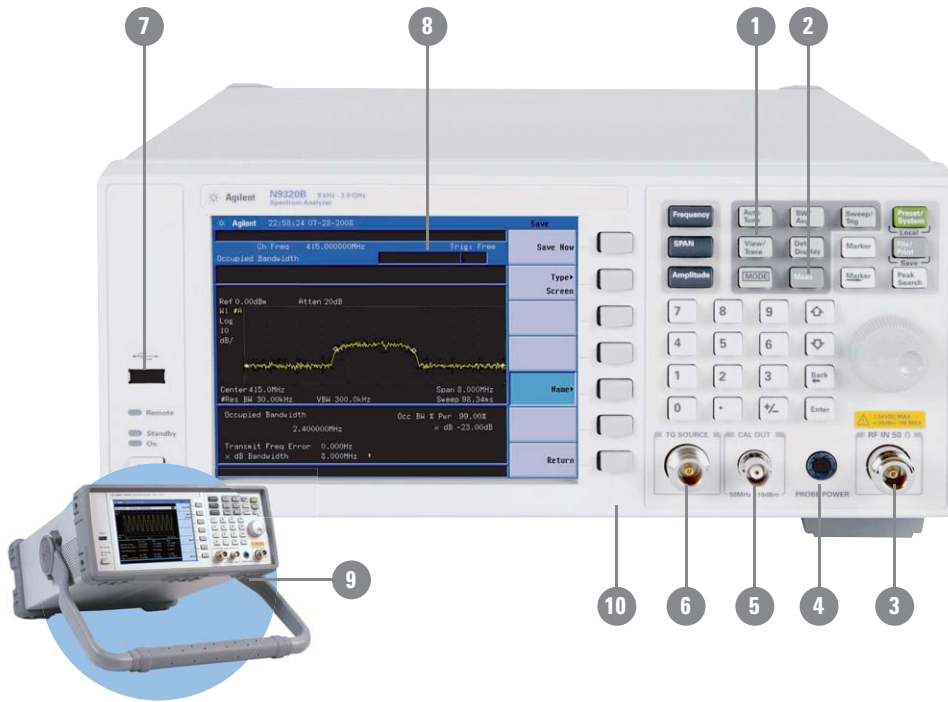
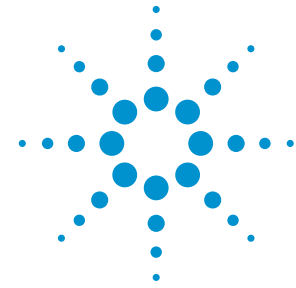


Quick Fact Sheet

Agilent N9320B RF Spectrum Analyzer

Best-in-class performance, practical value



1. Smart auto-tune automatically centers the signal
2. One-button power measurement
3. RF IN (N type, Female)
4. Probe power for high-impedance AC probes
5. CAL Out (BNC type, Female)
6. TG source output (N type, Female)
7. Standard LAN and USB connectivity
8. 6.5" color display with multi-language UI
9. Option 1HB provides additional protection to the instrument
10. Compact design (mm): 132.5 x 320 x 400 (H x W x D)

Agilent N9320B features maximize your productivity, minimize your cost

Fast, accurate power and spectrum measurements

- Overall ± 1.5 dB amplitude accuracy (typical ± 0.5 dB)
- RBW switching uncertainty $< \pm 0.15$ dB
- Supports Agilent U2000 series power sensor

Cost-effective tool for automated test projects

- SCPI remote command set complies with IEEE488.2
- Remote language compatibility with Agilent ESA-L series spectrum analyzer and N9320A
- LAN, USB and GPIB connectivity

Easy of use, with robust functionality

- One-button auto-tune quickly centers and reads out frequency and amplitude of the largest peak
- AM/FM tune and listen
- AM/FM, ASK/FSK demodulation analysis
- EMI filter (-6 dB): 200 Hz, 9 kHz, 120 kHz, 1 MHz
- One-button power suite: channel power, OBW, ACP, SEM, TOI
- 12 markers, plus marker table and peak table
- 11 language user interface
- Supports USB memory stick for saving measurement set-ups and test results



Agilent Technologies

Quick Fact Sheet

Application	Test case	Performance requirements	Agilent N9320B performance
Transmitter test	TX power & frequency	High measurement accuracy Fast measurement speed	Overall accuracy ± 1.5 dB 10 ms non-zero span sweep time
Mixer/filter test	Distortion Dynamic range	High sensitivity Wide dynamic range	-148 dBm DANL w/preamp MDR 3 > 80 dB
Amplifier test	IP3, 1 dB compression	High TOI & 1 dB compression	TOI: +13 dBm 1 dB compression: +0 dBm
Mixer/filter test	Insertion loss, frequency response	Good frequency response and amplitude measurement accuracy	Frequency response: ± 0.8 dB Overall ampl. accuracy: ± 1.5 dB
Interference monitor	Low level signal detecting	High sensitivity	-148 dBm DANL w/preamp
Spurious emission	Spurious emission, radiation	Fast speed, high sensitivity	10 ms non -zero span sweep time -148 dBm DANL w/preamp

Model	Description
N9320B	3 GHz RF spectrum analyzer
Options	Description
N9320B-PA3	3 GHz preamplifier
N9320B-TG3	3 GHz tracking generator
N9320B-G01	GPIB interface
N9320B-AMA	AM/FM demodulation metrics
N9320B-TR1	RF training kit
N9320B-1HB	Handle and bumper
N9320B-1CM	Rack mount kit
N9320	Hard transit case
N9320B-EMF	EMI filter
N9320B-DMA	ASK/FSK demodulation metrics
ABA & AB2	User guide hard copy
Accessories	Description
	Quick start guide
	Documentation CD-ROM
	USB cable (A-B)
	N-BNC adapter
	BNC cable
	Power cord

Recommended service options

www.agilent.com/find/removealldout

R-51B-001-3C Return-to-Agilent warranty – extended to 3 years

R-50C-011-3 Return-to-Agilent calibration – 3 years

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

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5989-9843EN

N9320B finds applications in its target market

Consumer electronics manufacturing and bench repair

Basic tool for R&D

Education teaching lab

EMI pre-compliance test

**Agilent low-cost RF solution for manufacturing.
Built to perform. Priced to compete.**



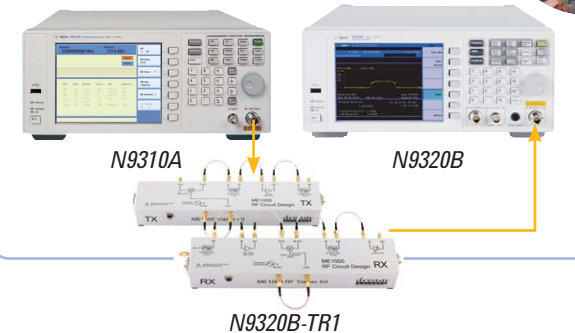
N9310A
RF signal generator



N9320B
RF spectrum analyzer



Agilent RF Teaching Lab Suite
Your preferred solution



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