



Press Release

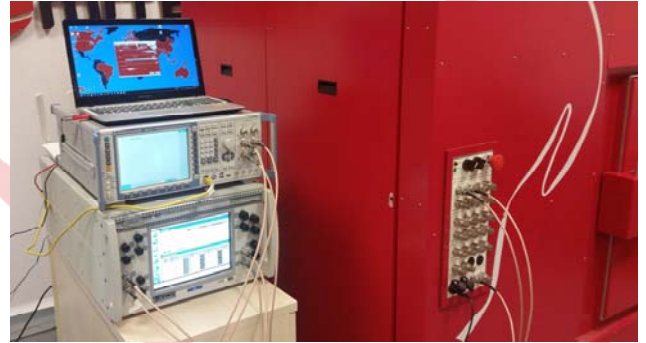
September 12, 2017

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Fuente Álamo de Murcia - Spain

EMITE announces World's First Virtual Drive Testing Over The Air (VDT OTA) made in a Lab for 4G networks

For immediate release – EMITE is proud to announce the very first Virtual Drive Test Over The Air for 4G networks that can be made simply from your desk. Imagine you can re-run an existing drive test log file and get the same results in a repetitive manner so that you could check how some UE changes play a role on performance. Imagine you can re-run the exact same drive test that you did with device A but with a different device. Imagine you can do all that in a lab, from your desk. A real drive test made from your desk, and repetitive. Amazing. Welcome to EMITE VDT OTA test systems.



"VDT OTA is simply revolutionary. One of our carrier customers is using it to reduce the cost of drive tests, and the level of accuracy and repeatability of field-reported values has been informed as astonishing. We really think that a new era for drive testing has started", said David Sanchez-Hernandez, CEO and co-founder of EMITE.

The incredibly rapid upgrade and expansion of wireless networks has prompted an urgent need to perform realistic tests without the need to perform long costly drive testing over the live network. With VDT OTA, for the first time, a real drive test can be rerun in a repetitive manner, from a desk, and can also be re run over different devices. A real, not realistic, comparison of device performance on the field can be performed, and everything can be run in a lab, from a desk. VDT OTA opens a new era. The technique is patent-protected.

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, as well as WiFi MIMO OTA testing.

The VDT-OTA solution incorporates Spirent Communications' world-class channel emulator, which greatly simplifies testing for highly advanced configurations allowing easy scalability of frequencies up to 6GHz and bandwidths up to 100MHz for both Wi-Fi and LTE testing. *"We are proud to once again partner with EMITE and provide a key component of their unique VDT OTA solution,"* said Dave Garrison, senior director of product development for Spirent's Connected Devices business. *"Spirent helped to pioneer MIMO OTA testing and strives to remain on the forefront of over-the-air testing technologies. The new EMITE solution helps fulfil an important need for organizations looking to reduce costs without compromising the integrity of OTA testing techniques."*

About Spirent Communications plc

Spirent Communications plc. (LSE: SPT), a global leader in test and measurement, offers an extensive portfolio of solutions to test data centers, cloud computing and virtualized environments, high speed Ethernet networks and services, wireless networks and devices, network and application security, and positioning technologies. For more information, visit <https://corporate.spirent.com/About-Us>.

About EMITE

EMITE Ingeniería S.L. is a high-tech company, spin-out from the Technical University of Cartagena (Spain). EMITE was awarded with the Spanish Emprendedor XXI Award, CincoDías Innovation National Award and Certified by Spanish ANCES as Innovative High-Tech Company (EiBT). The company is headquartered at the Fuente Álamo High Tech Park in the Region of Murcia (Spain). It designs, develops, manufactures and commercializes MIMO Analyzers as mode-stirred source-stirred reverberation chambers for performance, compliance and pre-compliance testing of any 2G to 4G standards and pre-standards worldwide, including LTE-A and WIFlabnac. The company has distribution offices in the US, Canada, Brazil, Israel, the EU, Scandinavia, South Korea, India, China, Taiwan R.O.C., Singapore, Australia, New Zealand and Japan. EMITE's MIMO OTA mode-stirred source-stirred reverberation chamber solutions were selected by 3GPP and CTIA as candidate methodology for the study and work items through standardization of LTE MIMO OTA test methods.

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