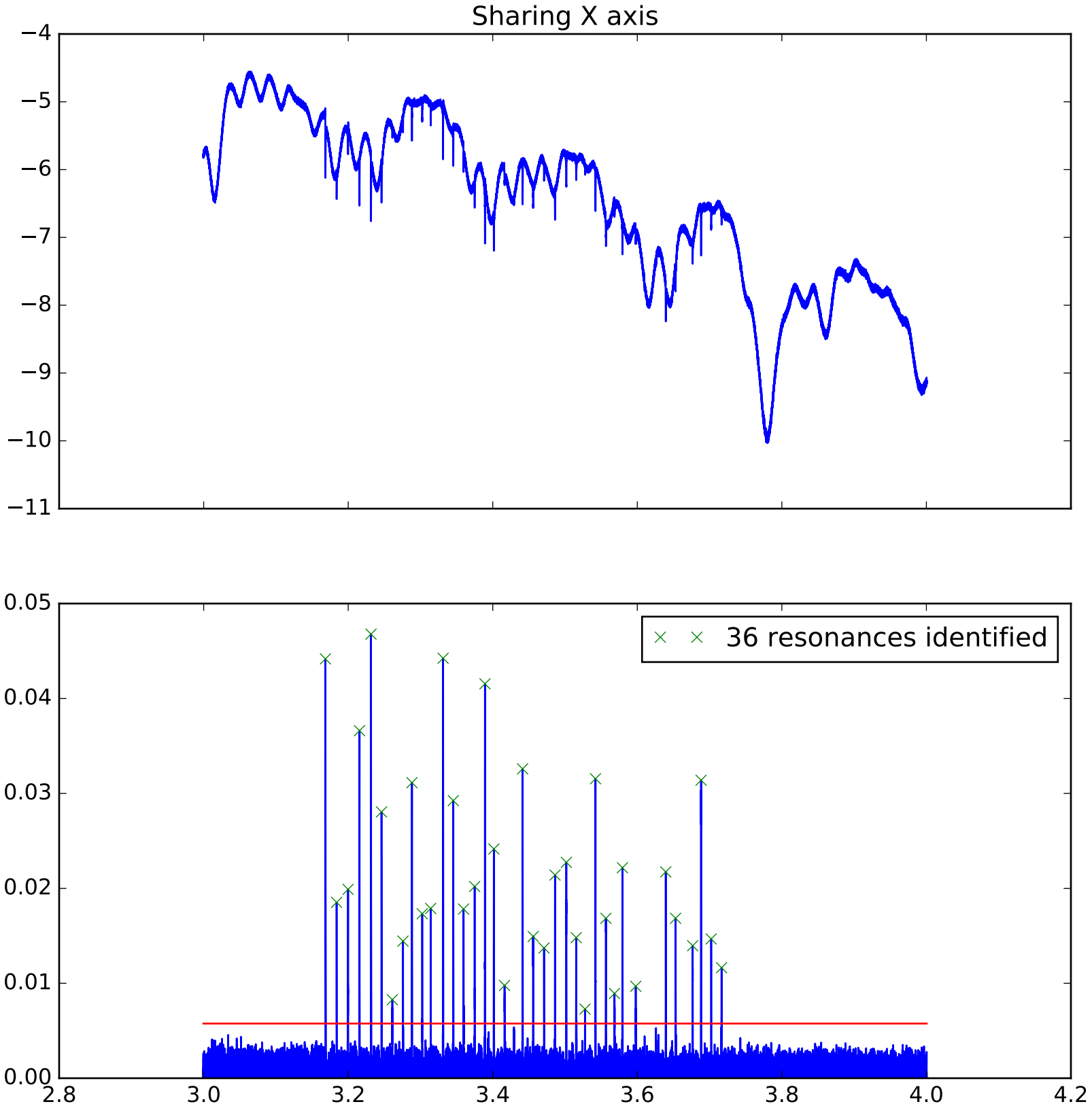
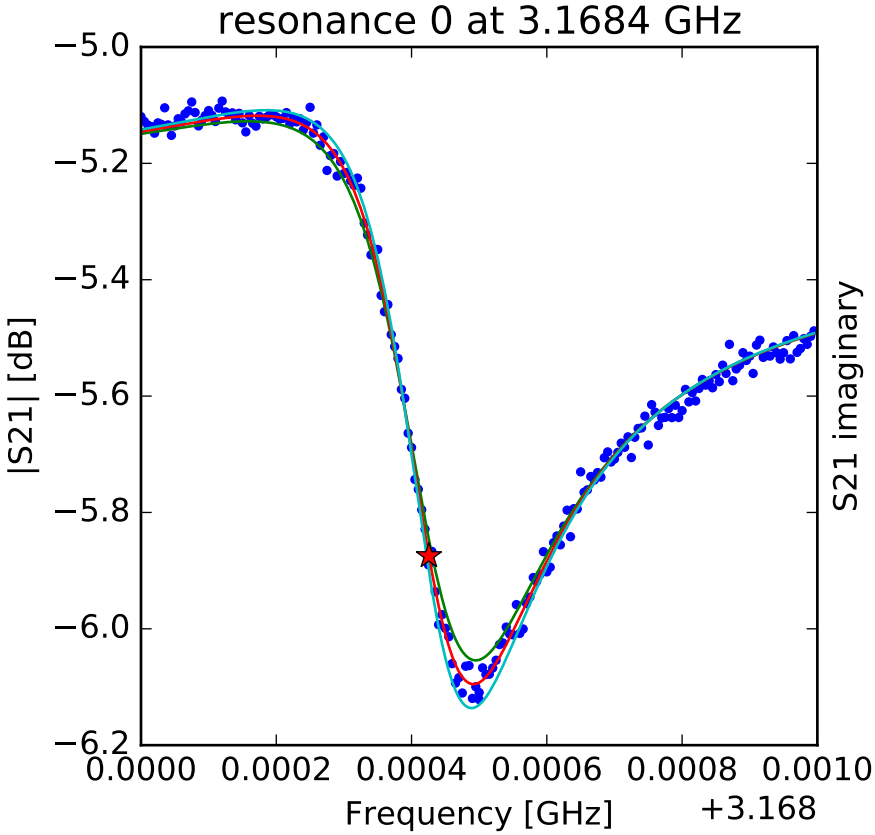
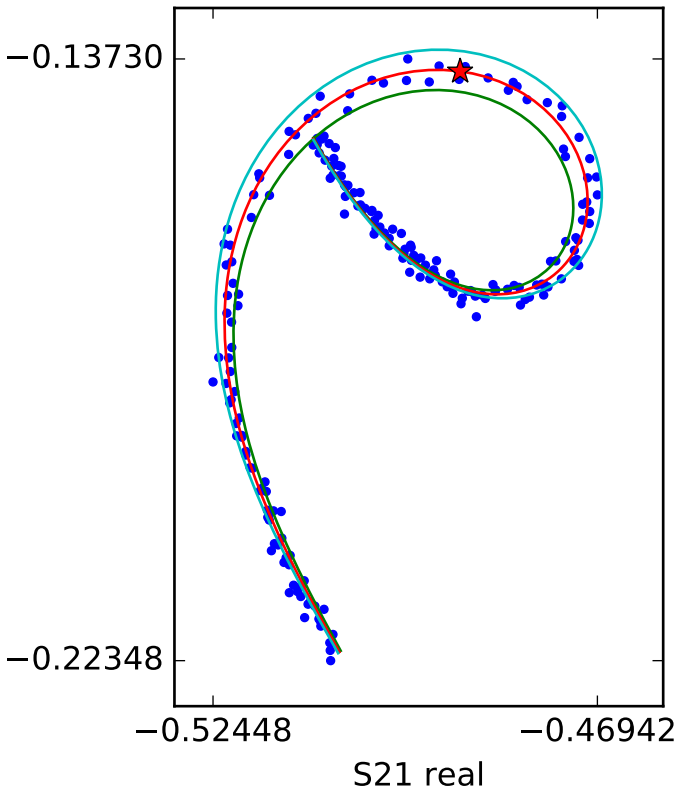
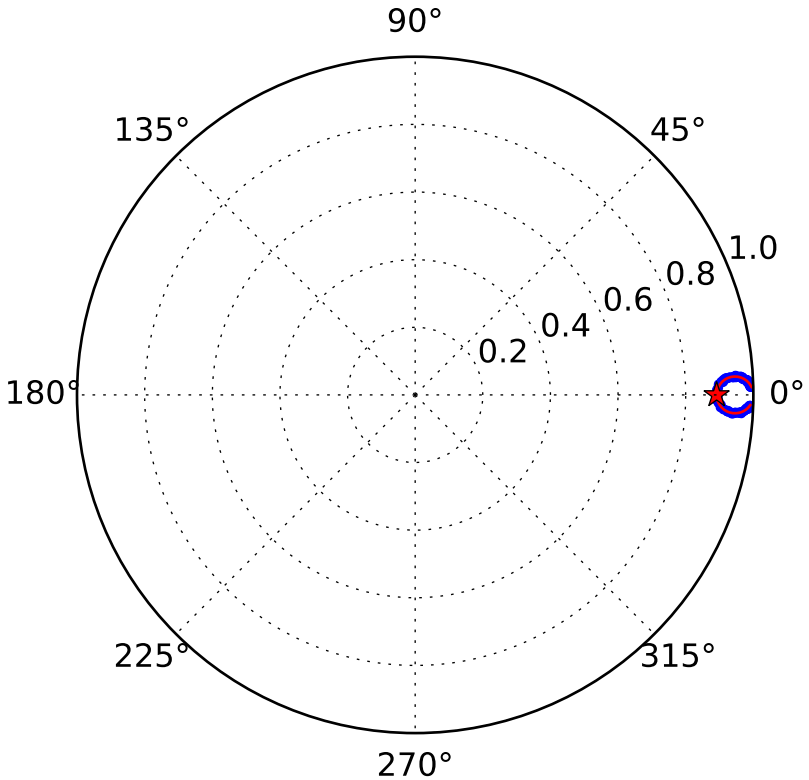
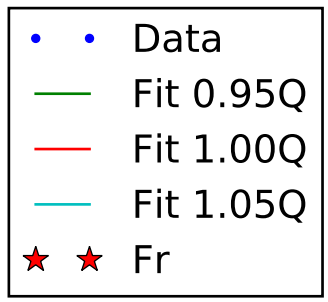

Sharing X axis
−4
−5
−6
−7
−8
−9
−10
−11
0.05
0.04
0.03
0.02
0.01
0.00
36 resonances identified
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2



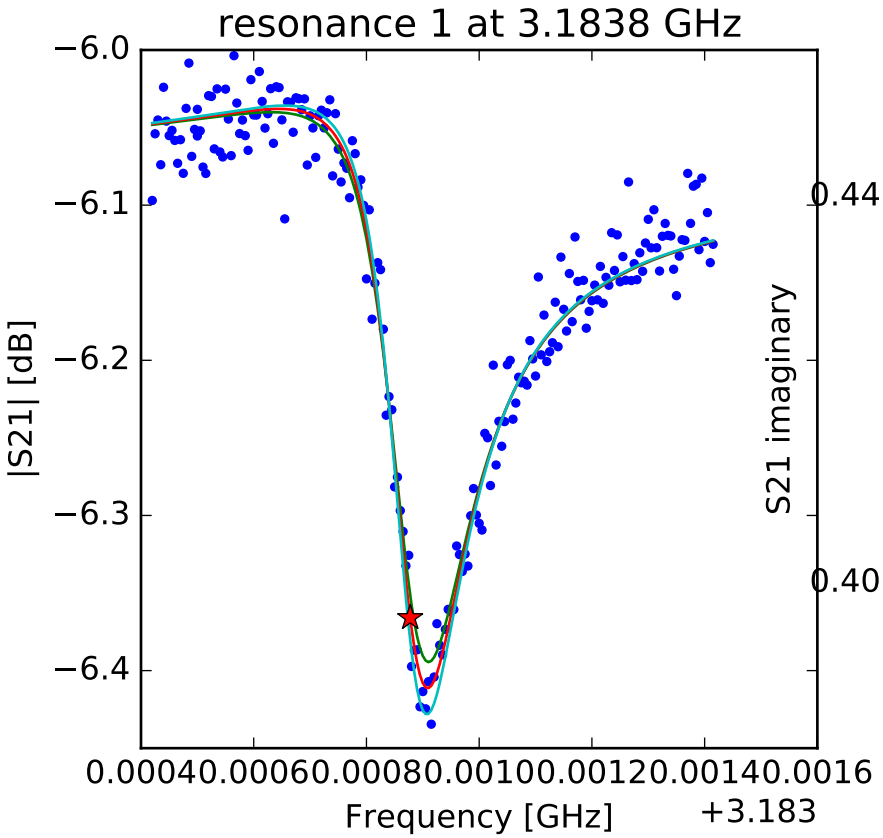


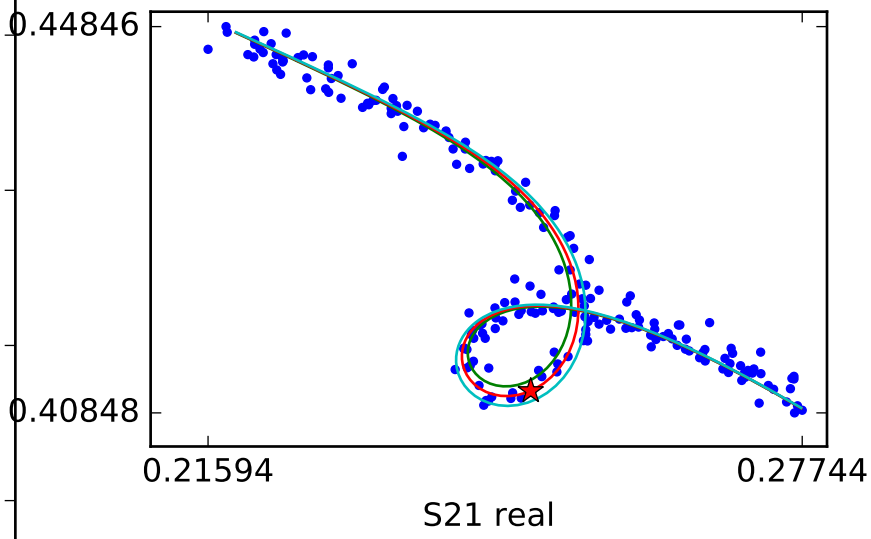


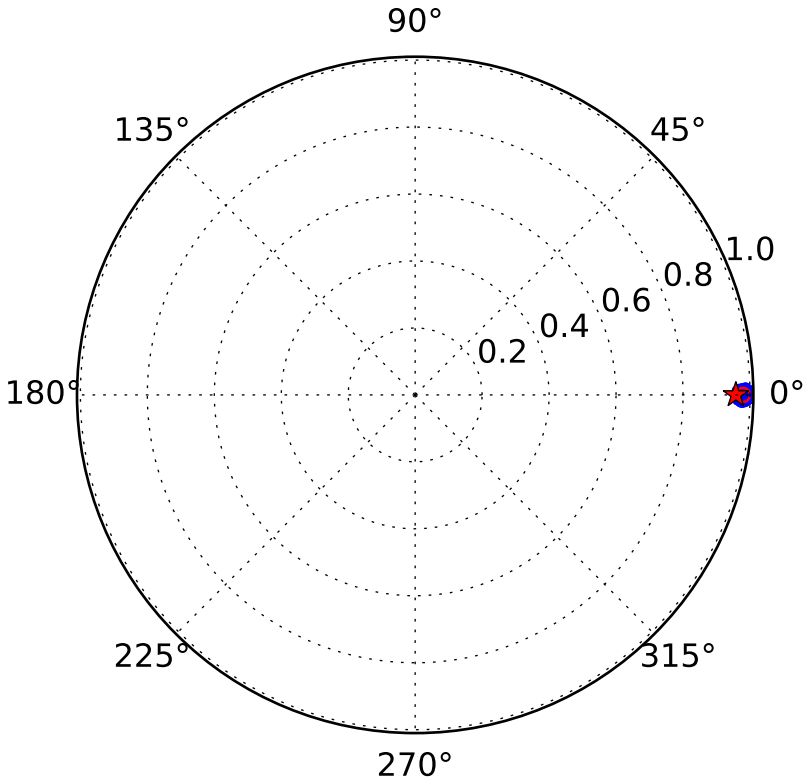


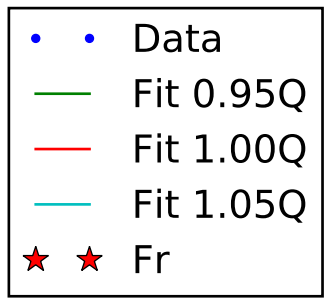
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.16842567119
Qr = 12263.4170809
Qc = 112831.278928
a = (-0.24181559352-0.486273495128j)
phi = 0.899470863546
tau = 26.5488241252



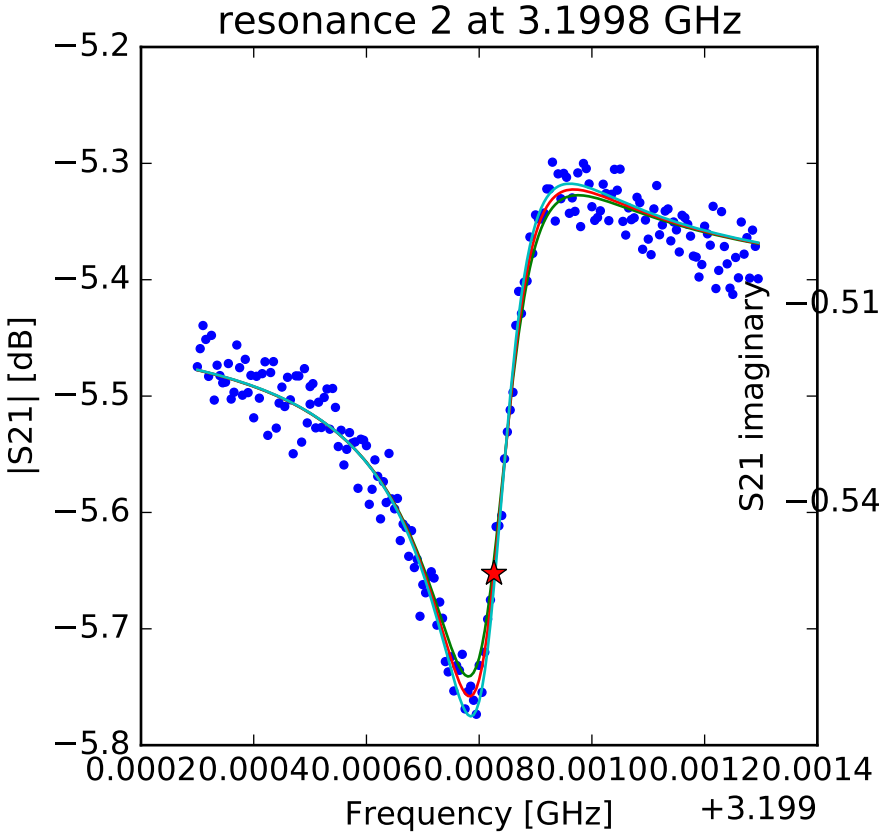


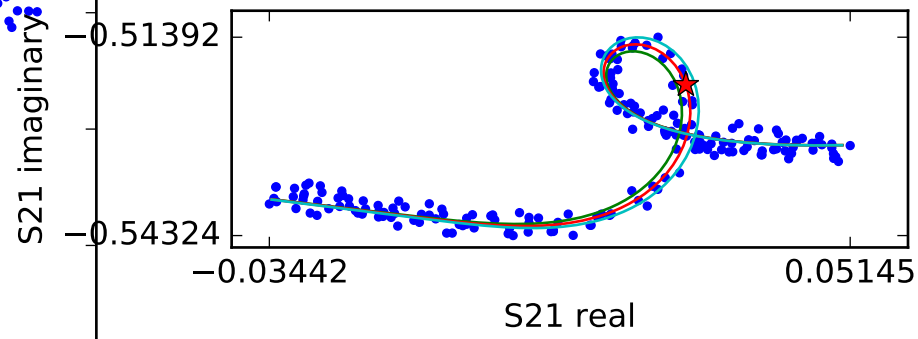


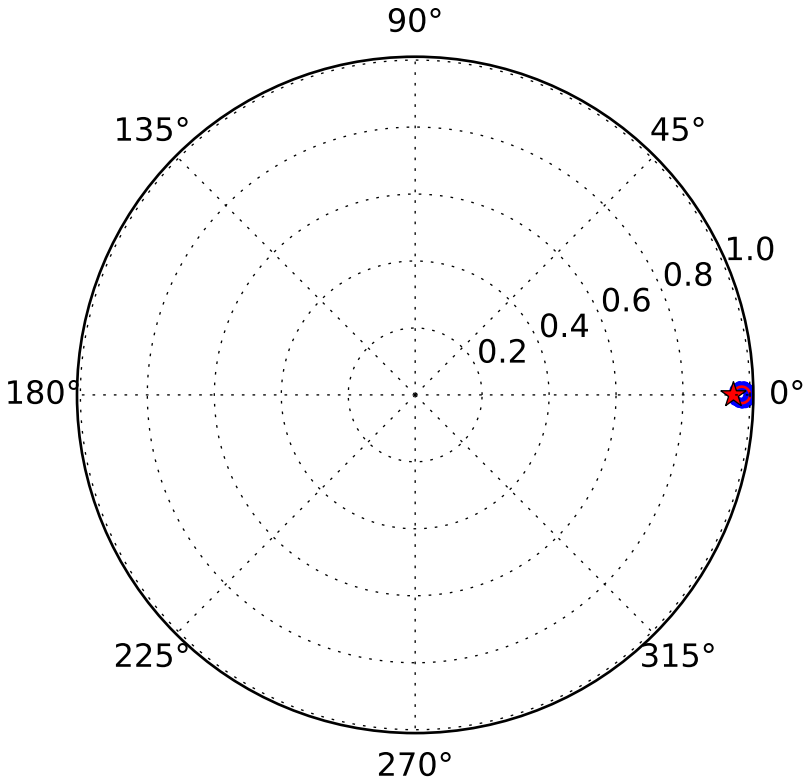


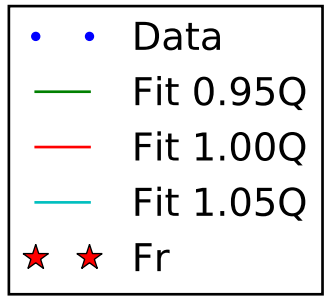
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.1838776328
Qr = 18676.1221809
Qc = 441639.5287
a = (0.326142185651-0.374477727571j)
phi = 0.684762666939
tau = 24.4030946496



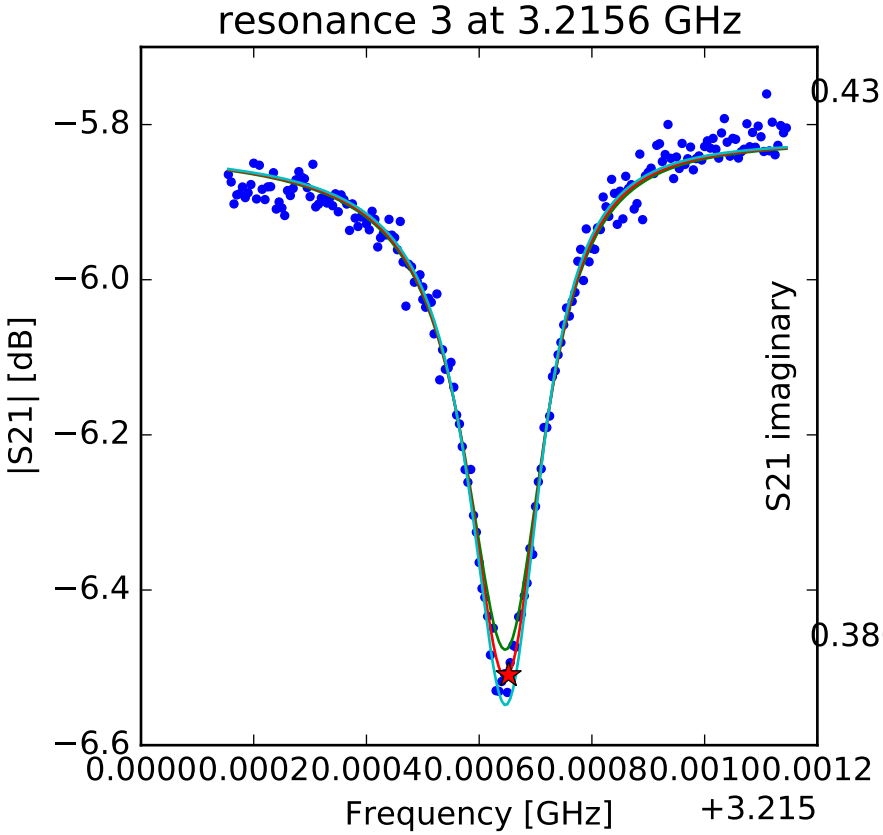


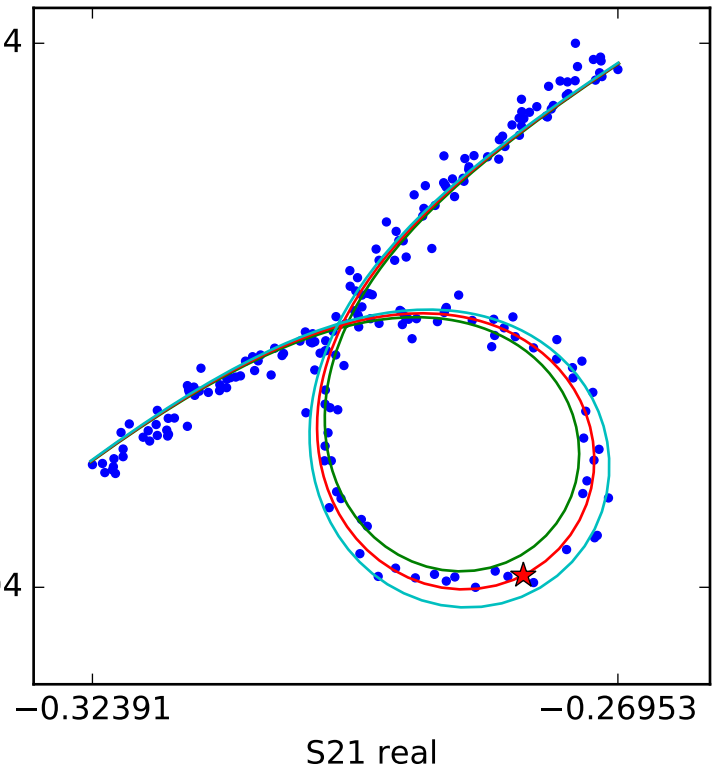


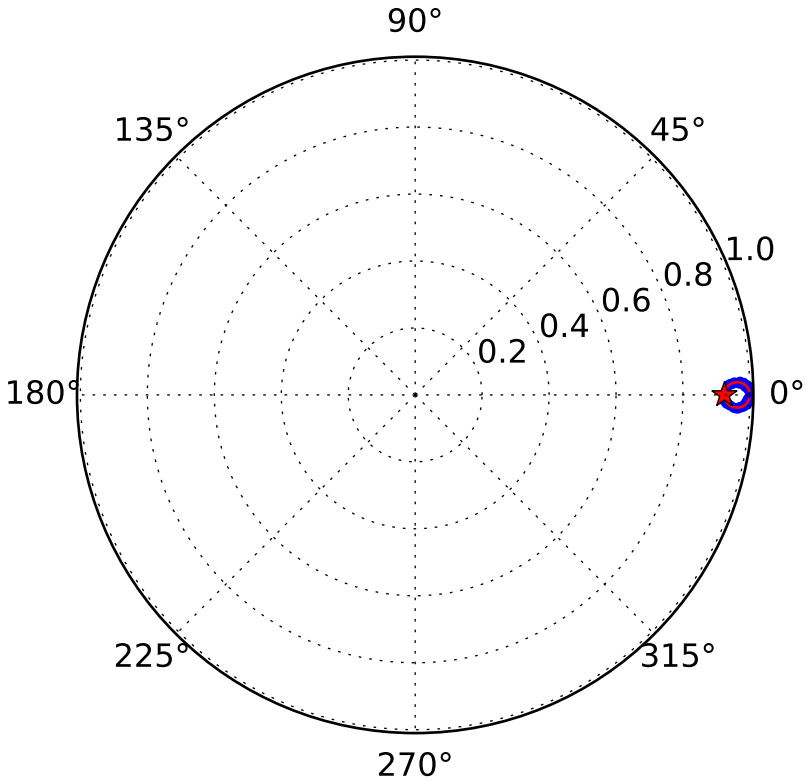


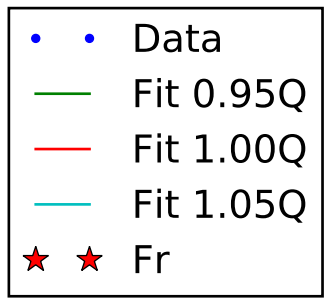
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.1998262808
Qr = 20509.5245377
Qc = 414475.691432
a = (0.484552887152-0.22862605844j)
phi = -0.987397133689
tau = 26.6196632464



