

Marvin Test Solutions Delivers First Beamforming/5G Production Test Solution

Laboratory grade performance with production test efficiency and unrivaled Cost Of Test

Irvine, Calif. – November 7, 2019 - Marvin Test Solutions, Inc., a trusted provider of globally-deployed innovative test solutions for military, aerospace, and manufacturing organizations introduced the new **TS-960e-5G** production test system for mmWave devices used in 5G applications and networks. The system is currently fielded and proven in a Quad-Site production configuration supporting test frequencies up to 50 GHz.

Based on the flexible and scalable PXIe modular platform, the TS-960e-5G provides a compact integrated test solution that can be configured with up to 24 independent VNA channels, up to 256 dynamic digital channels with per-channel parametric measurement units (PMUs) and a wide range of digital and analog instrument options. The TS-960e-5G offers users a compact test system that can support both functional and DC parametric test capabilities. It is available with 5G software tools and with a digital vector conversion utility that support ASCII, WGL, STIL, VCD, eVCD and ATP vector formats.

“The unique requirements of 5G test applications and the evolutionary nature of the technology demand cutting-edge test solutions that are ready for environments from lab to production test,” said Major General Stephen T. Sargeant, USAF (Ret.), CEO of Marvin Test Solutions. “Our TS-960e-5G delivers the performance and ease of use that MTS is known for as well as unrivaled Cost of Test and world-class support .”

Designed for production test applications requiring integration with an automated handler, the TS-960e-5G is available with an inTEST manipulator which provides precise positioning of the test head and the flexibility to interface to automated probers and device handlers. The TS-960e-5G's device interface board (DIB) / receiver interface is designed to be compatible with virtually any device handler.

Renesas-IDT, a leading manufacturer of comprehensive semiconductor solutions, has teamed with Marvin Test Solutions to validate package test performance of their beamforming products on the TS-900e-5G System.

“Marvin Test Solutions is leading the effort to deliver laboratory grade instrument performance in the 5G beamforming production test environment,” commented Scott Martin, Vice President of Product and Test Engineering at Renesas-IDT. “The high throughput capability of the TS-960e-5G test system will be a great asset for us as demand for this technology continues to grow.”

The TS-960e-5G core system includes **ATEasy**[®], a comprehensive suite of software tools that allows users to quickly develop and easily maintain test applications. Digital and parametric testing, and SPI/I2C interface support to functionally control and monitor the device under test are supported in the ATEasy Test Executive and Test Development Suite, as well as all instrument drivers, virtual instrument panels, system self-test, and ICEasy which facilitates device test development and characterization.

System details including specifications are available at:

<https://www.marvintest.com/Product.aspx?Model=TS-960e-5G>

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About Marvin Test Solutions, Inc.

Marvin Test Solutions is an aerospace test and measurement company that has designed, developed and delivered innovative test solutions for military, aerospace, and manufacturing organizations since 1988. Marvin Test Solutions' semiconductor test portfolio includes a range of compact, cost-effective, PXI/PXIe-based modular semiconductor test systems with capabilities comparable to high-end proprietary systems. TS-9XX series systems are supplied with MTS' ATEasy® Test Executive & Development software suite to provide high performance, turnkey solutions that greatly improve test throughput and decrease time-to-market.