

**Anritsu and EMITE announce successful and repeatable 4CC LTE Carrier Aggregation + MIMO + UMA Over-the-Air (OTA) laboratory tests for a leading US carrier using MT8821C**

**Luton United Kingdom, December 2, 2015** - – Anritsu and EMITE are proud to announce that the Anritsu MT8821C Radio Communication Tester has been successfully used in combination to the EMITE E500 Reverberation Chamber and the Anite Prosim channel emulator to test 3CC and 4CC LTE Carrier Aggregation, using 2x2 MIMO for each carrier and more realistic isotropic Urban-Macro (UMA) fading profiles. The tests were performed for a leading US carrier.

"We are very happy to have the latest Anritsu box, MT8821C base station emulator, integrated in our MIMO OTA Carrier Aggregation RC+CE test platform for 3 and 4CC, as this will certainly add value to our customers", said David Sanchez-Hernandez, CEO and co-founder of EMITE. "Our first installations with this outstanding combination were done in early September this year, and they were among the first handful MIMO OTA test platforms to operate with MT8821C worldwide".

The MT8821C Radio Communication Analyzer is designed for R&D of mobile devices/user equipment (UE), such as smartphones, tablets and M2M modules. It builds on the technologies of its popular predecessor, the MT8820C, preferred by UE and chipset vendors worldwide. The new MT8821C supports all technologies, ranging from LTE-Advanced to 3G/2G, with its easy-to-use measurement functions for efficient RF adjustment and testing in one unit.

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.

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## **About Anritsu**

Anritsu Corporation ([www.anritsu.com](http://www.anritsu.com)) has been a provider of innovative communications solutions for more than 110 years. The company's test and measurement solutions include wireless, optical, microwave/RF and digital instruments, operations support systems and solutions that can be used during R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed devices for design into communication products and systems. With the addition of OSS monitoring solutions it has expanded its offering to provide complete solutions for existing and next-generation wireline and wireless communication systems and service providers. Anritsu sells in over 90 countries worldwide with approximately 4,000 employees.

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## **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 Alamo High Tech Park in the Region of Murcia (Spain). EMITE designs, develops, manufacturers 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, WiFi, 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](http://www.emite-ing.com)