X-Stream DSO Version 4.0.0 Release Notes for WaveRunner 6000A Series
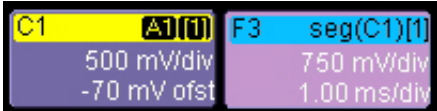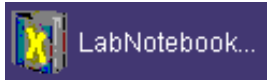
New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
	×		sequence mode displays for stored waveforms	Traces recalled from memory can now be displayed in any of the specialty display modes: Adjacent, Waterfall, Mosaic, Overlay, Perspective.
	×		various sequence mode enhancements	• In Adjacent mode, all segments can now be displayed (previously limited to 80). • Drawing a box around a sequence trace will zoom the segments within the box. • When a sequence trace and the zoom of the sequence trace are displayed, the zoomed area will be highlighted. • The Segment math function can now display multiple segments. • Descriptor labels now show the number of the first segment in the display: C1 A1[1] / 500 mV/div / -70 mV ofst F3 seg(C1)[1] / 750 mV/div / 1.00 ms/div
	×		cursors on extrema waveforms	Cursors can now be placed on extrema traces (Envelope, Roof, Floor functions).
	×		support for new XXL memory	The XXL memory option has been improved to allow full utilization of memory at all sample rates.
	×		scaling of Difference math function	The scaling of the output of the Difference math function has been improved to correlate better with vertical zoom magnification factors.
		×	pass/fail dialogs	Pass/fail dialogs were occasionally displayed incorrectly. This has been corrected.
		×	cursors on dimensionless X-axis traces	Horizontal cursors can now be placed on dimensionless X-axis traces (e.g., Ratio function).
		×	scaling of FFT magnification squared	A scaling problem when an FFT magnification squared display was produced has been corrected.
		×	front panel power switch	Pressing the front panel switch will now consistently shut down the instrument and save all panel setup changes.

All WaveRunner 6000A Series DSOs

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	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
All WaveRunner 6000A Series DSOs	×			LabNotebook LabNotebook...	LeCroy's LabNotebook feature extends the documentation capabilities of your scope. It allows you to create an annotated notebook entry containing all displayed waveforms, the DSO setup, and user-supplied annotation (text and freehand). The notebook entry can then be converted to hard-copy format (pdf, rtf, or html) and printed or e-mailed. Refer to the on-line Help on your scope for more details.
JTA			×	max. voltage measurement with PTraceMean function	Under rare conditions, the max. voltage measurement was incorrect when operating on the output of PTraceMean. This has been corrected.
SDM			×	mask testing without clock recovery	Changing of the slope when SDM was set up to run with external clock could generate fatal errors. This is no longer the case.
CANbus TD			×	trigger couplers	The system now operates properly with just one coupler present.
AP015 Probe			×	Degauss in X1 attenuation	The probe will now recalibrate with every change in attenuation.
			×	probe not recognized in jaw-open condition	The AP015 probe will be consistently recognized, even when the jaw is open.