Agilent EXA Signal Analyzer

N9010A
9 kHz to 3.6, 7.0, 13.6, or 26.5 GHz

- Up to 300 percent faster than other economy analyzers
- +13 dBm TOI, –150 dBm/Hz DANL, 0.27 dB absolute amplitude accuracy
- Spectrum analysis and eleven advanced measurement applications–LTE, WiMAX, TD-SCDMA, noise figure, and more
- 89600 vector signal analysis software running inside the instrument supports more than 50 demodulation formats
- Code-compatible replacement for Agilent ESA Series economy spectrum analyzers
- MATLAB® software options available from Agilent

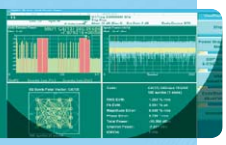
*Eliminate the compromise between **speed** and **price***

Agilent Technologies

Fastest signal analysis

Up to 300 percent faster than other economy analyzers

Broadest set of applications



Enhanced spectrum analysis, measurement specific software applications, complex signal analysis, and troubleshooting capabilities

- *89600 VSA software (internal)*
- *One-button measurement applications including LTE, WiMAX, W-CDMA, TD-SCDMA, and more–see page 10 for a full list of measurement applications*
- *More than 50 total demodulation capabilities via one-button applications and VSA software*
- *MATLAB software to analyze data, execute custom demodulation schemes, and automate measurements*

www.agilent.com/find/exa

Summary of Key Specifications

Frequency ranges	
Option 503	9 kHz to 3.6 GHz
Option 507	9 kHz to 7.0 GHz
Option 513	9 kHz to 13.6 GHz
Option 526	9 kHz to 26.5 GHz
Measurement speed	
Local measurement and display update	<11 ms
Remote measurement and LAN transfer	<4 ms
Marker peak search	<5 ms
Center frequency tune and transfer (RF)	<51 ms
Center frequency tune and transfer (uW)	<86 ms
Measurement/mode switching	<75 ms
W-CDMA ACLR fast measurement mode	<14 ms (σ = 0.2 dB)
Analysis bandwidth	
	10 MHz
W-CDMA ACLR dynamic range (typ)	
	68 dB 73 dB, noise correction on
Absolute amplitude accuracy (to 3.6 GHz, 95% confidence)	
	±0.27 dB
Displayed average noise level with preamp on (Option P03) – DANL (typ)	
1 GHz	–162 dBm
Displayed average noise level – DANL (typ)	
1 GHz	–150 dBm
Third-order intermodulation distortion – TOI	
1 GHz	+13 dBm
Phase noise (typ)	
10 kHz offset	–103 dBc/Hz
Resolution bandwidths	
	1 Hz to 3 MHz (10% steps); 4, 5, 8 MHz
Video bandwidths	
	1 Hz to 3 MHz (10% steps); 4, 5, 8, 50 MHz
Frequency reference	
Aging rate with Option PFR	±1 x 10^{-7}/year
Sweep time	
Span = 0 Hz	1 µs to 6000 s
Span ≥ 10 Hz	1 ms to 4000 s
Trace points	
All spans	1 to 20001

Maximum versatility to make every millisecond count

From product design to the production line, every new project demands decisions that require tradeoffs in your goals—customer specifications, throughput, and yield. Whether you're focused on time-to-market, time-to-volume, or cost of test, your choice of an economy signal analyzer should help you achieve those goals, while also saving you time and money.

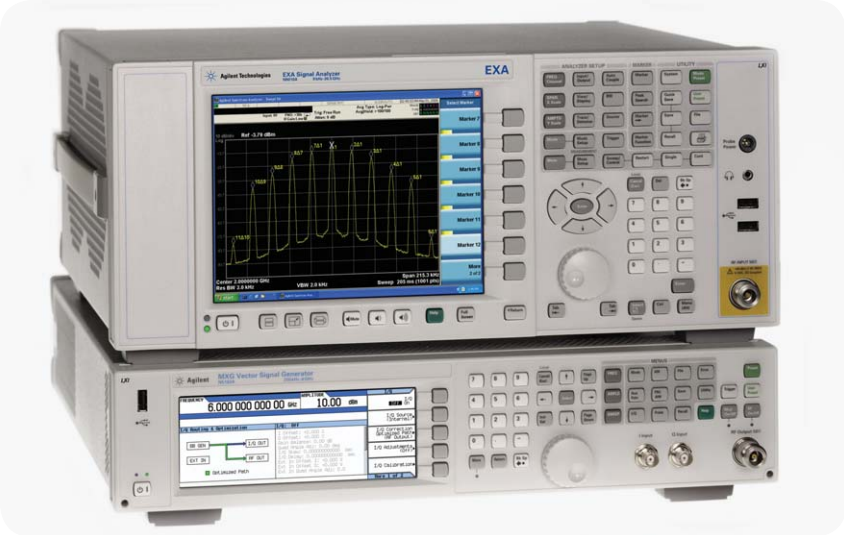
The EXA signal analyzer is part of the Agilent X-Series Signal Analyzers (MXA/EXA). The EXA leverages many of the advantages of the higher-performance MXA Series signal analyzer platform, while eliminating the compromise between speed and price.

It's the fastest analyzer in its class. What's more, the accuracy of the EXA accelerates the transition from design into manufacturing and lowers the cost of test. When you need speed you can afford, the Agilent EXA signal analyzer makes every millisecond count.

