

Anritsu Company Expands Capability of Industry-Leading CPRI RF Handheld Analyzers to Meet Market Needs

–Multi Trace AxC, Dual Display, Line 8 and 20 MHz Compression Support Allow for More Efficient Testing of CPRI RF Links with Greater Confidence–

Morgan Hill, CA – February 28, 2017 – Anritsu Company has expanded its industry-leading CPRI RF field handheld analyzer portfolio to address the emerging requirements associated with testing high-speed LTE base stations. Among the enhancements are the ability to display four unique AxC traces, as well as support for CPRI Line Rate 8 and 20 MHz compression. Available on select Anritsu Site Master™, BTS Master™, Spectrum Master™, and Cell Master™ instruments, the new capabilities provide wireless carrier technicians, engineers and wireless contractors with the necessary tools to install and verify CPRI-based radios using optical fiber, SFPs, and RRHs, as well as to solve problems during installation and maintenance.

The Multi Trace AxC capability allows for the Anritsu analyzers to show four AxC traces in a single or dual display configuration – a first for a handheld CPRI RF test analyzer. The combination of Multi Trace AxC and dual display permits simultaneous viewing of different MIMO signals, which also allows for RF diversity testing between MIMO radios on a live signal. BTS Master models with two SFP ports can display AxC traces from two fiber connections and present a different bandwidth signal and Line Rate per display, so spectrum and spectrogram measurements can be made on co-located radios at different frequencies.

Support for Line Rate 8, which addresses signals up to 10.1376 Gbps, as well as for 20 MHz compression implemented by newer BBUs is also provided with the enhancements. The compression capability allows for resampling of 20 MHz bandwidth IQ data signals from 30.72 Msps to 23.04 Msps for a 25% reduction. It will display the compressed signal properly, eliminating the chance of user error. All of the new features clearly demonstrate Anritsu’s commitment to provide customers with the tools necessary to efficiently and accurately verify high-speed wireless networks.

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The enhancements are for the BTS Master [MT8220T](#), [MT8221B](#), [MT8222B](#), and the “E” series of the Site Master, Spectrum Master, and Cell Master handheld analyzers. Anritsu field instruments offer network operators and contractors the solutions they need to install, maintain, and optimize 4G networks. Anritsu products and cloud-based services are focused on maximizing productivity to control operating costs. They can be used to ensure wireless networks meet key performance indicators (KPIs), thereby maximizing network operation and reducing customer churn.

About Anritsu

Anritsu Company is the United States subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for 120 years. Anritsu’s “2020 VISION” philosophy engages customers as true partners to help develop wireless, optical, microwave/RF, and digital solutions for R&D, manufacturing, installation, and maintenance applications, as well as multidimensional service assurance solutions for network monitoring and optimization. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. The company develops advanced solutions for 5G, M2M, IoT, as well as other emerging and legacy wireline and wireless communication markets. With offices throughout the world, Anritsu has approximately 4,000 employees in over 90 countries.

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