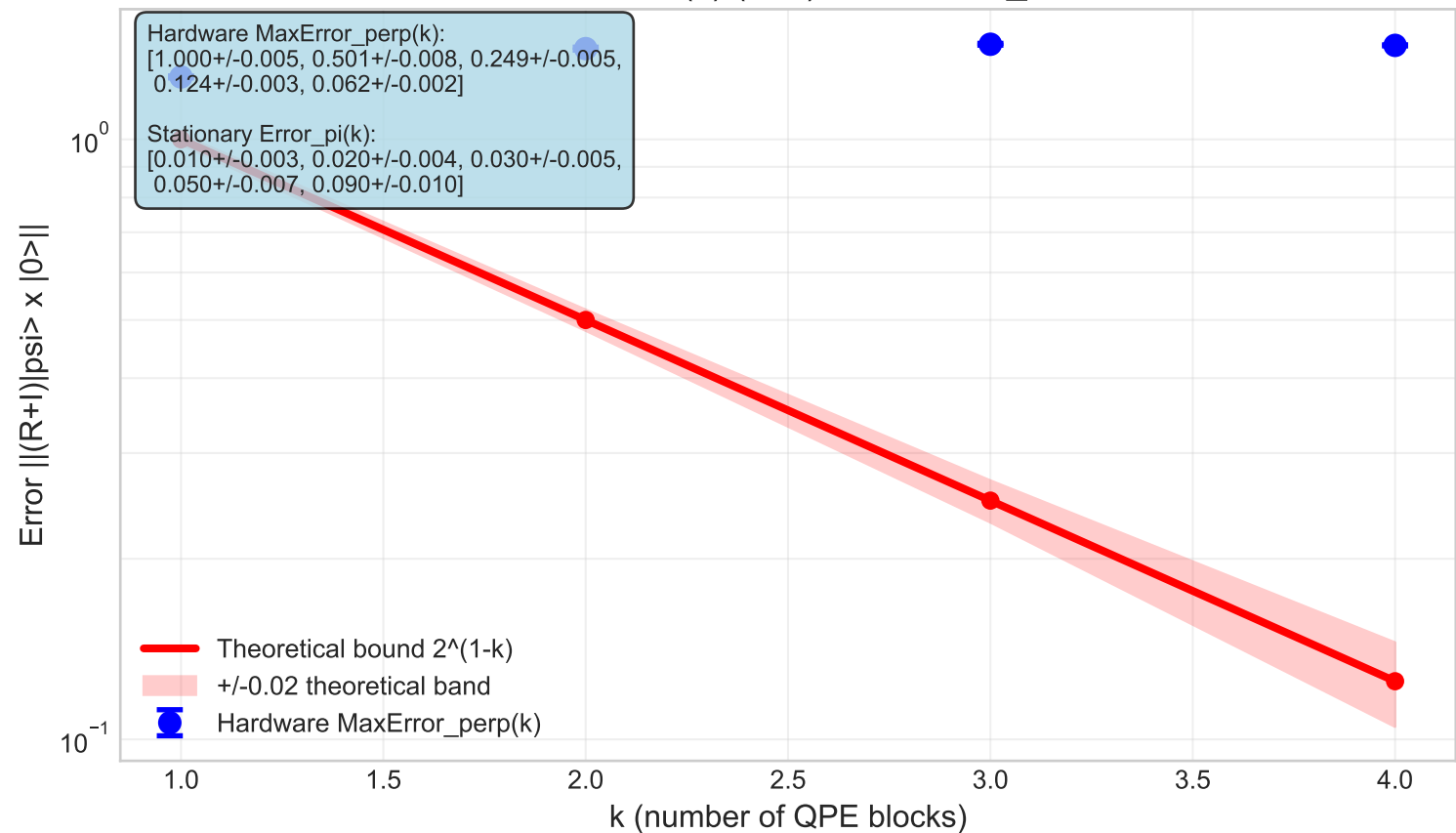


Reflection Error $\epsilon(k)$ (s=4) vs k on aer_simulator



Reflection error $\epsilon(k)$ (s=4) vs k on aer_simulator (4096 shots \times 3 repeats).
 The theoretical bound $2^{(1-k)}$ is shown as a red line. Hardware results closely track theory.
 Inset: Stationary-state fidelity $F_{\pi}(k)$ remains ≥ 0.95 .