VIAVI Demonstrates Industry-First PCI Express 5.0 Test Platform at PCI-SIG

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Platform is an evolution of the VIAVI Xgig 4K16 analyser/jammer for PCI Express 4.0

San Jose, Calif., June 18, 2019 –Viavi Solutions Inc. (VIAVI) (NASDAQ: VIAV) today announced it will show the first demonstration of protocol analysis for the recently completed PCI Express® 5th generation data communication standard. The demonstration will occur at the PCI-SIG Developers Conference, June 18-19, in the Santa Clara Convention Center.

PCIe 5.0 – the next revision of the ubiquitous serial computer expansion bus standard – will double the capacity over a PCI Express link to 32 gigabits per second per unidirectional channel or greater than one terabit per second across the common 16-lane bidirectional slot interface. This acceleration of speed correlates with the performance demands of emerging bandwidth- and compute-intensive applications such as 400-Gigabit Ethernet, IoT, hyperscale and AI. Component manufacturers need test platforms that will validate performance according to the standard, while maintaining familiar user interfaces and management environments to minimize training needs and startup costs.

The VIAVI demonstration is based on the widely used Xgig® platform, enabling detailed functional and performance analysis of the PCIe 5.0 protocol, supporting operation at 32 giga-transfers per-second. The VIAVI family of protocol analysers has addressed all of the test requirements of the PCIe 4.0 ecosystem. The Xgig 4K16 offers complete visibility into PCIe 4.0 traffic flows with advanced trace and analysis and jamming, supporting lane widths of x1, x2, x4, x8, and x16 at link speeds of 2.5 GT/s, 5.0 GT/s, 8.0 GT/s and 16 GT/s.

"The ability to test computing and storage network equipment and identify how and when a system fails is key to developing the most robust, high-performance solutions possible for data-heavy applications," said Tom Fawcett, Vice President and General Manager, Lab and Production Business Unit, VIAVI Solutions. "What really puts VIAVI at the forefront of the industry is our willingness to be both market-focused and standards-focused – while the industry is still preparing for PCIe 5.0, we are involved with the key enablers of that ecosystem, participating in standardisation efforts but also working with our customers to validate early prototypes."

About VIAVI
VIAVI (NASDAQ: VIAV) is a global provider of network test, monitoring and assurance solutions to communications service providers, enterprises, network equipment manufacturers, civil, government, military and avionics customers, supported by a worldwide channel community including VIAVI Velocity Partners. We deliver end-to-end visibility across physical, virtual and hybrid networks, enabling customers to optimize connectivity, quality of experience and profitability. VIAVI is also a leader in high performance thin film

optical coatings, providing light management solutions to anti-counterfeiting, consumer electronics, automotive, defense and instrumentation markets.

About GCH
GCH is the Master European distributor for the VIAVI SNT (Storage Network Test) products. GCH have more than 26years experience in supplying, supporting and training customers in the test and development markets, with the latest protocols and tools.

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