

SUNNYVALE, Calif.--([BUSINESS WIRE](#))-- [LitePoint®](#) a leading provider of wireless test solutions announced today the launch of the LitePoint z8653, a new wideband vector signal analyzer (VSA) for development testing of high bandwidth wireless components used in smartphones and tablets. High bandwidth 802.11ac Wi-Fi is expanding rapidly as smart device users demand the faster performance, high capacity of this new standard. Wave 2 of the standard will expand this performance even further with wider bandwidth channels. Chris Ziomek, General Manager of LitePoint's Design Test Division, said, "This is exciting because the z8653 is the world's first VSA that can test Wave 2 Wi-Fi chipsets and their associated power amplifiers. With Wave 2 components in the R&D pipeline now, the z8653 provides development engineers uncompromised measurement capabilities to test these innovative, complex wireless components, while meeting aggressive development cost and time-to-market goals."

Until now, the only measurement technology for testing high bandwidth devices was expensive bench top instrumentation. "The z8653 is the first PXI-based technology that provides chipset vendors, power amp/front-end module suppliers and other engineering teams involved in the design, verification and testing of these components with unparalleled performance at PXI prices," Ziomek added.

With momentum building for the adoption of Wave 2 features, the performance of existing test equipment is becoming increasingly challenged. The z8653 represents a significant advance in terms of analysis bandwidth and residual measurement floor, making it ideally suited to not only the current technology demands but also future requirements including higher order modulation schemes and carrier aggregation techniques. "This instrument will find application not only in design verification, but also in R&D engineering groups developing the next generation of connectivity and cellular technologies," said Ziomek.

About LitePoint

LitePoint, a wholly-owned subsidiary of Teradyne, Inc. (NYSE:TER), is based in Sunnyvale, California. The company designs, develops and supports advanced wireless test solutions for developers of wireless devices and consumer electronics, contract manufacturers and wireless integrated circuit designers. LitePoint solutions have enabled optimization and verification of the operation of more than two billion wireless devices worldwide. LitePoint products are used in development and high-volume manufacturing,

Written by Australian Business

providing its customers with improved ROI, time-to-market, manufacturing yields, and product quality. For more, go to <http://www.litepoint.com>

[Read more](#)