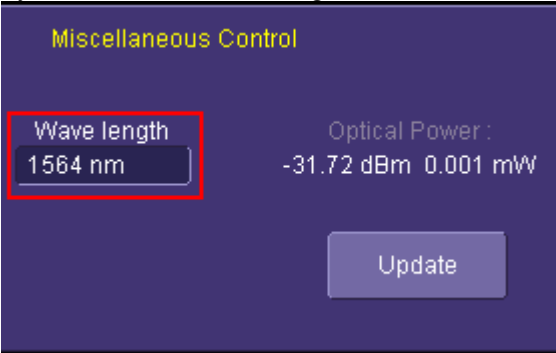



X-Stream Oscilloscope Version 4.5.0 Release Notes for WaveExpert Scopes

October 2005

Product	New Feature	Enhancement	Behavior Change	Item	Description
WaveExpert SDA			x	crossing level units	Optical units were misreported as mV instead of mW. This has been corrected.
		x		autosetup function	Autosetup operation has been improved to better find the pattern, bit rate, and eye center.
NRO 9000 SDA 100G SDA option	x			jitter mode feature	This feature is now available on near-real-time scopes, the SDA 100G sampling scope, and in the SDA software option package.
NRO 9000 SDA 100G	x			find clock rate feature	By touching the Find Clock Rate button, you can now elect to have the scope determine the clock rate automatically.
NRO 9000 SDA 100G WaveExpert	x			wavelength calibration for optical modules	Optical modules are automatically calibrated when you plug them in, and the wavelength automatically displayed in the Pod Info dialog: 
WaveExpert	x			optical power meter	This release provides a continuous readout of optical power and the ability to update the reading at the touch of a button: 
	x			XXL memory option	Our XXL memory option, which offers 512 MB/Ch, is now supported for WaveExpert scopes.
			x	(sinx)/x interpolation in eye mode	(Sinx)/x interpolation was being erroneously applied in eye mode. This has been corrected.
			x	deskew function in eye mode	The deskew function was erroneously enabled in eye mode. This is no longer the case.

Product	New Feature	Enhancement	Behavior Change	Item	Description
		x		Quick Set front panel operation	The functioning of the Quick Set front panel buttons (Scope, Eye, TDR) has been improved to enable display and toggling (opening and closing) of relevant dialogs.
	x			XMATH option	The XMATH option is now included as a standard feature. This provides histograms of greater than 1000 values.
		x		improved memory allocation algorithm	Processes, such as MATLAB, requiring scope memory beyond the capacity of the scope's memory option will generate an appropriate warning.