

KEYSIGHT TECHNOLOGIES (AGILENT HP)

N4010A

The Keysight (Agilent) N4010A is a versatile multi-format wireless connectivity test set designed for evaluating and testing emerging wireless standards in the 2.4 GHz and 5 GHz bands. A faceless instrument controlled via PC, it provides rapid, repeatable measurement results for R&D, integration, verification, and manufacturing environments, with support for Bluetooth, ZigBee, and WLAN (up to 802.11n 4x4 MIMO).

SPECIFICATIONS

General

Display	None (faceless instrument); requires PC-based Virtual Front Panel
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Physical

Power Supply	100 to 240 VAC, 50/60 Hz
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RF Signal Generator Specifications

Operating Frequency Bands	2.4 GHz and 5 GHz bands
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WLAN (802.11) Measurement Capabilities

Supported WLAN Standards	802.11a, 802.11b, 802.11g, 802.11n
MIMO Configuration Support	Up to 4x4 (requires N4011A MIMO/Multi-port Adapter)

Bluetooth Measurement Capabilities

Supported Bluetooth Technologies	Bluetooth
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ZigBee / 802.15.4 Measurement Capabilities

Supported IEEE Standards	ZigBee / IEEE 802.15.4
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Available Options and Configurations

MIMO / Multi-port Adapter Compatibility	Keysight N4011A
Test Automation Software	N4018C / N4019C Bluetooth/WLAN Wireless Test Manager
Bluetooth Graphical Measurement Software	Keysight N4017A

Inputs & Outputs

RF Connector	Type-N (female)
RF Port Impedance	50 Ω
Trigger Input	BNC (female)
Trigger Output	BNC (female)

Options

Option 101	Bluetooth Test Capability
Option 105	Bluetooth EDR (Enhanced Data Rate) Test
Option 107	Bluetooth Audio Test

TECHNOLOGY

WLAN (802.11a/b/g/n), Bluetooth, ZigBee

APPLICATIONS

Wireless connectivity R&D, integration, verification, and manufacturing test

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.