

Anritsu Company Introduces Industry's Most Lightweight, Portable, and Flexible Two-port PIM Testing Solution

— New LTE 700 PIM Master™ Analyzer Combines Ease-of-use and Functionality to Address Test Needs of FirstNet Band 14 and Band 17 on Co-located Sites —

Morgan Hill, CA – February 19, 2020 – Anritsu Company introduces the [PIM Master™ MW82119B-0703](#) 2-port 700 MHz PIM analyzer, a dual-function solution that can conduct two-port RF PIM measurements where the two CW tones are transmitted separately from two different Tx ports, as well as traditional one-port RF PIM measurements. With the MW82119B-0703, RF field engineers and technicians, and third-party contractors can conduct highly accurate PIM measurements and conduct troubleshooting in the FirstNet Band 14 and Band 17 spectrum for co-located sites.

By offering separate RF outputs for each of the two CW tones, the two-port PIM Master is fully compliant with the Method of Procedure (MoP) used by field engineers testing the FirstNet network. The PIM Master MW82119B-0703 has two Tx ports that allow for one CW signal to transmit from a Band 14 antenna and another CW signal to transmit from a Band 17 antenna. This configuration simulates real world conditions and makes troubleshooting PIM more accurate.

The PIM Master MW82119-0703 can also function as a traditional one-port PIM test set for verifying PIM in cable and antenna systems. To convert between a two-port and a single port PIM measurement solution, the user simply connects or removes the supplied jumper cable between the two ports.

Cost-of-test in the field is lowered because the PIM Master MW82119-0703 can more efficiently troubleshoot Rx noise floor creating PIM issues that affect KPIs. Test time is reduced because multiple antennas can be compared on a single display, which subsequently shortens time spent on rooftops finding customer-impacting PIM issues.

The PIM Master MW82119-0703 has the same compact, lightweight, portable field-proven form factor with the same battery life and easy-to-use GUI as existing PIM Master instruments. It is a 40 Watt, battery-operated PIM analyzer featuring Site Master™ line sweep capability. With the Site Master option included, the PIM Master is able to fully certify cable and antenna system performance, measuring PIM, Distance-to-PIM, Return Loss, VSWR, Cable Loss and Distance-to-Fault with a single test instrument. PIM Master includes a large, outdoor viewable display and intuitive user interface that is optimized for field conditions.

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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