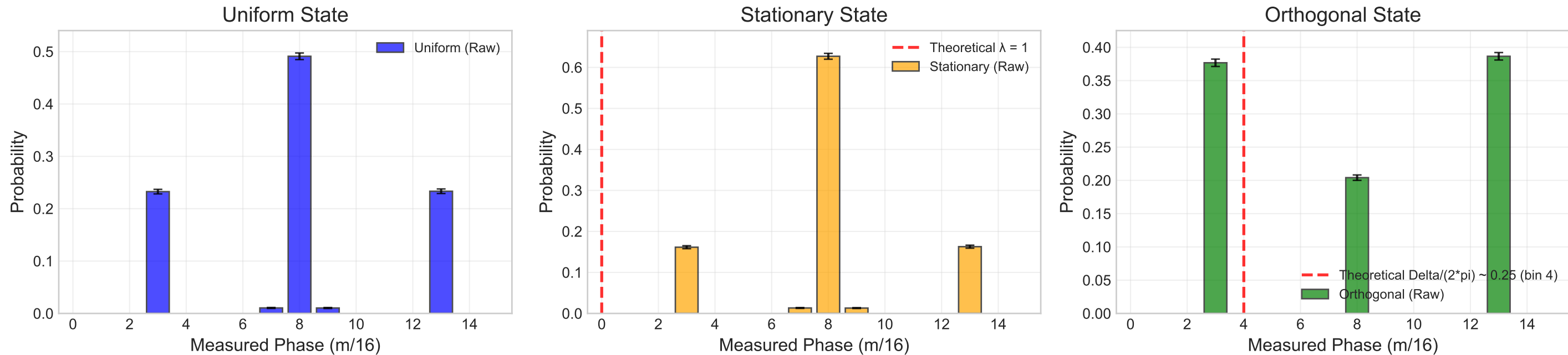QPE Ancilla Distributions (s = 4, 16 bins, 4096 shots × 3 repeats) on aer_simulator

Phase estimation results showing:
* Uniform: broad distribution over all bins
* Stationary: peaked at m = 0 (phase = 0)
* Orthogonal: peaked at m ~ 4 (phase ~ 0.25 turns)
Error bars show 1-sigma Poisson uncertainty.