Accelerate product development and manufacturing test

During product design, the EXA signal analyzer helps you reach new insights faster. Pinpoint signal quality issues and optimize test margins and error budgets—confidently—with its wide array of fast, accurate measurement, and demodulation capabilities. The EXA shares these software applications with the midrange MXA signal analyzer, letting you select the level of performance you need from an X-Series analyzer, without compromising on speed, functionality, or connectivity.

When it's time to create solutions for automated test systems or manual testing stations, the EXA signal analyzer offers speed and simplicity. Fast, remote sweep and rapid trace transfer accelerate throughput and enhance yield. Front-panel capabilities such as auto-tune, fast mode switching, and 5-ms peak search save time and effort. In electronics, RF/microwave communications, and aerospace/defense, the EXA is the economy signal analyzer of choice.



For fast signal generation, see the Agilent MXG signal generator—optimized for manufacturing—www.agilent.com/find/mxg

Designed for versatility

The EXA signal analyzer is as functional as it is affordable. That makes the EXA signal analyzer the perfect choice for

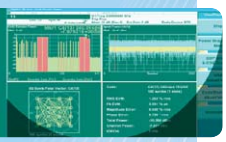
- *Research and development*
- *RF communications*
- *General purpose manufacturing test*
- *Automated manufacturing test*

Powerful user interface

- *Auto tune*
- *Built-in help based on user's guide and manual*
- *Advanced trace math*
- *Markers*
- *Usability, familiarity, and connectivity via open Windows operating system*

The Design Test Solution

Broadest set of applications



For advanced demodulation analysis and troubleshooting, the EXA and MXA signal analyzers provide enhanced spectrum analysis capabilities, support the 89600 VSA software, and offer optional measurement applications that address more than 50 demodulation formats including 2G, 3G, 3.5G, WiMAX, LTE, WLAN, RFID, and Private Mobile Radio. Select the performance you need without sacrificing usability, connectivity, or application coverage. In addition, optional MATLAB packages deliver MATLAB software that runs inside the EXA for advanced analysis and custom measurements.

www.agilent.com/find/exa

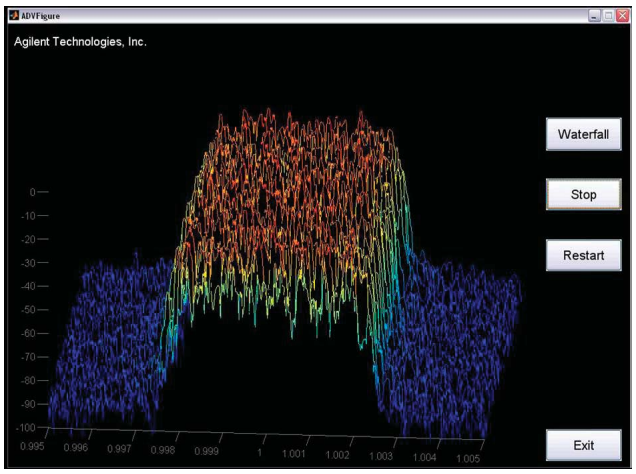
Reach new insights faster with versatile measurement capabilities

During product design, the EXA signal analyzer offers fast, accurate measurements that let you confidently pinpoint signal quality issues. Troubleshooting is made easy with capabilities formerly found only in high-end signal analyzers: 6 independent traces, 12 markers (24 delta pairs), band-power markers, a dynamic peak table, and more.

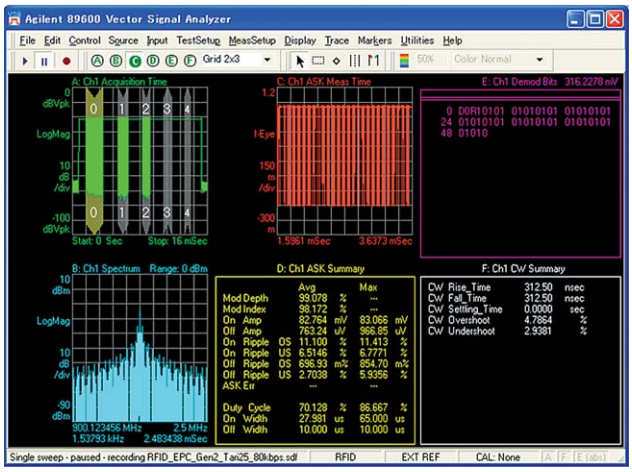
For advanced troubleshooting, the EXA supports more than 50 demodulation formats and measurement applications—phase noise, noise figure, analog demodulation (including AM/FM metrics and tune-and-listen), and more—as well as the industry-leading Agilent 89600 VSA software. To test a wide range of format-specific devices, you can also add fast, one-button power measurements. To perform custom analyses or proprietary tests unique to your design, import and run your own MATLAB macros. For your convenience, MATLAB software is now available for purchase directly from Agilent when you buy an EXA. All of these applications run inside the Windows®-based EXA.

Improve testing with affordable accuracy

The EXA provides highly accurate measurement results at an affordable price. Although the EXA is an economy analyzer, it enhances test margins and error budgets with specifications such as +13 dBm third-order intermodulation distortion, –146 dBm/Hz displayed average noise level, and –99 dBc/Hz phase noise.



Example application develped in MATLAB software for advanced signal identification.