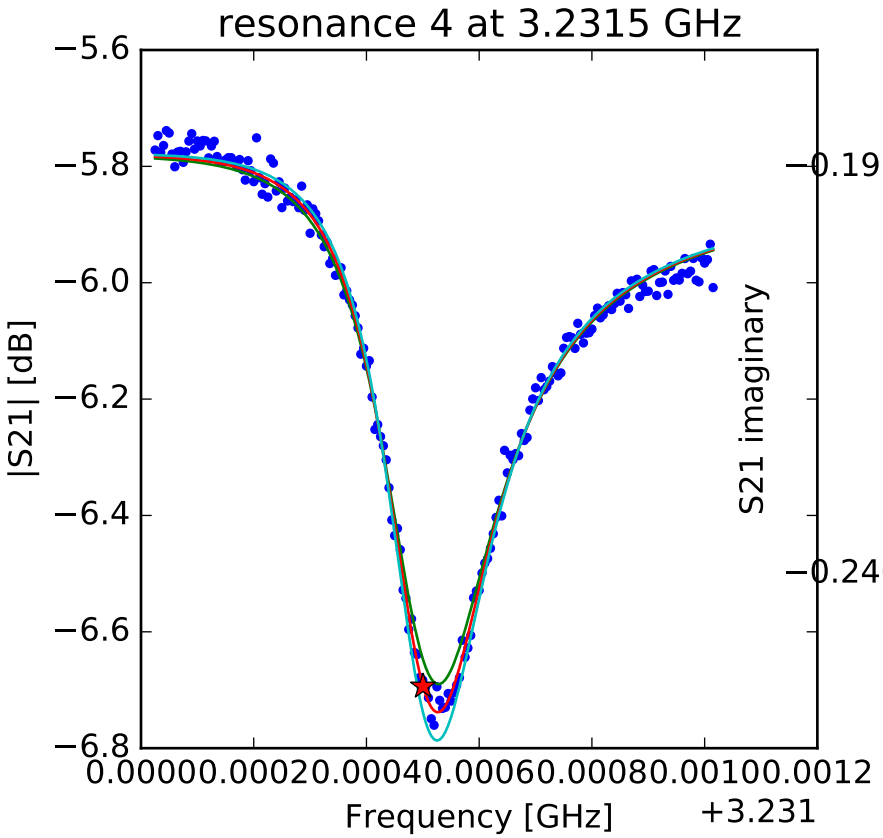


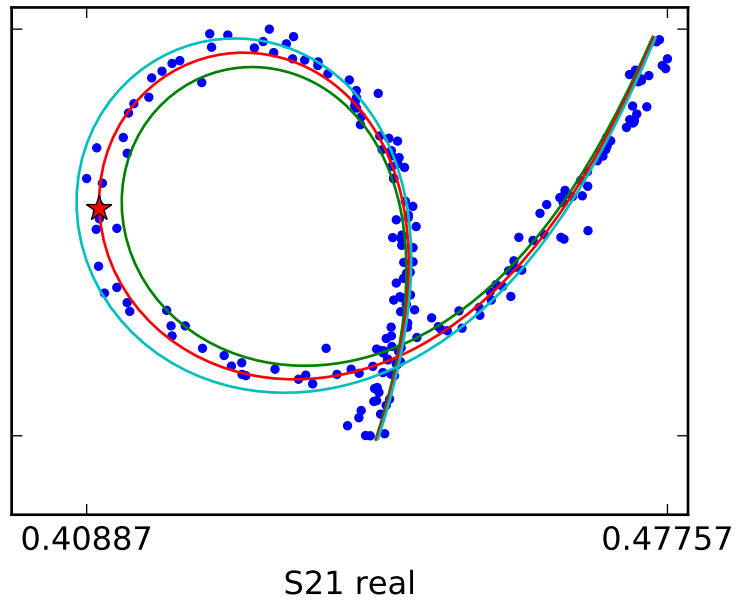


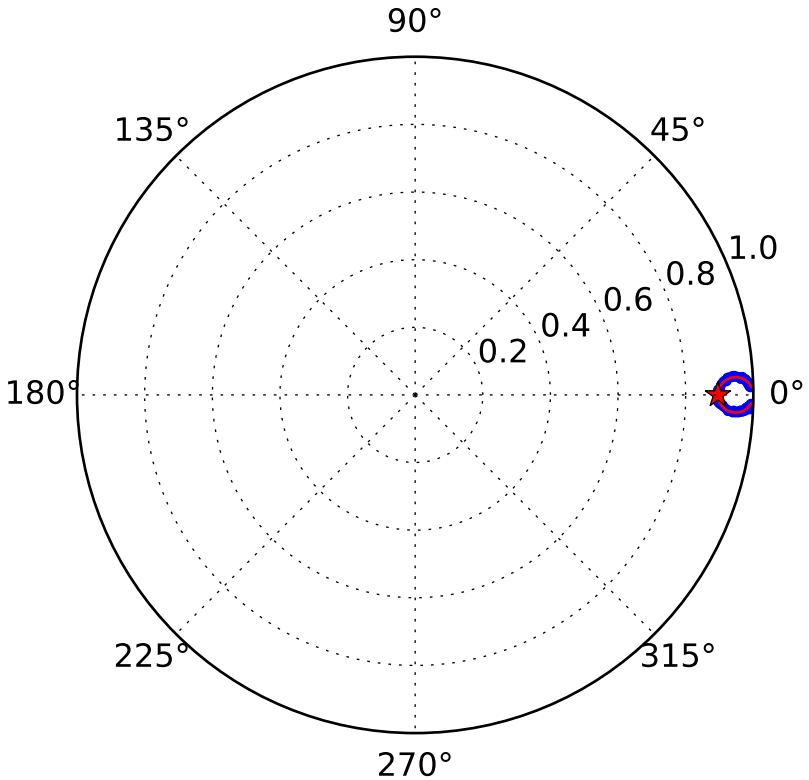


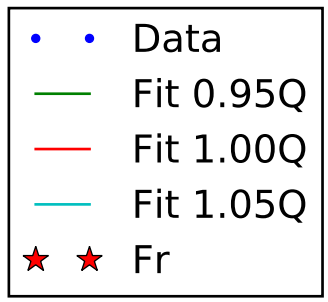
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.2156521706
Qr = 18895.8569426
Qc = 247506.928923
a = (0.226288506306-0.458533819943j)
phi = -0.127455056636
tau = 25.6476758404



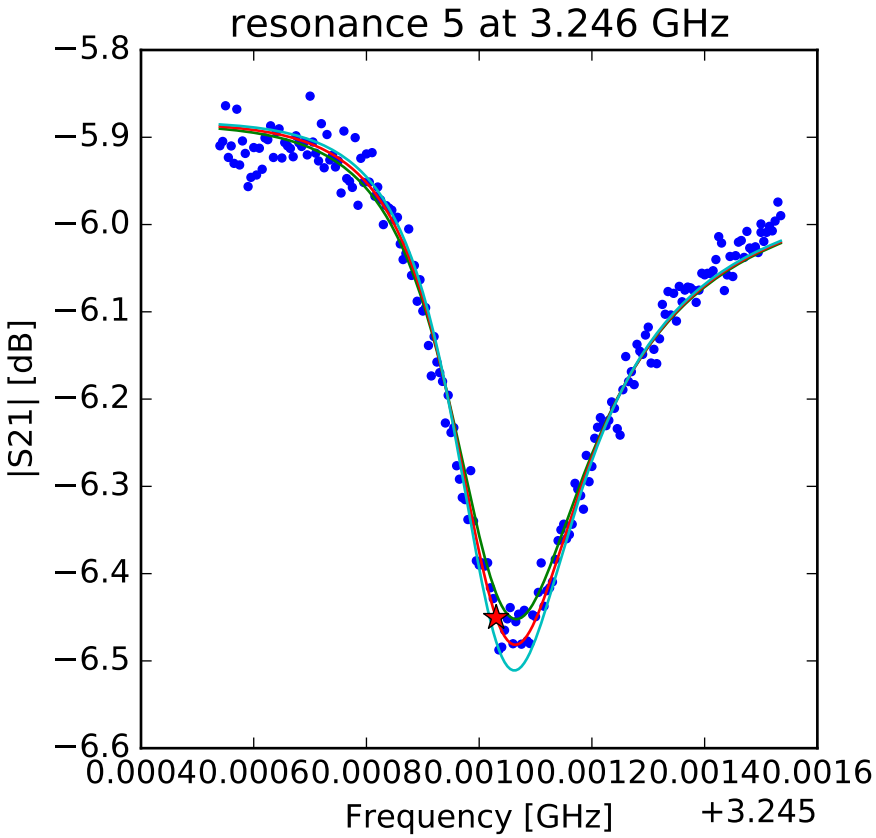


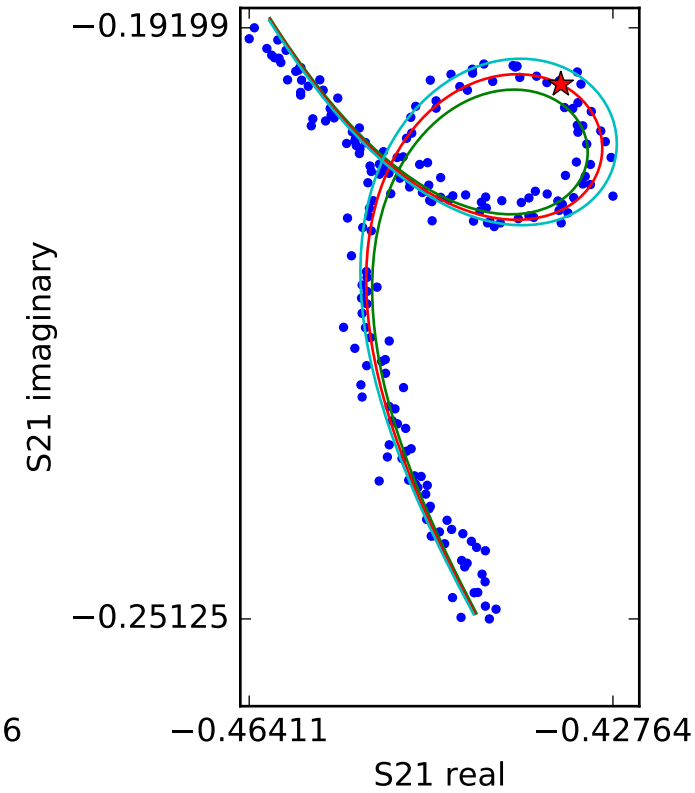


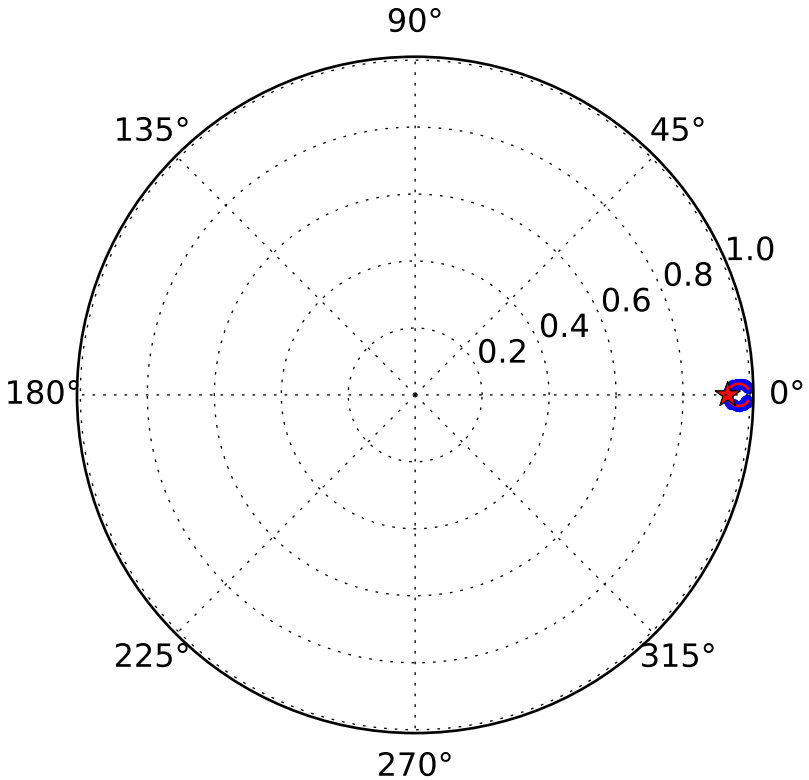


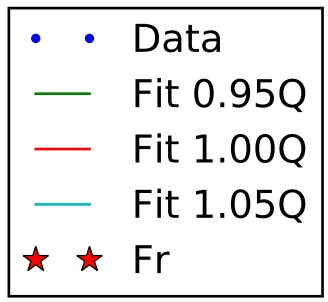
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.2315004602
Qr = 12976.5564678
Qc = 123843.617378
a = (0.228017198433+0.458238755802j)
phi = 0.391626151183
tau = 25.4513086795



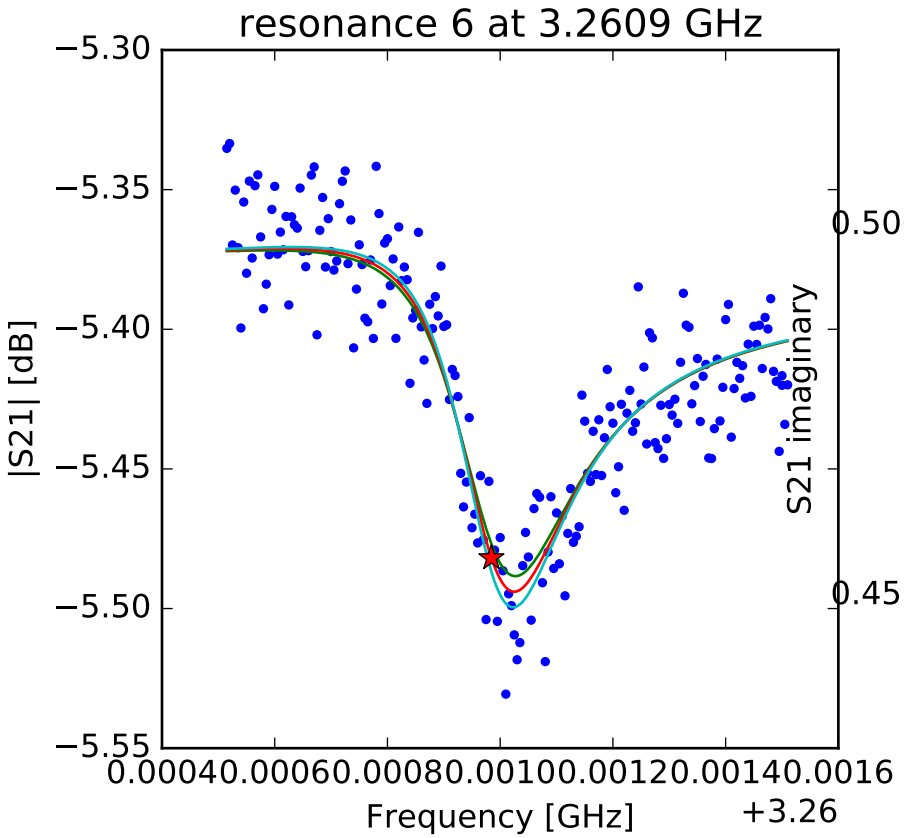


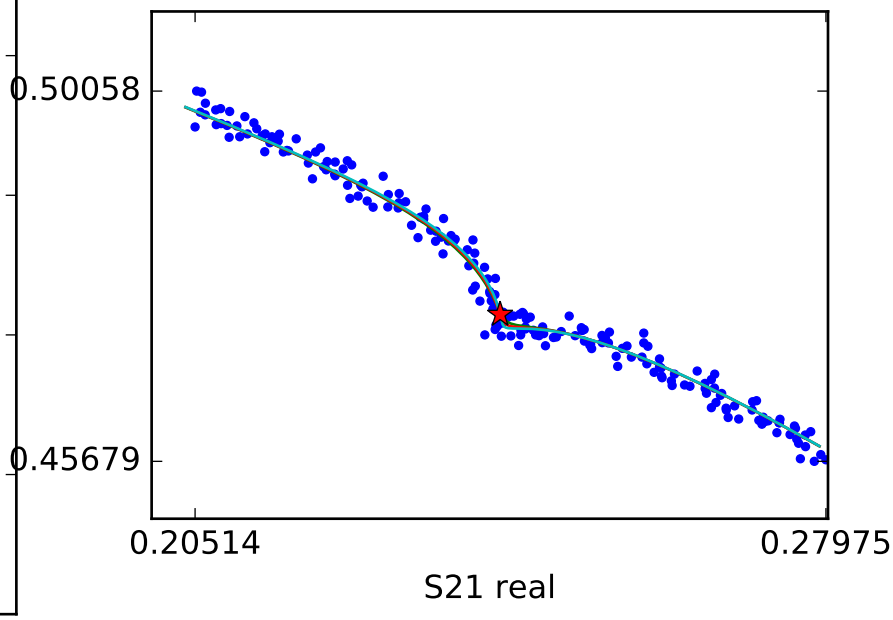


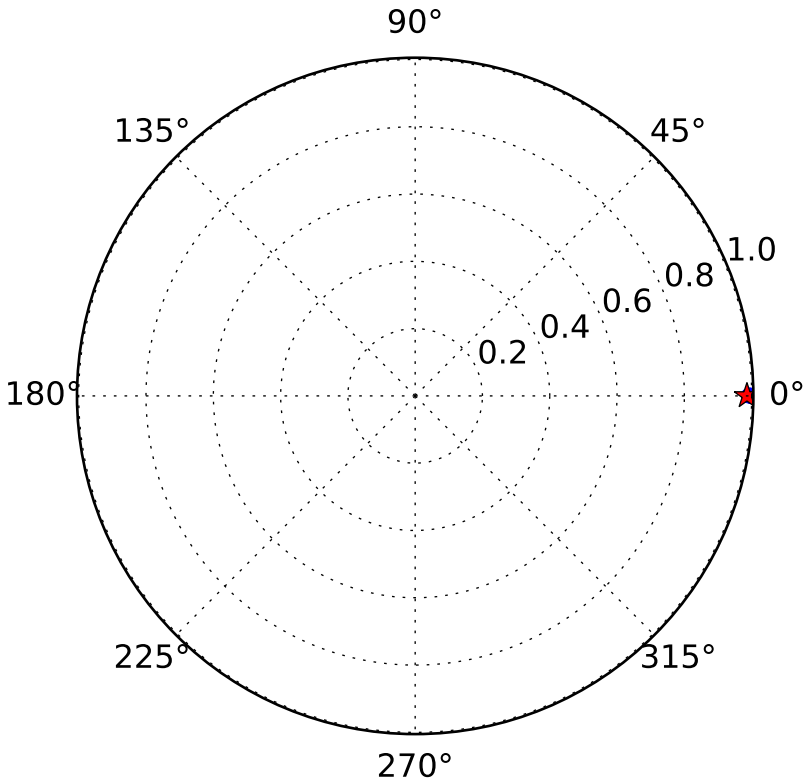


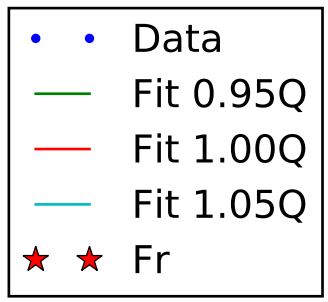
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.24603019164
Qr = 10855.2206917
Qc = 162930.45876
a = (-0.491757680916-0.120449105592j)
phi = 0.431138433003
tau = 25.2509490914



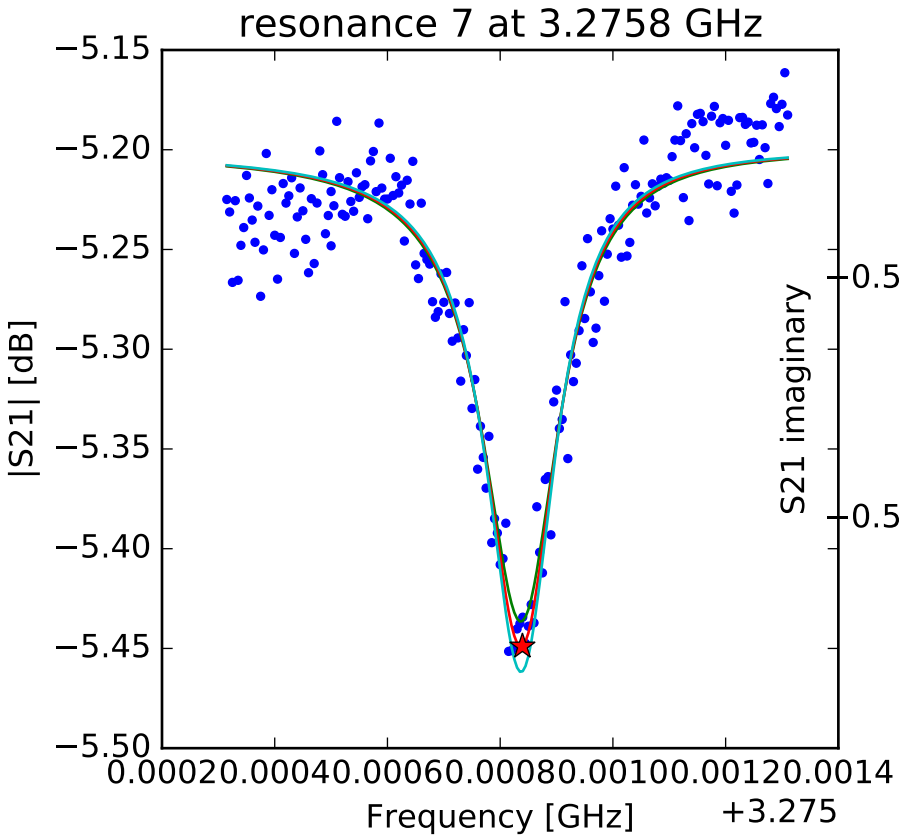


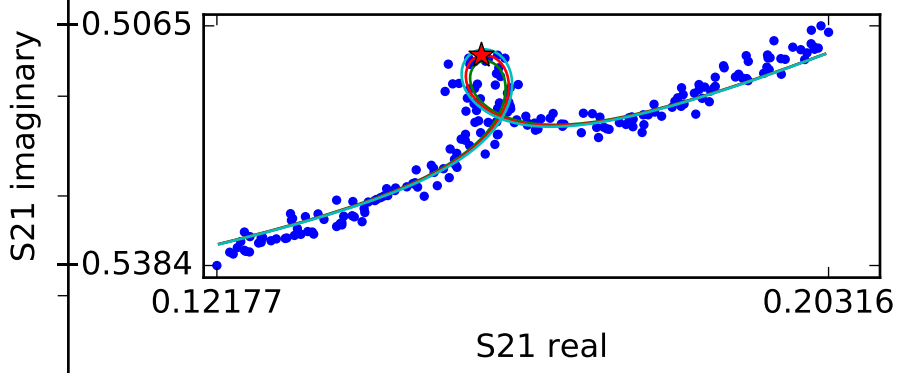


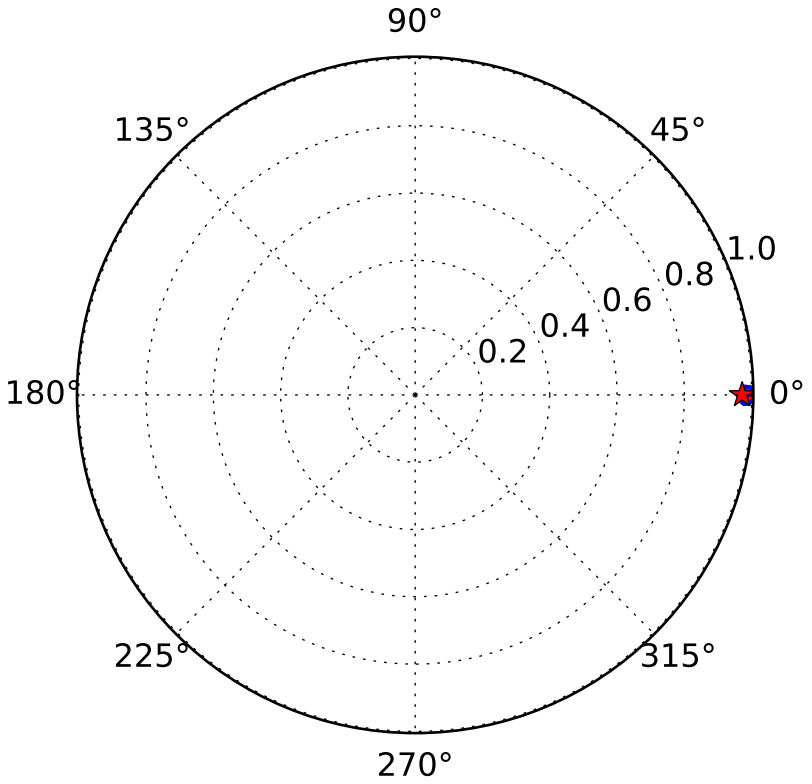


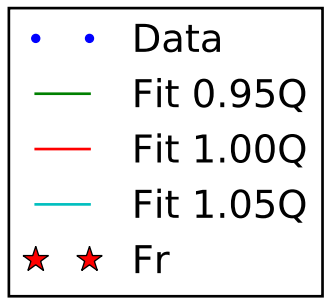
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.26098447977
Qr = 13256.8123545
Qc = 942646.732498
a = (-0.533040119328-0.0735220329134j)
phi = 0.63036571109
tau = 26.171660697



