

Anritsu Introduces Optical Test Capability for Handheld Base Station Analyzer

*— BTS Master™ MT8221B Handheld Analyzer Now Offers SONET/SDH Optical Analysis to
Address Fiber Optic in the Backhaul —*

Morgan Hill, CA – May 11, 2010 – Anritsu Company introduces SONET/SDH optical analysis capability for its BTS Master MT8221B high-performance handheld base station analyzer. When the BTS Master MT8221B is equipped with the optical analyzer options, field technicians and engineers can conduct highly accurate transport measurements on SONET OC-3c and SDH STM-1 fiber cables, meeting a growing cell site backhaul testing requirement.

The BTS Master MT8221B is the first handheld base station analyzer with the ability to conduct measurements on 2G/3G/4G signals as well as optical transmissions. Rx measurements on optical power and frequency can be made when the options are installed in the BTS Master MT8221B. For SONET OC-3c applications, the analyzer can measure Far End Block Error (FEBE) and Bit Interleaved Parity (BIP) errors. With the options installed, the BTS Master MT8221B can also conduct BIP error and Remote Error Indication (REI) error measurements in SDH STM-1 environments.

OC-3c and STM-1 errors and alarms can be injected using the BTS Master MT8221B, when it is equipped with the optical analyzers. Users can easily discover a problem with the SONET or SDH carrier under test due to easy-to-read status indicator lights.

A Complete Base Station Testing Solution

The BTS Master MT8221B base station analyzer 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, as well as for on-going maintenance and troubleshooting. The analyzer's platform provides a 20 MHz demodulation capability to support 4G technologies such as LTE and WiMAX. It also features a 30 MHz Zero-Span IF Output for external demodulation of virtually any other wideband signal. In addition, a Vector Signal Generator option is available for comprehensive receiver testing capability with the flexibility to generate two modulated signals plus noise.

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The BTS Master MT8221B is small (315 x 211 x 94 mm), lightweight (4.9 kg), and battery operated, making it easy for technicians to use it anywhere at a cell site. In less than 5 minutes, measurements can be made. The analyzer uses the field-proven design of all Anritsu handheld instruments, which means the BTS Master MT8221B will deliver reliable performance in rugged outdoor environments.

All key field measurements can be made with the BTS Master MT8221B. Technicians and engineers can conduct line sweeps, analyze components and antennas, troubleshoot down to a field replaceable unit (FRU) in the base station, verify the performance of the cell site's backhaul lines, and locate hard-to-find interference problems with the BTS Master MT8221B.

The BTS Master is available in 6 to 8 weeks ARO.

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.

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