

# The Agilent N9340B Handheld 3 GHz RF Spectrum Analyzer



**NEW!**

**N9340B RF handheld spectrum analyzer**  
**Bright new display and powerful features**  
**for field applications**

### Superior performance

- Lowest DANL
- Narrowest minimum RBW
- Fast test speed

### Powerful features

- Spectrogram
- Spectral Emissions Mask (SEM)
- AM/FM, ASK/FSK modulation analysis (option)
- USB Power Sensor support

### Exceptional usability

- Bright display 600:1 contrast ratio
- Back-lit keys
- 4-hour battery life
- USB and LAN\*
- 11-language User Interface

1. 6.5" TFT display for indoor and outdoor use
2. 11-language User Interface
3. Speaker
4. Built-in light sensor to adjust brightness automatically
5. Headphone Jack
6. USB memory stick interface
7. SCPI control over USB/LAN\*
8. Back-lit keys for night operating
9. 4-hour battery operating time



\* LAN port will be activated by a free firmware update in June 2008

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Benefits	Features
More powerful features for field applications	<ul style="list-style-type: none"> <li>• Spectrogram for signal stability analysis via three-dimensional display of power, frequency and time</li> <li>• Spectrum emission mask for out-of-channel emission measurement</li> <li>• USB Power Sensor support</li> <li>• Field strength measurement and power flux density measurement</li> <li>• AM/FM, ASK/FSK modulation analysis (optional)</li> <li>• Measurement of occupied bandwidth, channel power and ACPR</li> </ul>
Exceptional usability to enhance field productivity	<ul style="list-style-type: none"> <li>• 6.5" TFT screen with bright display for use indoors and outdoors</li> <li>• Back-lit keys for night use</li> <li>• USB and LAN* for remote control via SCPI and data transfer</li> <li>• 11-language User Interface</li> <li>• Battery with 4 hours operating time</li> <li>• Rugged design for installation and maintenance measurement</li> </ul>
Achieve more complete understanding of spectrum, improve network quality	<ul style="list-style-type: none"> <li>• Best-in-class sensitivity <ul style="list-style-type: none"> <li>-144 dBm DANL @ 1 GHz with preamp ON</li> <li>-124 dBm DANL @ 1 GHz with preamp OFF (RBW=30 Hz, Attenuation=0 dB)</li> </ul> </li> <li>• Lowest-in-class SSB phase noise <ul style="list-style-type: none"> <li>&lt; -87 dBc/Hz, 30 kHz offset</li> <li>&lt; -100 dBc/Hz, 100 kHz offset</li> <li>&lt; -120 dBc/Hz, 1 MHz offset <math>f_c = 1</math> GHz</li> </ul> </li> <li>• Narrowest-in-class RBW <ul style="list-style-type: none"> <li>30 Hz - 1 MHz in 1-3-10 sequence</li> <li>Minimum 30 Hz RBW helps resolve close-in-signals</li> </ul> </li> <li>• Fast sweep speed to capture intermittent signals <ul style="list-style-type: none"> <li>10 ms to 1000s at span &gt; 1 kHz</li> <li>&lt; 120 ms at full span</li> <li>6 <math>\mu</math>s to 200 s at span = 0 Hz</li> </ul> </li> </ul>

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For more information about Agilent N9340B handheld spectrum analyzer and accessories, check out the Agilent N9340B Technical Overview (publication number 5989-7847EN) or [www.agilent.com/find/n9340b](http://www.agilent.com/find/n9340b)

Pricing and technical data subject to change without notice.

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Model	US DDP
N9340B: 3 GHz handheld spectrum analyzer	\$7,982
N9340B-PA3: 3 GHz preamplifier	\$639
N9340B-TG3: 3 GHz tracking generator	\$2,113
N9340B-AMA: AM/FM modulation analysis	\$579
N9340B-DMA: ASK/FSK modulation analysis	\$579
N9340B-BAT: Spare battery pack	\$183
N9340B-BCG: External battery charger	\$193
N9340B-ADP: Spare AC/DC adapter	\$152
N9340B-1DC: 12 V automotive charger	\$41
N9340B-1TC: Hard transit case	\$305

N9340B works with Agilent U2000 Series USB Power Sensors to provide high accuracy power measurements



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