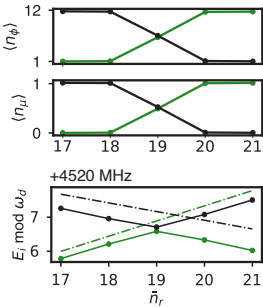


(a) $\omega_d/2\pi = 9.02\text{ GHz}$ (b) $\omega_d/2\pi = 9.05\text{ GHz}$ 