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News Release

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Anritsu Company Introduces First Handheld Test Instrument with HSDPA/WCDMA Analysis Capability

*—New Options Allow UMTS Master™ MT8220A to Conduct all 3GPP Specification
Measurements for Successful Deployment and Installation of HSDPA Mobile Networks —*

Morgan Hill, CA (December 14, 2005) – Anritsu Company introduces High Speed Downlink Packet Access (HSDPA) testing capability for its UMTS Master MT8220A analyzer. With the expanded testing capability, the UMTS Master is the first truly portable handheld test instrument that can verify Node B transmitter performance – helping to ensure the successful deployment and installation of HSDPA mobile networks.

Anritsu also announces GSM/GPRS/EDGE options for the UMTS Master that enhance the analyzer's existing testing capability. The UMTS Master combines the functionality of a WCDMA transmitter analyzer and Anritsu's field-proven Spectrum Master™ MS2721A spectrum analyzer into one lightweight, handheld, test tool weighing less than 6.5 lbs. The spectrum analyzer mode frequency range is a continuous 100 kHz to 7.1 GHz. Among its strong performance is best in class Displayed Average Noise Level (DANL) of ≤ 153 dBm (typical) in a 10 Hz resolution bandwidth at 1 GHz.

The UMTS Master, when equipped with the new HSDPA option, can make all the measurements listed in the 3GPP specification for HSDPA base station performance testing. Field technicians and wireless engineers can quickly check base station performance using any of the three options – RF measurement, demodulation, and Over the Air (OTA).

(more)

All key RF measurements, including band spectrum, channel spectrum, spectral emission mask, and ACLR, can now be made on HSDPA signals with the UMTS Master. An RF summary screen allows RF measurements to be quickly and easily viewed on the UMTS Master's 8-inch SVGA color LCD screen. The WCDMA/HSDPA demodulator option allows the UMTS Master to demodulate HSDPA signals and display CDP, code variations over time, and the constellation for the selected code. All standard WCDMA demodulation measurements can also be made. The OTA option displays six scrambling codes in a bar graph format. For each scrambling code, CPICH in dBm, Ec/Io in dB, Ec in dBm, and pilot dominance in dB are shown in tabular format. Additionally, users can see OTA total power in dBm.

Testing HSDPA signals is extremely easy with the UMTS Master. In the Pass/Fail mode, the UMTS Master stores the five test model conditions specified in the 3GPP specification as a reference for base station testing. After selecting the test model, the UMTS Master displays whether the base station has passed/failed the test. Custom lists, including min/max for each parameter, can be created using Anritsu's Master Software Tools and downloaded into the UMTS Master. All results can be displayed in a tabular format with clear identification of pass/fail results, including min/max thresholds.

Extremely flexible, the UMTS Master's frequency range up to 7 GHz allows it to perform measurements on both WCDMA/HSDPA and GSM/GPRS/EDGE signals over all mobile frequency bands. Technicians and RF engineers can connect the UMTS Master to any base station for accurate RF and modulated signal measurements. GSM/GPRS/EDGE RF measurements provide views of single-channel spectrum, multichannel spectrum, power versus time (frame), and power versus time (slot) with mask. The UMTS Master can also demodulate GSM/GPRS/EDGE signals and display the results of detailed measurements for transmitter modulation performance analysis.

Delivery is 8 weeks ARO.

About Anritsu

Anritsu Corporation (www.anritsu.com) has been a global provider of innovative communications solutions for more than 110 years. With offices throughout the world, Anritsu, with its acquisition of NetTest, provides solutions for existing and next-generation wired and wireless communication systems and operators. The company's measurement solutions include wireless, optical, microwave/RF, and digital instruments, operations support systems, and solutions that can be used during R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed devices for design into communication products and systems. The combined companies sell in over 90 countries worldwide and approximately 4,000 employees.

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