Suite of Solutions for Base Station Testing at NATE 2012

Anritsu Company is showcasing its portfolio of instruments used by engineers and technicians responsible for the deployment, installation, and maintenance of wireless networks at NATE 2012. Among the test solutions on display will be the PIM Master family, which features Anritsu's patented Distance-to-PIM technology, Site Master™ cable and antenna analyzers, Cell Master™ and BTS Master™ handheld analyzers, and MT9090 Network Master for backhaul testing.

Industry-Leading PIM Analysis
Headlining the PIM Master family at the show will be the new MW8208A. It is the only test solution on the market that can measure PIM and Distance-to-PIM at 850 MHz, bringing unprecedented passive intermodulation analysis to the cellular band. Other models in the family are the MW8219A, which covers the 1900 ~ 2100 MHz PCS/AWS bands, and the MW8209A, which is designed for the 900 MHz E-GSM band.

All three PIM Master models are designed with Anritsu's patented Distance-to-PIM technology, which makes them the only comprehensive trouble-finding tools that allow users to accurately and quickly locate the source of PIM, whether it is at the base station antenna system or in the surrounding environment. Similar to Anritsu's market-changing Distance-to-Fault (DTF) technology designed into the Site Master analyzers, Distance-to-PIM helps eliminate one of the biggest problems facing wireless network deployment and operation.

Handheld Test Solutions
Also on display will be Site Master handheld analyzers, which offer broad measurement capabilities, including precision return loss/VSWR, cable loss and DTF. Site Master analyzers help users perform field verification and fault location to detect problems before they become costly, time-consuming system failures. The BTS Master high-performance base station analyzer, and Cell Master compact handheld base station analyzer will also be shown at NATE.

For high-speed backhaul installation and maintenance featuring optical cables, Anritsu will be displaying the MT9090 in two configurations. Small, lightweight and easy-to-use, the MT9090 µOTDR features 5 cm resolution, dead zones of less than 1 meter and a built-in 10 m launch fiber. A Test Automator makes it simple to set up a sequence of tests that require only one key press to initiate – allowing anyone to make error-free measurements.

In addition to the standard configuration, visitors to Anritsu's NATE booth can also see the MT9090 configured with the Gigabit Ethernet Module, making the handheld instrument a comprehensive solution for Gigabit Ethernet testing, and for installation and troubleshooting Ethernet communication lines. The instrument

offers users the ability to easily verify bandwidth and service availability, as well as conduct connectivity testing.

To learn more, visit www.anritsu.com [1].

Posted by Janine E. Mooney, Editor

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[1] http://www.anritsu.com