Examine up to six displays simultaneously, including constellation and vector, EVM spectrum and time, and many more

The RF Test Solution

Reduce the cost-of-test in RF/μW wireless communications

The EXA signal analyzer gives you an edge in the manufacturing of RF and microwave communications devices. It starts with enhanced spectrum analysis capabilities, complemented with a comprehensive suite of standards-based power measurements. These fast, one-button, measurements include adjacent channel power (ACP), channel power, occupied bandwidth (OBW), spectrum emission mask, complementary cumulative density function (CCDF), burst power, and spurious emissions.

When demodulation is needed, quickly adapt to the latest standards—Mobile WiMAX, LTE, W-CDMA/HSDPA/HSUPA, GSM/EDGE, TD-SCDMA, cdma2000®—by adding specific measurement applications that include proven, industry-tested algorithms without compromising speed. The fast, intuitive W-CDMA adjacent channel power ratio (ACPR) measurements retain excellent, class-leading dynamic range even at high speed—unlike "fast ACPR" functions available elsewhere.

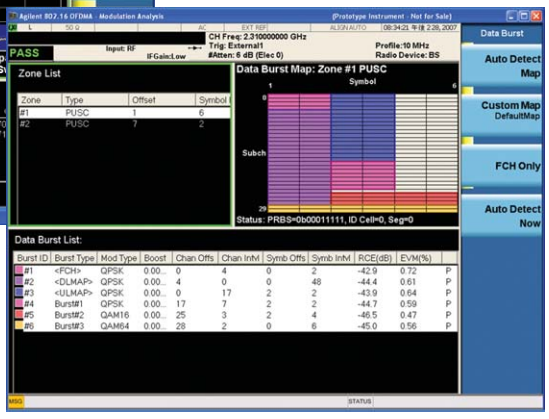
Leverage your existing test software

To help accelerate system development, the EXA is code-compatible with the Agilent MXA signal analyzer and provides the highest level of compatibility with Agilent PSA and ESA spectrum analyzers. When you need to replace these slower analyzers, SCPI programmability and versatile connectivity provides a solid foundation. Whether you want to streamline the design-to-manufacturing transition or need to update an existing test system, add the EXA without completely revising your system test code.

Discover remote operation

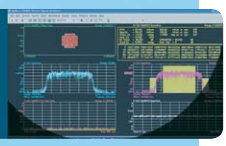
Utilizing Windows Desktop Remote functionality, you can control your EXA signal analyzer from across the room, in the next building, or around the world. This makes it possible to connect to a system installed in your contract manufacturer's facility and make measurements on the latest device.

Highest yet fastest ACP measurement in an economy class signal analyzer



Easily make one-button, pass/fail, standards-based measurements with the N9075A 802.16 OFDMA (WiMAX) measurement application

X-Series measurement applications



Enhanced spectrum analysis (standard)

- *Traditional spectrum analysis plus many enhanced and unique functions*
- *Power Suite provides standards-based, one-button measurements compliant with industry specifications*
- *MATLAB driver support for custom measurements*
- *Excellent tool for development and manufacturing*

Measurement-specific software applications (optional)

- *LTE, Mobile WiMAX, W-CDMA, HSDPA/HSUPA, GSM/EDGE, phase noise, noise figure, vector signal analysis, WLAN, flexible digital demodulation, analog demodulation*
- *One-button press or SCPI command initiates the measurement*
- *Optimized for speed in manufacturing*

Advanced troubleshooting and complex signal analysis (optional)

- *Industry-leading 89600 VSA software provides WiMAX, LTE, HSPA+, RFID, WLAN-MIMO, and more*
- *Free 14-day trial license*
- *Excellent design tool in R&D*

For more information, please visit the X-Series page at **www.agilent.com/find/**

The Manufacturing Test Solution

Agilent Open

Experience testing your way

Your test system architecture should give you choices. Its range of possibilities should fit your requirements, your preferences, and your existing test assets—hardware, software, and I/O. That's the power of Agilent Open, a combination of proven standards and time-saving tools for test automation:

- *PC-standard I/O working alongside GPIB*
- *An increasing number of LXI-compliant devices*
- *Instruments designed to boost throughput*
- *Software tools such as the Agilent IO Libraries*
- *MATLAB instrument driver tested and supported by Agilent*

These tools enable complete system configuration in less than 15 minutes. By giving you greater flexibility, Agilent Open accelerates the creation of cost-effective measurement solutions—and enables testing, your way.

www.agilent.com/find/exa

Simplify manual testing with an advanced—yet familiar—interface

When used within a test bench or rework station for general RF and microwave manufacturing, the EXA user interface is instantly familiar. The analyzer uses an open Windows XP Professional® operating system, letting you save files in formats compatible with common Windows applications and enabling easy connectivity to LAN, GPIB, and USB-based peripherals and accessories.

For greater one-box productivity, applications such as the Agilent 89600 vector signal analysis (VSA) software run inside the EXA. To make proprietary or frequently used measurements unique to your device, run MATLAB inside the EXA and create new analysis functions or import an existing macro library.

The EXA enhances its usability with built-in contextual help, which provides quick access to hints about instrument operation, infrequently used measurements, and more.

Enhance automated test throughput and yield with excellent speed and connectivity

For automated testing of RF and microwave devices, assemblies, and subsystems, the EXA improves test-system throughput with capabilities such as fast trace transfers and fastest-in-class, 11-ms remote sweep. You can also quickly characterize signal quality with power suite, a set of one button, format-specific, RF power measurements.

