

PL Before contact

$\lambda = 532 \text{ nm}$   
 $P \sim 100 \mu\text{W}$   
Obj: 100x

0.9  $\mu\text{m}$

1  $\mu\text{m}$

PL after contact

$\lambda = 532 \text{ nm}$   
 $P \sim 200 \mu\text{W}$   
Obj: 50x