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News Release

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UMTS Master Node B Analyzer has New Testing Capabilities to Help Carriers Deploy, Install, and Maintain Wireless Networks

*—New Options Enhance MT8220A's Position as Industry-leading Test Tool for
3G/UMTS Services Providers —*

Las Vegas, NV (May 17, 2006) – Anritsu Company introduces interference analyzer and channel scanner options for its MT8220A UMTS Master that expand the analysis capabilities of the ultra-portable handheld Node B analyzer. Covering the UMTS ranges of 824-894 MHz and 1710-2170 MHz, as well 2300-2700 MHz, the MT8220A functions as a spectrum analyzer with continuous frequency coverage up to 7.1 GHz, with best-in-class DANL (Displayed Average Noise Level) of typically -153 dBm at 1 GHz and built-in smart measurements for easy operation. The new options help make the MT8220A UMTS Master an excellent tool for 3G/UMTS service providers who need a truly portable test instrument for network installation, deployment, and maintenance.

The interference analyzer option, when combined with the UMTS Master's built-in, low-noise preamplifier, gives users the ability to identify and locate interfering signals down to -154 dBm, which have been traditionally difficult to accurately measure. The result is that technicians can better address quality issues that affect user service.

Service providers can realize three other key benefits with the interference analyzer:

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- **Spectrogram display** – This provides a three dimensional display of frequency, power, and time of the spectrum, and gives users a practical method for identifying intermittent interference and tracking signal levels over time.
- **Received signal strength indicator (RSSI)** – With the RSSI, users can monitor amplitude over time at a single frequency for up to seven days.
- **Signal strength meter with audio output** – The meter's audio output varies as the received signal strength varies. When this is used with a directional antenna, users can easily determine the direction of an incoming signal, making it much easier to locate the source of interference.

Further helping technicians analyze today's complex wireless signals is the channel scanner option, which allows users to measure the power of up to 20 different transmitted signals. It is very useful for measuring channel power in AMPS, iDEN, GSM, TDMA, and HSDPA networks. A custom setup menu provides users with the flexibility to scan and view signal power in different downlink standards simultaneously.

The MT8220A can be used in the field to conduct all the necessary W-CDMA/HSDPA/GSM/EDGE RF measurements, including adjacent channel leakage power, occupied bandwidth and a spectral emission mask, for accurate analysis of a base station's output. Demodulation measurements, including EVM and Phase Error, are made to verify the quality of the signal. In addition, a Code Domain Power display for W-CDMA/HSDPA can display all 512 Orthogonal Variable Spreading Factor (OVSF) codes in the W-CDMA/HSDPA signal, relative to total power or pilot power. UMTS Master is handheld and weighs less than 3 kg (6.5 lbs)

Technicians can perform all measurements while remaining in their trucks, if the MT8220A is equipped with the Over the Air (OTA) option. Additionally, to help ensure health and safety, Anritsu has designed the MT8220A to support the European ECC (02) 04 recommendation for measuring non-ionizing electromagnetic radiation that provides a new concept in EMI testing.

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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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