

## 785nm 1500mw laser Datasheet --- Civillaser

Model Number	DL-785-1500-T2
Serial Number	201026-R441341
Test Date	2020-10-26



[www.Civillaser.com](http://www.Civillaser.com) English

[www.CivilLasers.com](http://www.CivilLasers.com) 日本語

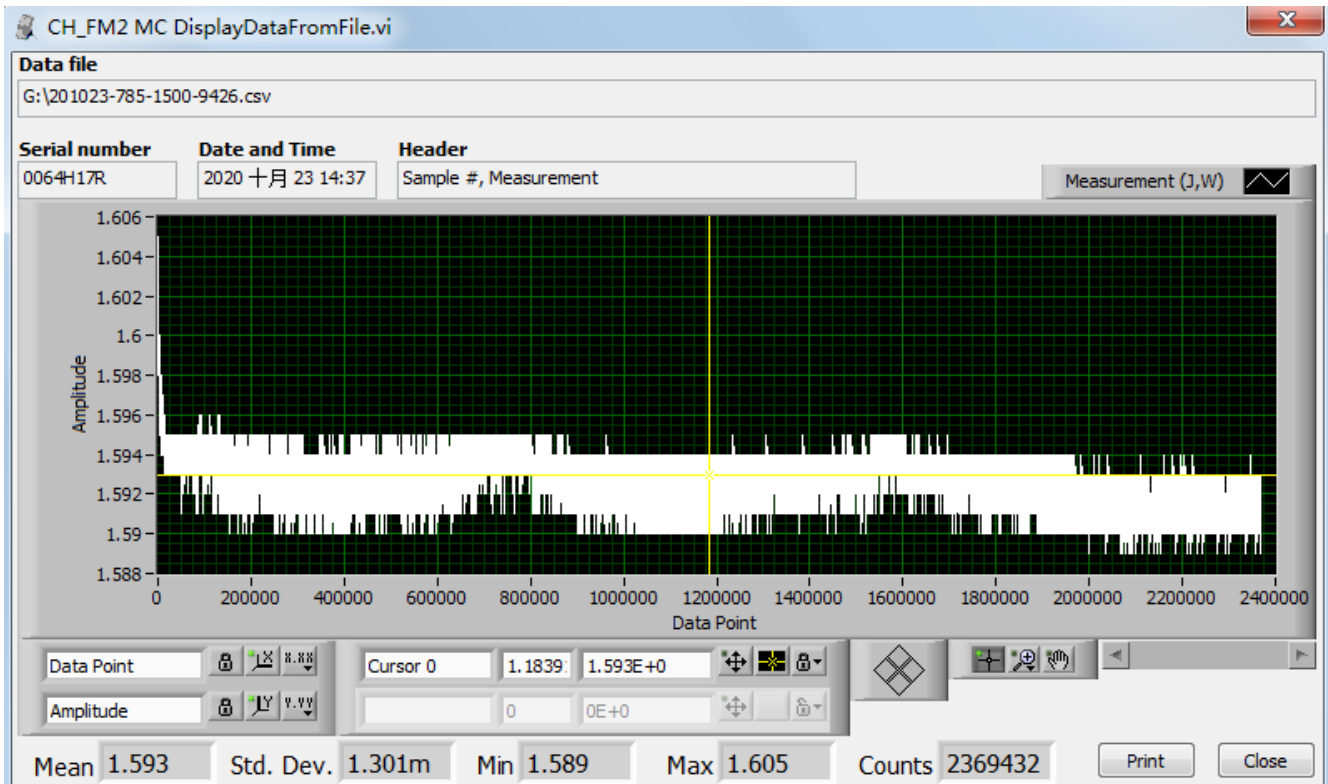
The laser head and power supply have the same S/N number, don't mismatch.

### 1. Specifications (Test Results after 5 Min. warm-up time)

Output characteristic		
1.1	Output Power	1593mW
1.2	Output Wavelength(785+/-5nm)	781.4nm
1.3	Warm up time:	<5 minutes
1.4	Power Stability	<3% per 4hours
Beam characteristic		
2.1	Beam Diameter	5*5mm
2.2	Beam Divergence	<6mrad
Operating condition		
3.1	Operating voltage	90~240VAC
3.2	Operating Temperature:(housing temperature)	0°C~40°C
Laser Packaging		
4.1	Laser Driver	ADR-1805

