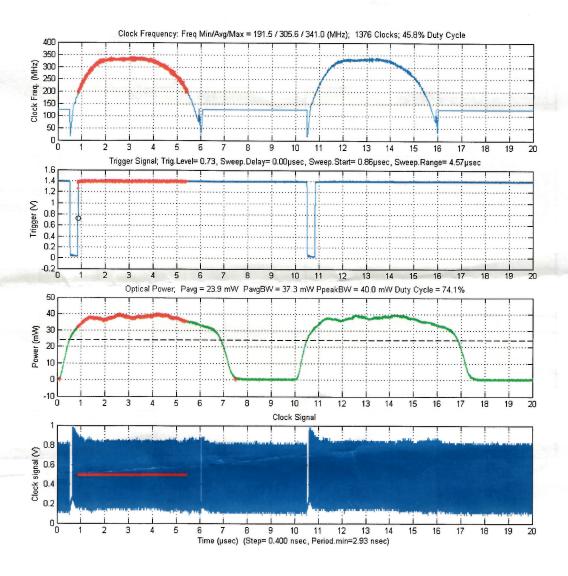
1310nm SS-OCT Laser Engine Final Test Report

Test information

Serial number: A15001368
Part Number: AXP50125-6
Test date: 03-27-2015 14:47:05
Report date: 2015 March 27

Test operator: tt

Firmware version: Axsun OCT Firmware V1.13.1





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Test Results

Parameter	Units	Value	Min	Max	Pass/ Fail
Sweep Rate	kHz	100.16	99.8	100.2	PASS
Center Wavelength	nm	1304.02	1285	1315	PASS
Wavelength Tuning Range	nm	106.11	105		PASS
Average power	mW	23.9	20		PASS
Duty cycle	%	74.1			
Sampled Duty cycle	%	45.8	40	65	PASS
MZI path length difference	um	32.61	-308	308	
External Clock Min Frequency	MHz	191.5	40	250	
External Clock Max Frequency	MHz	341	40	450	
Sampling Clocks	count	1376	1376		PASS

Note: Specification Minimum Limits Labeled 'YES' are functionally tested.

