

Anritsu Introduces Next-Generation Base Station Analyzer Capable of Measuring 4G Standards and Installed 2G/3G Networks

— MT8222B BTS Master™ Combines LTE, WiMAX, HSDPA/W-CDMA, CDMA/EV-DO and GSM/EDGE Measurement Capability in Durable Lightweight Handheld Instrument —

Morgan Hill, CA –January 4th, 2011 – Anritsu Company introduces the MT8222B BTS Master, its next-generation handheld base station analyzer that supports 4G standards now being deployed, as well as installed 2G/3G networks. Combining the inherent advantages of the BTS Master platform with new measurement capability, the MT8222B provides field engineers and technicians with a lightweight, handheld analyzer that can accurately and quickly measure all the key wireless standards, including LTE, WiMAX, WCDMA/HSDPA, CDMA/EV-DO and GSM/EDGE.

A 20 MHz demodulation capability has been designed into the platform of the MT8222B BTS Master, allowing the instrument to measure LTE and WiMAX signals. Additionally, the MT8222B features a 30 MHz Zero-Span IF output for external demodulation of virtually any other wideband signal. For comprehensive receiver testing, a Vector Signal Generator option is available that covers 400 MHz to 6 GHz and can generate two simultaneously modulated signals, plus noise.

Accurate two-port cable and antenna analysis from 400 MHz to 6 GHz can be conducted with the MT8222B BTS Master. All key measurements – including return loss, cable loss, VSWR and distance-to-fault (DTF) – can be made with the compact analyzer. It can also measure gain, isolation, and insertion loss, to verify sector-to-antenna isolation.

The MT8222B BTS Master also has spectrum analysis capability typically found in a benchtop instrument. In spectrum analyzer mode, the instrument has a wide frequency range of 150 kHz to 7.1 GHz, low phase noise of typically -100 dBc/Hz @ 10 kHz offset, low displayed average noise level (DANL) of typically -163 dBm in 1 Hz RBW, and wide dynamic range of >95 dB in 1 Hz RBW.

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A number of options are available to configure the MT8222B BTS Master to suit the specific measurement requirements of any field test application. Among the options are a 140 MHz Zero Span IF output with 30 MHz IF bandwidth, a GPS receiver that works with the analyzer's standard 3.3/5 V Bias Tee that enables connection to BTS site GPS antennas, and frequency output and input with 25 ppb accuracy.

The MT8222B BTS Master features Anritsu's Master Software Tools (MST) and Line Sweep Tools (LST) comprehensive data management and analysis software that save significant time when generating reports. Up to a week's worth of data collected by the MT8222B BTS Master can be consolidated into one file through the MST's Folder Spectrogram's 3-D view. Users have one file to view threshold level, zoom and independent 3-axis rotation control.

Designed specifically for the field, the MT8222B BTS Master measures only 315 x 211 x 94 (mm), weighs 4.9 kg, and is battery operated. It incorporates Anritsu's field-proven design, so the MT8222B BTS Master can withstand the harsh environments in which it is used.

The MT8222B BTS Master has a delivery of 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. With its recent acquisition of NetTest, 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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