

General Information:

01	Order Number	VB.09.1196/1
02	Customer	TPI Inc.
03	Institute / Company	Harvard University

Laser Head:

04	ID-Nr.:	BOOSTA_1V2_00112
05	Firmware:	3.18
06	Status:	000

Laser Diode:

07	ID-Nr.:	TA_0940_0077
08	Maximum Current:	1200 mA
08a	Polarisation of the fundamental Laser beam (relative to base plate) = perpendicular	

Set Parameter:

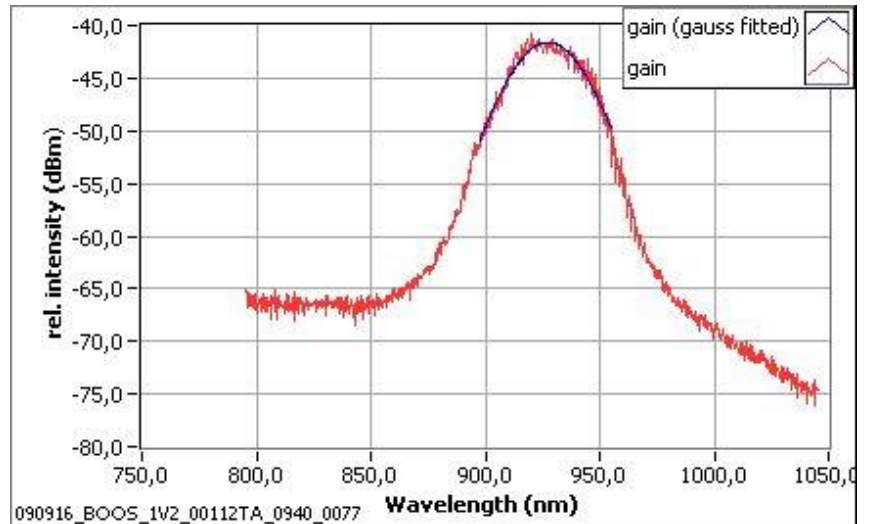
09	Operating Current:	1145 mA @ 40 mW Injection Power
09a	Output Power:	500 mW
10	Operating Temperature:	22,00 °C
11	Test Wavelength:	943 nm

Comments:

Free-Running Amplifier

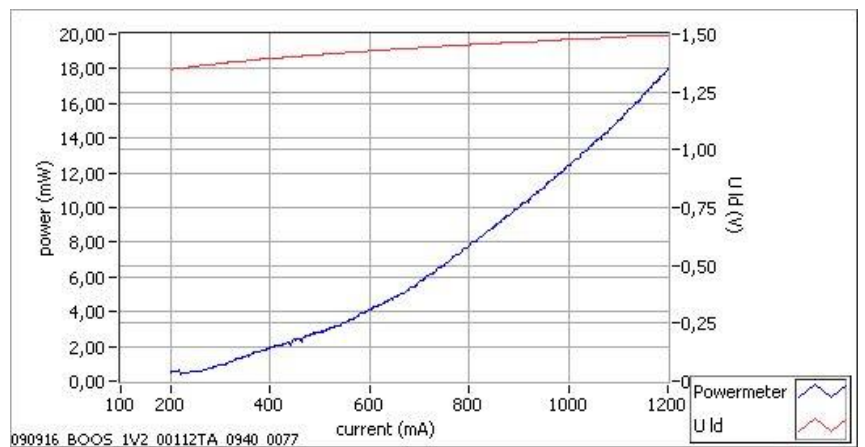
ASE Spectrum

- 12 Temperature
22,00 °C
- 13 Peak Wavelength
940 nm
- 14 Current
1145 mA



Iop - Pout Characteristic

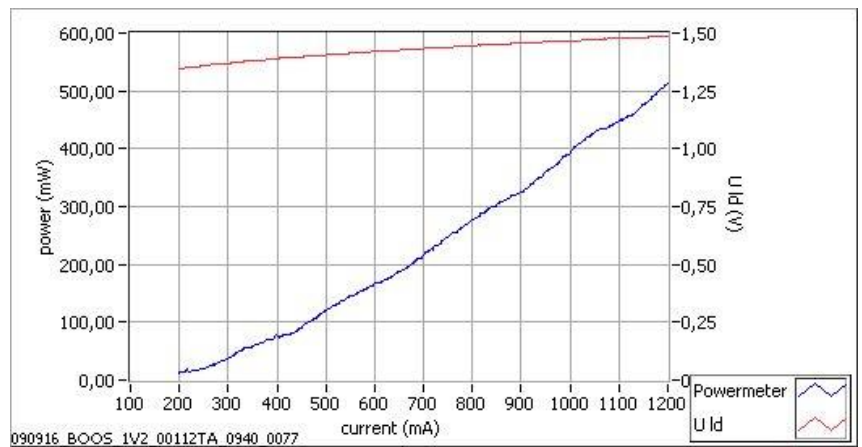
- 15 Max. Output Power
18 mW
- 16 Set Temperature
22,00 °C
- 17 Max. Current
1200 mA