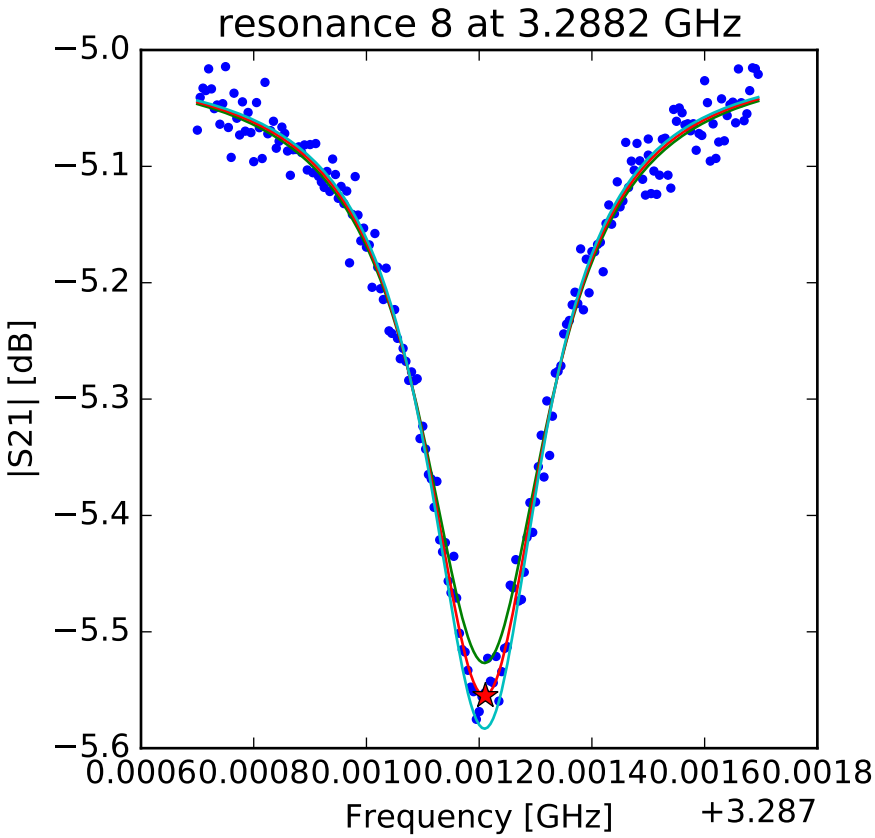


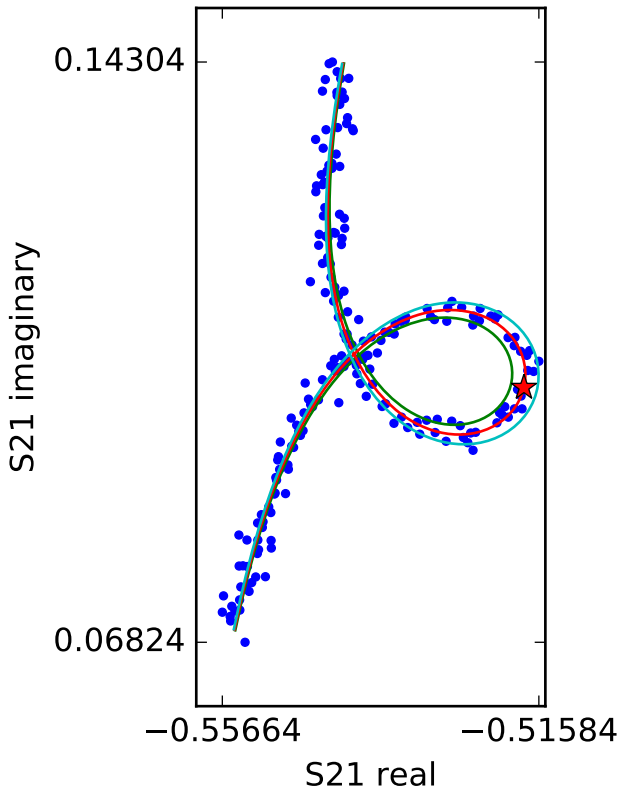


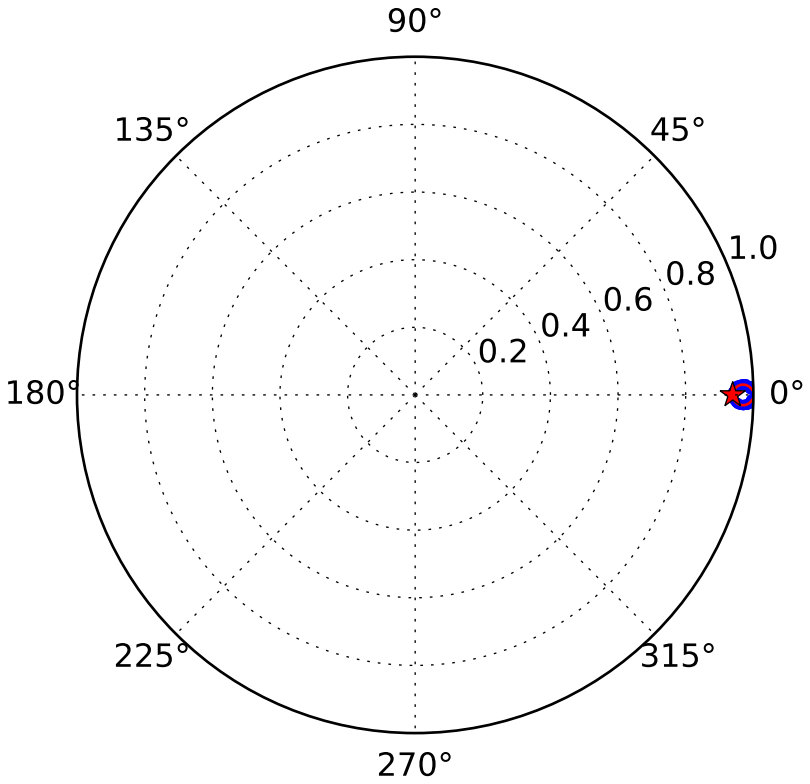


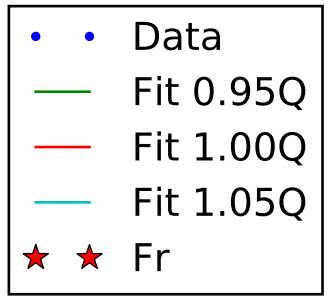
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.2758394823
Qr = 20703.1028741
Qc = 731857.259659
a = (0.478796619089+0.269687258102j)
phi = -0.0661449301085
tau = 26.0343841769



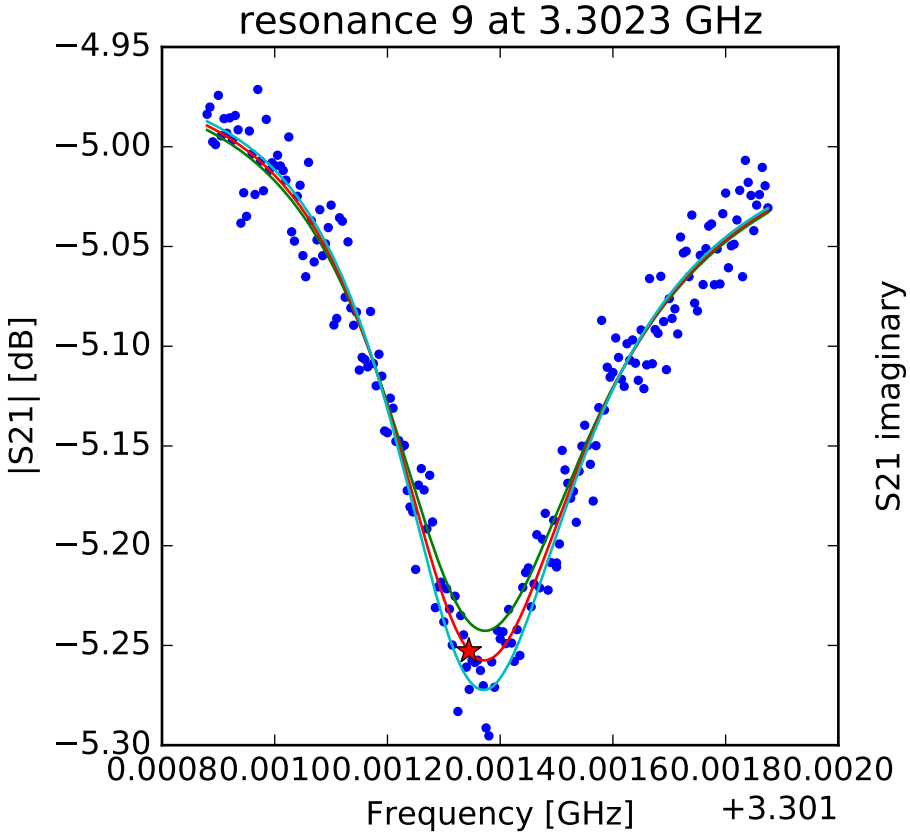


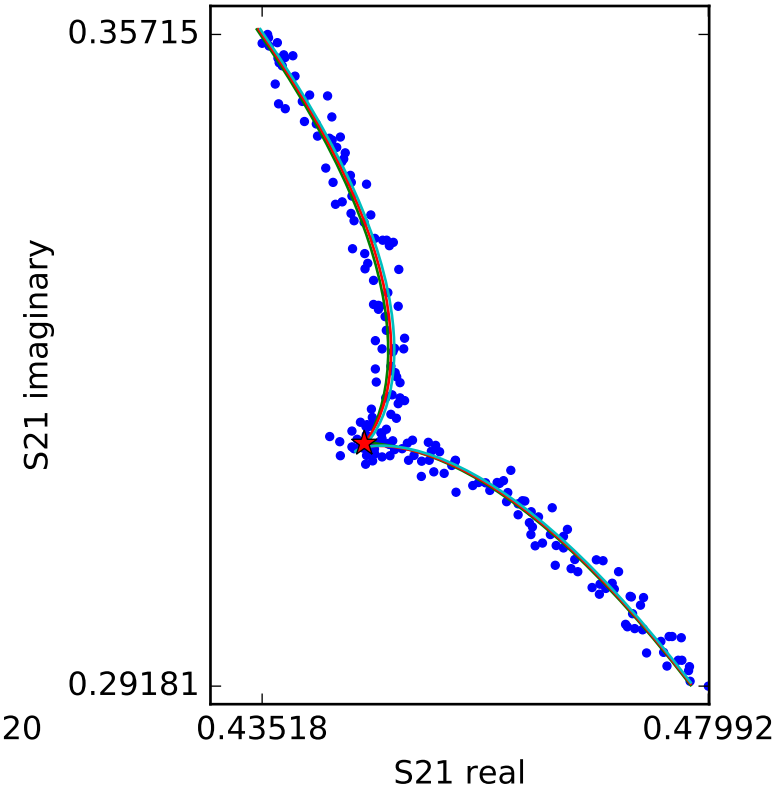


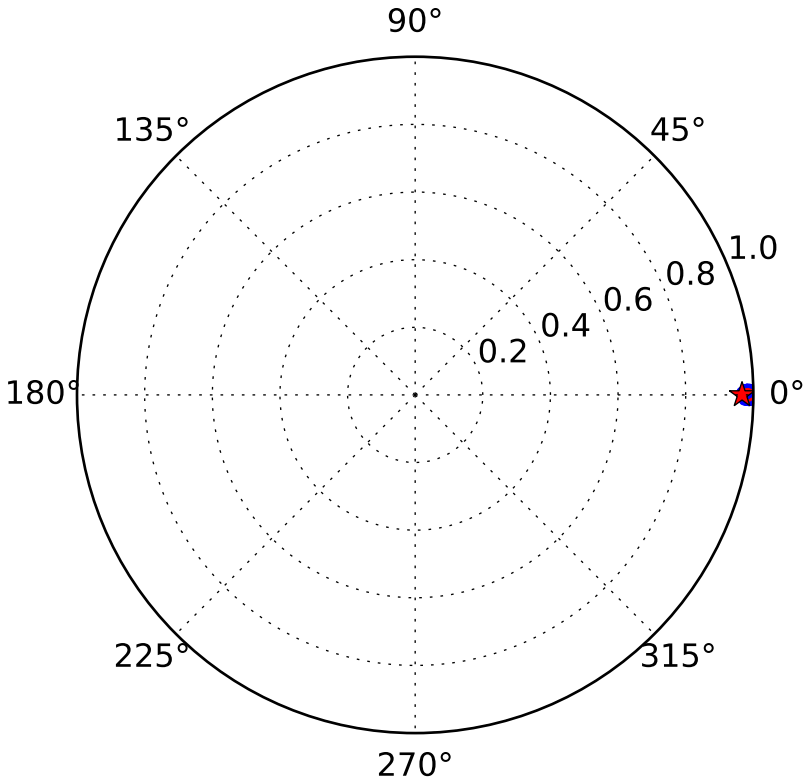


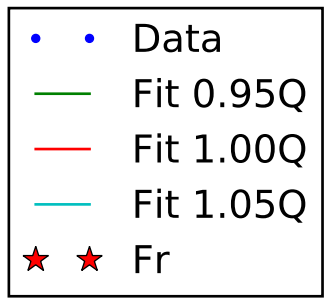
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.28821104783
Qr = 12202.9185306
Qc = 199996.005597
a = (-0.420768060857-0.372263236639j)
phi = -0.0233087040581
tau = 26.1985019189



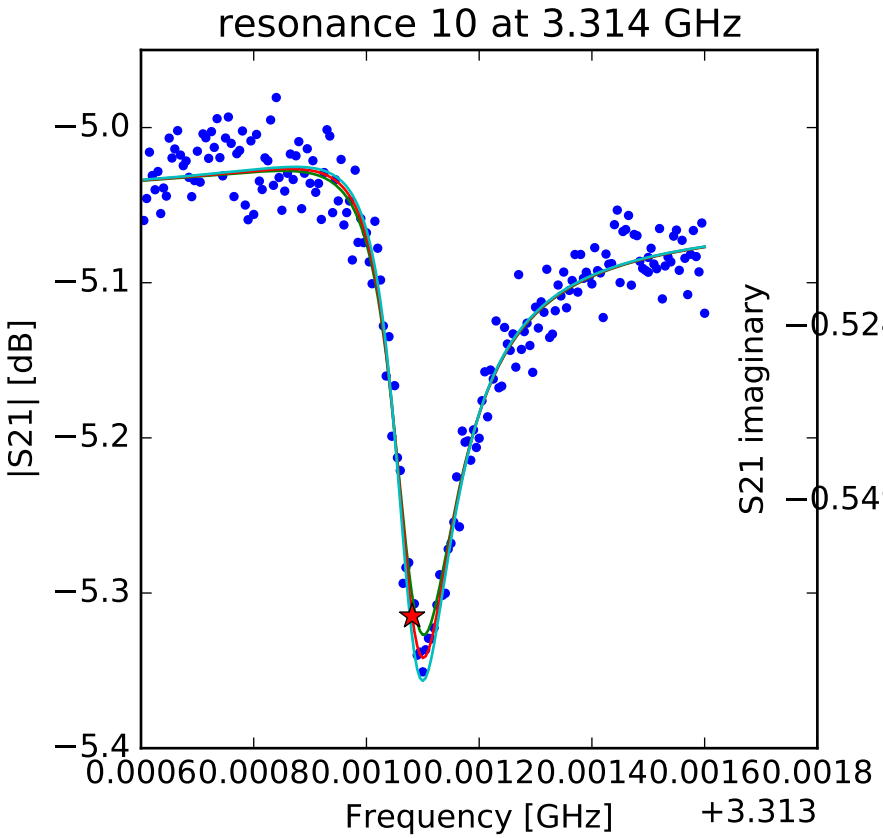


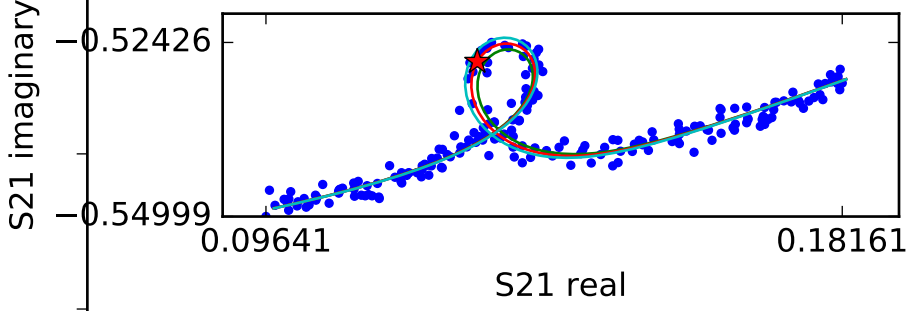


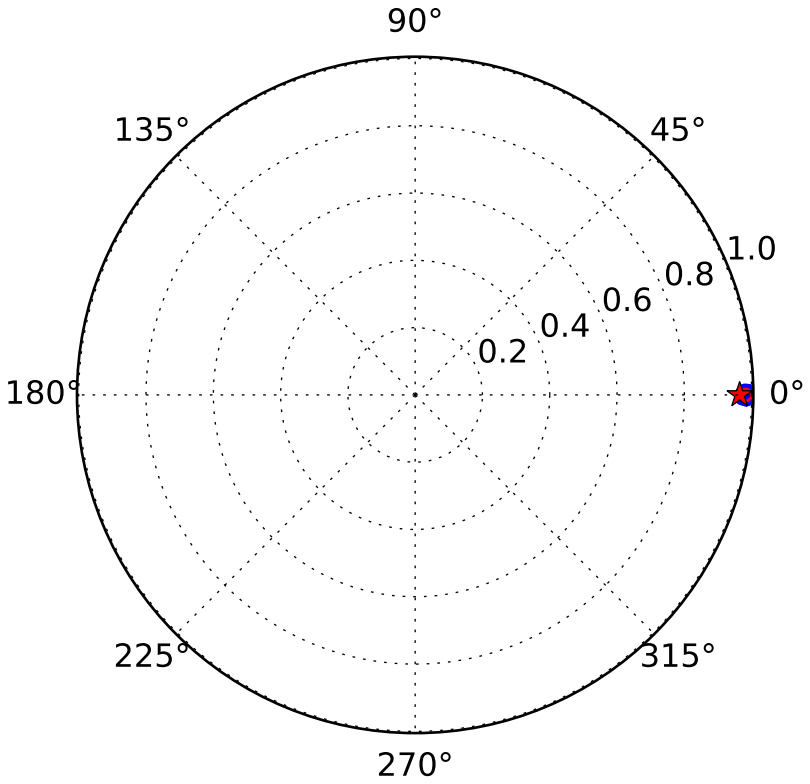


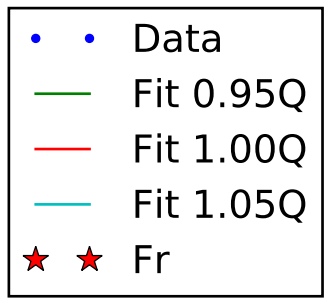
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.30234435295
Qr = 7530.80513674
Qc = 224720.39015
a = (0.551532086908-0.120524196344j)
phi = 0.244948748461
tau = 26.3043988172



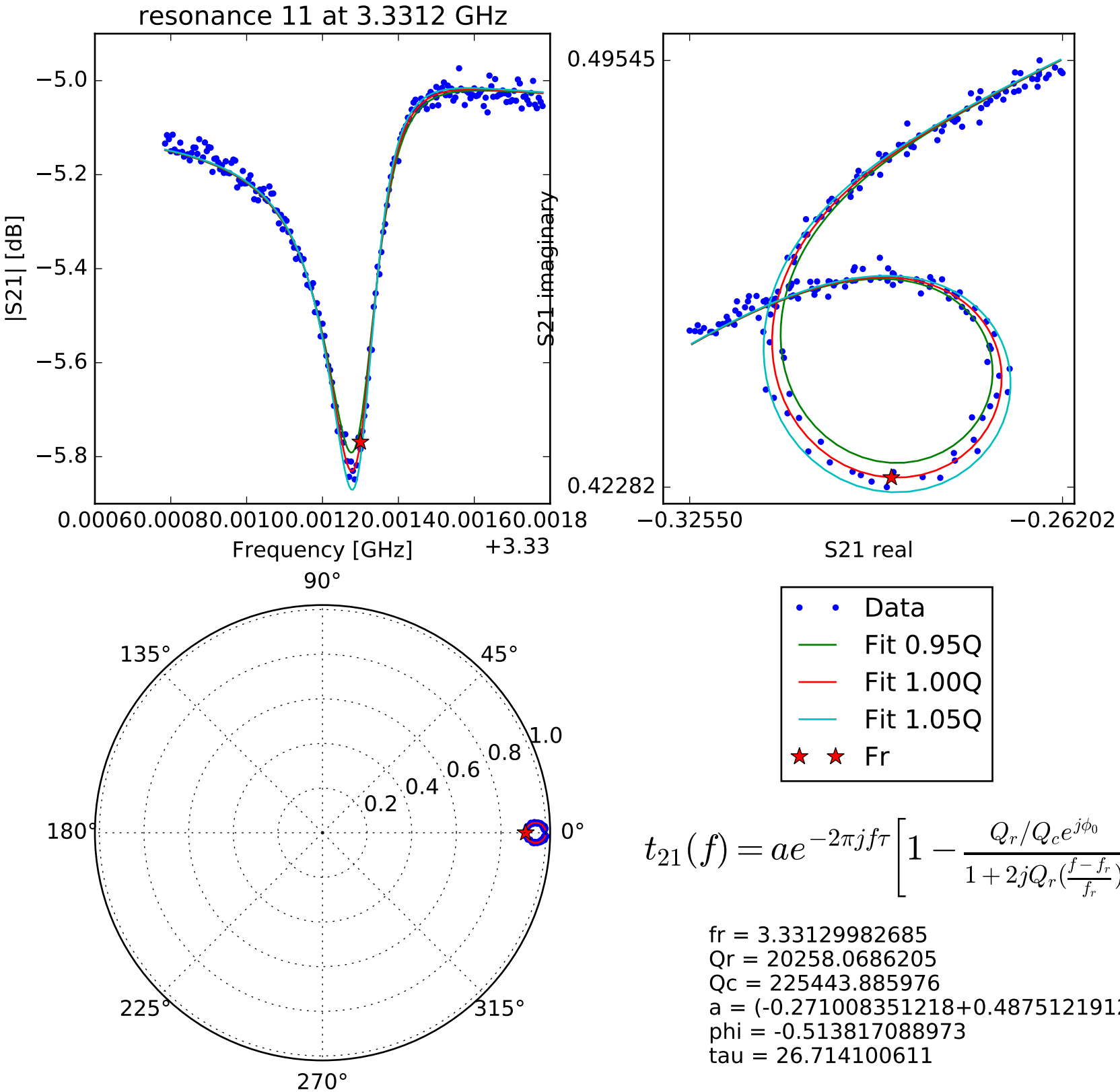






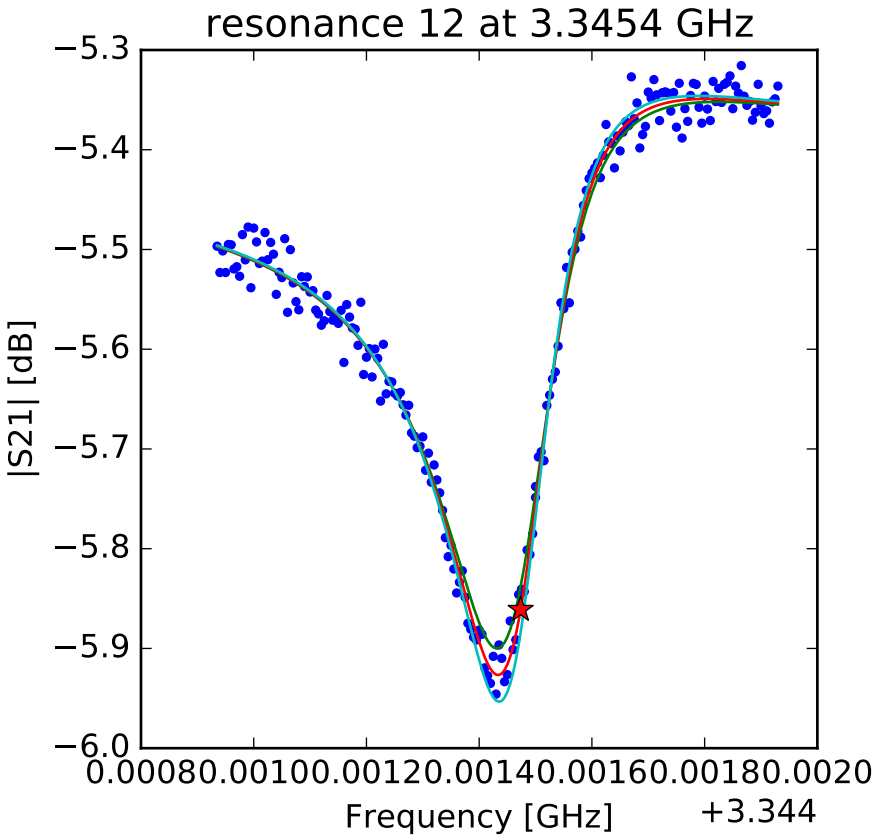
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

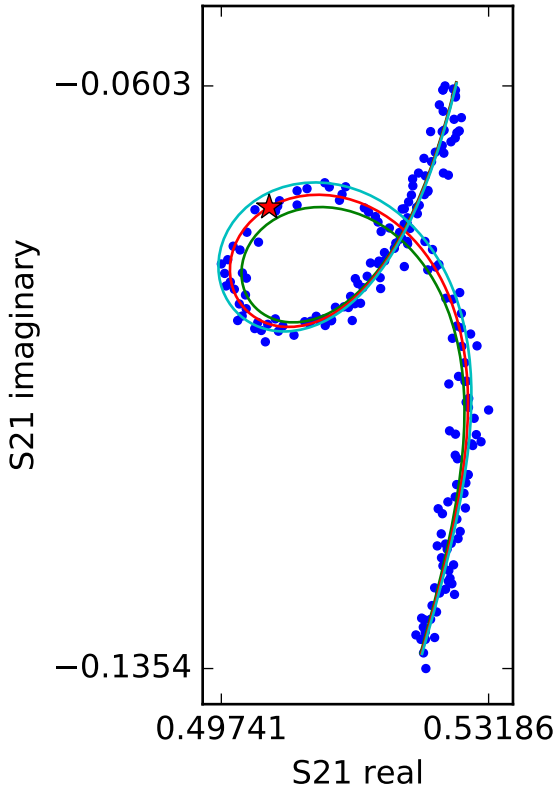
fr = 3.31408106478
Qr = 25288.6877664
Qc = 707290.608571
a = (-0.105378634962+0.548972809154j)
phi = 0.573745467311
tau = 26.0974854864

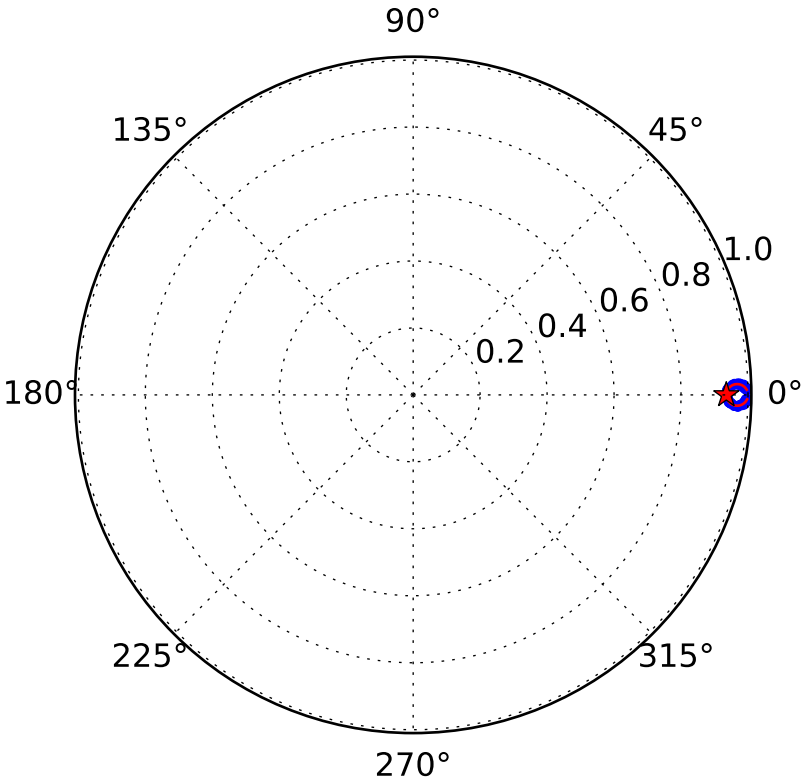


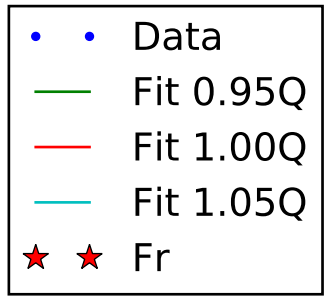
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.33129982685
Qr = 20258.0686205
Qc = 225443.885976
a = (-0.271008351218+0.487512191203j)
phi = -0.513817088973
tau = 26.714100611



