, and implementation of measurement routines.

Increase throughput in high volume production.

The EXT improves your test throughput with a host of standard features, including a powerful sequence analyzer, fast frequency and amplitude switching, individually settable measurement steps, deep measurement capture and long arb waveform playback, built-in PAVT and calibration measurements, a flexible 4-port RFIO, and more.

Protect your investment.

The EXT supports all major cellular and complementary radio formats in a single box, so there's no need to purchase additional instruments. As technology changes, simply add new software measurements to fit your production needs—installation is easy. Flexible licenses support your budget so that you can buy just what you need, when you need it.

Key EXT Features

- **Speed**—Execute test plans at the highest speed with a flexible test sequencer, fast frequency, and amplitude switching, and multi-signal acquisition.
- **Multiple formats**—Test new and existing radio formats including LTE, HSPA+, cdma2000®/1xEV-DO, WiMAX™, more.
- **Lower capital investment**—Reduce your initial capital investment with an architecture optimized for lower cost non-signaling test.
- **Lower long term costs**—Preserve your investment with an upgradeable processor, superior hardware and software scalability for technology and test-mode advances.
- **Flexibility**—Work with your device's built-in test modes providing sequencing over a wide frequency range.
- **Accuracy**—Deliver high first pass yields with accurate, repeatable results and measurement traceability.

www.agilent.com

www.agilent.com/find/E6607A

www.agilent.com/find/EXT

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

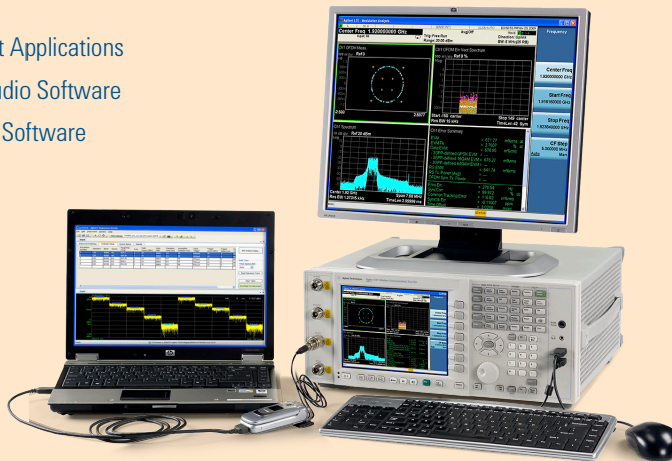
E6607A

10 MHz to 3.6 GHz

Measurement Applications

Sequence Studio Software

Signal Studio Software



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