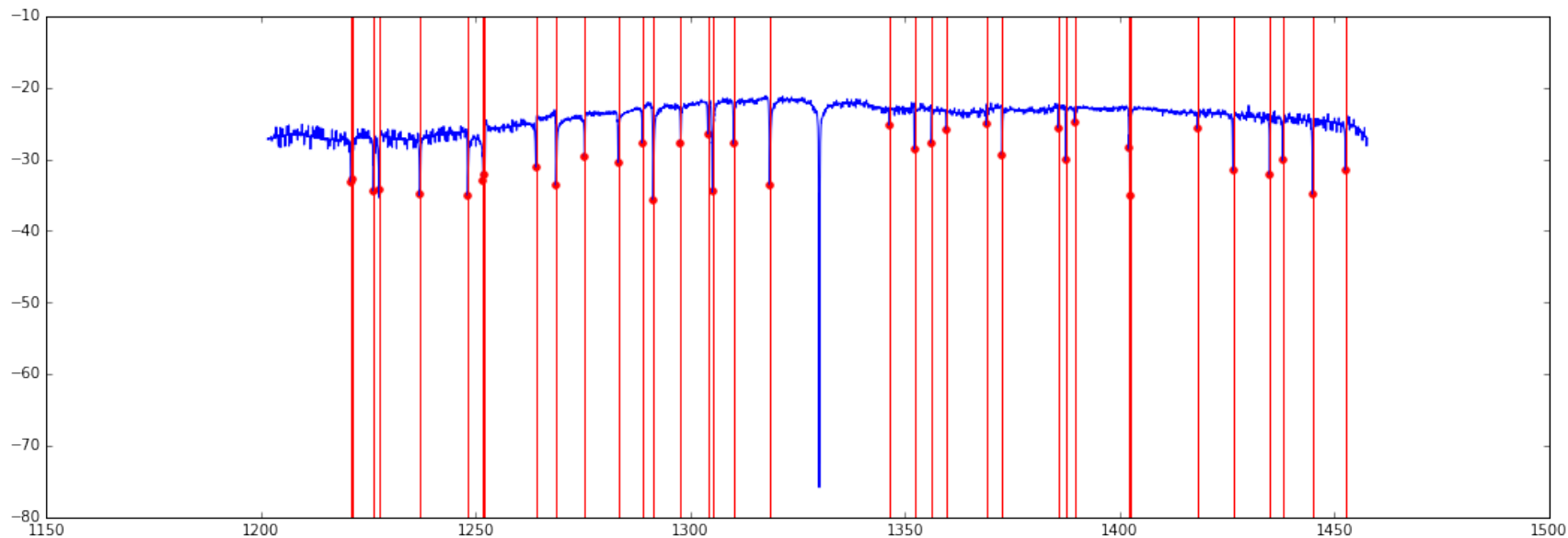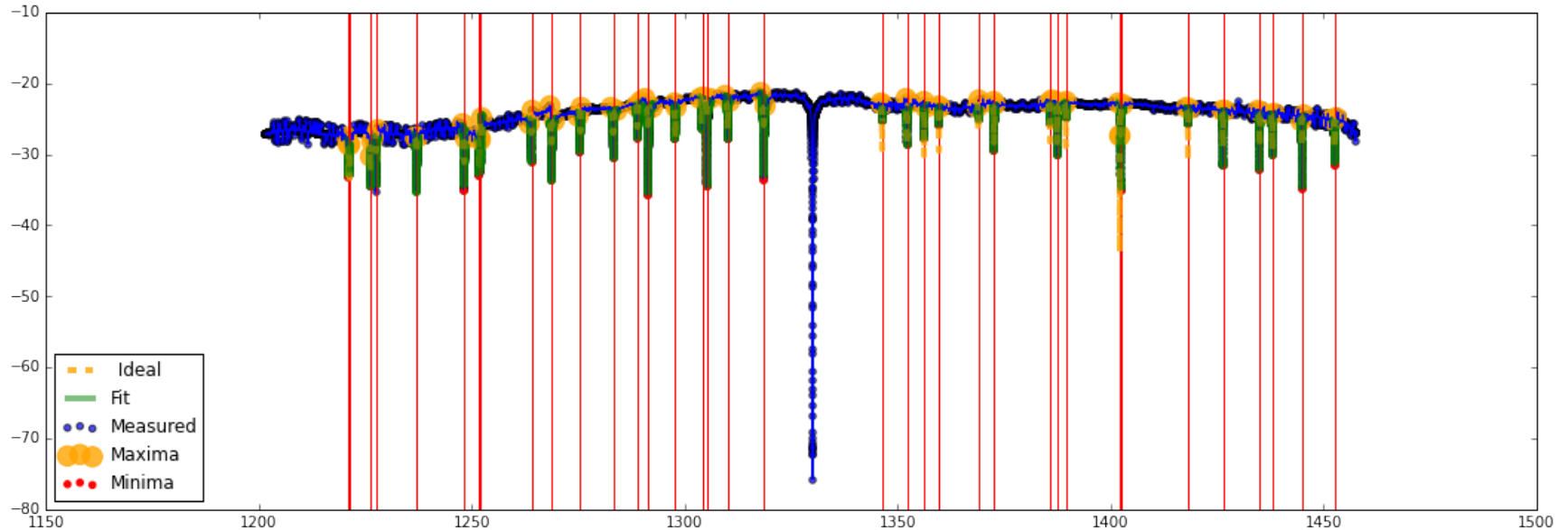# Experimental Cosmology

Plot Points for Aug6_Data

All Resonators

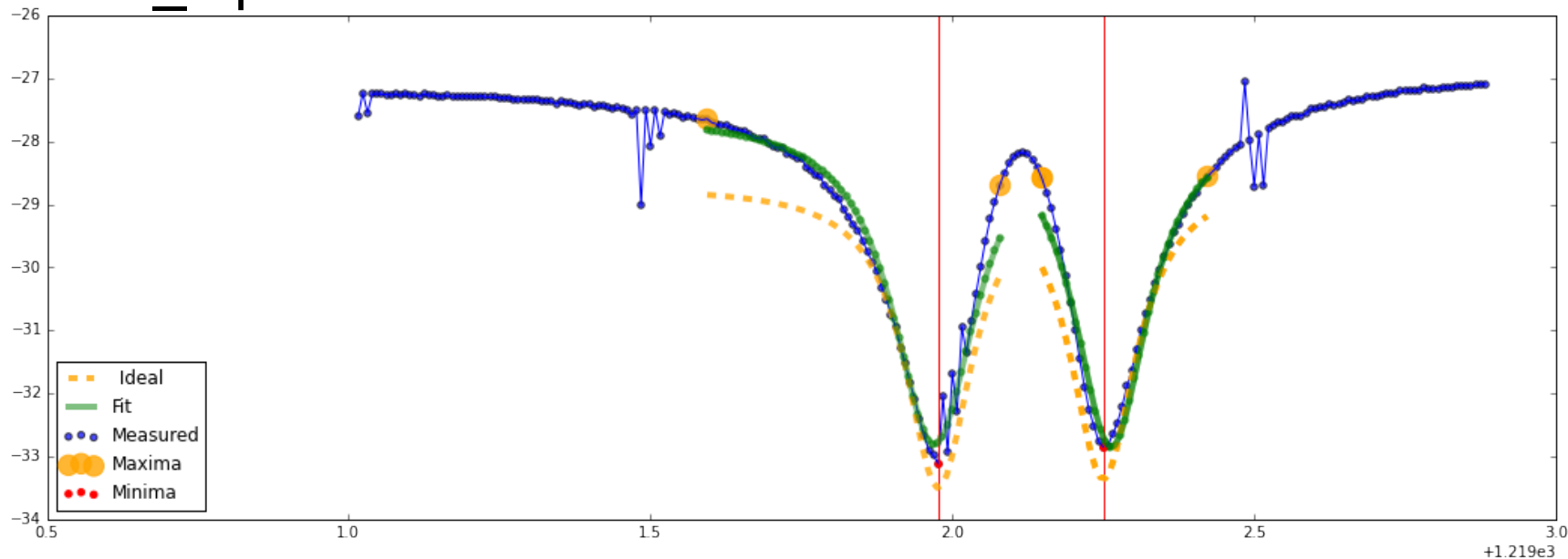flat = 1.2   move = 5   noise = 5   tol = 1

