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Fuente Álamo de Murcia, Spain

## EMITE joins PTCRB as 5G OTA Test Vendor

PTCRB has approved at its PVG#86 meeting in Seoul the membership application by the EMITE delegate Kim Joo Byung.

Established in 1997 by leading wireless operators, PTCRB defines the test requirements to verify compliance with global industry standards for wireless cellular devices. Member operators are committed to ensuring device quality through a rigorous certification process. Without PTCRB certification, manufacturers run the risk that their devices will be blocked on wireless networks.



EMITE has also been added to the PTCRB database as test vendor, and a set of 5G OTA RF Test Cases have been submitted for validation.

It is the intention of EMITE to have its H-Series 5G OTA Test Platform testing 5G OTA RF, RRM and Protocol Test Cases within 2019.

As a result, the EMITE H-Series 5G OTA Test Platform is expected to play a key role in PTCRB-certified OTA testing of 5G devices worldwide, bringing new terminals to market quickly, help developing new models and help improving existing models with a fully-automated single platform.

The EMITE H-Series 5G OTA Test Platform adds unheard-of capabilities, such as auto-selecting the correct calibration path for each tested KPI, smooth soft and hard handover mechanisms for the UE to avoid cumbersome disconnections, batch testing with beam-peak position reuse, handling unexpected gNBe delays, smart device attachment and call handling control including error control, SIM profiling, eNBe/gNBe recovery/restart mechanisms and reconnections, automated pass/fail criteria evaluation and result report, automated intermediate results saving, including beam-peak search explored positions, which allows continuing tests after unexpected failures and gNBe crash downs, user-configurable waiting time after attenuation for proper OPC=1 operation, user-selectable beam lock option and Avg.Hold number of test samples per position for beam peak search or the ability to pause/stop and regain manual user control at any time, among others.

*"The membership approval by PTCRB and having EMITE listed as a 5G OTA test vendor at the PTCRB database, in which only a handful of test platforms exist, clearly adds an aura of excellence and confidence to our products and helps out customers achieve their goals under the well-reputed PTCRB certification umbrella",* said Prof. David A. Sanchez-Hernandez, CEO of EMITE.

### About EMITE

EMITE Ingeniería S.L. is a high-tech company, spin-out from the Technical University of Cartagena (Spain). EMITE designs, develops, manufactures and commercializes OTA Test Systems for performance, compliance and pre-compliance testing of any 2G to 5G standards and pre-standards worldwide, including 5G, LTE-A and WIFlabnacax. Headquartered at the Fuente Álamo High Tech Park in the Region of Murcia (Spain) and with distributors in 25 countries, test house show rooms in America, Asia and Europe, and both national and international awards, EMITE OTA Test Systems are being used worldwide by carriers, OEMs, test labs, regulatory authorities and many others around the wireless ecosystem. With a customer-driven roadmap and a vision of changing the way technology gets through our life, EMITE OTA Test Systems are more than just chambers, bringing OTA testing into a new era of capabilities and easiness. EMITE's MIMO OTA Test Systems 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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