

QCL-10.53-DFB-B 10.53um 台式分布反馈式中远红外测试光源测试报告

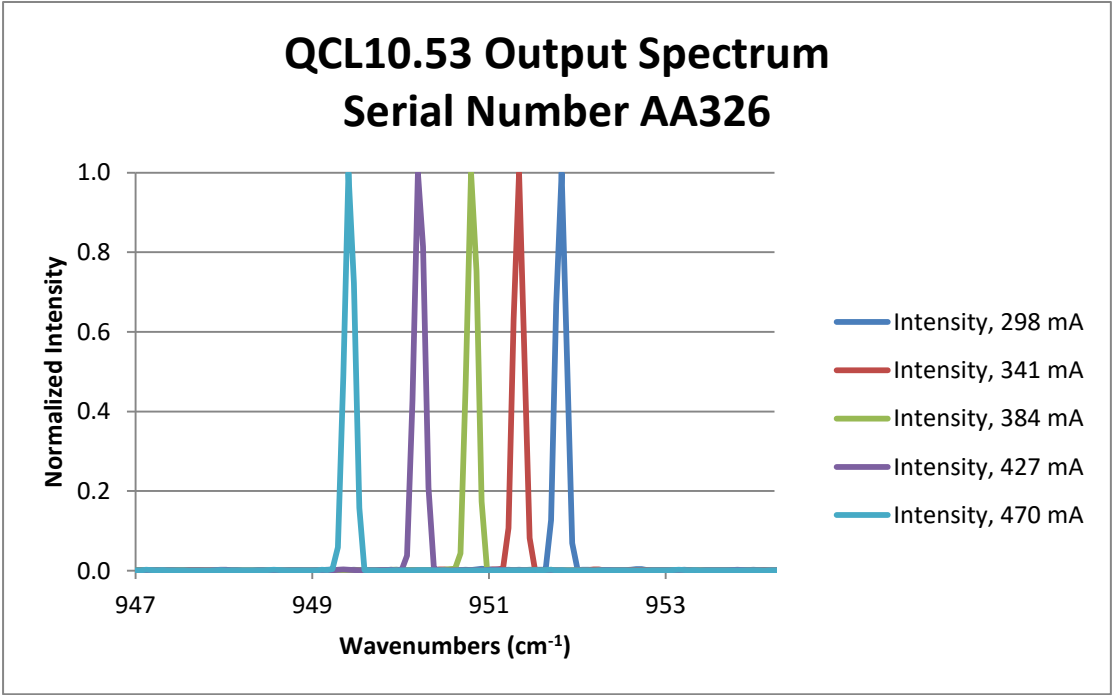
Item #	QCL-10.53-DFB-8
Serial #	AA326

测试条件:

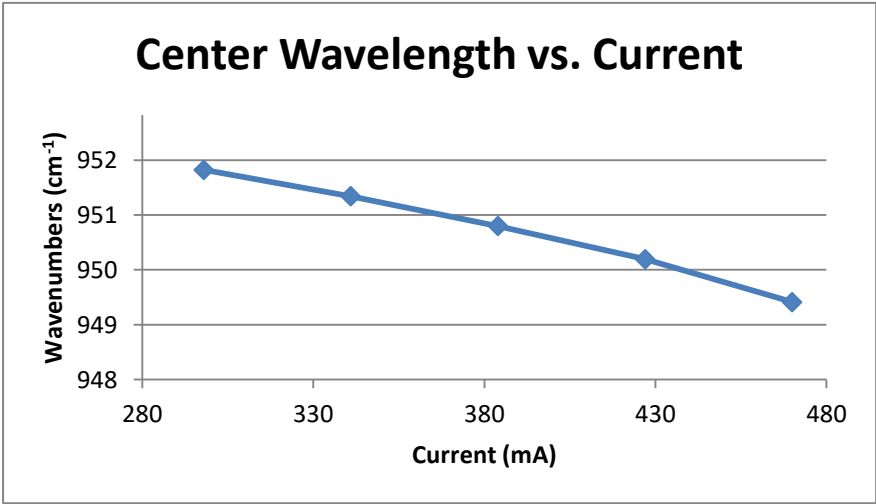
测试温度: 25℃

测试最大电流: 475mA

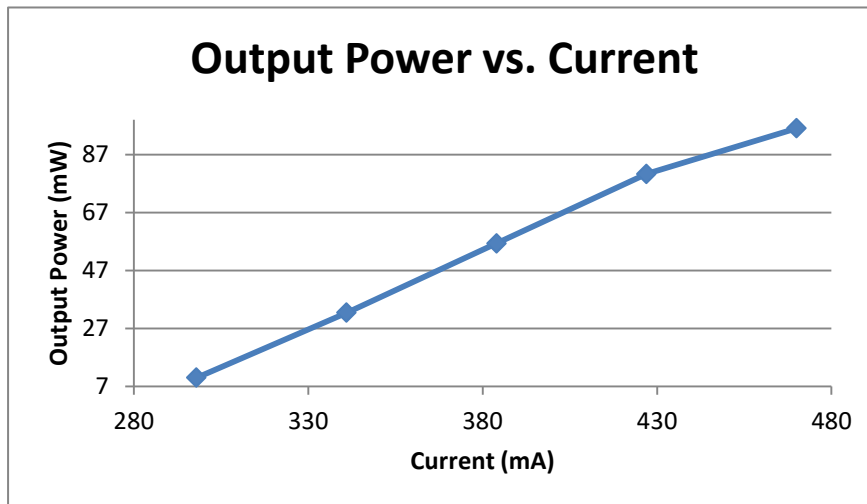
测试光谱图:



