

Handheld Spectrum Analyzer; Makes Infield Measurements Easier, Faster, More Precise

Agilent Technologies Inc. introduces the N9342C handheld spectrum analyzer (HSA), a powerful and straightforward instrument designed for RF technicians and engineers performing installation, maintenance and surveillance of RF systems in the field. The N9342C HSA makes field testing easier by providing faster, more precise measurements, ease of use, and a range of user customization and ergonomic features.

Agilent's N9342C HSA provides fast and accurate measurement of RF and microwave equipment and RF environments from 100 kHz to 7 GHz, tunable to 9 kHz. RF and microwave equipment measurements include transmitter and component test, receiving path signal monitoring and antenna tuning. RF environment measurements include band clearance, signal coverage and interface hunting. The HSA's outstanding RF performance ensures first-time measurement accuracy, while a unique Task Planner capability, which cuts test setup time by 95 percent and allows users to boost their work efficiency, automates routine measurement tasks. Such capabilities make the N9342C HSA ideal for customers in a variety of markets, including aerospace/defense, microwave and satellite communication, wireless communication and broadcasting, spectrum regulation, and general-purpose spectrum analysis.

The N9342C HSA provides a set of standard, one-button measurements including ACP, OBW and channel power, which help characterize signal quality. An optimized keypad design allows access to most measurement functions within just two button pushes. A rugged, fanless design makes it well suited for tough field environments, while a unique optional three-in-one ergonomic backpack ensures comfort and provides true hands-free operation. Moreover, with automatic LCD brightness and keypad backlight control, the instrument's screen can be easily viewed day or night.

For added flexibility, the N9342C HSA can be remotely controlled via a USB/LAN connection and free N9342C HSA PC software. A dedicated user key and customizable frequency channel table, frequency/amplitude correct and limit allow the user to personalize the instrument setup.

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