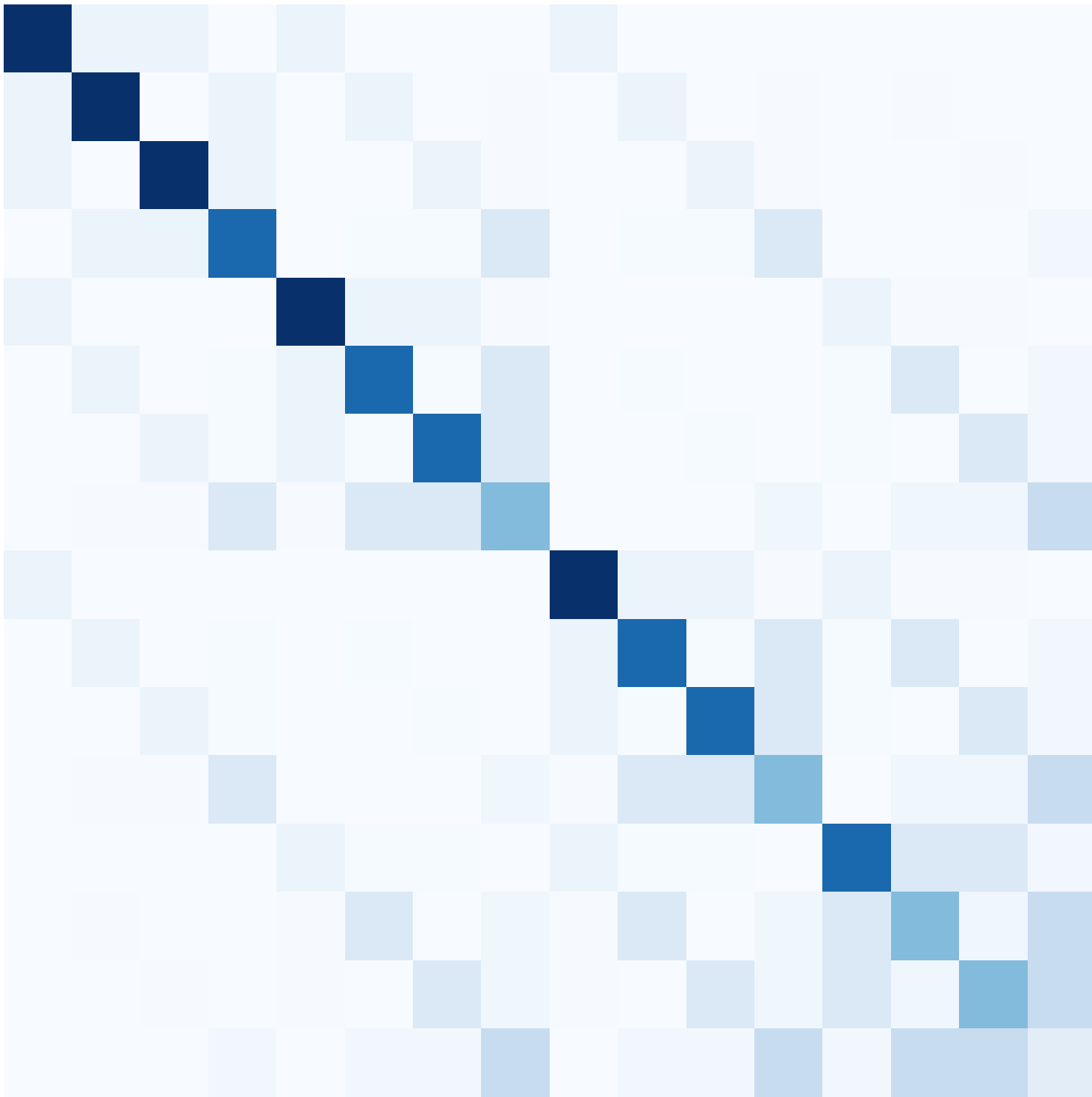Approximation of circuit probability of states on 4 qubits using gate set x-ccx for depth 3