

ZTE demonstrates 1 Gbps LTE at IFA 2017 using Rohde & Schwarz test setup

Rohde & Schwarz and ZTE Co., Ltd., have successfully completed the verification of a 1 Gbps LTE-Advanced (LTE-A) modem including 2CC 4x4 MIMO and 1CC 2x2 MIMO/256QAM downlink carrier aggregation. This combination rates up to 1 Gbps. ZTE Co., Ltd., is exhibiting a corresponding demo setup at IFA Berlin, the world's leading trade show for consumer electronics and home appliances.

Munich, September 5, 2017 — The ZTE Gigabit Phone, powered by the Qualcomm® Snapdragon™ 835 mobile platform with an integrated Snapdragon X16 LTE modem, supports the combination of up to 2CC downlink carriers, on which carriers can be received separately on four transmission layers (4x4 MIMO), and an additional downlink carrier with 2x2 MIMO. The R&S CMW500 wideband radio communication tester from Rohde & Schwarz has verified the proper functionality of the mobile device.

The R&S CMW500 is the ultimate test platform for simulating and verifying the combination of signaling and end-to-end data transmission on the involved carriers, regardless of the 3GPP-defined band configuration to be tested. For testing LTE in unlicensed spectrum configurations, the downlink carriers could even be set up in the 5 GHz unlicensed spectrum. The R&S CMW500 in its R&S CMWflexx configuration is the first test platform that offers a downlink carrier aggregation solution for up to 5CC 4x4 MIMO, for protocol, RF and data performance verifications up to 2 Gbps throughput.

The test setup including the ZTE Gigabit Phone and the R&S CMW500 wideband radio communication tester is on display at IFA Berlin from September 1 to 6, 2017, at the ZTE booth (hall 25 / 105).

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About ZTE Mobile Devices

ZTE Mobile Devices is a division of ZTE Corporation, a global telecommunications equipment, networks and mobile devices company headquartered in Shenzhen, China. ZTE is a publicly traded company listed on the Hong Kong and Shenzhen stock exchanges. ZTE has partnered with 231 major carriers, including the world's top 50 carriers around the globe. ZTE has ranked No.3 for six consecutive years in terms of the number of PCT international patents applied for since 2011.

As one of the world's leading smart devices makers, ZTE has been engaged in the research, development and manufacturing of mobile phones since 1998, with 19 years of history. ZTE is doing business in more than 160 countries and regions globally. For more information, please visit: www.ztedevice.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.

R&S ® is a registered trademark of Rohde & Schwarz GmbH & Co. KG.

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