Diameter Correction Method Fit
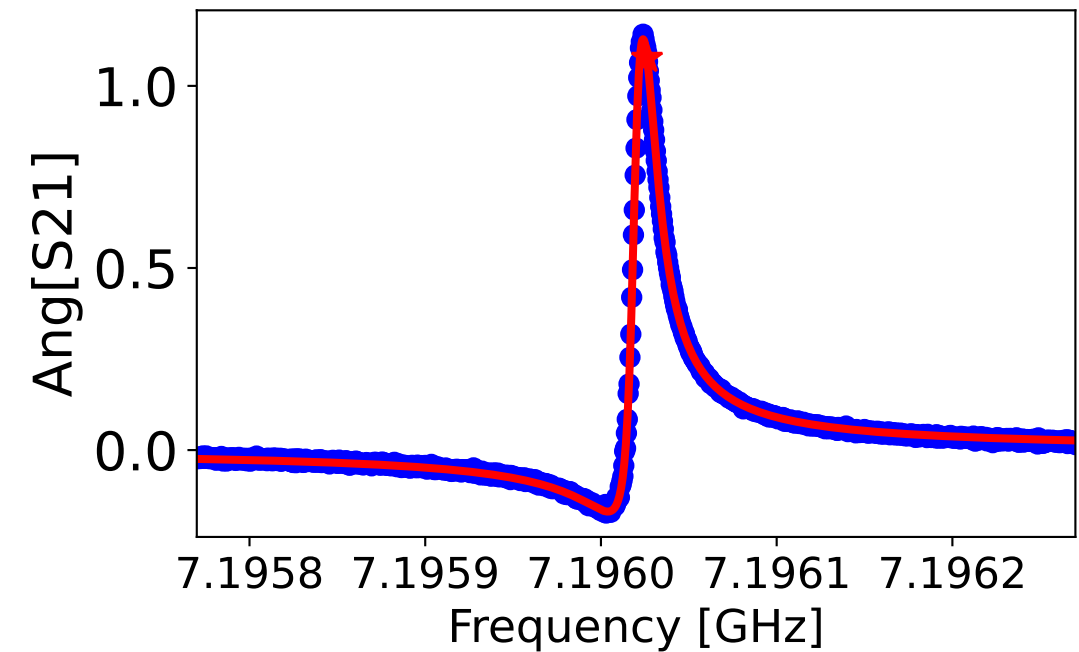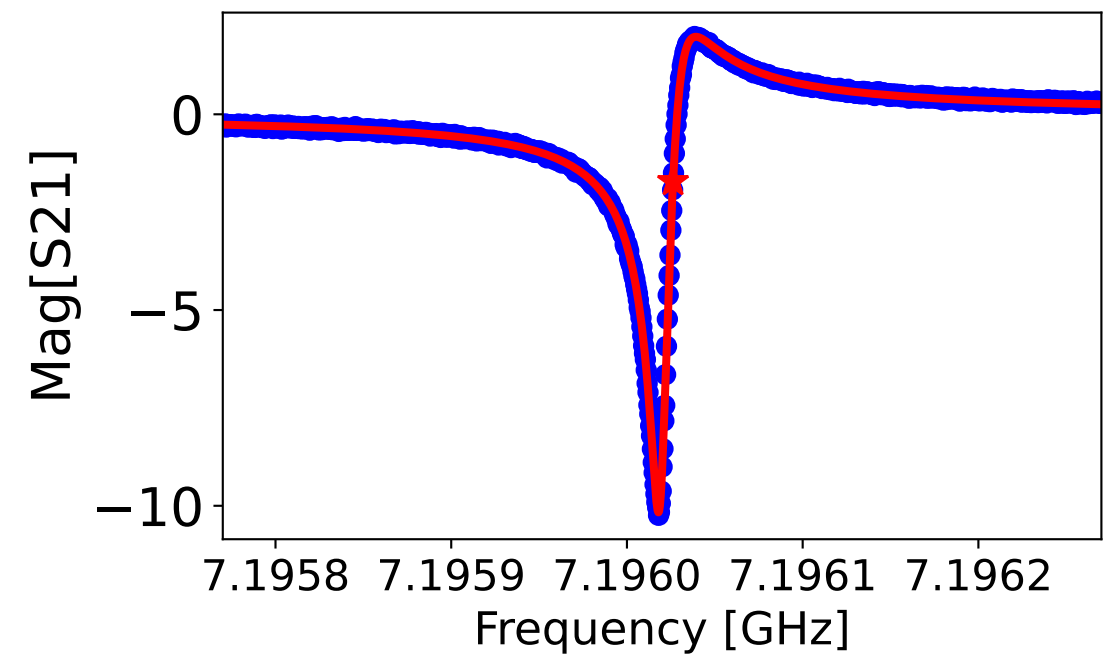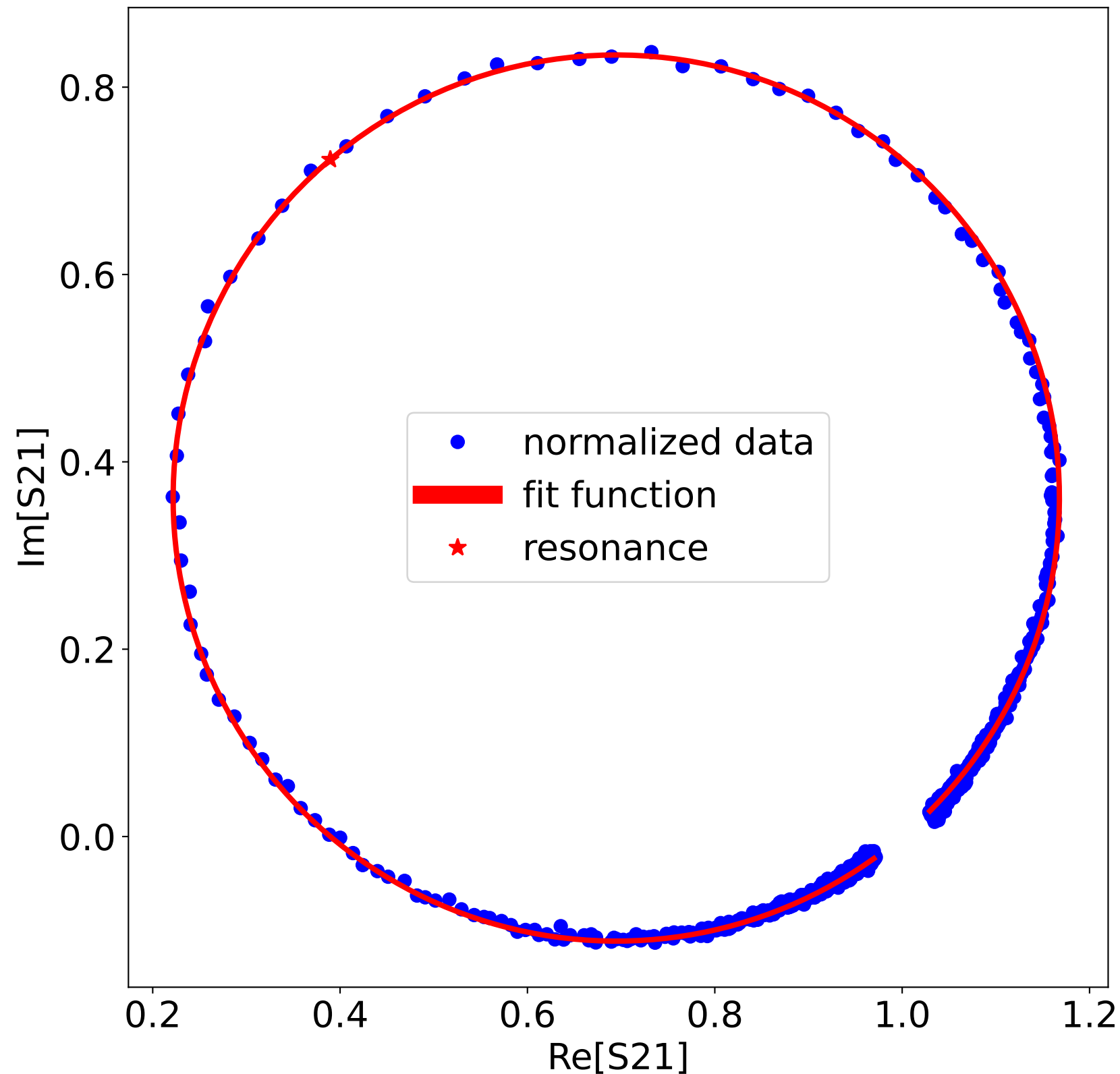
Q = 346500±1301.694
Q_i = 889000±13491.716
Q_c = 366200±1246.422
$1/Re[1/Q_c]$ = 567600±1931.686
ϕ = -0.87±0.003 radians
f_c = 7.19602623±0.000 GHz