

### saturation excitation

reflection counts (/us)

0.3

F=2

fit

0.25

0.2

0.15

0.1

0.05

0

0

20

40

60

80

100

120

140

power (pW)

$P_{sat} = 28.3 \text{ pW}$

saturation count rate = 0.34 cts/us

spatial overlap = 0.043 ('tx~17.1

total detection eff = 0.0177

