

Tektronix Enhances Optical Modulation Analyzer Software **Enables Leading Edge Coherent Research on Multi-Channel Optical Transport Systems**

BEAVERTON, Ore., Sept. 19, 2016 /PRNewswire/ -- Tektronix, a leading worldwide provider of measurement solutions, today announced a series of enhancements to its optical modulation analyzer (OMA) software. The latest release provides optical research engineers with the ability to evaluate multi-channel coherent modulation schemes with confidence using a single measurement system. Engineers can now calibrate and control multiple OMA's to easily acquire and analyze simultaneous data from multiple channels such as different wavelengths or fiber cores.

"This release of our OMA software will improve the multi-channel test experience for researchers developing advanced coherent optical communication and networking technologies such as QAM or DP-QPSK," said Brian Reich, general manager, Performance Oscilloscopes, Tektronix. "We are reducing the cost of setting up multiple OMA systems and we're reducing the time between receiving multiple OMA hardware systems and getting calibrated, synchronized data from those systems."

Included in this release is a new visual OMA setup tool that facilitates reconfiguration of the oscilloscopes and coherent receiver front-ends so that the same hardware can be used for many different applications like PAM4 research or increased channel count in DP-QPSK testing.

The need for multi-channel coherent research is growing with the use of spatial (or modal) division multiplexing that requires an OMA to down convert and digitize data for each channel. Multi-carrier communication applications also require one OMA per wavelength channel when the wavelength separation is more than the OMA bandwidth.

Pricing and availability

The new software will be available for download by the end of 2016. For details on the full range of Tektronix Coherent Optical Solutions, go to: <http://www.tek.com/application/tektronix-coherent-optical-solutions>.

Wondering what else Tektronix is up to? Check out the Tektronix [Bandwidth Banter blog](#) and stay up to date on the latest news from Tektronix on [Twitter](#) and [Facebook](#).


About Tektronix

Headquartered in Beaverton, Oregon, Tektronix delivers innovative, precise and easy-to-operate test, measurement and monitoring solutions that solve problems, unlock insights and drive discovery. Tektronix has been at the forefront of the digital age for over 70 years. Join us on the journey of innovation at TEK.COM.

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