A range of available applications provide built-in measurements of analog demodulation, noise figure, phase noise, and more. These applications are common the X-Series signal analyzers, ensuring comparable results between R&D and manufacturing.

Achieve unprecedented test throughput with single acquisition combined measurements

Single acquisition combined measurements is a breakthrough solution that increases manufacturing throughput up to 20 times faster than traditional approaches. Its combined measurement application options allow for multiple and simultaneous RF measurements at a signal frequency, or measurements repeated over a series of rapidly-stepped frequencies. The single acquisition combined measurements execute a SCPI-based approach for parameter setup, data acquisition/calculation, and simple user interface view. Compared to the traditional one-button measurements implemented programmatically, the combined measurement method is an unconventional approach that allows manufacturers to trade accuracy for much faster measurement throughput. For more information visit:

www.agilent.com/find/N9071A_XFP

www.agilent.com/find/N9073A_XFP

The features that matter for manufacturing

Save software efforts

The EXA is code-compatible with the Agilent PSA and ESA spectrum analyzers, so software written for either of these analyzers will work with the EXA—usually without modification. To further protect your system-software investment, instrument drivers are the same across all Agilent X-Series signal analyzers. When you need to create new software, the embedded help capability lets you migrate from manual keystrokes to automated procedures—with every keystroke, the EXA displays the equivalent SCPI command.

Reduce test time

The EXA is the only economy instrument to provide capabilities such as auto-tune, 6 independent traces, 12 independent markers (24 delta pairs), and 5-ms peak search. To further accelerate signal characterization, available measurement applications include analog demodulation and noise figure. These applications are common to the Agilent EXA and MXA signal analyzers, ensuring valid comparison of production test results with R&D benchmarks. If further analysis is necessary, transfer test results through the built-in LAN and USB ports.

Easily connect and configure your system

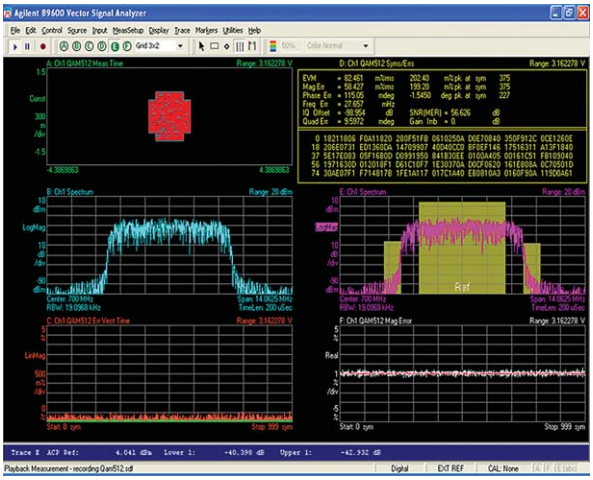
For flexible system connectivity, choose the interface you need: GPIB, LAN, or USB. Through its 100 Base-T LAN port, the EXA signal analyzer is LXI Class C-compliant, enabling fast, efficient, and cost-effective IEEE 1588 features such as time stamps and event logs to give unprecedented visibility into timing relationships and optimization. Peer-to-peer communication, multicast triggers, and downloadable scripts help improve test times, simplify critical timing relationships, increase system insight, and ease troubleshooting tasks. In addition, with IEEE 1588, instruments that are separated by long distances can still maintain communication and time synchronization. When high-speed USB connectivity is needed, connect accessory devices through six built-in ports and communicate with the EXA through a USB Test and Measurement Class (USBTMC) interface.

Evolve EXA capabilities as needed

Enhancing instrument functionality is easy. Any of the EXA's advanced measurement applications can be added at any time as your test needs—and budgets—evolve. All currently available instrument options are also license-key enabled, ensuring fast upgrades. Use EXA and MXA signal analyzers interchangeably to match the performance your device requires at each phase of development and manufacturing. Consistent applications, connectivity, and user interface ensure consistent results.

