# Keysight E6630A Wireless Connectivity Test Set Modernizing manufacturing test



## Get your latest 802.11ac WLAN devices to market faster

The Keysight Technologies, Inc. E6630A wireless connectivity test set helps you accelerate manufacturing test of devices with wireless connectivity interfaces, including 802.11ac WLAN. With its modern PXI hardware architecture, and fast and accurate measurements, E6630A enables the highest production throughput for today's cutting-edge wireless devices, including access points, laptops, smartphones, tablets, and other 802.11a/b/g/n/ac WLAN, *Bluetooth®*, and Global Navigation Satellite System (GNSS) capable devices. The E6630A's PXI form factor integrates up to two sets of vector signal analyzer and vector signal generator pairs into a single instrument for accurate non-signaling test that you can rely on in pursuit of your high volume manufacturing goals. Using Keysight X-Series measurement applications, the E6630A delivers proven, standards-based measurements, specifically optimized for high-throughput manufacturing test. E6630A's software toolset also includes the Keysight Signal Studio to simplify signal creation and accelerate test development. Keysight's Manufacturing Test Integration (MTI) program enables E6630A to keep pace with the latest wireless connectivity chipsets, and fosters integration into chipset vendors' manufacturing test tools. To further reduce your cost of test, the Keysight E6618A multiport adapter enables efficient multi-DUT test for maximum manufacturing throughput while minimizing the test equipment's footprint.



## Anticipate your wireless connectivity manufacturing test needs

- Benefit from an architecture that is optimized for lower-cost next generation non-signaling test
- Be ready for 802.11ac WLAN MHz production test with 80/160 bandwidth
- Add multi-format, standards-based calibration and verification test support as needed for 802.11a/b/g/n/ ac WLAN, Bluetooth 1.0, 2.1, 3.0, 4.1, and multi-satellite GNSS (GPS, Galileo, GLONASS, etc.)

### Accelerate test development

- Ensure seamless transition from NPI to production with the proven Keysight X-Series analyzer measurements science
- Simplify signal creation to synchronize, control, and test your wireless connectivity devices with Signal Studio software
- Reduce time to volume manufacturing with chipset software to optimize device calibration and verification

### Achieve fast and accurate measurements

- Maximize throughput with modern, fast PXI modular hardware architecture
- \_ Speed up your test plan with single acquisition, multiple measurements
- Increase your production yield with superior measurement accuracy

# E6630A

## Wireless Connectivity Test Set

Frequency range (1.1 to 1.7 GHz, 2.4 to 2.5 GHz, 4.85 to 6.0 GHz) Multiport adapter X-Series measurement applications Signal Studio software Manufacturing Test Integration

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## Multiport adapter enables efficient multi-DUT Test

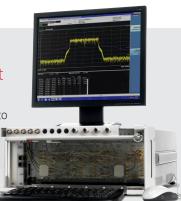
- Make the most effective use of test equipment resources using the Keysight multiport adapter for parallel receiver test and fast sequential transmitter test
- Leverage the unique port density solution that extends the test plane of each source and analyzer pair to 8 RFIO ports and provides the lowest cost of test in the smallest footprint

# Key E6630A Benefits

- Speed-Reduces test time and increases manufacturing throughput with modern PXI hardware, single acquisition/multiple measurements. and multiport adapter
- Multiple wireless connectivity formats-Supports 802.11a/b/g/n/ac WLAN, Bluetooth 1.0, 2.1, 3.0, 4.1, and multi-satellite GNSS (GPS, Galileo, GLONASS, etc.)
- Lower capital investment-Eliminates the need for full signaling hardware and lowers platform acquisition cost with the E6630A architecture that is optimized for lower cost non-signaling test
- Accuracy-Delivers high first-pass yields with accurate and repeatable results and measurement traceability

#### www.keysight.com/find/E6630A

www.keysight.com/find/E6618A



For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus

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