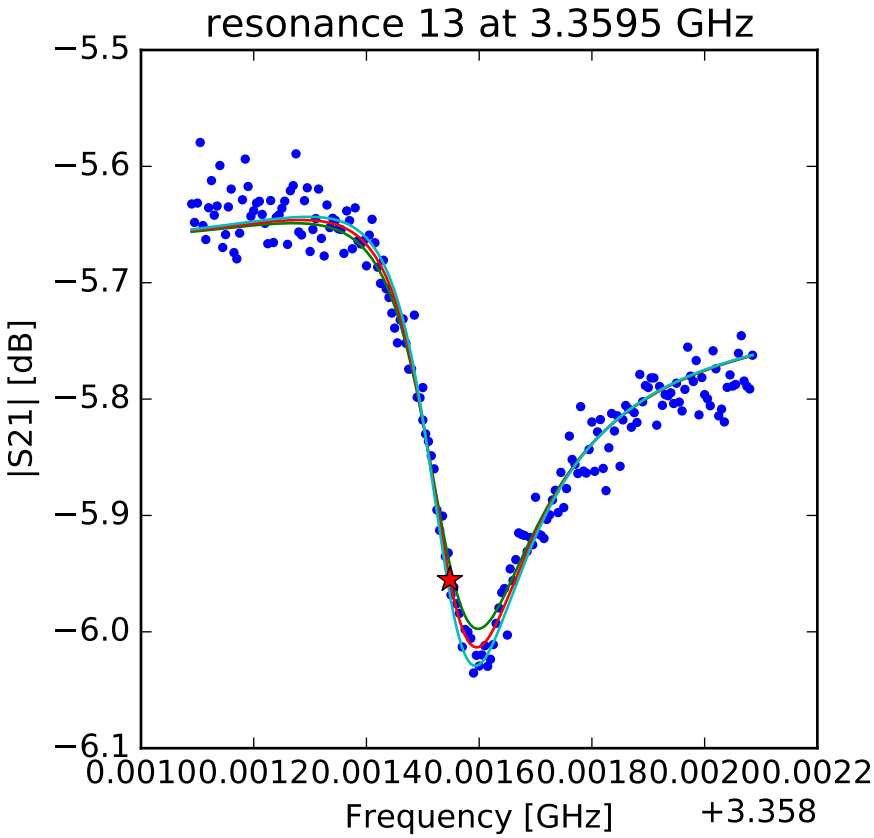


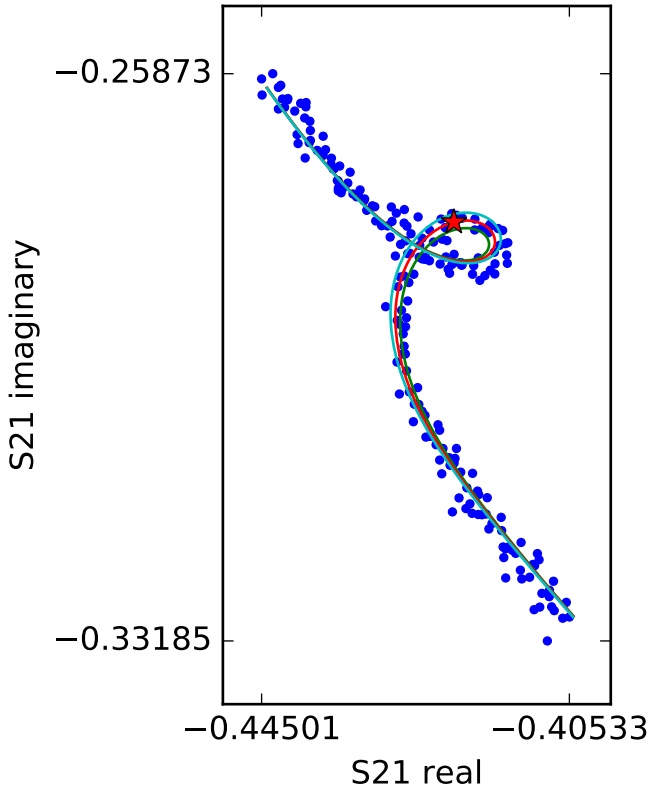


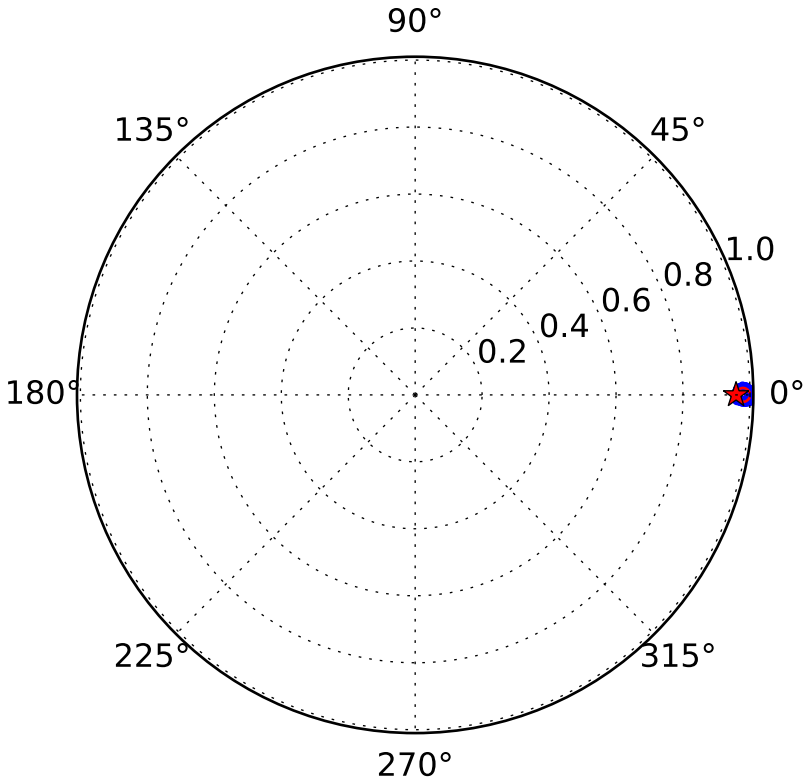


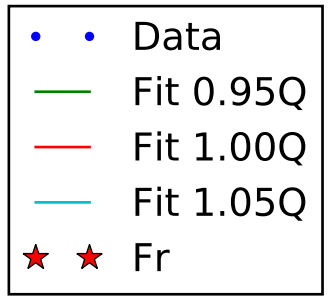
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.34547358185
Qr = 14504.0266407
Qc = 223864.328139
a = (-0.115582740665-0.523982660593j)
phi = -0.646952003847
tau = 25.6303970335



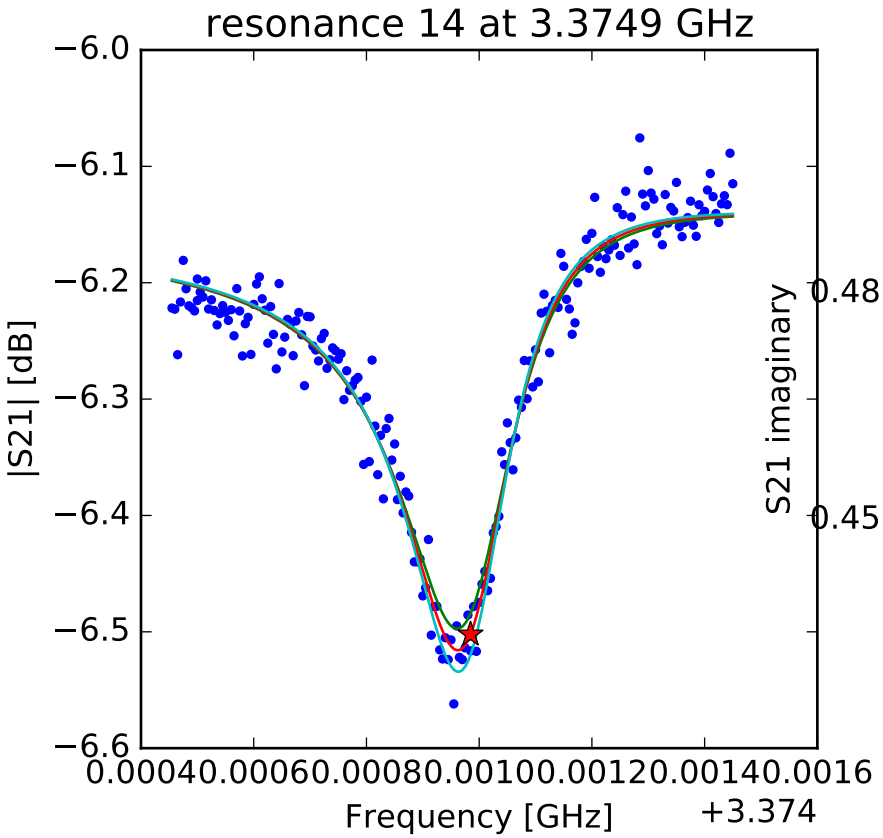


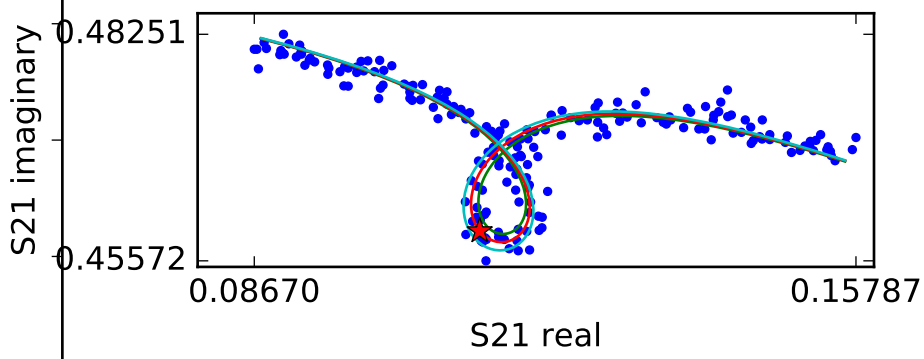


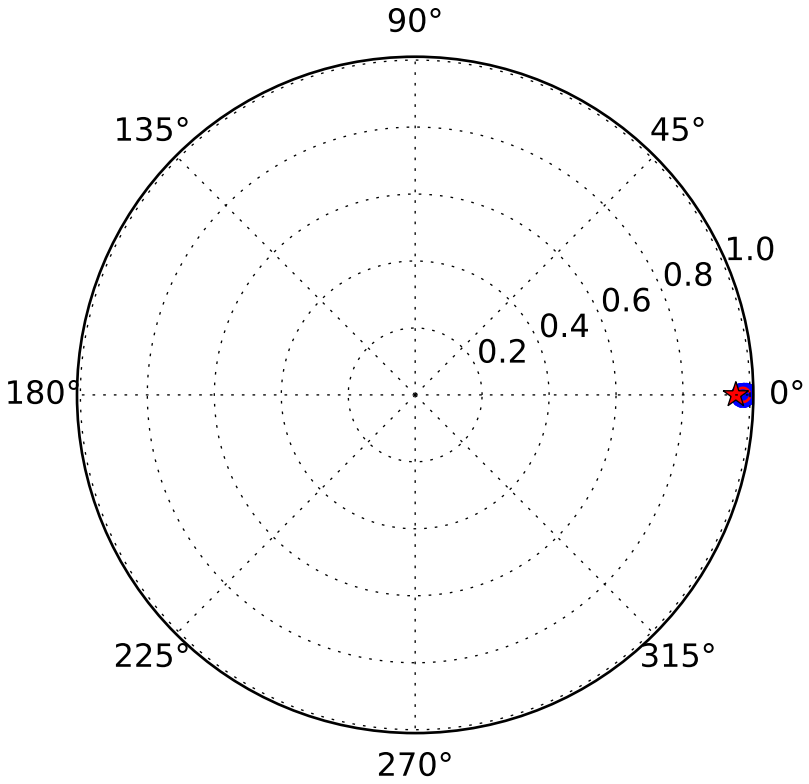


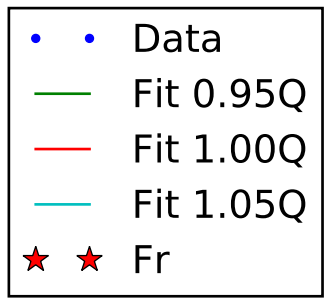
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.35954790111
Qr = 14985.17682
Qc = 359633.179848
a = (0.481473293426+0.193189518431j)
phi = 0.788242293521
tau = 26.3317891642



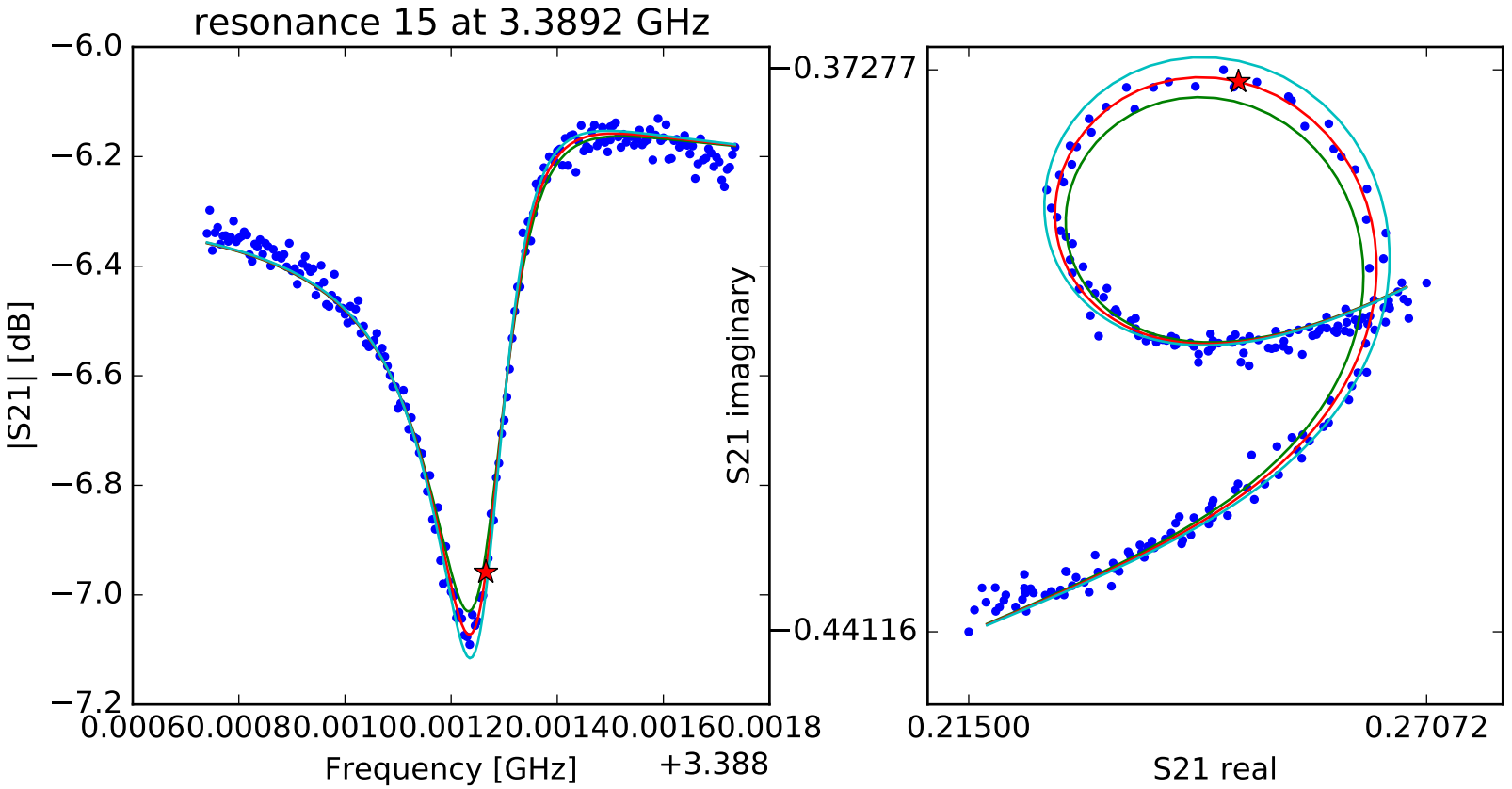


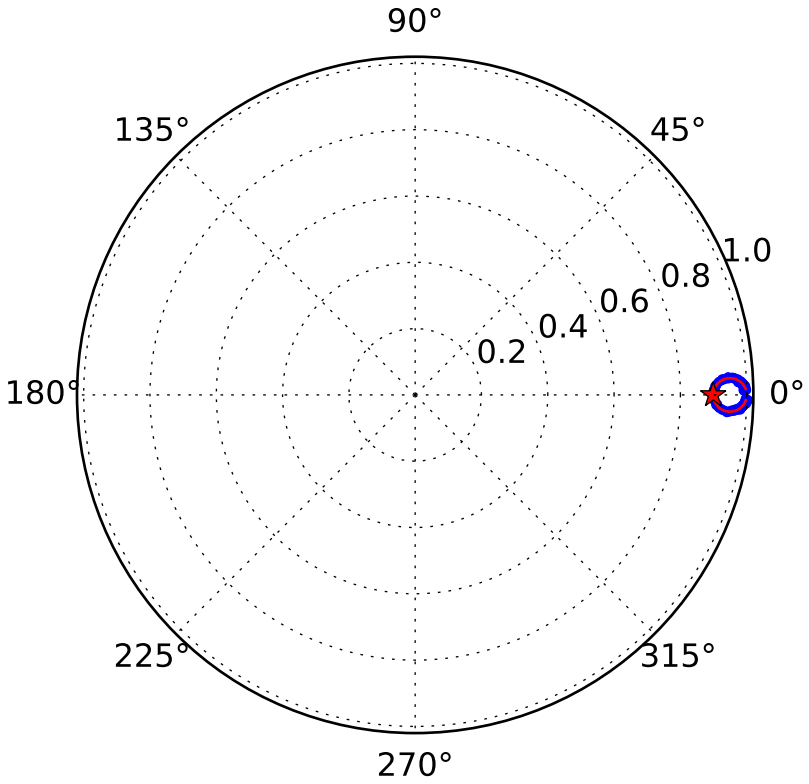


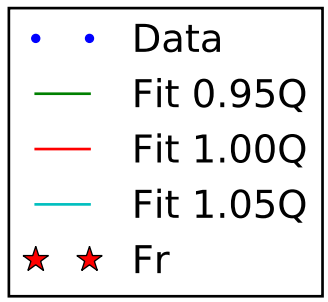


$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.37498461274
Qr = 14241.9816477
Qc = 336278.18049
a = (-0.491251744711+0.0339523185798j)
phi = -0.369105928139
tau = 25.8608779489

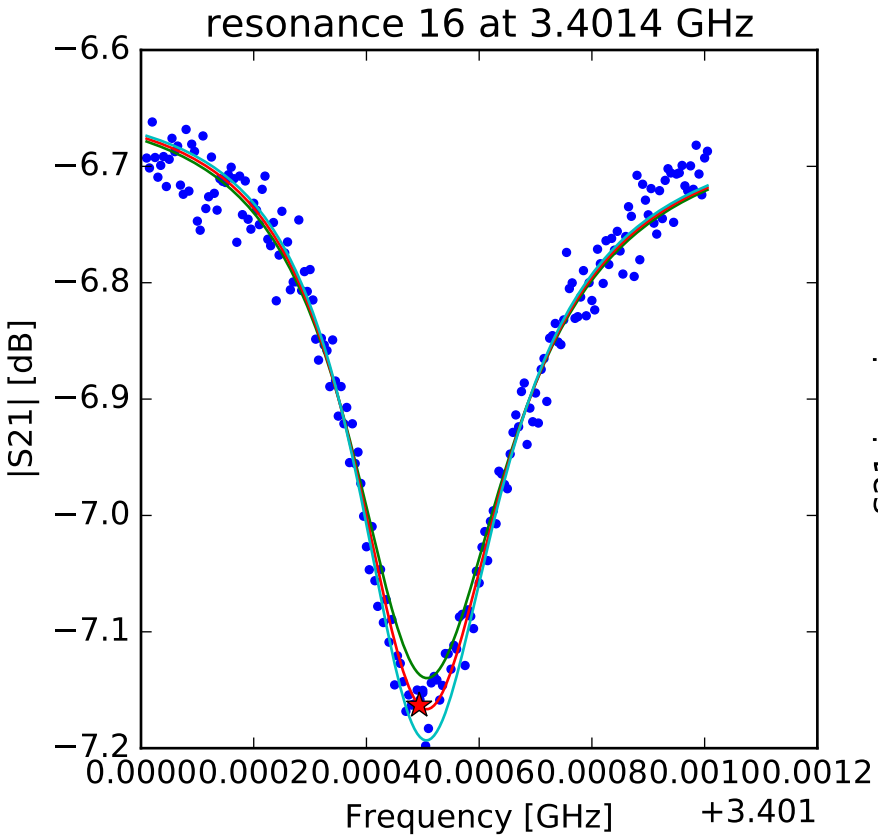


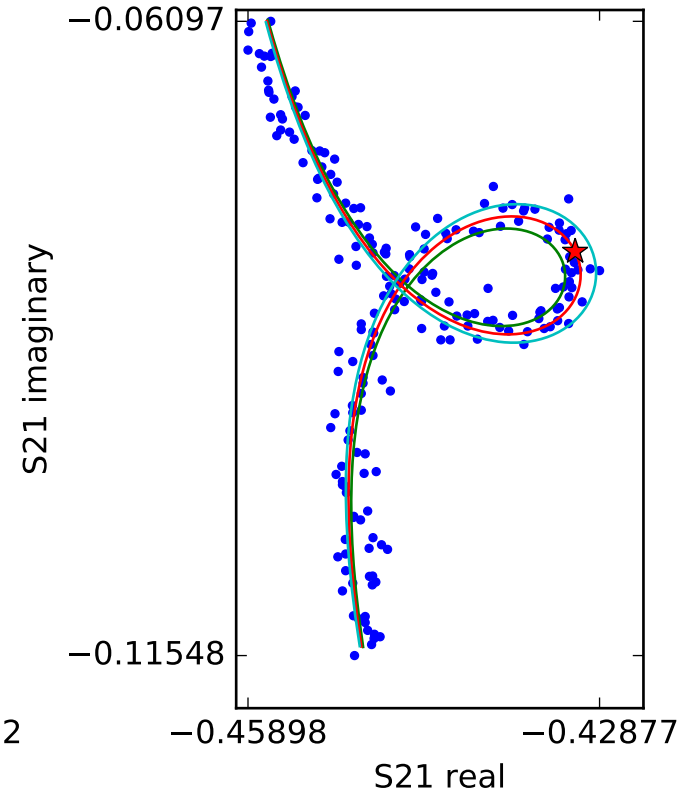


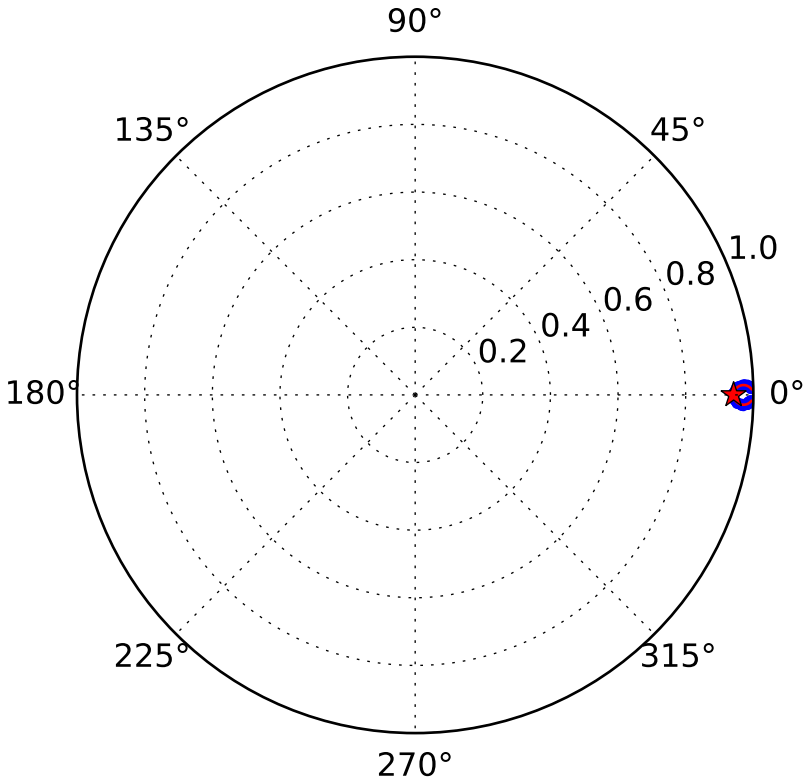


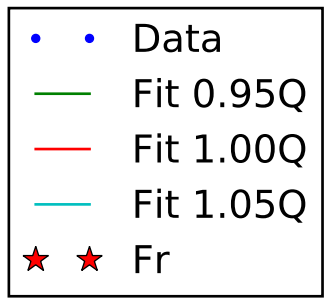
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.38926548161
Qr = 19537.5660544
Qc = 193249.089449
a = (0.451426034298+0.182225196906j)
phi = -0.655993305644
tau = 25.7367310834



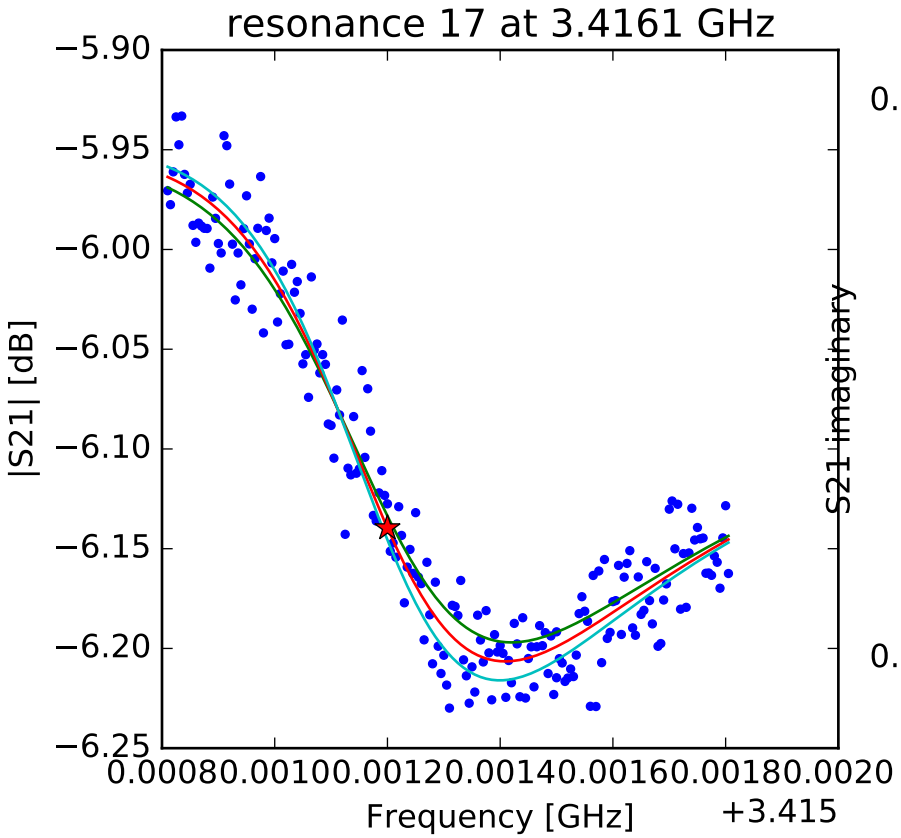


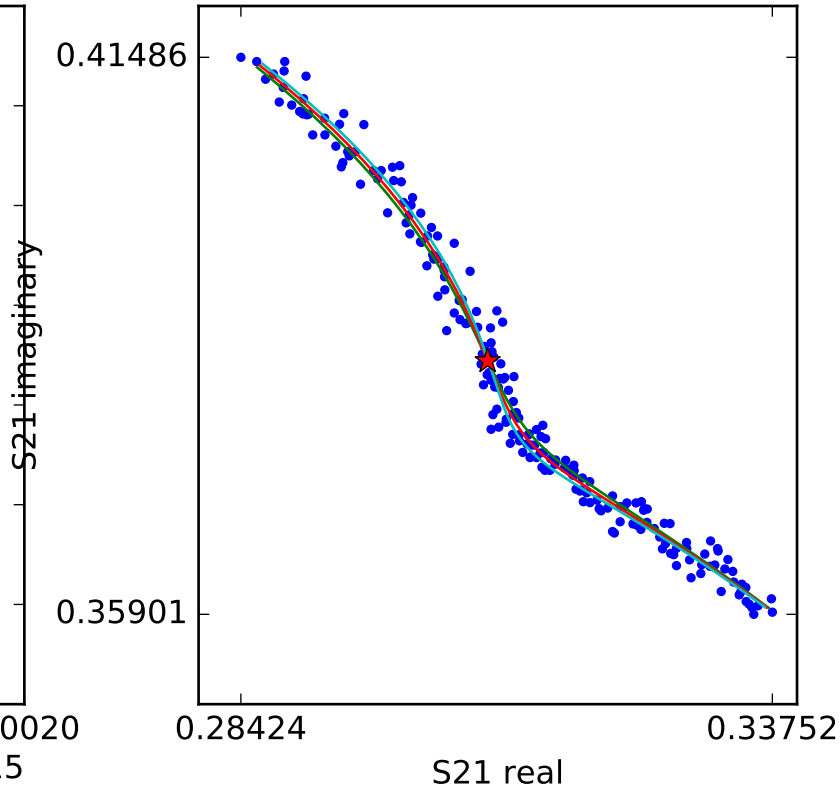


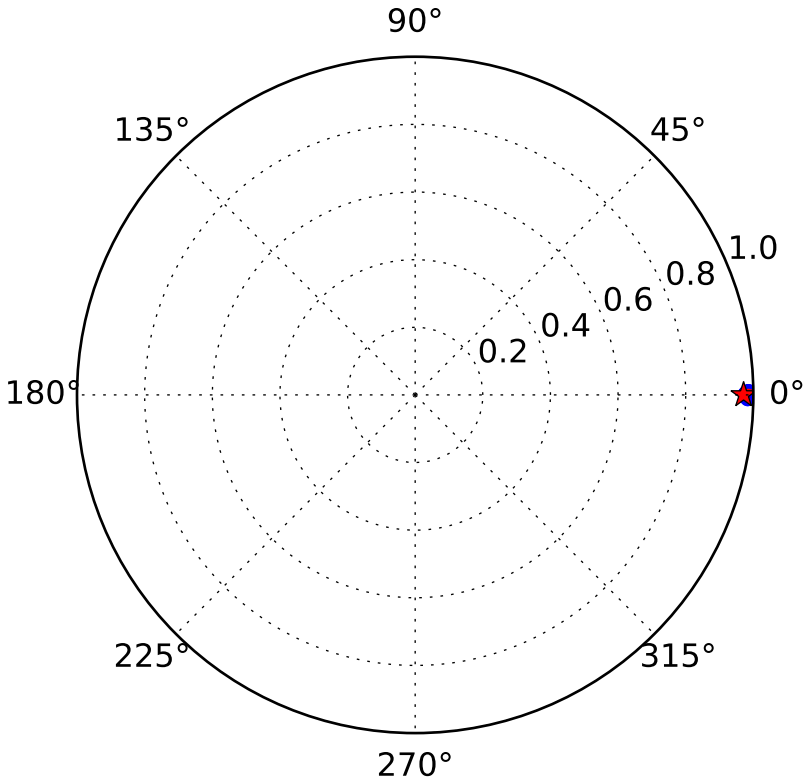


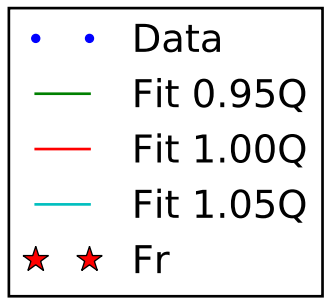
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.4014936184
Qr = 10073.0842521
Qc = 172469.159261
a = (-0.0674135233787-0.460299504384j)
phi = 0.151746627936
tau = 24.4586310429