Eliminating the compromise between speed and price

Phase noise measurement application N9068A



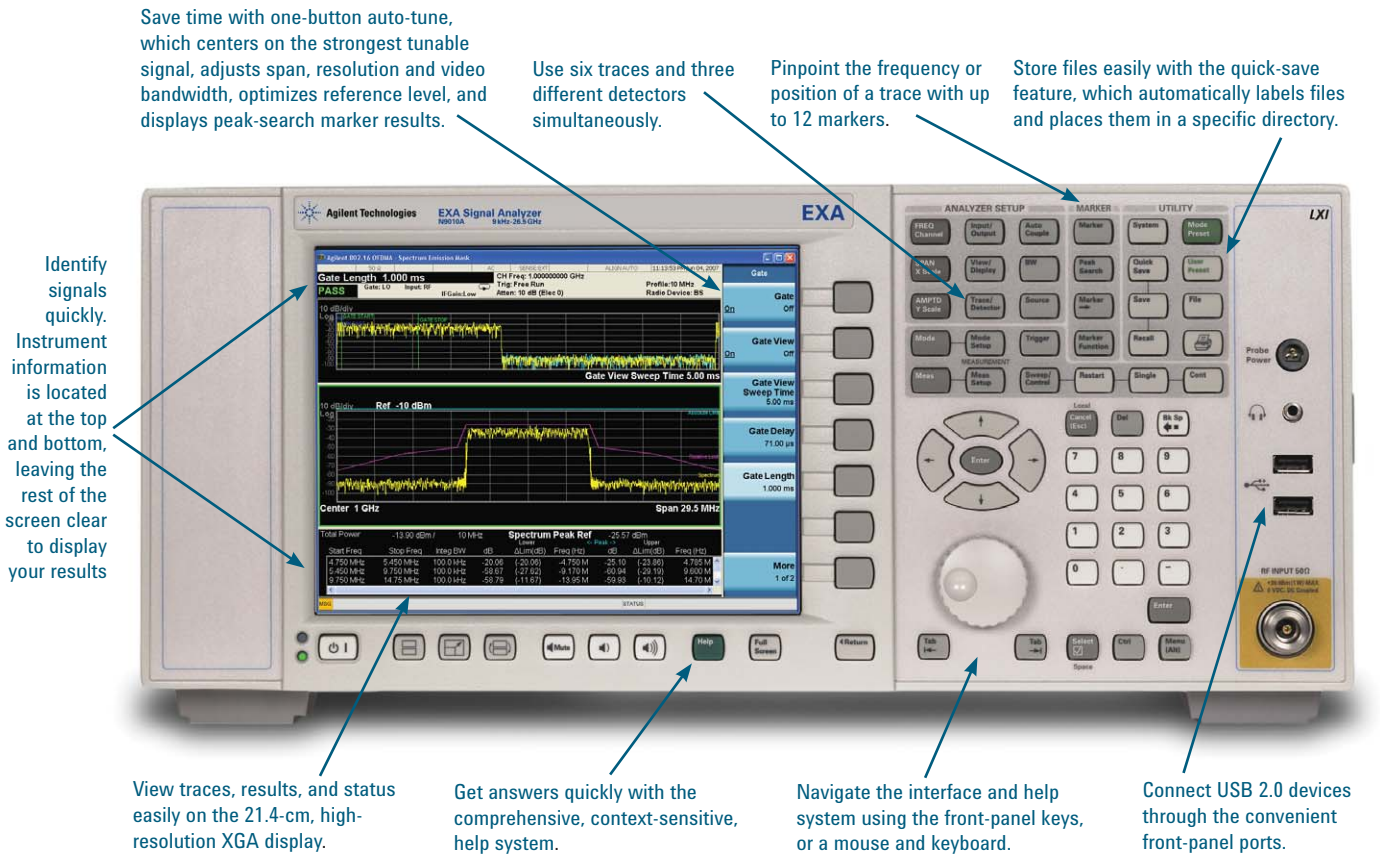
Examine up to six displays simultaneously, including constellation and vector, EVM spectrum and time, and many more

When Speed and...

Explore new dimensions in speed

Up to 300 percent faster than other economy analyzers, the EXA's speed is equally impressive from the front panel or as part of an automated test system. Its screen refresh rate is up to four times faster than the ESA and other economy analyzers. What's more, marker peak searches are more than 80 times faster than the alternatives, including the time required to send a command and receive data via GPIB—and it's even faster via LAN or USB. Speed comes from instant familiarity, too. The EXA utilizes an open Windows® XP Professional operating system and includes one-button help so you can quickly learn more about new, unfamiliar or complex functions.

The EXA is the fastest replacement for your current economy instrument—and switching from other analyzers is fast and simple. If you're already using the Agilent ESA spectrum analyzer, the EXA signal analyzer is the most code-compatible replacement. If you're using another economy or midrange analyzer, the EXA's Standards Commands for Programmable Instrumentations (SCPI) programmability and versatile connectivity make it easy to replace older, slower instruments.



...Price Meet

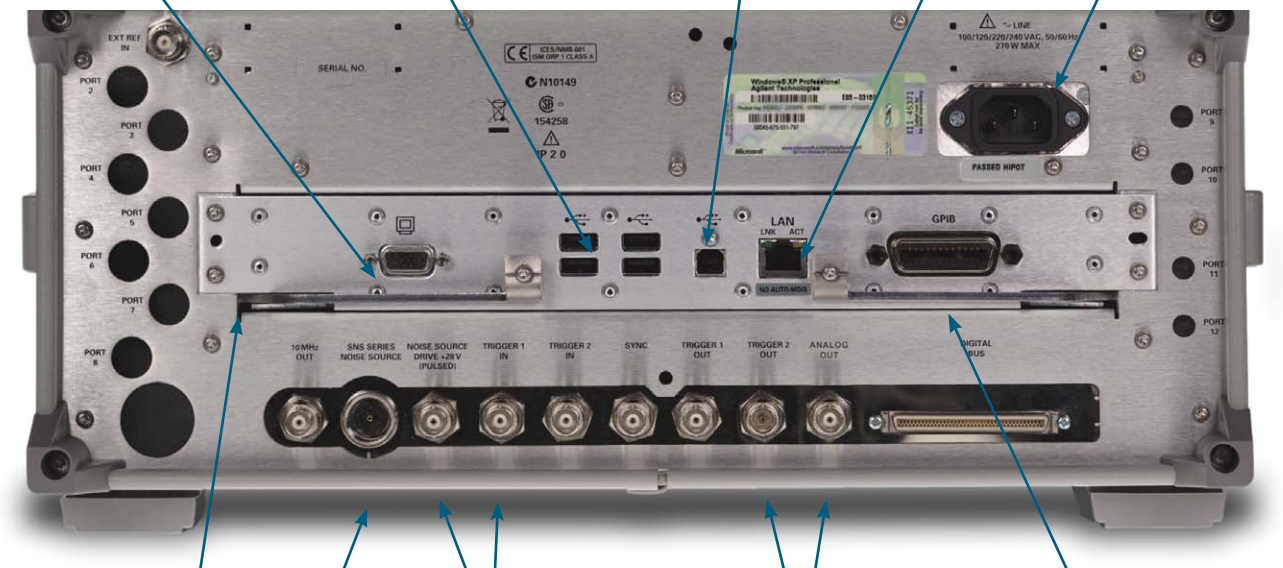
Optimize performance, budgets, and productivity

Meet your performance needs and budget constraints without compromising on high-end features, connectivity, user interface, or speed. Buy just the performance you need, knowing you can upgrade capabilities at any time.

