

# Laser on Bath Mode

$\bar{A} = 9.75$

$\bar{B}2 = 13.00$

$A = 16.25$

FFT Power  
Fit

$\Omega/2\pi = 13\text{MHz}$   
 $\eta/2\pi = 0.2\text{MHz}$   
 $g_0 = 0.5\Omega$   
 $N = 5$   
noise = 0.6  
 $\eta_A = 5\eta$   
EOM range =  $1.20\Omega$  to  $1.30\Omega$   
EOM steps = 200  
excitation time = 2 lifetimes  
measurement time = 4 lifetimes  
on mode = -1  
laser detuning = 0  
num freq = 1  
total time = 0.006s  
randomize off time = yes

0 ( $12.999 \pm 0.007$ )

1 ( $16.244 \pm 0.026$ )

Frequency (MHz)

