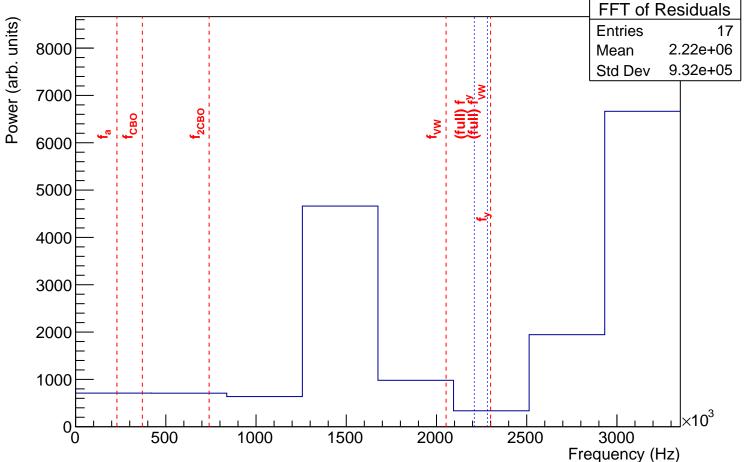
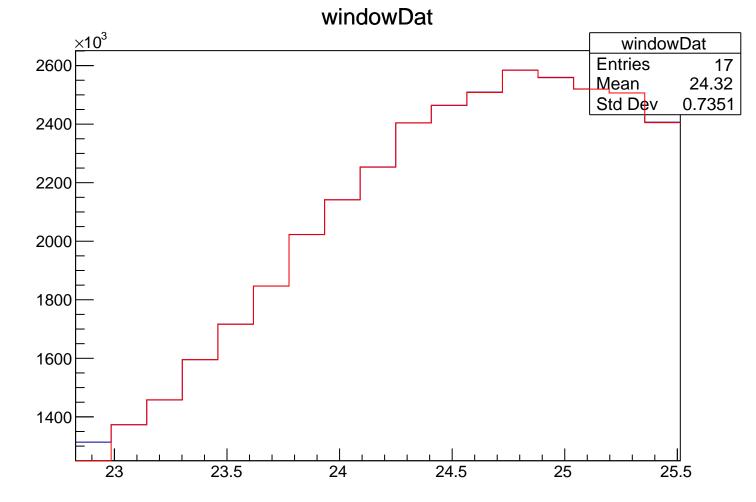
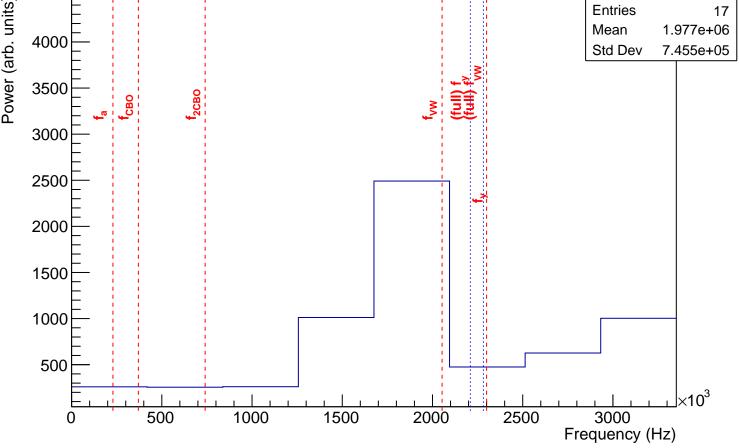
FFT of Residuals FFT of Residuals **Entries** 10000 2.105e+06 Mean Std Dev 7.436e+05 8000 6000 4000 2000 3000 500 1000 1500 2000 2500 Frequency (Hz)

windowDat  $\times 10^3$ windowDat **Entries** 17 2800 21.28 Mean 0.7363 Std Dev 2600 2400 2200 2000 1800 1600 1400 1200 L 20.5 21 21.5 22 22.5

