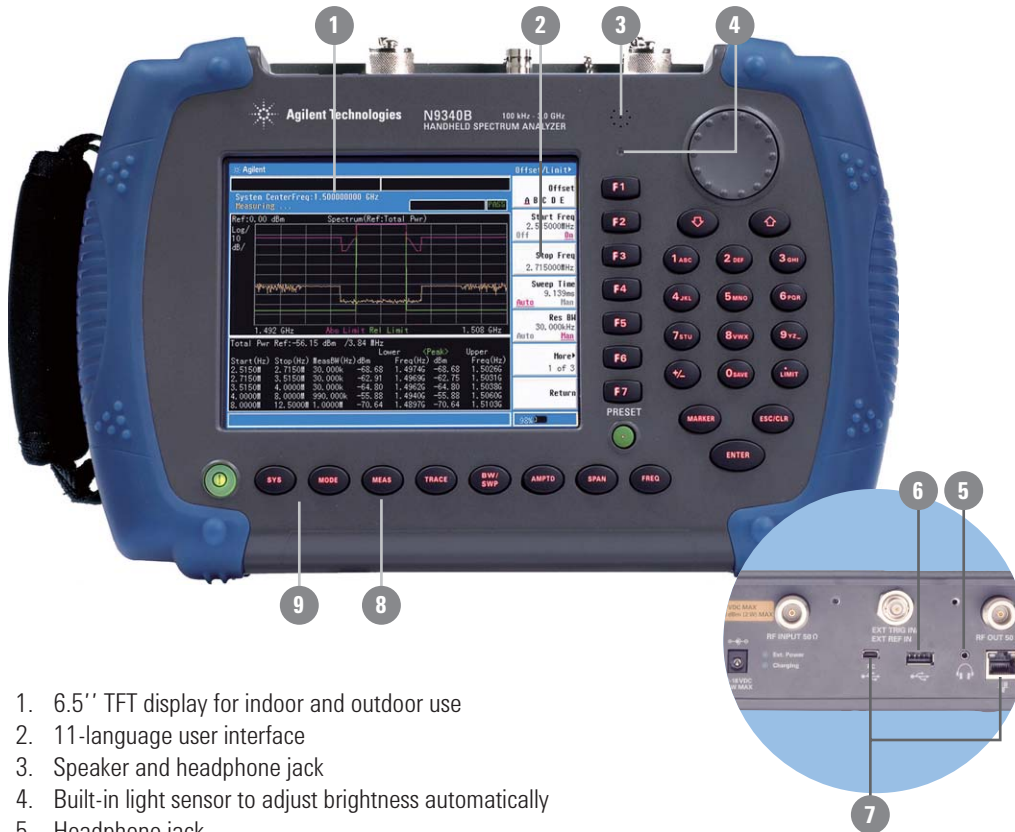
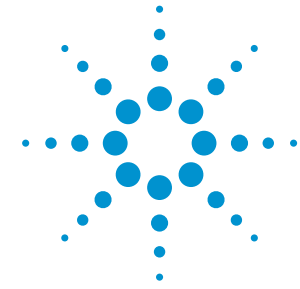


Quick Fact Sheet

Agilent N9340B Handheld 3 GHz RF Spectrum Analyzer

Bright new display and powerful features for field applications



1. 6.5" TFT display for indoor and outdoor use
2. 11-language user interface
3. Speaker and headphone jack
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 operation
9. 4-hour battery operating time

Superior performance

- Lowest DANL
- Narrowest minimum RBW
- Fast test speed

Powerful features

- Spectrogram
- Spectral emissions mask (SEM)
- AM/FM, ASK/FSK modulation analysis (option)
- IBOC digital radio measurement
- DSL interference measurement
- 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



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Quick Fact Sheet

Benefits	Features
Most powerful features for field application	<ul style="list-style-type: none"> Extended spectrogram capability with unlimited data saving, PC monitoring, playback of the spectrogram data, and more (Option INM) IBOC AM/FM measurement with auto-tune function, masks and channel list (Option IBC) DSL measurement to find interference and help enhance service quality (Option XDM) AM/FM, ASK/FSK modulation analysis (Option AMA, DMA) Spectrogram for signal stability analysis via three-dimensional display of power, frequency and time Spectrum emission mask for out-of-channel emission measurement U200X USB power sensor support for high accuracy power measurement
Exceptional usability to enhance field productivity	<ul style="list-style-type: none"> 6.5" TFT screen with bright display for use indoors and outdoors Back-lit keys for night use LAN and USB for remote control via SCPI and data transfer, 11-language UI 4 hours battery operation time Rugged design for field use
Achieve a more complete understanding of your spectrum and improve network quality	<ul style="list-style-type: none"> Best-in-class – sensitivity (DANL Preamp on, 30 Hz RBW, 0 dB attenuation) <ul style="list-style-type: none"> -144 dBm, 1.0 MHz < f_c < 1.5 GHz -136 dBm, 1.5 GHz < f_c < 3 GHz -142 dBm, f_c = 1.9 GHz (typical) Best-in-class – Lowest SSB phase noise: <ul style="list-style-type: none"> < -87 dBc/Hz, 30 kHz offset < -100 dBc/Hz, 100 kHz offset < -120 dBc/Hz, 1 MHz offset f_c = 1 GHz Best-in-class – Narrowest RBW: <ul style="list-style-type: none"> 30 Hz – 1 MHz in the sequence of 1-3-10 Minimum 30 Hz RBW helps resolve close-in signals Best-in-class – Fast sweep speed to capture the intermittent signals <ul style="list-style-type: none"> 10 ms a 1000 s at span > 1 kHz < 120 ms at full span 6 μs to 200 s at span = 0 Hz

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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5989-9840EN

Model
N9340B: 3 GHz handheld spectrum analyzer
N9340B-XDM: DSL interference measurement
N9340B-IBC: AM/FM in-band on-channel IBOC measurement
N9340B-INM: Spectrogram monitoring
N9340B-PA3: 3 GHz preamplifier
N9340B-TG3: 3 GHz tracking generator
N9340B-AMA: AM/FM modulation analysis
N9340B-DMA: ASK/FSK modulation analysis
N9340B-ADP: Spare AC/DC adapter
N9340B-1DC: Automotive 12 V DC adaptor
N9340B-1TC: Hard transit case



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



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