

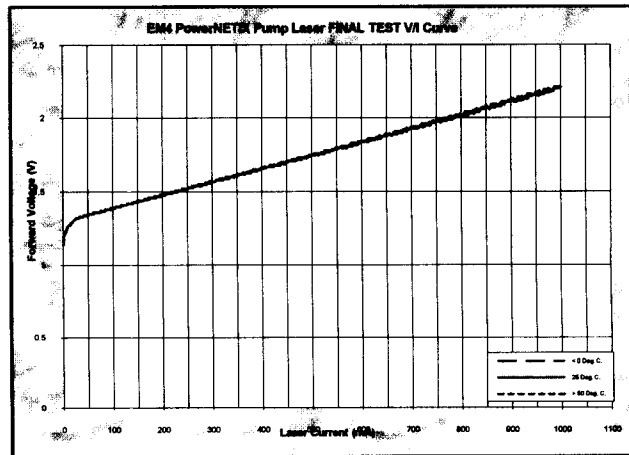
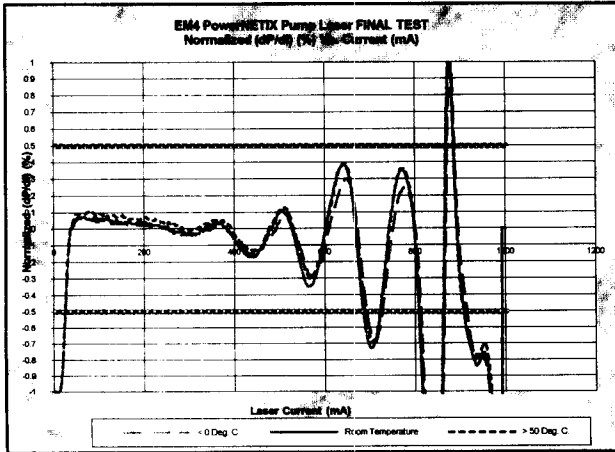
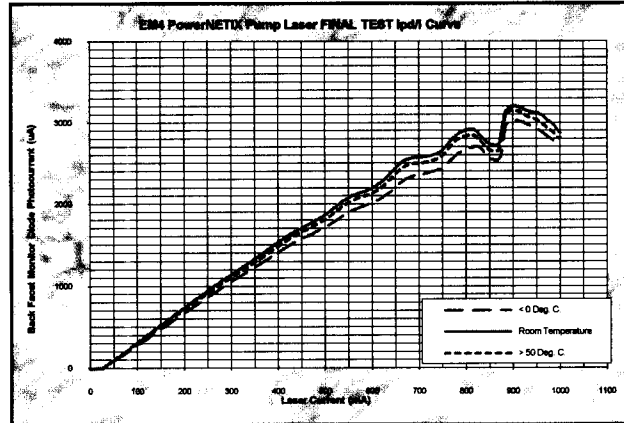
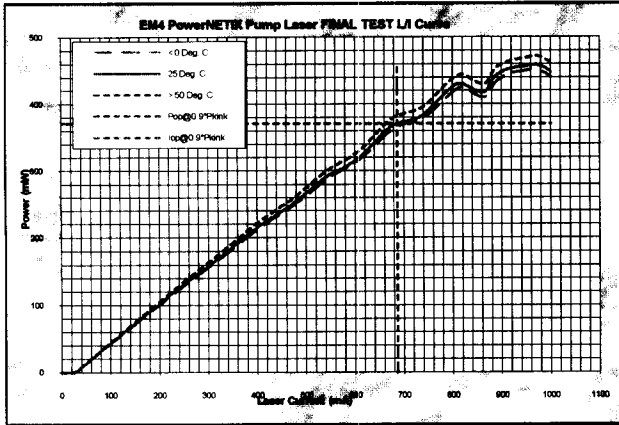


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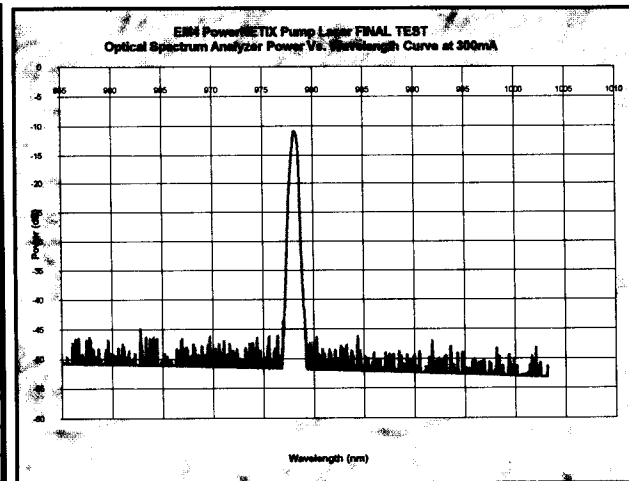
Chip Serial #
Module Serial #

NA Time and Date of Test
D08070003

1:55 PM on 7/18/2008



Case Temperature	-20.0	25.0	75.0	Deg. C.
Device Temperature	24.9	24.8	25.2	Deg. C.
Ppink	369	371	383	mW
Ipink	694	686	688	mA
Drive Current at 500mW	1001	1001	1001	mA
Pop = 0.9 * Ppink	332	334	345	mW
Iop @ 0.9 * Ppink	634	630	630	mA
Vop @ 0.9 * Ppink	1.86	1.86	1.87	V
Ipd @ 0.9 * Ppink	2141	2325	2259	uA
Threshold Current	25.7	25.7	25.8	mA
Slope Efficiency @ 0.9 * Ppink	0.56	0.55	0.57	mW/mA
Slope Efficiency @ 300mA	0.55	0.56	0.57	mW/mA
TEC Current @ 0.9 * Ppink	-350	241	1198	mA
TEC Voltage @ 0.9 * Ppink	-0.81	0.33	2.38	V
Center Wavelength @ 0.9 * Ppink	978.3	978.4	978.4	nm
Center Wavelength @ 300mA	978.2	978.2	978.3	nm



Calibration EM4 maintains a comprehensive instrumentation maintenance, test, and calibration program. Calibration services are provided by the original instrument manufacturers or independent calibration laboratories, as appropriate. All measurements are based on currently calibrated instruments, and are traceable to the U.S. National Institute of Standards and Technology (NIST).

Repeatability Measurements of the fiber Bragg grating (FBG) stabilized sources are subject to variations in LI and Ipd due to changes in the orientation (coiling, bending, etc.) of the fiber between the source and the FBG. In order to best reproduce the recorded data, the user should orient the fiber pigtail so as not to exceed +/- 10% of the Ipd recorded for the specified operation drive current, Iop.