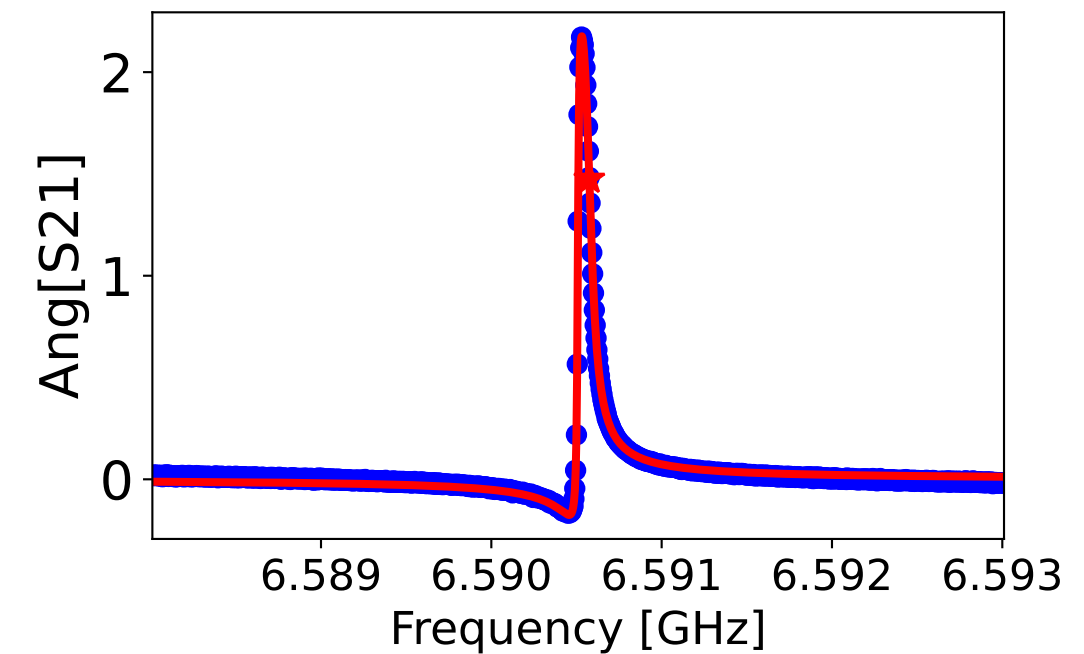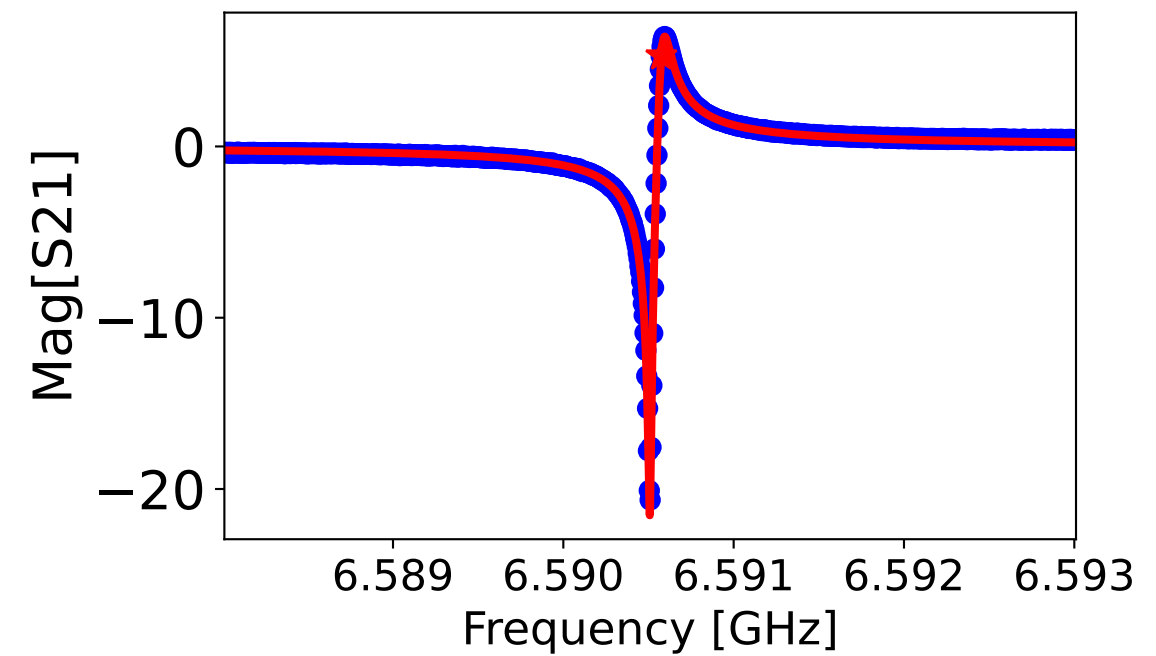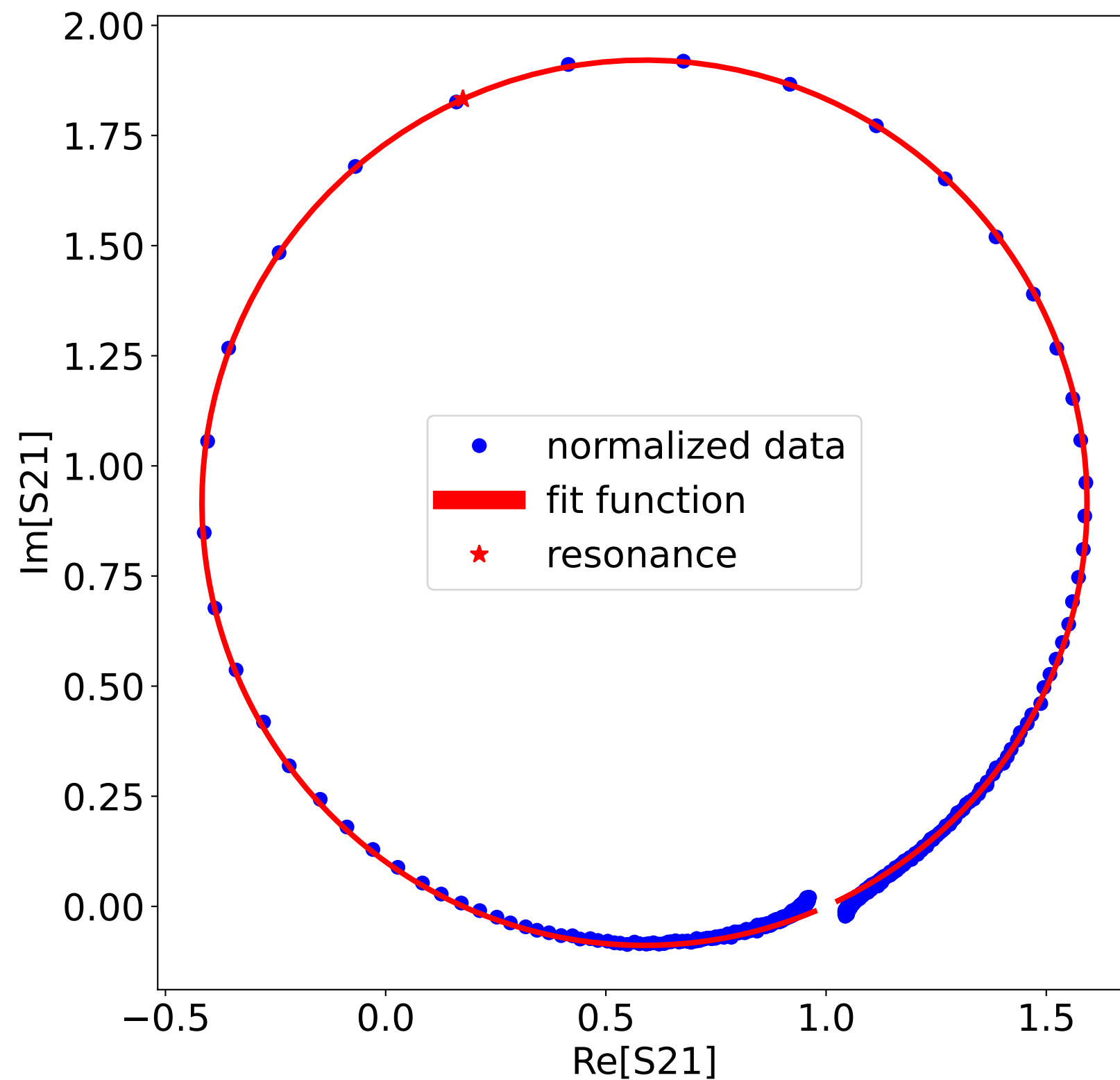# Diameter Correction Method Fit

$Q = 89420 \pm 306.552$
$Q_i = 509000 \pm 17958.898$
$Q_c = 44490 \pm 137.671$
$1/\text{Re}[1/Q_c] = 108440 \pm 335.537$
$\phi = -1.149 \pm 0.003$ radians
$f_c = 6.5905754 \pm 0.000$ GHz

Legend:
- normalized data
- fit function
- resonance

Axis labels: Im[S21], Re[S21], Mag[S21], Ang[S21], Frequency [GHz]