

1309019 Genesis Taipan HD 639-2000 STM OPSLaser-Diode Head (OEM)

Serial #: R513556CJ429

Manufacture Date: 02-Nov-2017

Integration Set-Points

Maximum Power: 2W

Absolute Maximum Current: 28 A

Threshold Current: 13 A

Photocell Calibration (Pump): 56.9 $\mu\text{A/W}$

Case Temperature: 20°C (12.31 k Ω)

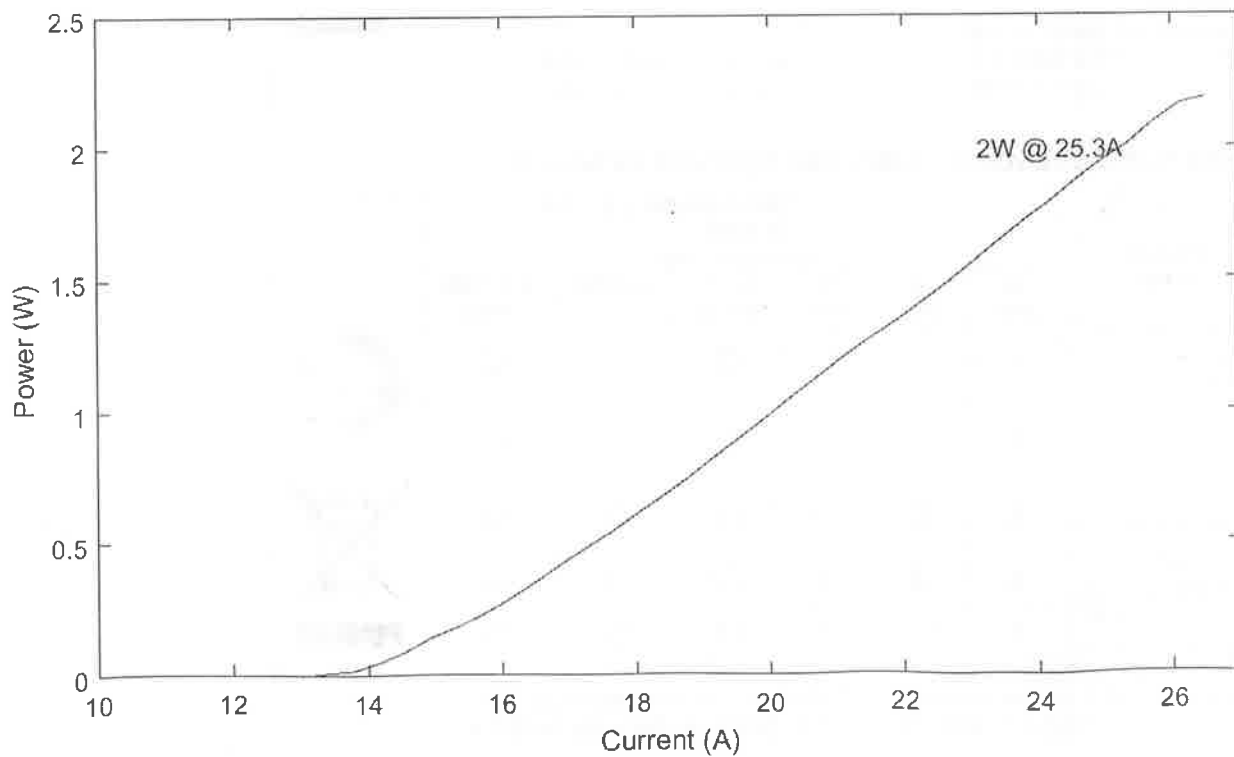
BRF Temperature: 40°C (5320 Ω)

LBO Temperature: 40.4°C (5240 Ω)

Output Characteristics

Wavelength: 639.6 nm

Beam Parameters:	x	y
M^2	1	1
Waist Position(m)	0.9	1
Diameter (mm)	0.7	0.8
Divergence (mrad)	1.1	1.1



1309019 Genesis Taipan HD 639-2000 STM OPSLaser-Diode Head (OEM)

Serial #: R513564CJ442

Manufacture Date: 02-Nov-2017

Integration Set-Points

Maximum Power: 2W

Absolute Maximum Current: 23 A

Threshold Current: 12.1 A

Photocell Calibration (Pump): 23.2 $\mu\text{A/W}$

Case Temperature: 20°C (12.31 k Ω)

BRF Temperature: 40°C (5320 Ω)

LBO Temperature: 40°C (5320 Ω)

Output Characteristics

Wavelength: 639.5 nm

Beam Parameters:	x	y
M^2	1	1
Waist Position(m)	0.9	1
Diameter (mm)	0.7	0.8
Divergence (mrad)	1.2	1.1