The affordability of the EXA lets you boost productivity by putting its speed, accuracy, and versatility on every bench. With built-in GPIB, USB 2.0, and LAN connectivity—and LXI-C capabilities—setting up automated tests is quick and easy. What's more, the simple update process lets you enhance any individual instrument as test needs and budgets evolve.

The fastest economy class signal analyzer

Whether you're focused on time-to-market, time-to-volume, or cost of test, the EXA signal analyzer includes capabilities that will help you save both time and money. From the easy-to-read display to auto-tune and one-touch measurements, from context-sensitive help to easy, versatile connectivity, the EXA makes signal analysis faster, simpler, and more effective.



X-Series Measurement Applications

Ideal for manufacturing, practical for R&D

X-Series measurement applications provide application-specific and standard-based measurements with one-button simplicity and SCPI programmability.

Available Today:

• LTE	N9080A
• 802.16 OFDMA	N9075A
• W-CDMA	N9073A-1FP*
• HSDPA/HSUPA	N9073A-2FP
• GSM/EDGE	N9071A*
• cdma2000®	N9072A
• 1xEV-DO	N9076A
• TD-SCDMA	N9079A-1FP
• HSPA/8PSK	N9079A-2FP
• Analog demodulation	N9063A
• Phase noise	N9068A
• Noise figure	N9069A
• Remote language compatibility for 856xE/EC	N9061A-2FP
• VXA vector signal analyzer	89601X
• Basic vector signal analysis	205/333
• Flexible digital modulation analysis	AYA

* Single acquisition combined measurement available

www.agilent.com/find/xseries_apps

FREE Trial License

Try the X-Series measurement applications FREE for 14 days. Trial license provides unrestricted use of each application's features and functionality. Redeem a trial license for your X-Series signal analyzer online today.

www.agilent.com/find/xseries_trial

New MATLAB options

Purchase one of several MATLAB options with your MXA to analyzer data or execute custom demodulation schemes.

Visit
www.agilent.com/find/N6171A
for more information.

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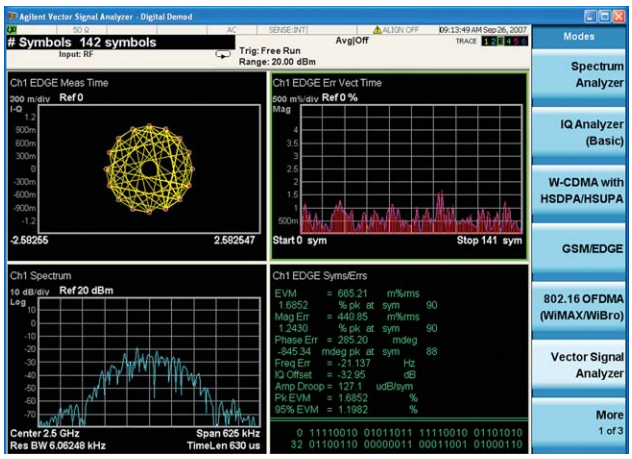
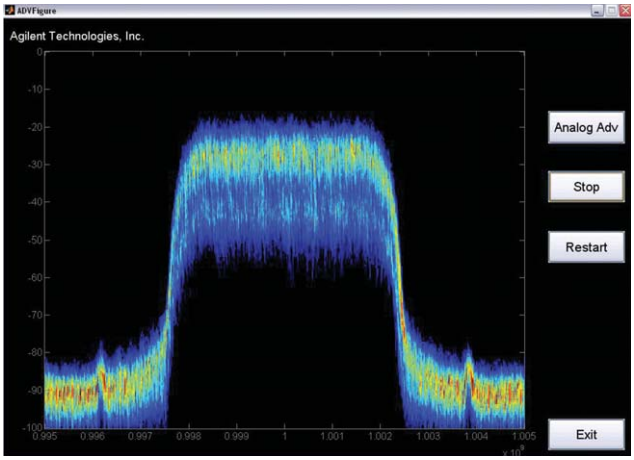


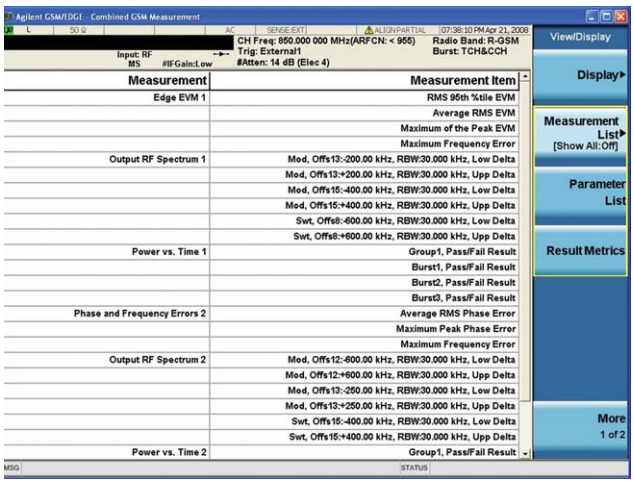
Agilent VXA signal analyzer measurement application
Adds basic vector signal analysis with AM/FM/PM or optional flexible modulation analysis of 2-16FSK, 2-8PSK, and 16-1024QAM signals—all with front panel control and SCPI programming.



