

For the Tektronix DPO70000SX 70 GHz real-time oscilloscope

(Q2 2017 release) PAM4 Receiver Calibration and Test Software (GRL-PAM4-RX)

Quickly characterize the electrical performance of your PAM4 Receiver Design

Tektronix
Solutions Partner

Anritsu

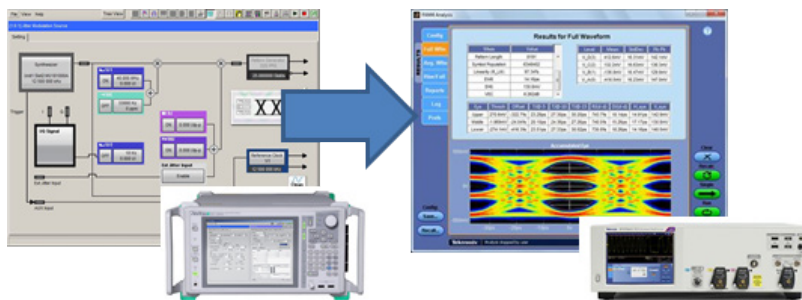
- Automate PAM4 Receiver Jitter Tolerance testing at the push of a button
- Achieve consistent results with rapid calibration and test execution
- Simple Setup, Test Execution, and Reporting in HTML and .csv formats
- Fully configurable and customizable

Product Overview

GRL's PAM4 Receiver Calibration and Test Software (GRL-PAM4-RX) provides an efficient way to test your PAM4 Receiver to the Jitter Tolerance specifications of the IEEE Chip-to-module 200 Gb/s four-lane Attachment Unit Interface (200GAUI-4) and 400 Gb/s eight-lane Attachment Unit Interface (400GAUI-8) for Hosts.

GRL-PAM4-RX automates the PAM4 stressed eye calibration following the IEEE 802.3bs specification using the Anritsu MP1800A dual-channel BERT in conjunction with the Tektronix DPO70000SX 70 GHz real-time scope at 53.125Gbaud/s (26.5625Gbps). GRL-PAM4-RX integrates required CTLEs and PLL, and achieves thorough analysis of the PAM4 eye diagram using the Tektronix PAM4 Analysis Application. GRL-PAM4-RX automatically measures PAM4 Eye Height @ 1E-06, Eye Width @ 1E-06, Vertical Eye Closure (VEC), and Waveform Linearity.

GRL-PAM4-RX is expected to release in Q2 2017, and runs on any Windows 7 PC or oscilloscope.



Automated RX Stress Generation and PAM4 Analysis

Ordering information

GRL-PAM4-RX software is expected to be released in Q2 2017. Contact info@graniteriverlabs.com or your Tektronix sales representative for more information or for a demo.

Model Number	Description
GRL-PAM4-RX	PAM4 Receiver Calibration and Test Software for the Tektronix DPO70000SX 70 GHz real-time oscilloscope

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About Granite River Labs

Granite River Labs (GRL) provides end-to-end Engineering Services and Test Solutions to help hardware engineers adopt high speed interfaces. A trusted partner of small up-and-coming hardware developers to some of the largest companies in the world, GRL combines recognized industry expertise in high performance test equipment, automated test solutions, and convenient locations to provide the utmost in customer service and robust, user-friendly tools. Together with our customers, we overcome challenges with designing and validating early stage products and new connectivity technologies.

For additional information or questions regarding Granite River Labs, including quotes, product demonstrations, software and technical assistance, please contact us at info@graniteriverlabs.com.

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GRL-PAM4-RX, published March 2017