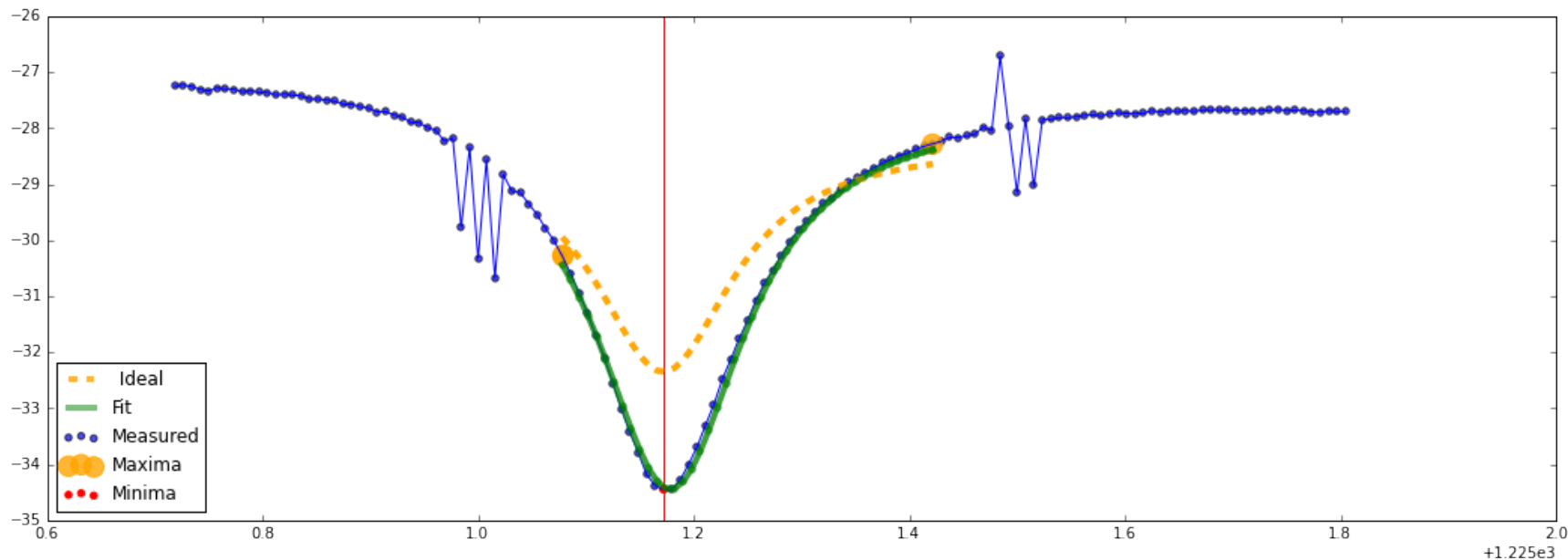# All Resonators with Lorentzia

Point 1, Point 2

1 Chi_squared is 3.20781440324
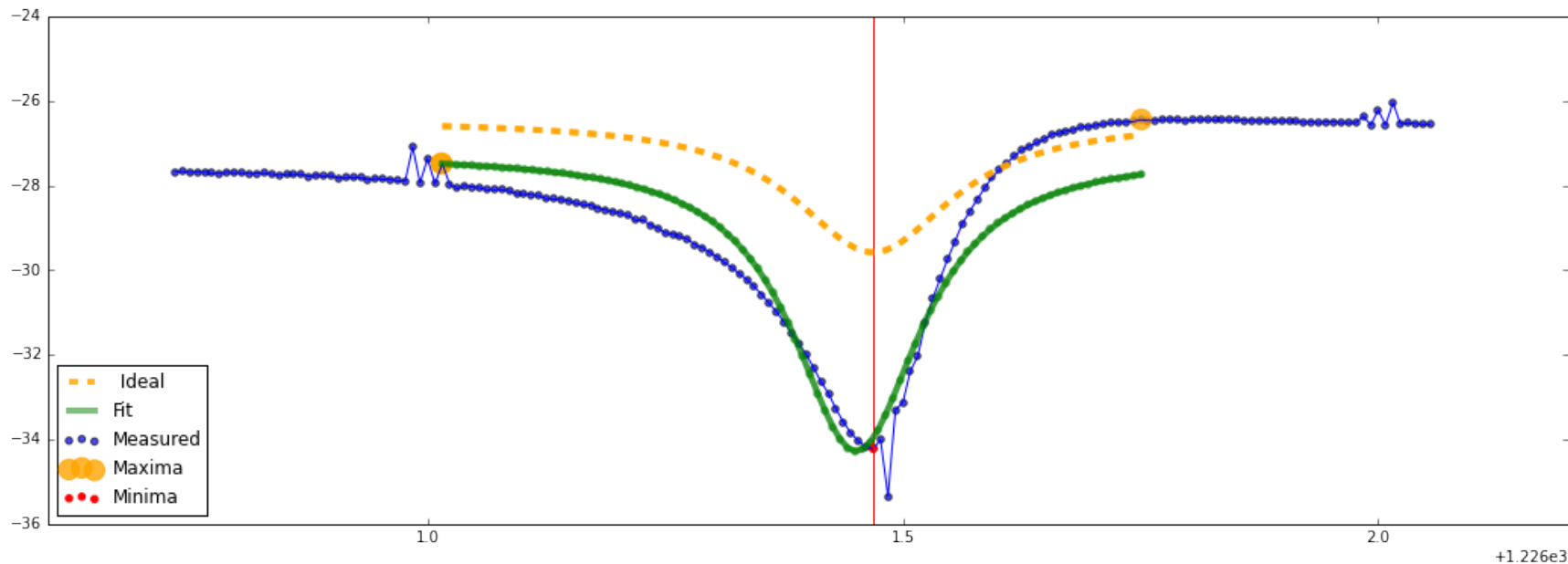2 Chi_squared is 1.97168993574

Point 3

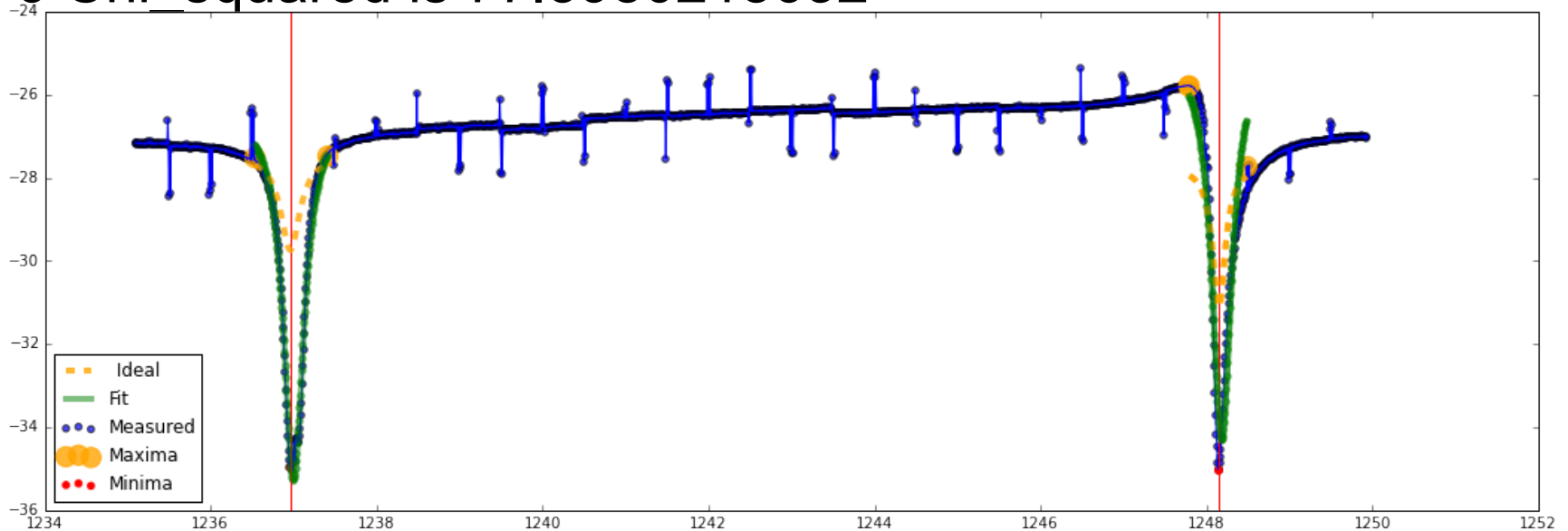3 Chi_squared is 0.14749572427

