



Pump Module Data Sheet

Serial Number
Product Code
Chip ID

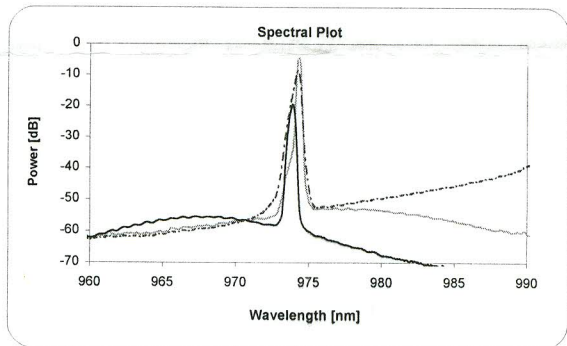
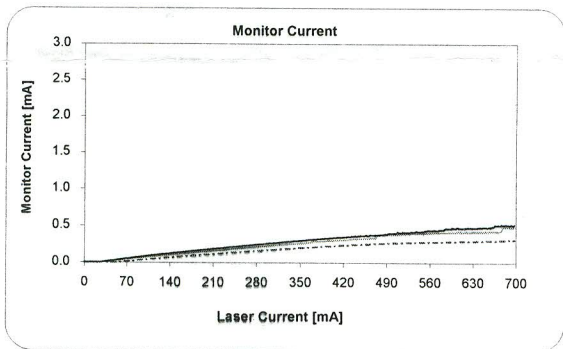
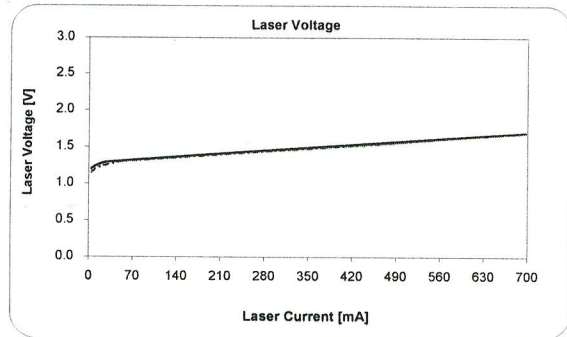
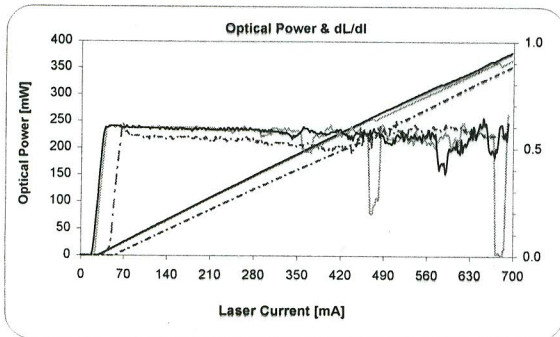


U580257.001
LU974P-R
79820Z-V0320

Operating Power (mW) 210
Operating Current (mA) 395.61

Case temperature 25°C, unless stated otherwise

	0°C	25°C	70°C
Kink-free Current (mA)	696.10	469.70	698.10
Kink-free Power (mW)	376.70	251.60	352.60
Spectral Power In Band	0.99	1.00	0.94
Threshold Current (mA)	27.10	31.10	55.10
Forward Voltage @ 550mA (V)	1.61	1.60	1.60
Monitor Responsivity ($\mu\text{A}/\text{mW}$)	1.73	1.51	1.40
RMS Centre Wavelength (nm)	973.89	974.34	974.19
RMS Spectral Width @ -13dB (nm)	0.20	0.20	0.20



0°C ——— 25°C 70°C - - - - -

Fibre Power vs. Forward Current, 70degC case temperature

Fibre Power (mW)	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
Forward Current (mA)	239.4	257.4	275.4	295.4	313.5	333.5	351.5	371.6	391.6	411.7	431.6	451.7	467.7	485.8	505.8	521.8
Fibre Power (mW)	260	270	280	290	300											
Forward Current (mA)	539.8	555.9	573.9	589.9	605.9											

Date and Time 26 Jun. 2011 21:18:29
Node 574
Operator ID DH
Software Version 3.04.54

