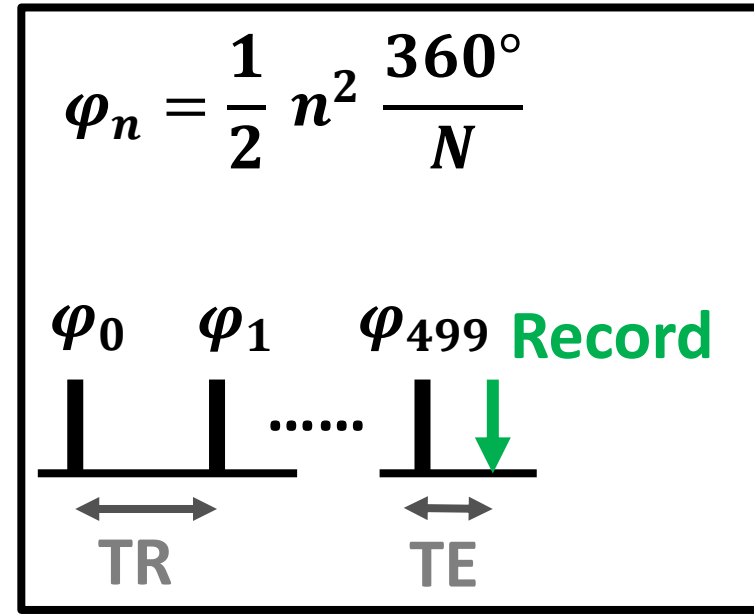
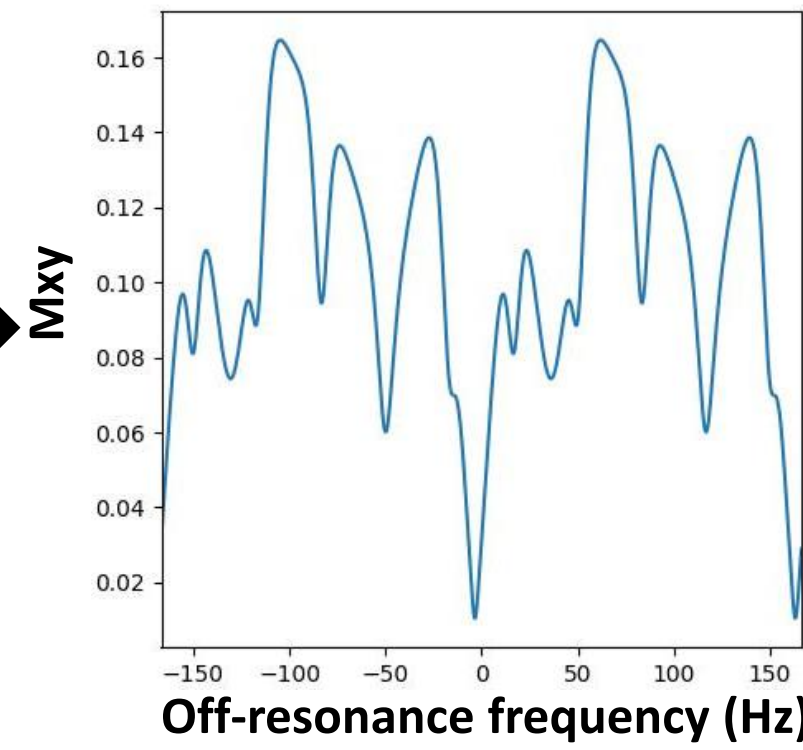


