

Anritsu Simplifies Tower Optical Link Verification with Video Inspection Probe for Site Master™ Handheld Analyzers

— *VIP Mode for S820E and S331L Site Master Models Allows Field Engineers, Technicians to Quickly, Accurately Verify Optical Fiber Connectors in RRHs and Microwave Backhaul* —

Morgan Hill, CA – November 18, 2015 – Anritsu Company continues to provide the most comprehensive test solutions for the installation and maintenance of legacy and emerging wireless networks with the introduction of a Video Inspection Probe (VIP) measurement mode for its Microwave Site Master™ S820E and Site Master™ S331L cable and antenna analyzers. The new VIP mode, a no-cost feature included with firmware revision V1.17 or higher, specifically addresses the ever-growing requirement to inspect optical fiber cables used to carry traffic data and signaling up/down to/from the radio hardware in modern wireless communication systems.

Dirty optical fiber connectors typically account for at least 75% of failures found in the field. Today it is becoming mandatory for installers and maintenance crews to provide reports validating the fiber connector condition with pass/fail data and images as part of the close-out package.

Using VIP mode with an Anritsu-supported Visual Inspection Probe, field engineers and technicians are now able to perform visual inspections on fiber optic connectors and automatically conduct pass/fail testing according to the IEC 61300-3-35 standard. This newly added capability combined with the existing standard measurements of the Site Master S820E or S331L allow users to complete the coaxial and optical testing needed to validate site installation with a single instrument. In addition to measuring optical links typically found in RRH/BBU configurations, VIP mode can also be used to verify fiber connections commonly found in modern microwave backhaul radio systems.

Designed to make measuring optical links simple, VIP mode captures connector images digitally and shows them on the Site Master analyzer's large display. Images can also be saved as a variety of common graphics files for later review or documentation of connector quality. Users can generate pdf reports on the fiber optic connector inspection directly from the instrument to include in the close-out package, or they may simply export the image files and embed those into their close-out report. VIP mode measurement files created with the Site Master S820E or S331L are fully compatible with Anritsu's full portfolio of wireline optical testing products that offer similar functionality such as the MT1000A Network Master™ Pro.

VIP mode augments the cable and antenna analysis capability of the S820E and S331L analyzers. The Microwave Site Master S820E family has frequency coverage of 1 MHz to 8/14/ 20/30/40 GHz. The S820E delivers benchtop microwave performance in a compact handheld package. With 110 dB of dynamic range up to 40 GHz, the S820E has best-in-class performance. The Site Master S331L is an all-inclusive 1-port cable and antenna analyzer covering the 2 MHz to 4 GHz range, with an InstaCal™ module and power meter built in. Optimized for field conditions, the S331L is a rugged, handheld cable and antenna analyzer that is easy to use and has efficient sweep management capabilities.

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 instruments, as well as operation support systems for R&D, manufacturing, installation, and maintenance applications. 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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