

### **Anritsu Company Introduces OBSAI RF Analysis Capability for Handheld Analyzers to Create Comprehensive Base Station Test Solution**

*–New Software Allows Interference Sources to be Identified on the Ground to Lower OpEx and Ensure Operation of 4G Networks–*

**Morgan Hill, CA – June 6, 2017** – Anritsu Company continues to address the emerging test requirements associated with 4G base stations with the introduction of OBSAI RF Analyzer software that expands the measurement capability of its industry-leading handheld analyzers. With the software installed in the handheld analyzers, wireless carrier engineers, technicians, and contractors responsible for solving interference and PIM issues can identify interference sources on the radio uplink from the ground, thereby lowering OpEx (Operational Expense) by reducing the use of tower climbing crews.

As part of its commitment to provide the most comprehensive field test solutions, Anritsu also announces an update to its CPRI RF Analyzer software for its handheld solutions. The firmware update and introduction of the OBSAI RF Analyzer option solidify Anritsu's position as the provider of the widest range and highest performing OBSAI and CPRI instrument portfolio on the market.

The new OBSAI Analyzer allows users to conduct RF-based measurements over a fiber optic link to locate interference affecting an RF module (RFM) by tapping into the fiber link between the RFM and baseband module (BBM). The Anritsu handheld instruments will decode the OBSAI protocol IQ data and convert it to RF data. The solution supports all OBSAI Link Rates, including Line Rate 8x (6.144 Gbps). With the software installed, the analyzers support 5, 10, 15, and 20 MHz RP3 bandwidths.

Among the OBSAI measurements available with the new option is a spectrum mode that can be used to test the OBSAI link in real time. Additionally, field technicians and engineers can monitor for intermittent interference over a specifiable recording time using the Spectrogram mode. All OBSAI Analyzer measurement functions can be performed from ground level. After testing and reviewing the results, a determination can be made on the need for a tower crew.

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The OBSAI option has features that make it easier for field technicians and engineers to more efficiently test base stations. A Multi Trace Display allows up to four RP3 addresses associated with each of the four potential carrier traces to be shown simultaneously. A Dual Display – Spectrum Ability shows multiple RP3 addresses in two displays, which is beneficial when conducting diversity testing and system RF loading. To display multiple RP3 addresses in two displays, users can select the Dual Display - Spectrogram. Users can select one active RP3 per display for waterfall measurements with this display.

The new OBSAI Analyzer can be integrated into the BTS Master™ MT8220T, MT8221B, and MT8222B models, Site Master™ S3xxE analyzers, Spectrum Master™ MS2712E and MS2713E handheld spectrum analyzers, and Cell Master™ MT821xE instruments. The analyzer portfolio can also be integrated with the CPRI RF Analyzer software. With the new firmware, the CPRI RF Analyzer option supports Samsung Remote Radio Heads (RRHs), as well as the most recent radios from Ericsson, Nokia/ALu, and Huawei.

### **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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