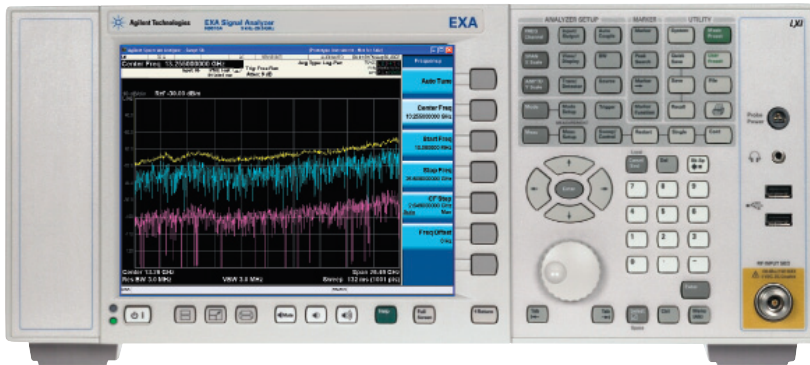


## Agilent N9010AEP EXA Signal Analyzer Express Configuration

Frequency ranges: 9 kHz to 3.6, 7.0, 13.6 or 26.5 GHz



### Maximize throughput

The economy-class EXA is the fastest way to maximize throughput on the production line. From measurement speed to code compatibility, it makes every millisecond count and helps you reduce your overall cost of test. In education labs and research, the Agilent EXA signal analyzer is a versatile, low-cost tool for essential signal characterization.

### Our most popular product configurations: simpler, faster, more value!

The Agilent N9010AEP EXA signal analyzer express configuration provides excellent value and the fastest delivery of the most popular EXA configurations. Created to get necessary RF and microwave tools into your hands more quickly, the express configurations provide the performance of an EXA signal analyzer delivered RIGHT NOW. And as one of the X-Series future-ready instruments, these express configurations can evolve as technology changes.

### Arrive ahead

We can't predict the future, but Agilent can help you shape it with future-ready test assets. The Agilent X-Series is an evolutionary approach to signal analysis that spans instrumentation, measurements and software. It gives you the flexibility to satisfy your business and technical requirements across multiple products and programs—now and in the future. The X-Series also creates a consistent framework that enables your teams to move at a faster pace. Stay ready, stay in sync and arrive ahead—with the Agilent X-Series.

### Ideal for:

- Product R&D and manufacturing
- Education labs and research

### Available performance upgrades:

- Fine resolution step attenuator
- Basic EMC functionality
- Precision frequency reference

### X-Series benefits and features:

#### Future-ready instruments—so you can evolve as technology changes

- Move along the performance curve today and tomorrow without rewriting your test code, optimizing price and performance for whichever technologies you're pursuing and whichever X-Series analyzer you choose to use
- Evolve with commercial PC technology, keeping your test assets current and extending instrument longevity with upgradeable CPU, memory, disk drives, and I/O ports
- Upgrade instrument functionality and applications with no downtime via license key upgrades
- Enhance uptime with proven X-Series reliability and robust hardware architecture

#### Consistent measurement framework for signal analysis—enables your teams to move at a faster pace

- Ensure repeatable results and measurement integrity with proven algorithms used across the X-Series. For example, built-in PowerSuite provides a comprehensive collection of one-button measurements that provide consistent results across the X-Series and with legacy PSA and ESA signal analyzers
- Boost efficiency and productivity with a common, familiar user-interface: learning one X-Series signal analyzer means knowing them all
- Leverage test-system software from R&D to design verification to manufacturing with 100% code compatibility (programming commands) across the full range of X-Series performance points
- Transport applications across multiple X-Series analyzers, across the lab or around the globe

