



Press Release

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Rohde & Schwarz and EMITE announce the first worldwide LTE FDD Carrier Aggregation + MIMO + UMA Over-the-Air (OTA) laboratory tests using commercial devices for a leading US carrier

For immediate release – Rohde & Schwarz and EMITE are proud to announce that the R&S CMW500 Wideband Radio Communication Tester has been successfully used in combination to the EMITE E500 Reverberation Chamber and the Anite Propsim FS8 channel emulator to test LTE FDD CA with 2x2 MIMO and more realistic isotropic Urban-Macro (UMA) fading profiles. The tests were performed for a leading US carrier.

"We are extremely proud to announce the first worldwide MIMO OTA tests for LTE FDD Carrier Aggregation (CA) with 2x2 MIMO on each carrier component and more realistic UMA fading for both carrier components, which brings a blend of cutting-edge savoir-faire to our already-acknowledged MIMO OTA test solutions", said David Sanchez-Hernandez, CEO and co-founder of EMITE. *"Being able to test LTE CA + MIMO + UMA brings OTA testing to a higher level of realism".*

Additional information about Rohde & Schwarz CMW500 Wideband Radio Communication Tester is available at <http://www.rohde-schwarz.com/en/product/cmw500>

EMITE's unique multicavity mode-stirred source-stirred reverberation chamber solutions (MSRC) provide for variety of fading scenarios at a fraction of the cost of alternative anechoic chamber-based test solutions. Along with conventional uniform, isotropic Rayleigh and more complex SCME-based fading profiles for MIMO OTA testing, the EMITE solutions are the only ones also offering other standardized fading profiles using the patented Sample Selection® technique, something unheard of in the wireless arena until now.

About Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, radiomonitoring and radiolocation. Founded more than 80 years ago, this independent company has an extensive sales and service network and is present in more than 70 countries. The electronics group is among the world market leaders in its established business fields. On June 30, 2014, Rohde & Schwarz had approximately 9800 employees. It achieved a net revenue of EUR 1.75 billion in the 2013/2014 fiscal year (July to June). The company is headquartered in Munich, Germany. It also has regional headquarters in Singapore and Columbia, Maryland, USA, to manage its operations in these regions.

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

About EMITE

EMITE is a high-tech company, spin-out of the Technical University of Cartagena (Spain), awarded with the Spanish Emprendedor XXI Award and Certified by Spanish ANCES as Innovative High-Tech Company (EiBT), with headquarters at the Fuente Álamo High Tech Park in the Region of Murcia (Spain). EMITE designs, develops, manufactures and commercializes MIMO Analyzers as mode-stirred source-stirred reverberation chambers for the compliance testing of diverse 3G and 4G standards and pre-standards worldwide, including LTE, WiLabnag, WiMAX and HSPA+, and has distribution offices in the US, Canada, Israel, South Korea, China, Taiwan R.O.C., Singapore and Japan. EMITE's MIMO OTA mode-stirred source-stirred reverberation chamber solutions were selected by 3GPP and CTIA as candidate methodology for standardized LTE MIMO OTA compliance testing.

For more information, register with EMITE at <http://www.emite-ing.com/ing/register.php> or visit www.emite-ing.com

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