



$U = -140$  MHz  
 $U = -160$  MHz  
 $U = -180$  MHz

$$|\psi_0\rangle = \left(\frac{|0\rangle + |1\rangle}{\sqrt{2}}\right)_A \otimes \left(\frac{|0\rangle + |1\rangle}{\sqrt{2}}\right)_B \otimes |1\rangle_C \otimes |0, \dots, 0\rangle_{\text{Other}}$$

