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News Release

VectorStar® ME7838A System Frequency Coverage Extended to 750 GHz with 4-port Configuration

*— ME7838A Gives R&D Engineers Ability to Conduct Power Sweeps up to 55dB in
Millimeter-Ranges to 750 GHz —*

Montreal – June 19, 2012 – Anritsu Company (IMS booth #807) introduces a 4-port configuration for its [ME7838A VectorStar](#) that extends the Vector Network Analyzer (VNA) measurement system's capability to 750 GHz and higher. Incorporating a number of design features that result in best-in-class performance, the ME7838A provides R&D engineers designing 4-port or differential millimeter-wave (mm-wave) components with the ability to sweep power across a wide range at frequencies up to 750 GHz using external mm-wave modules without the need for manual attenuators.

The [VectorStar ME7838A](#), the first mm-wave VNA system with real-time power leveling, has best-in-class stability with the widest power level control. The mm-wave system detects IF and RF power and provides correction to the mm-wave power in real time and without the need for software correction feedback. The method delivers stable mmwave power even at low levels and reduces the risk of overdriving power-sensitive mm-wave devices – inherent in other systems. Faster power calibrations are also achieved with the ME7838A VectorStar, compared to competitive mm-wave VNA systems, helping to reduce test time and cost of test.

The 2 Port system configuration includes the [MS4640A VectorStar](#) and 3739A/SM6522 test set, which operates mm-wave modules.

(more)

Industry-leading performance makes the ME7838A VectorStar Millimeter wave VNA system well suited for a number of emerging high-frequency applications. It can accurately test 4-port components, as well as differential devices, such as amplifiers used in e-band communications systems, automotive collision avoidance systems, airport radar, materials measurement, and homeland security imaging systems.

About Anritsu

Anritsu Company is the American subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for more than 110 years. Anritsu provides solutions for existing and next-generation wired and wireless communication systems and operators. Anritsu products include wireless, optical, microwave/RF, and digital instruments as well as operations support systems for R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. With offices throughout the world, Anritsu sells in over 90 countries with approximately 4,000 employees. For more information, visit www.anritsu.com.

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For more information contact:

Katherine Van Diepen
Director, Marketing Communications
Anritsu Company
408.778.2000 ext. 1550
katherine.vandiepen@anritsu.com

Patrick Brightman
Compass|SGW
973.263.5475
pbrightman@sgw.com