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News Release

Client Contact:

Katherine Van Diepen
Director, Marketing Communications
Anritsu Company
408.778.2000 ext. 1550
katherine.vandiepen@anritsu.com

Agency Contact:

Patrick Brightman
SGW
973.263.5475
pbrightman@sgw.com

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Anritsu Introduces Options for Spectrum Master™ that Expand Analysis Capability of Handheld Spectrum Analyzer

*—MS2721A's Expanded Analysis Tools Now Include Interference Analyzer and Channel
Scanner to Help Wireless Professionals Improve Network Performance —*

Las Vegas, NV (May 17, 2006) – Anritsu Company introduces options for its MS2721A Spectrum Master handheld spectrum analyzer that have been developed to provide users with the detailed spectrum analysis capabilities they need to properly analyze complex signal environments. The new options are interference analysis, which provides three significant capabilities, and a channel scanner that lets the MS2721A display the frequency and power for up to 20 channels simultaneously.

High-quality signal transmission and receipt are ensured by the interference analysis option. Users can view a spectrogram of the desired portion of the spectrum to see changes in the spectrum over time. It also features a received signal strength indicator (RSSI) that displays the amplitude over time at a single frequency. A signal strength meter with audio output is also included in the interference analysis option. The frequency of the 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.

(more)

The channel scanner allows many signals to be seen simultaneously. Users can select an air interference standard to apply to all displayed channels. In addition, the user can choose to customize each channel to display completely different signal types. This allows users to simultaneously measure as many as 20 channels, such as a TV channel's video signal, TV channel's audio carrier, CDMA US PCS channel 50, AMPS channel 1000 channel 5, police repeaters, and ham repeaters. If measurements need to be made in a dense RF environment with many emitters, users can save several setups with different selections for each of the 20 channels to cover all potential emitters of interest.

These new options are combined with the MS2721A Spectrum Master's industry-leading performance to deliver unprecedented analysis capability. The MS2721A has low phase noise of -100 dBc/Hz @ 10 kHz offsets, best-in-class typical DANL of -153 dBm at 1 GHz, resolution bandwidth (RBW) range of 10 Hz to 3 MHz, and video bandwidth (VBW) range of 1 Hz to 3 MHz. It also has the fastest sweep speeds of any spectrum analyzer in its class.

Several smart measurements, including channel power, adjacent channel power ratio, Carrier to Interference ratio (C/I), and field strength, are built into the MS2721A. In addition, an AM/FM/SSB demodulator is included. Demodulated signals can be monitored using the MS2721A's internal speaker or a universal 2.5 mm 3-wire headset, such as those used with many cellular telephones.

Designed for applications up to 7.1 GHz, the MS2721A Spectrum Master weighs less than 7 pounds. It is equally at home on the engineering bench and in the field.

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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