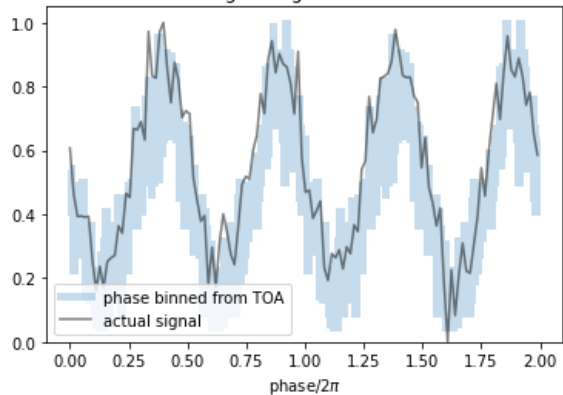


single photon time of arrival (ToA)

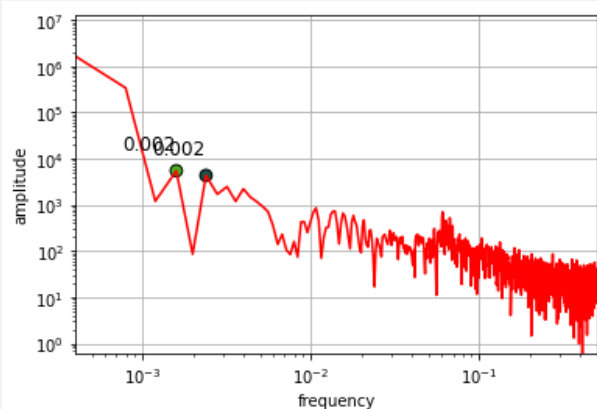


S/N = 100

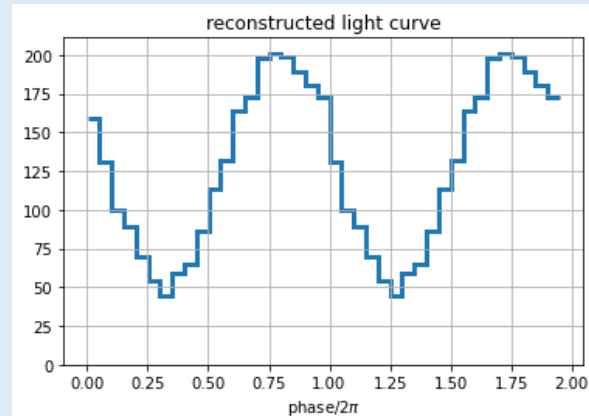
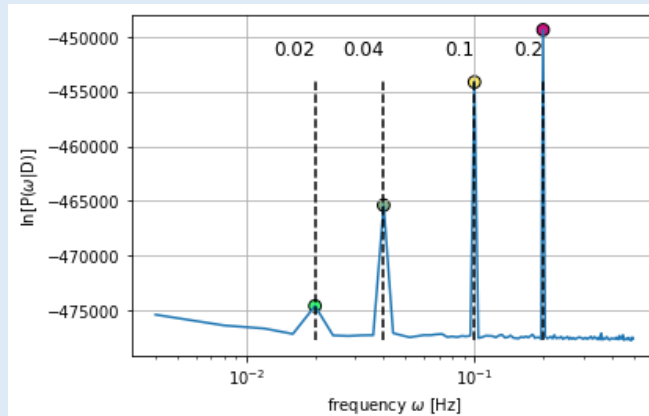
original signal $\omega = 0.1$



FFT



$$P(M_i|D) = \int P(D|M_i, \{Z\}) \prod_k P(Z_k) d\Omega_{\{Z\}} P(M_i)$$



S/N = 2

original signal $\omega = 0.1$

