

## PCTEST Upgrades its LTE-Advanced Pro Testing Capabilities with Rohde & Schwarz

Mobile device customers are demanding faster speeds with a higher quality of experience. New and enhanced technologies are enabling this new wave of high-speed devices.

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COLUMBIA, Md., Sept. 12, 2017 /PRNewswire/ -- PCTEST Engineering Laboratory, Inc. (PCTEST), an ISO-17025 accredited laboratory for wireless testing and certification, has upgraded its RF, Protocol and RRM test platforms for conformance testing of License Assisted Access (LAA), 5CC carrier aggregation and 8X4 MIMO to support new high-speed Gigabit devices entering the market.



Rohde & Schwarz

As the mobile industry moves towards 5G, mobile operators today are looking for new ways to maximize data rates by accessing more spectrum. License Assisted Access, introduced in 3GPP Release 13 as part of LTE Advanced Pro, uses carrier aggregation in the downlink to combine LTE in the licensed band with LTE in unlicensed spectrum. With LAA, the licensed spectrum is used to carry the control and signaling information, while the unlicensed band (e.g., 5GHz) is aggregated together to carry more data, allowing the mobile operator to achieve faster data rates while maintaining a high quality of experience for the end user.

"As the capabilities of mobile devices evolve toward the projected functionality of 5G, testing becomes increasingly complex and at the same time, more important," says Randy Ortanez, President of PCTEST. "At PCTEST, we've continued to advance our testing capabilities and technical expertise to support our customers for this next wave of complex, high-performance RF devices. 5G is right around the corner, and we are pleased to be working closely with Rohde & Schwarz to help us meet the needs of this fast-changing market."

Rohde & Schwarz test solutions can be seen September 12 -14 at Mobile World Congress Americas in San Francisco, CA at Hall North Stand N.1360.

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**About PCTEST**

PCTEST is a leading R&D test laboratory offering one-stop conformance, performance, and regulatory testing of cellular and wi-fi devices in accordance with industry and 3GPP/3GPP2 technical requirements, including RF, Protocol, RRM, and operator-specific test plans. PCTEST is an approved LTE/CDMA Safe-For-Network (SFN) Lab, an IoT and Engineering/Development Lab, an OTA Antenna Performance Lab, as well as an A-GPS test facility for major U.S. operators including FCC, ISED, GCF and PTCRB Certifications. PCTEST test facilities are located in Columbia, MD and San Jose, CA. For more information regarding PCTEST Engineering Laboratory's test services, visit [www.pctest.com](http://www.pctest.com) or email [info@pctest.com](mailto:info@pctest.com).

**Rohde & Schwarz**

The Rohde & Schwarz electronics group offers innovative solutions in all fields of wireless communications as well as in IT security. Founded more than 80 years ago, the independent company has an extensive sales and service network with subsidiaries and representatives in more than 70 countries. On June 30, 2016, Rohde & Schwarz had approximately 10,000 employees. The group achieved a net revenue of approximately EUR 1.92 billion in the 2015/2016 fiscal year (July to June). The company is headquartered in Munich, Germany, and also has strong regional hubs in Asia and the USA.

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