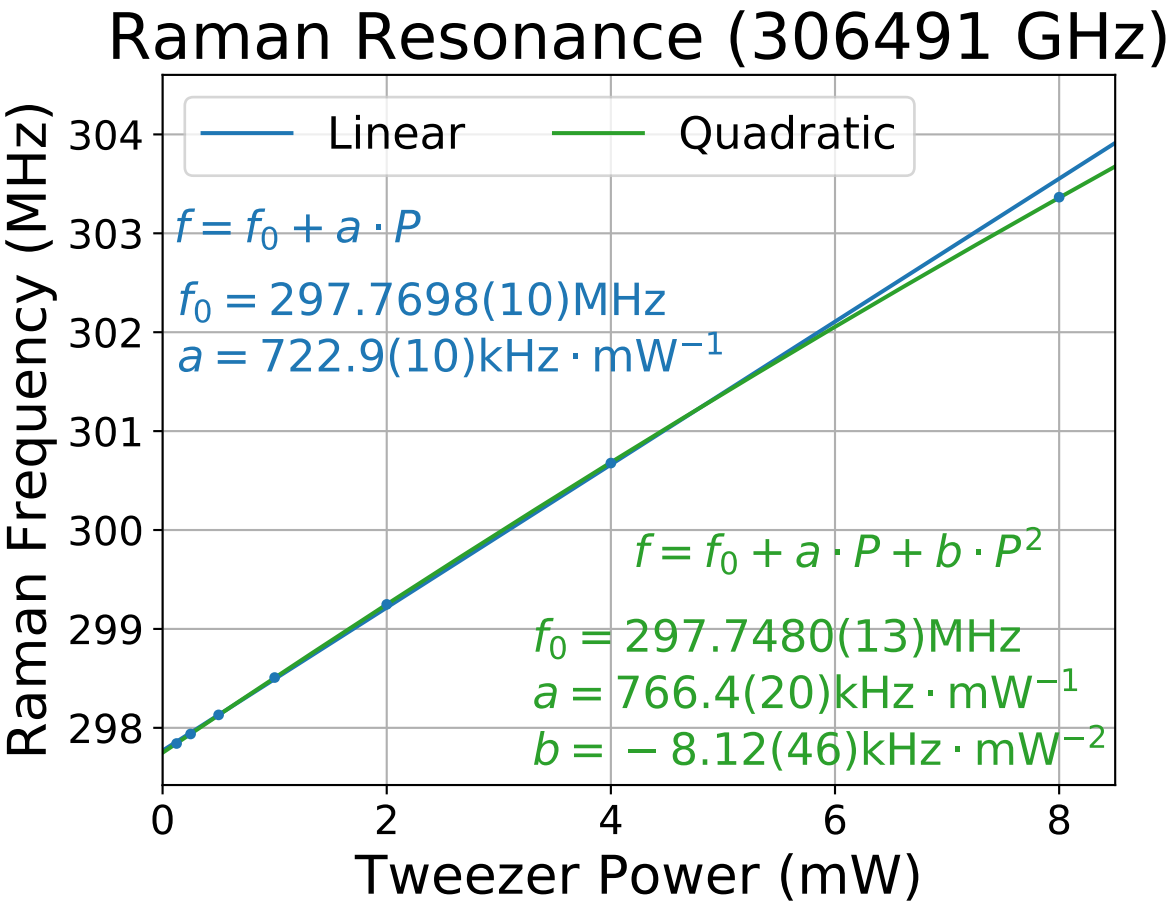
Raman Resonance (306491 GHz)
Linear
Quadratic
$f = f_0 + a \cdot P$
$f_0 = 297.7698(10)\text{MHz}$
$a = 722.9(10)\text{kHz} \cdot \text{mW}^{-1}$
$f = f_0 + a \cdot P + b \cdot P^2$
$f_0 = 297.7480(13)\text{MHz}$
$a = 766.4(20)\text{kHz} \cdot \text{mW}^{-1}$
$b = -8.12(46)\text{kHz} \cdot \text{mW}^{-2}$
Raman Frequency (MHz)
304
303
302
301
300
299
298
0
2
4
6
8
Tweezer Power (mW)