The signal on Ch. 3 appears to be exhibiting meta-stability on 0.011% of edges (1 edges total). An example has been annotated.

Edge Jitter/TIE (Ch 2)
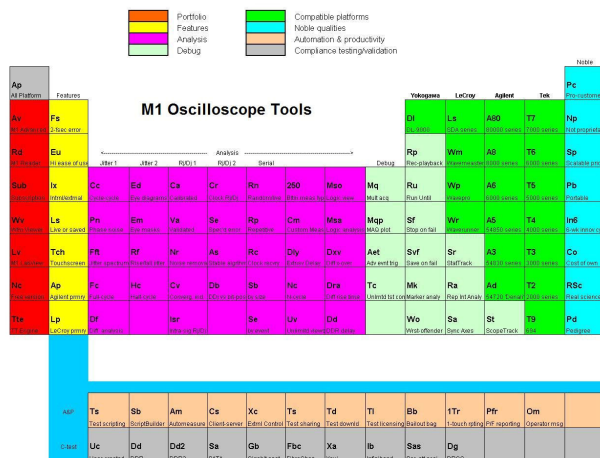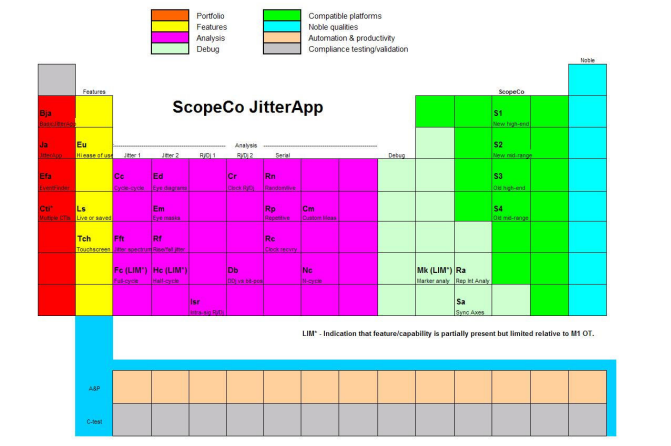
M1 Oscilloscope Tools™
The Ultimate Waveform Tool

Edge Jitter/TIE (Ch 2)

R A F   F   A P S 80
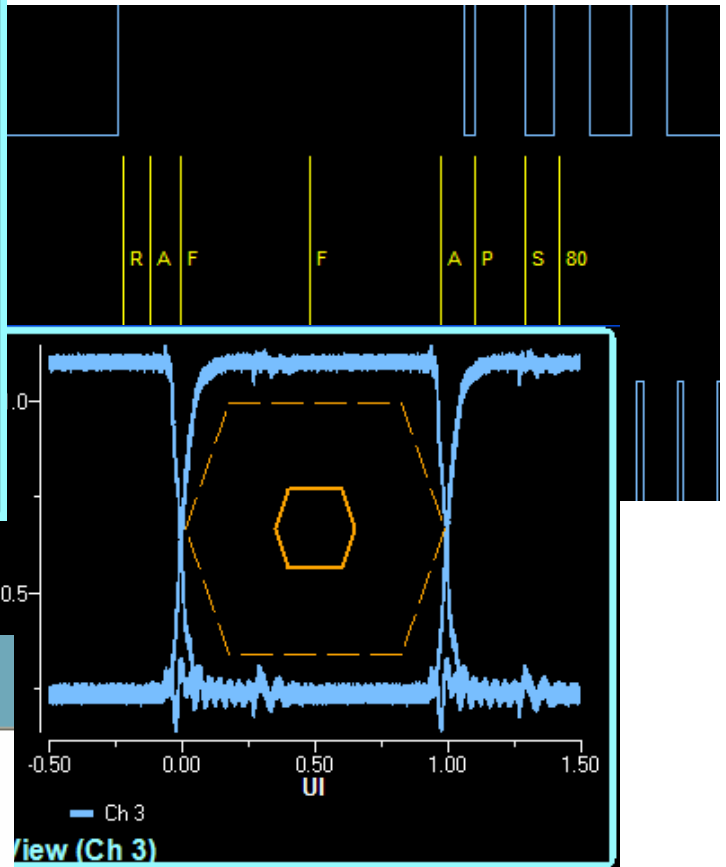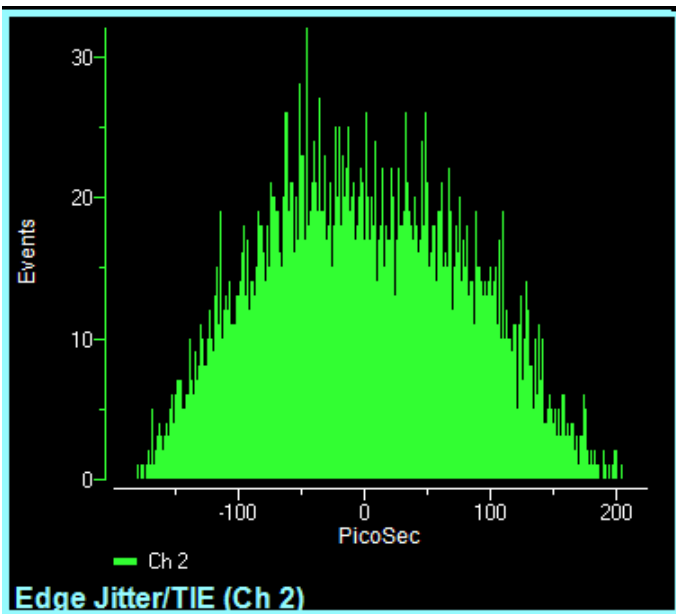
⏀HAL

