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PRESS RELEASE

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## MVG Integrates R&S CMX500 OBT into WaveStudio Software Suite, Simplifying 5G OTA Signaling Test Processes



**MVG (Microwave Vision Group)** is pleased to announce the integration of the **CMX500 One-Box Tester (OBT)** from Rohde & Schwarz into its **WaveStudio** software suite. This integration enables users to directly perform both **5G NR** and **LTE OTA signaling testing** using MVG's antenna measurement systems. By streamlining the test environment, the update simplifies complex testing processes for manufacturers and engineers working on next-generation wireless devices.

The **R&S CMX500 One-Box Tester** supports full stack generation and analysis of **4G, 5G NR, WLAN, and LTE** signals, making it an essential component for wireless device testing. In combination with MVG's multi-probe measurement systems, this allows precise **OTA testing** under real-world conditions. The integration into **WaveStudio** ensures that MVG's systems are now fully equipped to handle **5G NR Standalone (SA) mode, RedCap, and LTE (FDD & TDD) signaling testing**.

The integration supports multiple hardware configurations of the **CMX500 OBT**, including **CMX Lite** and **CMX Pro**, enabling flexible

testing across a wide range of wireless standards such as **5G NR FR1 SA, RedCap, and LTE**. These capabilities provide users with comprehensive frequency band coverage and streamlined testing setups, allowing for faster and more accurate development cycles. This integration removes the complexities of earlier setups and reduces the time required for the preparation and measurements.

“The integration of the CMX500 into WaveStudio allows us to offer our customers a streamlined, more efficient solution to perform OTA (Over-The-Air) tests for both of 4G and 5G mobile devices using MVG multiprobe systems,” said Pierre Jurek, MVG’s Chief Commercial Officer. “In alignment with the Rohde & Schwarz product strategy, MVG has decided to support the different OBT configurations. This move is expected to simplify customer system setups and enhance measurement efficiency. Additionally, we are rapidly expanding our testing capabilities to include WiFi technologies, with WiFi 7 (802.11be) at the forefront, providing manufacturers with immediate, flexible solutions for testing multiple wireless technologies on a single tester”

“We are excited to extend our collaboration with MVG to bring their customers even more efficiency and flexibility as they confidently deploy their devices for the latest technologies,” said Christoph Pointner, Senior Vice President of Mobile Radio Testers at Rohde & Schwarz. “With our tried-and-tested CMX500 one-box signaling tester with its extensive multi-band capabilities they obtain a future-proof solution that simplifies the OTA test setup significantly.”

### **About Rohde & Schwarz:**

*Rohde & Schwarz is striving for a safer and connected world with its Test & Measurement, Technology Systems and Networks & Cybersecurity Divisions. For 90 years, the global technology group has pushed technical boundaries with developments in cutting-edge technologies. The company's leading-edge products and solutions empower industrial, regulatory and government customers to attain technological and digital sovereignty. The privately owned, Munich based company can act independently, long-term and sustainably. Rohde & Schwarz generated net revenue of EUR 2.78 billion in the 2022/2023 fiscal year (July to June). On June 30, 2023, Rohde & Schwarz had around 13,800 employees worldwide.*

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**For more information, please contact:**

<https://www.rohde-schwarz.com/contact>

**About Microwave Vision Group (MVG):**

*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.*

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