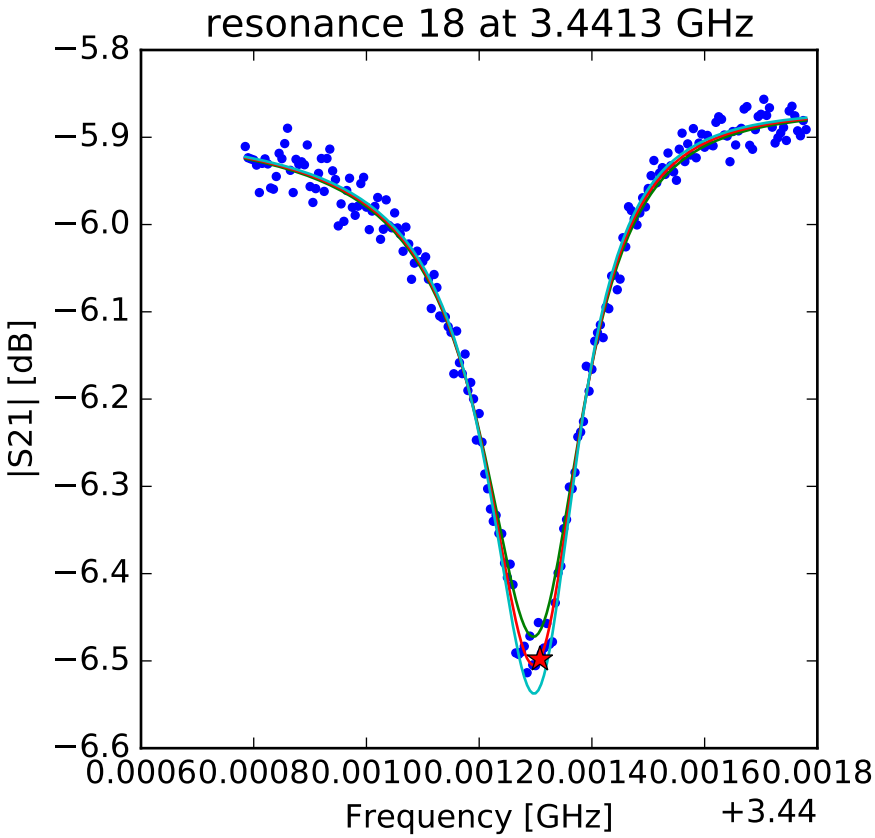


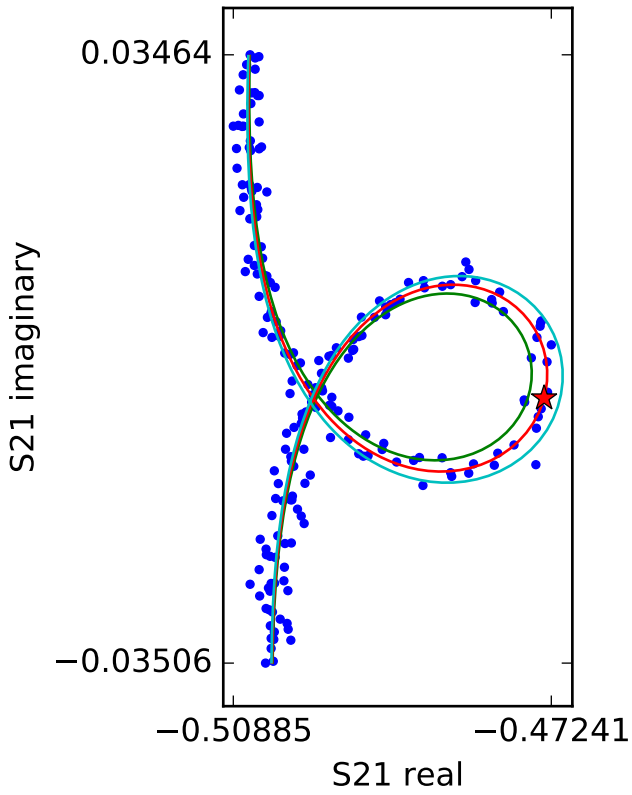


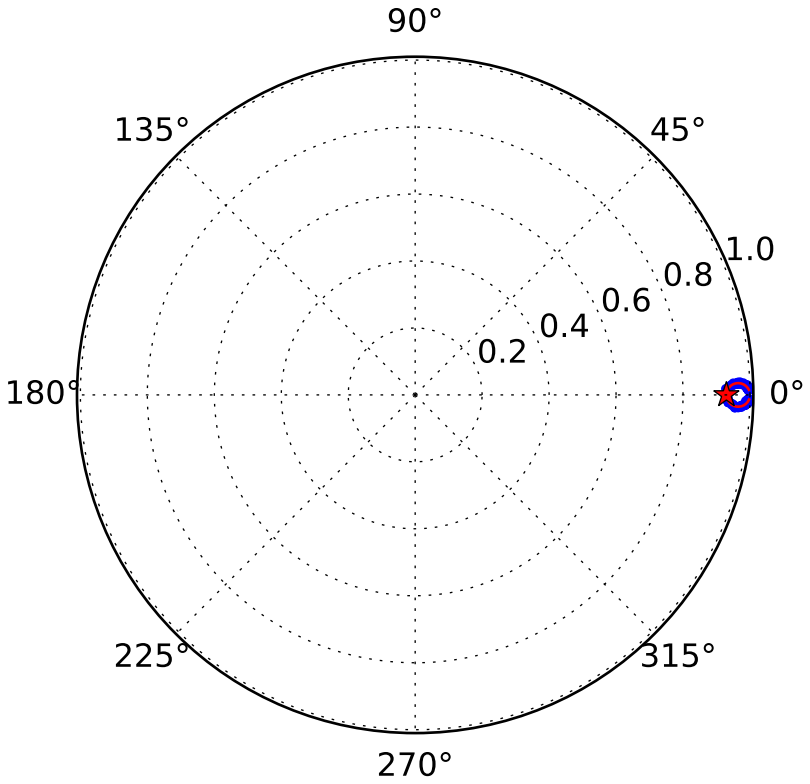


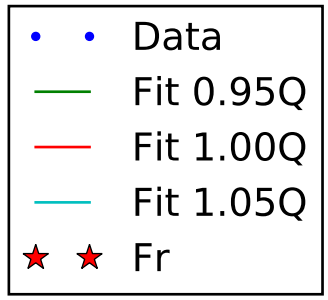
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.41619994896
Qr = 4823.88293547
Qc = 166854.479874
a = (0.457094923547-0.20306508399j)
phi = 1.05469199541
tau = 26.5754811203



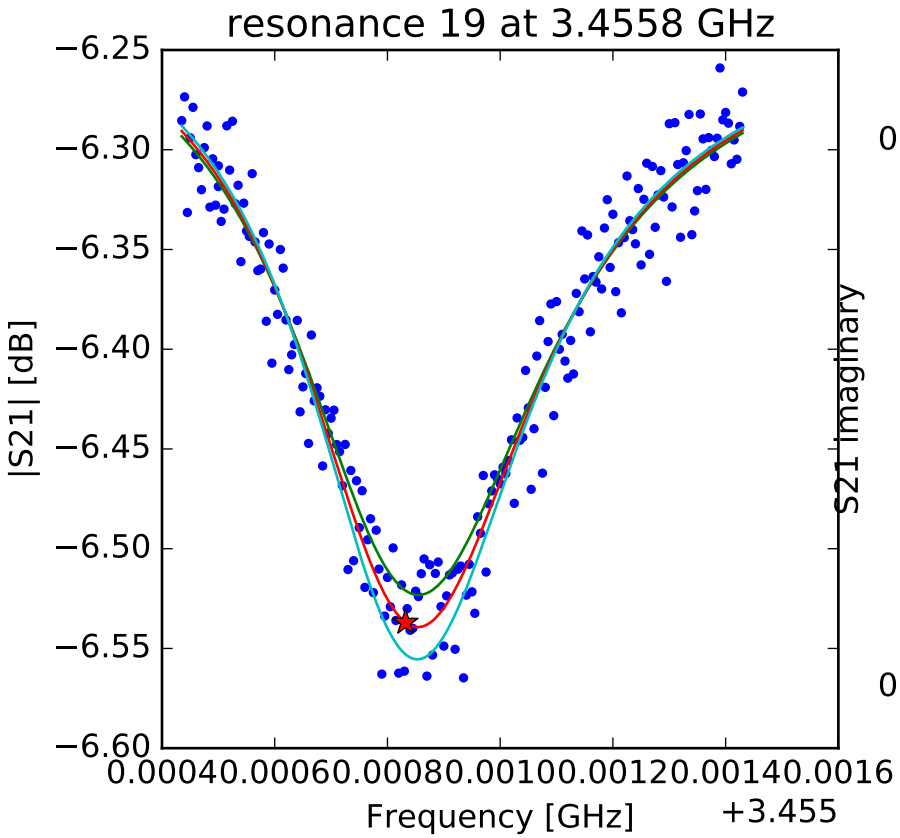


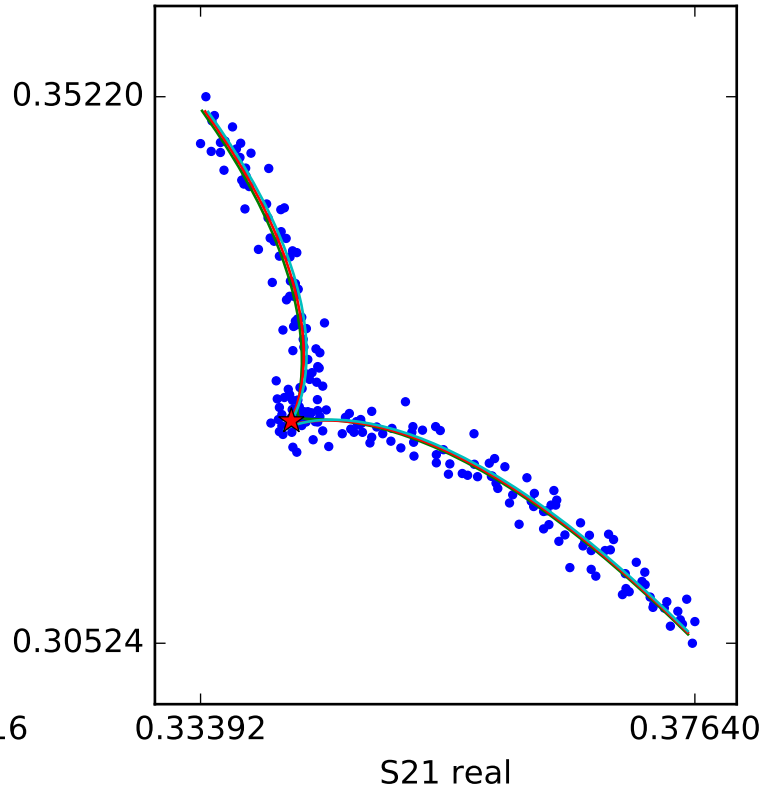


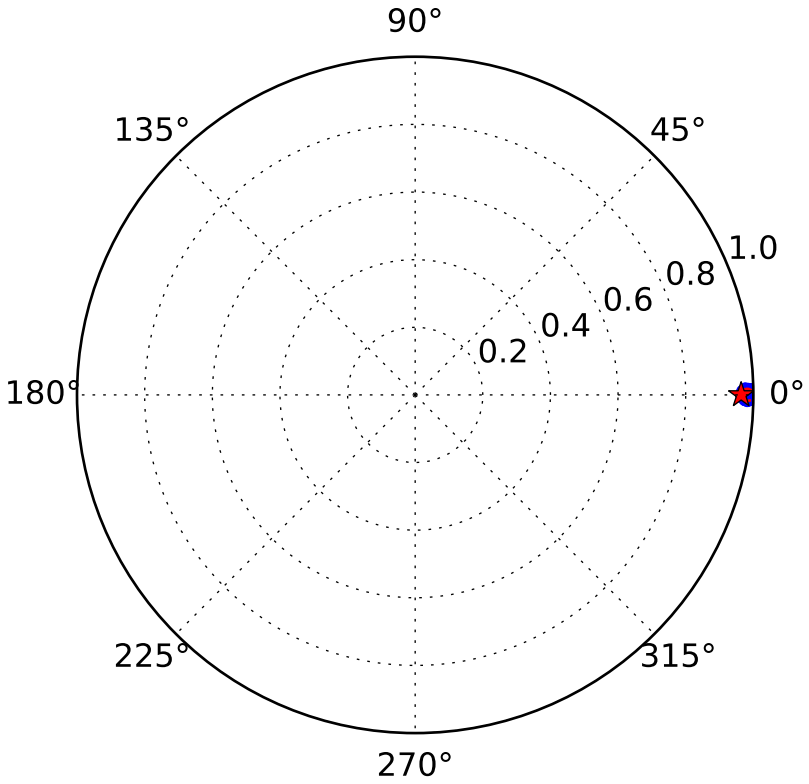


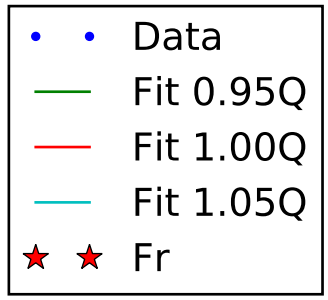
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.44130774734
Qr = 16025.6377535
Qc = 227236.270581
a = (0.286002144189-0.420300616304j)
phi = -0.195318725015
tau = 26.5439365437



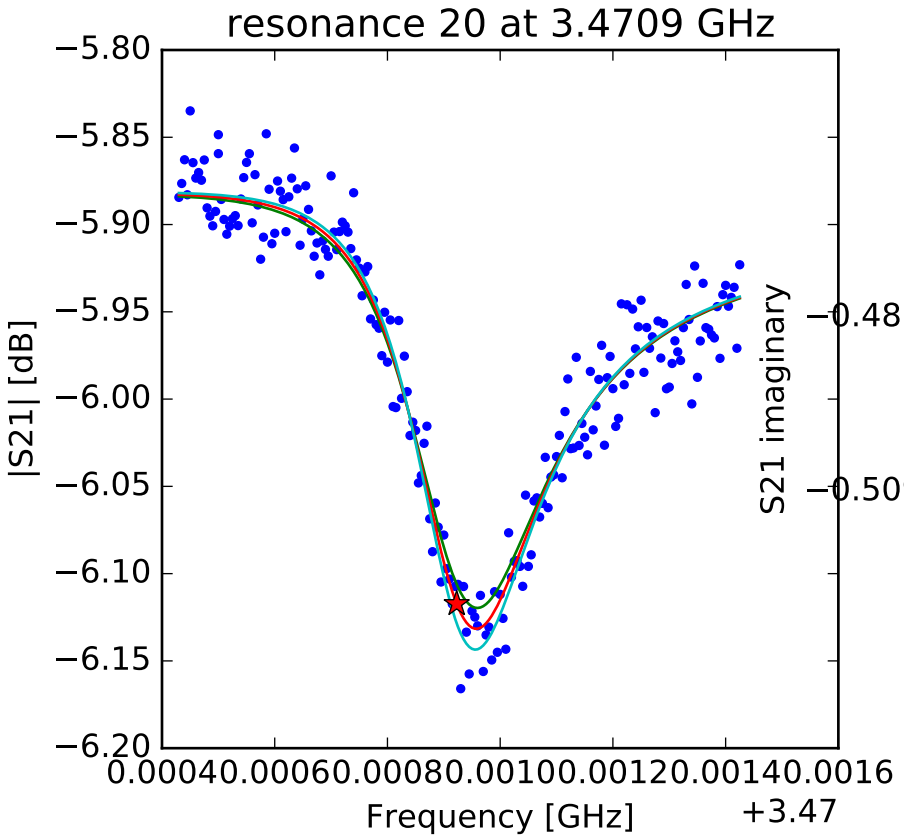


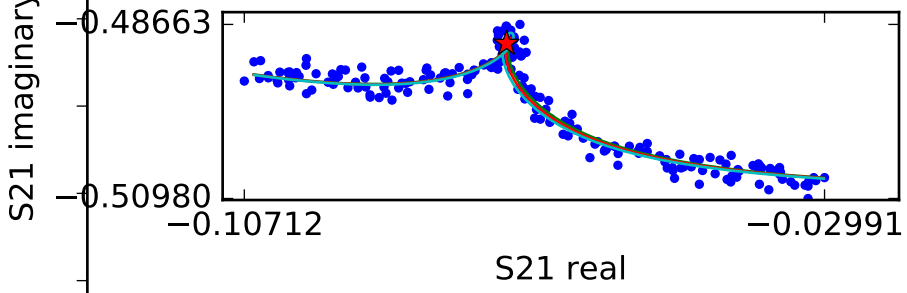


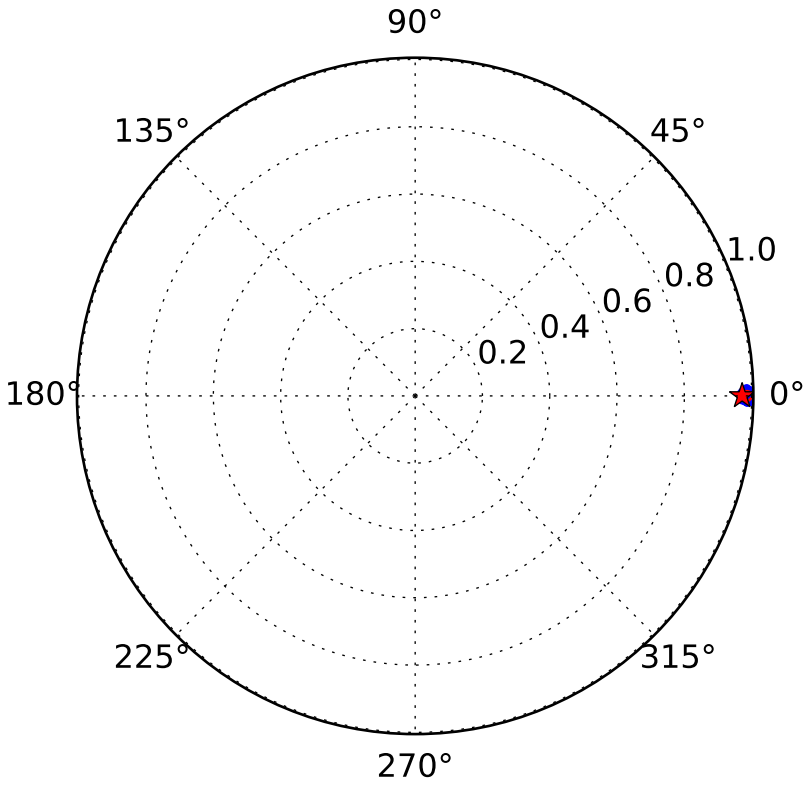


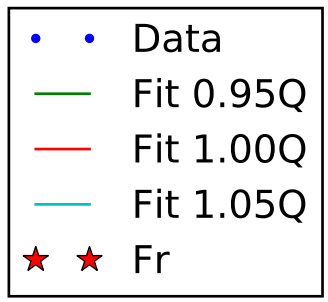
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.45583206138
Qr = 6633.878147
Qc = 183905.293442
a = (-0.394300431699-0.288397934408j)
phi = 0.165239525624
tau = 25.0239823404



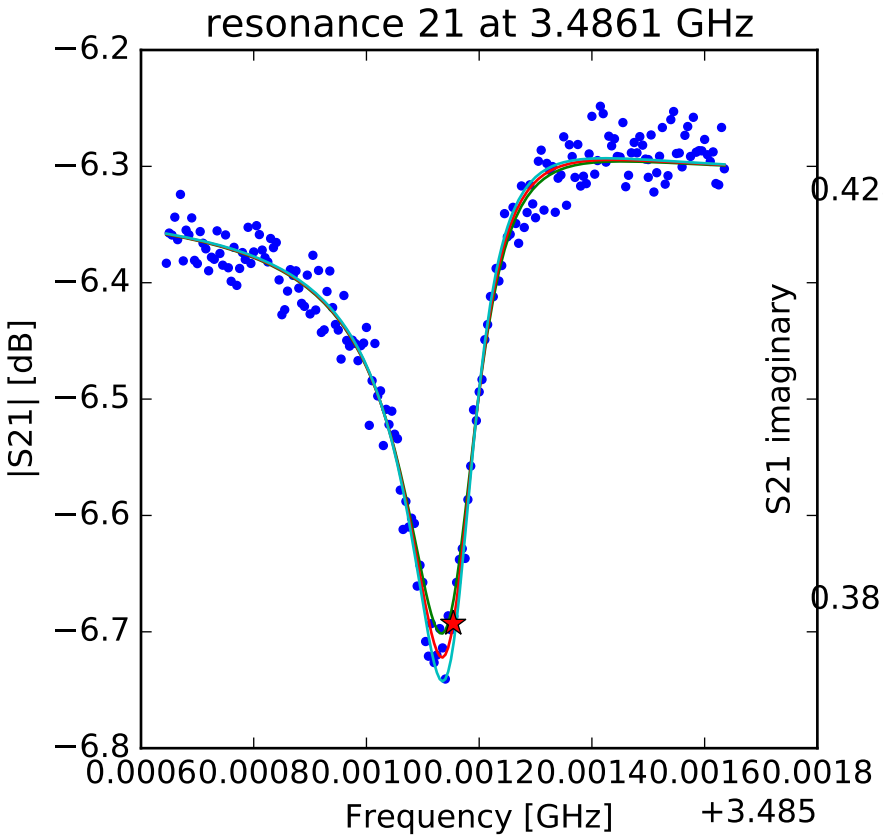


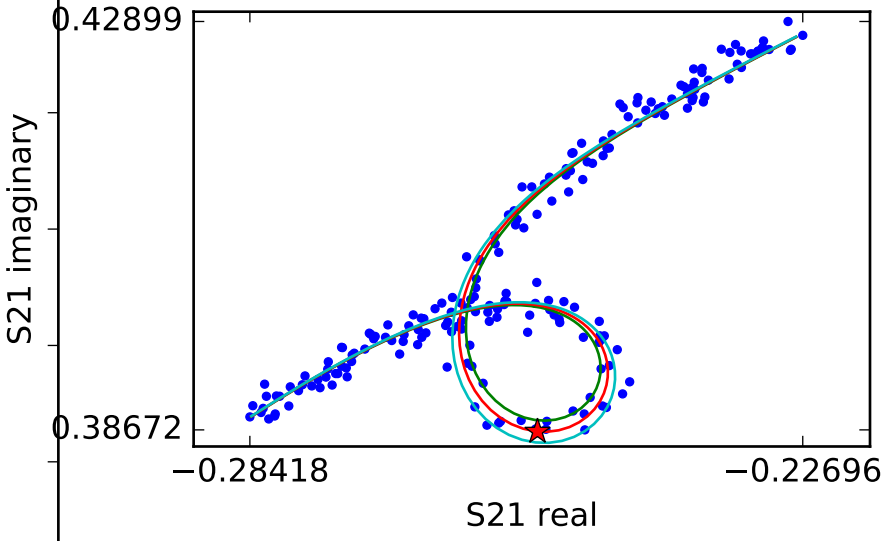


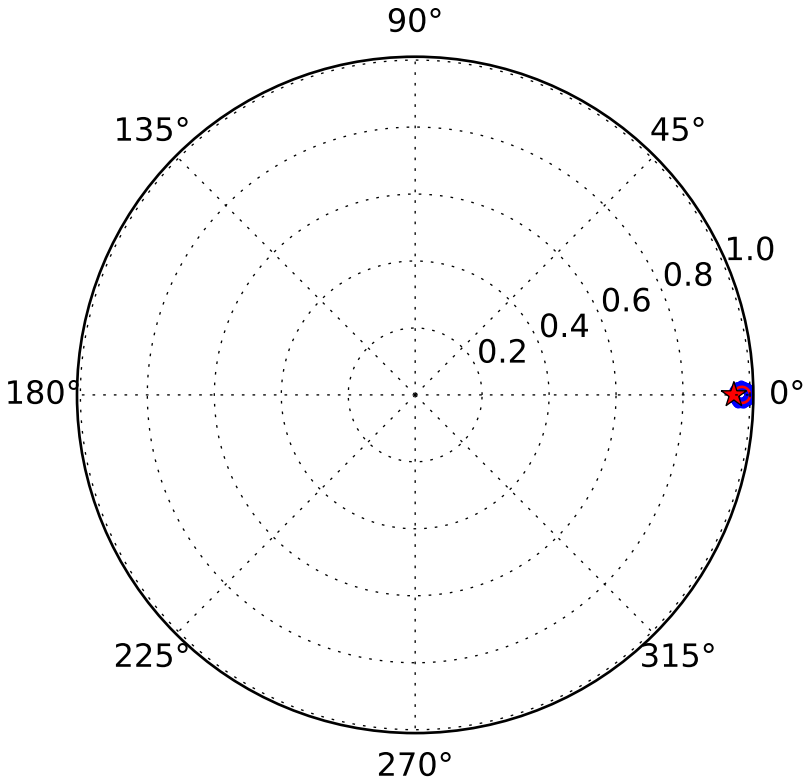


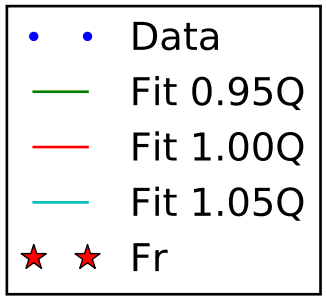
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.47092281612
Qr = 12132.1180387
Qc = 428260.997938
a = (-0.126372820338-0.491232737651j)
phi = 0.470745525854
tau = 26.5004909737