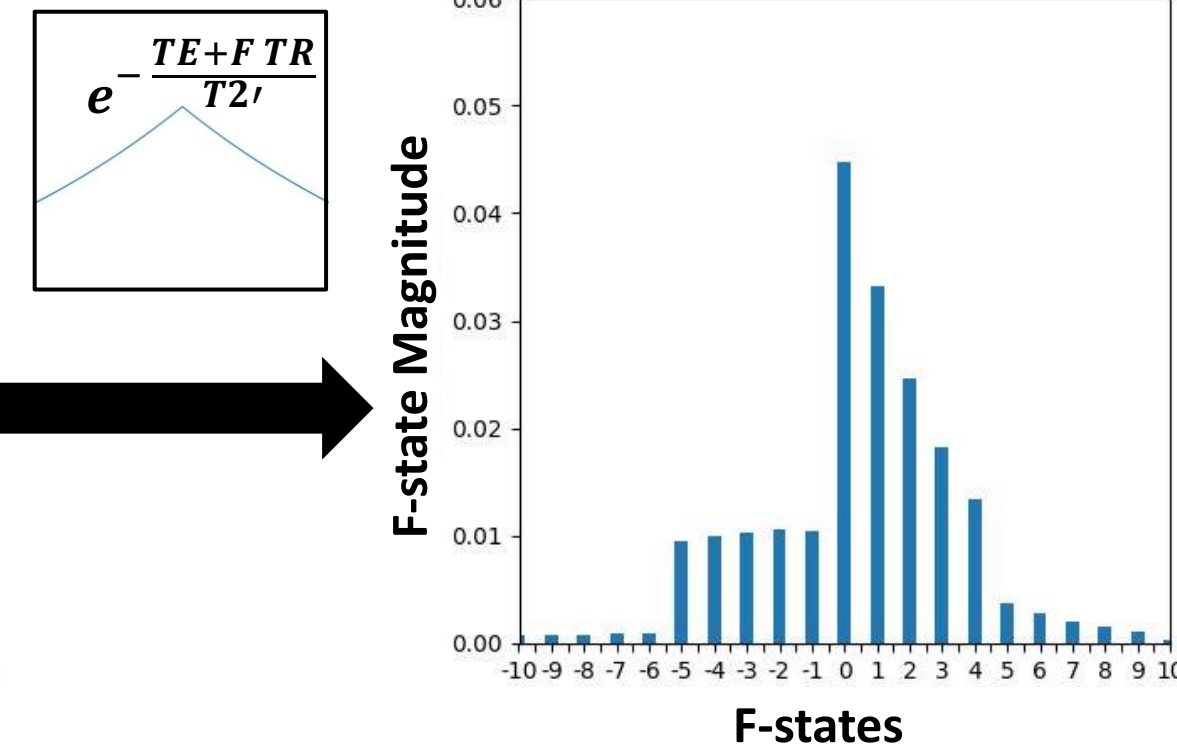
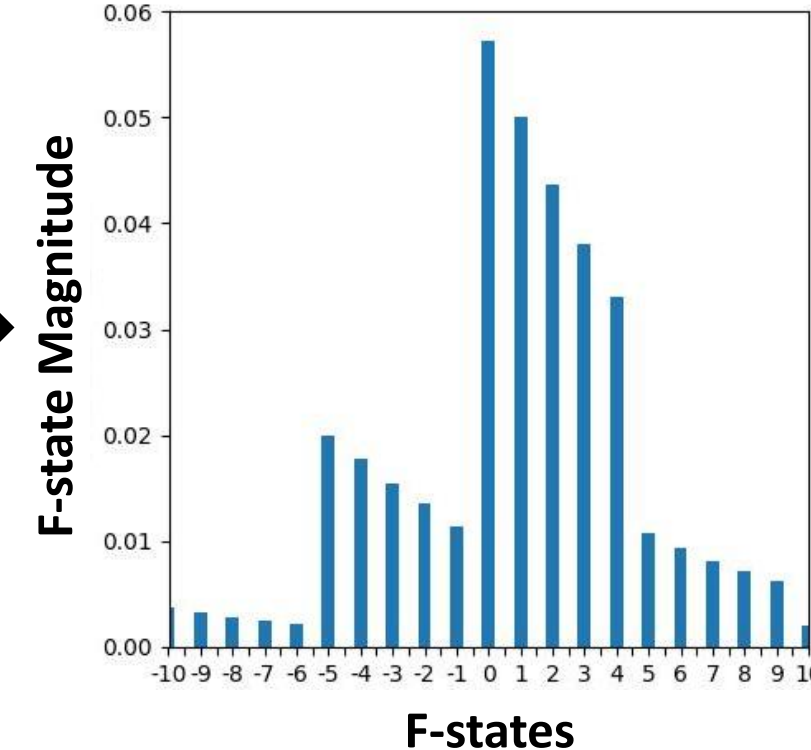
## N-periodic ka-SPGR sequence



