

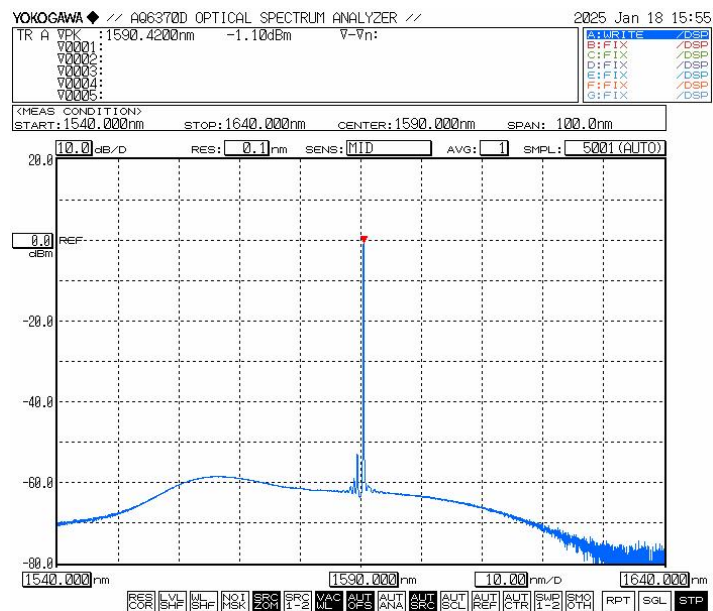
Product Test Sheet

Product Name: Wavelength Tunable Fiber Laser

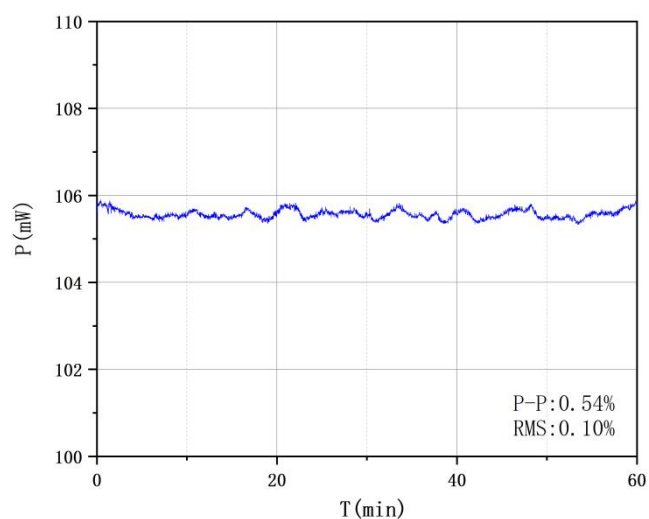
Product Code: STTFL-L-128-100-SM-B (LL-TFL-L-128-100-SMF-B)

Serial Number: 24121707-1

Specification	Unit	Min	Typical Value	Max	Remarks
Optical Output Power	mW	10		100	-
Power Stability	dB		0.02		@20min
	dB		0.05		@8h
Power Stability	dB		0.3	0.5	Full Wavelength Range
	dB		0.3	0.3	Full Temperature Range
Channel Serial Number	-	H28		L65	
Wavelength Tuning Range	nm	1554.54	-	1607.47	ITU Standard
Frequency Tuning Range	THz	186.5	-	192.85	
Frequency Stability	GHz	-1.8		+1.8	
Channel Spacing	GHz		50	-	
Wavelength Interval	nm		0.4		
Number of Wavelength Channels			128		
Channel Switching Time	ms	-	10	15	-
Frequency Error	GHz	-1.5	-	1.5	
SMSR	dB		>50	-	
Output Isolation	dB		30	-	-
RIN	dB/Hz	-	-110		10MHz-1GHz
			-145		1-10GHz
Fiber Type		SMF-28e			
Fiber Connector		FC/APC			
Dimensions	mm	260(W)×280(D)×120(H)			
Operation Temperature	°C	-20		65	
Power Supply	V	-	AC 100-240		British Standard
Software Version		TLS Controller V20230711			DB9-RS232



Optical Spectrum@ 1590.42nm,20dBm
(after 20dB attenuation)



Power Stability@ 1590.42nm,20dBm

Date: 2025-01-18