News Release

Anritsu Adds LTE-Advanced Carrier Aggregation Test Capability To BTS Master™ Handheld Analyzer Series

— Field Engineers and Technicians can Use Field-Proven Base Station Analyzer to Conduct Highly Accurate Over-the-Air Measurements —

Morgan Hill, CA – December 02, 2014 – Anritsu Company introduces functionality for its BTS Master™ MT8220T base station analyzer that allows field engineers and technicians to conduct highly accurate and efficient LTE-Advanced Carrier Aggregation (CA) measurements during network deployment and maintenance. With the new capability, the MT8220T can conduct key LTE-Advanced CA measurements for all active component carriers (CCs) and display them simultaneously on the same screen, allowing users to quickly and accurately verify LTE-Advanced CA field installation.

Many LTE-Advanced CA measurements have been automated for simplicity and efficiency. The BTS Master MT8220T automatically detects cyclic prefix configuration to simplify user setup and prevent measurement errors. An Auto Range feature automatically optimizes the analyzer configuration for each tuned CC to eliminate user intervention and increase measurement throughput. Automatic MIMO detection enables remote over-the-air (OTA) MIMO verification for all CCs, as well as absolute and delta RS power measurements. Additionally, TAE measurements can be made with the BTS Master MT8220T to troubleshoot and correct excessive timing offsets between CCs. Other measurements that can be conducted include SS power, EVM, and detection of Cell ID.

All measurements can be performed OTA with high accuracy, due the BTS Master MT8220T's superior >25 dB scanner dynamic range. Users can also combine all CCs at a test point for a direct connect measurement. Findings are shown and updated on the large screen in an easy-to-read measurement results table.

(more)

Enhancements have also been made to the BTS Master MT8220T spectrum analysis and cable and antenna analysis capabilities. The built-in spectrum analyzer has added support for easyTest so less-experienced technicians can conduct accurate testing, achieve repeatable results, and have less rework. When the analyzer is in cable and antenna analysis Distance-to-Fault (DTF) mode, an added time marker display has been created for more accurate measurements and compensation for cable delays to enhance the precision of geo-location services in VoLTE systems.

The BTS Master MT8220T is Anritsu's third-generation high-performance handheld base station analyzer specifically developed to advance the support of 4G wireless networks, as well as legacy 2G and 3G networks. An all-in-one solution, the BTS Master features 30 analyzers in a single instrument.

About Anritsu Company
Anritsu Company is the American subsidiary of Anritsu Corporation, a global provider of innovative solutions for more than 100 years. With offices throughout the United States, as well as in Canada, Central America, and South America, Anritsu Company provides solutions for existing and next-generation wired and wireless communication systems. Its measurement solutions include optical, microwave/RF, wireless and digital instruments that can be used during R&D, manufacturing, installation, and maintenance. Anritsu Company also provides precision microwave/RF components, optical devices, and high-speed devices for design into communication products and systems.

For more information, please visit www.anritsu.com

###

Anritsu Contact:
Siiri Hage
Director of Marketing Communications
Anritsu Company
siiri.hage@anritsu.com
408.201.1010

Agency Contact:
Patrick Brightman
3E Public Relations
pbrightman@3epr.com
973.263.5475