



MilliBox

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PRESS RELEASE

FOR IMMEDIATE RELEASE

MilliBox™ uses Anritsu ShockLine™ ME7868A Distributed Modular 2-port Vector Network Analyzer to Demonstrate its new GIM05 mmWave Spherical Roll and Polarization Controller Positioner

DENVER CO JUNE 21, 2022 --- MilliBox demonstrates the capabilities of its brand new GIM05 mmWave and THz mmWave spherical roll and polarization controller positioner in its MBX02 benchtop 4ft anechoic chamber using Anritsu's ShockLine™ ME7868A distributed modular 2-port Vector Network Analyzer. This distributed VNA is interesting when the two ports to be measured are distant, which is the case when doing over-the-air antenna measurements in a chamber like MilliBox's.

Jeanmarc Laurent, creator of MilliBox stated:” The distributed ShockLine VNA like the ME7868A is very practical for over-the-air measurement done in MilliBox setups because they are modular in size to accommodate far field distance up to 3m and traditional built 2 port VNA are difficult to wire at those distance. RF coax of this length and at those frequencies are a big challenge, but thank to this distributed configuration the problem is eliminated”

Navneet Kataria, Product Marketing Manager for Anritsu benchtop VNA product line, stated that the “revolutionary ME7868A has 2x single port VNA that are connected by Anritsu patented technology called PhaseLink™ which allows the 2 ports to make vector corrected S parameter measurements over distances greater than 100 meters”. This distributed configuration is controlled from a remote PC which also host the MilliBox Positioner controller such that all the controls for this measurement are at user's fingertip under one screen.

See this demonstration at IMS2022 exhibition, Booth 7101 in Denver, CO

About Anritsu

Anritsu is a provider of innovative communications test and measurement solutions. Anritsu 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 emerging and legacy wireline and wireless technologies used in commercial, private, military/aerospace, government, and other markets.

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About MilliBox

[MilliBox](#) with its product line of mmWave and THz phased array antenna testing systems was created by mmWave IC pioneers Chinh Doan and Jeanmarc Laurent in 2018 and is based in San Jose, California. With over 200 setups installed worldwide, MilliBox established itself as the leader in modular, flexible and affordable benchtop over-the-air mmWave antenna test solutions. MilliBox products are carefully designed and responsibly manufactured in the USA.

For more information millibox@milliwavess.com