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News Release

Anritsu Company Teams with Wild River Technology to Develop Signal Integrity Test Solutions

*— CMP Platform First Product Introduced as Part of Collaborative Approach that
Helps Signal Integrity Engineers Validate High-speed Designs —*

Morgan Hill, CA – December 17, 2013 – Anritsu Company, as part of its commitment to develop innovative test solutions to meet the needs of signal integrity engineers, announces a working cooperation with Wild River Technology. The two companies are collaborating to provide test solutions that meet the rigorous test requirements associated with high-speed serial data interconnects, SERDES testing, cables, and backplanes used in Next Generation Networks (NGNs).

As part of the cooperation, Anritsu has introduced the Wild River Technology CMP-28 and CMP-32 Channel Modeling Platforms (CMPs) as complements to the Anritsu VectorStar™ MS4640B Vector Network Analyzer (VNA) series. Together, the CMP platforms and VectorStar provide a means of accurately verifying measurement-simulation correlation for signal integrity engineers and designers working on high-speed systems ranging from 6 to 32 Gbps data rates. CMP-28 is aimed at developers working up to 28 Gbps and CMP-32 for rates up to 32 Gbps.

Users make S-parameter measurements of the CMP platform structures with VectorStar and then compare the results with the predictions of a 3D-EM simulator based on the supplied dimensional and dielectric properties of the structures. Together, the CMP platform and VectorStar enable signal integrity engineers to have fewer design cycles through validation of measurement-simulation correspondence and have greater confidence in first-turn design success. This removes the need to develop custom channel modeling platforms, improves the designer's confidence and speeds time-to-market.

Both platforms come standard with a Users Guide, rugged Pelican-style case, and stand assemblies that allow the unit to be oriented vertically or horizontally on any axis.

(more)

Using either the CMP-28 and CMP-32 platform together with VectorStar delivers a more reliable assessment of measurement-simulation correspondence due to the inherent accuracy of the MS4640B Vector Star's S-parameter measurements. In large part this is due to VectorStar's ability to deliver high-quality low-frequency measurements, which are critical for DC-point estimation as required for accurate time domain simulations fidelity of high-speed systems. This is achieved through use of an innovative bridge/coupler hybrid architecture that provides high dynamic range results at low and high frequencies alike. The VectorStar family includes models with available frequency ranges extending from 70 KHz to 70 GHz and extensions for broadband measurements from 70 kHz to 110 GHz.

The introduction of the CMP-28 and CMP-32 Channel Modeling Platforms further adds to the range of Signal Integrity solutions from Anritsu Company, including the MS4640B VectorStar Vector Network Analyzer family and the 32 Gbps MP1800A BERT Signal Quality Analyzer.

About Wild River Technology

Wild River Technology markets products specifically for the high-speed signal integrity designer who addresses challenges in modeling interconnects, time and frequency domain measurements, and jitter analysis. WRT products address a wide scope of signal integrity issues from 6 to 32 Gbps. Their product portfolio is a result of our many years of working in high-speed design environments. The objective of the CMP product family, adapter and cable products, and measurement workspace product lines is to elevate SI practices and flow to improve confidence and reduce expensive late cycle design changes. To learn more visit www.WildRiverTech.com

About Anritsu

Anritsu Company (www.anritsu.com) is the United States subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for more than 110 years. Anritsu provides solutions for existing and next-generation wired and wireless communication systems and operators. Anritsu products include wireless, optical, microwave/RF, and digital instruments as well as operations support systems for R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. With offices throughout the world, Anritsu sells in over 90 countries with approximately 4,000 employees.

To learn more visit www.anritsu.com.

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