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News Release

Anritsu Company Introduces Internal Atomic Clock for Spectrum Master™

— New Option for MS2720T Provides Excellent Frequency Accuracy Without Need for GPS in Regulatory Compliance Applications —

Morgan Hill, CA – February 24, 2014 – Anritsu Company introduces an internal atomic clock option for its MS2720T Spectrum Master handheld spectrum analyzer that allows users to acquire excellent frequency accuracy, including in environments in which the GPS cannot be used. Integrating the atomic clock inside the MS2720T provides field engineers and technicians with a durable, handheld spectrum analyzer that can deliver the extremely high accuracy necessary to prove regulatory compliance.

By using the atomic clock, users can acquire a very accurate frequency reference without the need of the GPS. Calibration accuracy of the atomic clock is 1×10^{-9} . The MS2720T can be configured with the GPS receiver and the atomic clock to achieve both high frequency accuracy and GPS location stamping of measurements.

Because the atomic clock module mounts inside the instrument, there are no loose cables that can potentially snag on branches, antennas or other extensions prevalent in the field environments in which the MS2720T is used. The atomic clock is automatically used once it is installed.

The Spectrum Master™ MS2720T series features the highest performance handheld spectrum analyzers on the market. Providing field technicians and engineers with performance that rivals a benchtop spectrum analyzer, the MS2720T features a touchscreen and best-in-class performance for dynamic range, DANL, phase noise, and sweep speed, providing unprecedented levels of spectrum monitoring, hidden signal detection, RF/microwave measurements, and testing of microwave backhauls and cellular signals.

(more)

Continuous frequency coverage from 9 kHz to 20 GHz is provided by the MS2720T with the option 1 internal atomic clock. An improved sweep mode allows users to set resolution bandwidth from 30 kHz to 10 MHz with minimal effect on sweep speed. Because the sweep speed with a 30 kHz bandwidth is nearly the same as a 10 MHz RBW, sensitivity can be selected without the need for long sweep times.

The MS2720T has dynamic range of > 106 dB in 1 Hz RBW, DANL of -163 dBm in 1 Hz RBW, and Phase Noise of -112 dBm @ 10 kHz offset at 1 GHz. These best-in-class specifications are complemented by unprecedented measurement capabilities. A burst detect sweep mode function allows emitters as short as 200 μ s to be captured every time, allowing the MS2720T to detect bursty signals that can lead to finding intermittent or bursty emitters. A Burst Detect™ Sweep Mode increases sweep speed more than 1,000 times in a 15 MHz span.

The internal atomic clock has a delivery of 6 to 8 weeks.

About Anritsu

Anritsu Company (www.anritsu.com) is the United States subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for more than 110 years. 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.

To learn more visit www.anritsu.com.

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