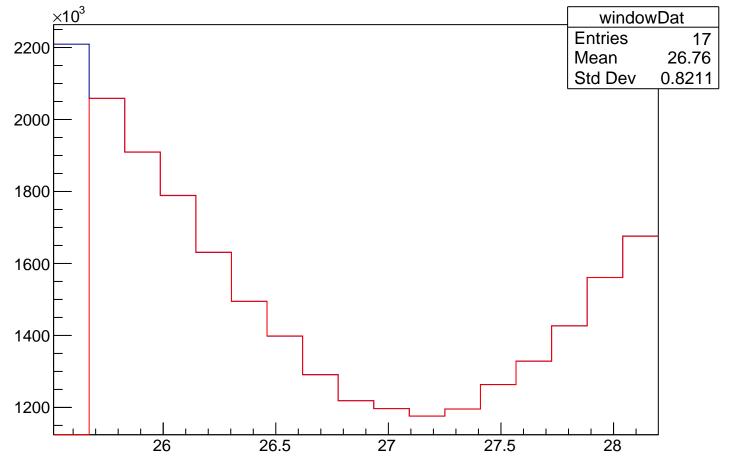




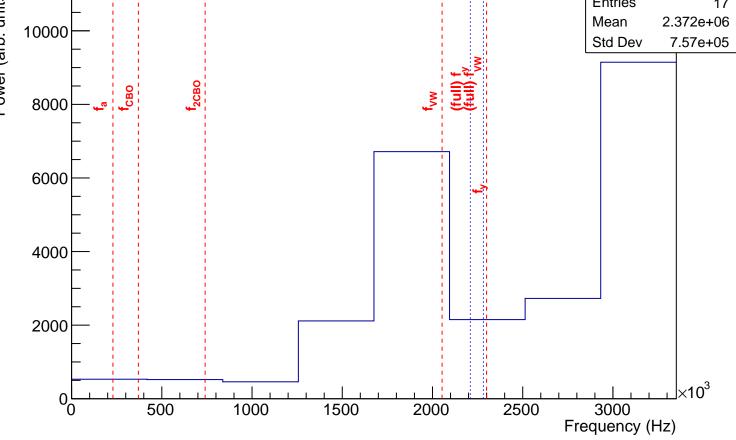
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.977e+06 Mean 4000 7.455e+05 Std Dev 3500 3000 2500 2000 1500

