



EMITE releases support for Wi-Fi6E MIMO Throughput and SISO TRP/TIS OTA testing

Fuente Álamo de Murcia, Spain – December 22, 2020: EMITE has made another big step forward in WLAN OTA testing solutions by providing full support to the new Wi-Fi6E frequency band for the 802.11ax standard on its E-, I- and F-Series Test Platforms, becoming a worldwide-first to provide fully-automated TCP/UDP/FTP MIMO OTA Throughput testing as well as SISO TRP/TIS OTA testing capabilities for the new Wi-Fi band.

The market is currently eagerly expecting the deployment of Wi-Fi6E, with OEMs announcements of the first Wi-Fi6E-compatible routers, Access Points and devices within 2021. An additional chunk of 1200 MHz in the new 6 GHz frequency band provides over 200% of channel capacity increase, and devices with Wi-Fi6E-compatible radios will benefit from a less crowded spectrum band with enhanced features. The new band is also expected to bring an expansion push for wireless Internet of Things.

The EMITE-unique monitoring of device temperature, battery level, modulation analyses and PHY Throughput in real-time measurements is also available for the new release in Wi-Fi6E.



“We have again brought our test system to the top standard, no other platform worldwide can test these combined MIMO throughput and SISO TRP/TIS performance Over-The-Air for both Access Points and Stations as devices under test. A few of our customers are already using it, which will certainly bring advanced features to their own manufactured devices over competitors. It is becoming normal for EMITE to become a worldwide-first on developments, but we are always equally honoured when that happens”, Said David A. Sánchez-Hernández, 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 Wi-Fi 6E. 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.

About Tucana:

Tucana is a value-added distributor of test, measurement, access and security solutions, for advanced protocol analysis and network management, in IT network and telecommunications networks. Tucana offers indispensable support to operators and telecom OEMs enterprises, during the development phase of new products and services and during installation and management/ maintenance of the network. The enhanced service program comprises consulting, all-in maintenance contracts, hands-on training sessions and helpdesk. The company has offices in Belgium, France, Germany and The Netherlands.

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