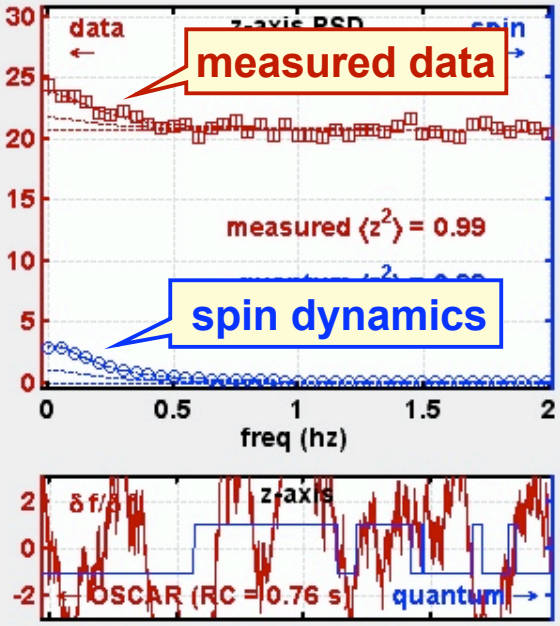
iOSCAR Simulation I: SNR = -11 db, T_1 = 760 ms, T_{av} = 13 hr

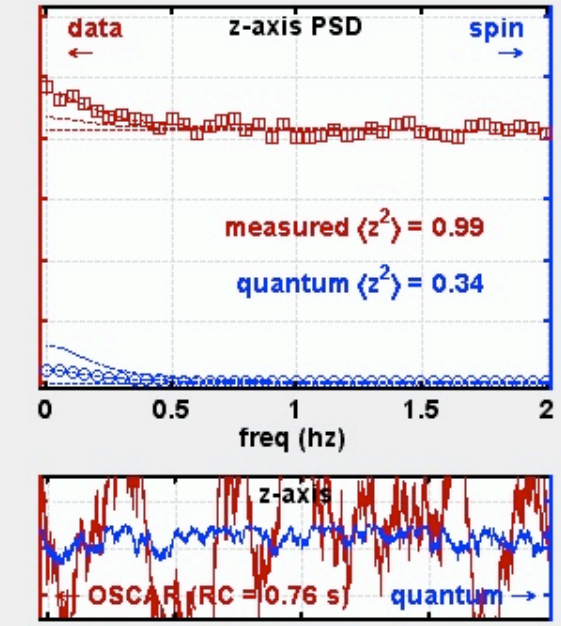
Case Ia: Batrachian reservoir



Batrachian notes

- Quantum jumps thermalize the spin
- Spin z-axis is quantized: z = ± 1
- Measured ⟨z²⟩ is unity

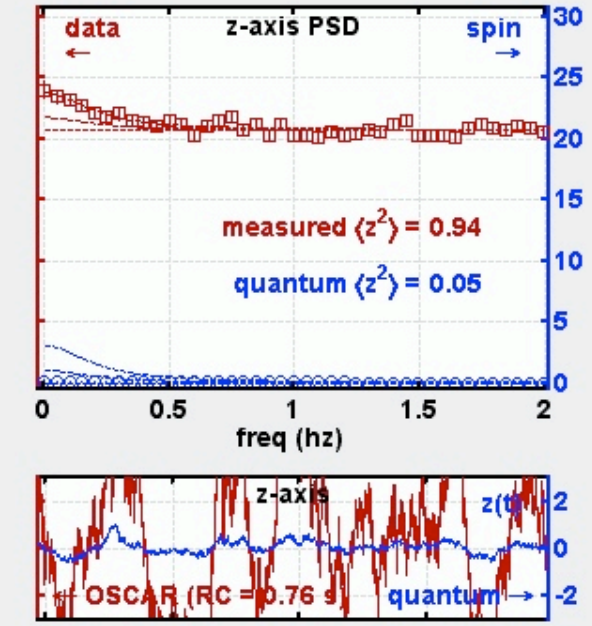
Case Ib: Ergodic reservoir



Ergodic notes

- Random fields thermalize the spin
- Spin z-axis is near-classical: ⟨z²⟩ ~ 1/3
- Measured ⟨z²⟩ is unity

Case Ic: Synoptic reservoir



Synoptic notes

- Measurement noise thermalizes the spin
- Spin z-axis is sub-classical: ⟨z²⟩ ~ 0.05
- Measured ⟨z²⟩ is unity