Point 4

4 Chi_squared is 65.3081690897

Point 5, Point 6
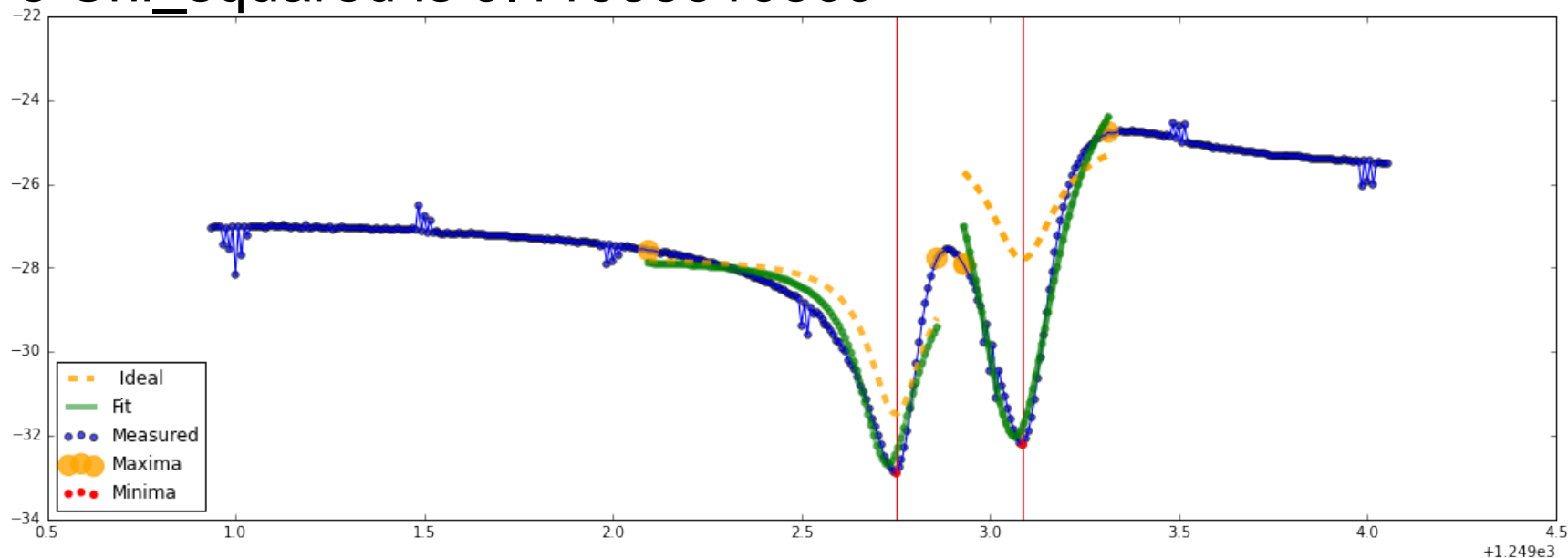
5 Chi_squared is 11.1658294688

6 Chi_squared is 77.3980218632

Point 7, Point 8
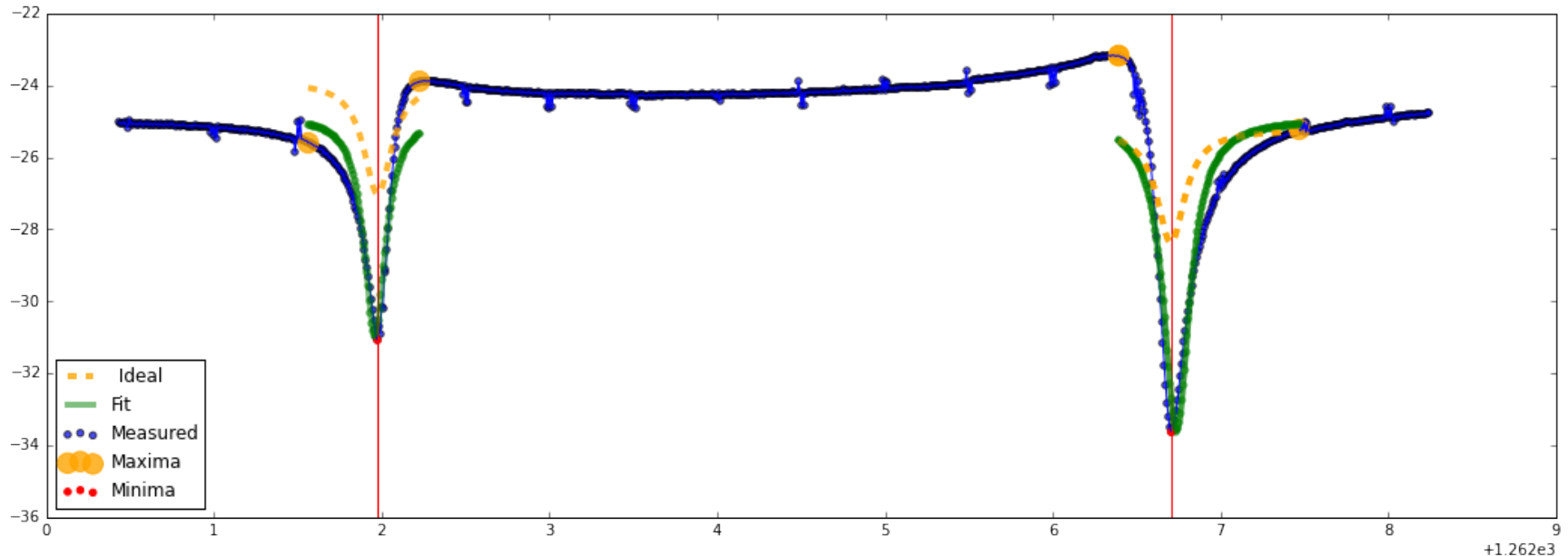
7 Chi_squared is 16.5930376968

8 Chi_squared is 9.11888516869

Point 9, Point 10
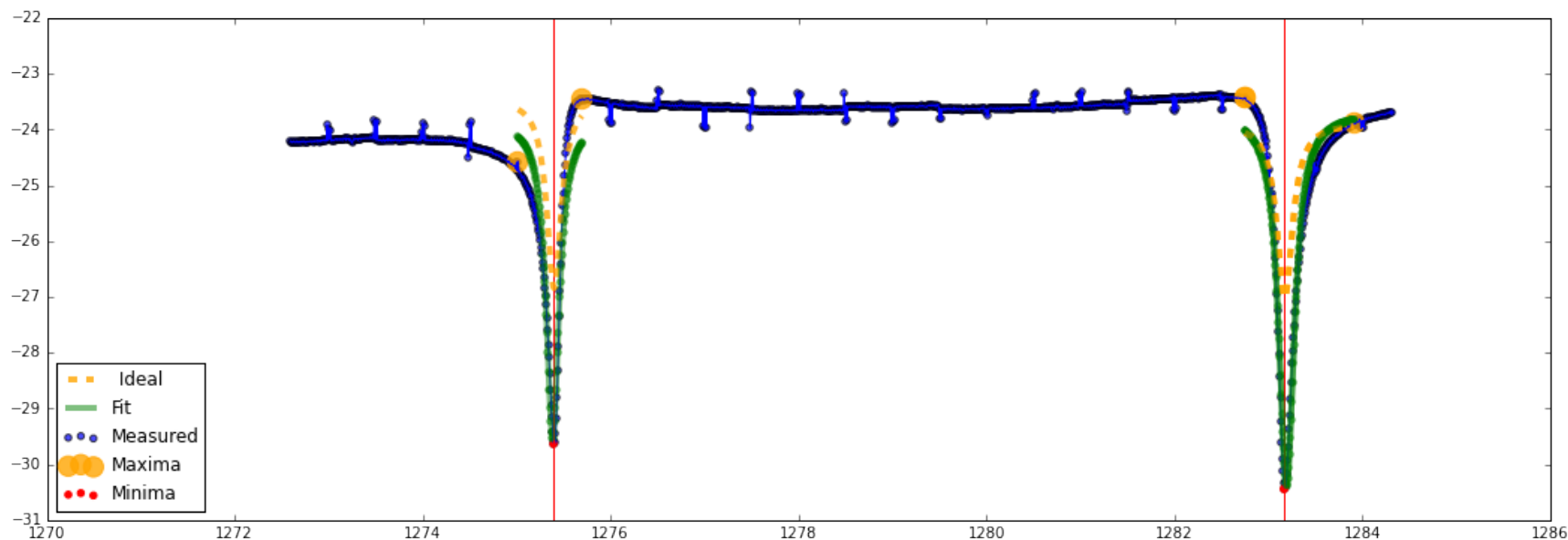
9 Chi_squared is 60.4072291613

10 Chi_squared is 173.512355778

Point 11, Point 12
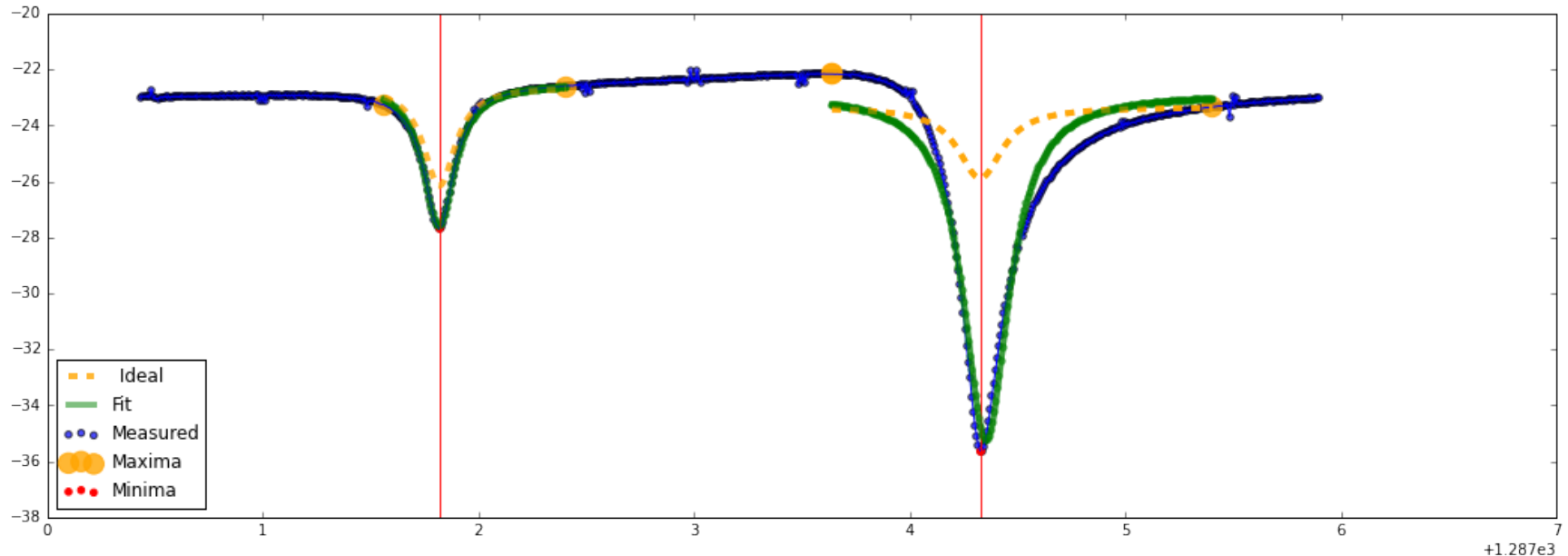
11 Chi_squared is 37.326653699

12 Chi_squared is 21.5959235042
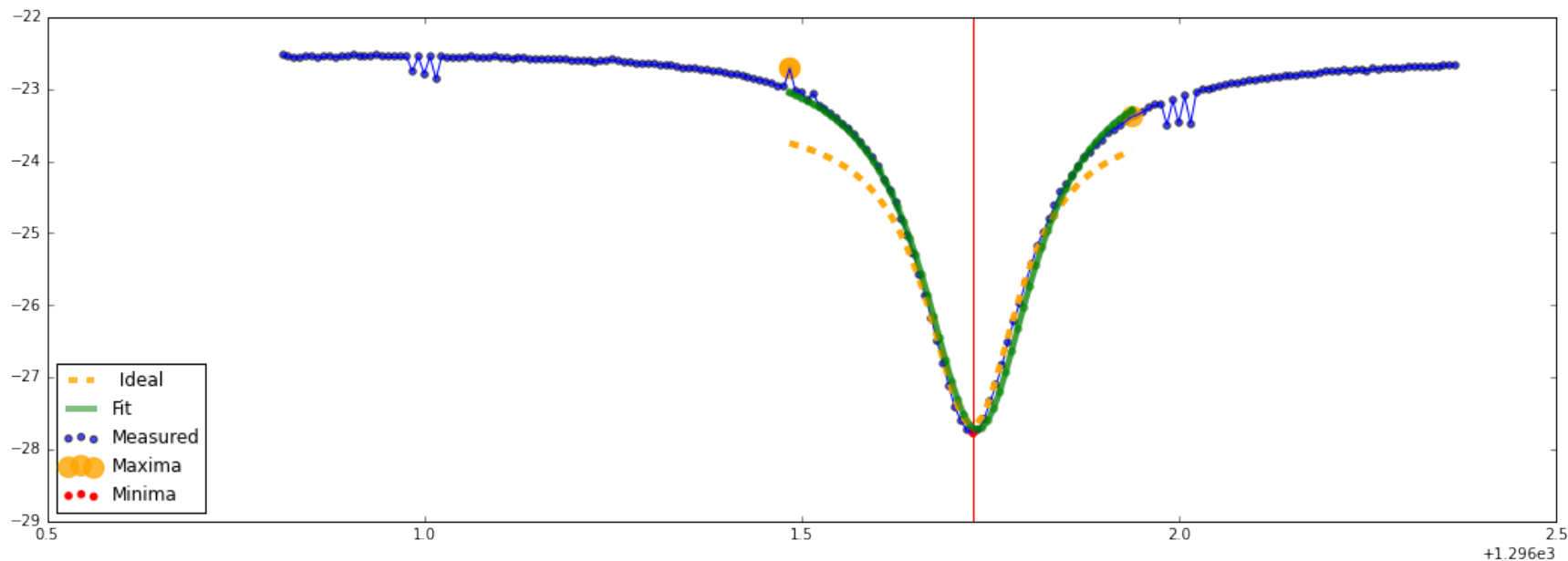
Point 13, Point 14

13 Chi_squared is 0.586312173621

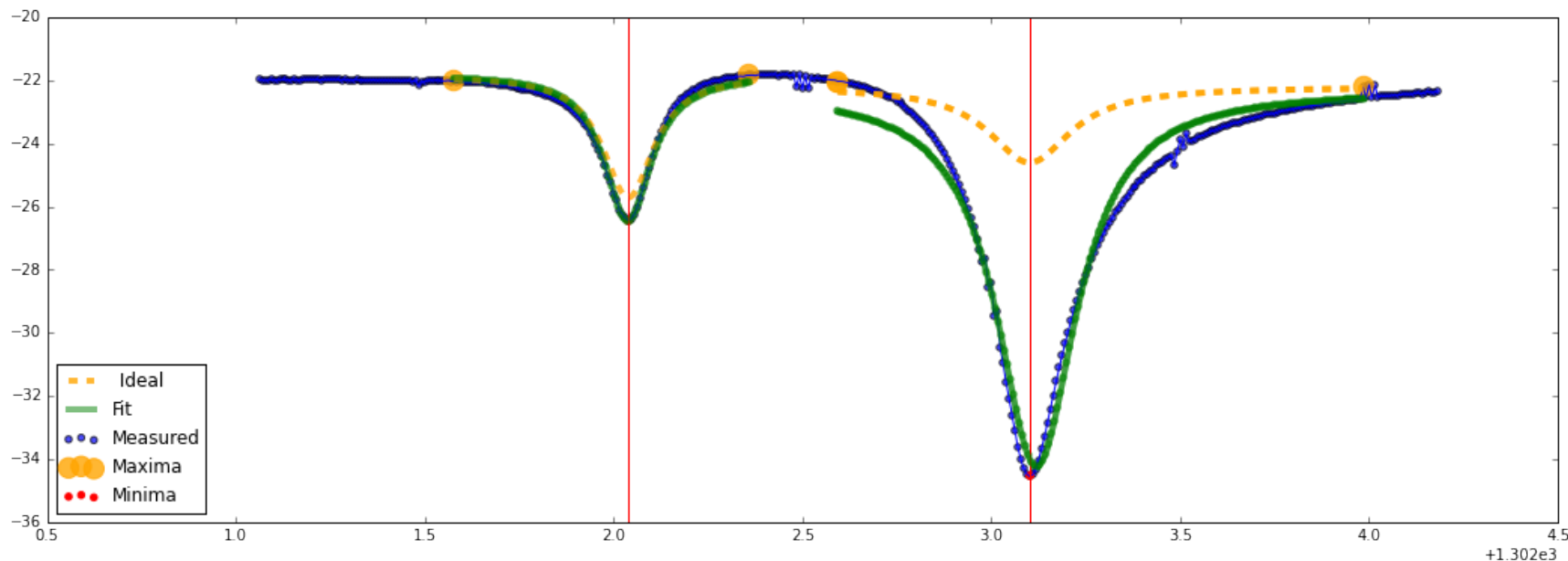14 Chi_squared is 178.122720952

Point 15

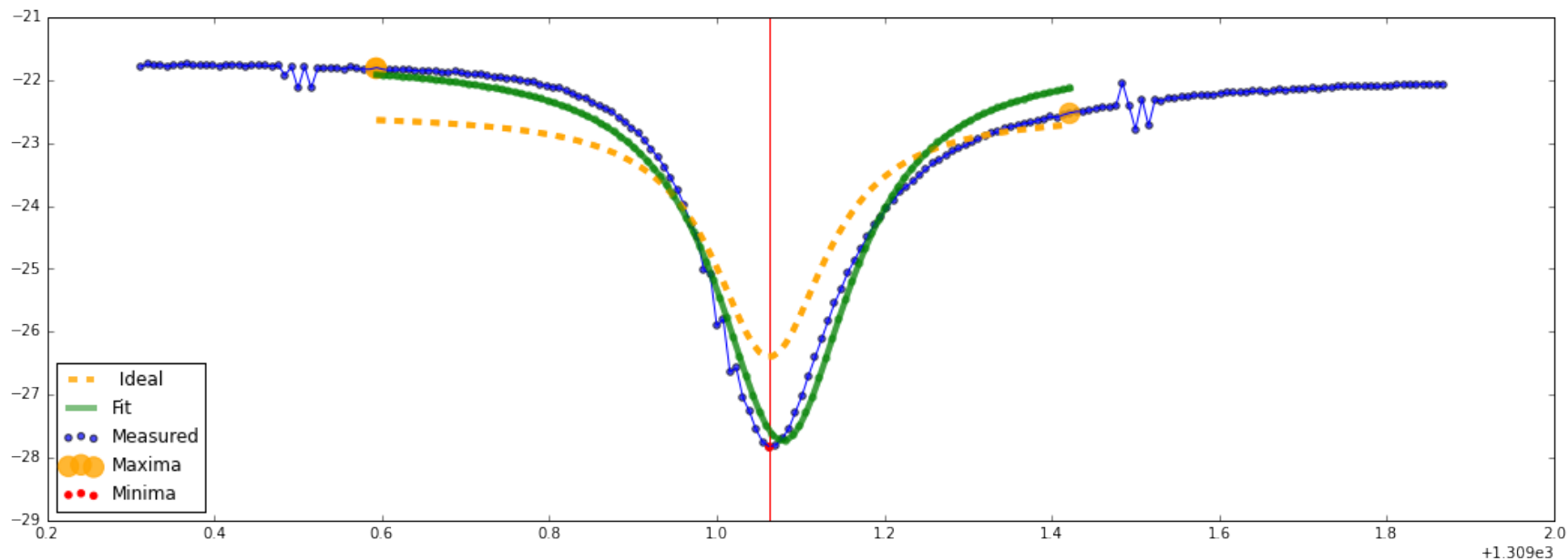15 Chi_squared is 0.475124614128

Point 16, Point 17

16 Chi_squared is 2.07146184792
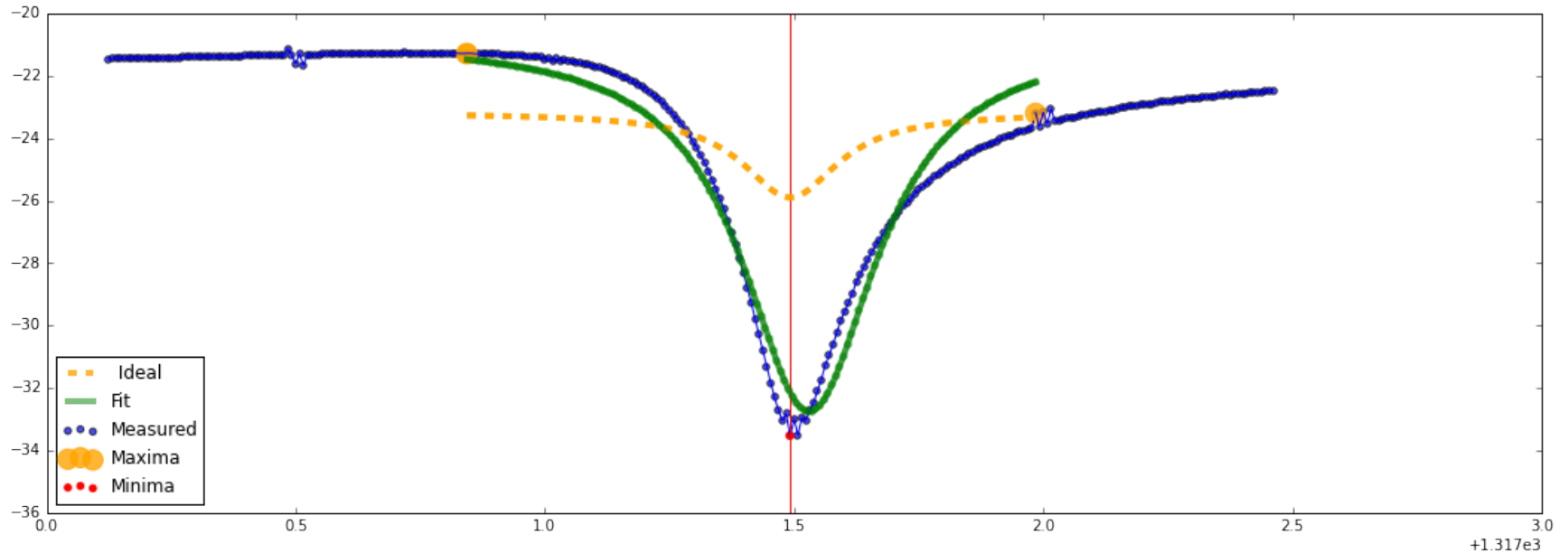
17 Chi_squared is 62.4713465476

Point 18

18 Chi_squared is 8.09197532611

Point 19
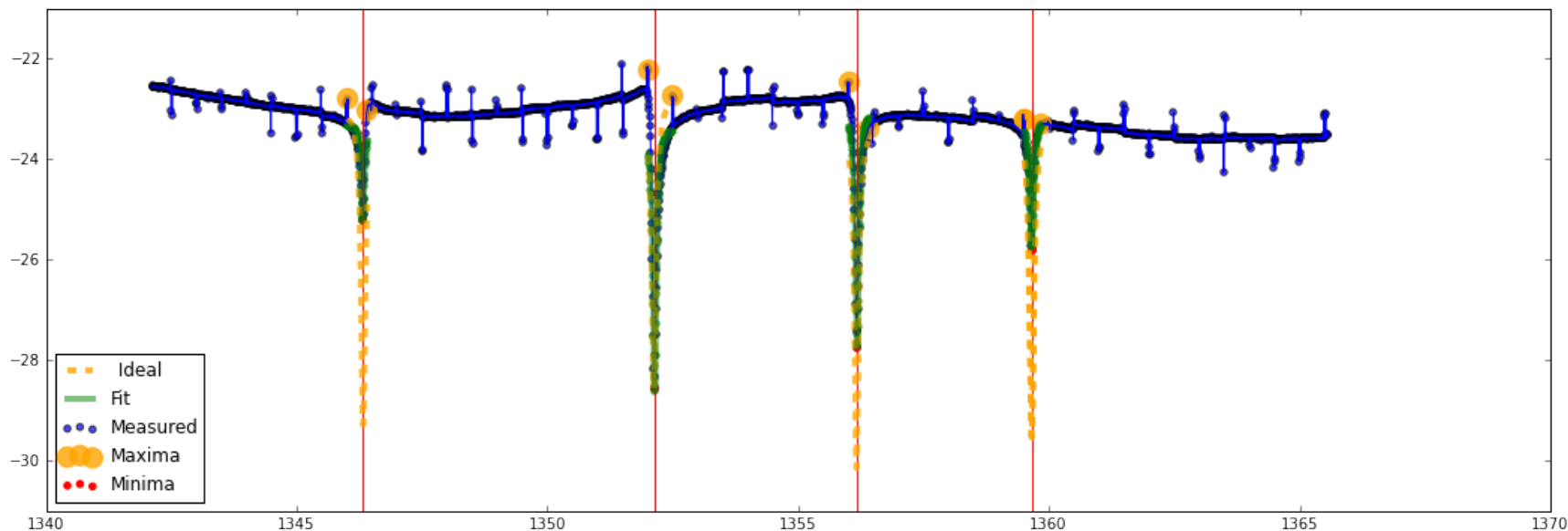
19 Chi_squared is 96.6829821473

Point 20, Point 21, Point 22, Point 23

20 Chi_squared is 1.98255774937

21 Chi_squared is 13.3925015828
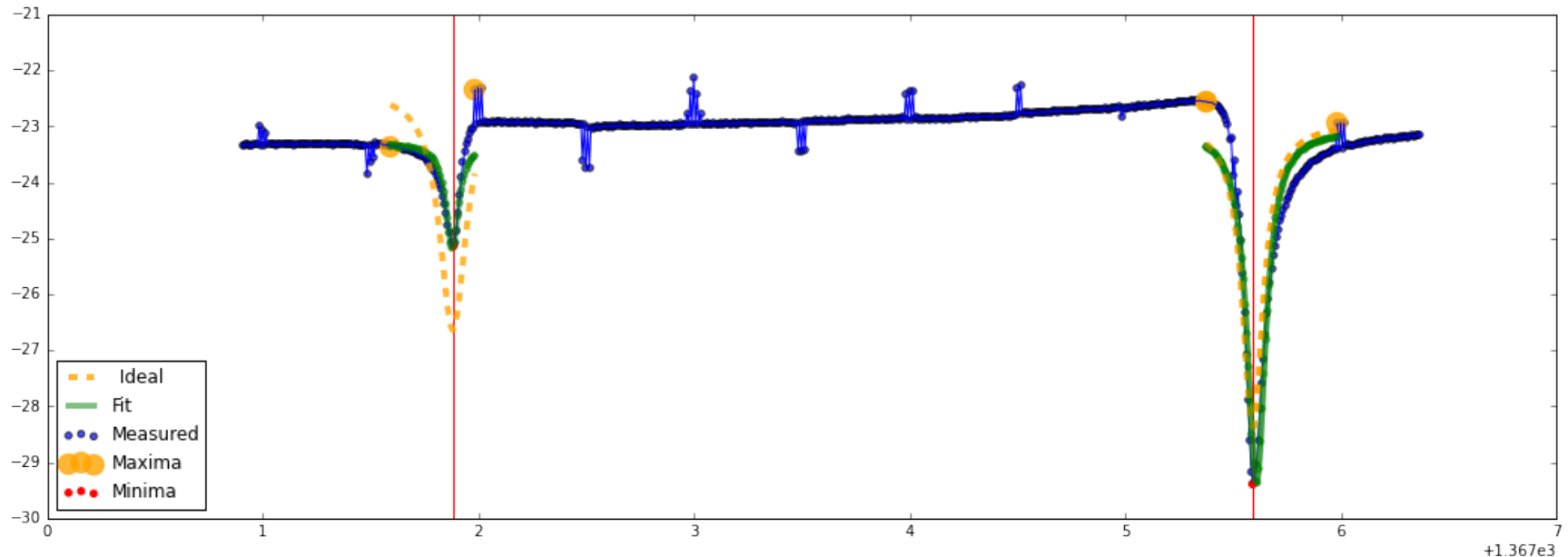
22 Chi_squared is 6.17114624302

23 Chi_squared is 0.821559112864

Point 24, Point 25
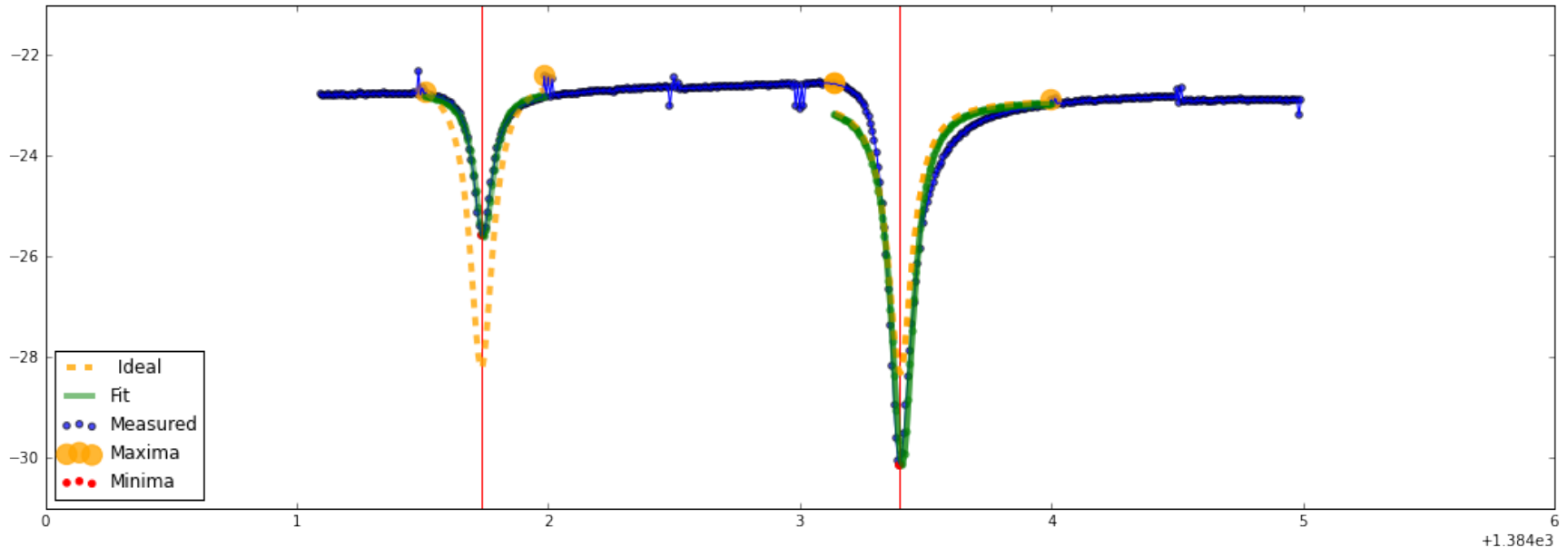
24 Chi_squared is 1.69045310215

25 Chi_squared is 23.8088802121
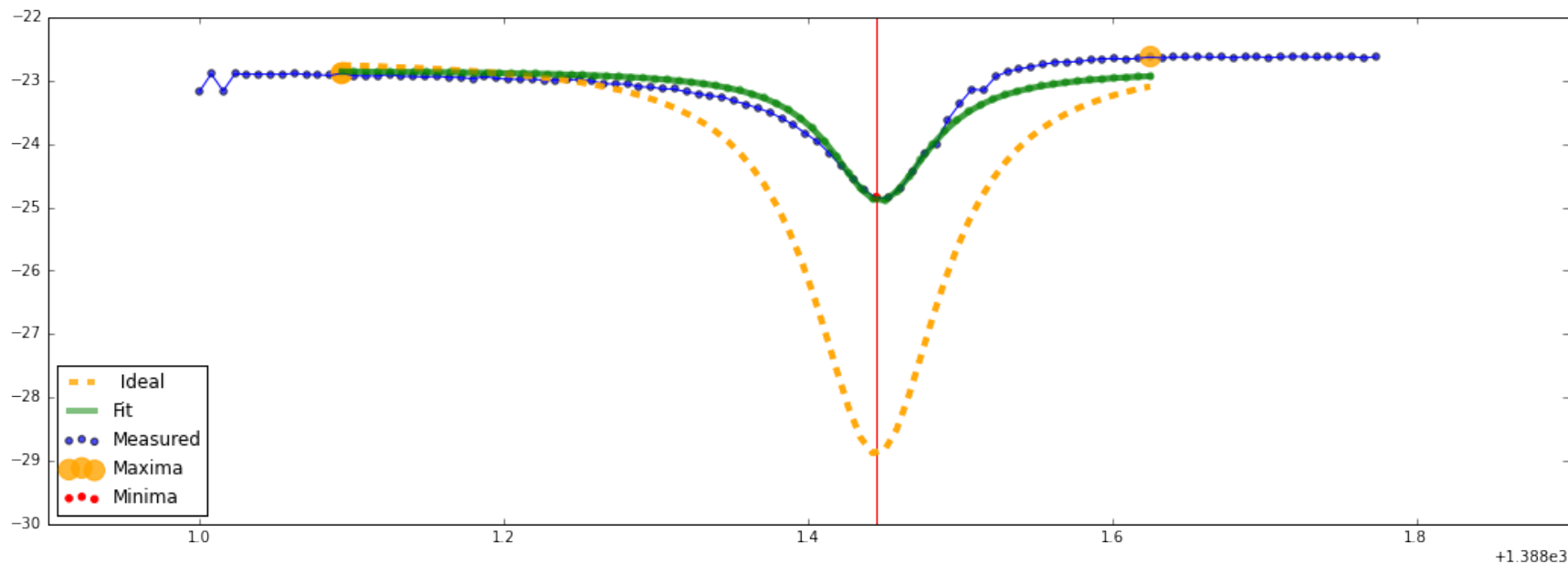
Point 26, Point 27

26 Chi_squared is 0.221762536531

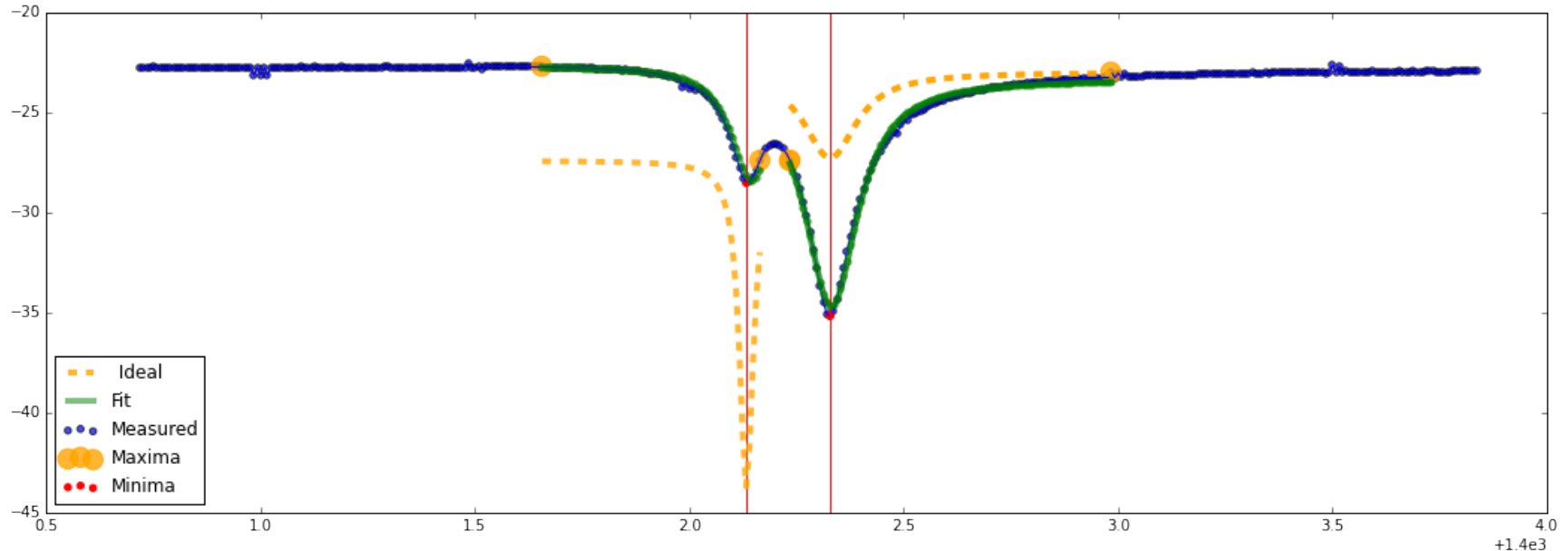27 Chi_squared is 17.799291693

Point 28

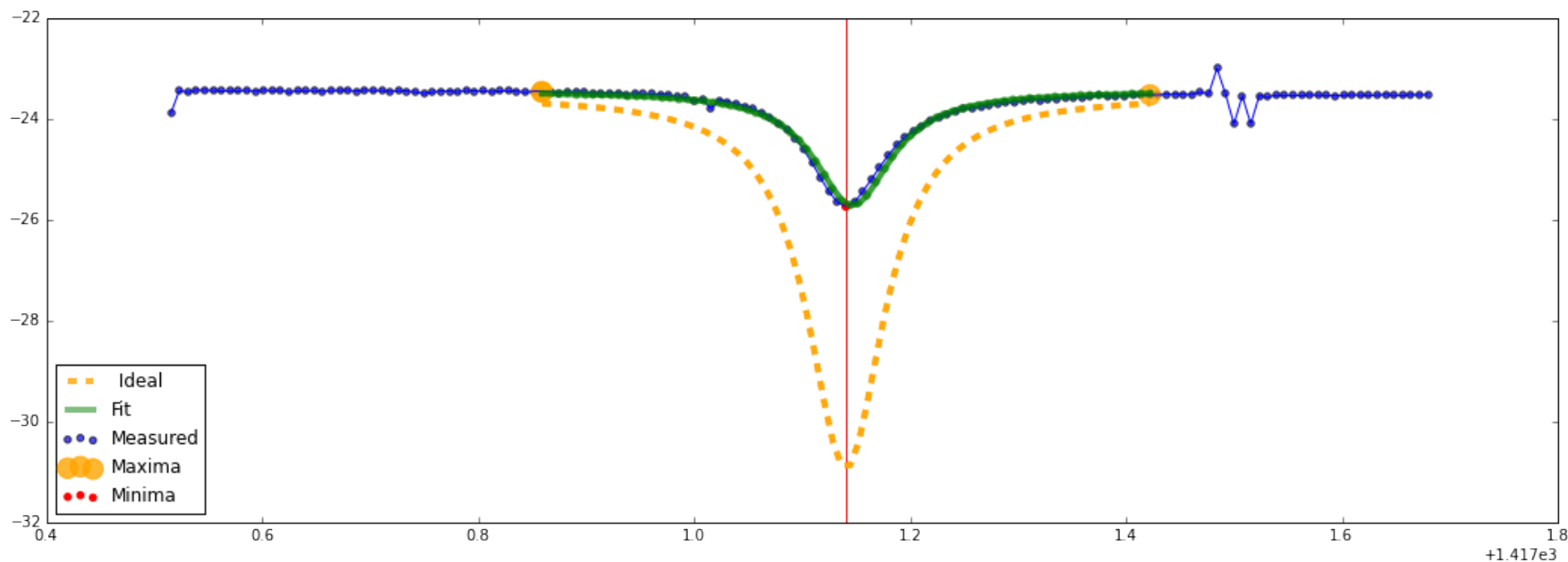28 Chi_squared is 1.92953767497

Point 29, Point 30

29 Chi_squared is 0.364718901825

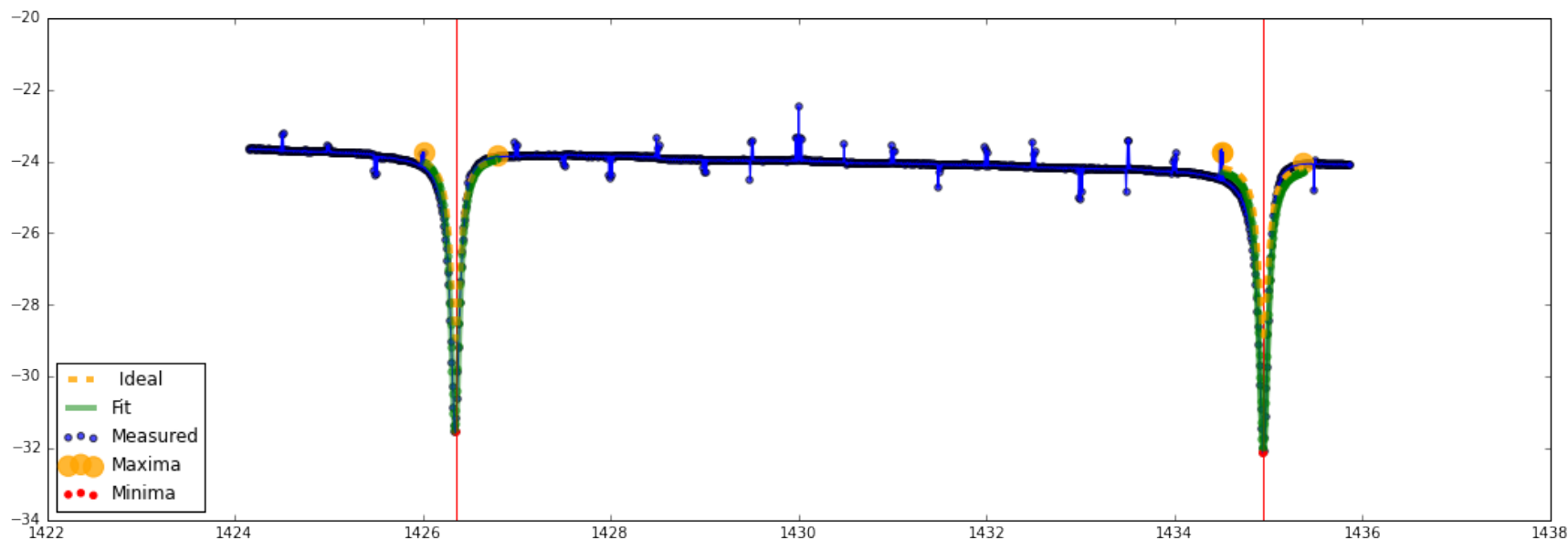30 Chi_squared is 5.3092631849

