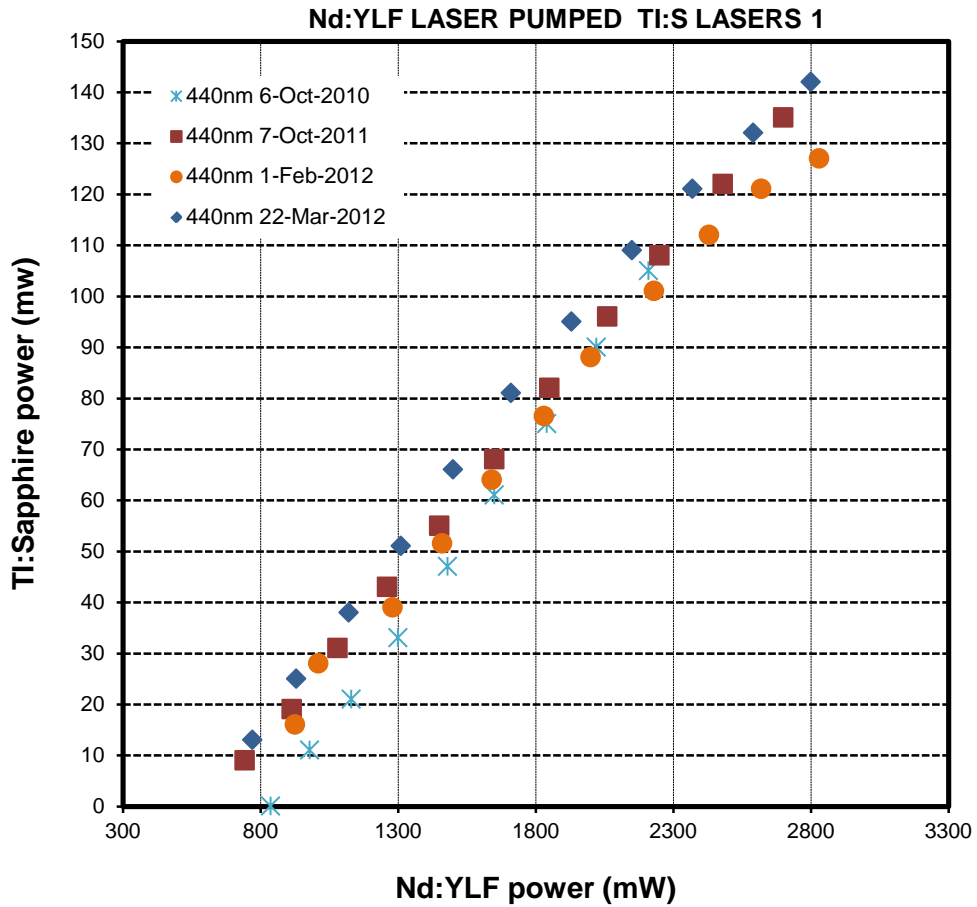
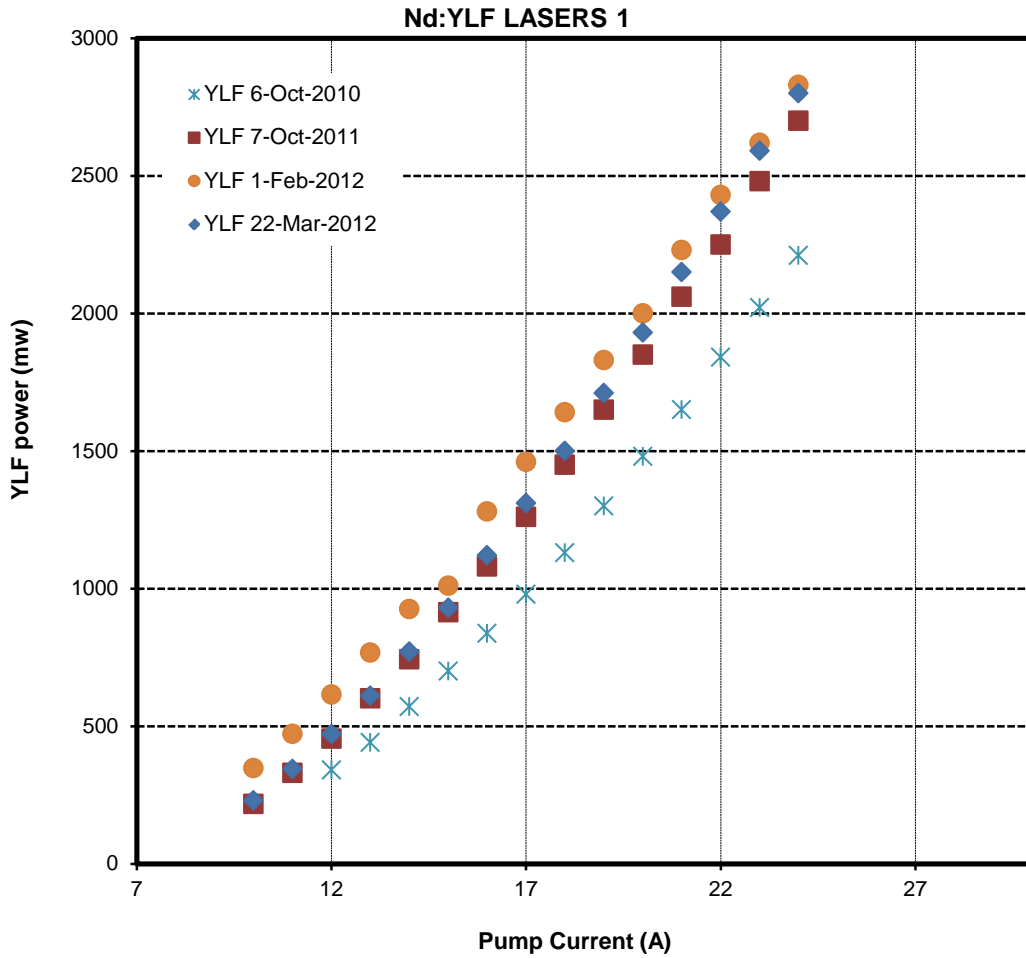


Laser1

tuning after new LBO YLF



Current A	YLF 22-Mar- 2012	440nm 22-Mar- 2012
7		
8		
9		
10	230	
11	343	
12	470	T 12.5A
13	610	
14	770	13
15	930	25
16	1120	38
17	1310	51
18	1500	66
19	1710	81
20	1930	95
21	2150	109
22	2370	121
23	2590	132
24	2800	142

FWHM = 22 jitter = 1.8ns

12% T mirror

2) + Qswitch

CW ok . T(IR) =
9.1A

RF ON, no PRF: Hold off OK

CW

A	power W
10	1.1
15	14
20	30.6

1KHz:

A	power W
10	1.1
15	7
20	14.3
25	22.6

4) + Ht/Hr CW

A	power W
10	1.3
15	14.7
20	31.4

T(IR) = 8.6 A

rotating LBO 45degree help. Before no green light.

4) + LBO CW

A	power W
10	1.5

5) 1KHz

A	power (W)
10	0.4
15	7
20	14.7