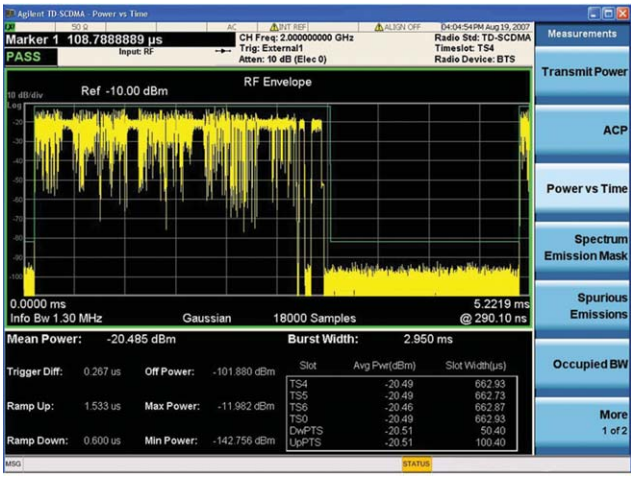
Advanced signal identification application developed with MATLAB software
Extend the functionality of Agilent signal and spectrum analyzers with MATLAB by analyzing and visualizing measurements, testing modulation schemes, and automating measurements.

X-Series Measurement Applications (continued)

Remote Language Compatibility for 856xE/EC N9061A-2FP
The N9061A remote language compatibility application software emulates the HP/Agilent 856xE/EC on the X-Series signal analyzers. It supports the most popular 856xE/EC commands to ease the migration from 856xE/EC to the X-Series analyzers in automated test environments.



Combined GSM/EDGE measurement N9071A-XFP
Table view of an example of C-GSM measurement list which corresponds with "READ:CGSM1" result of SCPI command. Combined measurement improves test throughput up to 20x.



TD-SCDMA measurement application N9079A
N9079A is fully 3GPP standard-compliant for TD-SCDMA power, spectrum measurements, and modulation analysis. It provides HSDPA (16QAM, 64QAM), HSUPA (16QAM), and 8PSK measurement capabilities as well as phase shift or rotation demodulation capability for different channel code.

EXA Ordering Information

The Agilent X-Series Signal Analyzers

Eliminate the compromises

When your test requirements demand top speed, the Agilent X-Series meets your needs without compromise. The midrange Agilent MXA signal analyzer delivers amazing speed and performance, while the economy Agilent EXA signal analyzer provides excellent speed for the price. For advanced analysis, the Agilent 89600 VSA software and our full range of X-Series applications run inside both the MXA and EXA. In automated testing, code written for the MXA works with the EXA and vice versa. From the front panel, all X-Series analyzers provide an innovative and useful user interface.

To learn more about the X-Series advanced measurement applications, please visit

www.agilent.com/find/xseries_apps

www.agilent.com/find/exa

N9010A-PRC portable configuration

Description	Ordering number	Upgradeable
Instrument		
EXA signal analyzer N9010A (includes spectrum analyzer measurement application)		
Frequency range, 20 Hz to 7.0 GHz	N9010A-507	No
Frequency range, 20 Hz to 13.6 GHz	N9010A-513	No
Frequency range, 20 Hz to 26.5 GHz	N9010A-526	No
Instrument security, additional CPU and HDD	N9010A-CPU	Yes
Portable configuration	N9010A-PRC	Yes
Performance options		
Precision frequency reference	N9010A-PFR	Yes
Electronic attenuator, 3.6 GHz	N9010A-EA3	Yes
Preamplifier, 3.6 GHz	N9010A-P03	Yes
Measurement applications		
Remote language compatibility application	N9061A	Yes
Analog demodulation measurement application	N9063A	Yes
Phase noise measurement application	N9068A	Yes
Noise figure measurement application	N9069A (requires preamplifier)	Yes
GSM/EDGE measurement application	N9071A-1FP	Yes
Single acquisition combined GSM/EDGE measurement	N9071A-XFP (requires 1FP)	Yes
cdma2000 measurement application	N9072A	Yes
W-CDMA measurement application	N9073A-1FP	Yes
HSDPA/HSUPA measurement application	N9073A-2FP (requires 1FP)	Yes
Single acquisition combined W-CDMA measurement	N9073A-XFP (requires 1FP)	Yes
802.16 OFDMA (WiMAX) measurement application	N9075A	Yes
1xEV-DO measurement application	N9076A	Yes
TD-SCDMA measurement application	N9079A-1FP	Yes
TD-SCDMA measurement application HSPA/8PSK	N9079A-2FP	Yes
LTE measurement application	N9080A	Yes
89600 VSA software	89601A	Yes
VXA vector signal analyzer measurement application	89601X	Yes
Basic VSA-Lite	89601X Opt 20	Yes
X-Series connectivity	89601X Opt 333 (requires 205)	Yes
General purpose digital modulation	89601X Opt AYA (requires 205/333)	Yes
MATLAB - Basic Signal Analysis Package	N6171A-M01	No
MATLAB - Standard Signal Analysis Package	N6171A-M02	No
MATLAB - Advanced Signal Analysis Package	N6171A-M03	No

