Version 8.4.3 Release Notes – Scopes

New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
		×	internal printer problems	Printouts are now correct for 2 cm/div scale.
	×		display color scheme	Color intensity has been enhanced so that objects stand out better against a white background in printouts.
	×		grid intensity	The grid will no longer be printed when the intensity is set to zero for 1 cm/div scale.
		×	display of AP022 probe serial number	The serial number for AP022 probes is now correctly displayed.
	×		AP033 probe offset message	The warning message "Probe Offset Locked" has been expanded to "Probe offset buttons are locked" to make it clear that the probe itself has not failed.
		×	AP015 degauss and autozero	The AP015 probe can now degauss and autozero when 2 channels are combined.
	×		livelier persistence display	The display rate has been increased when the persist time is ≤1 s.
		×	duty@level for nonrepetitive signals	This parameter now works properly for nonrepetitive signals.
		×	file storage message	The file storage message has been corrected to assign a unique file name for each file when multiple channels are being saved. Formerly all were "xxx.008" in the message.
		×	data loss after GPIB transfer	For waveforms >1 MB and <10 divisions, data points will no longer be reduced to zero after a transfer to PC.
	×		BWL with OE325 probe	Bandwidth limiting is now forced OFF for a channel to which an OE325 probe is connected.
		×	parameter display	When an acquisition is canceled, the parameter display is now consistent.

All DSOs spans the left rows.

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
All DSOs (continued)			×	SCSV command	The SCSV command argument now accepts YES/NO or ON/OFF.
			×	screen saver	The screen display now reliably returns when any key is pressed.
			×	INR after screen dump	INR is now set after a screen dump.
LC684			×	autosetup with AP020 probe	Autosetup will operate correctly now when an AP020 probe is used with a PP096 probe.
DDA	×			user defined trellis (UDT)	By means of an ASCII text file, this feature allows you to define the trellis used by the Viterbi detector in the Disk Drive Analyzer's channel emulation. UDT specifies the target levels and all possible transitions. The file can also specify many significant aspects of the emulated channel, including the proportional (phase) and integral (period) gain on the clock steering control loop, the AGC gain, adjustment limits, etc.
			×	DDNA hang-up	The scope will no longer hang while servicing a WAIT remote command.
	×			number of segments increased for DDA-120 and DDA-125	6000 segments are now allowed for the DDA-120 and DDA-125.

Version 8.4.3 Release Notes – Software Options

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
JitterPro	×			PP096 probe	If you are using an LC684 Series scope, you now have the option to select single-ended or differential functions when the PP096 probe is removed.
		×		JitterWizard	Rate sensitivity for cursor movement in JitterWizard has been enhanced.
			×	cycle-to-cycle display	The cycle-cycle display is now properly scaled so that the entire waveform fits within the grid.
	×			**POSITION**, **ZOOM**, and **RESET** knobs and button	The **POSITION** and **ZOOM** knobs are now active in JitterTrack and JitterFFT. This gives you greater flexibility when using the JitterWizard. Also, the **RESET** button has been enabled in JitterTrack.
		×		JTA measurements	You can now perform JTA measurements on low amplitude signals; however, accuracy may be reduced. Formerly a 3-division minimum amplitude was required.
		×		input coupling	JitterPro now preserves C2 and C3 input coupling, allowing you to use a high impedance passive probe.
			×	histograms and trends for wid@lv; value for p@lv	Histograms and trends for wid@lv have been corrected. Correct values are now reported for p@lv.
		×		stop acquisitions	To make JitterWizard more responsive, acquisitions will stop immediately when you change setups. Press **DO MEASUREMENT** to restart acquisitions.
			×	FFT scaling	FFT now scales correctly.
			×	data stream memory limitation	Memory is no longer occasionally limited to 50k.

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
PMA		×		units for apparent power	Apparent power is now reported in units of volt amps (VA).
		×		deskew adjustment knob	The acceleration rate for this knob has been slowed down for greater control.
		×		fine dc adjustment	This knob now operates in sync with the offset knob.
MASK TESTER			×	DS3 waveform autofit	A DS3 waveform now fits reliably and repeatably within a mask.
	×			test counter	An MT_TEST_LIMIT remote command has been created to determine when a test is finished.
	×			DS1 horizontal positioning	You can now horizontally position a pulse within a mask.
			×	tests re-enabled for LC534 and LC334 scopes	These models have been added to the list of scopes capable of 500 MS/s testing.