### Keysight Technologies

### N9000A CXA Signal Analyzer Essential Signal Characterization With New RF and Microwave Enhancements

#### **Product Description**

A great low-cost signal analyzer, the Keysight Technologies, Inc. N9000A CXA X-Series signal analyzer surpasses the basics and delivers crucial functionality. That's the strength of the CXA signal analyzer, the leading low-cost tool for essential signal characterization. With frequency coverage up to 26.5 GHz, its capabilities provide a foundation for cost-effective RF and microwave testing, and beginning June 1, 2014 new enhancements enrich its value further.

#### New Enhancements

- Windows 7 operating system in all CXA configurations
- Enhanced phase noise for RF CXAs
- More measurement applications for microwave CXAs
- Extended operating temperature range: 0 to 55 °C

# Get more processing performance and better stability

- Windows 7 (W7X) operating system



 Standard 64-bit, 4 GB RAM high-performance processor (PC5)



#### Migrating to the Widows 7 OS is easy

Legacy CXA (S/N prefix < MY5423)	Upgrade option	Description
RF (with PC1 or PC3 processor)	N9094AK-PC5/W7X	64-bit high-performance processor, 4 GB RAM, removable solid state drive
MW (with PC5 processor)	N9094AK-SSD/W7X	Solid state drive, removable



## Maintain reliability in more severe conditions

- Operating temperature range extends over 0 to 55 °C
- Guaranteed performance within operating temperature range



# Measure more technologies with new applications on microwave CXA

- Cellular communications:
  - LTE-FDD/TDD
  - GSM/EDGE/Evo
  - W-CDMA/HSPA+
  - cdma2000®
  - 1xEV-DO
  - TD-SCDMA
  - Multi-standard radio (MSR)
- Wireless connectivity
  - Mobile WiMAX™
  - WLAN 802.11a/b/g/n
- Digital video technologies
  - Digital cable TV
  - DVB-T/H/T2
  - ISDB-T/Tmm
  - DTMB (CTTB)
  - CMMB

As part of the Keysight X-Series, the CXA provides seamless integration with the other X-Series signal analyzers. Its upgradable hardware and license-key upgrades for adding functionality or applications mean you can have the capability you need today and extend instrument longevity as your needs evolve. Get must-have capability with X-Series expandability in the CXA—and master the essentials.

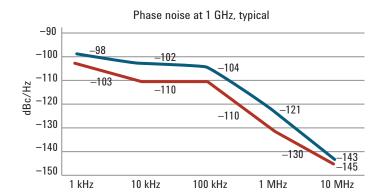
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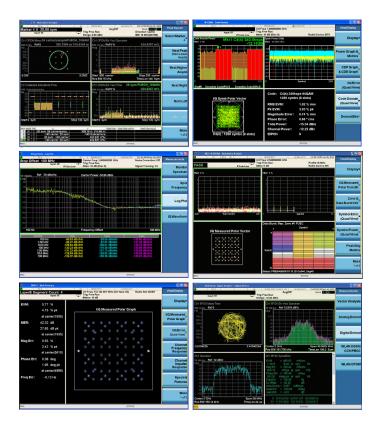
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## Gain enhanced phase noise for RF CXA units

- Now -110 dBc/Hz at 10 kHz offset, 1 GHz center frequency
- Up to 9 dB improvement (Option EP4 as identifier)





#### www.keysight.com/find/cxa

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus

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Published in USA, August 4, 2014
5991-4554EN
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