

## **Anritsu VectorStar™ Integrates with MilliBox Chamber for Cost-effective High-frequency Antenna Test Solution**

*— Compact VNA-anechoic Chamber Configuration Efficiently Measures Passive Antennas  
Used in 5G, Aerospace, and Automotive Radar Designs —*

**Morgan Hill, CA – January 12, 2021** – Anritsu Company announces a collaborative agreement with [Milliwave Silicon Solutions](#), Inc. whereby the [VectorStar™ vector network analyzers \(VNAs\)](#) are compatible with the MilliBox millimeter-wave (mmWave) anechoic chambers and positioners. With the agreement, the inherent advantages of the VectorStar platform and MilliBox chambers are consolidated for more efficient measurements on high-frequency passive antennas, including phase array.

Dedicated software allows the VectorStar VNA to easily and reliably integrate with the MilliBox mmWave anechoic chamber and positioners. The solution provides a cost-effective benchtop test system for high-frequency mmWave and E-band applications, including 5G, aerospace, and automotive radar. The size and cost benefits of the configuration make it well-suited for applications that can't support large anechoic chambers, including education and R&D.

Due to the VectorStar's best-in-class dynamic range, the integrated solution produces highly stable measurements. Additionally, the compact, high-frequency mmWave modules of the VectorStar further reduce the bench footprint of the system. The VectorStar premium VNA line provides the highest overall performance on a modern platform. It also offers the broadest frequency coverage in a single VNA.

MilliBox mmWave anechoic chambers are cost-effective test tools specially designed for mmWave over-the-air (OTA) measurements. The mini-chambers comfortably fit on a lab benchtop and are built of modular construction, allowing for several configurations to address differing needs with 70 cm to 200 cm far-field measurement positions. The price and size of MilliBox chambers make them optimal for real-life engineering work where daily iterations are needed. Several mmWave positioner versions are available to accommodate different DUT size and weight requirements.

## **About Anritsu**

Anritsu Company is the United States subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for 120 years. Anritsu's "2020 VISION" 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.

To learn more visit [www.anritsu.com](http://www.anritsu.com) and follow Anritsu on [Facebook](#), [LinkedIn](#), [Twitter](#), and [YouTube](#).

## **About Milliwave Silicon Solutions**

Milliwave Silicon Solutions, Inc., based in San Jose, California, was founded in 2016 with the mission to accelerate the adoption of mmWave products across a wide range of markets by improving time-to-market and product quality for our partners in the semiconductor and technology industries. In 2018 Milliwave Silicon Solutions introduced the MilliBox product line to the market as a solution for cost effective testing of mmWave antennas and systems. Since then, more than a hundred systems have been installed around the world in labs of small and large companies, universities, and government agencies pushing the frontier of mmWave designs.

To learn more visit [millibox.org](http://millibox.org) or e-mail [millibox@milliwavess.com](mailto:millibox@milliwavess.com)

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