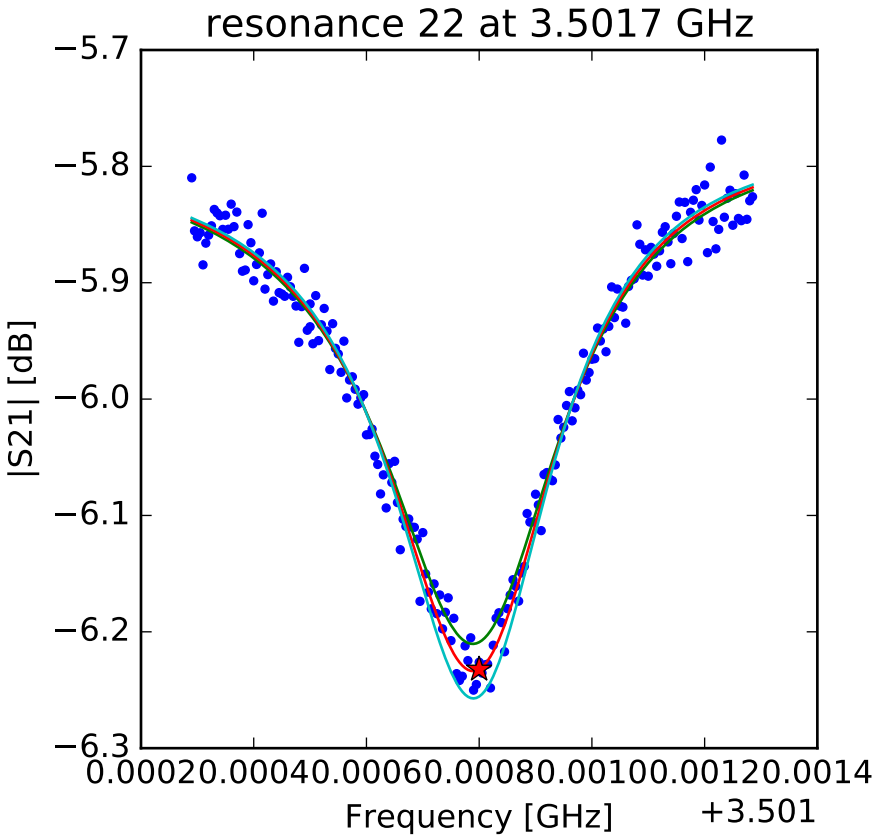


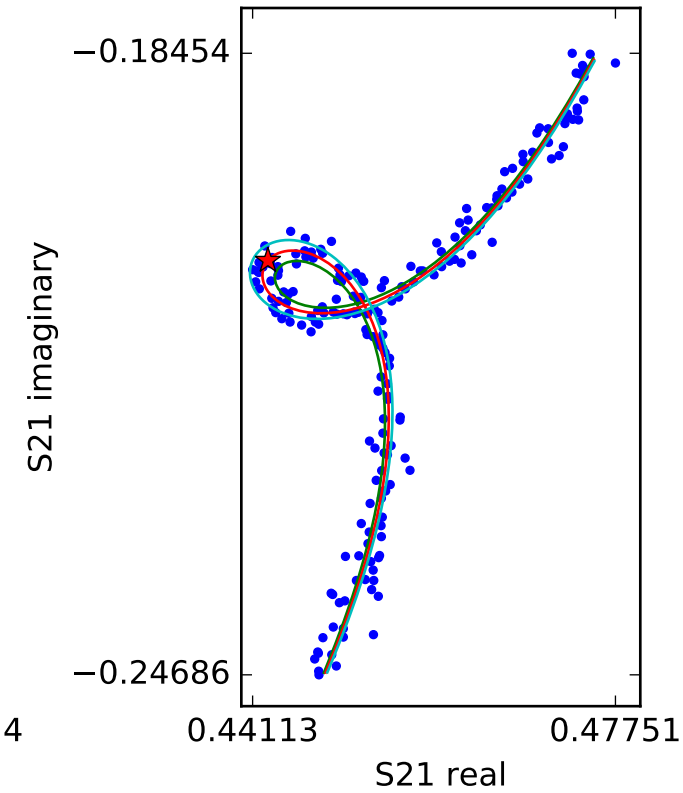


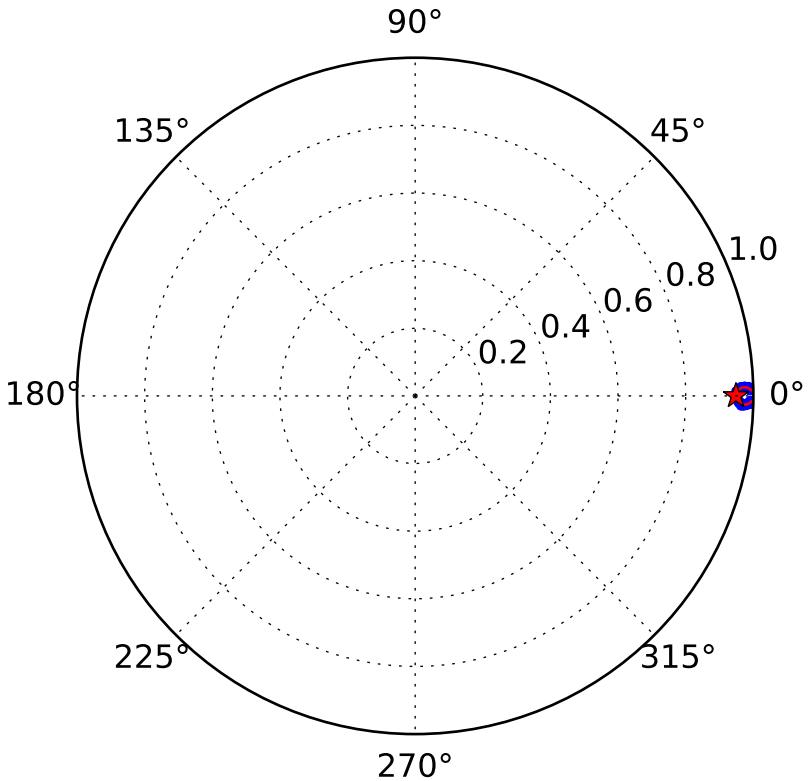


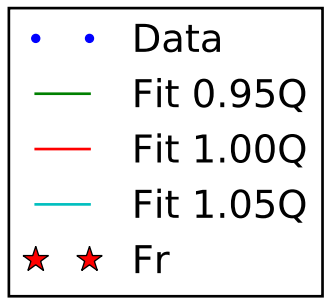
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.48615404285
Qr = 23243.5941644
Qc = 482199.674828
a = (0.257701071107+0.408502808543j)
phi = -0.505647891295
tau = 24.9047130768



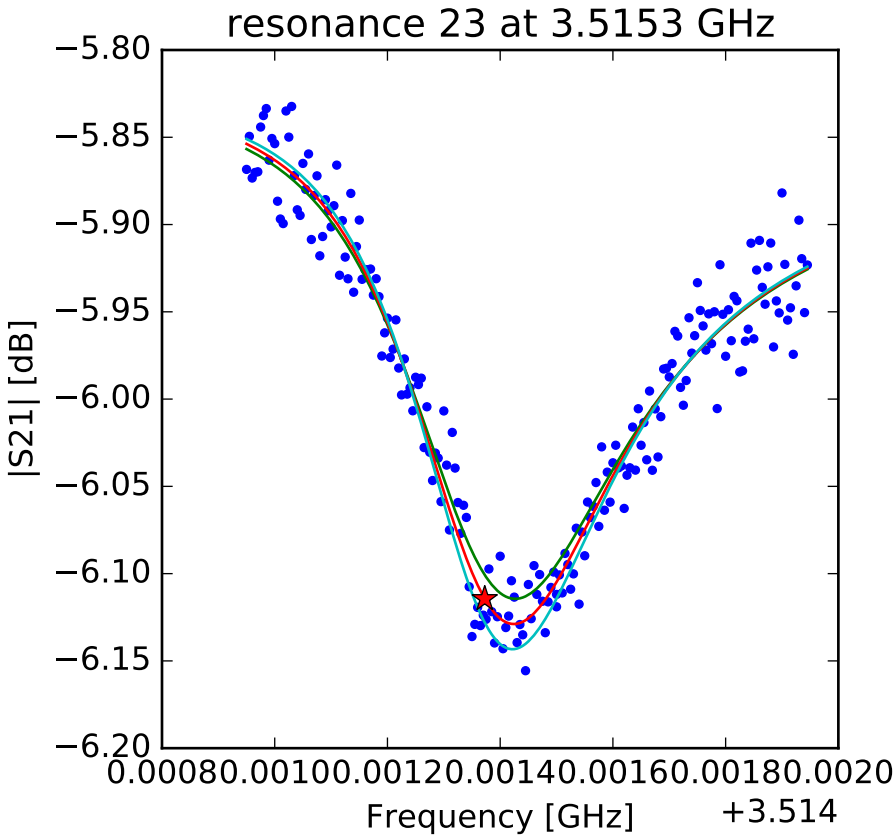


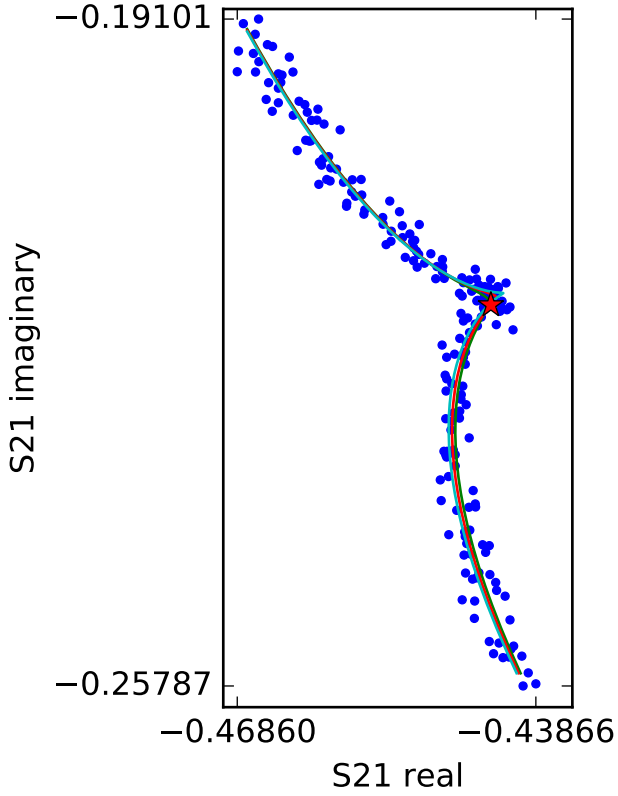


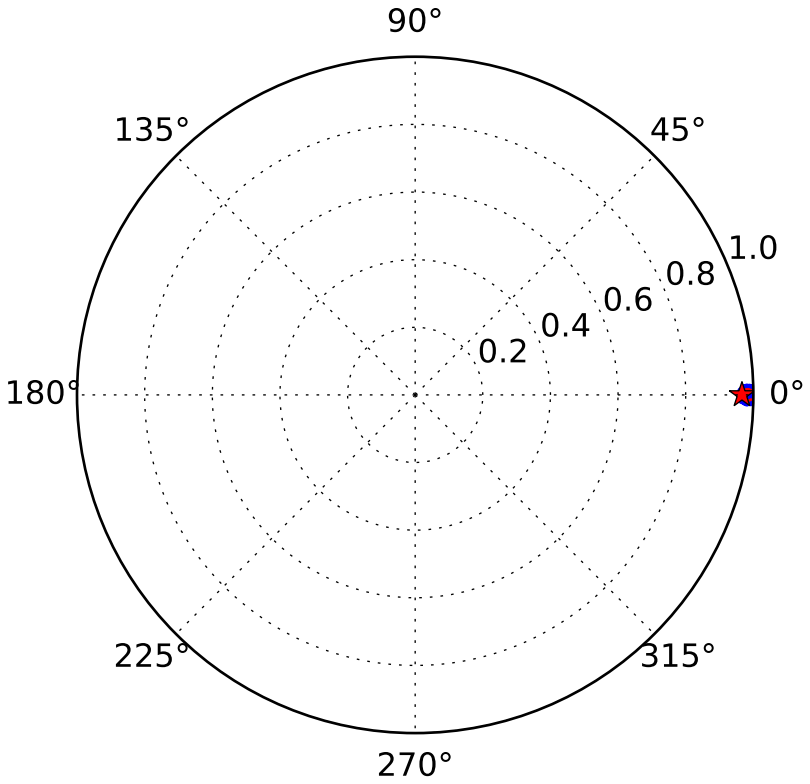


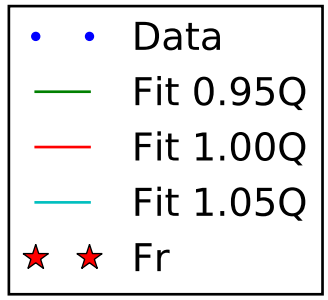
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.50179990992
Qr = 9251.2755374
Qc = 180180.198684
a = (-0.352585928053-0.374274147823j)
phi = -0.109919572932
tau = 26.4720470872



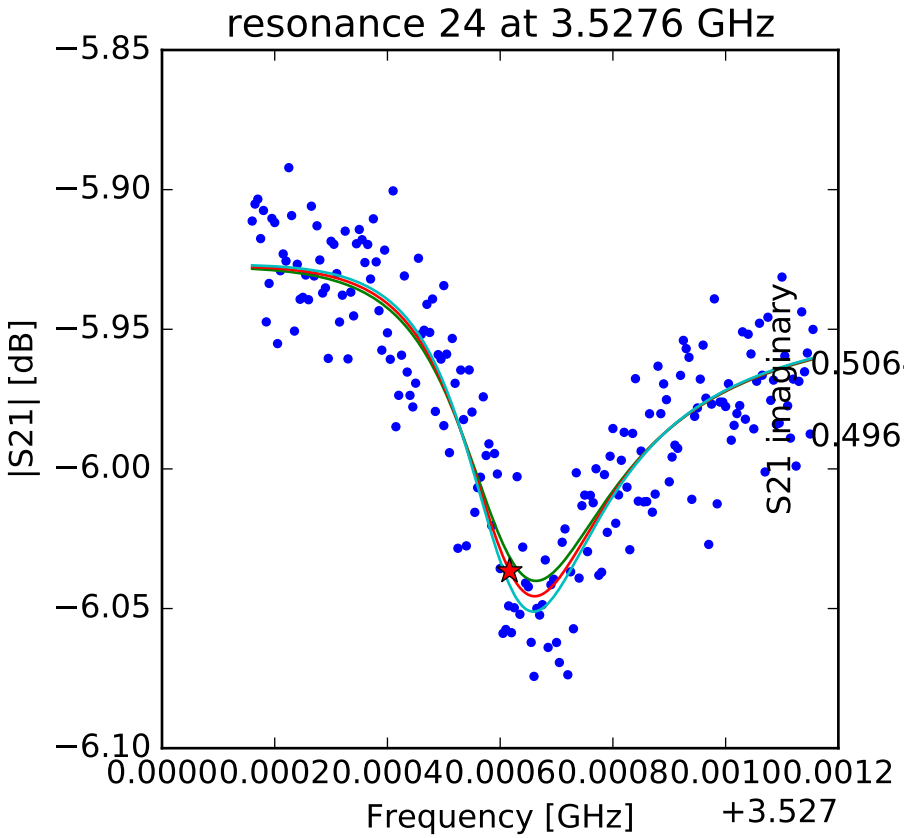


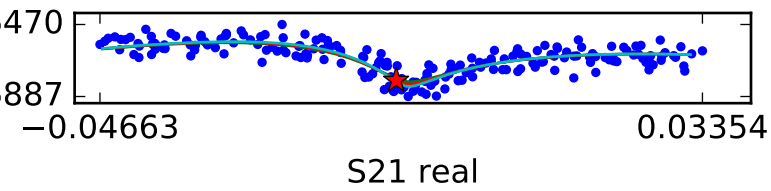


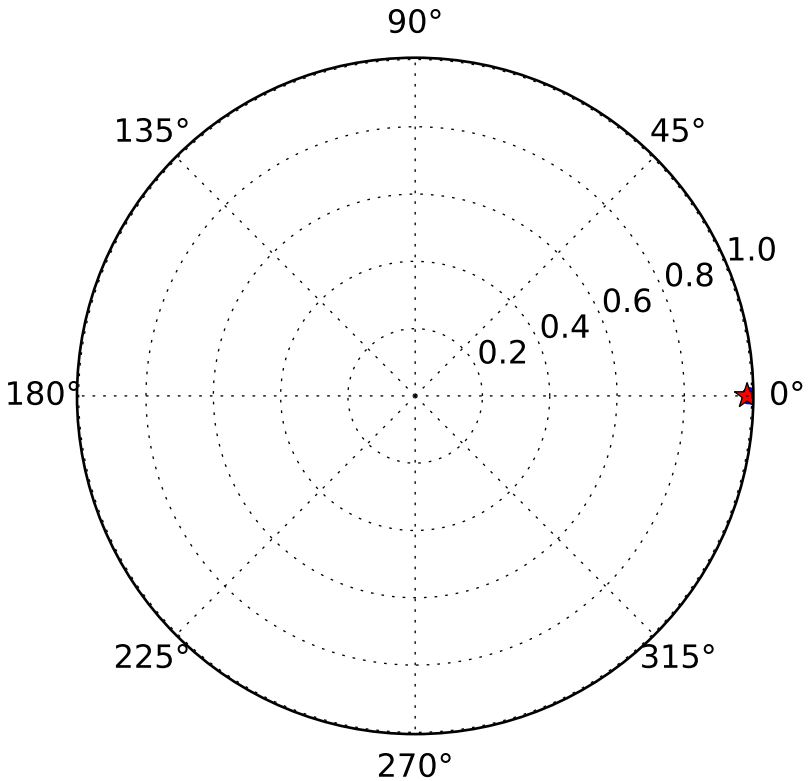


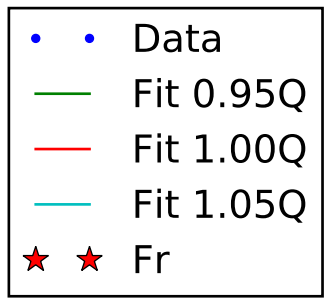
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.51537260893
Qr = 7562.26720663
Qc = 224010.863364
a = (0.476878579743+0.181461357934j)
phi = 0.429452991331
tau = 26.023505771



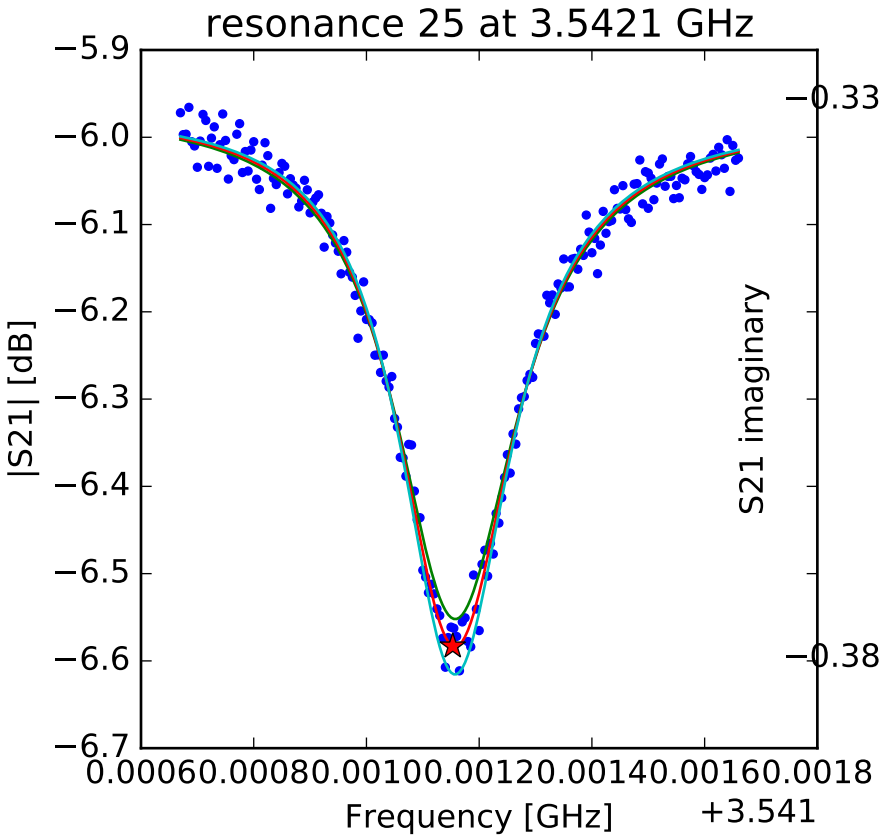


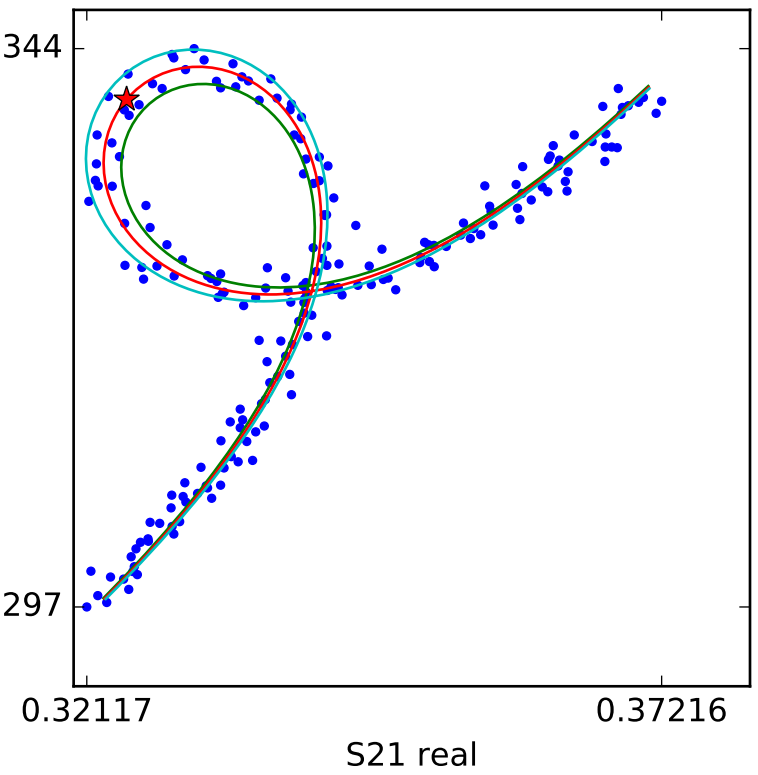


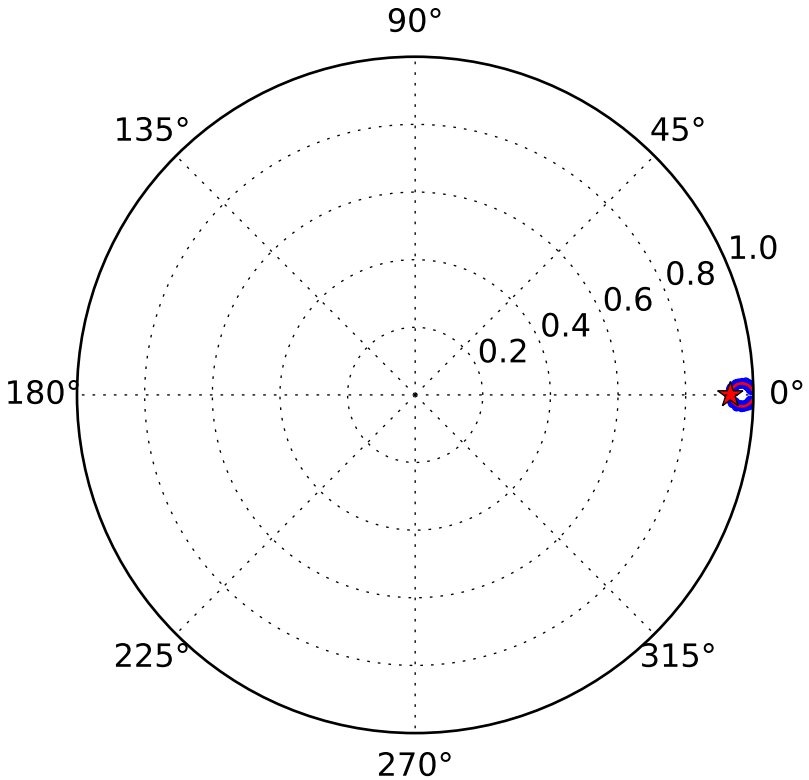


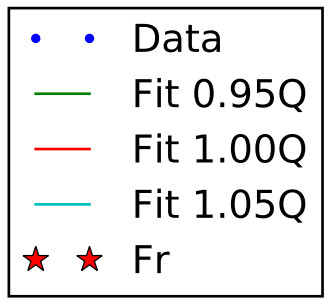
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.52761654096
Qr = 11307.5979648
Qc = 835686.435075
a = (-0.254789826486-0.435874435511j)
phi = 0.553496006987
tau = 25.9133505953



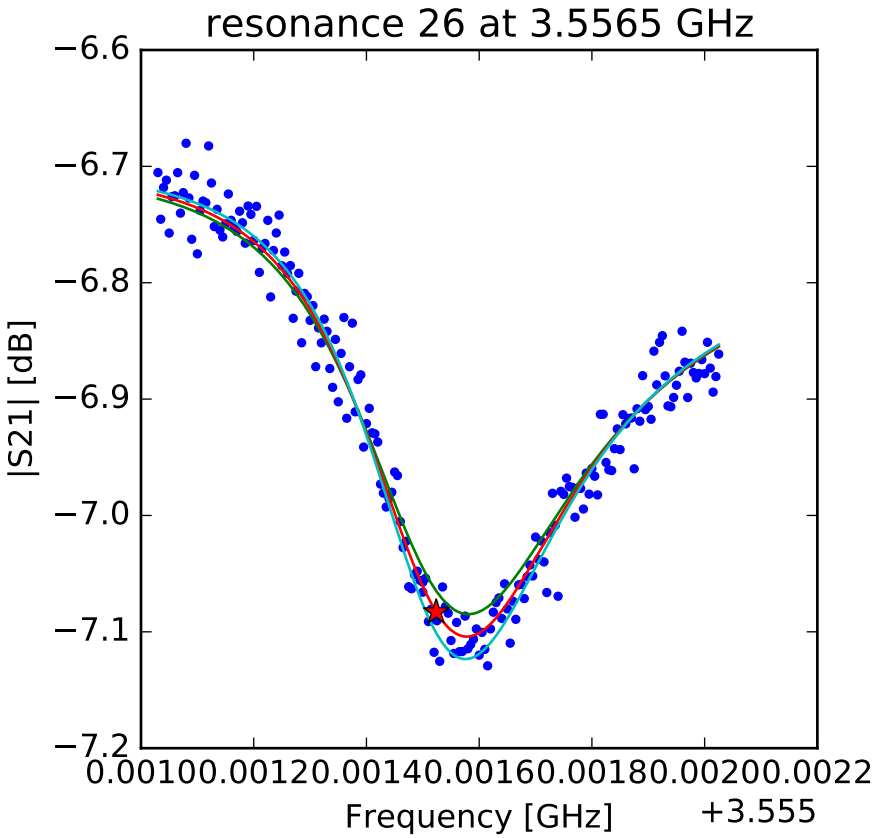


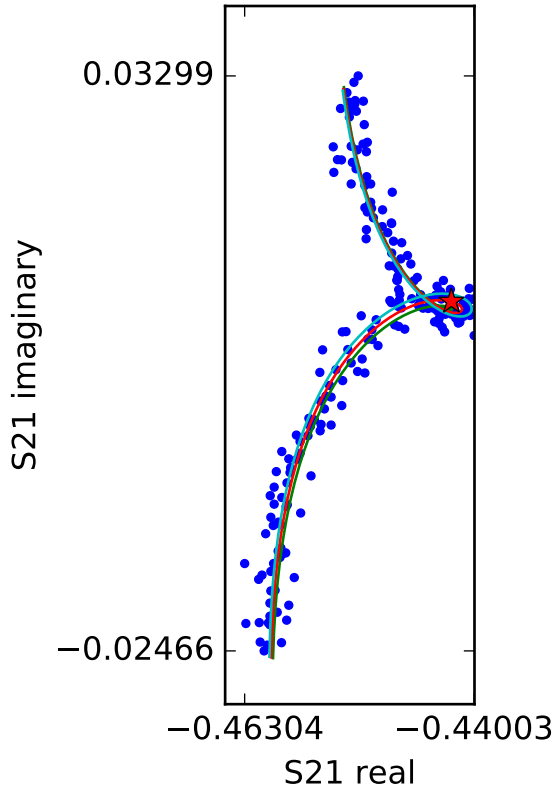


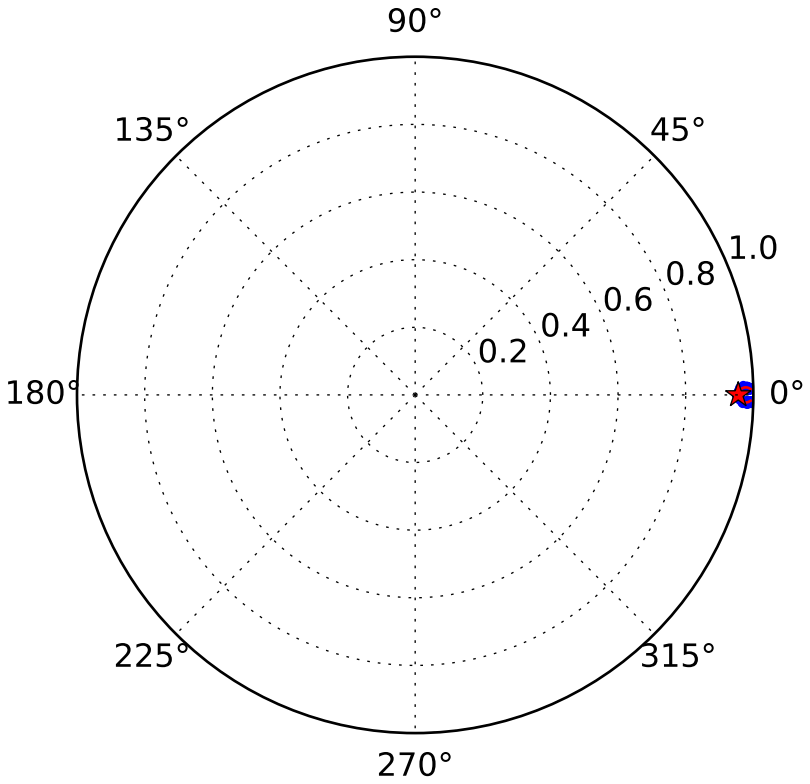


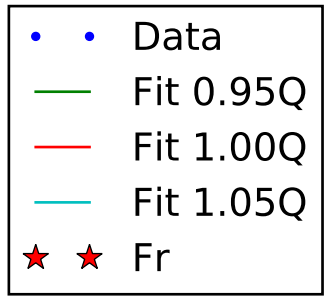
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.54215309794
Qr = 13532.7638584
Qc = 198481.295575
a = (-0.501369183384+0.0386576646593j)
phi = 0.063140105005
tau = 26.7112104072



