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Tel. EMITE: + 34 968 100 181

EMITE Contact: David A. Sanchez-Hernandez
sales@emite-ing.com

Fuente Álamo - Murcia - Spain

EMITE announces the release of fully automated WLAN MIMO OTA Throughput test module for its mode-stirred reverberation chambers

For immediate release –EMITE is proud to announce that the E400 MIMO Analyzer mode-stirred source-stirred reverberation chamber can now measure WLAN MIMO OTA TCP/UDP Throughput in a fully automated manner. The new module is now fully integrated into the EMITE MIMO Graphic User Interface test software, and has been developed in co-operation with NTT DoCoMo.

"There is no need to add any auxiliary equipment to our MIMO Analyzer to test WLAN MIMO OTA throughput in a fully automated manner. This is unheard-of in the MIMO TA test arena. The system has been developed in close co-operation with NTT DoCoMo, which is using it for setting the WLAN MIMO OTA Throughput technical requirements, and has also been supplied to some OEM customers. We believe this is a significant breakthrough and an extremely useful tool for carriers worldwide", said David Sanchez-Hernandez, CEO and co-founder of EMITE.

In an unprecedented set of options, the user can choose to set the WLAN operational mode, legacy rate, HT rate, bandwidth, channel (including AUTO), guard interval, number of transmitting antennas, multicast rate, fragmentation threshold, transmit power control, cell size, DTIM, maximum number of AMPDU frames (802.11n), AMPDU frame size (802.11n) or frequency extension, among others.

EMITE's unique source-stirred mode-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 realistic uniform, isotropic Rayleigh 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 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, manufactures and commercializes MIMO Analyzers as source-stirred mode-stirred reverberation chambers for the compliance testing of diverse 3G and 4G standards and pre-standards worldwide, including LTE-A, LTE, WiLabgn, WiMAX and HSPA+, and has distribution offices in the US, Canada, Israel, South Korea, China, Taiwan R.O.C. and Japan. EMITE's MIMO OTA mode-stirred reverberation chamber solutions were selected by 3GPP and CTIA as candidate methodology for standardized LTE MIMO OTA compliance testing.

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