

Anritsu Company Introduces BBU Emulation Capability for LTE RRHs, Expands Industry Leading CPRI Test Portfolio

*–BTS Master™ Integrates All Necessary Test Tools to Speed Network Rollouts and Lower OpEx
Costs Associated with Cell Sites–*

Morgan Hill, CA –October 4, 2016 – Anritsu Company expands its industry leading CPRI test portfolio with the introduction of a BBU Emulation capability for its BTS Master™ MT8220T that saves significant time and cost when verifying LTE cell site operation. Addressing a market need for a comprehensive and accurate field test solution, the BTS Master MT8220T with BBU Emulation provides wireless technicians, engineers and contractors with all the necessary tools to validate that a RRH is installed properly and functional, before the Base Band Unit (BBU) is commissioned. This unique combination of measurement tools expedites 4G network rollouts and reduces OpEx (Operational Expense) costs associated with new sites.

With the BBU Emulation option, the BTS Master MT8220T is a complete solution for building out, testing and troubleshooting new and installed cell sites. It can be used by wireless professionals to install and verify optical fiber, SFP, RRH, and power before the BBU is officially commissioned and the site goes live.

The BTS Master MT8220T with the BBU Emulation option installed can test the SFP connections to validate wavelength and line rate. BBU Emulation also allows the SFPs in the analyzer and RRH to communicate to verify that the optical fiber and SFP in the RRH are operational and have a good CPRI link. Other necessary analysis, such as transmit tests, VSWR and Return Loss measurements, Pass/Fail limit values, spectrum measurements and Spectrogram measurement can be conducted with the solution.

BBU Emulation allows engineers and technicians to troubleshoot problems independent from the core network. The RRH can be separated from the other network elements to determine if it is at fault or problems are originating from a different source. By providing the ability to verify that all new cell sites are installed correctly and can be turned on easily when the BBU is commissioned, the BBU Emulation capability allows crews to verify and fix any issues while they still have the construction equipment on site, saving time and money.

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The new BBU Emulation option requires the BTS Master MT8220T to be equipped with the CPRI LTE RF Measurements option, which allows field engineers and technicians to conduct accurate RF measurements on RRHs while remaining at ground level. The BTS Master has been specifically developed for 4G networks as well as installed 2G, 3G and WiMAX networks. It provides 20 MHz bandwidth modulation quality for LTE eNodeB testing and has a high-contrast, touch screen display and backlit key panel for ease of use in both bright sunlight and dim conditions.

Anritsu offers the industry's widest range of CPRI RF test solutions. By offering such a large portfolio, Anritsu provides comprehensive test solutions that meet the measurement needs of field engineers and technicians, regardless of their role and responsibilities.

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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Anritsu Contact:

Siiri Hage
Director of Marketing Communications
siiri.hage@anritsu.com
408.201.1010

Agency Contact:

Patrick Brightman
3E Public Relations
pbrightman@3epr.com
973.263.5475