Jitter test			
Worst case		Margin	
0s	(12.354ns)	-99%	Passed
000ns	(97.616ns)	1526%	Failed
0MHz	(2.841MHz)	42%	Passed
.000mV	(-1.070V)	6%	Failed

View (Ch 3)

This brochure contains links to ASA's website and is best viewed on your computer as a PDF.

Does More, Costs Less…

…and that's putting in mildly. We often encounter customers who are using M1 OT to replace scope manufacturer's software that couldn't do what they needed it to do. Check the charts to the right and below (explorable versions online); M1 OT does every-thing ScopeCo does and a lot more besides. The difference is enormous. So we'd rather use this brochure to talk about the higher-level capabilities and impacts that M1 OT can have on your measurement workflow than try to give you the usual bullet lists of features. The last time we tried that, we had a 16-page brochure that was still incomplete, and obsolete before the ink dried due to ASA's 6-10 week cycle of innovation.

M1 Oscilloscope Tools

Legend: Portfolio / Features / Analysis / Debug — Compatible platforms / Noble qualities / Automation & productivity / Compliance testing/validation

* ScopeCo is the name ASA uses to collectively refer to the major scope manufacturers

ScopeCo JitterApp

LIM* - Indication that feature/capability is partially present but limited relative to M1 OT.

M1 Oscilloscope Tools™

M1 Oscilloscope Tools is a powerful collection of capabilities for harnessing the potential of all of your oscilloscopes, regardless of manufacturer. There are literally 100's of ways that M1 OT can speed up your analysis/debug work (dramatically), reduce your lab operating costs (dramatically), and reduce the risk of missing the smallest/rarest waveform anomaly (dramatically). Whether you're working solo or collaborating with a team, M1 OT gives you more options for under-standing your waveform's behaviors than ever before.

For a full overview of the many ways that M1 OT can help you do your job faster, better, and at lower cost, go to
www.M1OT.com

Embedded Intelligence

- Hidden Anomaly Location™ (HAL™)
- AutoMeasure™

Organization-Level Impact

- Collaboration
- Technology Replacement
- A Financial Impact Beyond Just You Lab Budget
- M1 Enterprise Licensing
- An Open, Extensible Solutions Architecture

Productivity Amplification

- Ease of Use
- Automation
- Compliance Tests
- Reporting and Saving
- Remote Analysis

Analysis

- Measurement Builder
- RjDj Decomposition
- World-Class Analysis Tools
- Measurement Completeness
- Compliance Tests

Waveform Exploration and Debug

- Debug
- Waveform Exploration
- Software Event Triggering

Other Benefits

- Pace and Inclusiveness
- Freedom

For a free Demo, just visit our website: www.M1OT.com

What do you need?... It's In There!

Which company can help you?

