

### **Anritsu Introduces First Handheld Analyzer that Measures All Defined LTE Bandwidths and Frequencies**

*– New Options for BTS Master™ and Cell Master™ Extend Anritsu's LTE Test Leadership  
Position and Address Operators' Demands Worldwide –*

**Morgan Hill, CA – February 15<sup>th</sup>, 2010** – Anritsu Company extends its leadership position in LTE test with the introduction of an option that allows its [MT8221B BTS Master](#) handheld base station analyzer to accurately and easily measure all defined LTE bandwidths and frequencies. The first handheld instrument to cover LTE end-to-end, the MT8221B allows field engineers and technicians to conduct RF, modulation, and Over-the-Air (OTA) measurements on signals during the deployment, installation, and operation of LTE networks.

When equipped with the new LTE measurement option, the [MT8221B BTS Master](#) provides RF and modulation quality measurement capabilities for LTE bandwidths from 1.4 MHz all the way through to 20 MHz. No other handheld instrument provides similar LTE coverage and measurement capability.

Anritsu has also developed LTE options for its MT8222A BTS Master and [MT8212E Cell Master](#), to offer operators testing flexibility. The LTE option for the MT8212E allows the handheld instrument to measure RF and modulation at 1.4 MHz, 3 MHz, 5 MHz, and 10 MHz bandwidths, while the option for the MT8222A extends its LTE bandwidth coverage down to 1.4 MHz. An existing option allowed the MT8222A to measure the 10 MHz bandwidth.

Users can validate the over-the-air performance of the complete eNode-B system, as well as troubleshoot problems with an LTE signal when the BTS Master and [Cell Master](#) analyzers are equipped with the OTA option. The OTA option can also be used to verify/validate LTE signal coverage with the instruments' scanner functionality.

(more)

The enhancements were designed to meet operator requirements worldwide and continue Anritsu's commitment to developing test solutions for the design, manufacture, and deployment of LTE devices, systems, and networks. Anritsu is the only company that offers LTE handheld test solutions and has one of the widest test portfolios to ensure the successful rollout of the LTE technology.

### **Designed for Use with Handheld Analyzers**

The [MT8212E](#) is a handheld multi-function base station analyzer that combines all the tools required to deploy, maintain and troubleshoot wireless base stations into a lightweight, battery-operated package. Integrating all this functionality in a single instrument eliminates the need to buy separate equipment for new and legacy networks, which increases efficiencies and simplifies data acquisition.

BTS Master is an integrated multi-functional base station test tool that eliminates the need to carry and learn multiple test sets. In addition to RF, demodulation and OTA measurements, capabilities include spectrum analysis, precision return loss, VSWR, cable loss, distance-to-fault, two-port gain/loss, one- and two-port magnitude and phase, interference analysis, and spectrogram.

### **About Anritsu**

Anritsu Company ([www.us.anritsu.com](http://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 test equipment for legacy and next-generation wired and wireless communication systems. 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.us.anritsu.com](http://www.us.anritsu.com).

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