Ambient Hamiltonian: [[0.01 0.] [0. -0.01]]

Control Hamiltonians:[array([[0, 1], [1, 0]])]

Detunings: [0.001, 0.01]

dt: 0.0125663706144

Probs: [0.03150959 0.07882353 0.08314186 0.01808332 0.02231913 0.02640604 0.04380402 0.0537563 0.05371036 0.01779201 0.06061497 0.01393405 0.06293777 0.07951003 0.0836833 0.07687119 0.06459071 0.03286535 0.08808285 0.00756362]

Target Operator: [[0 1] [1 0]]

Time: 405.472151995

Controlset: [array([[0.83634635], [0.7923392], [0.97009485], [0.73346638], [0.90917424], [0.74111812], [0.74893357], [0.70481468], [0.70958201], [0.84305941], [0.69212799], [0.77525038], [0.65912334], [0.66423362], [0.74660876], [0.65201927], [0.7927253], [0.8136866], [0.79328135], [0.59366028], [0.6021154], [0.78492708], [0.56862745], [0.64330543], [0.54927635], [0.54906882], [0.67740919], [0.58450955], [0.61992326], [0.52397229], [0.64936947], [0.64698017], [0.47560013], [0.46471197], [0.45506515], [0.44430643], [0.51569691], [0.42915027], [0.5668968], [0.40489505], [0.40290438], [0.38029913], [0.45635541], [0.37758619], [0.35297696], [0.49855819], [0.49787517], [0.31981876], [0.30795749], [0.3222128], [0.35110341], [0.29488849], [0.35886135], [0.26819096], [0.28891779], [0.2945527], [0.25987855], [0.22266311], [0.21979871], [0.2021666], [0.21158003], [0.19275408], [0.22095822], [0.22309722], [0.18833998], [0.16510957], [0.1947675], [0.26878067], [0.25404686], [0.09916252], 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