Questions to ask yourself

| Question	ASA	ScopeCo
Do you or your organization use oscilloscopes to understand the waveform behavior of your devices or systems?	YES	YES
Does your organization use oscilloscopes made by more than one manufacturer?	YES	NO
Could you stand to get more work done in a day?	YES	NO
Does your organization have older scopes in the inventory you would like to bring up to the state of the art line?	YES	NO
Would you like an alternative to the narrow, expensive scope software that only runs on one manufacturer's scopes?	YES	NO
Would you like oscilloscope usefulness software that has new features added every 6-10 weeks?	YES	NO
Would you like a simple Subscription program that ensures you have access to that stream of innovation?	YES	NO
Would you like a single, integrated tool that can address 100% of your scope-based analysis requirements?	YES	NO
Want an Rj/Dj solution that has been calibrated, validated, and which nulls out instrument noise?	YES	NO
Want the same Rj/Dj solution to run on Tek, Agilent and LeCroy scopes so you can finally have correlation?	YES	NO
Would you like your scope software to run on every scope in your organization regardless of who manufactured it?	YES	NO
Would you like signal-integrity issues brought to your attention automatically without your having to look for them?	YES	NO
Would you then want to be able to quickly access a database of causes, effects, and possible solutions to that issue?	YES	NO
Do you do compliance tests for various serial data standards?	YES	YES
Would you like to have compliance tests for all of the major standards included at no additional charge, and use them 9-12 months before the scope manufacturers typically release theirs?	YES	NO
How about minor standards too?	YES	NO
Do you already have a lab-automation plan, or do you intend to automate?	YES	NO
Would you like to be able to send one XML command to a scope and get back the results of dozens or even 100's of measurements and limit comparisons, instead of figuring it all out yourself?	YES	NO
Would you like to be able to analyze your data at your desk or at home rather than while you're sitting at the scope?	YES	NO
Would you like to be able to send waveforms to engineers at other locations and have them be able to explore and analyze that data too?	YES	NO
When you complete your measurements, would you like to be able to produce professional reports of the results, as well as save the measurement data in virtually any format you wish?	YES	NO
Would you like to be able to easily locate individual waveform anomalies or a "worst offenders" not just in one acquisition, but across hundreds or thousands of acquisitions?	YES	NO
Would you like to be able to analyze the logic channels of your MSO along with the analog channels?	YES	NO
Different days bring the need for different tools... would you like to have the tools you need at hand immediately when the need arises?	YES	NO
Do you frequently perform the same series of measurements?	YES	NO
Would you buy a $6 hammer instead of a $400 rock if you needed to nail something?	YES	NO
Would you like to accomplish in 1-2 minutes what now takes you 45-60 minutes?	YES	NO
Would a no-cost interface to Matlab be useful?	YES	NO
Would it be useful if you could take software you already own with you when you upgrade to your next scope?	YES	NO
Would you like to end your organization's reliance on narrow, expensive scope-manufacturer-specific solutions that can add up to half, or more, of the cost of the scope?	YES	NO
Would you like to save tens of thousands of dollars on the purchase of your next high-end scope?	YES	NO
Would you like free software with the purchase of your next high-end scope?	YES	NO

For a free Demo, just visit our website: www.M1OT.com

Our video-intensive web site has highly informative videos…
and some that you might even actually <u>enjoy</u> watching…
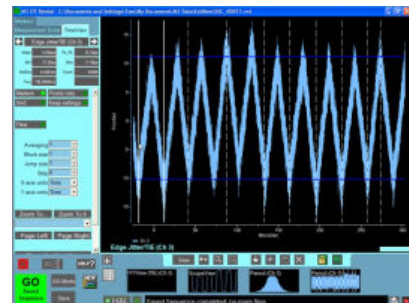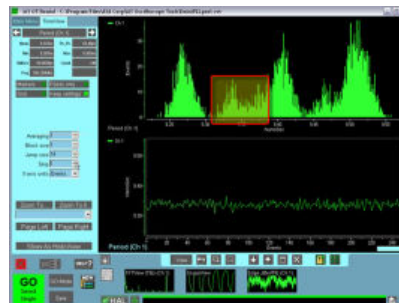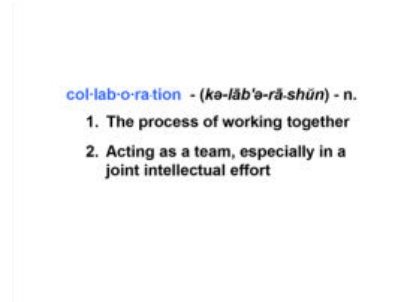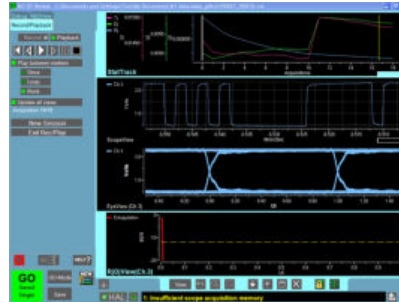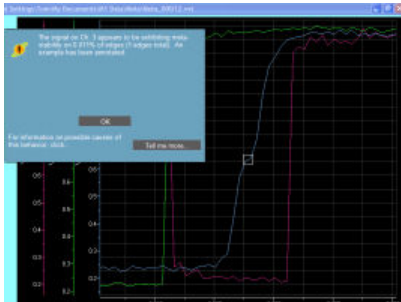
Some Companies that use M1 OT:

Agilent Technologies	Infineon
Cypress	Intel
Dell Computer	Micron
Fairchild	Microsoft
Freescale	Motorola
Fujitsu	Pericom
Hewlett-Packard	Philips
Hitachi	Siemens
HP Labs	Texas Instruments
IBM	US DoD
IDT	

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Fax: +1-413-596-5354
Web: www.M1OT.com
Email: info@Amherst-Systems.com

By now, you've got a sense of the imagination and power in M1… now visit us on the web for the full story:

www.M1OT.com

M1 Waveform Viewer™ is FREE

If you just need to be able to analyze waveforms from all of your scopes in one place, and easily share those waveforms with colleagues across the hall or across the world, you should take a look at ASA's **M1 Waveform Viewer** product. For more details, go to www.Amherst-Systems.com/m1-waveform-viewer.htm