

New TekExpress Ethernet (CMENET3) vs ET3

COMPARISON FACT SHEET

Significant Improvements in Test Times

	TekExpress Ethernet (DPO5000,7000,70000 typical)	TekExpress Ethernet (5 and 6 Series MSO, typical)	ET3 (typical)
1000BASE-T	23 min	20 min	43 min
100BASE-T	9 min	7 min	10 min
10BASE-T	22 min	10 min	33 min

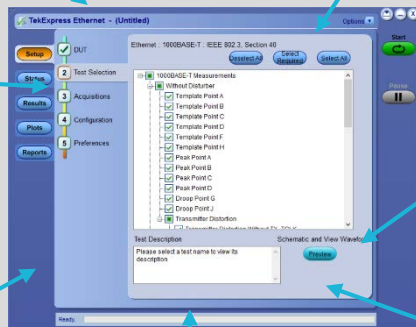
New Design and User Workflow

Select and run multiple tests

Test beyond compliance spec by changing the test limits

Auto-close message pop-ups for hands free operation

Supports latest hardware for Disturber & Return Loss



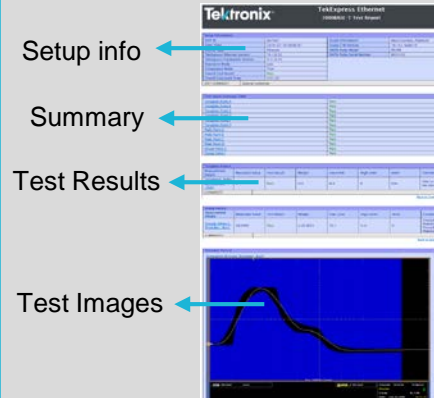
View waveform before running tests

Customize test reports to show relevant test data

Perform repeatability tests and generate a single test report

Automated Test Reports

TekExpress Ethernet



Setup info

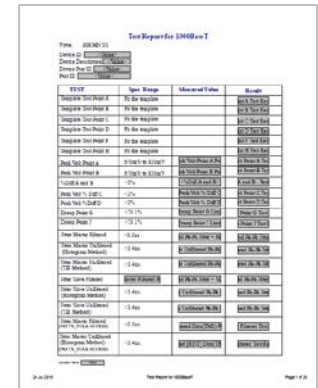
Summary

Test Results

Test Images

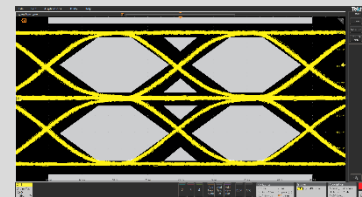
Automatic test report generation at the end of test execution. Generate reports in .MHT, .PDF or .CSV formats

ET3



Manually generate reports. Reports are template based and require report generator module

Leverages the Capabilities of New Scope Hardware



Optimized 100 BASE-T AOI template test with positive and negative regions in a single view

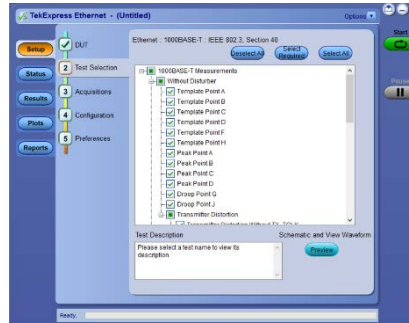


Get a deeper insight into 10 BASE-T MAU test.

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NEW!



Key Features Comparison

	Tektronix <i>NEW</i> TekExpress Ethernet (CMENET3)	Tektronix ET3
Ethernet Speeds Supported	10 BASE-T, 100 BASE-TX, 1000 BASE-T	
Select and run multiple tests per speed selection	Yes	Limited support
Energy Efficient Ethernet support	No	10 BASE-TE
Offline Analysis (Pre-recorded mode)	Yes (selected measurements)	No
Scope graticule visibility during execution	Full visibility, app runs outside of scope	Poor visibility, App is integrated into the scope graticule
View waveform before running the tests	Supported	
Disturber and Return Loss calibration	Supported	
Automated Test Report Generation	Yes	No
Report formats	MHT, PDF, CSV	.RPT (manually convert to PDF)
Auto-close User messages during execution	Yes	No
Support for Latest Hardware as Disturber and Return Loss test sources	AFG31000, AFG5200 Series	Legacy hardware support only
Positive and Negative AOI Template in a single view	Yes (supported on 5 and 6 Series MSO only)	No
Limits Editor for Margin testing	Yes	No
Session File Capture (Reports, Waveforms, Images)	Supported	No
Multi-run Capability ('n' run feature)	Yes	No