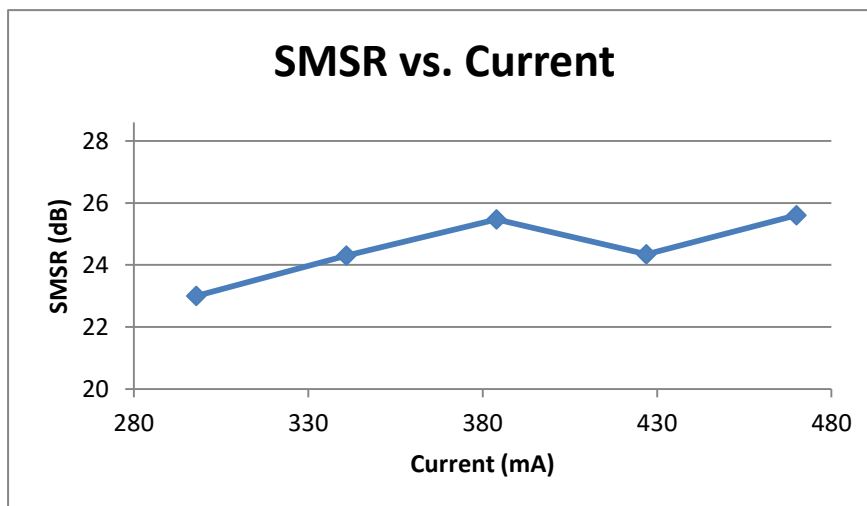
中心波长和电流曲线图



输出功率和电流曲线图:



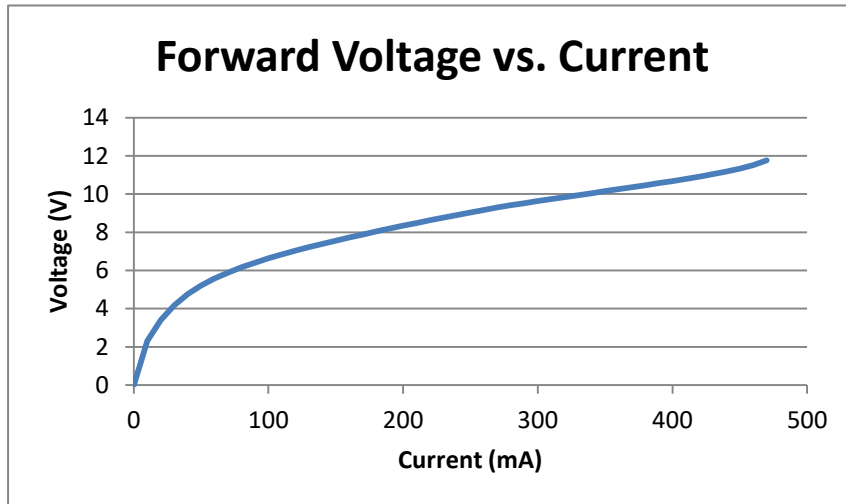
边模抑制比和电流的曲线图



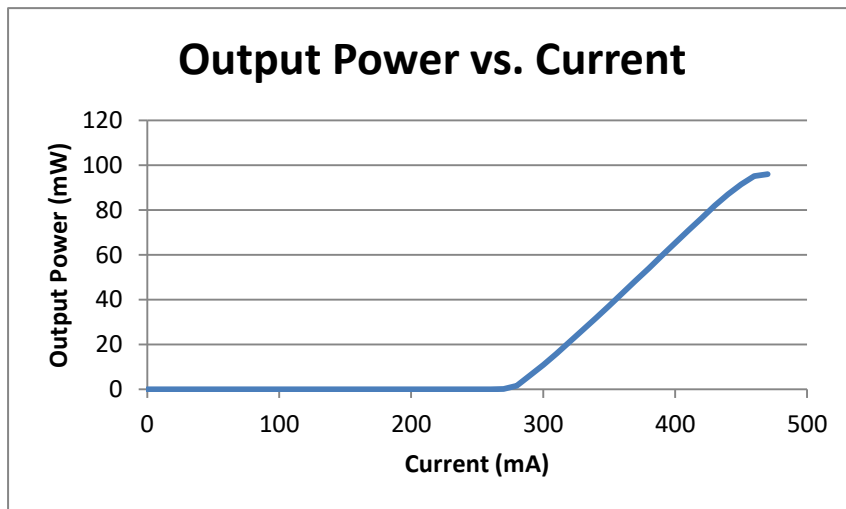
数据表:

Current (mA)	Wavenumbers (cm ⁻¹)	Output Power (mW)	SMSR (dB)
298.00	951.822	9.94	23.27
341.00	951.339	32.36	24.57
384.00	950.797	56.30	25.74
427.00	950.194	80.26	24.62
470.00	949.411	96.02	25.88

电压电流曲线图:



功率驱动电流曲线图：



远场测试 (All data is taken at 25 °C after burn-in. The far field measurement was obtained at 89.4 mm from the facet.) :

