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News Release

Anritsu Introduces Industry's Most Comprehensive Trouble-Finding Tool for Analyzing 850 MHz Cellular Band Networks

— Patented Distance-to-PIM™ Technology Helps MW8208A PIM Master™ Accurately Locate PIM at the Base Station or Surrounding Environment —

Morgan Hill, CA – January 17th, 2012 Anritsu Company introduces the MW8208A PIM Master, an innovative test solution that brings the inherent advantages of Anritsu's patented Distance-to-PIM technology to 850 MHz cellular band applications. Unique to Anritsu, Distance-to-PIM helps make the MW8208A a comprehensive trouble-finding tool that allows field technicians and engineers responsible for deploying, installing, and maintaining wireless networks to accurately and quickly locate the source of passive intermodulation (PIM), whether it is in the base station antenna system or in the surrounding environment.

With the MW8208A PIM Master, users can uncover the distance and relative magnitude of all static PIM faults simultaneously, including those resulting from dirty connectors, corroded connectors, over-torqued connectors, and microscopic arcing connectors. PIM Master can also accurately locate PIM outside the antenna system – the only test solution that can do so. Similar to Anritsu's market-changing Distance-to-Fault technology designed into its Site Master™ cable and antenna analyzers, Distance-to-PIM helps eliminate one of the biggest problems facing wireless network deployment and operation.

The MW8208A generates two high-power tones in the transmit band of a base station and can measure the 3rd, 5th, and 7th order intermodulation products in the receive band coming down the same cable. Utilizing the GPS feature on the Anritsu handheld analyzers, users can record the location of the measurement.

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Another advantage of the MW8208A is its 40 W testing, compared to alternative methods that only measure at 20 W. Utilizing 40 Watts simulates real-world power that activates the PIM that might not otherwise be activated by 20 Watt systems. In addition using double the power allows PIM Master to locate intermittent failures due to light corrosion, high-traffic loading, or changing weather conditions.
The MW8208A is designed to integrate with Anritsu's S332E/S362E Site Master™ cable and antenna analyzers, MS2712E/MS2713E and MS272xC Spectrum Master™ handheld spectrum analyzers, MT8212E/MT8213E Cell Master™ handheld analyzers, and the MT8221B/MT8222B BTS Master™ handheld analyzers.

The MW8208A is the newest member to the ever-growing PIM Master family. It also includes the MW8209A for the E-GSM band and the MW8219A for the PCS/AWS bands.

The MW8208A PIM Master has a delivery of 4-6 weeks ARO.

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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