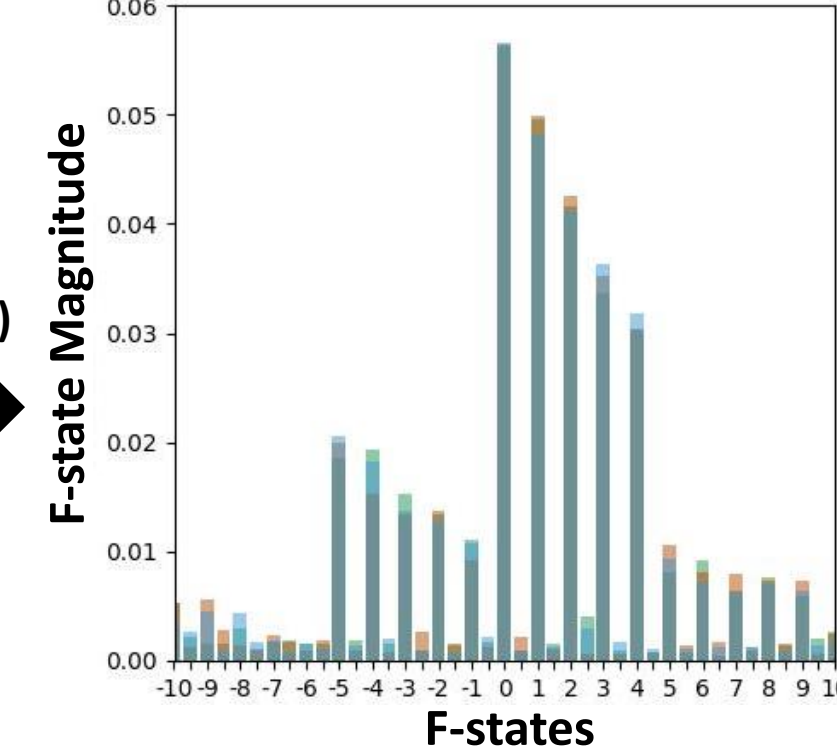
## Off-resonance Profile



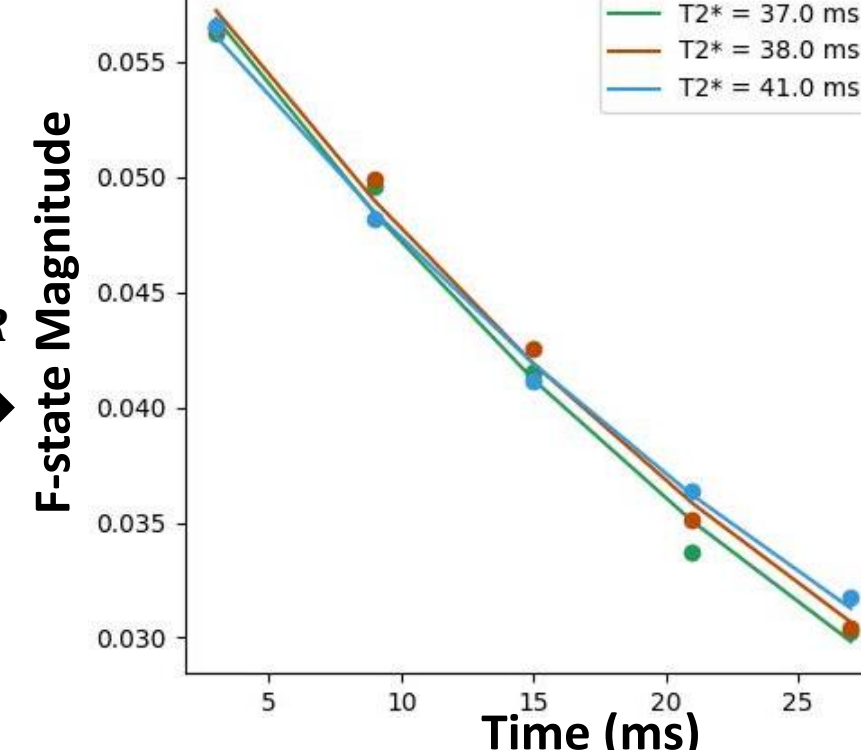
## F-state profile $\times$ F [Lorentzian]



$\text{rand}() + j \times \text{rand}()$



$t = TE + FTR$



Bloch Simulation

Model Field inhomogeneous

Model Noise

Measure T2\* (exponential fit)

Signal formation modelling

Signal acquisition modelling