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## News Release

### **Anritsu to Display Range of Handheld Test Solutions for P25/LTE Public Safety Networks at IWCE**

*— Combining Accuracy, Simplicity and Portability, Handheld Instruments from Anritsu can be used to Deploy, Install, and Maintain Next-Generation Public Safety Networks —*

**Las Vegas, NV – March 9, 2011** – Anritsu Company (booth #7002), a market leader in handheld test solutions, will be displaying its line of handheld base station analyzers, spectrum analyzers, and OTDRs that can be used in the deployment, installation, and maintenance of P25/LTE public safety networks at IWCE. Combining high accuracy, ease of use, and durable lightweight designs, the instruments provide public safety professionals responsible for communications networks with the test solutions they need to maintain optimum network performance.

“Next-generation public safety communications demand testing for 700 MHz LTE broadband and P25 narrowband networks. At IWCE, we will be exhibiting handheld test instruments that can be used during the deployment, installation, and maintenance of these networks – from the antenna system, to the base station, through to the backhaul and everything in between,” said Donn Mulder, VP/General Manager of Anritsu’s Microwave Measurement Division.

At the forefront is the S412E LMR Master™, which is designed for Public Safety system technicians and engineers who test the RF performance of P25, NXDN and LTE public safety radio systems in the VHF/UHF, 400 MHz, 700 MHz, and 800 MHz bands. It has excellent DANL of -152 dBm, which makes the S412E well suited for locating low-level signals that can interfere with such systems. The S412E comes standard with an industry leading low phase noise of < -110 dBc/Hz typical @ 10 kHz offset, for precise measurement of NBFM, P25, and NXDN emission masks.

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Weighing less than 8 lbs., the MS2726C Spectrum Master™ is the first handheld spectrum analyzer with frequency coverage up to 43 GHz. It has a fast sweep time of 27 seconds for a 43 GHz span with a 30 kHz RBW. Accuracy is not sacrificed for speed, however, as the MS2726C delivers excellent phase noise of -100 dBc/Hz at 10 kHz offset at 1 GHz and dynamic range of 101 dB. Designed with a broadband preamplifier, the handheld spectrum analyzer has high sensitivity of -159 dBm at 1 GHz and -145 dBm at 43 GHz to detect small signals.

Another member of the Spectrum Master family – the MS2713E – will also be at IWCE, as will two Site Master™ cable and antenna analyzers – the S362E and S820D.

### **Optical Fiber Backhaul Testing**

To measure optical fiber that is becoming more prevalent for backhaul and in the infrastructure of base stations to accommodate high-bandwidth next-generation technologies, Anritsu offers the MT9090A Network Master™ and MT9083 Access Master™. With performance that rivals traditional OTDRs that are four times its size and more than twice its price, the MT909014A Network Master™  $\mu$ OTDR provides the high performance, ease of use, and portability required for the installation and maintenance of optical fibers. Also available is the MT909060A equipped with a Gigabit Ethernet module that allows the palm-sized instrument to be used as a comprehensive solution for Gigabit Ethernet testing, and for installing and troubleshooting Ethernet communication lines. The MT9083C Access Master™ has one-button fault location, pass/fail classification, automated file saving and naming, and a macrobend detection feature to identify installation issues.

Anritsu will also be unveiling its Toughest Site Competition at IWCE 2011. Recognizing the challenges associated with installing and maintaining wireless networks, the Toughest Site Competition will present a Harley-Davidson motorcycle to the Anritsu customer with the “toughest site.” Twelve finalists will earn a HD Flip camera, and every entrant will receive a contest T-shirt. All IWCE attendees who visit Anritsu’s booth will also be eligible to win an iPad.

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**About Anritsu**

Anritsu Company is the American 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](http://www.anritsu.com).

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