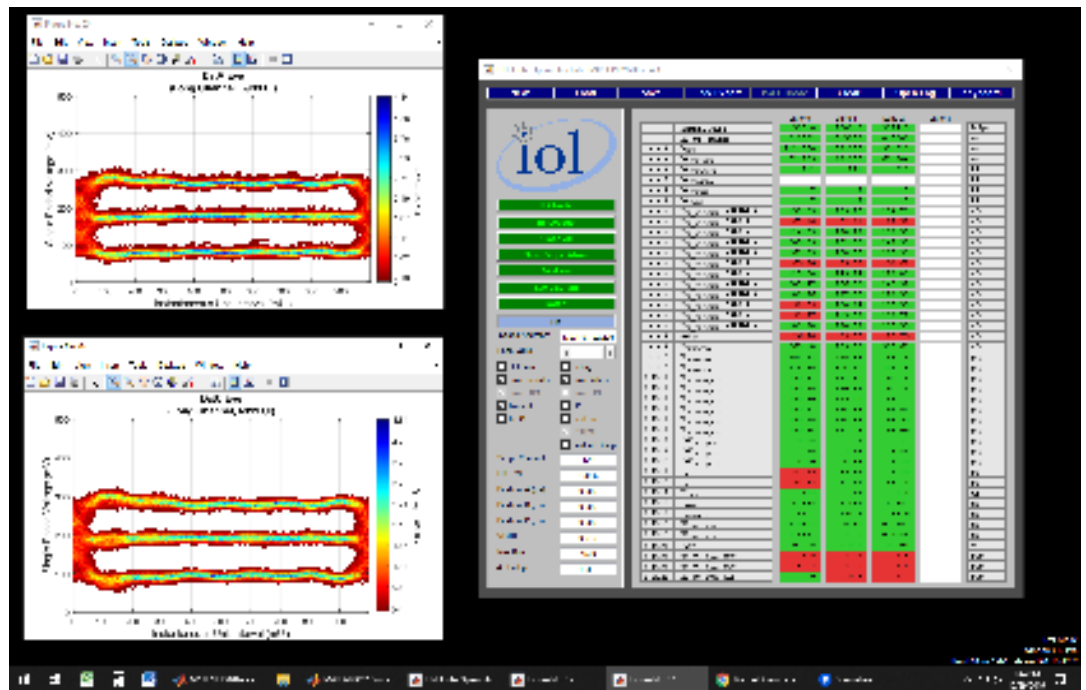# QualiPhyer:
Physical Layer Analysis Software

QualiPhyer is a family of software packages used to test a product's conformance to IEEE 802.3™ and MIPI Alliance electrical and optical standards. These packages can be used to control oscilloscopes and traffic generators over Ethernet or GPIB connections to test the physical layer characteristics of devices. The software processes waveforms from the scopes to produce results based on algorithms developed at the UNH-IOL.

The QualiPhyer platform provides measurements using T&M equipment from multiple providers including Anritsu, Keysight, Rohde & Schwarz, Tektronix, and Teledyne Lecroy.

Key Benefits:

- Automated testing
- Industry-recognized test methodologies available for use in-house testing
- Analysis of captured waveforms
- Verifies specification conformance
- Plot Generation for debugging and analysis

Contact:
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QualiPhyer Options

	QualiPhyer C-PHY GUI For MIPI	QualiPhyer 100BASE-TX For Ethernet	QualiPhyer 1000BASE-T For Ethernet
MIPI CPHY CTS	✓		
Clause 25 PMD		✓	
Clause 25 PMD-EEE		✓	
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