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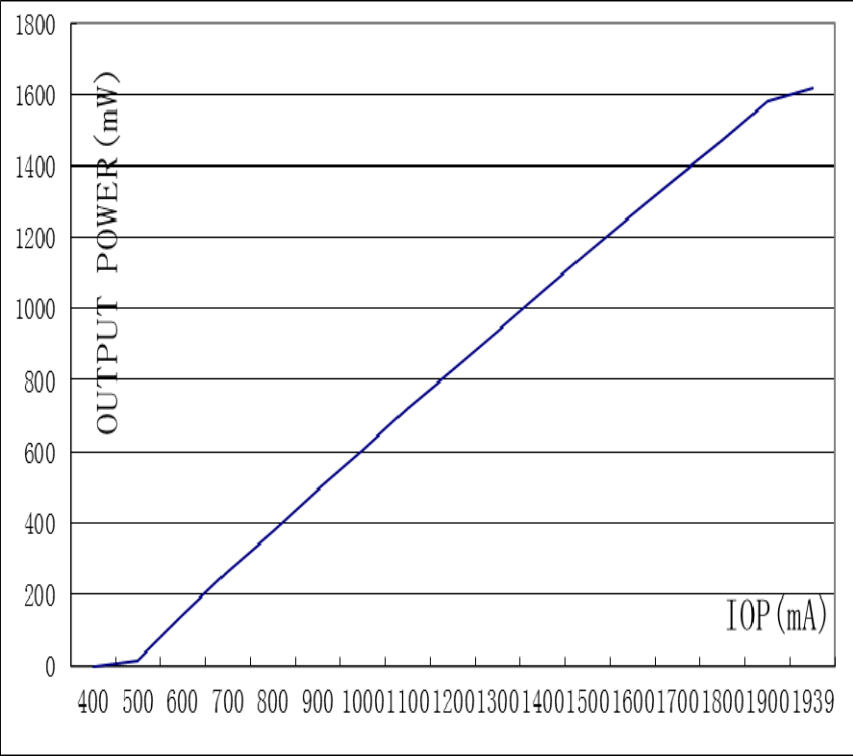
### 2. Laser output power stability(65hours)



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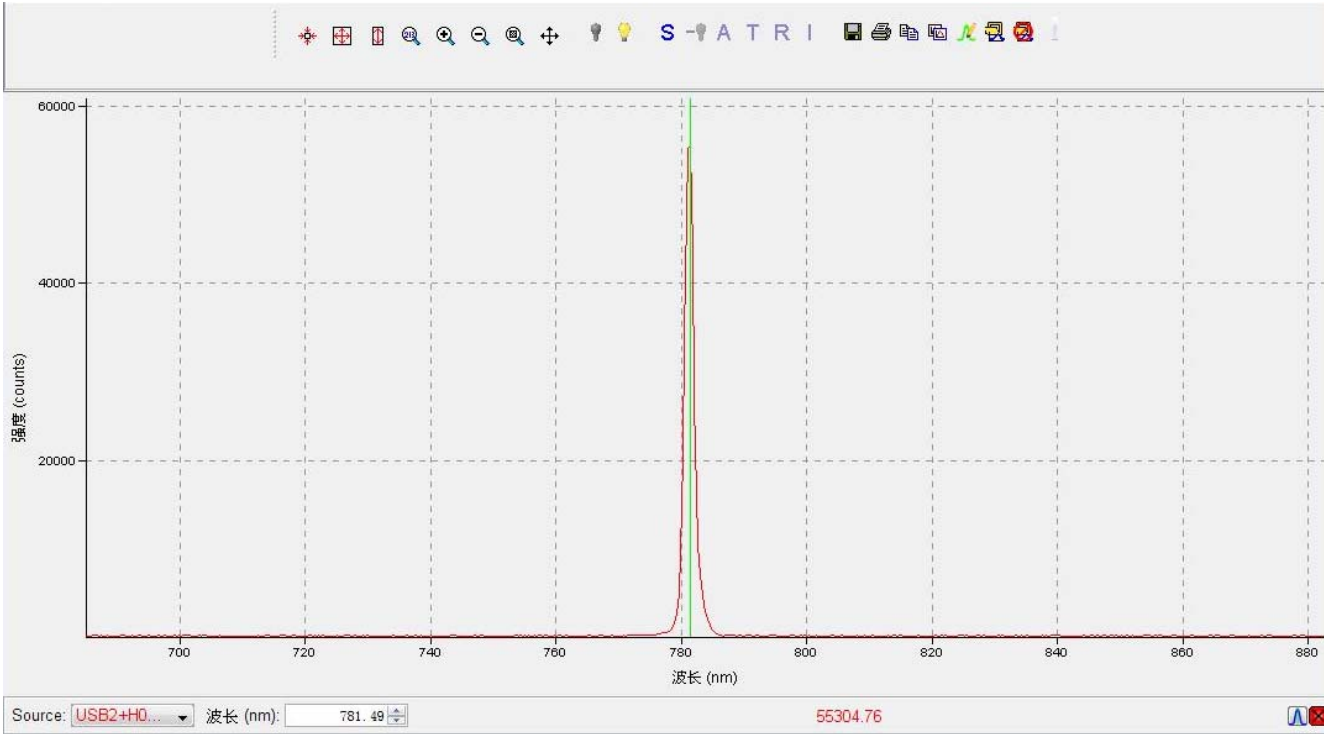
3. Laser power vs operating current

IOP (mA)	OUTPUT POWER (mW)
400	0
500	15
600	145
700	262
800	376
900	491
1000	606
1100	719
1200	830
1300	936
1400	1047
1500	1155
1600	1263
1700	1368
1800	1474
1900	1579
1939	1619



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4. Laser Spectrum



Test By: