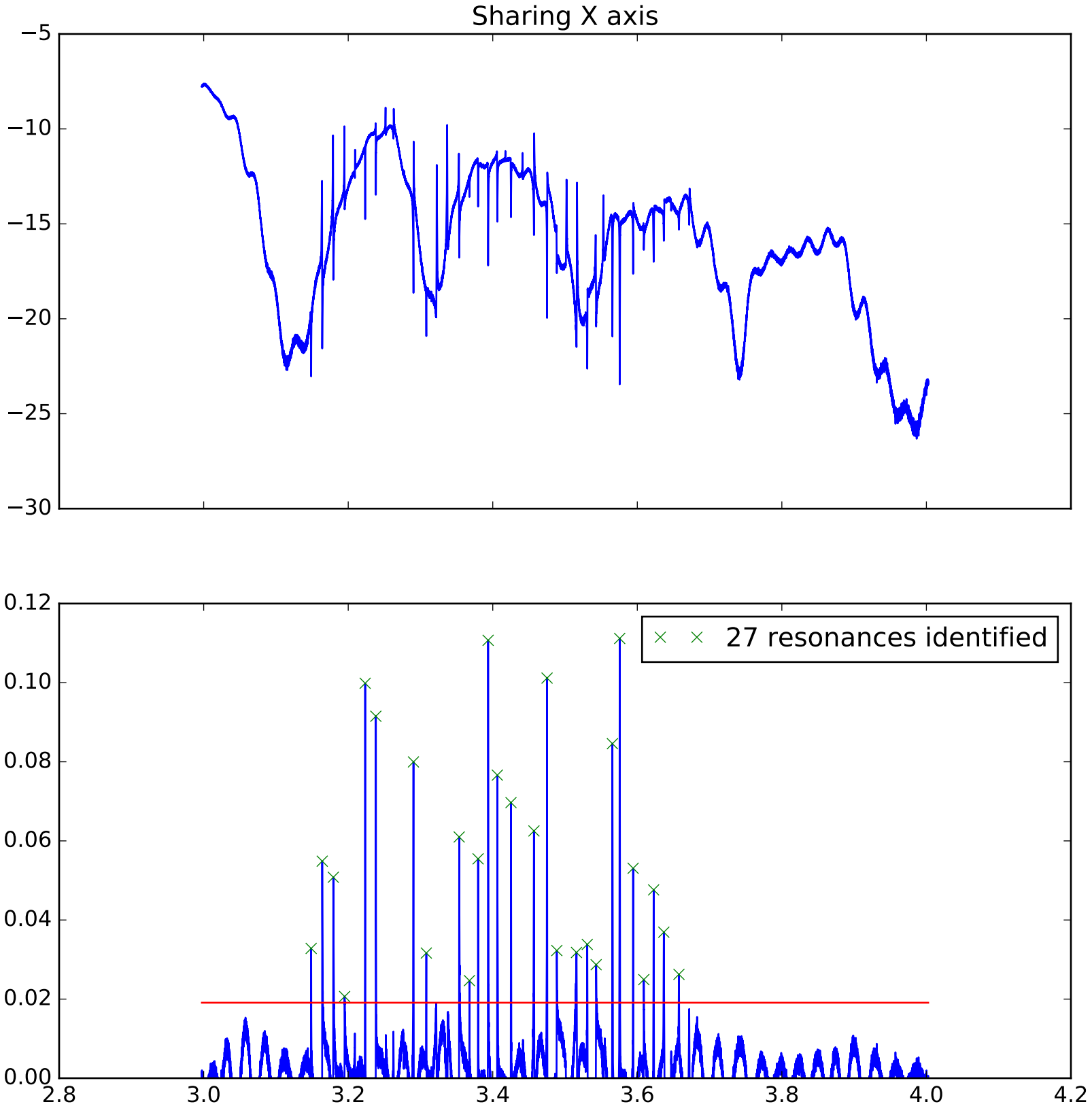
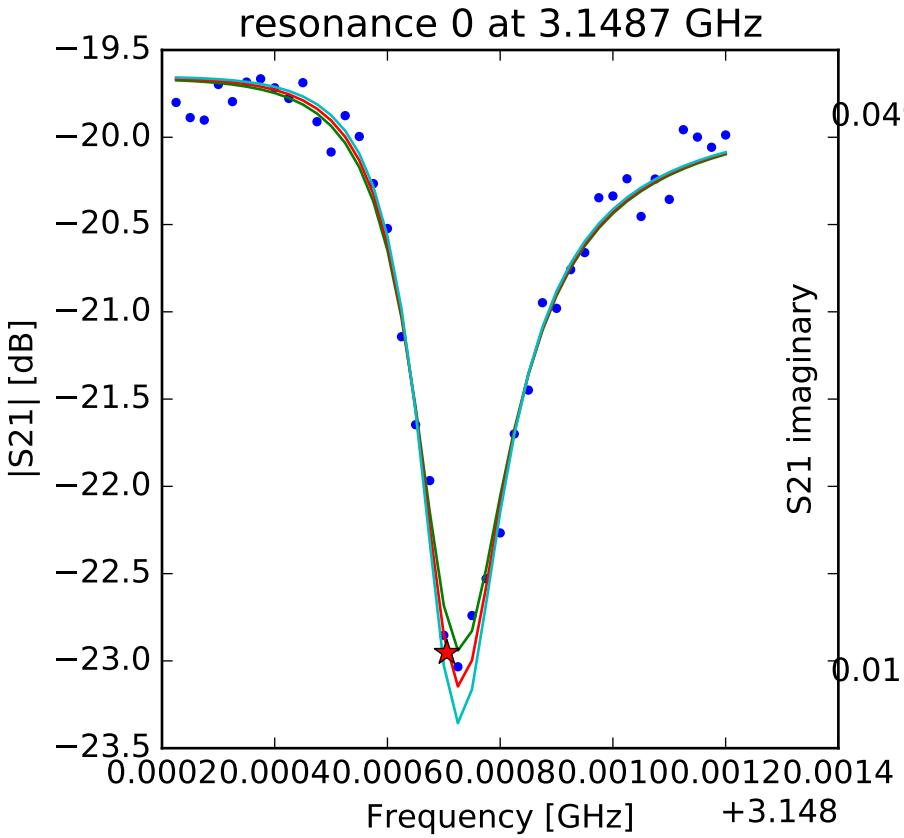
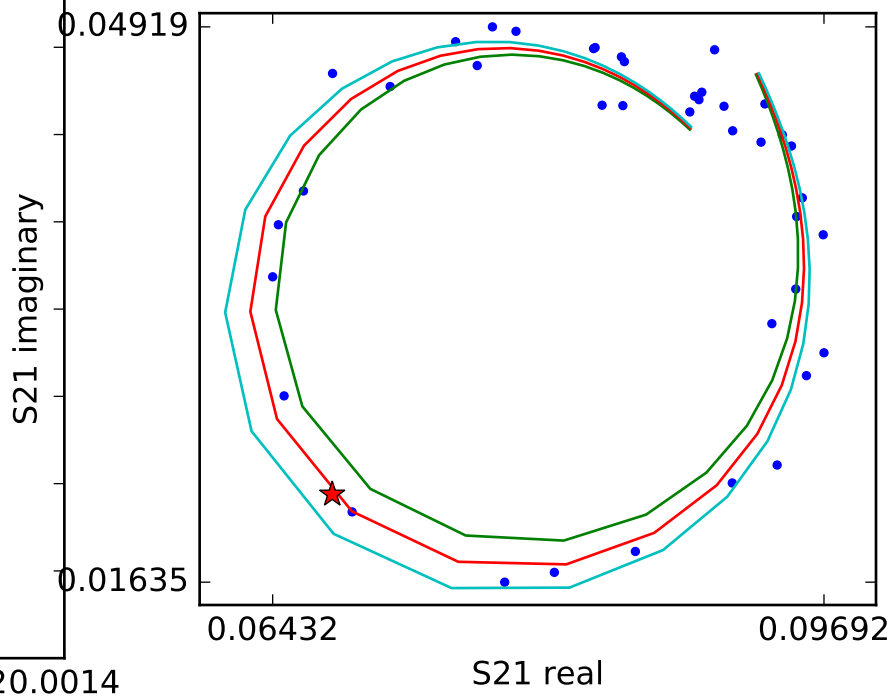
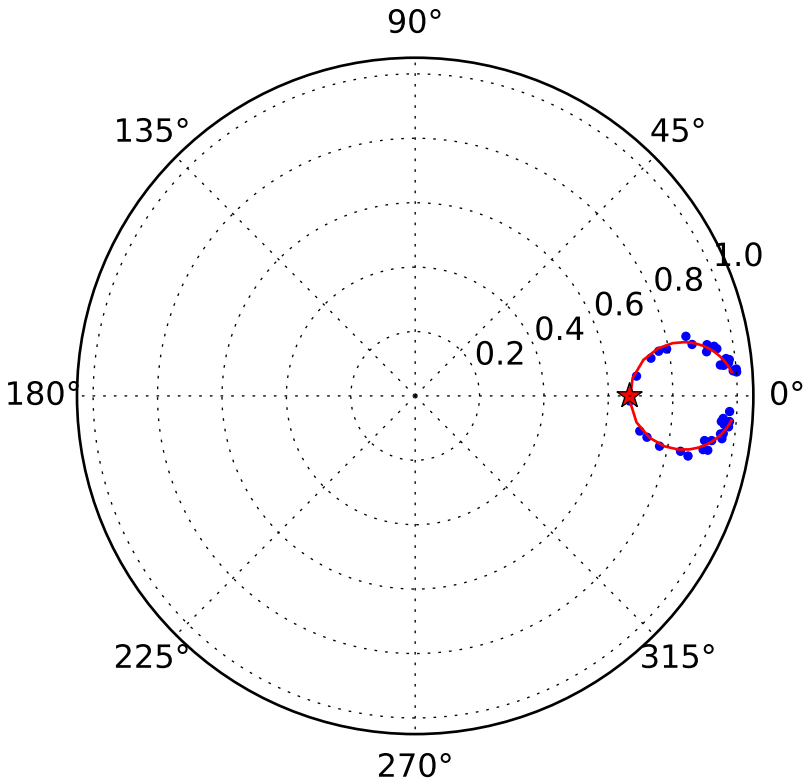
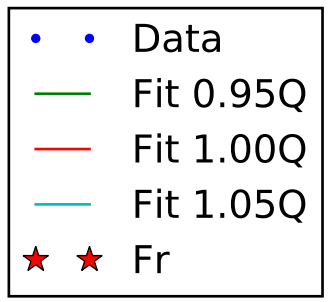

Sharing X axis
−5
−10
−15
−20
−25
−30
0.12
0.10
0.08
0.06
0.04
0.02
0.00
27 resonances identified
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2



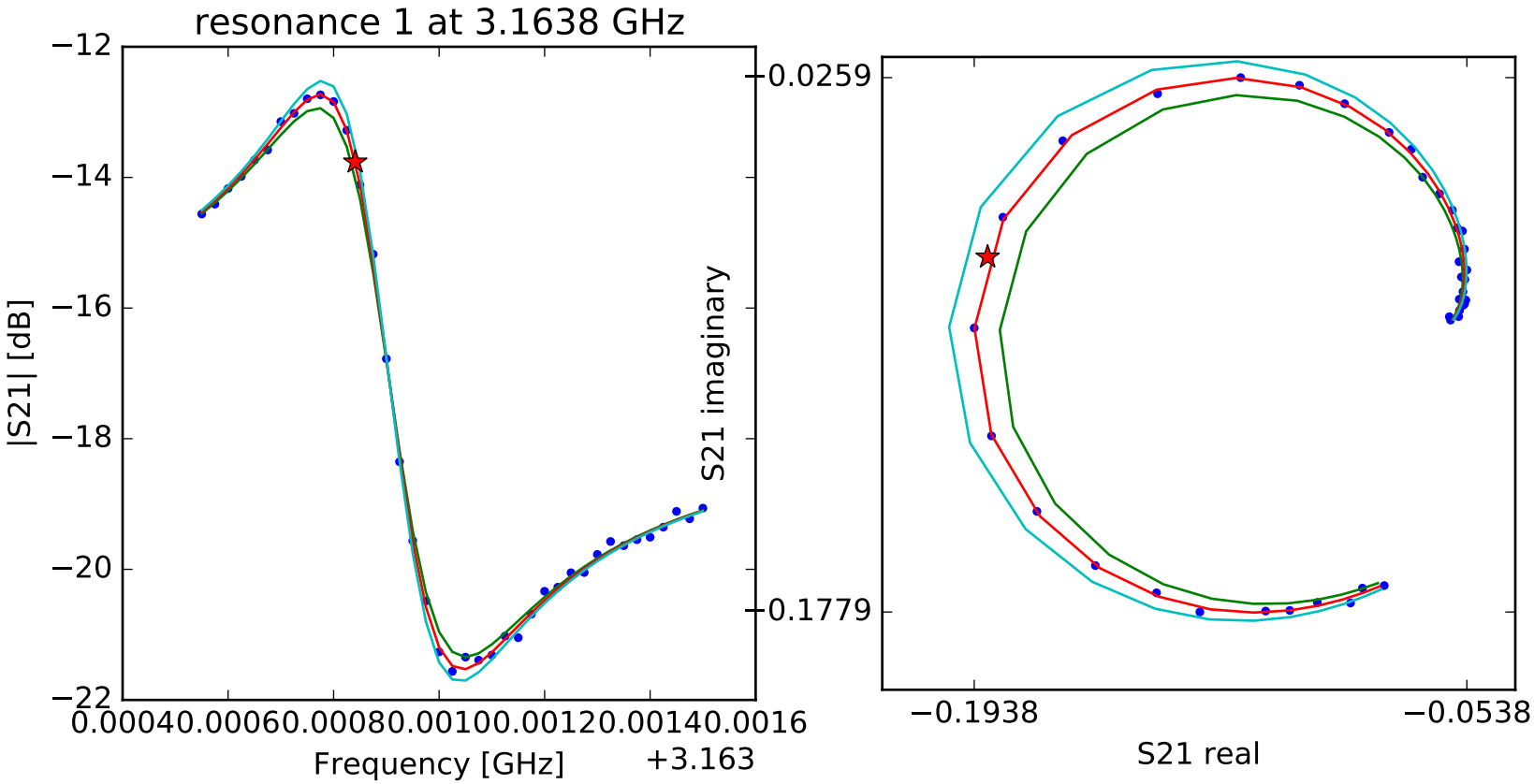


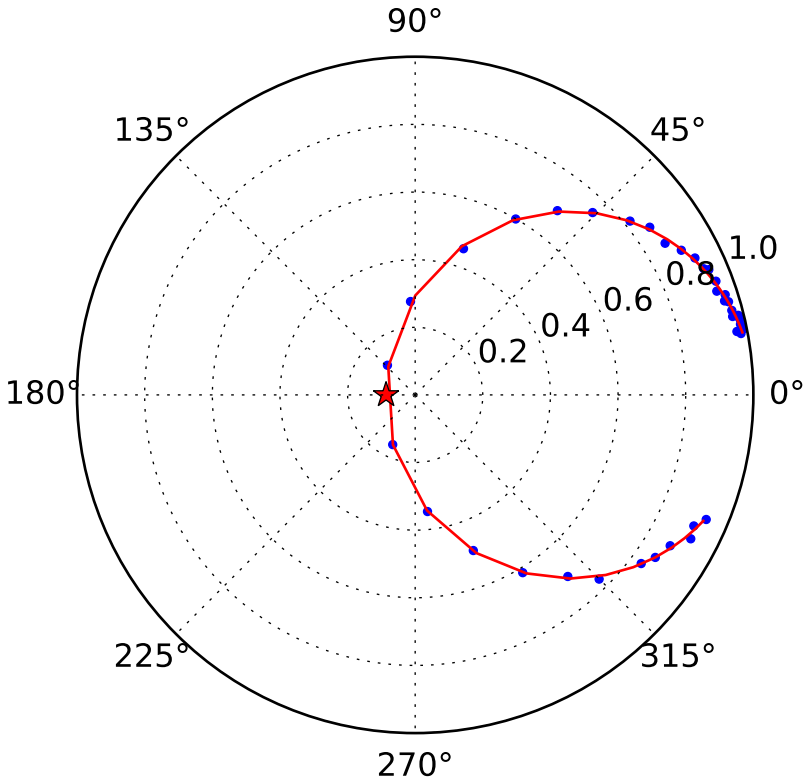


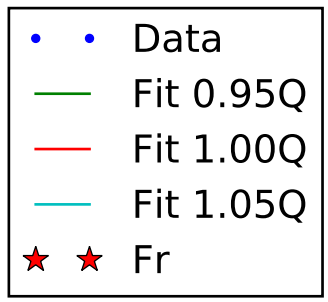


$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.14870536638
Qr = 13564.5707458
Qc = 40572.1206205
a = (0.0144349930572+0.10187262028j)
phi = 0.327326688239
tau = 25.4561214421

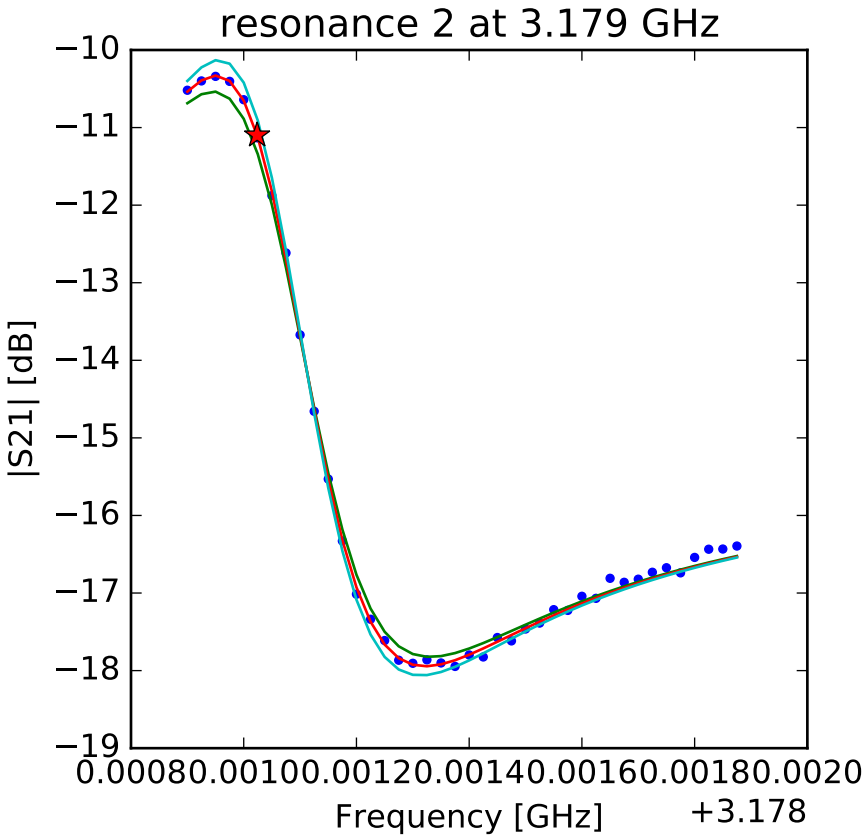


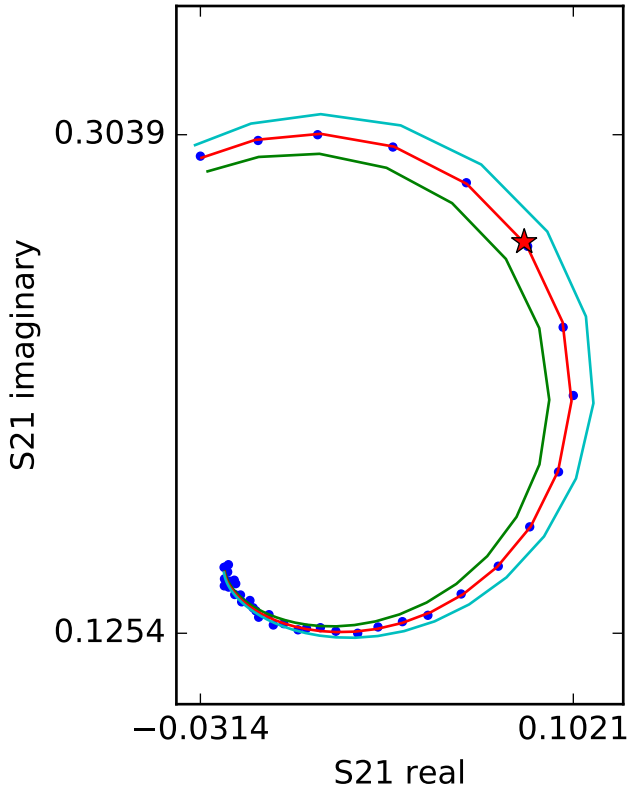


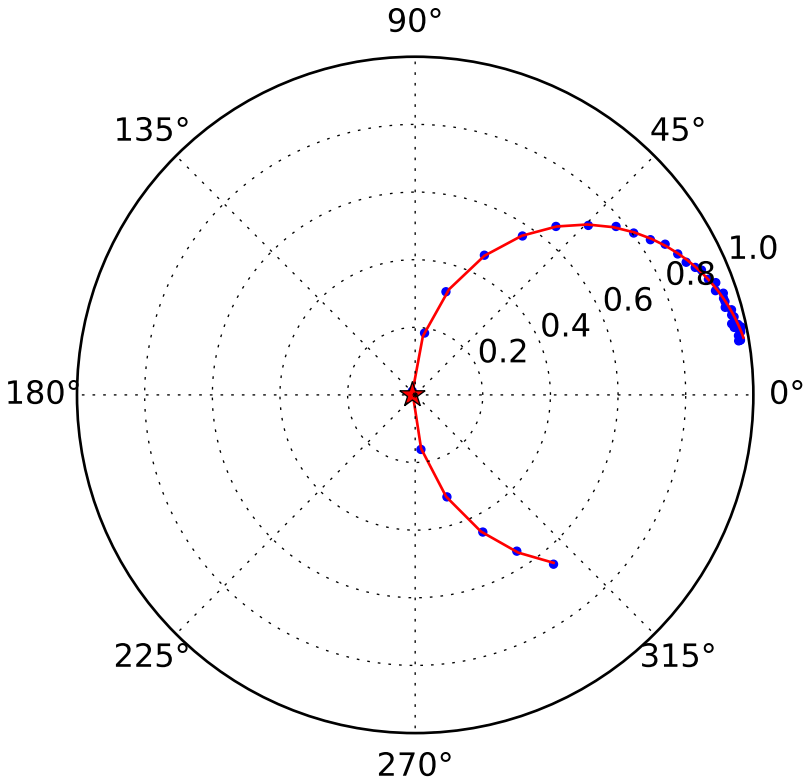


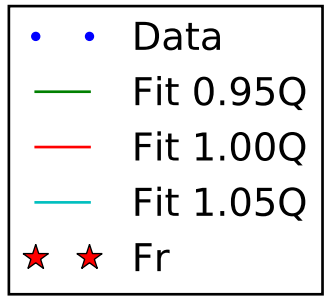
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.16384100336
Qr = 13681.7444038
Qc = 12597.0124183
a = (-0.00483188796067-0.135446409527j)
phi = 1.62068053764
tau = 26.5676608504



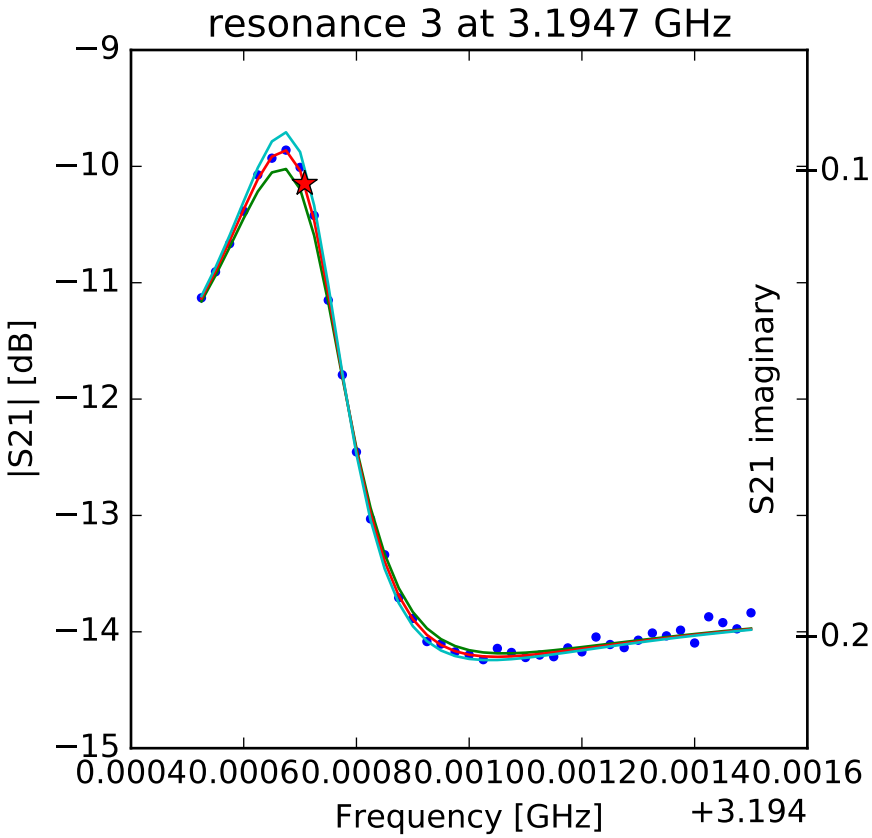


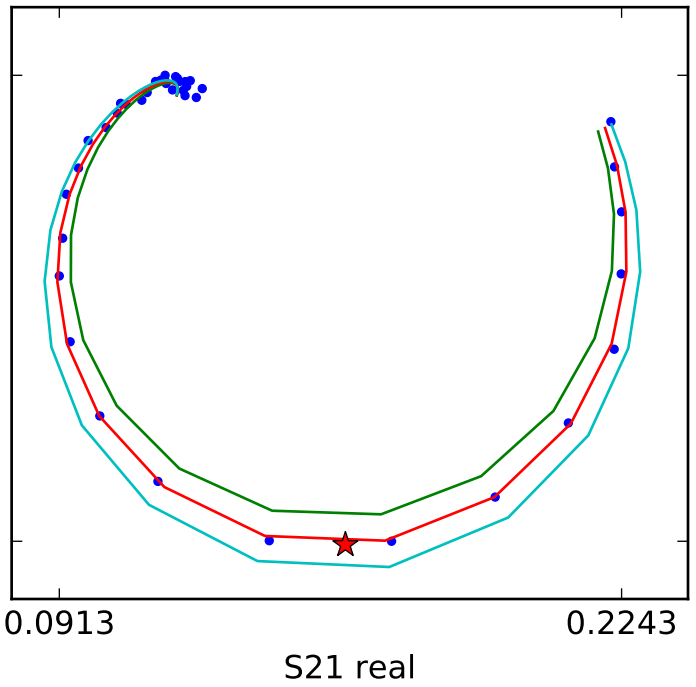


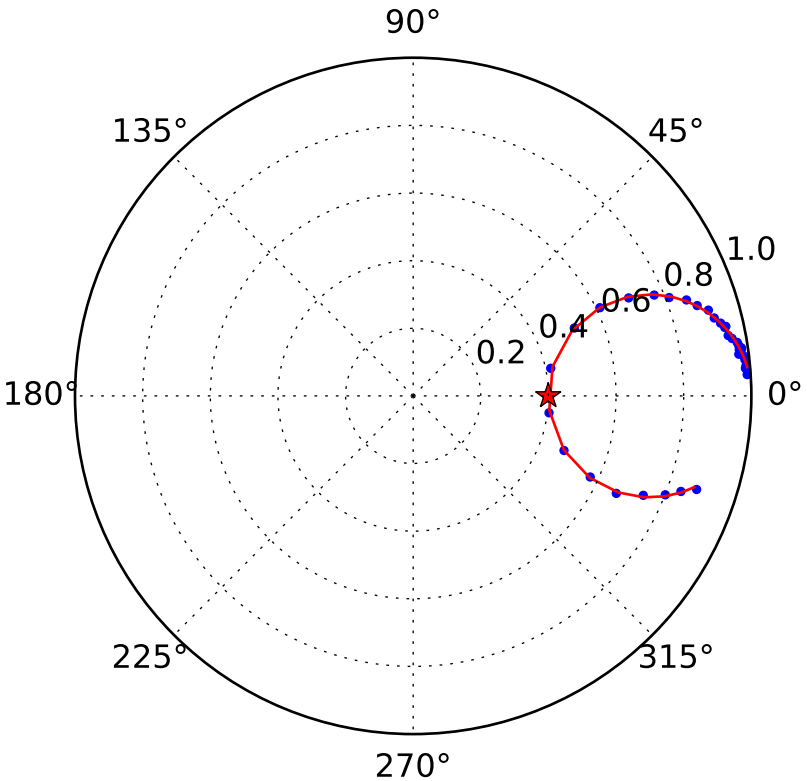


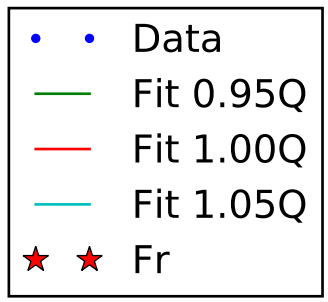
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.17902380934
Qr = 10789.4016696
Qc = 10702.5214902
a = (-0.0809220314953+0.156664605489j)
phi = 1.81186235856
tau = 23.283444369



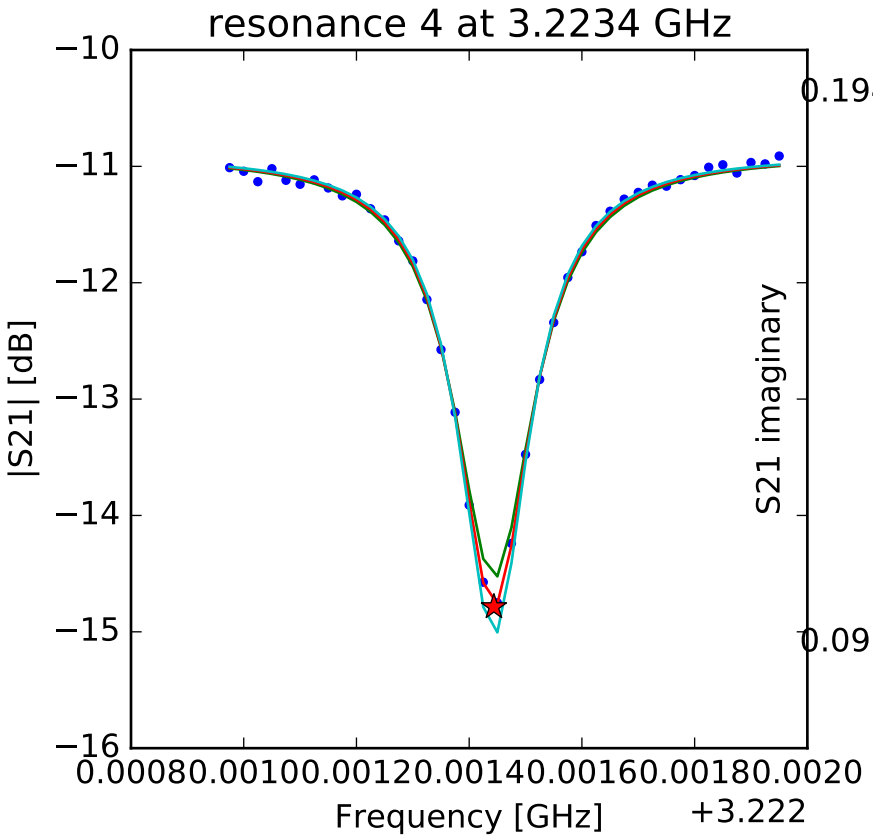


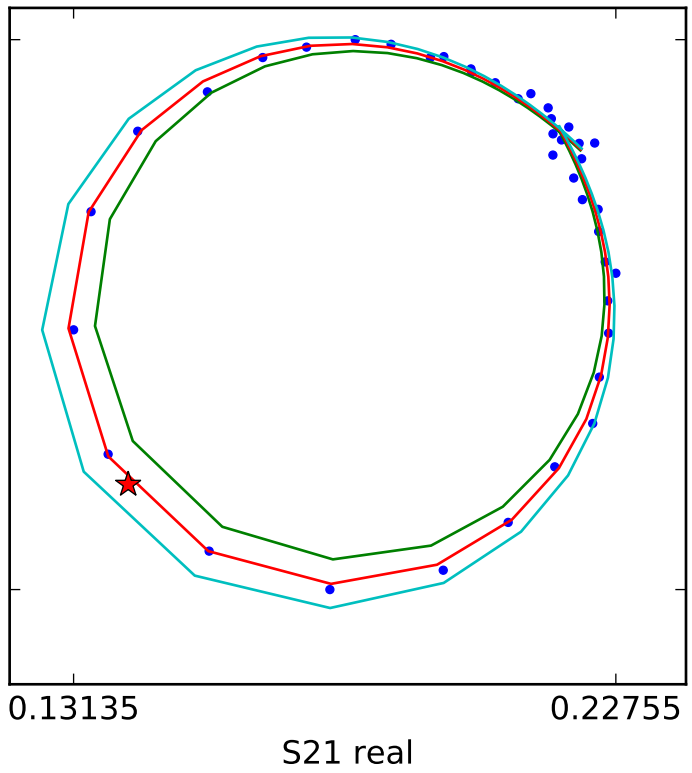


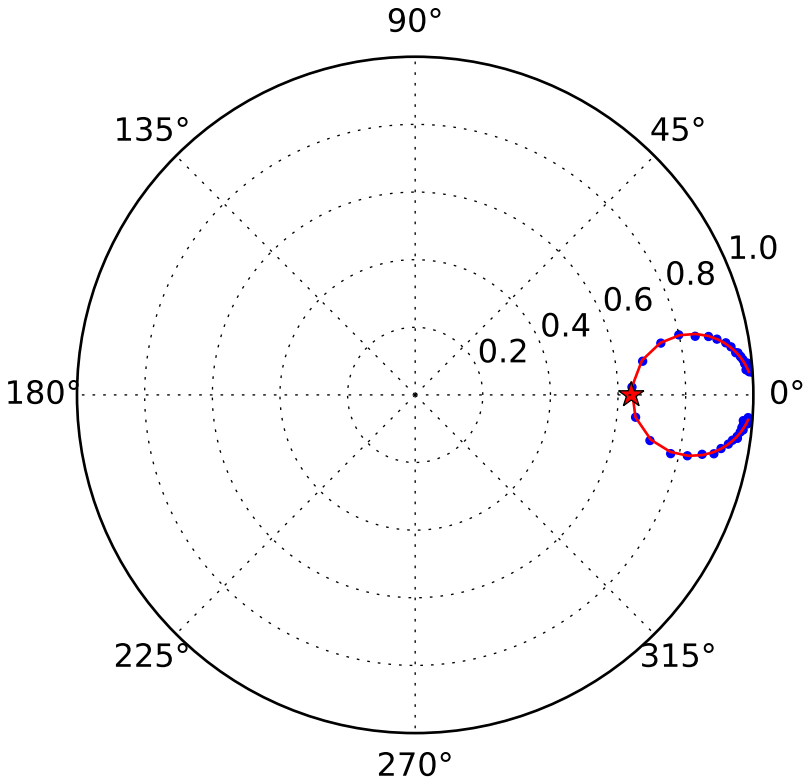


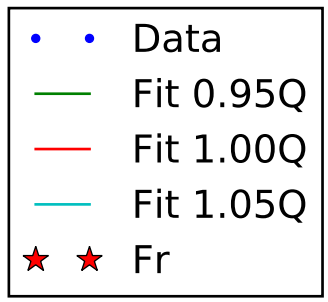
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.19470818019
Qr = 13951.6751634
Qc = 23228.8420317
a = (0.209938669617-0.0220587711551j)
phi = 2.30883530708
tau = 27.263567452



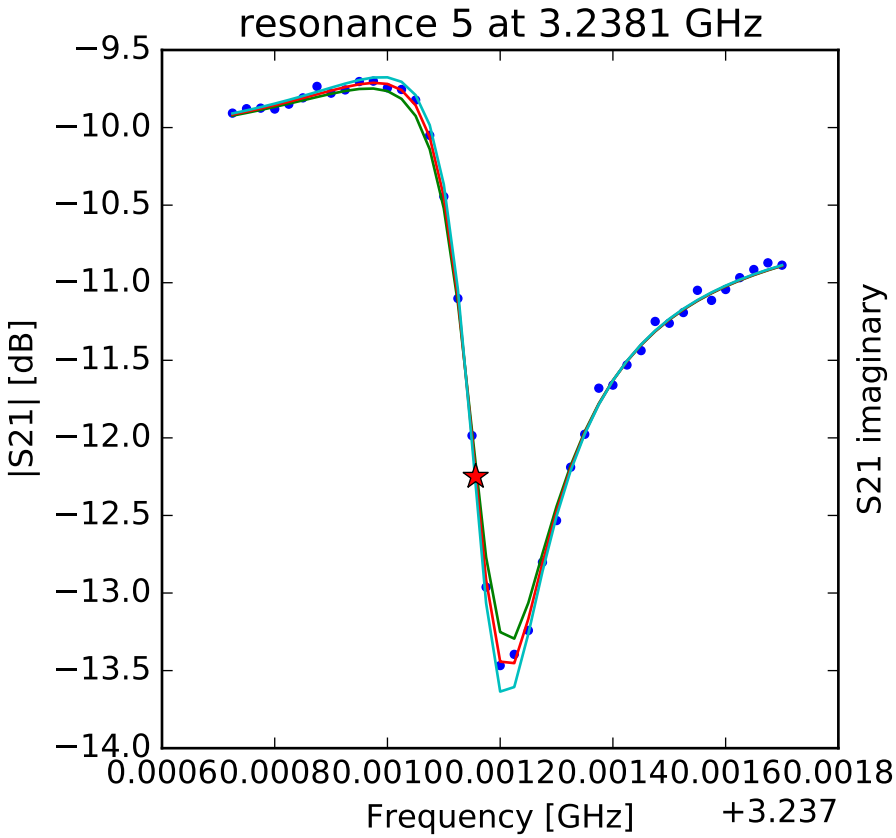


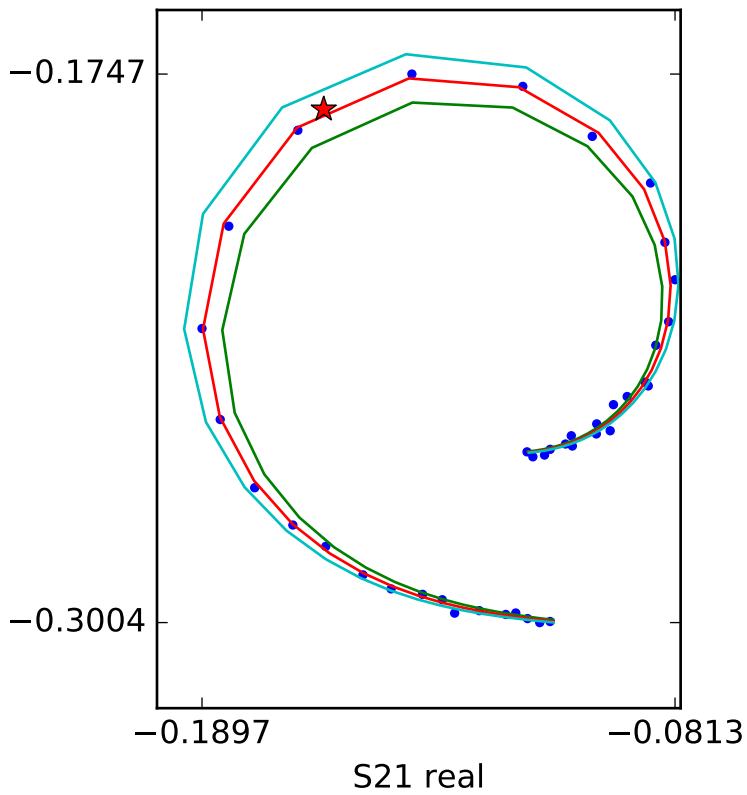


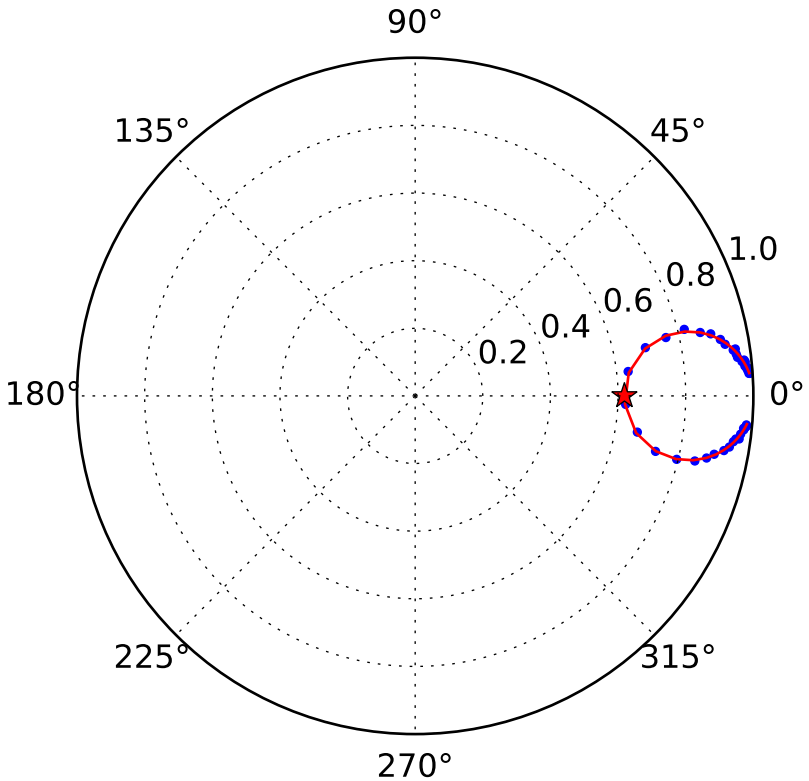


$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.22344387019
Qr = 16083.3784611
Qc = 44540.5579169
a = (-0.132784695252-0.252487913669j)
phi = -0.00281089692741
tau = 26.8545146646

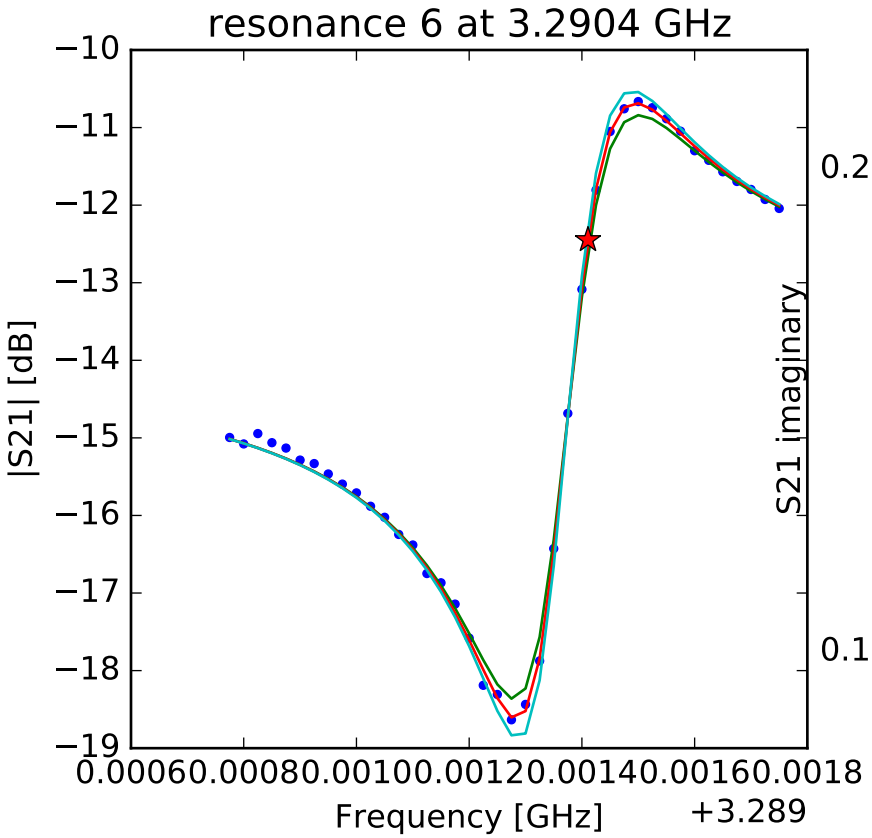


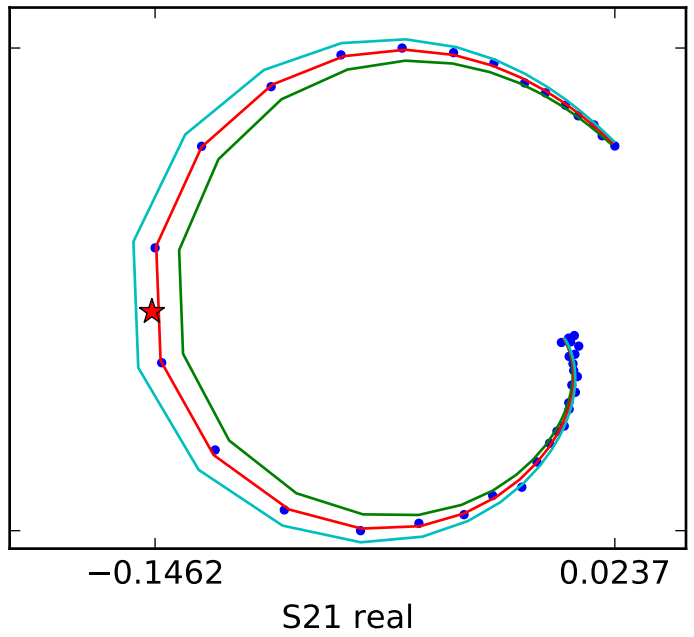


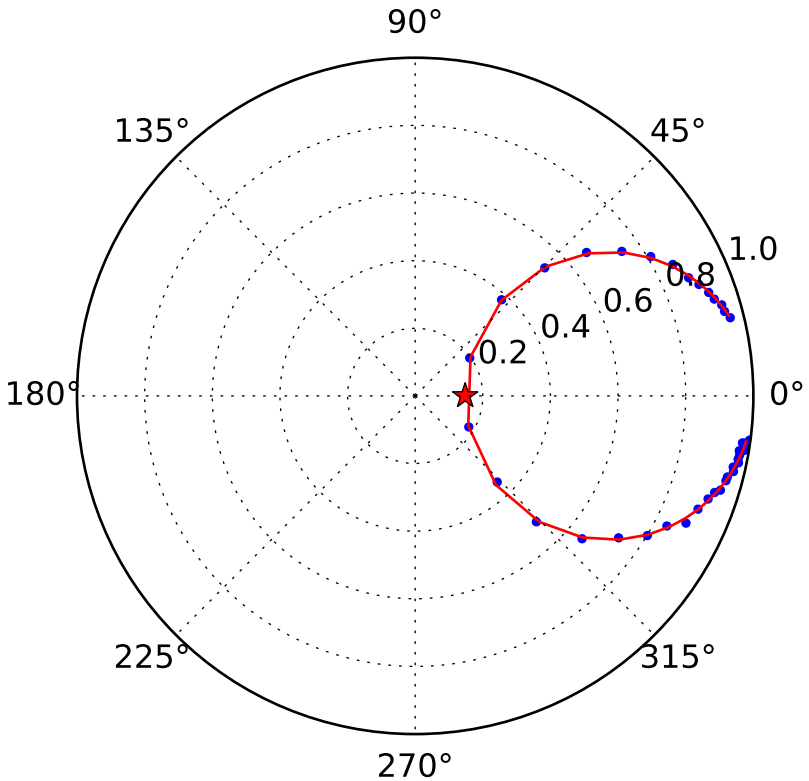


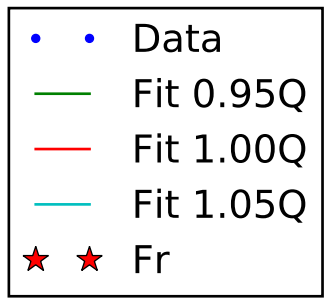
$$t_{21}(f) = ae^{-2\pi j f \tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f - f_r}{f_r})}\right]$$

fr = 3.23815645982
Qr = 16258.088897
Qc = 42642.9156825
a = (-0.291955756566+0.081933793431j)
phi = 0.860093793705
tau = 27.4116919089



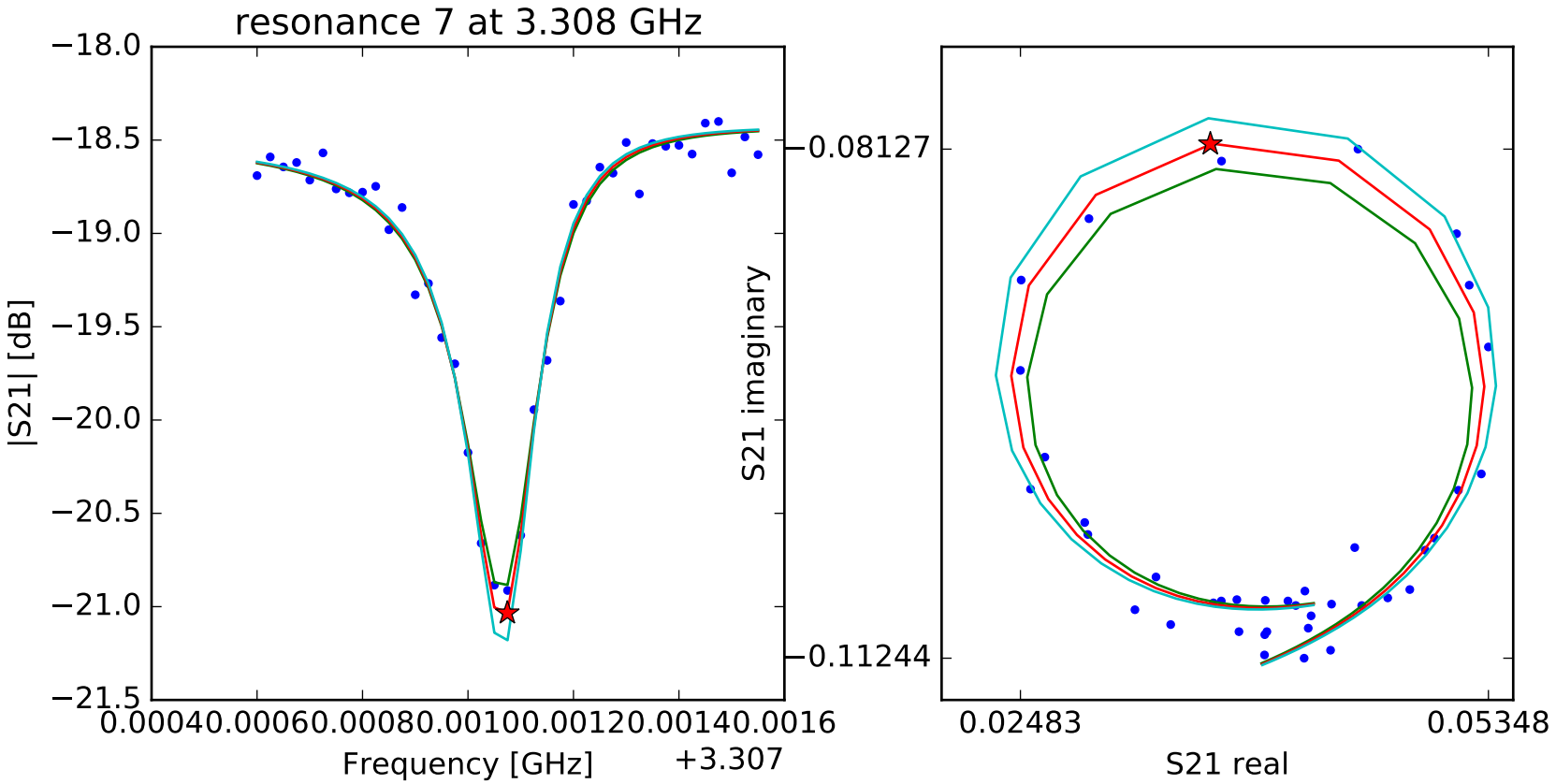


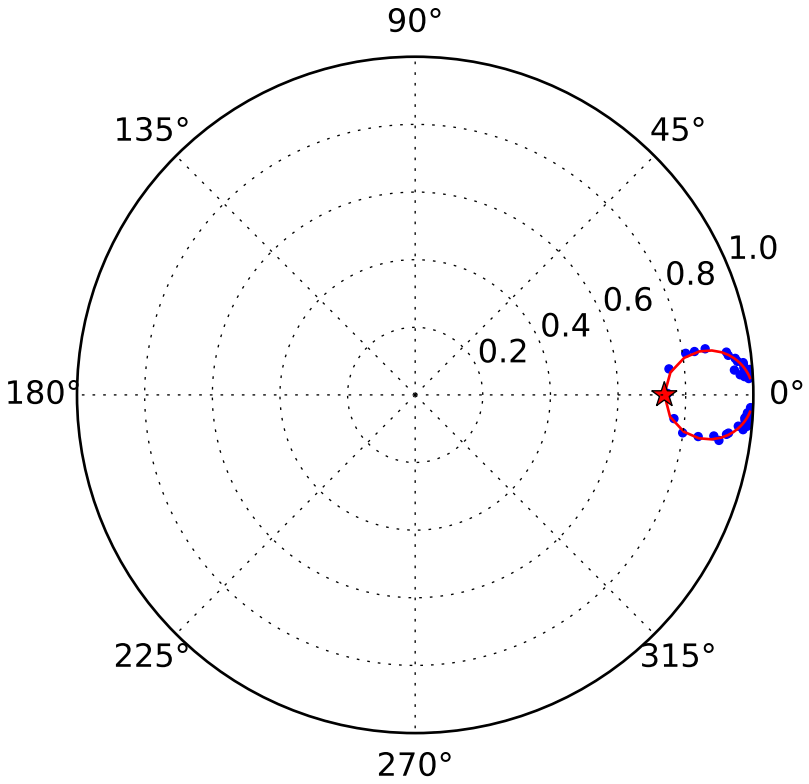


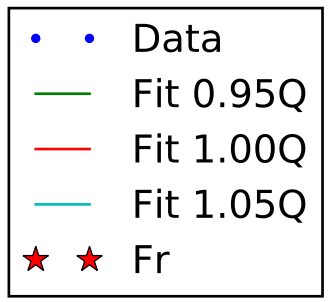


$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.29041075743
Qr = 15925.5447952
Qc = 18687.1222595
a = (-0.20231281167-0.0363821473367j)
phi = -1.3463969545
tau = 28.3549083351

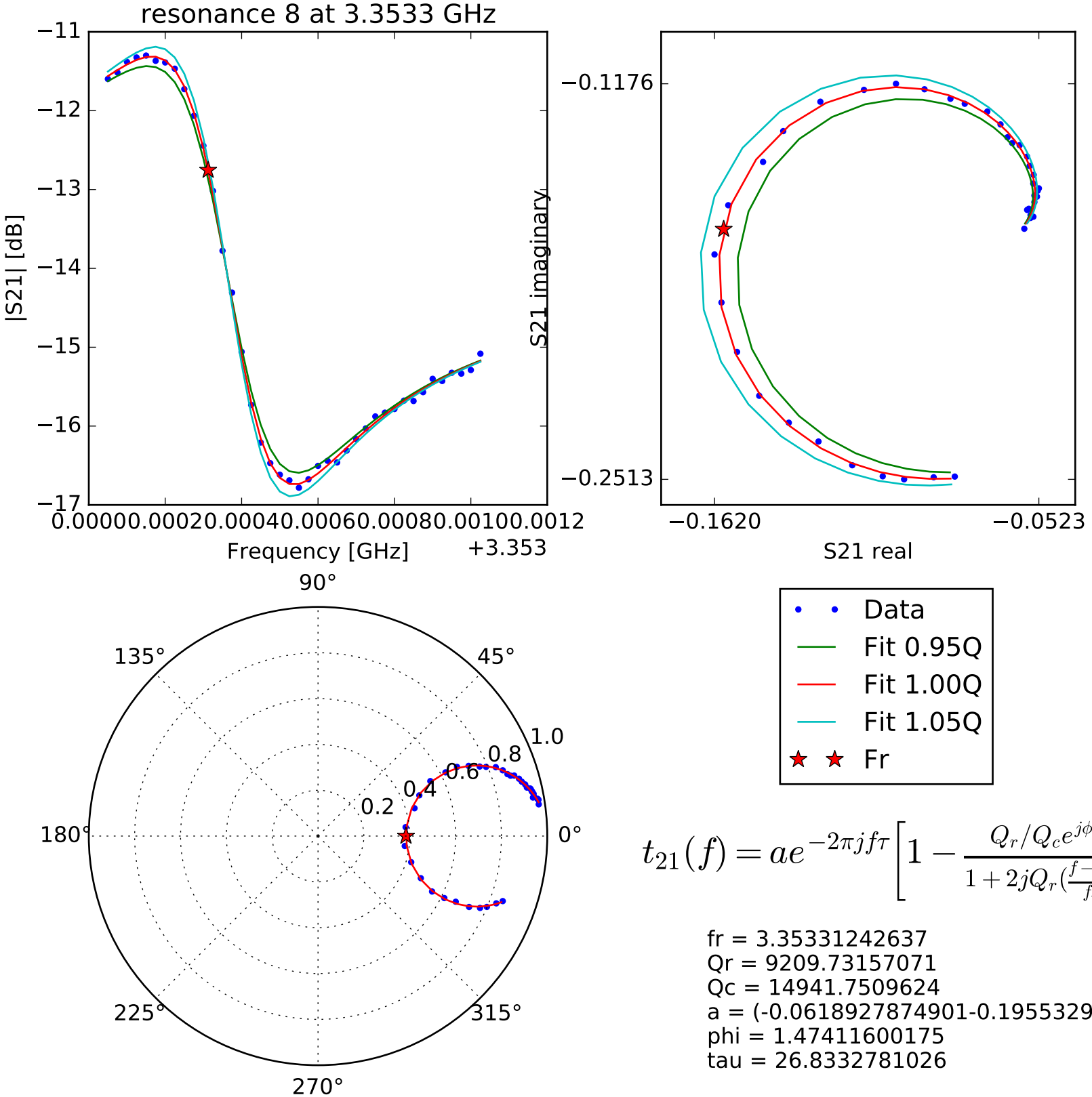






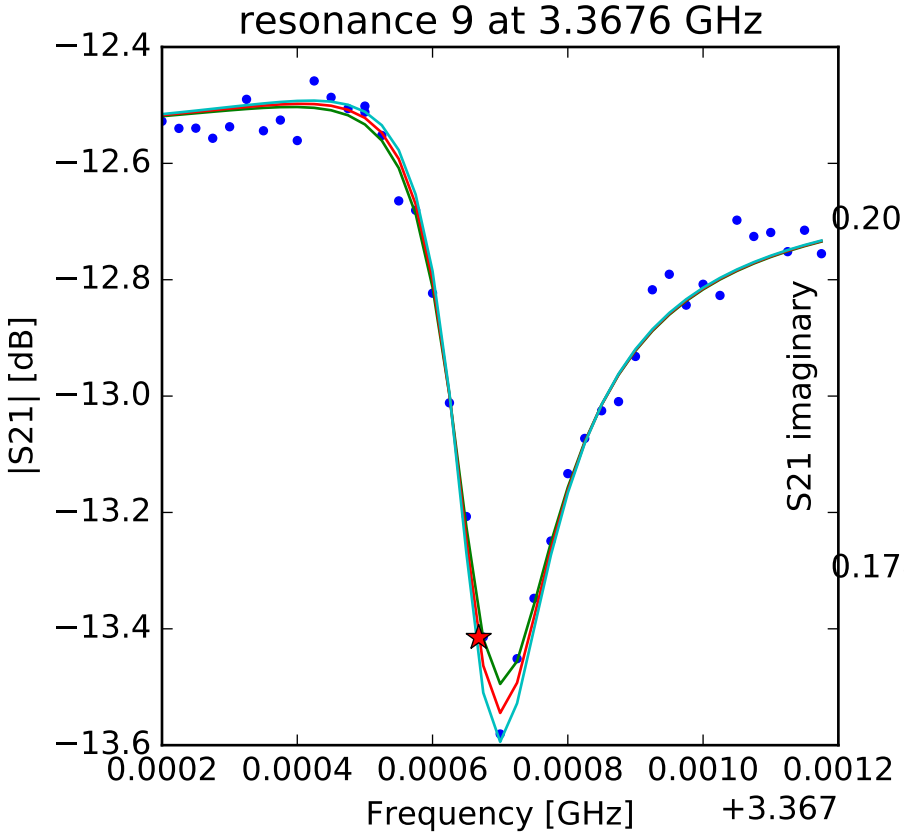
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

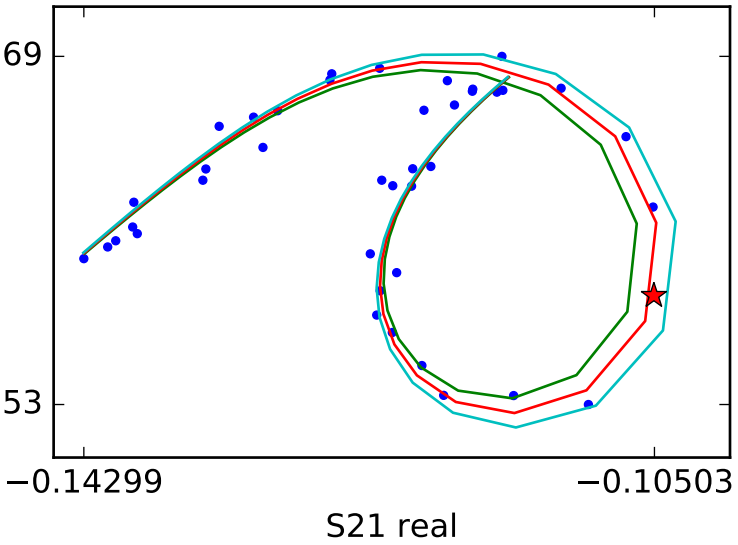
fr = 3.30807463428
Qr = 17635.5283739
Qc = 66990.229855
a = (-0.116383140755-0.0266820369589j)
phi = -0.195568389766
tau = 22.5900233254

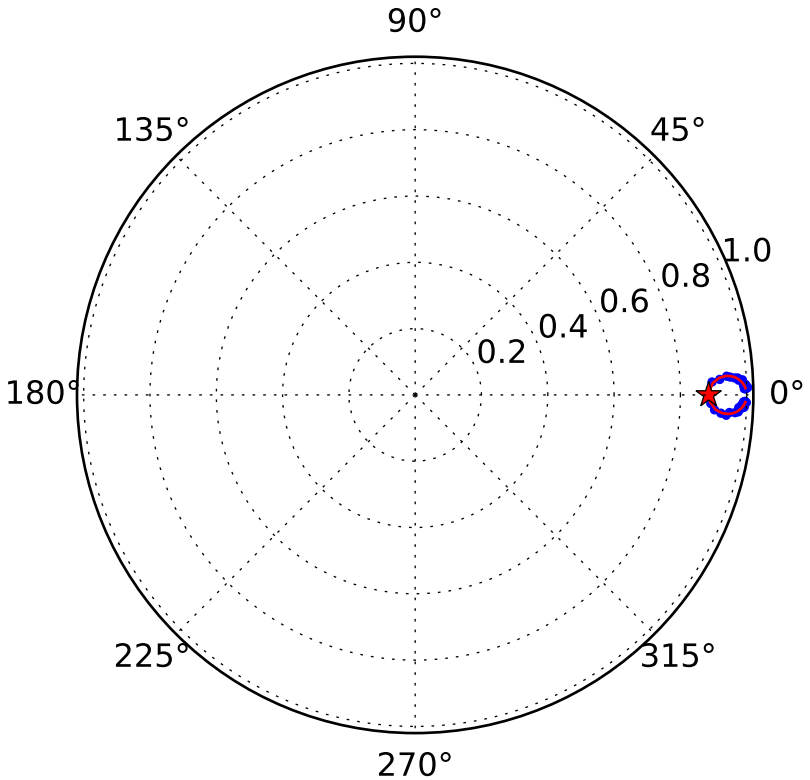


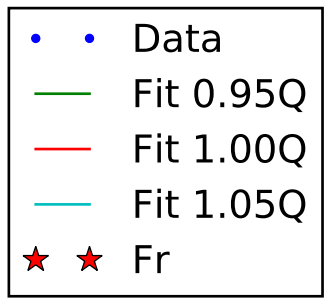
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.35331242637
Qr = 9209.73157071
Qc = 14941.7509624
a = (-0.0618927874901-0.195532918328j)
phi = 1.47411600175
tau = 26.8332781026



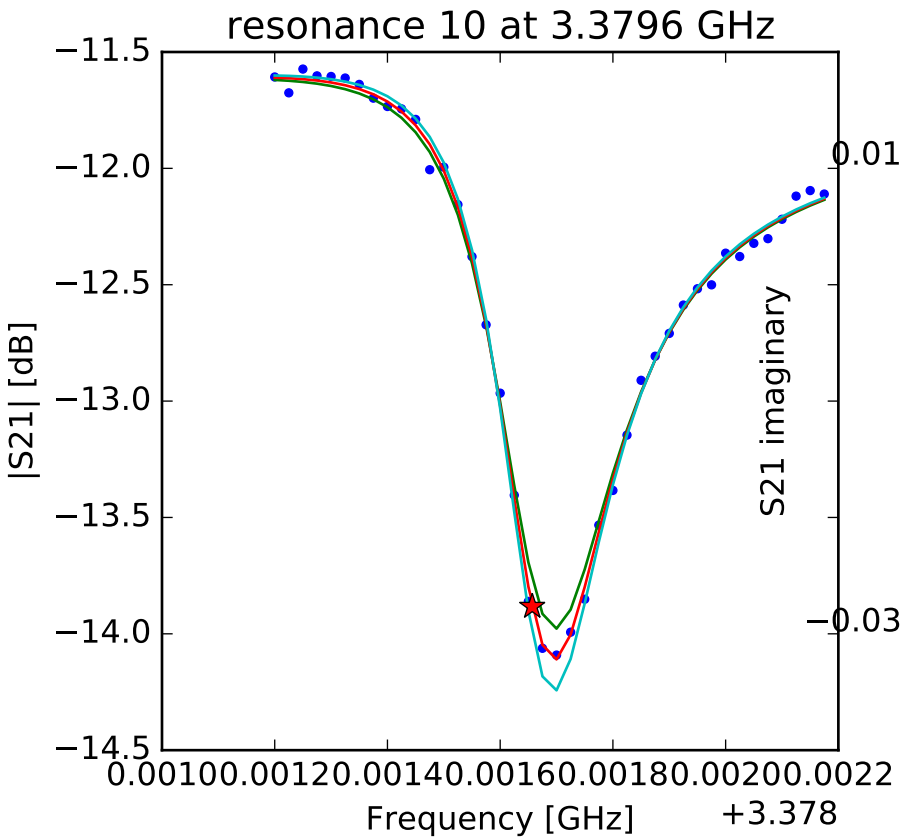


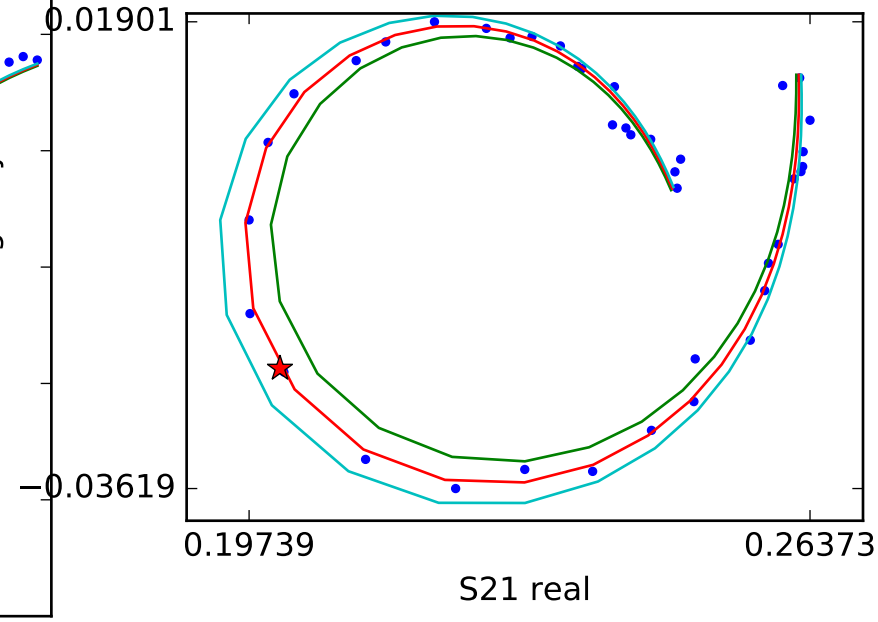


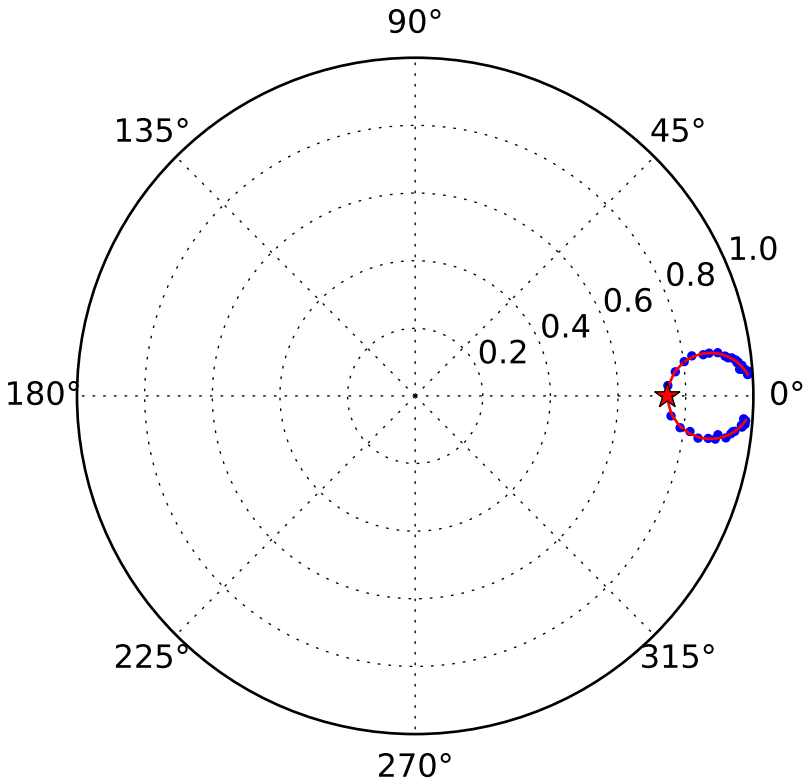


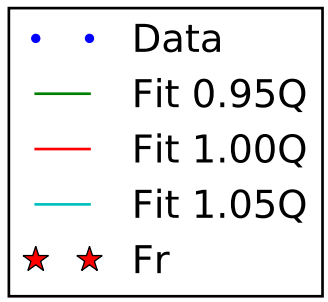
$$t_{21}(f) = ae^{-2\pi j f \tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.36766822755
Qr = 18246.6341595
Qc = 158739.213336
a = (-0.109316866-0.207307282826j)
phi = 0.643417450619
tau = 26.5254116452



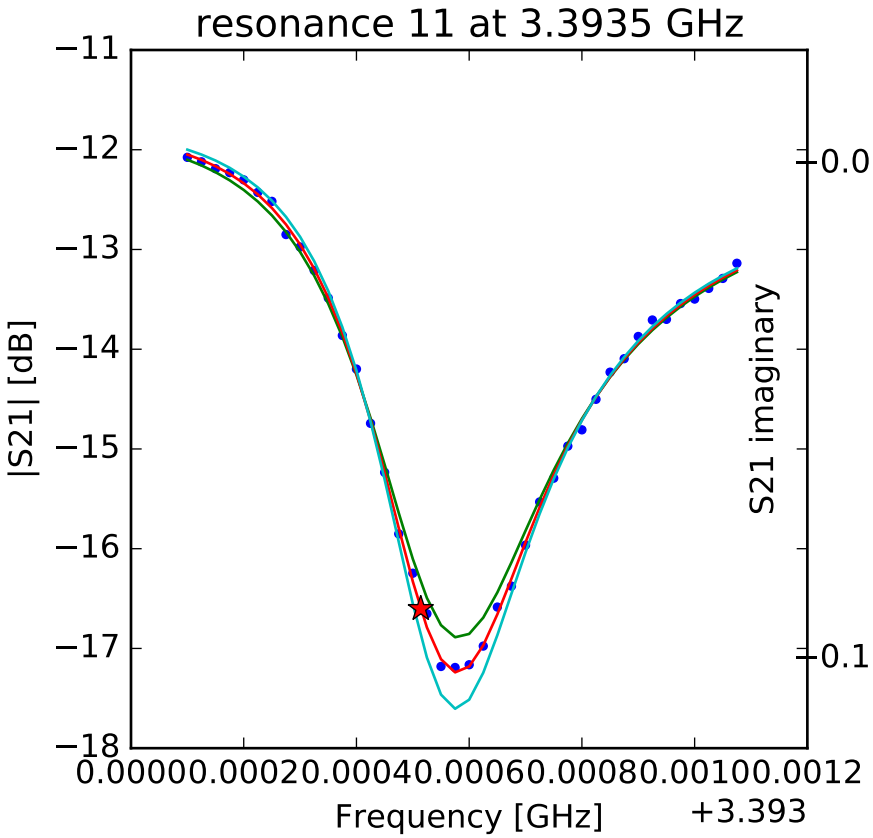


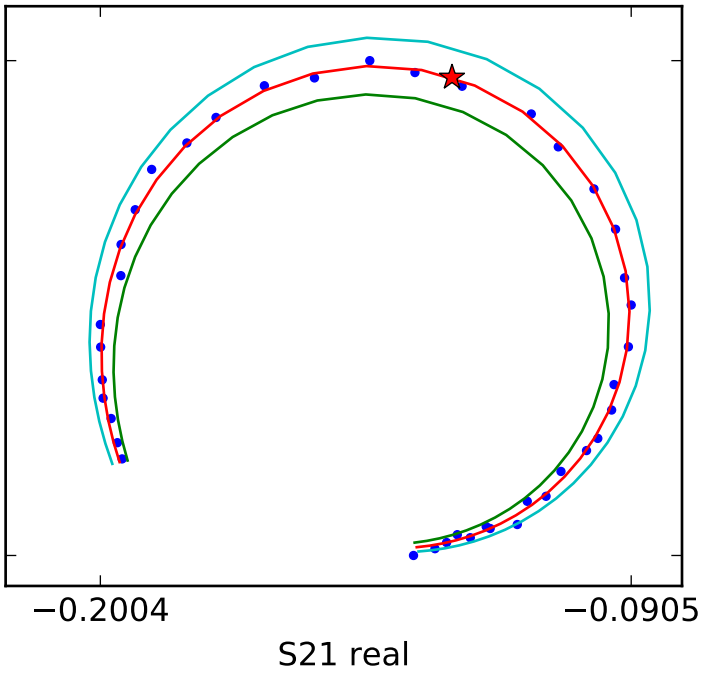


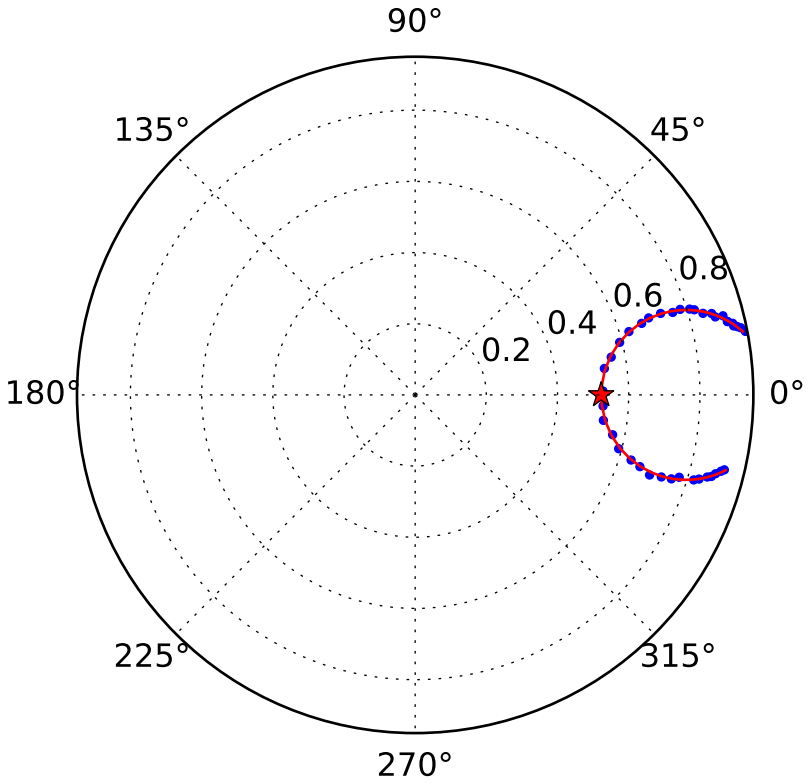


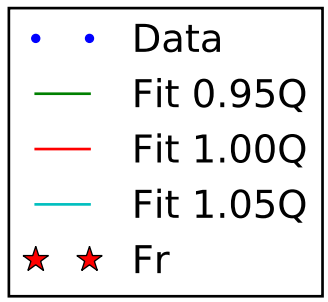
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.37965691338
Qr = 11960.0409755
Qc = 47005.4646113
a = (-0.00606761392003+0.258665247294j)
phi = 0.469637404246
tau = 28.7743811455



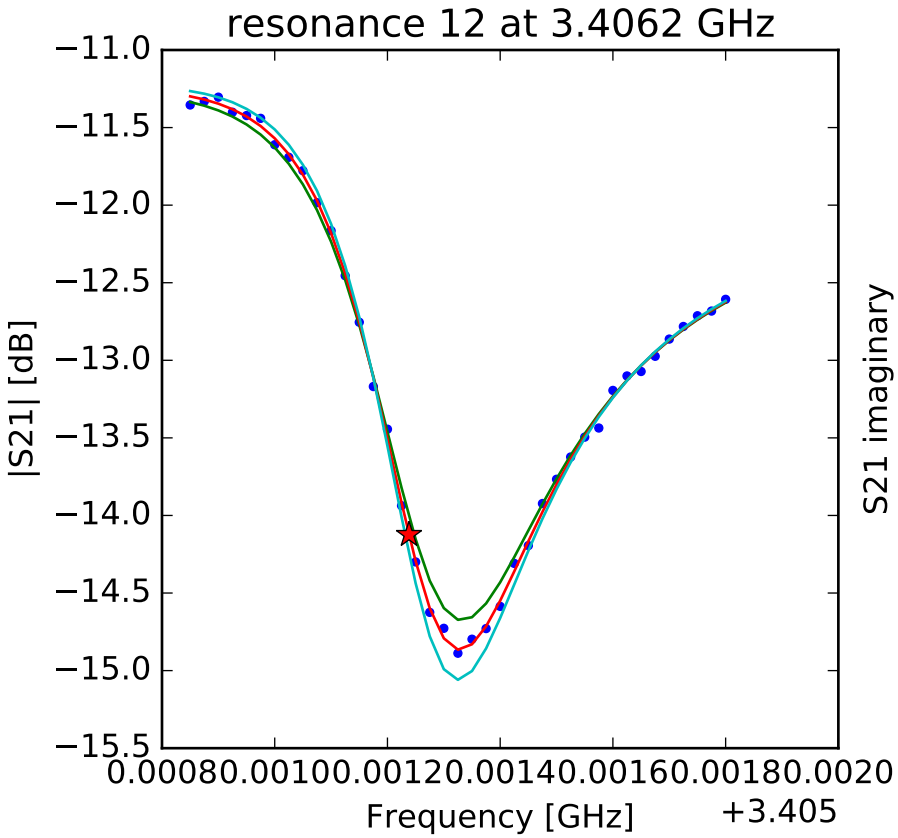


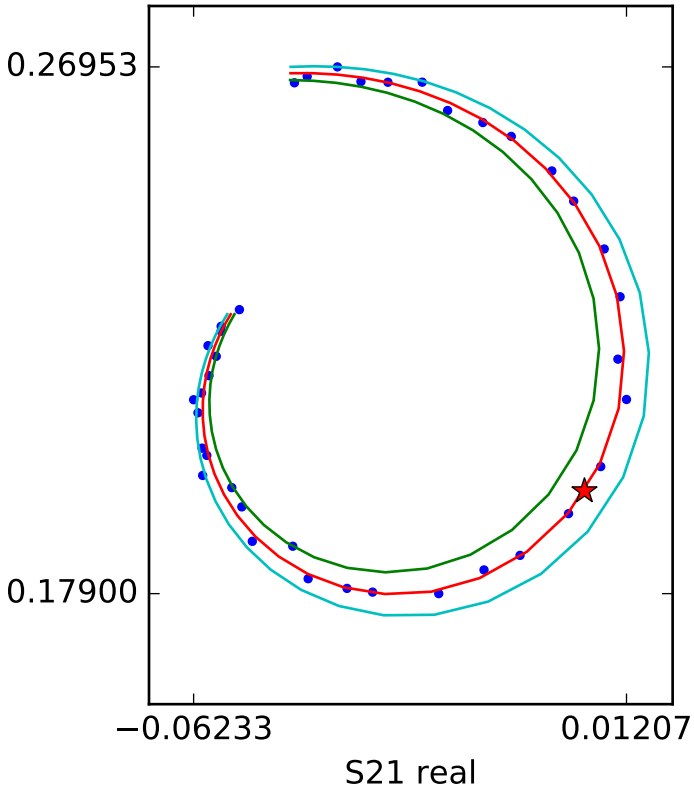


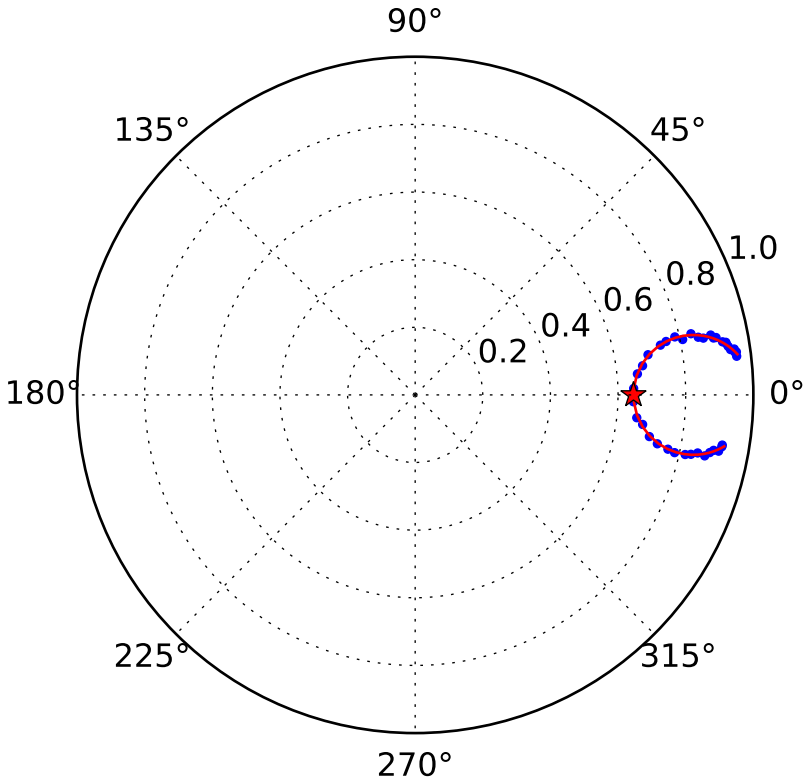


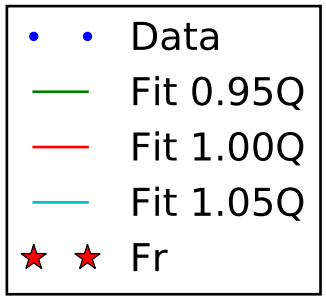
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.39351407743
Qr = 6754.47276358
Qc = 14145.816523
a = (0.0934258394315-0.233629296034j)
phi = 0.391831476791
tau = 26.8677286601



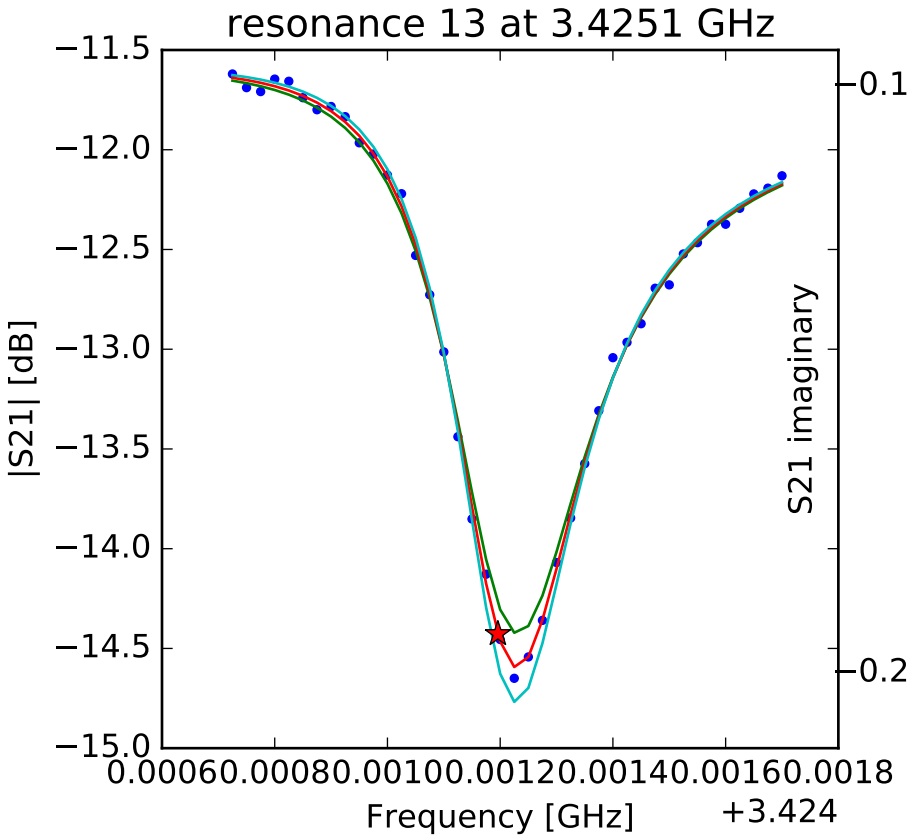


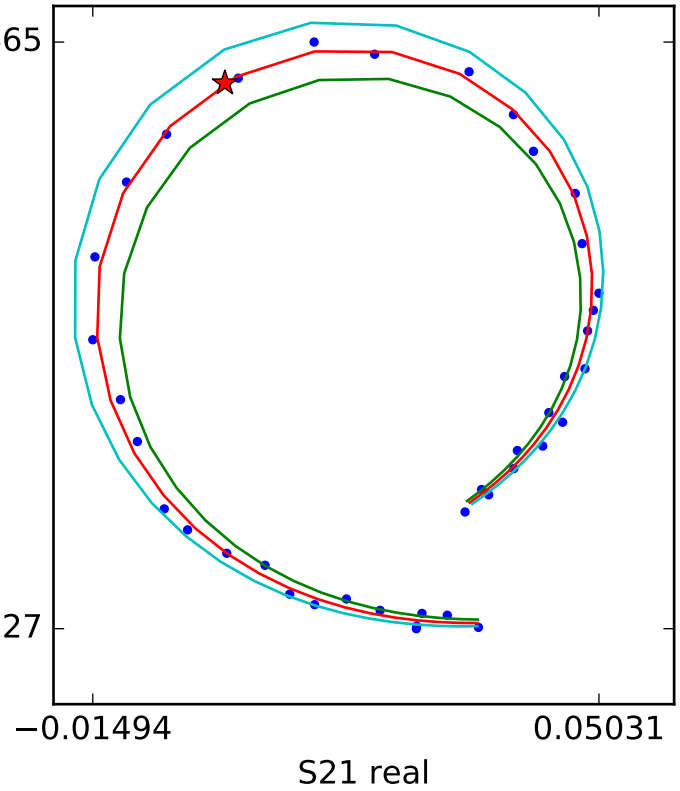


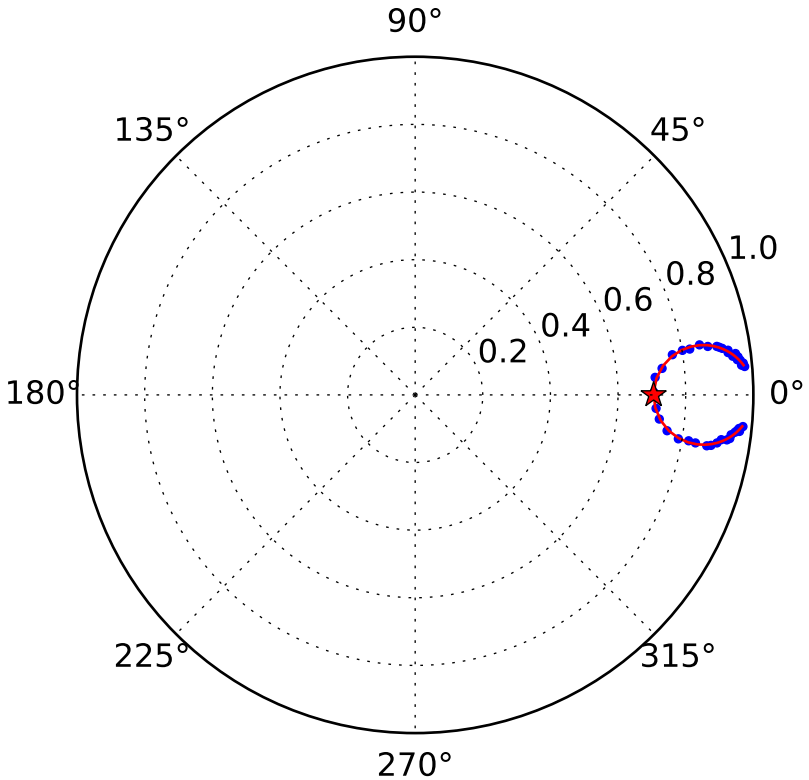


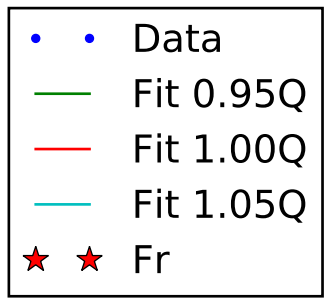
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.40623823135
Qr = 7732.31080742
Qc = 21810.3730731
a = (0.240889154429+0.103526978756j)
phi = 0.653714009989
tau = 28.41026483



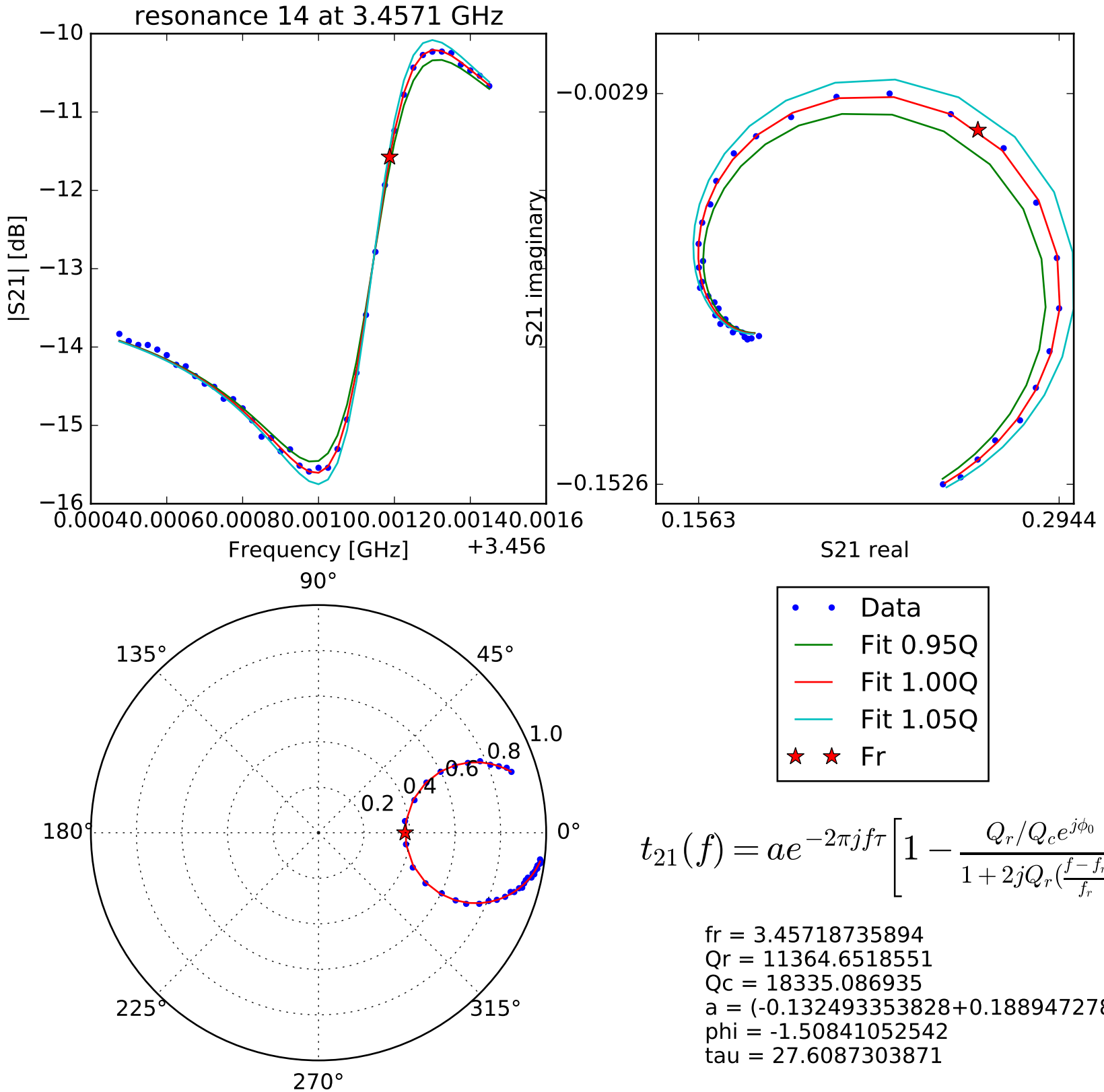






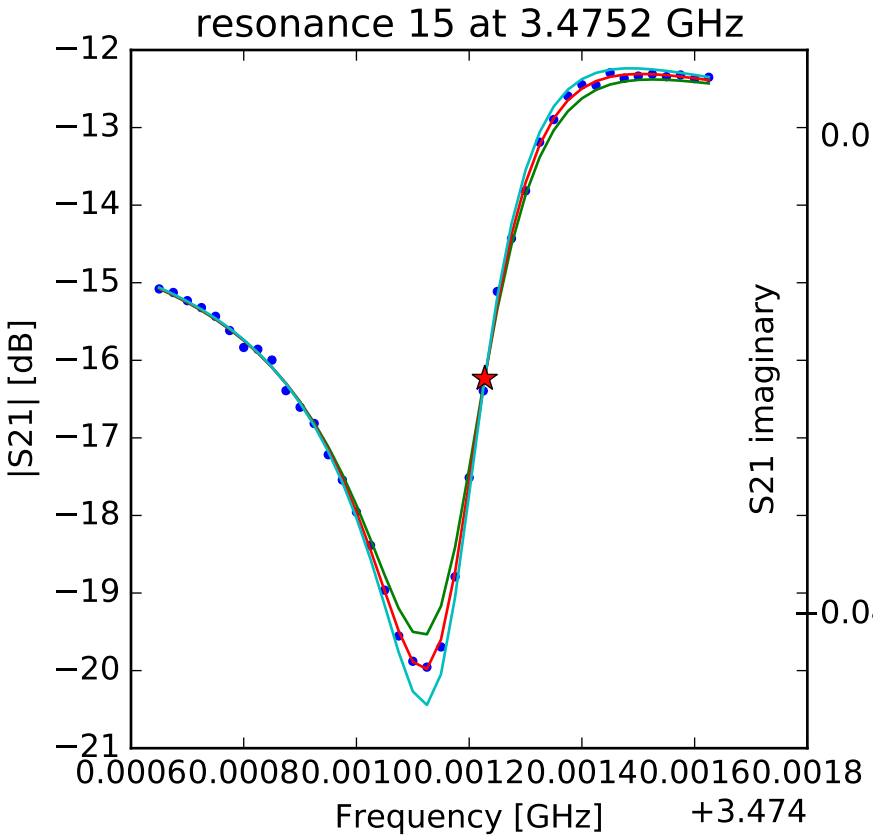
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

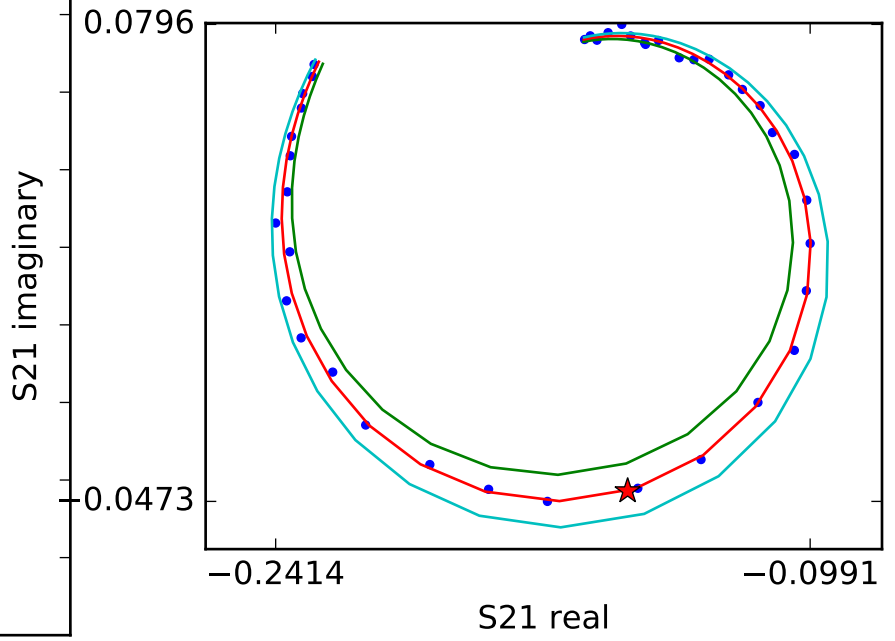
fr = 3.42519590103
Qr = 10266.9088211
Qc = 34809.4973852
a = (-0.161887442959+0.20404109035j)
phi = 0.345107470772
tau = 27.9058930085

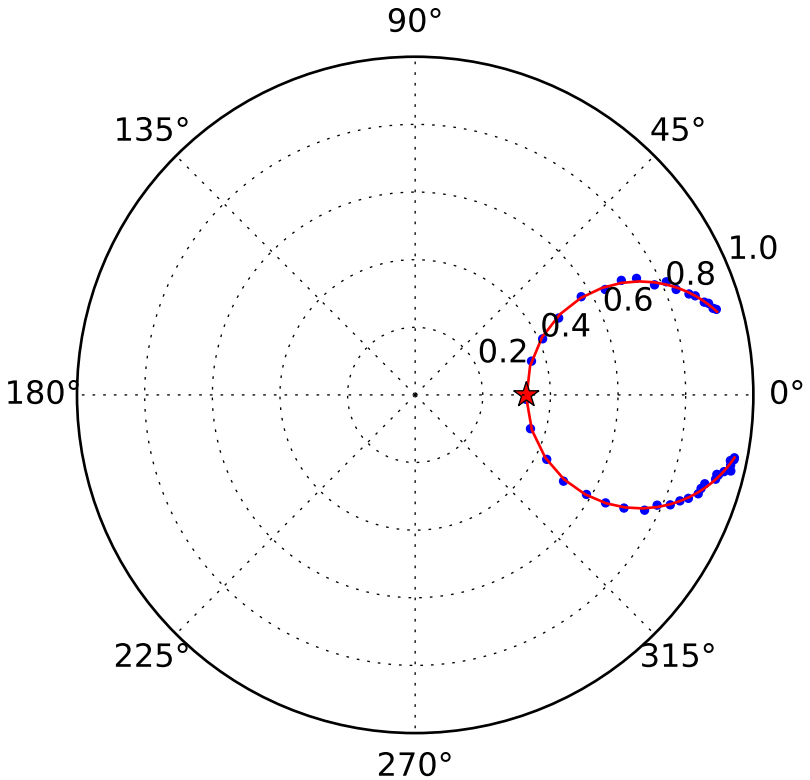


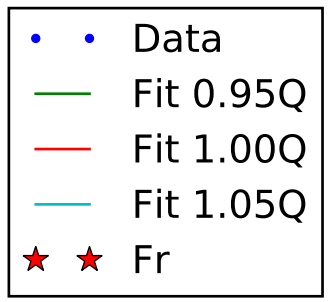
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.45718735894
Qr = 11364.6518551
Qc = 18335.086935
a = (-0.132493353828+0.188947278791j)
phi = -1.50841052542
tau = 27.6087303871



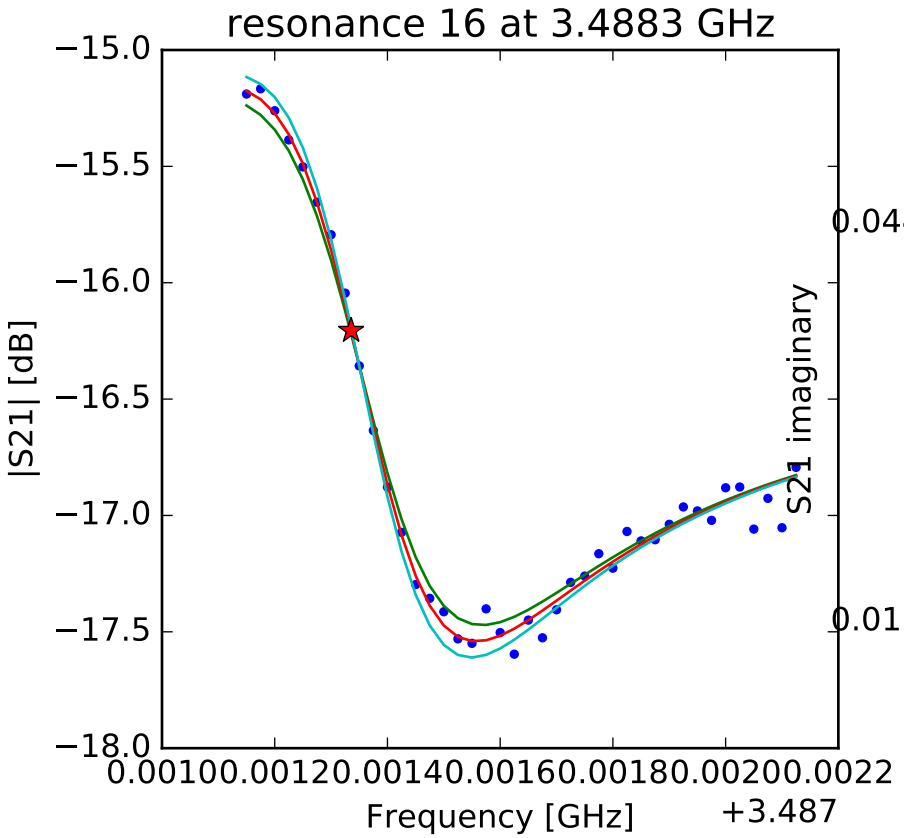


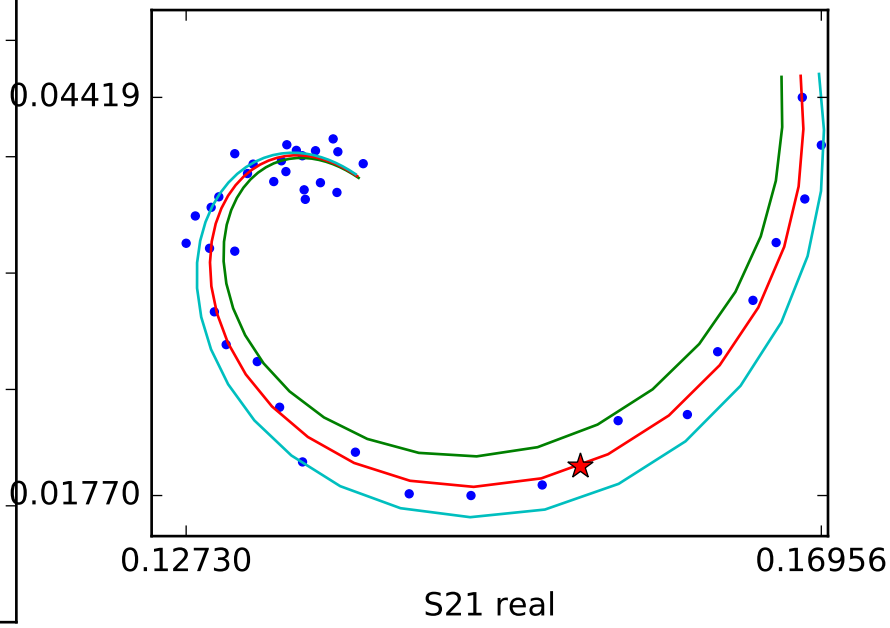


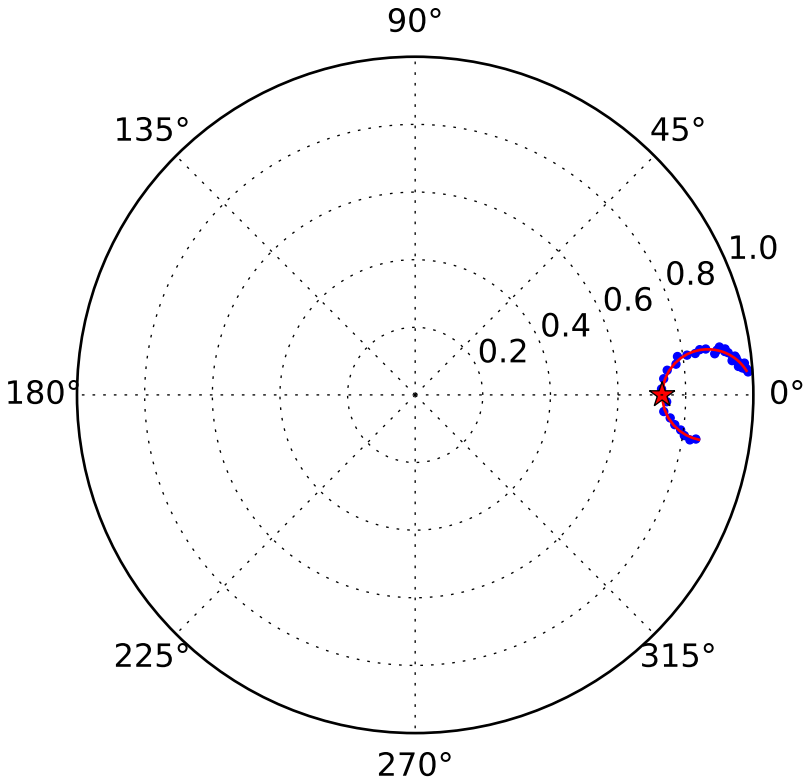


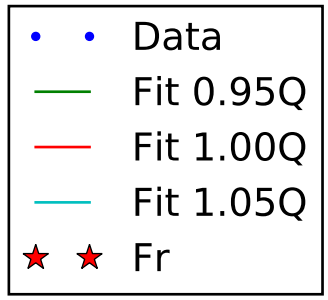
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.4752275489
Qr = 10004.2661726
Qc = 14902.2350364
a = (0.130774224422+0.166974121382j)
phi = -0.814202387089
tau = 28.6930147723



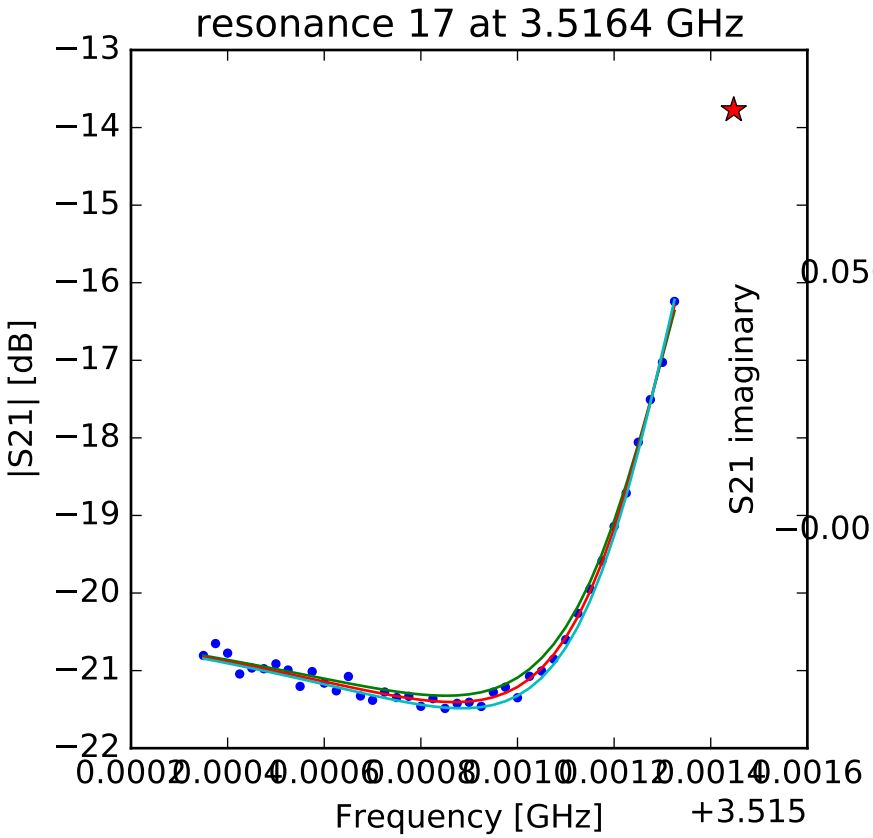


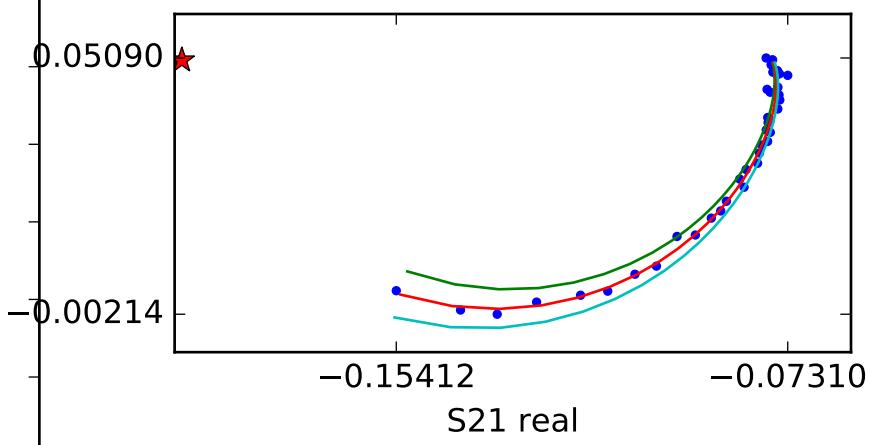


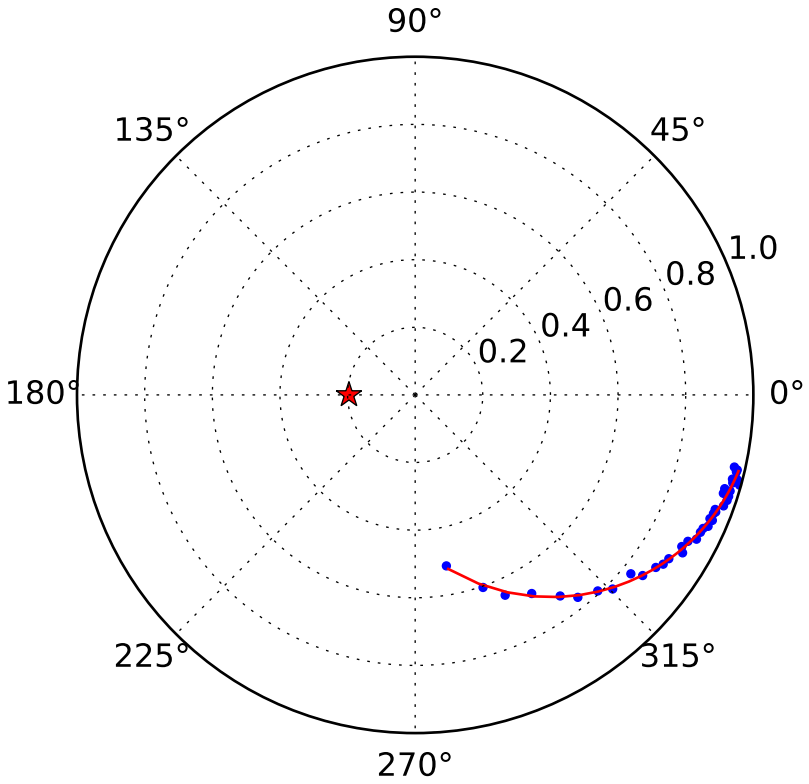


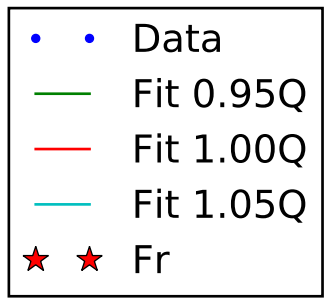
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.48833550658
Qr = 7730.94579213
Qc = 28653.8193697
a = (-0.153574400152-0.0241231755573j)
phi = 1.41926688144
tau = 23.0658371957



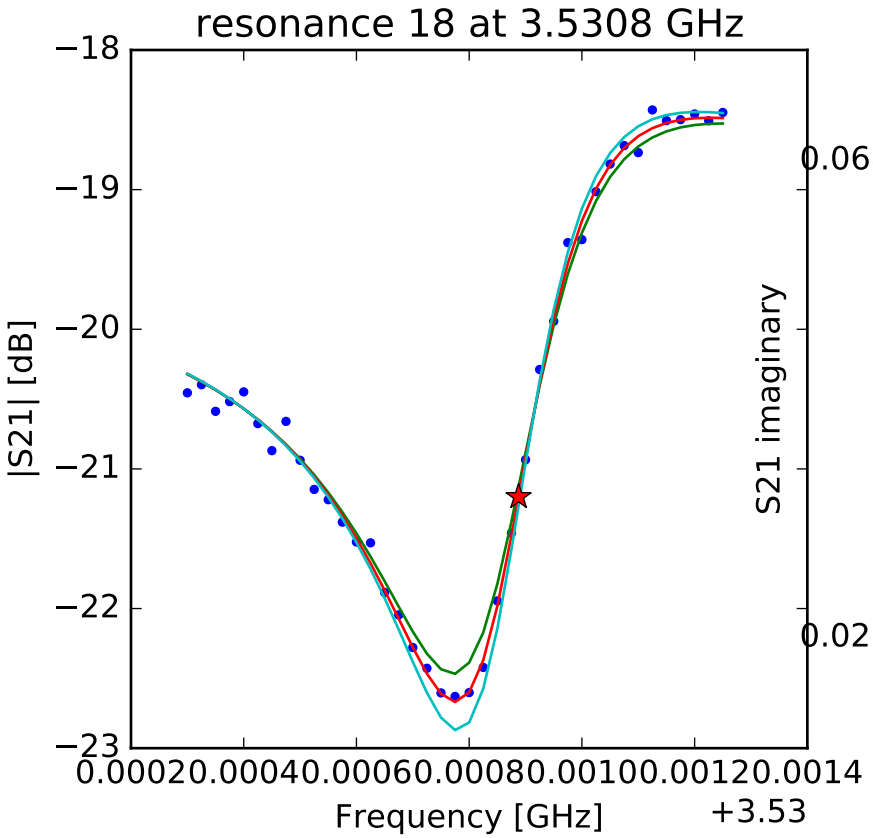


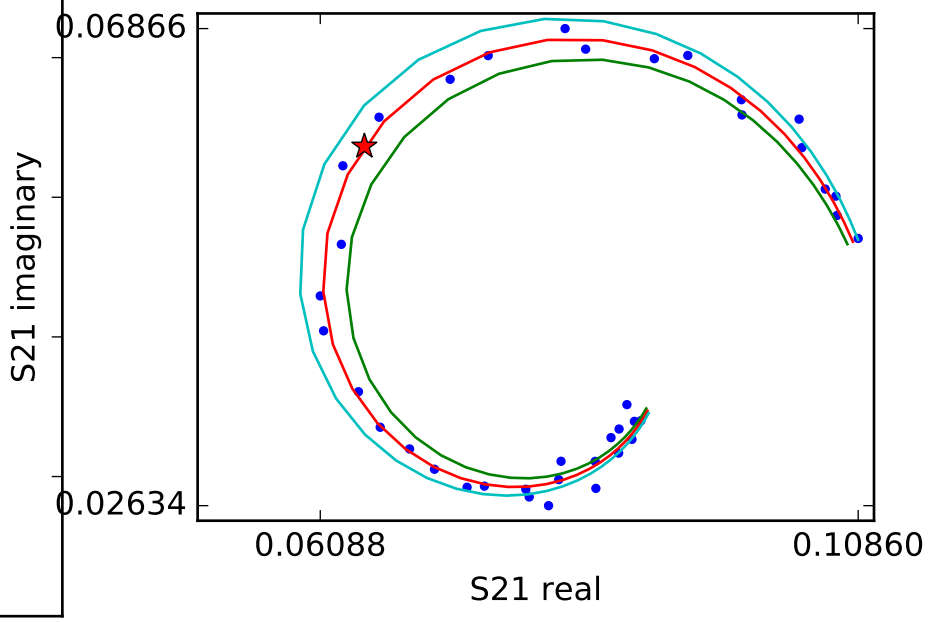


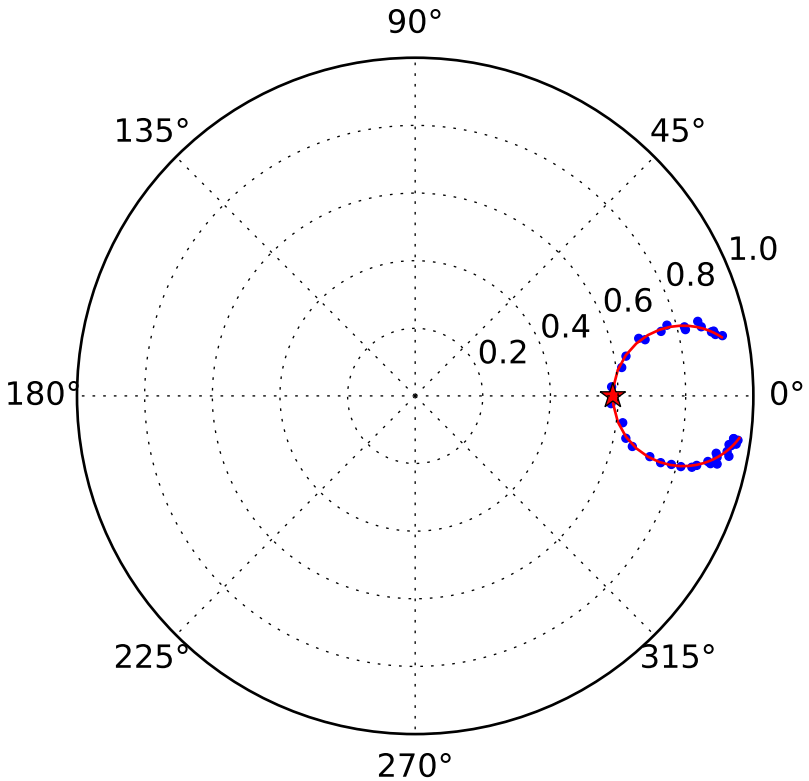


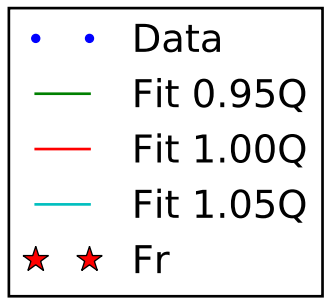
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.51644760629
Qr = 8180.08537967
Qc = 6840.3702449
a = (-0.0252083653154-0.106728333851j)
phi = -2.02898416646
tau = 16.0247086338



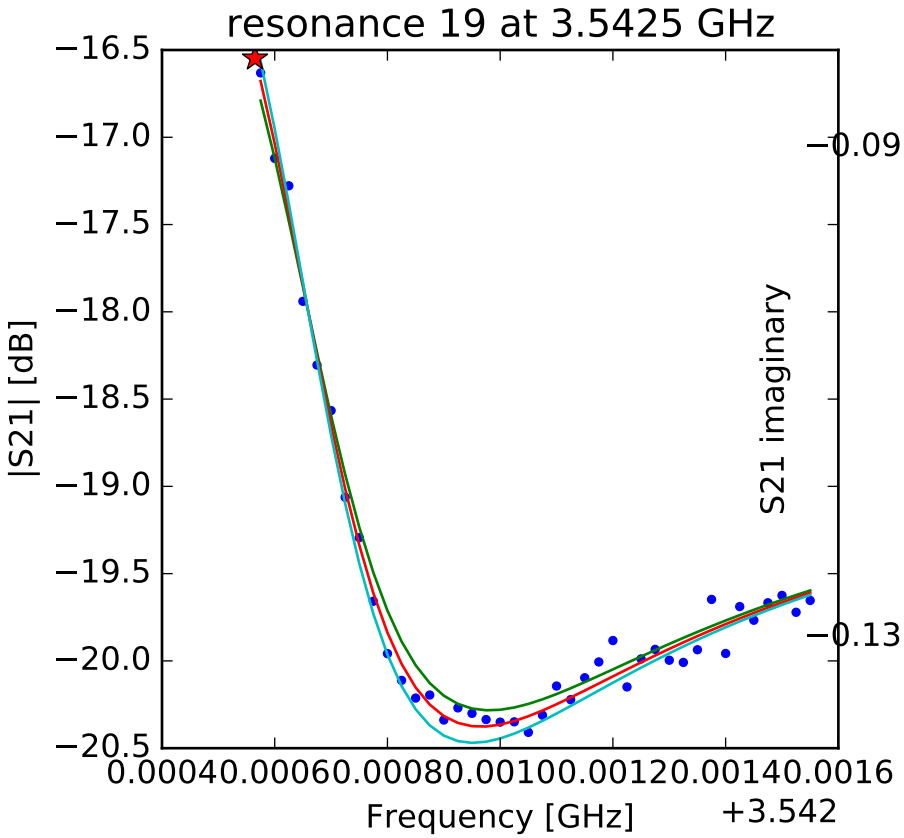


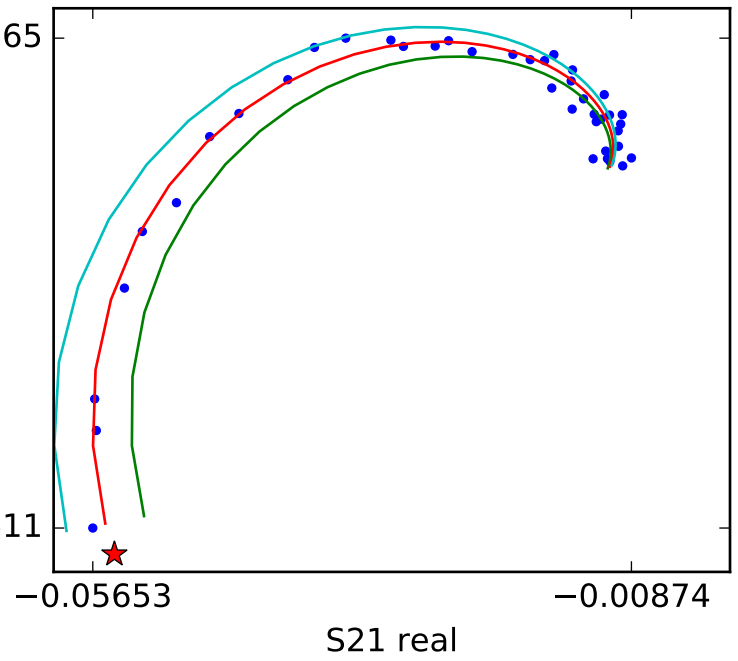


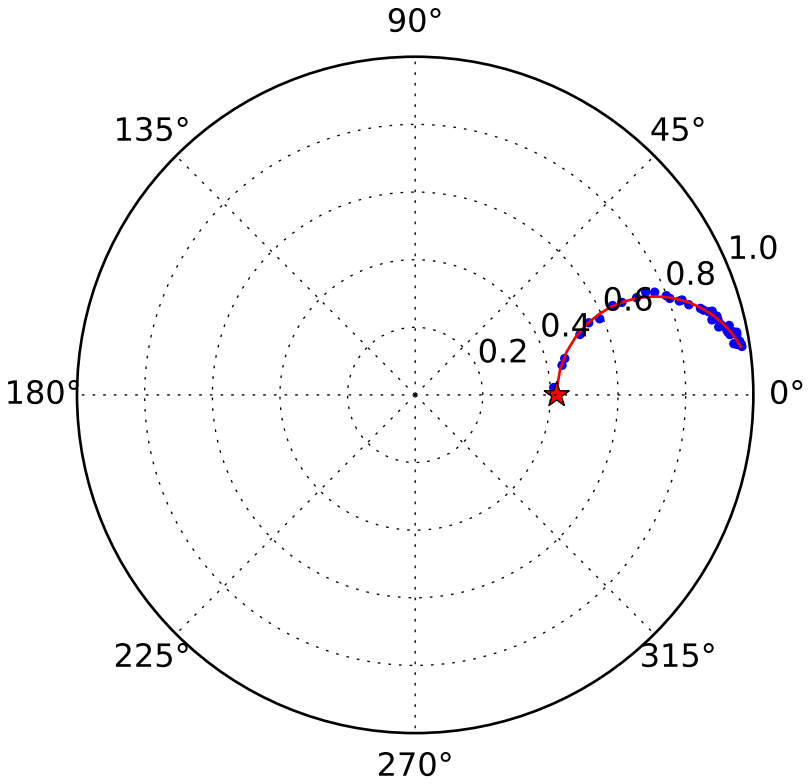


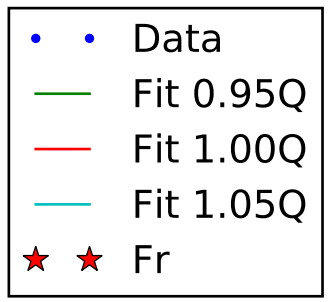
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.53088767487
Qr = 9040.49735186
Qc = 21756.143587
a = (0.0950816256745-0.0543581466045j)
phi = -0.863206837871
tau = 27.4338479142



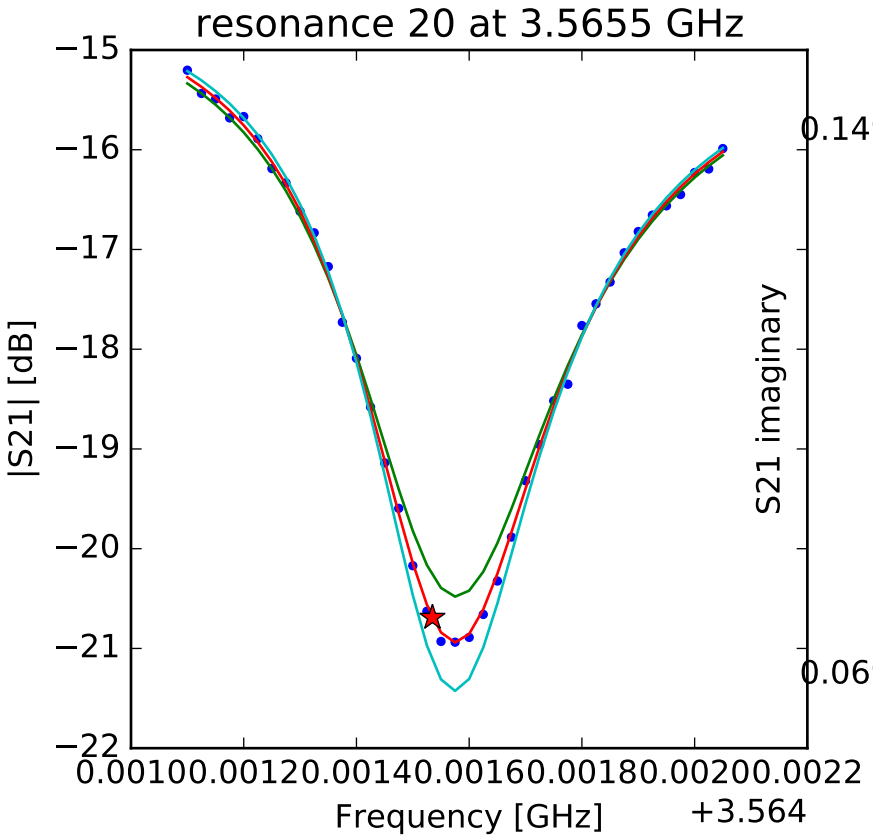


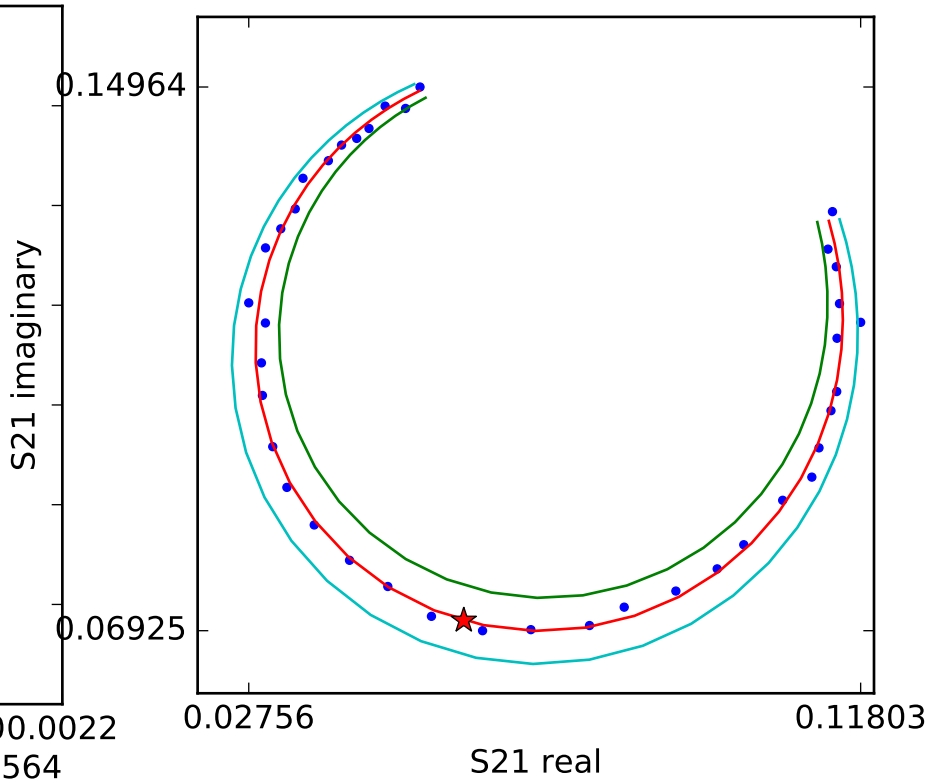


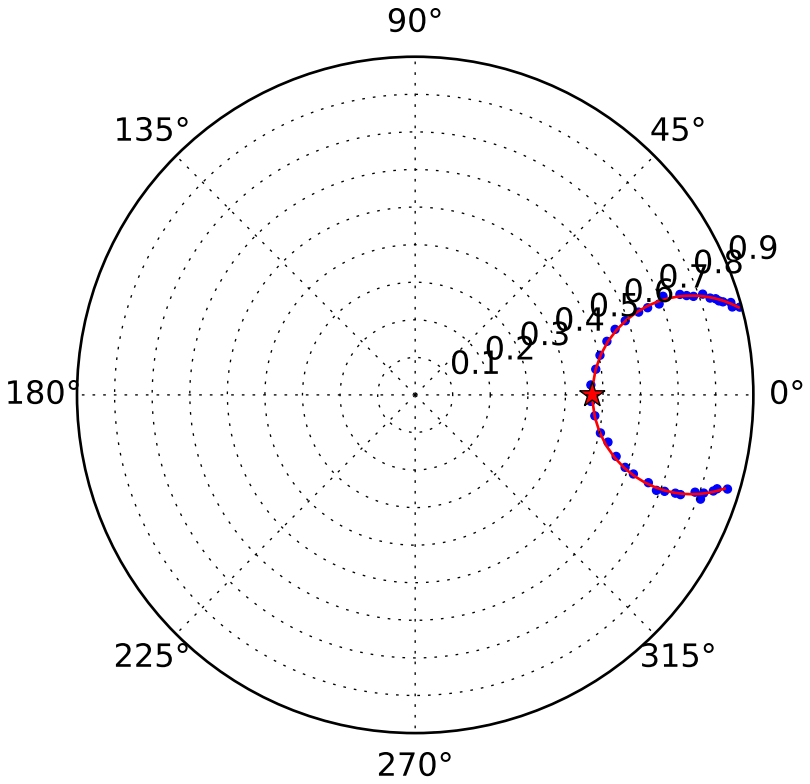


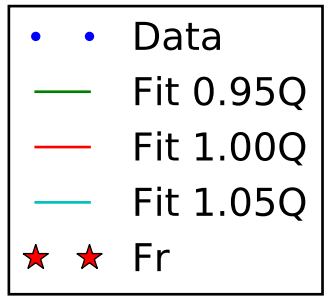
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.54256503479
Qr = 6870.74505737
Qc = 11814.4682032
a = (0.10642618081-0.0567199730323j)
phi = 1.73001391613
tau = 22.9084961536



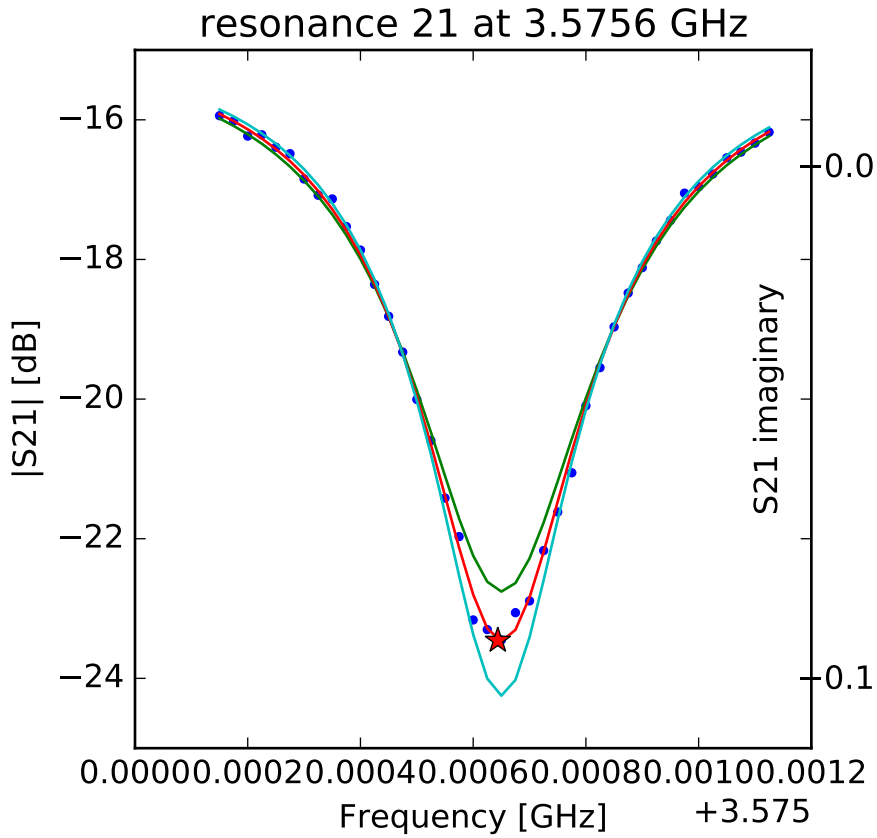


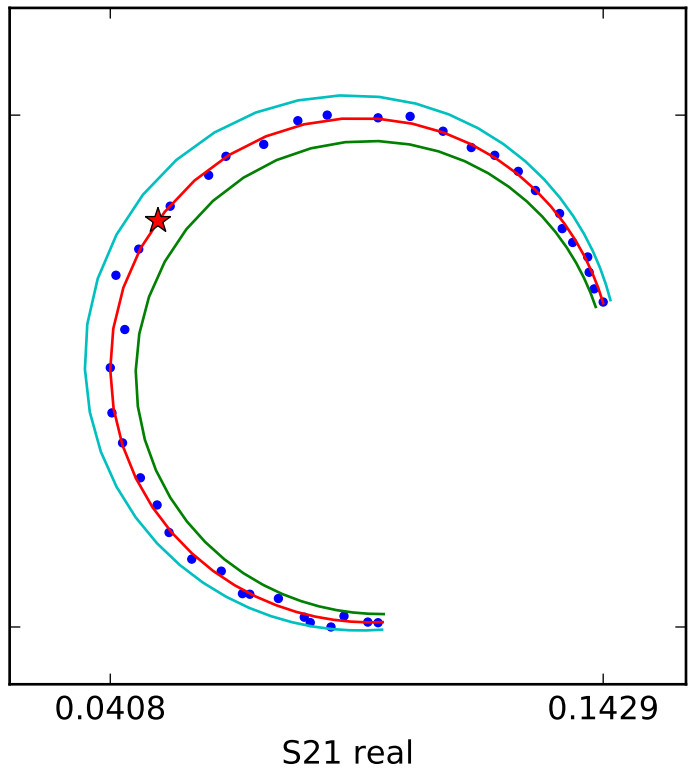


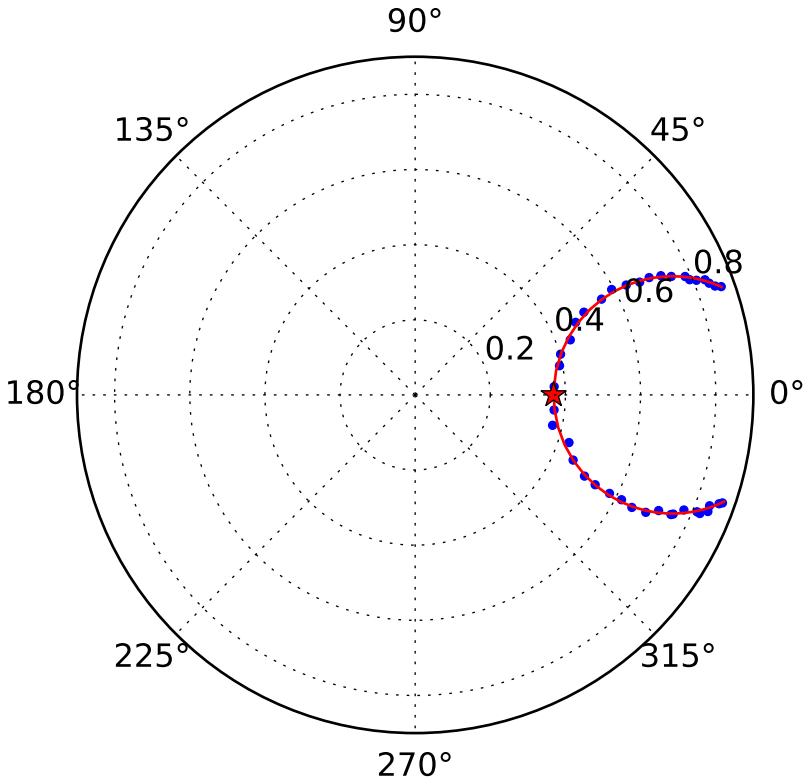


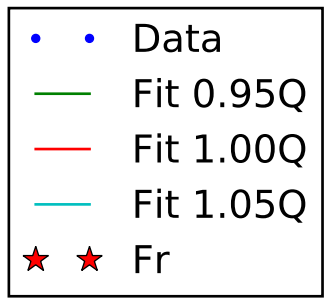
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.56553480946
Qr = 5787.21239236
Qc = 10948.4219192
a = (-0.0936400883368+0.162621251336j)
phi = 0.195030426836
tau = 28.932782089



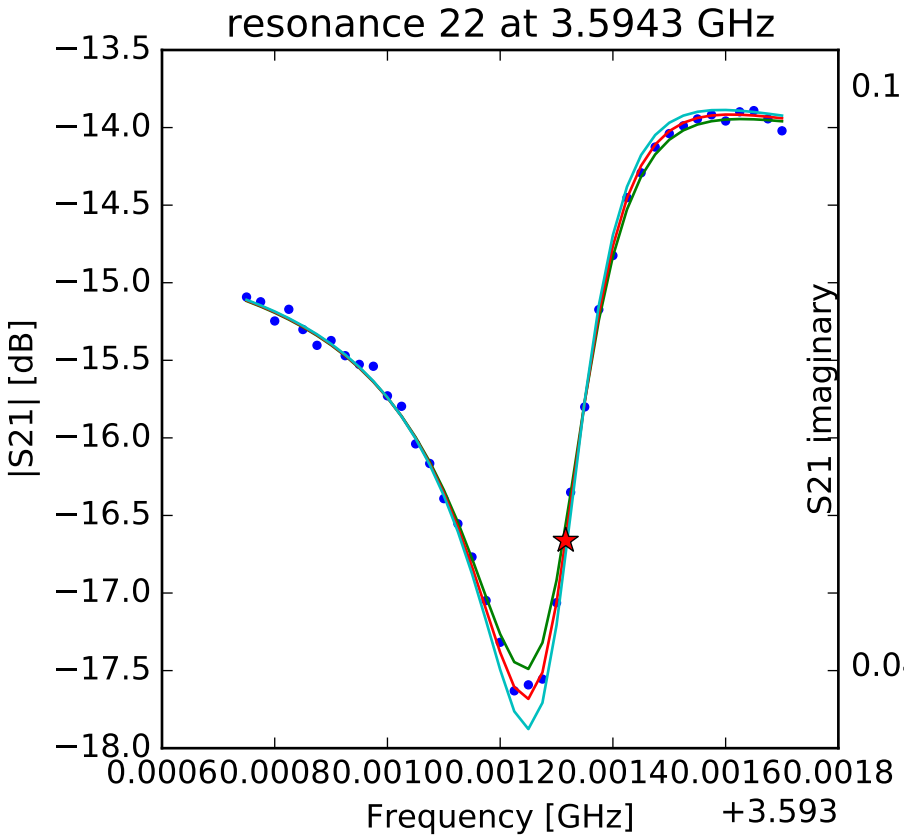


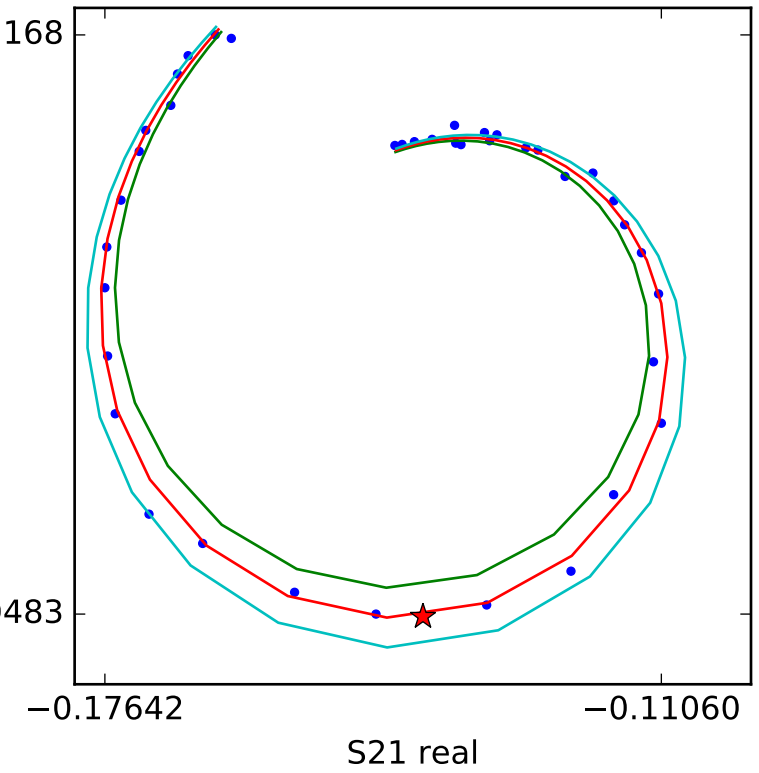


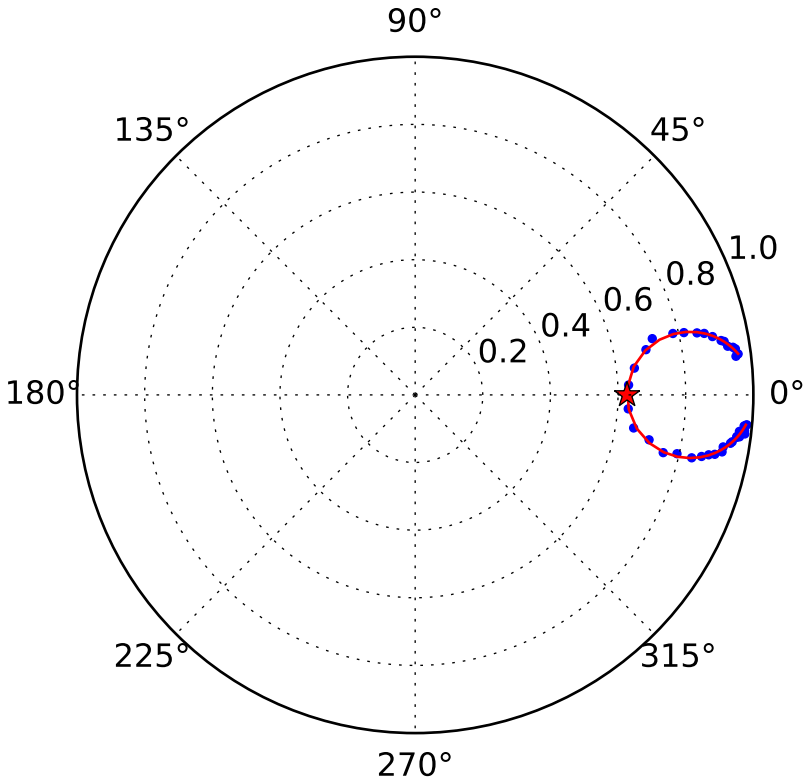


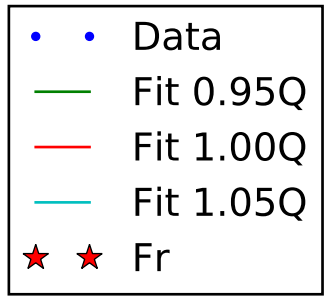
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.5756436733
Qr = 5778.92643323
Qc = 9149.85834948
a = (-0.0412603371708-0.177168708885j)
phi = 0.0309270742637
tau = 25.6790112714



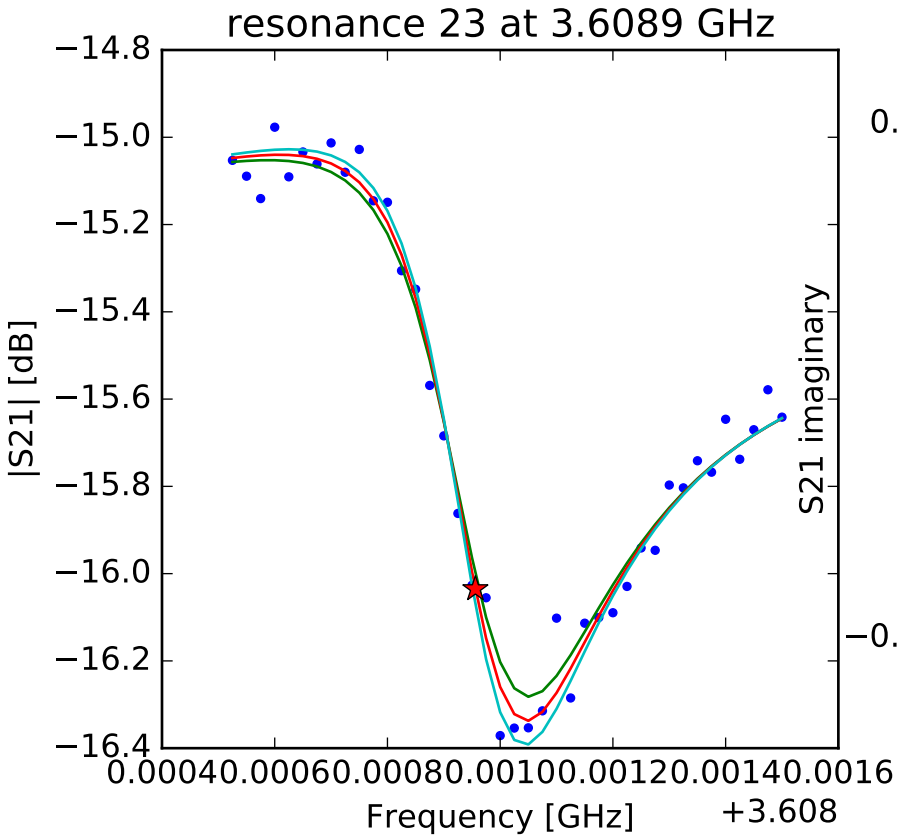


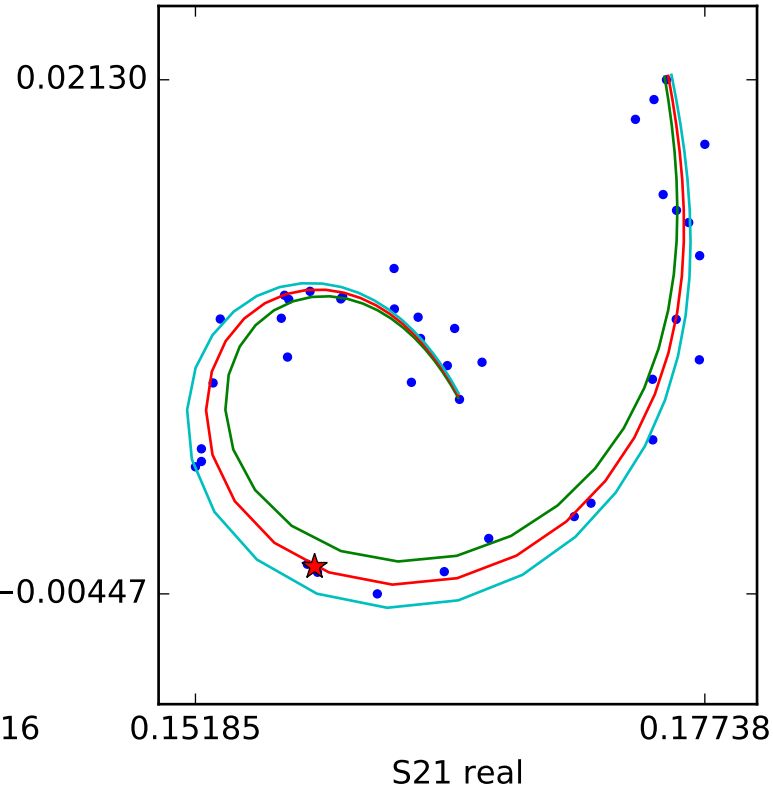


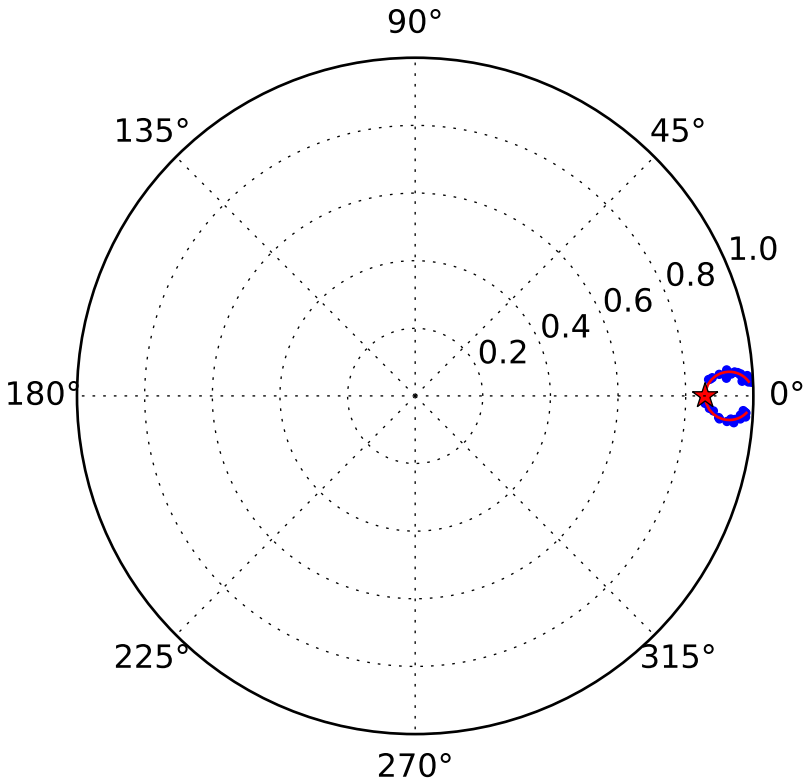


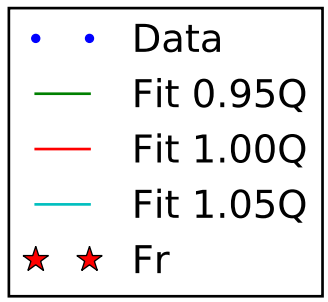
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.59431622634
Qr = 12606.9035032
Qc = 33756.2825003
a = (0.188356165901-0.0241785547616j)
phi = -0.760101632286
tau = 27.1502716169



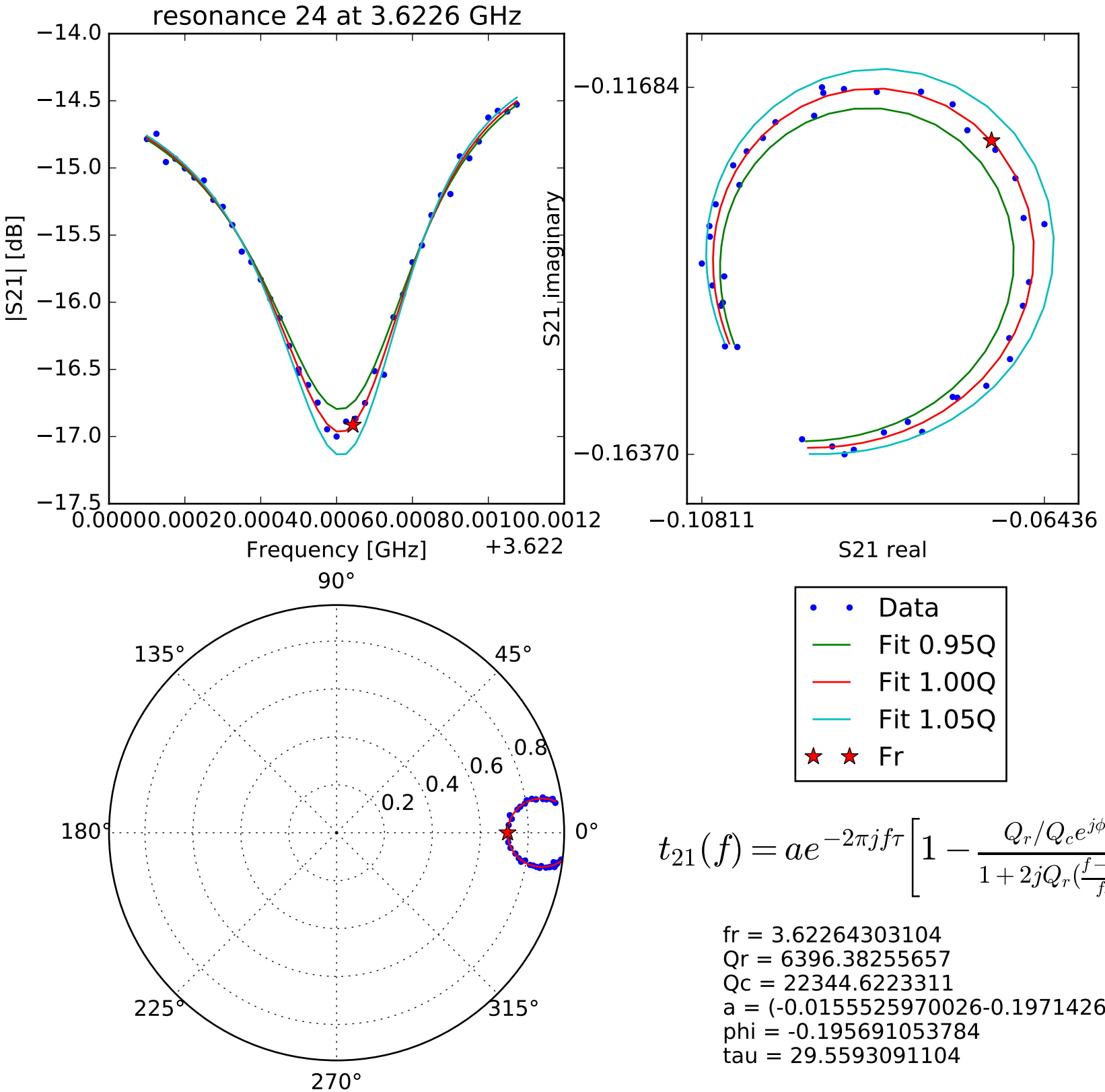






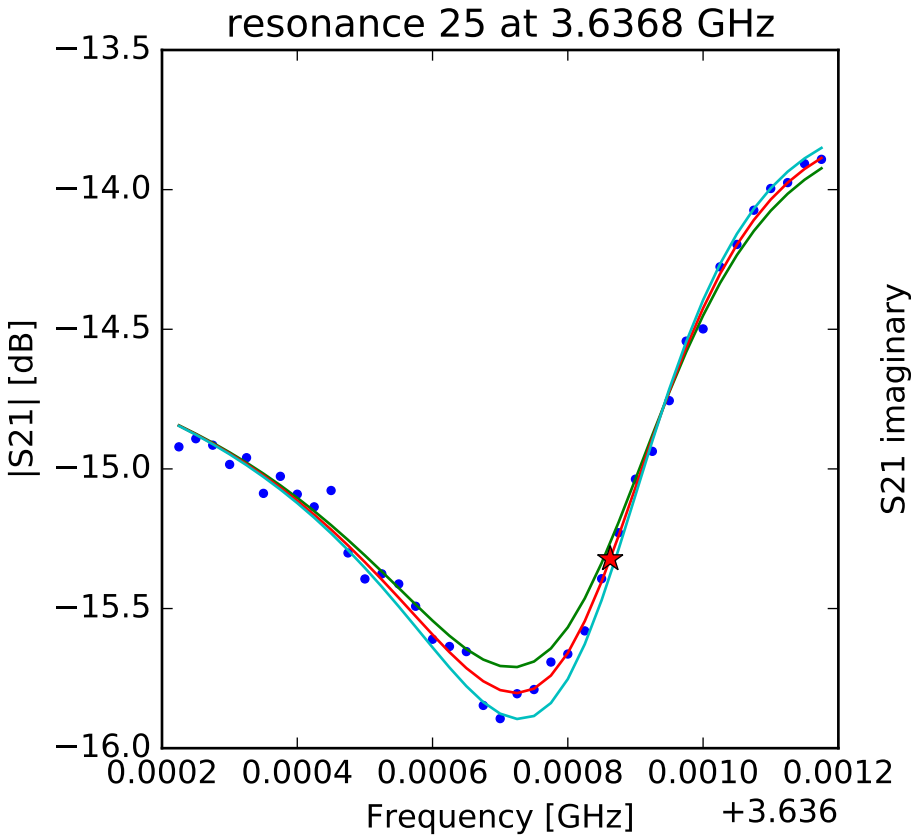
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

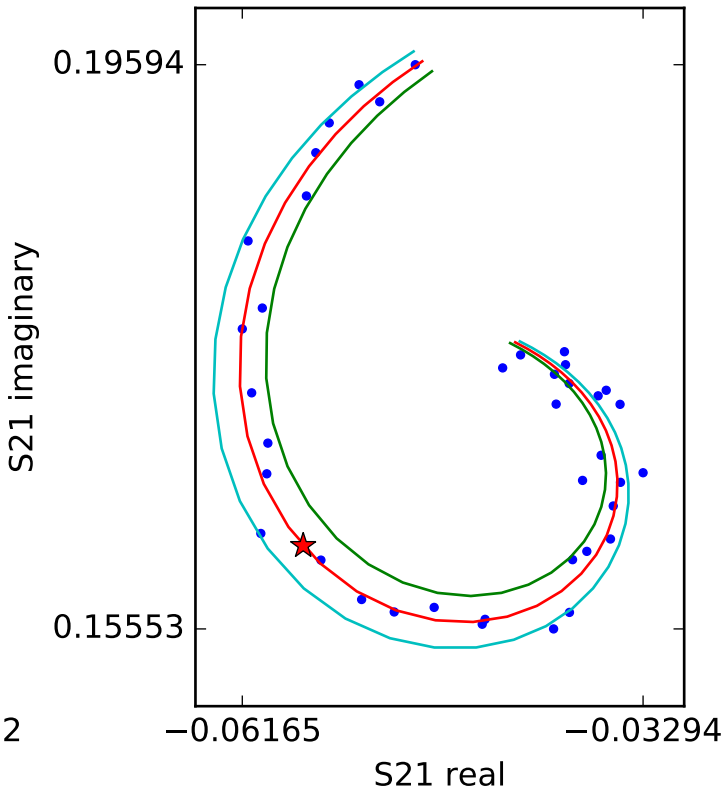
fr = 3.60895603203
Qr = 10160.9226091
Qc = 71236.0986101
a = (-0.161252041838+0.0604461349507j)
phi = 0.887346726944
tau = 24.7791327926

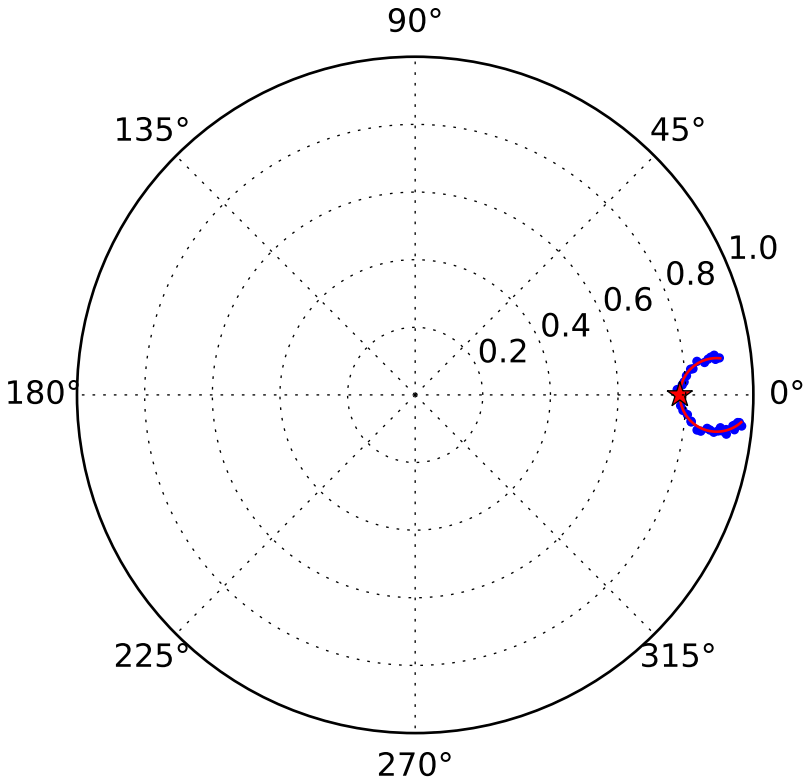


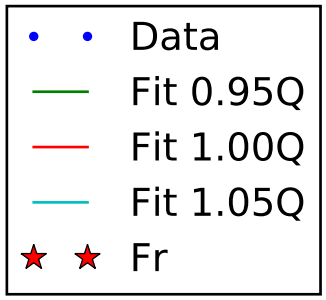
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.62264303104
Qr = 6396.38255657
Qc = 22344.6223311
a = (-0.0155525970026-0.197142675227j)
phi = -0.195691053784
tau = 29.5593091104



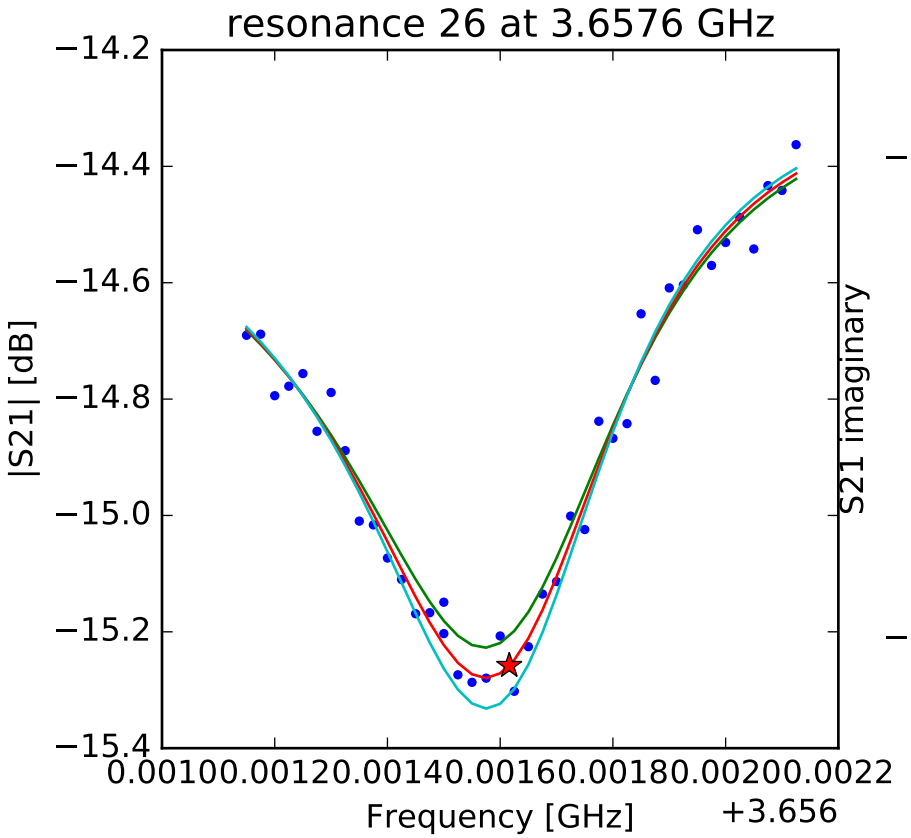


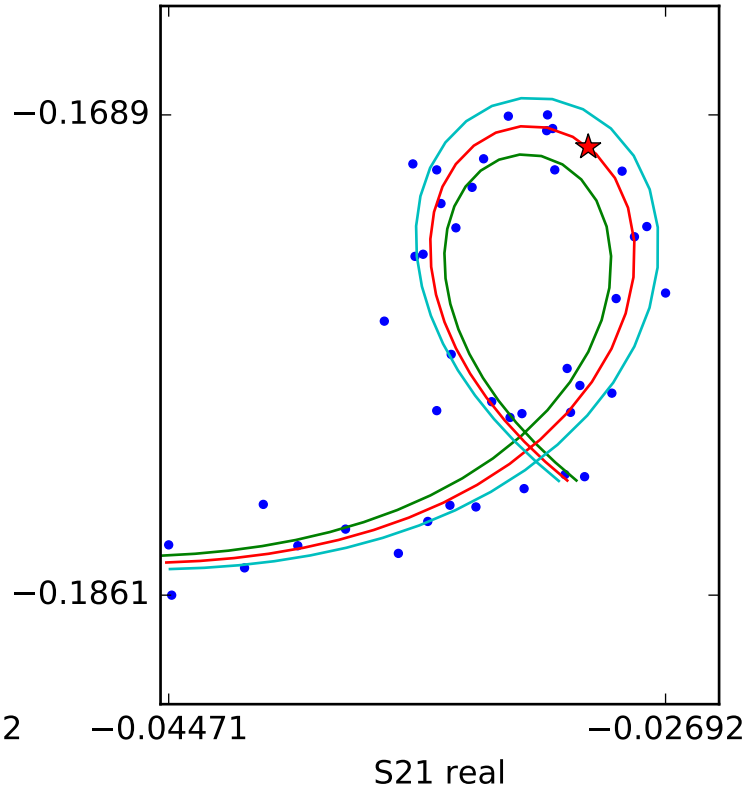


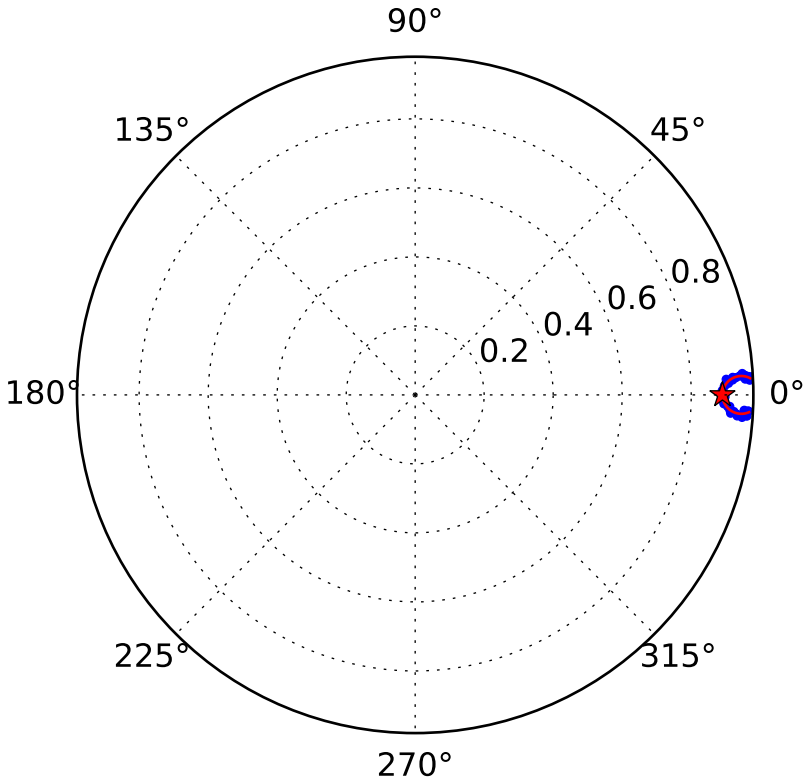


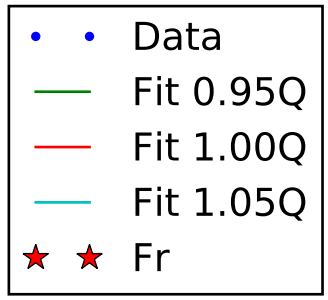
$$t_{21}(f) = ae^{-2\pi jf\tau}\left[1 - \frac{Q_r/Q_c e^{j\phi_0}}{1 + 2jQ_r(\frac{f-f_r}{f_r})}\right]$$

fr = 3.63686273761
Qr = 6428.13299144
Qc = 29546.5778281
a = (-0.17979159044+0.0815998360068j)
phi = -0.828337467508
tau = 27.5395344926









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

fr = 3.65761615317
Qr = 6013.44596441
Qc = 54889.5466699
a = (-0.137076845446+0.135800946325j)
phi = -0.261519785906
tau = 27.5201898395