Injected Amplifier @ 943 nm

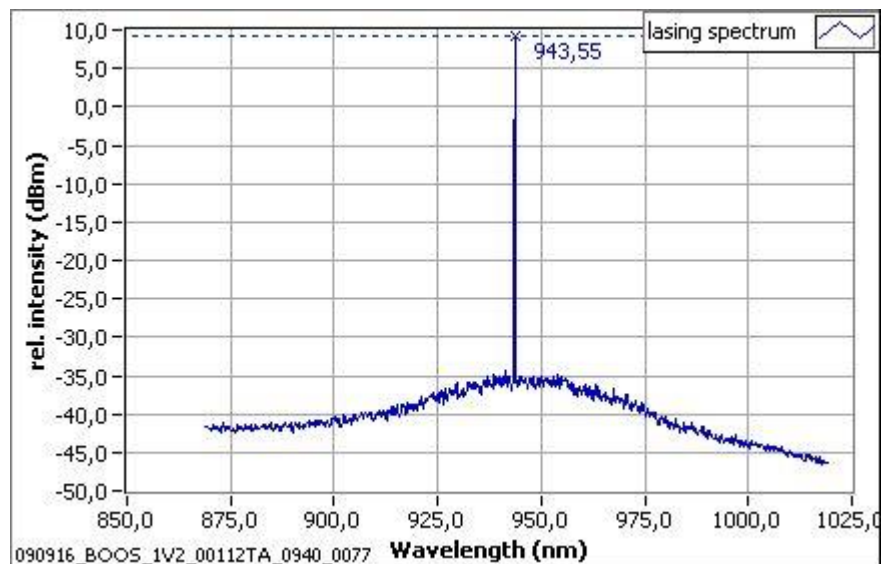
lop - Pout Characteristic (@ 40 mW Injection Power)

- 18 Max. Output Power
500 mW
- 19 Set Temperature
22,00 °C
- 20 Injection Power
40 mW
- 21 Max. Current
1200 mA



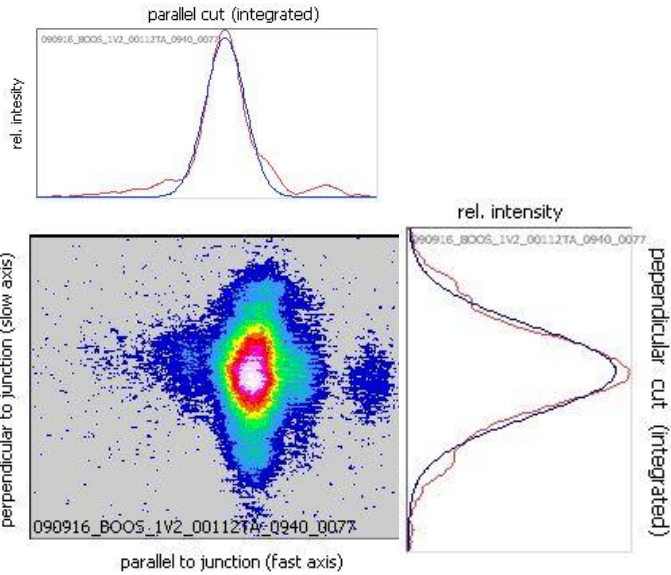
Optical Emission Spectrum:

- 22 ASE Suppression:
44 dB
- 23 Test Wavelength:
943 nm
- 24 Operating Current:
1145 mA
- 25 Operating Temperature:
22,00 °C



Beam Profile

- 26 Operating Current
1145 mA
- 27 Operating Temperature
22,0 °C



Persons Responsible

- | | | | |
|----|-------------|-------|-----------------|
| 28 | Production | _____ | Date: 17.9.2009 |
| 29 | Final Check | _____ | Date: 17.9.2009 |

