









Input Power (mW)	P_{in}^2	P_{out} (μ W)	Single Pass Efficiency (P_{out}/P_{in}^2)
30.3	918.09	2.6	0.002831966
19.4	376.36	1.56	0.004144968
26	676	2.3	0.003402367
50	2500	6.96	0.002784
90	8100	20.6	0.00254321
143	20449	49.2	0.002405986
197	38809	91	0.002344817
252	63504	147	0.002314815
298	88804	203	0.002285933
329	108241	248	0.002291184
340	115600	266	0.002301038
Average			0.00269548

Temp ($^{\circ}$ C)	P_{out} (μ W)
55	9.9
56	11.2
57	15.8
58	31.4
59	40
59.6	72.3
59.8	95
60	120
60.2	148
60.4	178
60.6	208
60.8	233
61	253
61.2	263
61.3	266
61.4	261
61.6	252
61.8	230
62	205
62.2	169
62.4	139
62.6	105
62.8	75
63	51
64	10.7
65	17.4

Wavelength (nm)	Optimal Temp ($^{\circ}$ C)
1055.33	70.3
1055.232	68.7
1055.077	66.2
1054.929	63.8
1054.764	61.3
1054.612	58.7
1054.603	58.6
1054.461	56.2
1054.293	53.4
1054.135	50.7
1053.817	46.2
1053.675	42.8
1053.354	37.2
1053.05	31.7
1052.896	29