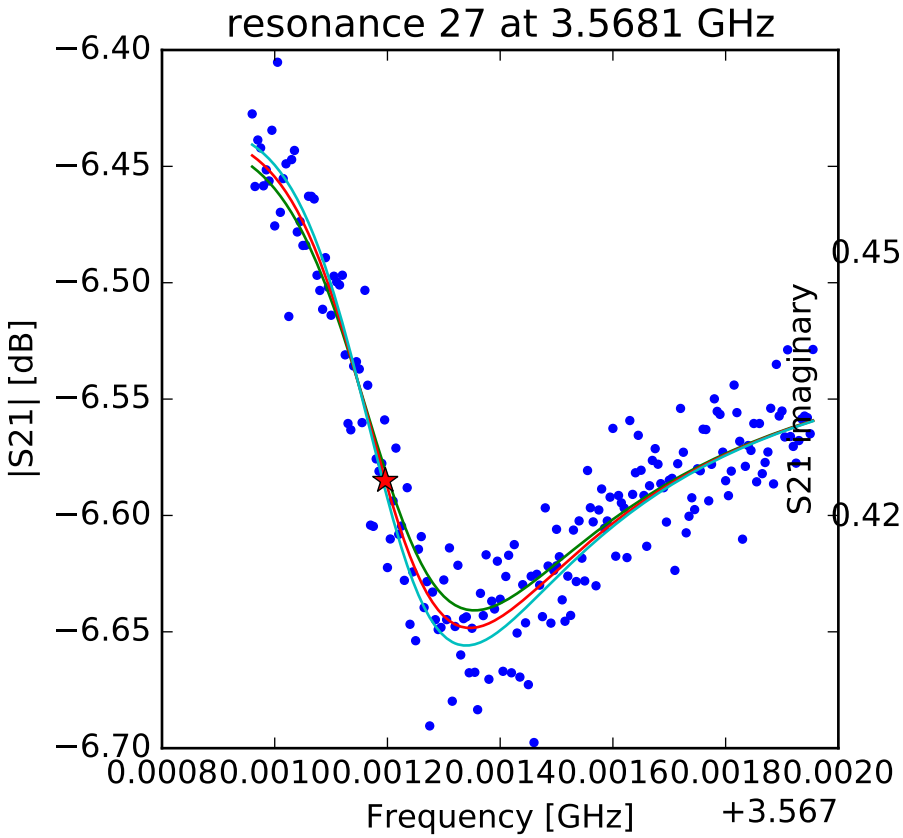


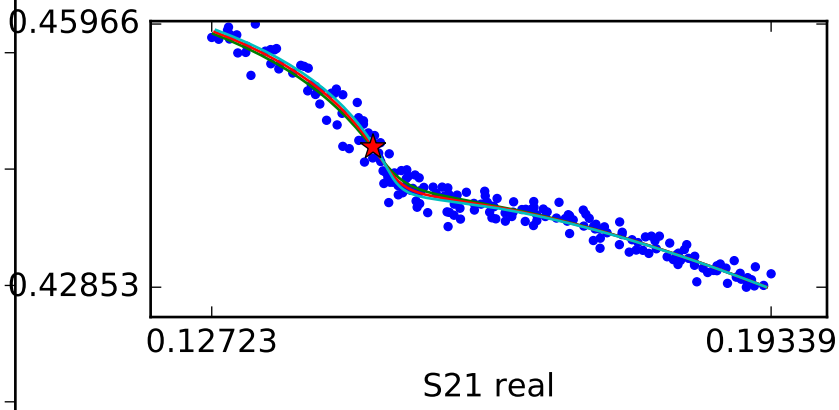


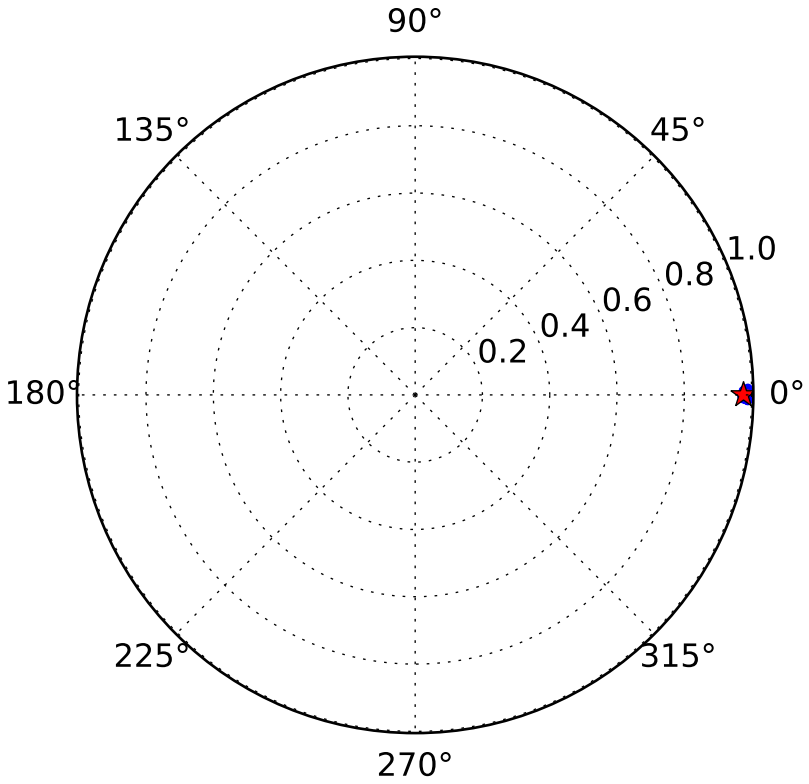


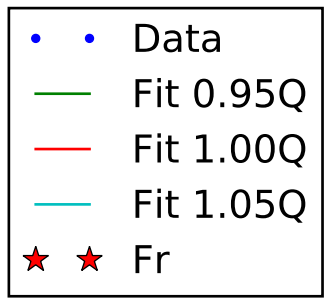
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.55652379583
Qr = 7584.2993646
Qc = 169362.55159
a = (-0.192189448864+0.41900085559j)
phi = 0.44550001187
tau = 24.9735375526



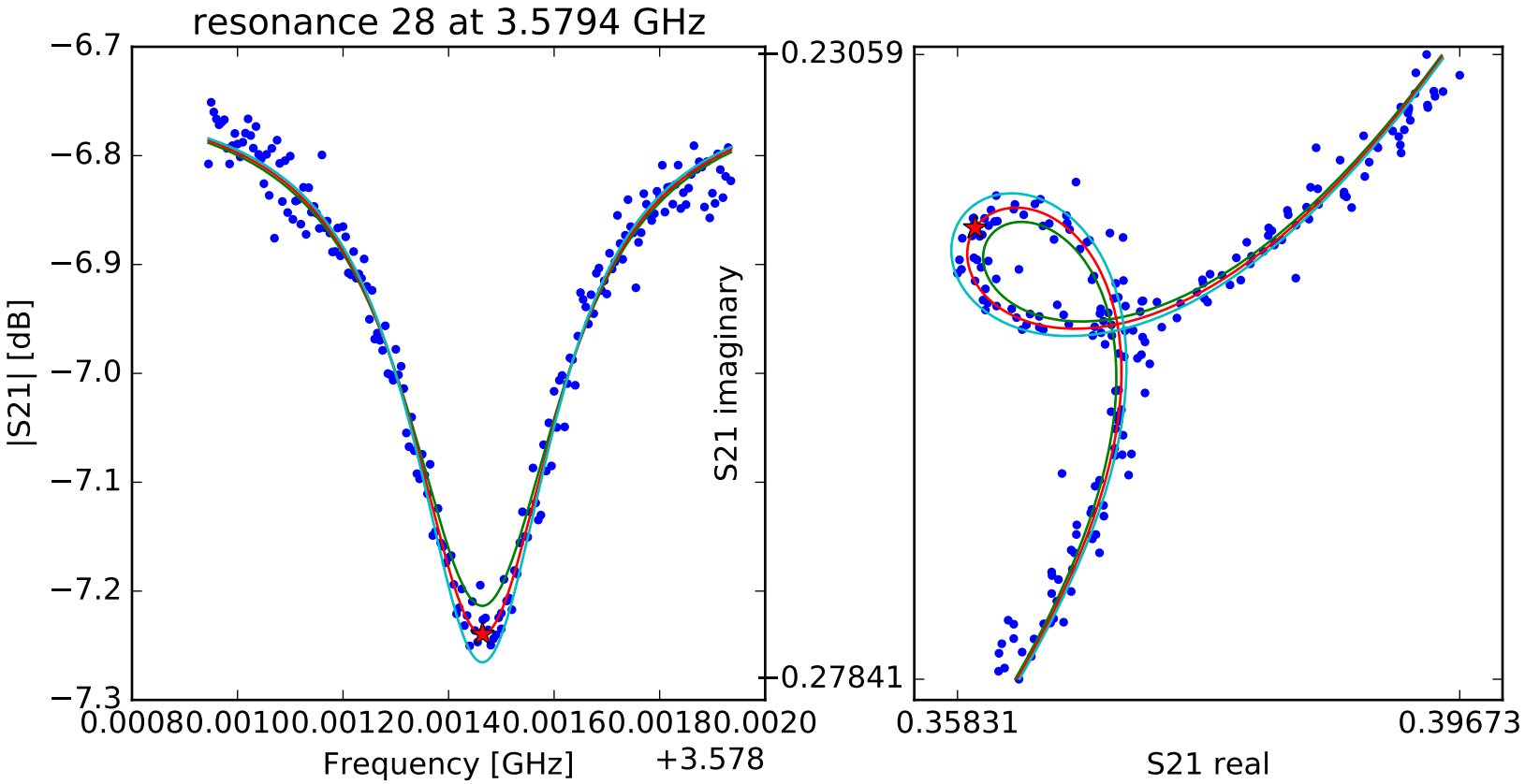


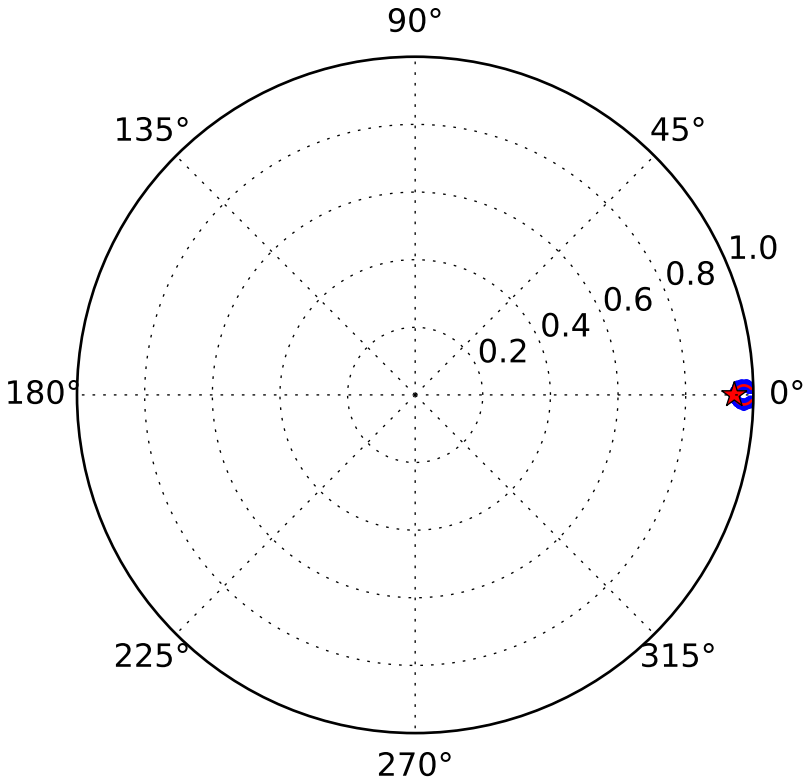


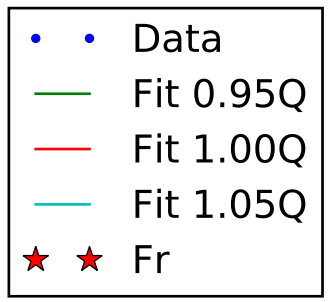


$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.56819619631
Qr = 7667.47782315
Qc = 316432.273563
a = (-0.142845389932+0.451187979859j)
phi = 1.13573777215
tau = 26.9312008149

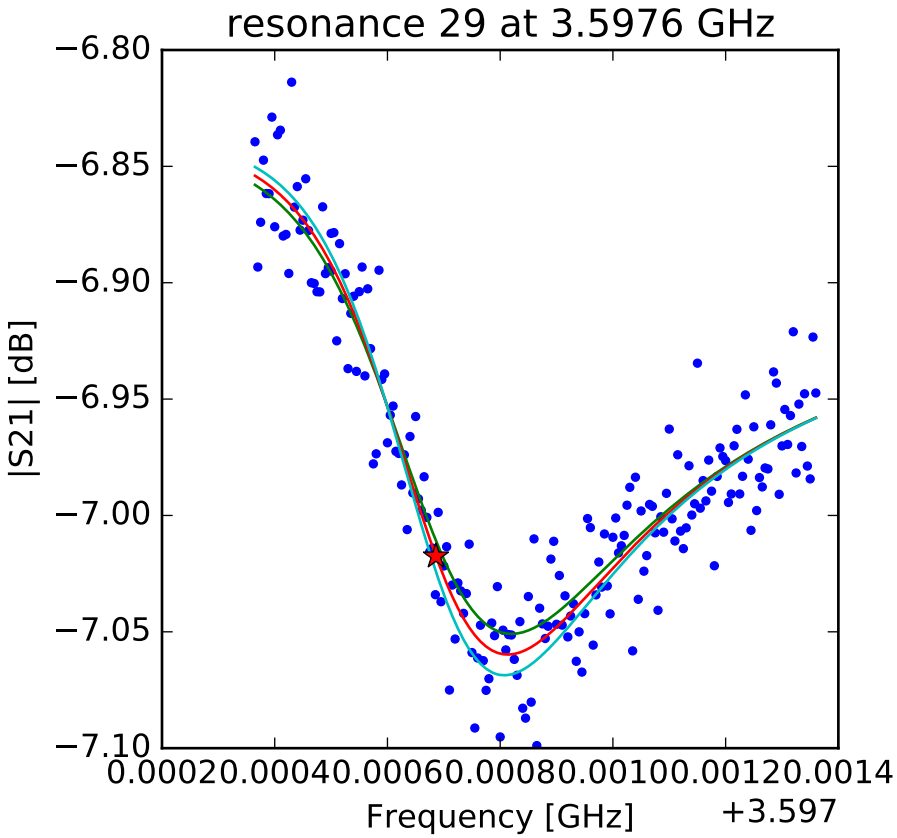


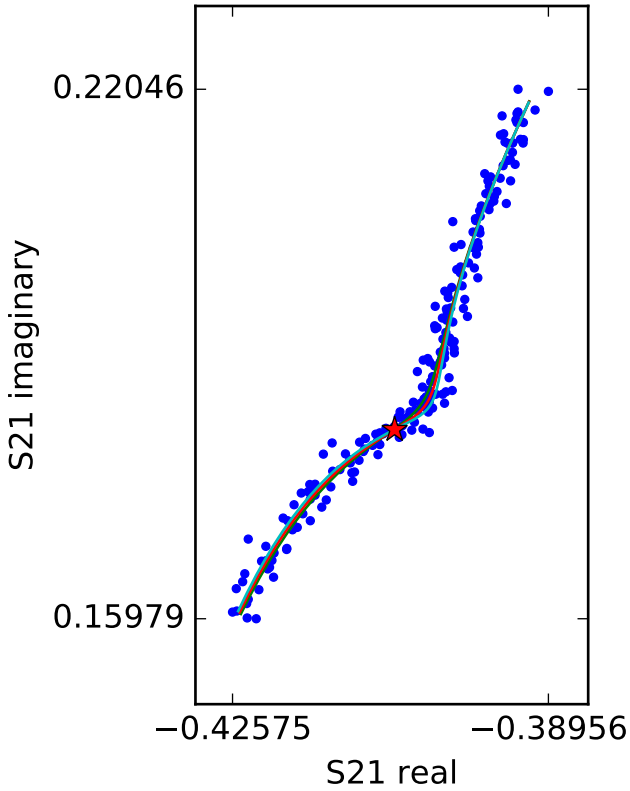


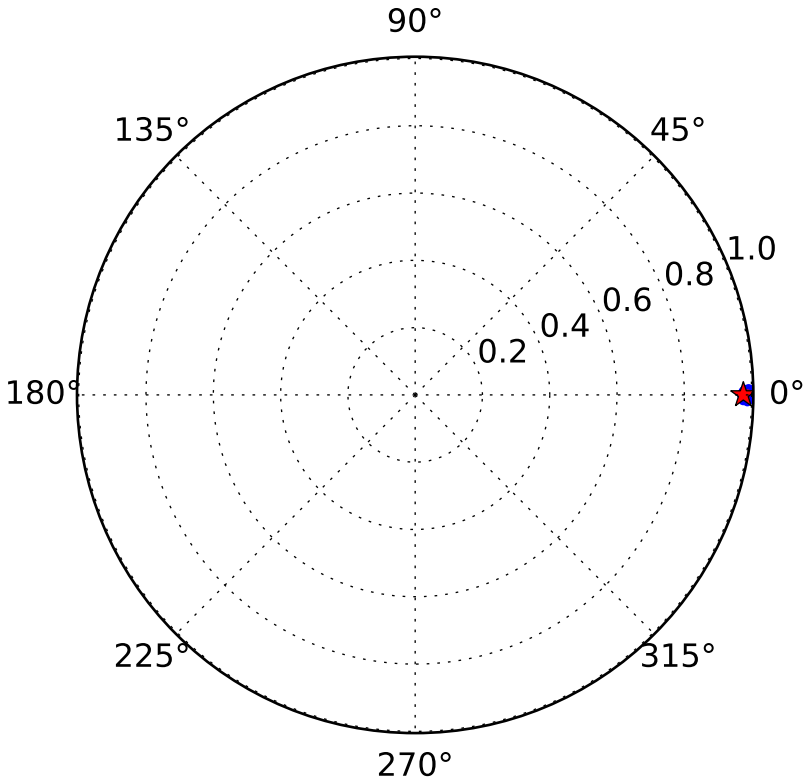


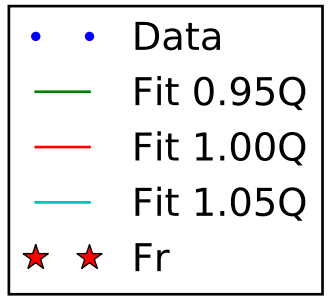
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.57946432372
Qr = 10087.9320413
Qc = 178949.537997
a = (0.249966452322+0.386745119063j)
phi = -0.00399963312695
tau = 26.0523745492



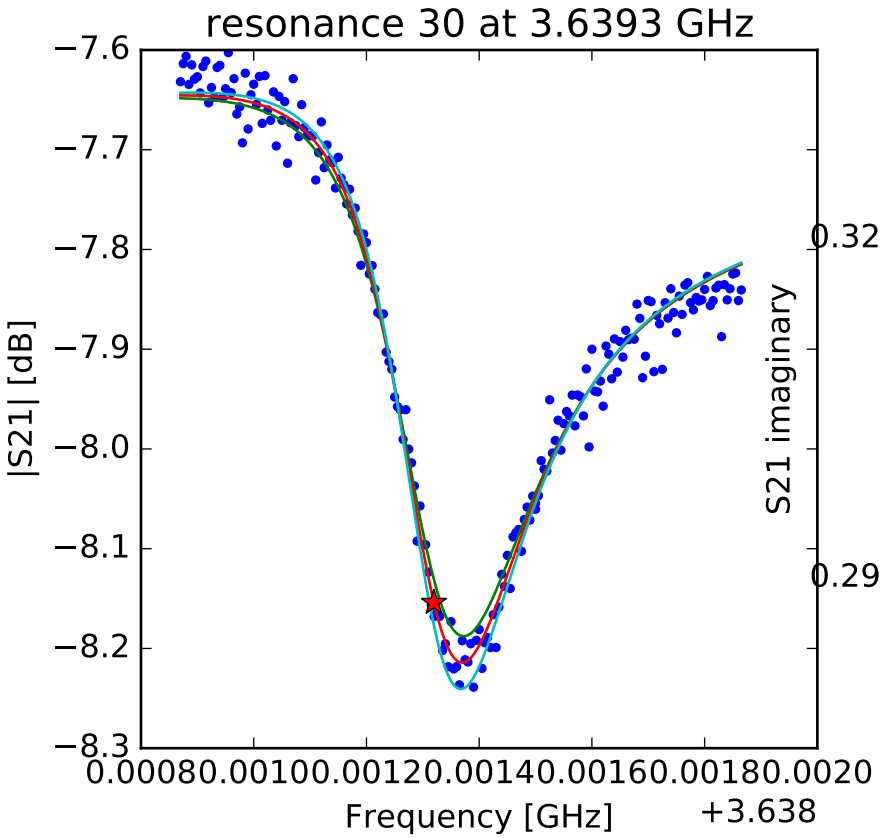


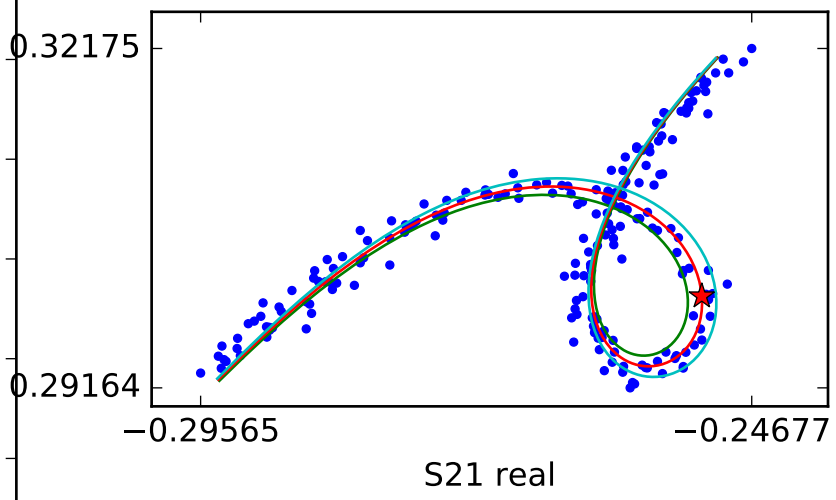


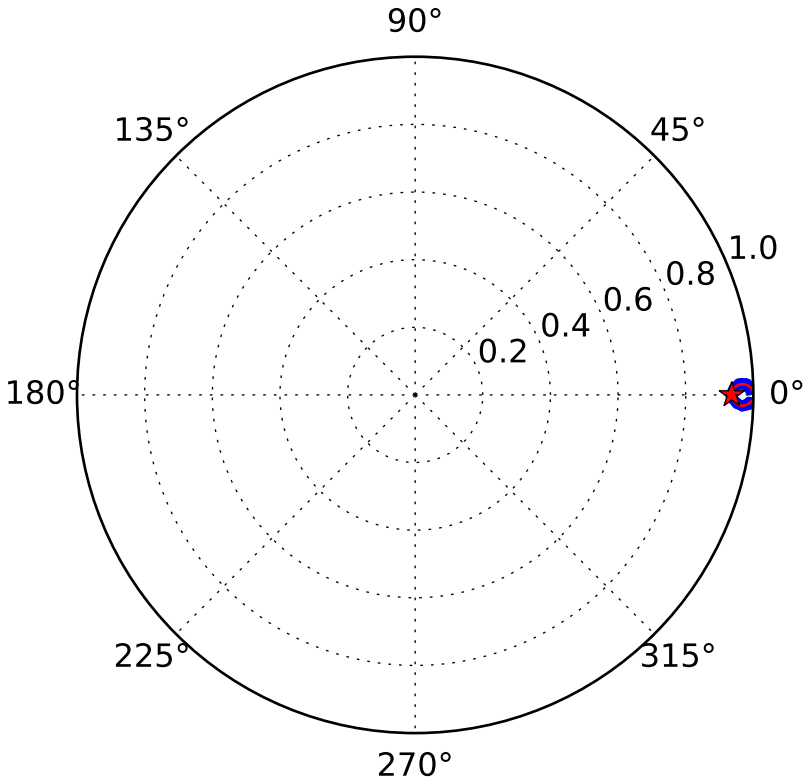


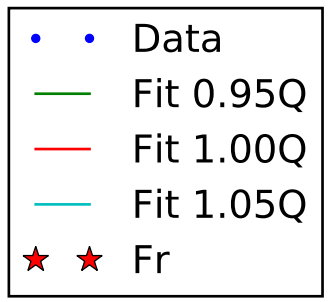
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.59768603424
Qr = 6858.143652
Qc = 276596.909505
a = (-0.120743720788+0.436326151259j)
phi = 0.894389420009
tau = 26.6439496698



