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PRESS RELEASE

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MVG and Anritsu collaborate to support IEEE 802.11be (Wi-Fi 7) OTA measurement solution.



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Anritsu Corporation announces a new solution that combines Microwave Vision Group's (MVG) multi-probe OTA (Over The Air) test systems with Anritsu's Wireless Connectivity Test Set MT8862A to support IEEE 802.11be (Wi-Fi 7) OTA measurements.

Wi-Fi 7 is a standard designed to achieve high throughput for use cases such as ultra-high-definition video streaming, multi-user AR/VR/XR, and immersive gaming and entertainment. It is already being integrated into high-end smartphones, AR/VR devices, routers, and is expected to see further adoption in the future.

Advanced technologies such as 320 MHz channels, 4K QAM, and MLO (Multi-Link Operation) are incorporated in Wi-Fi 7. For device vendors, ensuring and guaranteeing the RF performance of their products is a critical challenge. Therefore, the comprehensive evaluation of RF performance, including OTA measurements, is becoming increasingly essential.

This solution leverages Anritsu's MT8862A to generate and analyze Wi-Fi 7 signals within MVG's multi-probe OTA test systems, enabling manufacturers to efficiently perform Wi-Fi 7 RF evaluations through fast

and stable measurement. Using the MT8862A's network mode, RF evaluation can be performed at all data rates of major WLAN standards, including Wi-Fi 7. The setup allows for the measurement of key parameters such as Total Radiated Power (TRP) and Total Isotropic Sensitivity (TIS).

“Integrating the MT8862A with our OTA systems brings the stability and speed needed to evaluate Wi-Fi 7 performance at every stage of development,” said Sun Kim, Product Manager at MVG. “It ensures a streamlined workflow for engineers seeking to validate EHT (Extremely High Throughput) performance.”

Keita Masuhara, Product Manager, IoT Test Solutions Div., Anritsu Corporation, said: "We are pleased to be able to provide high-quality Wi-Fi 7 OTA measurement solutions through our collaboration with MVG. We will continue to collaborate with industry leaders like MVG to provide our customers with a more stable and efficient measurement environment."

Seamlessly integrated within MVG's WaveStudio platform, combining Anritsu's instrumentation, combined with MVG's advanced test chambers, provides a reliable and high-performance testing framework for verifying Wi-Fi 7 device compliance, helping wireless device manufacturers optimize their product development and validation processes.

About Anritsu Corporation:

For more details, visit the following page.

[Wireless Connectivity Test Set \(WLAN Tester\) MT8862A](#)

About MVG (Microwave Vision Group)

The Microwave Vision Group offers cutting-edge technologies for visualizing electromagnetic waves. With advanced test solutions for antenna characterization, radar signature evaluation, and electromagnetic measurements, MVG supports company R&D teams in their drive to innovate and boost product development. MVG operates in 10 countries and generates 90% of its sales from exports. The Group has generated revenues exceeding €100 million.

For more information, please visit: www.mvg-world.com
