Ambient Hamiltonian: [[0 0] [0 0]]

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

Detunings: [0.001, 0.01]

dt: 0.0125663706144

Probs: [1.]

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

Time: 3.97828507423

Controlset: [array([[-0.20643024], [-0.33592147], [-0.17518292], [-0.22837827], [-0.18322551], [-0.30718161], [-0.357975], [-0.25305853], [-0.30106154], [-0.18643208], [-0.3087277], [-0.19690461], [-0.25452612], [-0.31604491], [-0.1967908], [-0.34939313], [-0.18188852], [-0.17494051], [-0.17715122], [-0.24775239], [-0.36146519], [-0.17193271], [-0.26984434], [-0.20072259], [-0.26335145], [-0.35964234], [-0.18504054], [-0.20603478], [-0.19443996], [-0.21726169], [-0.18191388], [-0.17993343], [-0.36699358], [-0.347916], [-0.29768197], [-0.3305053], [-0.20166099], [-0.25276438], [-0.18211854], [-0.31641334], [-0.24279156], [-0.36469286], [-0.20235664], [-0.23199998], [-0.33200914], [-0.18126588], [-0.17848566], [-0.34834227], [-0.35656559], [-0.2410275], [-0.21205441], [-0.27844448], [-0.2033799], [-0.30815907], [-0.22105663], [-0.21595682], [-0.24027416], [-0.32924773], [-0.30682522], [-0.33048544], [-0.27491325], [-0.30083956], [-0.22018602], [-0.21595876], [-0.24112845], [-0.27503728], [-0.21665249], [-0.1839678], [-0.1858526], [-0.33805129], [-0.27666168], [-0.24948363], [-0.2028234], [-0.2011992], [-0.23881381], [-0.24633027], [-0.19053696], [-0.21896154], [-0.17793905], [-0.35167281], [-0.26168687], [-0.17312124], [-0.20153466], [-0.18130337], [-0.29506051], [-0.19870952], [-0.30978452], [-0.21908321], [-0.29994109], [-0.24163176], [-0.1910222], [-0.27897656], [-0.20990227], [-0.24071529], [-0.17898969], [-0.20588024], [-0.20642572], [-0.26434915], [-0.22068843], [-0.35667284], [-0.3420551], [-0.17813386], [-0.34836498], [-0.17732906], [-0.19961825], [-0.20981611], [-0.1955741], [-0.32803119], [-0.19146523], [-0.19872274], [-0.21865117], [-0.22826443], [-0.23003332], [-0.23886174], [-0.18912331], [-0.28895597], [-0.35165663], [-0.17415573], [-0.23535525], [-0.19526608], [-0.20346046], [-0.21861393], [-0.33064501], [-0.29516244], [-0.23949373], [-0.21675018], [-0.1893551], [-0.27622026], [-0.25310201], [-0.18138712], [-0.18814213], [-0.33838614], [-0.32268039], [-0.20668621], [-0.21562005], [-0.17172281], [-0.19619338], [-0.19056128], [-0.30247978], [-0.22115495], [-0.20897038], [-0.36944888], [-0.22176215], [-0.2379454], [-0.26700585], [-0.28915256], [-0.18015233], [-0.36087197], [-0.27436568], [-0.28536671], [-0.17447972], [-0.36517253], [-0.23558567], [-0.27414148], [-0.20181767], [-0.2022159], [-0.20330062], [-0.18118359], [-0.17566616], [-0.34576381], [-0.33536404], [-0.35911769], [-0.17790917], [-0.17194565], [-0.25905052], [-0.35120682], [-0.33211737], [-0.18245448], [-0.23653584], [-0.310964], [-0.20941237], [-0.19330224], [-0.23349066], [-0.35807698], [-0.25984464], [-0.18380395], [-0.33941788], [-0.3366607], [-0.19291051], [-0.32998936], [-0.33190963], [-0.29889455], [-0.28383754], [-0.27171484], [-0.19164013], [-0.29776492], [-0.33877202], [-0.33530733], [-0.26408847], [-0.30082391], [-0.18785749], [-0.21106783], [-0.28437088], [-0.17036133], [-0.24664436], [-0.18091481], [-0.28488212], [-0.27750277], [-0.17208242], [-0.34358925], [-0.18242331], [-0.17418565], [-0.26949977], [-0.17876119], [-0.18050902], [-0.17016494], [-0.33512826], [-0.2127748], [-0.19229844], [-0.19868721], [-0.18770556], [-0.36430402], [-0.1755389], [-0.32161799], [-0.36192641], [-0.17223951], [-0.31527512], [-0.1871945... [-0.36644121], [-0.36007082], [-0.34866205], [-0.20822971], [-0.29734871], [-0.24464702], [-0.1738413], [-0.30928425], [-0.30038119], [-0.22705841], [-0.28766548], [-0.22083378], [-0.23740264], [-0.27101237], [-0.36655635], [-0.19525238], [-0.18141029], [-0.26331055], [-0.23283247], [-0.35204419... [-0.19729231], [-0.30080185], [-0.33121052], [-0.32849069], [-0.3106465], [-0.19825079], [-0.2429485], [-0.20159581], [-0.3280653], [-0.30376606], [-0.18841374], [-0.36896385], [-0.30303374], [-0.18686951], [-0.203616], [-0.2890758], [-0.18856178], [-0.3195035], [-0.21855902], [-0.21233859], [-0.17277786], [-0.20425226], [-0.26815973], [-0.22227455], [-0.29683668], [-0.17136481], [-0.24964181], [-0.34448522], [-0.17202329], [-0.18071793... 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[-0.30541595], [-0.22295316], [-0.21567888], [-0.21246899], [-0.25444398], [-0.25699276], [-0.26064757], [-0.22262084], [-0.31652458], [-0.17066523... [-0.18238795], [-0.18593857], [-0.21314065], [-0.19132957], [-0.33578177], [-0.18517086], [-0.28048666], [-0.18003748], [-0.29148936], [-0.36544461... [-0.18240458], [-0.19950327], [-0.30125643], [-0.30533667], [-0.17589318], [-0.17952906], [-0.22298347], [-0.35398061], [-0.1812997], [-0.21727778... [-0.19108832], [-0.21377525], [-0.3429342], [-0.18687447], [-0.17909353], [-0.35373924], [-0.28945949], [-0.27722824], [-0.21838993], [-0.30635501... [-0.34999305], [-0.21138256], [-0.1846868], [-0.18413086], [-0.30634006], [-0.347813], [-0.20638822], [-0.29281665], [-0.18762985], [-0.18143903], [-0.19419458], [-0.26394818]])]