

## T2000 WLS (WireLess test Solution)

*Module for economical testing of leading-edge RF-based chips that drive advanced wireless electronics is available in 16-port and 32-port configurations.*



Testing the increasing volume of RF-based semiconductors used in cell phones and wireless LAN devices, especially those built to meet high-end 802.11ac and LTE-Advanced mobile communication standards, requires a test solution with both high throughput and high cost efficiency. To help chipmakers address large-volume wireless communication markets with minimal investment, ADVANTEST developed two test modules – the 32-port WLS32-A unit and the 16-port WLS16-A unit – that are fully compatible with the widely used T2000 platform.



### Software-enabled for today's devices

To meet the wide-range modulation challenges raised by the latest generation of portable electronics, each of the new modules offers a wide modulation bandwidth of 80 MHz and incorporates vector signal generation (VSG) and vector signal analysis (VSA) software. In addition, waveform generator software and modulation analysis software enable the WLS modules to handle all test requirements for ICs using 802.11ac and LTE-Advanced protocols.

### A customizable solution

The T2000 platform's scalable architecture allows customers to change modules and configure the system however they like to best meet their specific needs. This flexibility enables the tester to handle virtually any type of semiconductor device. With its ability to adjust to both current and future testing requirements, this test solution exceeds the performance and ROI of most other testers, which must be locked into a specific configuration.

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## **Designed to provide a competitive advantage**

Extending ADVANTEST's commitment to provide customers with the semiconductor industry's most versatile test solutions, the WLS unit is designed to give users key productivity advantages in highly competitive communication markets. It is available as a modular enhancement on the proven T2000 series of testers, already in use by integrated device manufacturers, fabless companies and OSATs around the world.

**The model number of WLS32-A is 12GWSGAx02**

**The model number of WLS16-A is 12GWSGAx03**



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