

# TRAVELER: Q5179-0160, 4 Channel Laser Module

Part Information				
The following section contains information about the assembly.				
Part #	Q5179-0160			
Revision	A			
Description	4 CHANNEL LASER MODULE			
Serial #	000200			
Date Recorded	2/14/2022 8:04:05 AM			
Internal Components	Component	Part Number	Serial #	
	CNI	MSL-U-532-50mW	CA12566	
	Fiber Splitter Module	Q5179-0080	000215	
	Input Fiber Splitter	TW560R5A1	T071791	
	Channel 1&2 Fiber Splitter	TW560R5A1	T073073	
	Channel 3&4 Fiber Splitter	TW560R5A1	T073360	
	Laser Control Board	Q4224-1460	3701860	v2.8.0

Requirement Description	Requirement	Measurement		In Spec YES/NO		Measurement Method
Measured Power	-	67.70	mW	-		Power Meter
Measured Wavelength	-	532.20	nm	-		Wavelength Meter
Nominal Channel Output Optical Power	-	-		-		Power Meter
Channel 1 Power		58.56	μW	-		
Channel 2 Power		55.40	μW	-		
Channel 3 Power		54.11	μW	-		
Channel 4 Power		50.33	μW	-		
Average Power	50 μW ≤ P <sub>CHANNEL</sub> ≤ 60 μW	54.60	μW	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Median Power		54.75	μW	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Channel-to-channel uniformity (Single channel power relative to average channel power)	P <sub>CHANNEL</sub> ≤ ± 50% of P <sub>AVERAGE</sub>	-		-		Power Meter
Channel 1 % of Average Power		107.3	%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Channel 2 % of Average Power		101.5	%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Channel 3 % of Average Power		99.1	%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Channel 4 % of Average Power		92.2	%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Quality Check Description	Result Pass/Fail		Timestamp
Ground Continuity / Presence Detection / High Potential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1/1/0001 12:00:00 AM
Calibration Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/9/2022 11:16:44 AM
QC Power Meter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/14/2022 8:02:05 AM
Initial Power (%)	87.40 %		2/9/2022 11:16:44 AM

### 48 Hour Burn-In Summary

