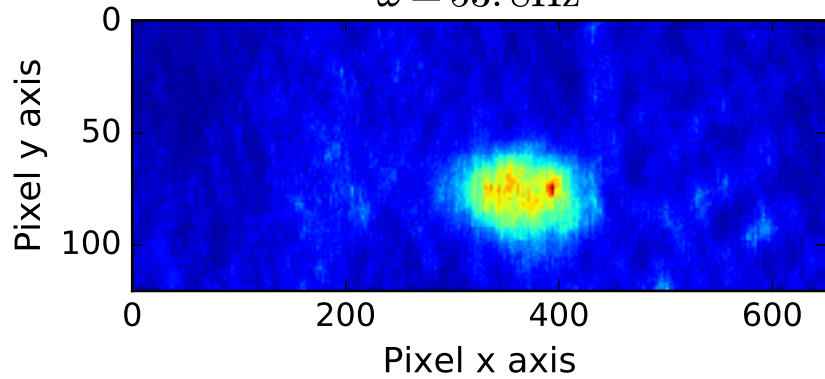
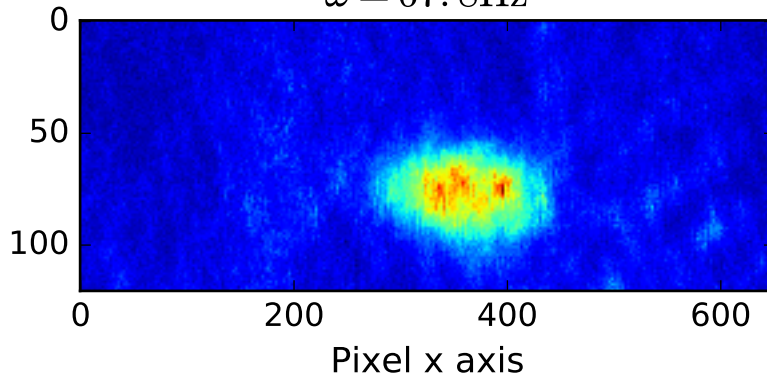


$\bar{\omega} = 53.8\text{Hz}$  $\bar{\omega} = 67.8\text{Hz}$  $\bar{\omega} = 119.8\text{Hz}$ 