

News Release

First TD-LTE Measurement Suite for Handheld Analyzers Introduced by Anritsu Company

*— Comprehensive Measurement Capability Allows Users to Test, Verify, and Report on TD-LTE
Base Station Transmitter Quality and Coverage —*

Morgan Hill, CA – January 4th, 2011 – Anritsu Company introduces the first measurement suite for handheld analyzers that measures the RF, modulation, and Over-the-Air (OTA) parameters of TD-LTE eNodeB radio transmitters. Designed for use with Anritsu's industry leading MT822xB BTS Master™ and MS272xC Spectrum Master™ families, the measurement suite provides carriers, network equipment manufacturers, third-party contractors, and installers involved in the deployment of LTE networks with a comprehensive handheld test instrument to test, verify, and report on base station transmitter quality and coverage.

With the TD-LTE RF Measurement option installed, the MT822xB and MS272xC can measure channel spectrum, power vs. time, Adjacent Channel Leakage Ratio (ACLR), and Spectral Emission Mask (SEM). An RF summary can be displayed so users can view all results on the instrument's large display.

Field technicians and engineers can use the TD-LTE Modulation Measurement option to conduct constellation measurements and control channel power tests. The modulation summary displays reference signal power, sync signal power, EVM, frequency error, cell ID, and PBCH power.

Measurements that can be conducted with the TD-LTE OTA Measurement option include cell ID, group ID, sector ID, and synch signal (S-SS) power for the six largest signals. It also displays S-SS dominance. The five strongest signal measurements – reference signal power, sync signal power, EVM, frequency error, and carrier frequency – can also be displayed.

Rugged Handheld Instruments

Providing frequency coverage up to 43 GHz, the MS272xC Spectrum Master series provides the broadest frequency range ever available in a handheld spectrum analyzer. The MS272xC series is also designed with an assortment of applications to test the RF physical layer, making it easier than ever for field technicians, monitoring agencies and engineers to monitor over-the-air signals, locate interferers, and detect hidden transmitters.

(more)

The need to carry heavy benchtop spectrum analyzers into the field to measure signals above 20 GHz, such as those used in microwave backhaul applications, is eliminated with the MS272xC. To further lighten the load, the MS272xC Spectrum Master is integrated with a spectrum analyzer, and can be configured with a channel scanner and interference analyzer to conduct all common field measurements, eliminating the need for multiple instruments.

The BTS Master MT822xB is ideal for senior cell site technicians and RF engineers to accurately and quickly test and verify the installation and commissioning of base stations and cell sites. When it comes to meeting key performance indicators (KPIs) such as dropped calls, call denial, or call blocking rates due to a malfunction at the cell site or interference, BTS Master is the all-in-one instrument that helps users quickly resolve problems.

About Anritsu

Anritsu Company (www.us.anritsu.com) 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.

To learn more visit www.us.anritsu.com.

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