Point 31

31 Chi_squared is 0.180412784934

Point 32, Point 33

32 Chi_squared is 2.44229591983
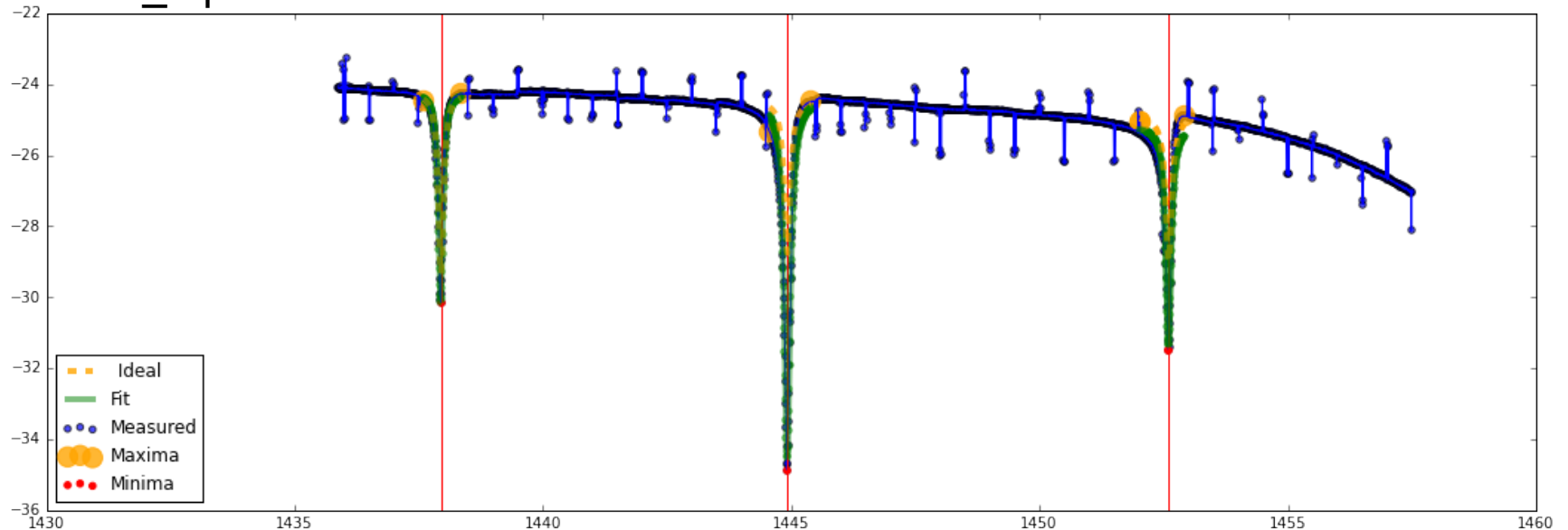
33 Chi_squared is 11.9452269703

Point 34, Point 35, Point 36

34 Chi_squared is 1.66069380506

35 Chi_squared is 16.8936605692

36 Chi_squared is 26.1684723843

Conclusion

The number of fits with Chi_square more than 100 is 2

The number of fits with Chi_square less than 1 is 7