EXA Ordering Information (continued)

Description	Ordering number	Upgradeable
Accessories		
Hard transit case	N9010A-HTC	Yes
Rack mount kit with handles	N9010A-1CP	Yes
Front handle kit	N9010A-1CN	Yes
Rack mount kit with handles	N9010A-1CM	Yes
Rack slide kit	N9010A-1CR	Yes
Calibration (Options not available in all countries)		
Commercial calibration certification with test data	N9010A-UK6	No
ISO 17025 compliant calibration	N9010A-1A7	No
ANSI Z540 compliant calibration	N9010A-A6J	No
Minimum loss pad, 50 to 75 ohms (Type N to BNC)	N9010A-MLP	Yes

The X-Series Advantage

X-Series signal analyzer comparison

Capabilities and characteristics	EXA economy signal analyzer	MXA midrange signal analyzer
Auto tune	Yes	Yes
Traces with independent detector control	6	6
Individual markers	12	12
Easy-to-read marker table	Yes	Yes
One-button power suite measurements	7	7
89600 VSA software running inside	Yes	Yes
Absolute amplitude accuracy (to 3.6 GHz)	±0.27 dB	±0.23 dB
Analysis bandwidth (standard; optional)	10 MHz	10 MHz; 25 MHz
Third-order intermodulation distortion (TOI)	+13 dBm	+16 dBm
Displayed average noise level (DANL) (typical; pre)	–150 dBm/Hz; –162 dBm/Hz	–154 dBm/Hz; –166 dBm/Hz
Phase noise	–99 dBc/Hz at 10 kHz offset	–103 dBc/Hz at 10 kHz offset
Hardware options	Four: EA3, P03, FSA, PFR	Seven: EA3, PFR, P03, P08, P13, P26, B25, BAA
X-Series advanced applications (See page 10 for full list)	All	All

The Agilent X-Series Signal Analyzers

Leverage your investment

Another advantage to using the Agilent X-Series signal analyzers is that the common platform provides you with the ability to better leverage your investment of measurement applications. Now you can run the same applications on an MXA as the EXA without making any adjustments. Think of the time you can save using these X-Series advanced measurement applications.

To learn more about the MXA signal analyzer, please visit

www.agilent.com/find/mxa

www.agilent.com/find/exa

Literature Resources

Agilent MXA Signal Analyzer

Agilent MXA Signal Analyzer, Brochure, Literature number: 5989-5047EN

Agilent MXA Signal Analyzer, Data Sheet, Literature number: 5989-4942EN

Agilent MXA Signal Analyzer Configuration Guide, Literature number: 5989-4943EN

Agilent EXA Signal Analyzer

Agilent EXA Signal Analyzer, Brochure, Literature number: 5989-6527

Agilent EXA Signal Analyzer, Data Sheet, Literature number: 5989-6529EN

Agilent EXA Signal Analyzer Configuration Guide, Literature number: 5989-6531EN

Agilent X-Series Signal Analyzers

Agilent X-Series Signal Analyzer (MXA/EXA) Demonstration Guide, Literature number: 5989-6126EN

Agilent X-Series Signal Analyzers (MXA/EXA) W-CDMA, HSDPA/HSUPA Technical Overview, Literature number: 5989-5352EN

Agilent X-Series Signal Analyzers (MXA/EXA) 802.16 OFDMA Technical Overview, Literature number: 5989-5353EN

Agilent X-Series Signal Analyzers (MXA/EXA) Phase Noise Technical Overview, Literature number: 5989-5354EN

Agilent X-Series Signal Analyzers (MXA/EXA) GSM/EDGE Technical Overview, Literature number: 5989-6532EN

Agilent X-Series Signal Analyzers (MXA/EXA) cdma2000, 1xEV-DO Technology Overview, Literature number: 5989-6533EN

Agilent X-Series Signal Analyzers (MXA/EXA) TD-SCDMA Technical Overview, Literature number: 5989-6534EN

Agilent X-Series Signal Analyzers (MXA/EXA) Analog Demodulation Technical Overview, Literature number: 5989-6535EN

Agilent X-Series Signal Analyzers (MXA/EXA) Noise Figure Technical Overview, Literature number: 5989-6536EN

Agilent X-Series Signal Analyzers (MXA/EXA) Remote Language Compatibility, Technical Overview, Literature number: 5989-6539EN

Using Agilent X-Series Signal Analyzers (MXA/EXA) for Measuring and Troubleshooting Digitally Modulated Signals, Application Note Literature number: 5989-4944EN

Using Agilent X-Series Signal Analyzers (MXA/EXA) Preselector Tuning for Amplitude Accuracy in Microwave Spectrum Analysis, Application Note Literature number: 5989-4946EN

Maximizing Measurement Speed with Agilent X-Series Signal Analyzers (MXA/EXA), Application Note, Literature number: 5989-4947EN

VXA Vector Signal Analyzer Measurement Applications

VXA Measurement Application, Technical Overview, Literature number: 5989-7463EN

Option AYA Vector Demodulation, Technical Overview, Literature number: 5989-7464EN

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www.lxistandard.org
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