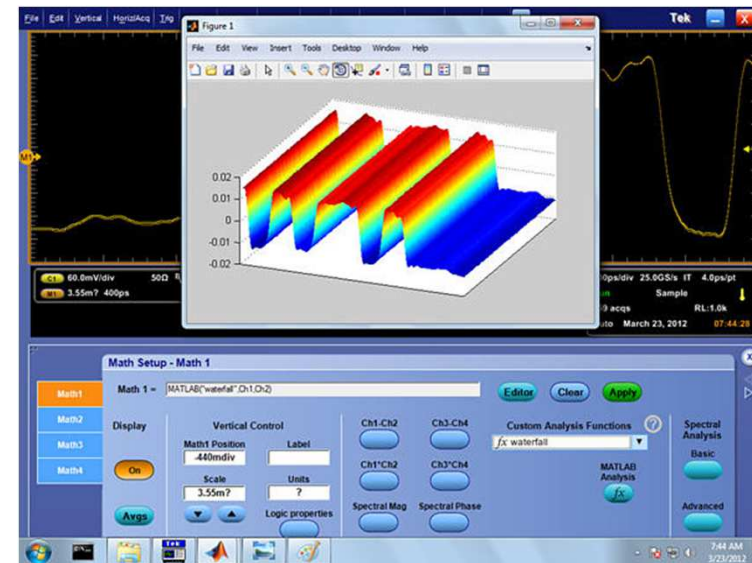


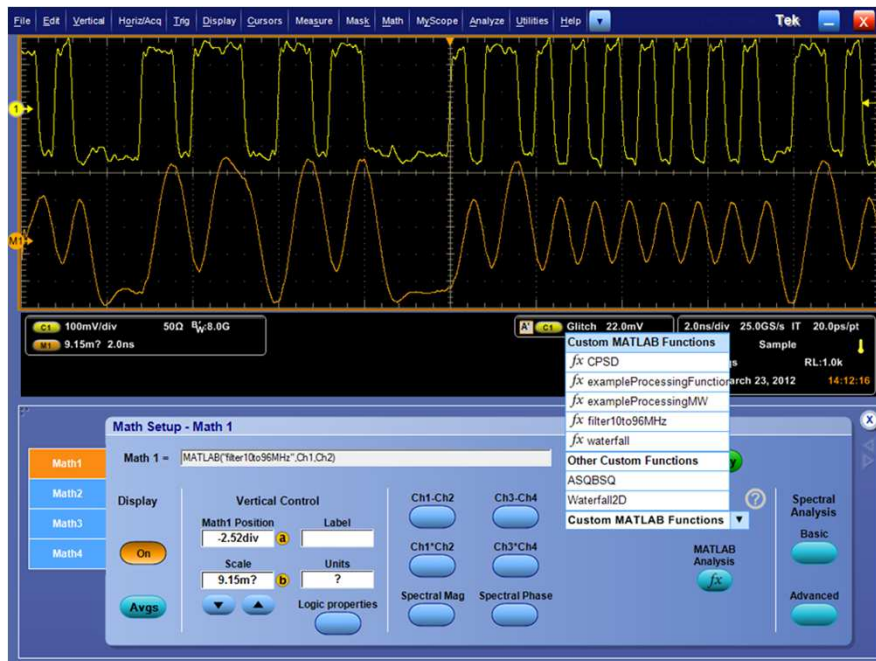
# Overview – Custom Analysis Interface for use with MATLAB®

- Feature – Integrates custom MATLAB analysis and visualization functions directly into the oscilloscope measurement system.
- Application – For customers who wish to integrate their MATLAB analysis directly into the scope measurement system.



Integrated MATLAB measurements using the Custom Analysis Interface

# Details – Custom Analysis Interface for use with MATLAB®



- This high performance interface enables live custom analysis with full integration of MATLAB procedures into the Tektronix oscilloscope.
- Analysis is performed during the signal acquisition loop and results are returned as a math trace on the instrument, allowing users to rapidly complete advanced analysis and debug tasks.
- MATLAB procedures hosted on the oscilloscope benefit from a shared memory interface to acquired waveform data, establishing a live data environment that can be fully customized for specific types of analysis.
- Extensive MATLAB visualization features can also be applied to create specialized data views that are fully synchronized with oscilloscope operation.

# Required Software and Additional Information

## Required Software:

- TekScope FW version 6.4.0 or above
- ADK version 1.0.4
- MATLAB version R2011A or above

Learn More: [www.tektronix.com/matlab](http://www.tektronix.com/matlab)