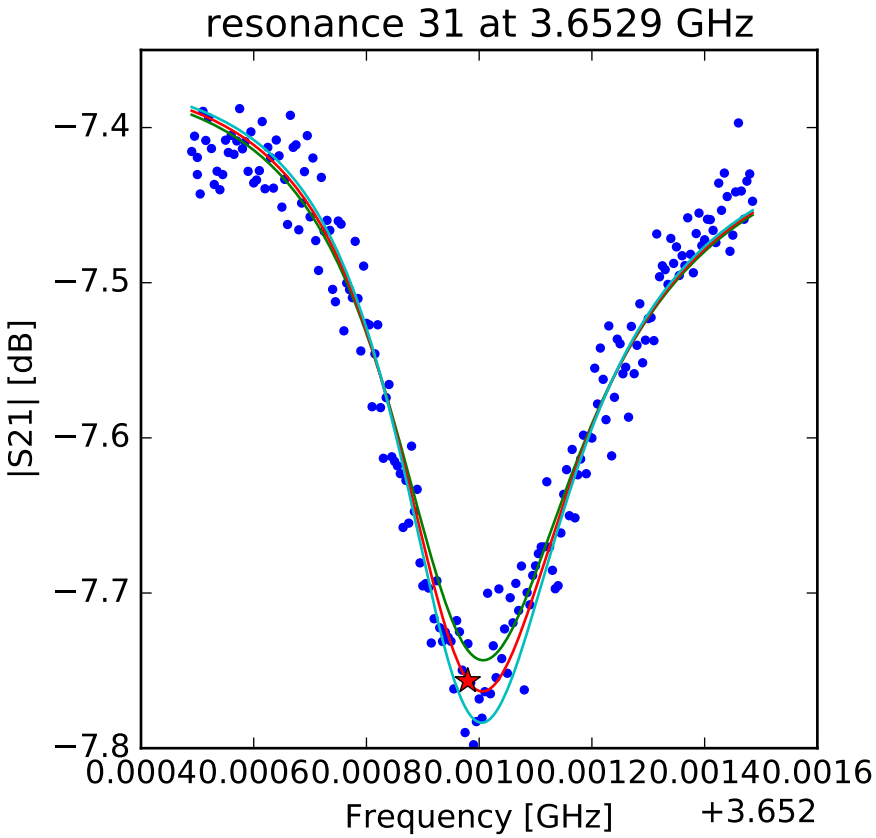


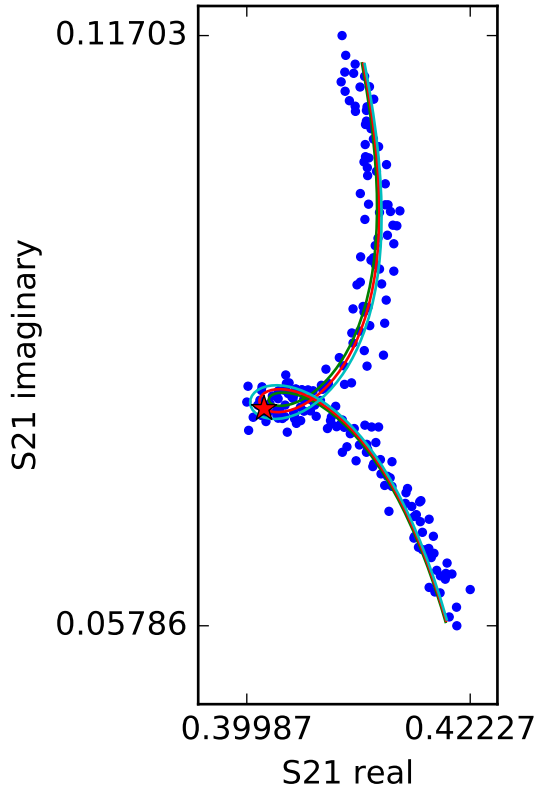


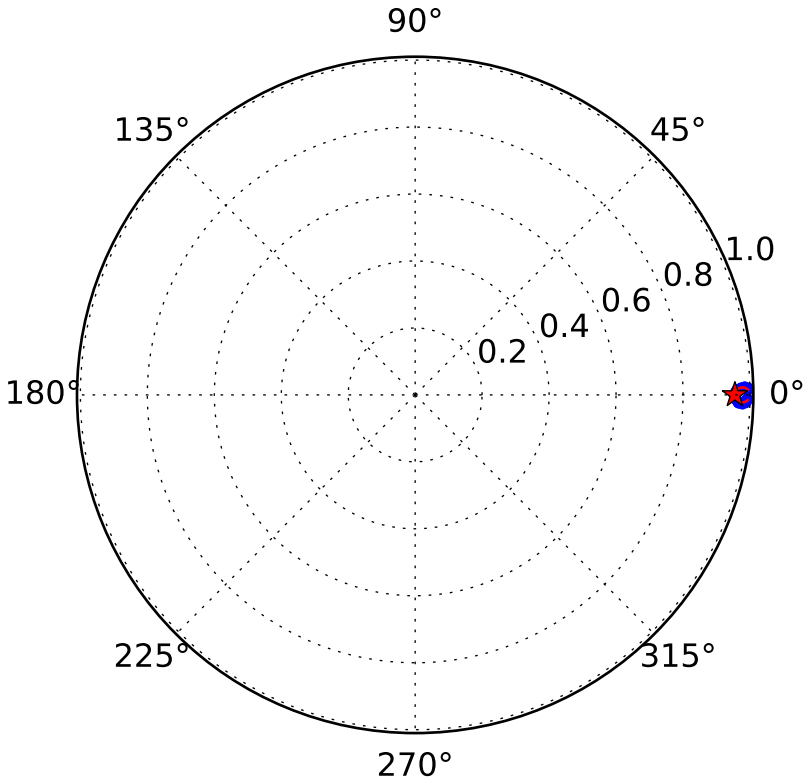


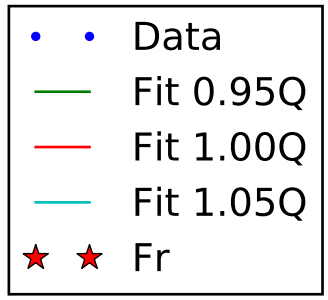
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.6393196514
Qr = 12093.0892122
Qc = 189623.243102
a = (-0.341352206954-0.230955746031j)
phi = 0.623820654125
tau = 25.0671634446



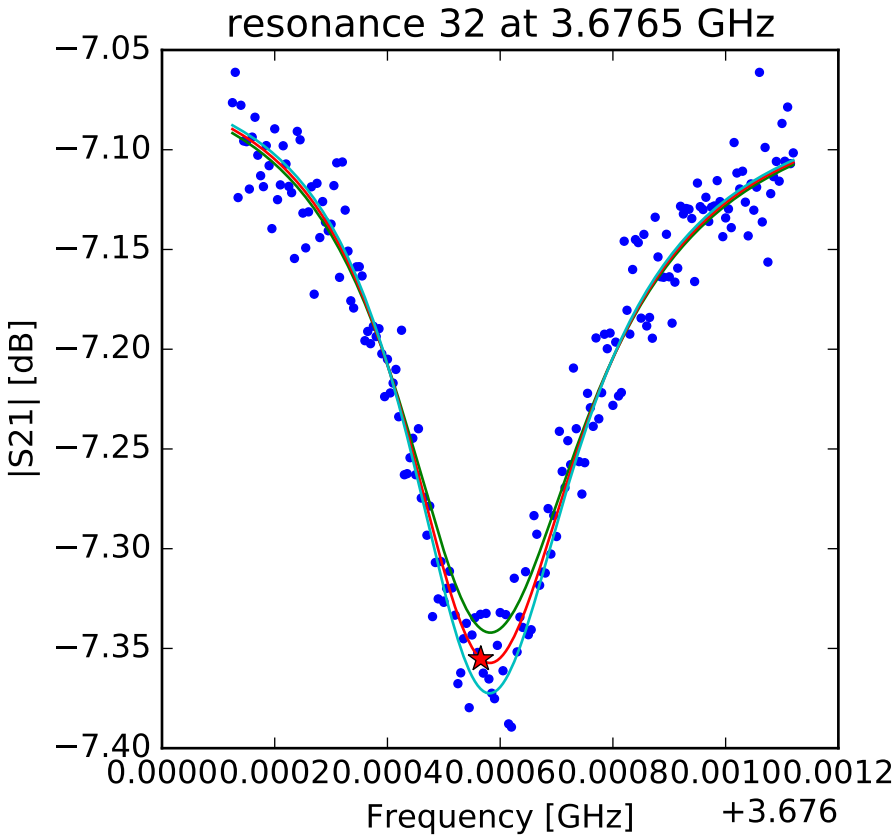


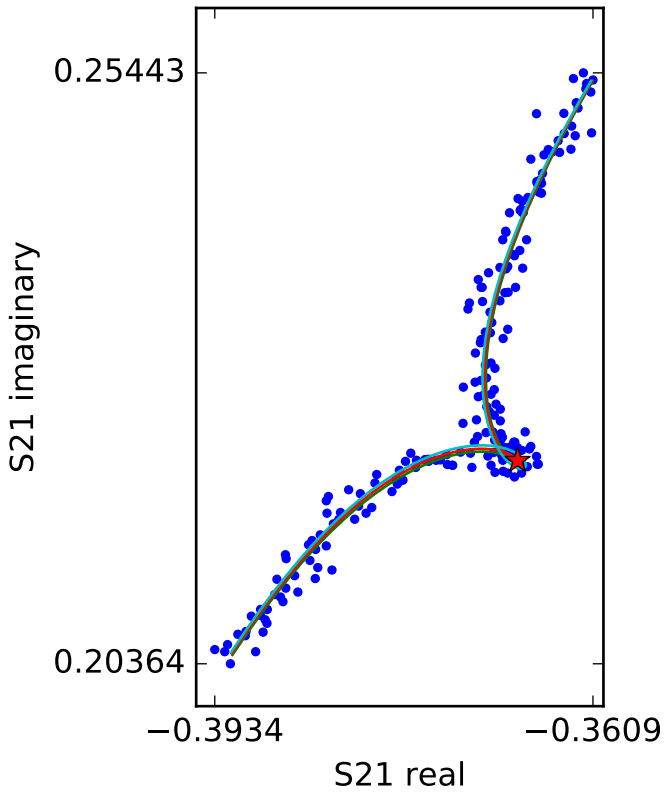


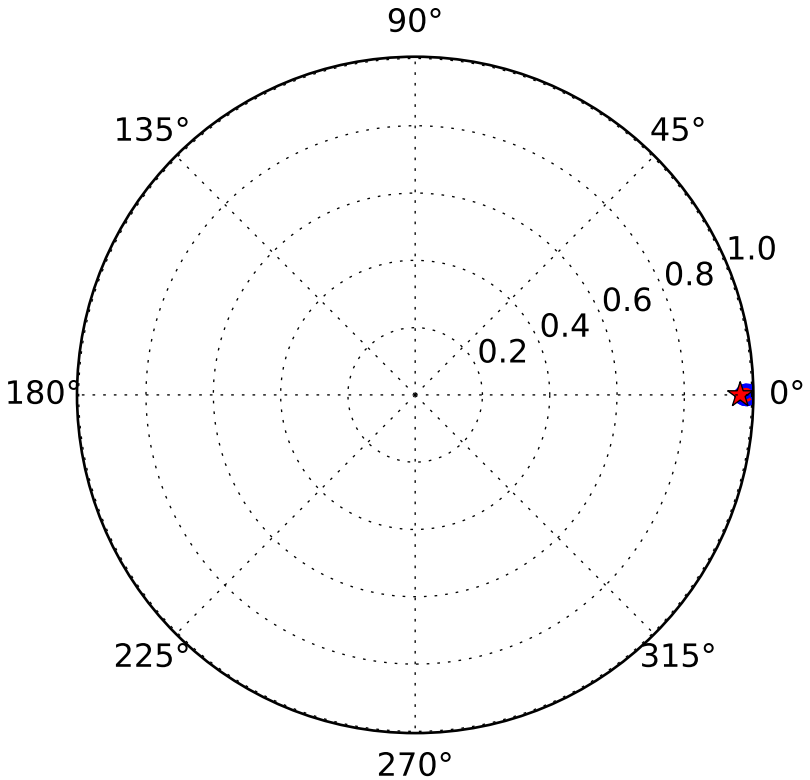


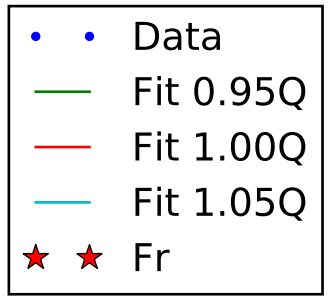
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.65297972277
Qr = 9038.15837376
Qc = 200534.267333
a = (-0.356536533111+0.236933708762j)
phi = 0.250319055457
tau = 26.1084508406



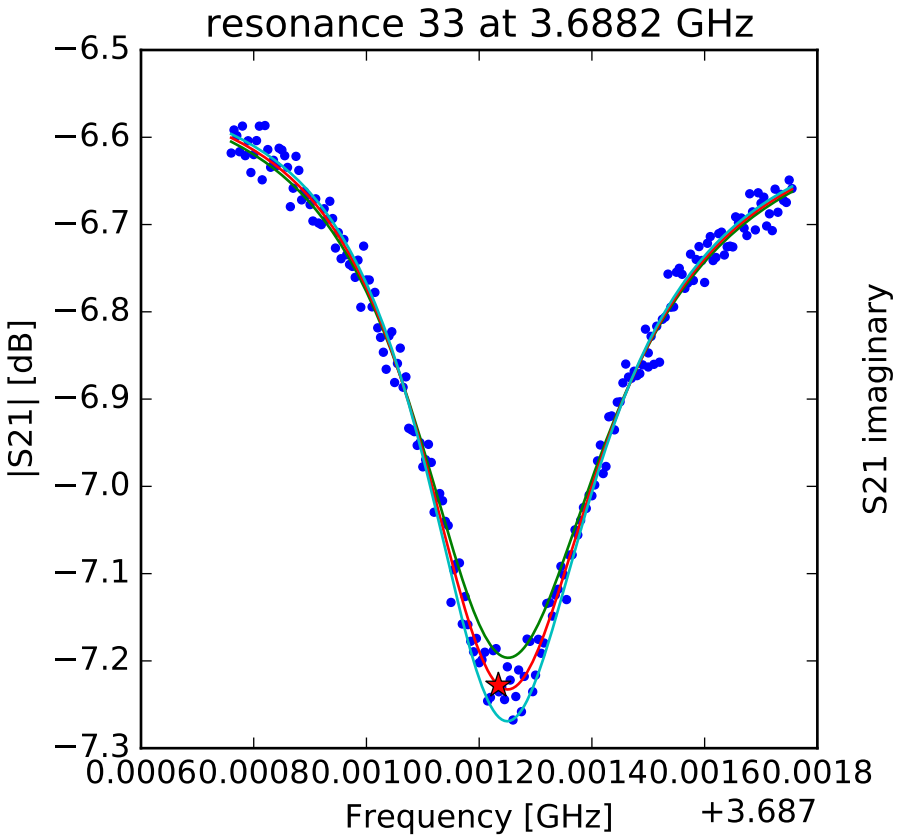


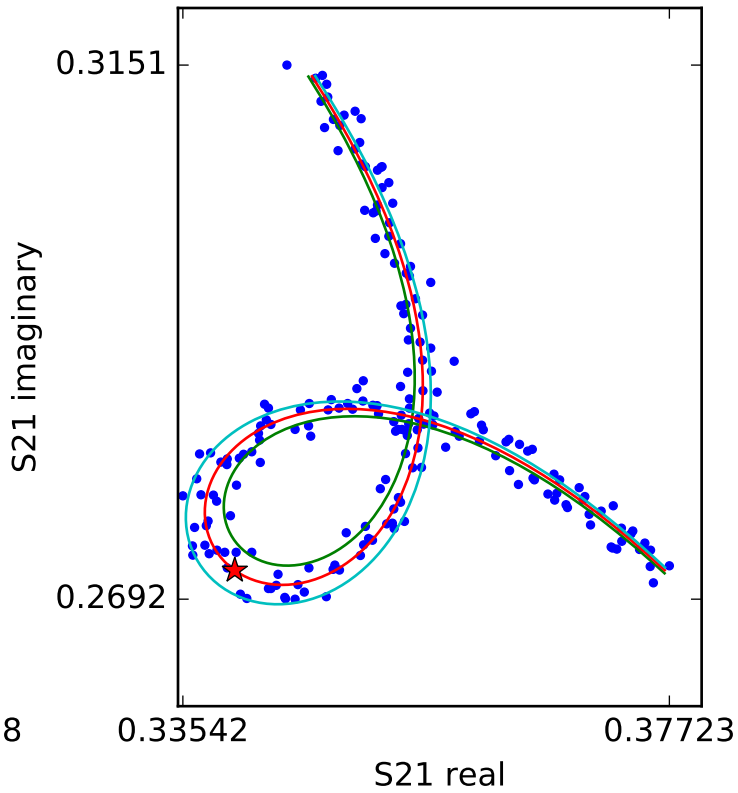


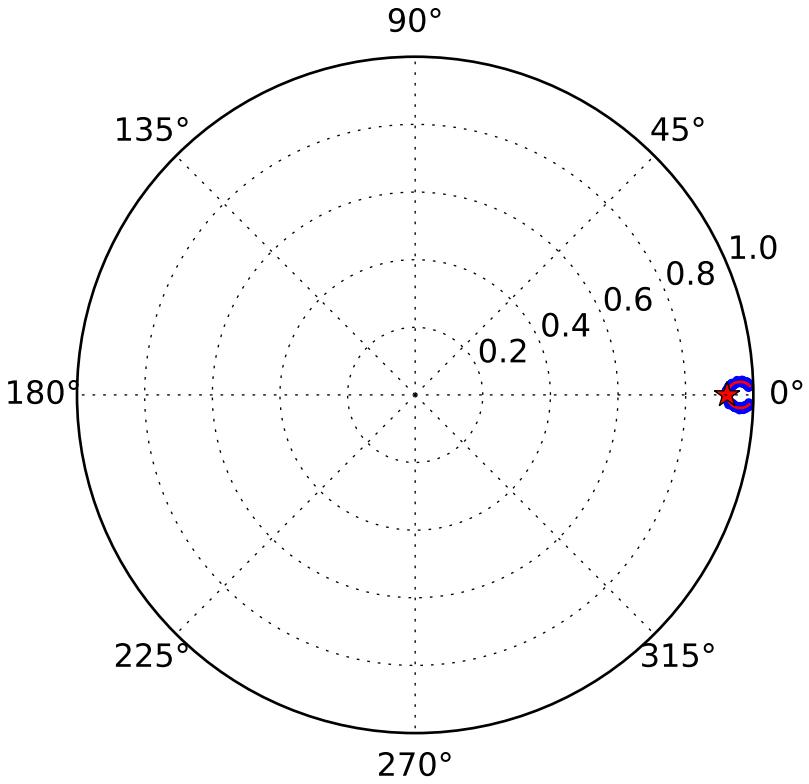


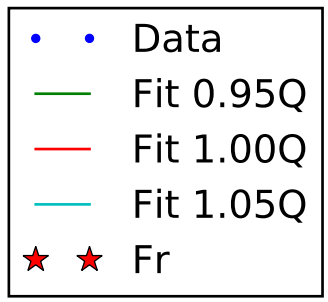
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.67656559774
Qr = 9206.61057056
Qc = 270249.008636
a = (0.21171017351-0.389935055055j)
phi = 0.158636580886
tau = 24.8641023638



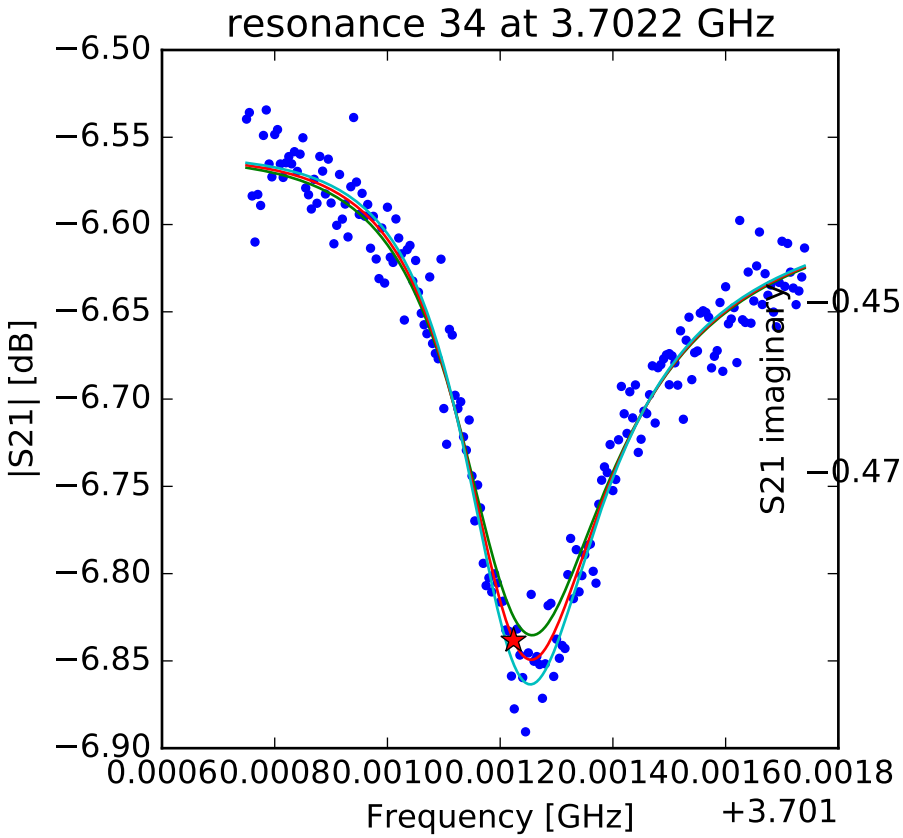


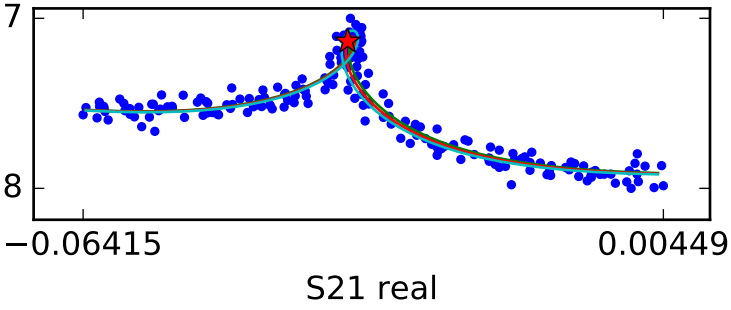


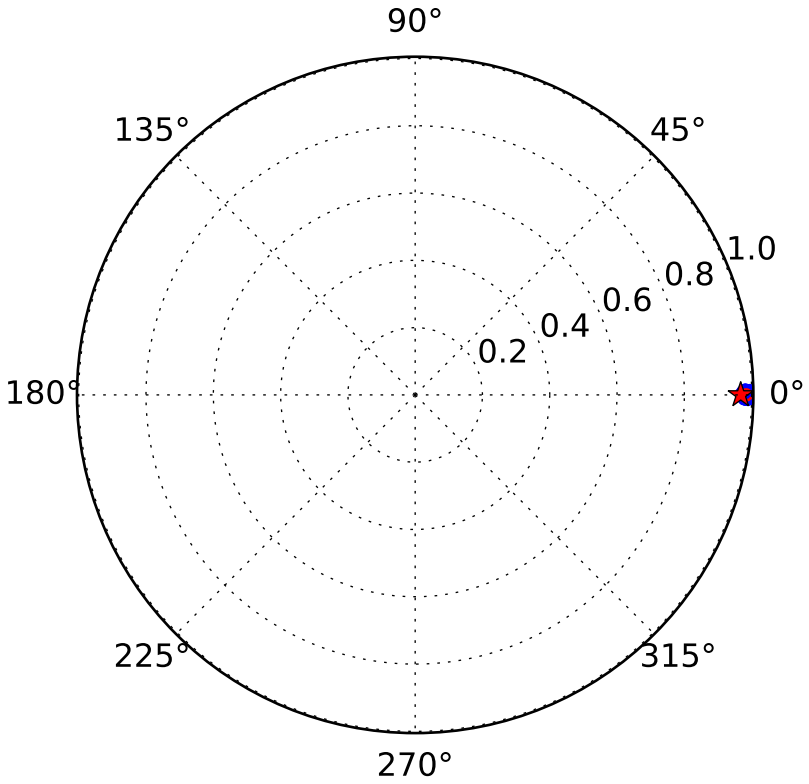


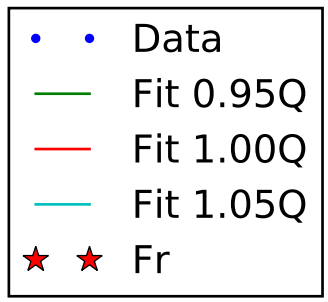
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.68823405812
Qr = 8876.68892104
Qc = 114208.405063
a = (0.150347251371-0.446658364217j)
phi = 0.15211832982
tau = 26.7586932633



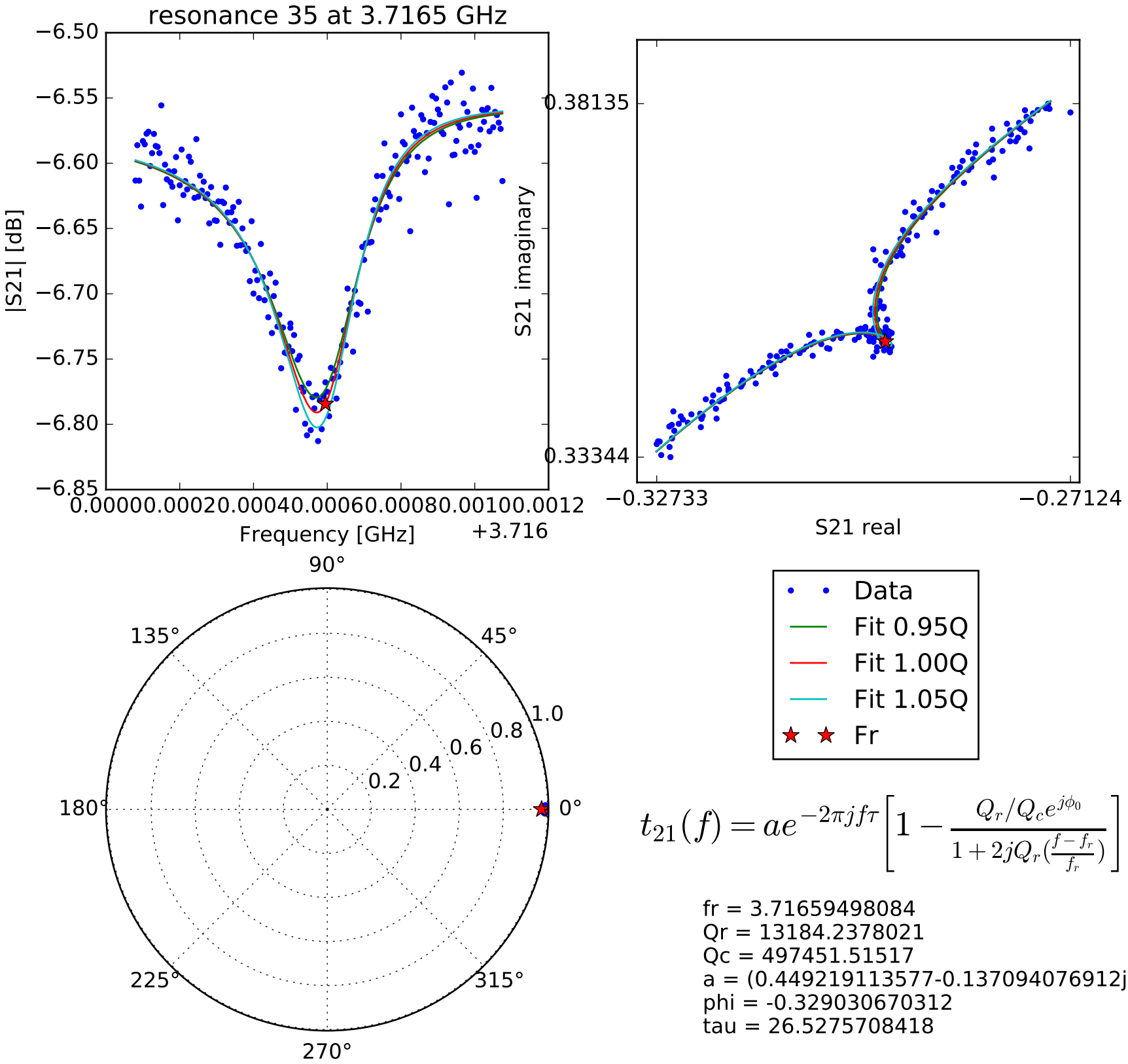






$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.70222373411
Qr = 11671.4980954
Qc = 357519.857493
a = (0.438467291486-0.167159551751j)
phi = 0.383515817932
tau = 26.254903876



$$t_{21}(f) = ae^{-2\pi j f \tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.71659498084
Qr = 13184.2378021
Qc = 497451.51517
a = (0.449219113577-0.137094076912j)
phi = -0.329030670312
tau = 26.5275708418