Diameter Correction Method Fit
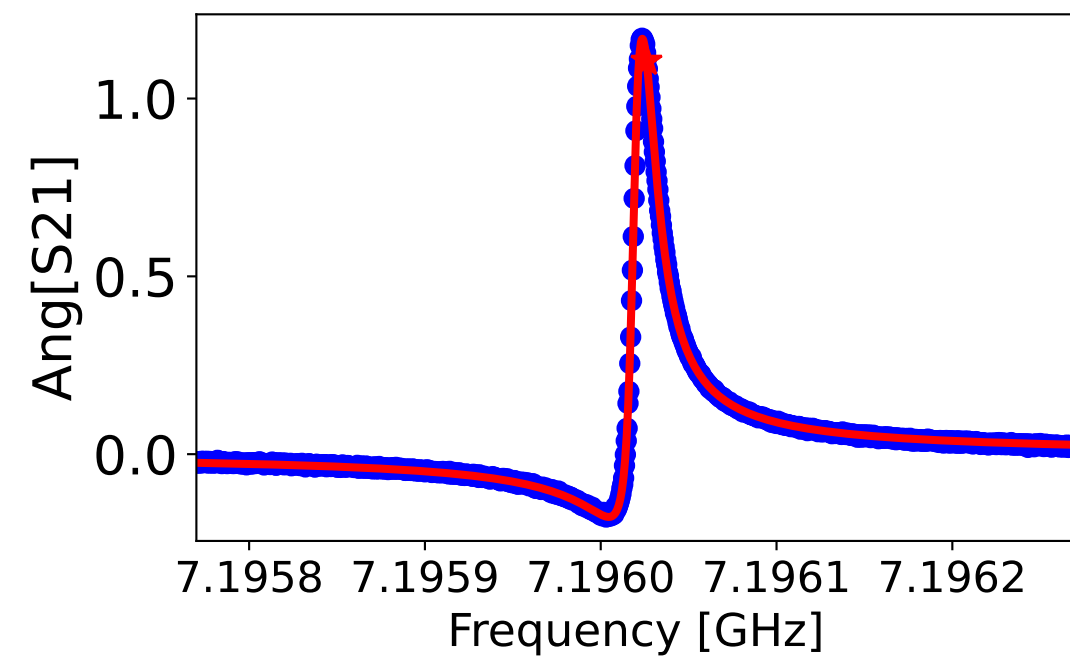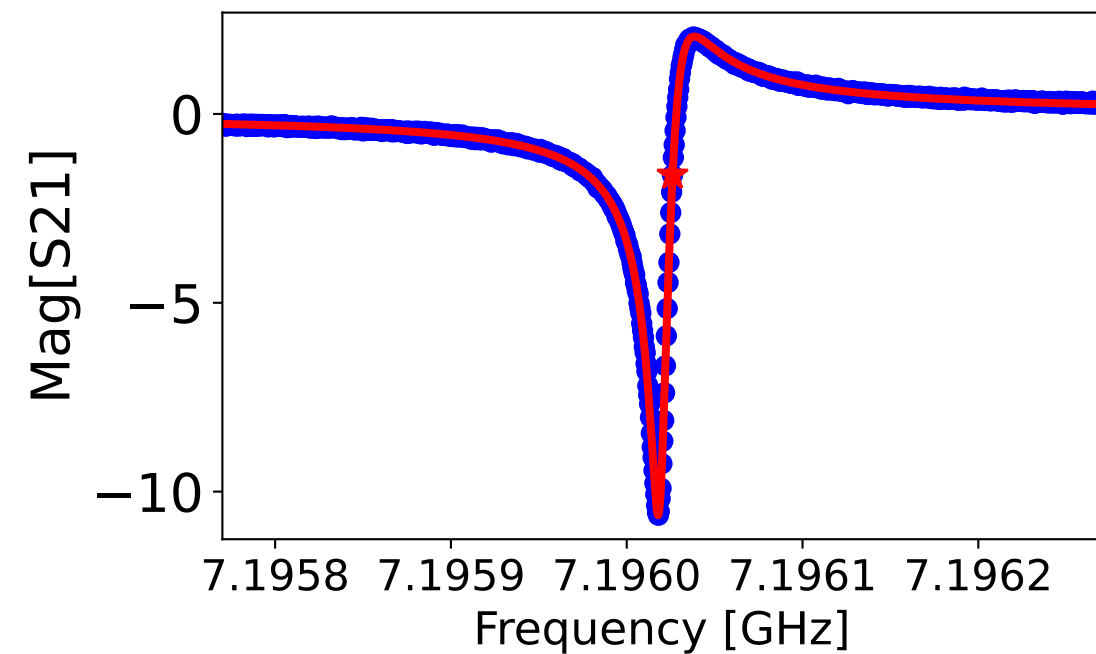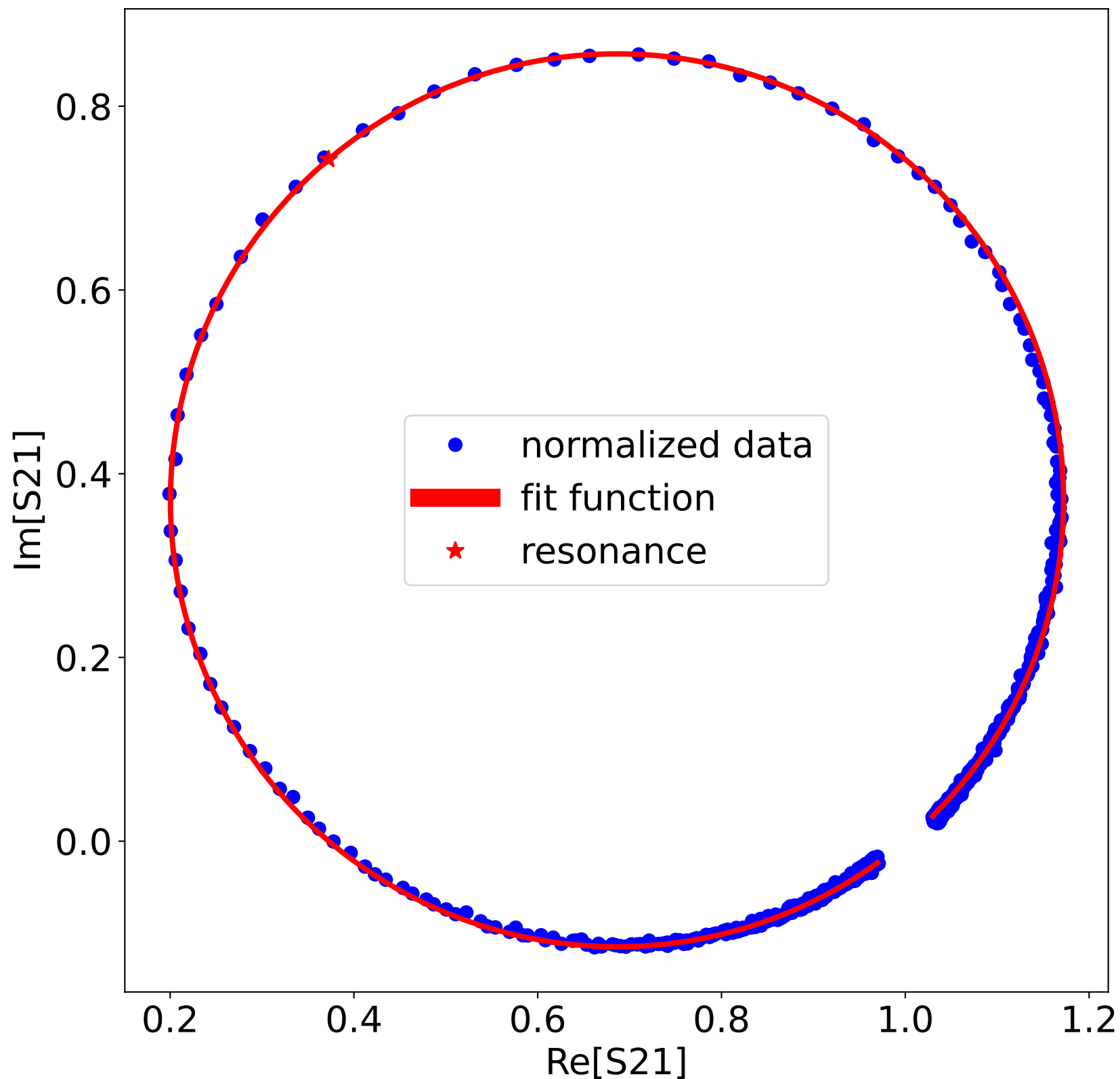
Q = 356100±1113.827
Q_i = 955000±12719.860
Q_c = 366400±1034.576
$1/\text{Re}[1/Q_c]$ = 567500±1602.495
ϕ = -0.869±0.003 radians
f_c = 7.19602606±0.000 GHz