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Fuente Álamo de Murcia - Spain

Joint EMITE and Anritsu solution supporting MIMO for OTA measurements on IEEE 802.11be (Wi-Fi 7)

EMITE and Anritsu Corporation announce the enhanced functionality to the Over-the-Air (OTA) measurement solution, allowing measuring to compliance with the latest Wireless LAN standard IEEE 802.11be for 2x2 MIMO.

The IEEE 802.11be standard is set to succeed IEEE 802.11ax (Wi-Fi 6/6E), and it aims to support high-speed communications that significantly surpass the capabilities of its predecessor. This new standard will play a crucial role in enabling cutting-edge applications and services, such as ultra-high-resolution video streaming beyond 4K and advanced AR/VR experiences.

The enhanced OTA measurement solution integrates Anritsu's [Wireless Connectivity Test Set MT8862A](#) with EMITE's range of Anechoic and Reverberation Chambers. This integration allows developers to accurately measure the Total Radiated Power (TRP) and Total Isotropic Sensitivity (TIS) performance of IEEE 802.11be devices in a controlled, repeatable environment.



With their integrated communications protocols and optimized performance, [EMITE chambers](#) and Anritsu's MT8862A deliver reliable characterization of Wi-Fi 7 devices available in today's market.

"We are excited to introduce the integration of EMITE chambers with Anritsu's MT8862A, a collaboration that significantly enhances the efficiency and accuracy of Wi-Fi 7 testing. By combining EMITE's state-of-the-art OTA chambers with Anritsu's cutting-edge measurement technology, we ensure precise, repeatable, and comprehensive validation of next-generation wireless devices. This milestone reaffirms our commitment to technological leadership and delivering industry-leading testing solutions to our clients," said Miguel Á. García-Fernández, Ph.D., Head of R&D at EMITE Ing.

Martin Varga, Engineering & Technology Wireless Team Leader said, "Anritsu, a pioneer in cutting-edge technologies like Wi-Fi 7, is consistently striving to enhance industry standards. Our collaboration with EMITE to support Wi-Fi 7 MIMO measurements for OTA testing is a testament to our efforts to make testing more accurate, efficient, and reliable. We are further committed to continue in innovative and collaborative approach to improve customer satisfaction"

About Anritsu

Anritsu Corporation, a global provider of innovative communications test and measurement solutions for 125 years. Anritsu's philosophy engages customers as true partners to help develop wireless, optical, microwave/RF, and digital solutions for R&D, manufacturing, installation, and maintenance applications, as well as multidimensional service assurance solutions for network monitoring and optimization. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. The company develops advanced solutions for 5G, M2M, IoT, as well as other emerging and legacy wireline and wireless communication markets. With offices throughout the world, Anritsu has approximately 4,000 employees in over 90 countries, visit www.anritsu.com

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, Bluetooth and Wi-Fi (up to 7). 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 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.

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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