

QISKIT LEVEL 12

Qiskit Aer: Pulse simulation of a backend model

Imports

Construct model from backend

- Instantiate mock backend
- Manually override Hamiltonian parameters
- Generate model from backend

Run Rabi experiments and fit π -pulse amplitude

- First, construct Rabi experiment schedules:
- Run the simulation:
- Generate the Rabi oscillation plot and find the π -pulse amplitude: