Diameter Correction Method Fit
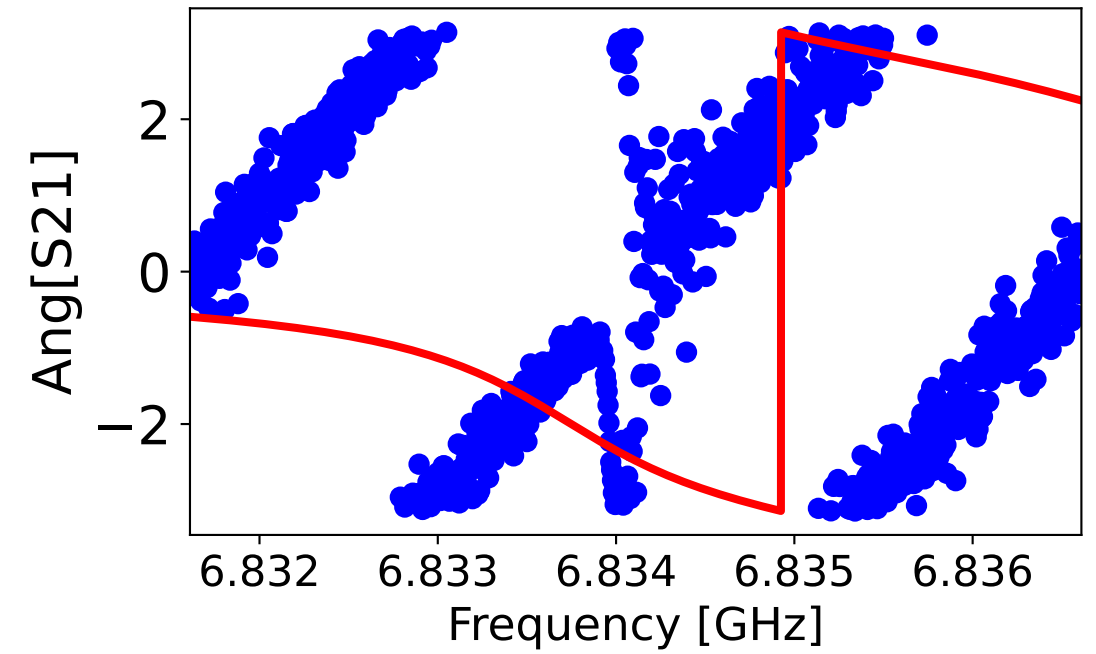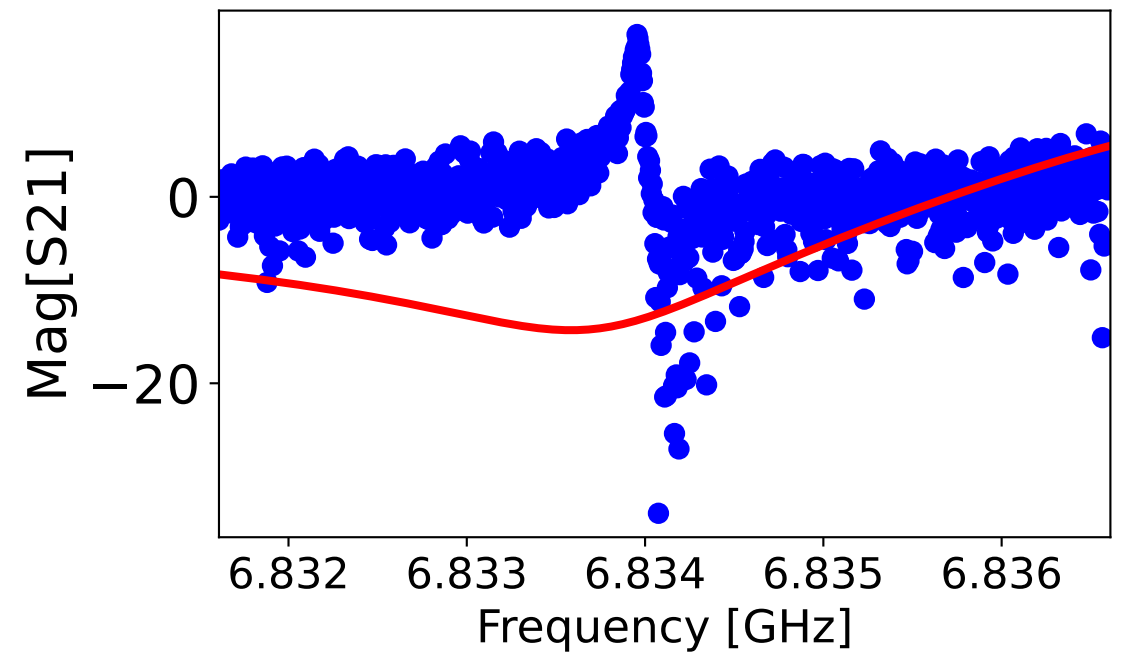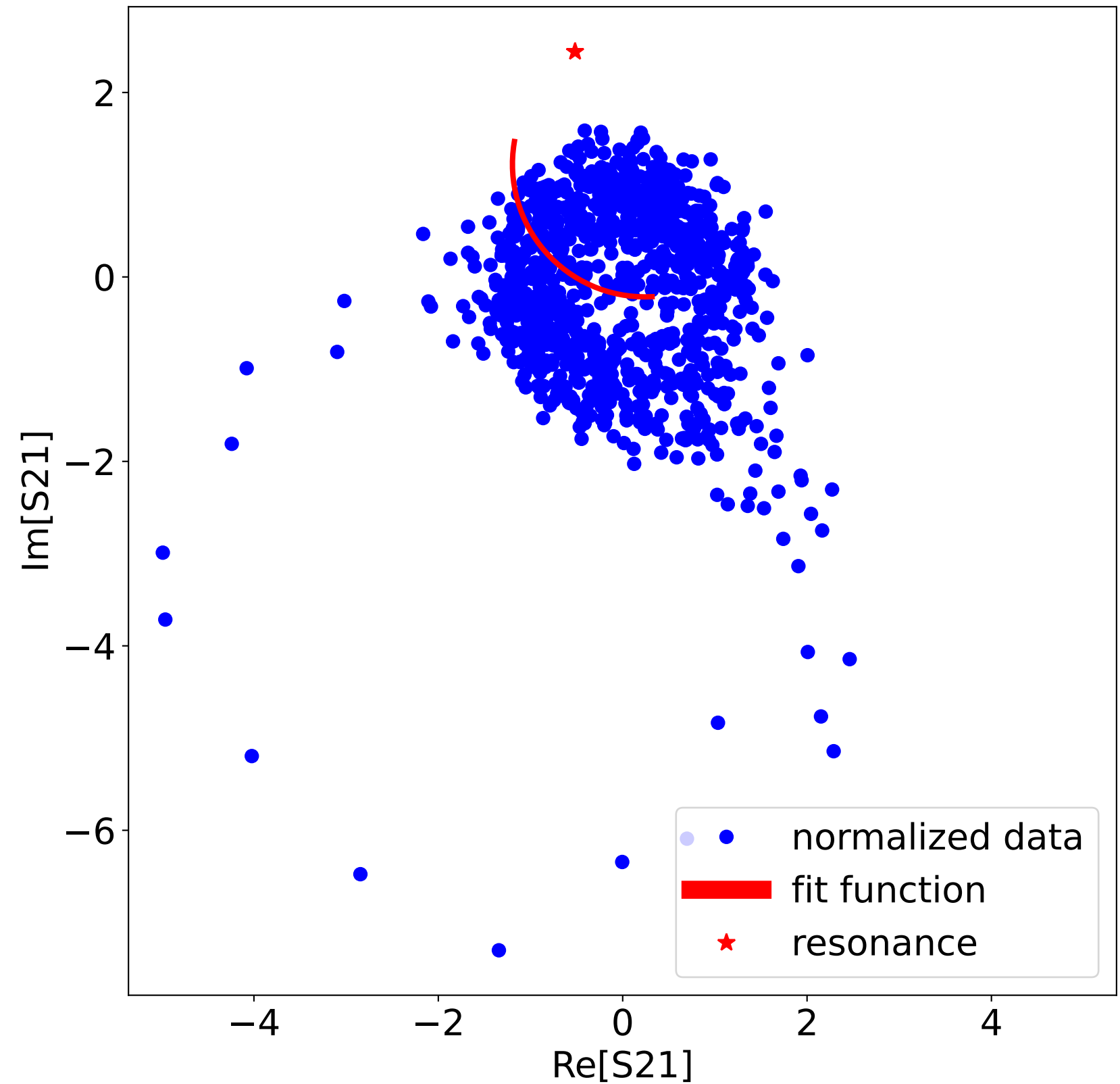
Q = 2350±331.922
Q_i = -4600±7258.508
Q_c = 820±30.335
$1/Re[1/Q_c]$ = 1555±57.512
ϕ = -1.1±0.117 radians
f_c = 6.8372±0.000 GHz