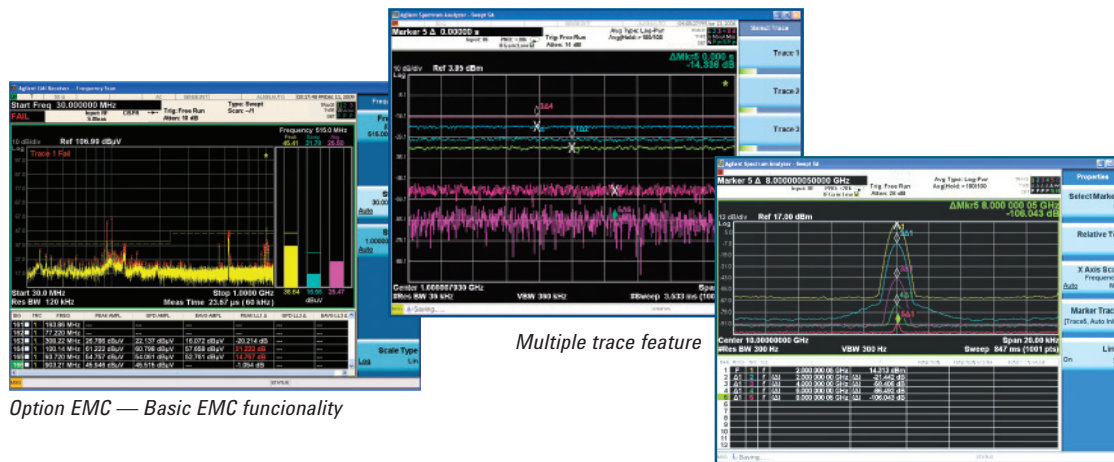


## Agilent N9010AEP EXA Signal Analyzer Express Configuration

Key specifications	
Frequency ranges	9 kHz to 3.6 GHz (N9010AEP-001) 9 kHz to 7.0 GHz (N9010AEP-002) 9 kHz to 13.6 GHz (N9010AEP-003) 9 kHz to 26.5 GHz (N9010AEP-004)
Absolute amplitude accuracy	± 0.27 dB
Displayed average noise level (DANL) @ 1 GHz	-163 dBm with preamplifier (typical)
Third-order intermodulation distortion (TOI) @ 1 GHz	+15 dBm (typical)
Phase noise	-102 dBc/Hz (1 GHz, 10 kHz offset)
Analysis bandwidth	10 MHz standard
Resolution bandwidths	10% steps
Video bandwidths	1 Hz to 3 MHz (10% steps), 4, 5, 6, 8 MHz and wide open (labeled 50 MHz)
Trace points	1 to 40,001 (all spans)

Model	Description
N9010AEP-001	EXA express frequency range, 9 kHz to 3.6 GHz with 3.6 GHz preamplifier and 3.6 GHz electronic attenuator
N9010AEP-002	EXA express frequency range, 9 kHz to 7.0 GHz with 7.0 GHz preamplifier and 3.6 GHz electronic attenuator
N9010AEP-003	EXA express frequency range, 9 kHz to 13.6 GHz with 7.0 GHz preamplifier and 3.6 GHz electronic attenuator
N9010AEP-004	EXA express frequency range, 9 kHz to 26.5 GHz with 7.0 GHz preamplifier and 3.6 GHz electronic attenuator

Options	Description
N9010AEP-FSA	Fine resolution step attenuator
N9010AEP-EMC	Basic EMC functionality
N9010AEP-PFR	Precision frequency reference



To find a distributor in your area, go to [www.agilent.com/find/distributors](http://www.agilent.com/find/distributors)

**Recommended service options**  
 Additional two years of **Return-to-Agilent warranty**  
 Additional two years of **Return-to-Agilent calibrations**  
 For more information, go to: [www.agilent.com/find/removealldoubt](http://www.agilent.com/find/removealldoubt)

Pricing and technical data subject to change without notice.  
 © Agilent Technologies, Inc. 2010, Printed in U.S.A. October 13, 2010  
 5990-6913EN