

Anritsu Signal Quality Analyzer-R Series MP1900A Approved as USB 3.2 Electrical Compliance Test Instrument

January 10, 2020 - Anritsu Corporation's (President Hirokazu Hamada) Signal Quality Analyzer-R Series MP1900A has been approved as a USB 3.2 Electrical Compliance Test instrument by the USB Implementers Forum (USB-IF).

To transfer high-resolution, large streaming-video data at faster speeds, USB data transmission speeds are progressing to 10 and 20 Gbit/s per lane (USB 3.2 and USB4™, respectively). Anritsu has been supporting USB 3.2 and Thunderbolt3 compliance tests with its high-speed 32 Gbit/s BERT MP1800A series, but the all-in-one 32 G/116 Gbit/s BERT MP1900A series incorporating functions for adding jitter, noise and ISI, as well as clock recovery and Link Training functions required for Rx tests of high-speed interfaces in one unit, not only simplifies system setup and measurement but also helps cut development time.

[Outline of MP1900A Test Solution]

The USB-IF-approved MP1900A is a high-performance bit error tester supporting multiple channels with industry best-of-class output waveform quality, high input sensitivity, and jitter and noise-generation sources. Using the all-in-one MP1900A high-performance hardware USB 3.2 test solution with functions for the Electrical Compliance Test supports both automated test-signal calibration and measurement. Additionally, it has built-in functions for easy, high-reproducibility analysis of various signal-quality issues accompanying high-speed transmission path losses. As a result, the MP1900A helps cut design, testing, and certification approval times while improving product quality.

** USB4™ is a trademark of USB Implementers Forum.*

[More details about the MP1900A are here:]

<https://www.anritsu.com/en-US/test-measurement/products/mp1900a>

About Anritsu

Anritsu has a 120-year history in building revolutionary, world-beating communications and measurement solutions. Based on the company's 2020VISION business plan, Anritsu partners with customers to develop wireless, optical, microwave/RF, and digital solutions supporting R&D, manufacturing, installation and maintenance applications as well as multifaceted service solutions for network monitoring and optimization. Furthermore, as a developer of leading-edge solutions, Anritsu manufactures precision microwave/RF components, optical devices, high-speed electronics parts, etc., for communications products and systems, targeting not only 5G, M2M, and IoT, but also new and existing wired and wireless markets. It employs 4000 people in more than 90 countries as a worldwide business.

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