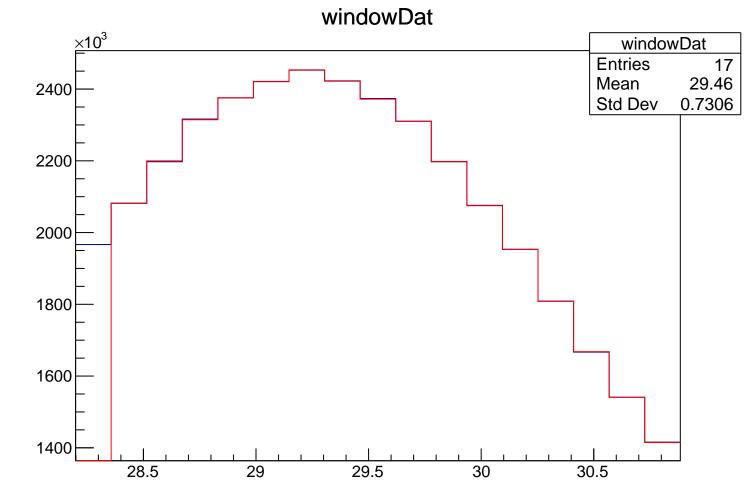


windowDat



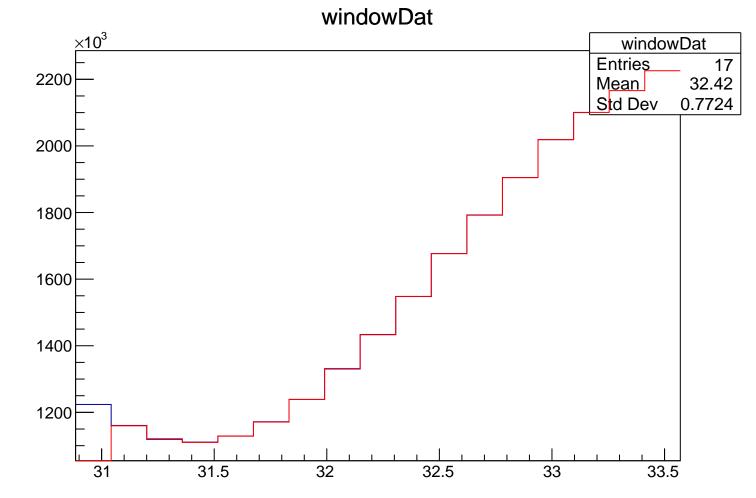
FFT of Residuals FFT of Residuals **Entries** 2.372e+06 Mean 10000 Std Dev 7.57e+05 8000 6000 4000 2000





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.12e+06 Mean Std Dev 8.415e+05 

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 6000 2.118e+06 Mean Std Dev 8.085e+05 5000 4000 3000 2000 1000 3000 500 1000 1500 2000 2500 Frequency (Hz)

windowDat  $\times 10^3$ windowDat Entries 17 2200 34.69 Mean Std Dev 0.7553 2000 1800 1600 1400 1200 1000

35

35.5

36

34

34.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.171e+06 Mean Std Dev 7.618e+05 5000 4000 3000 2000 1000

1500

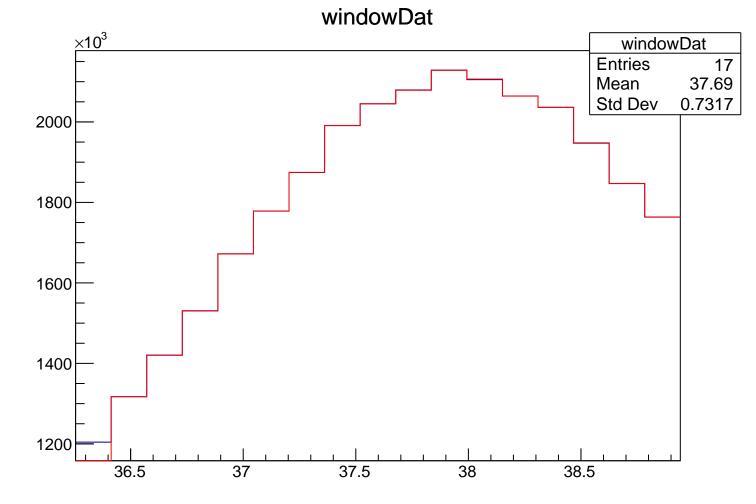
2000

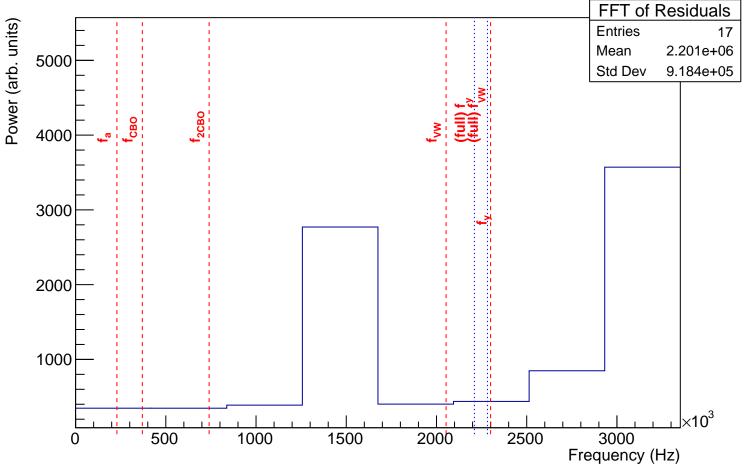
2500

3000 Frequency (Hz)

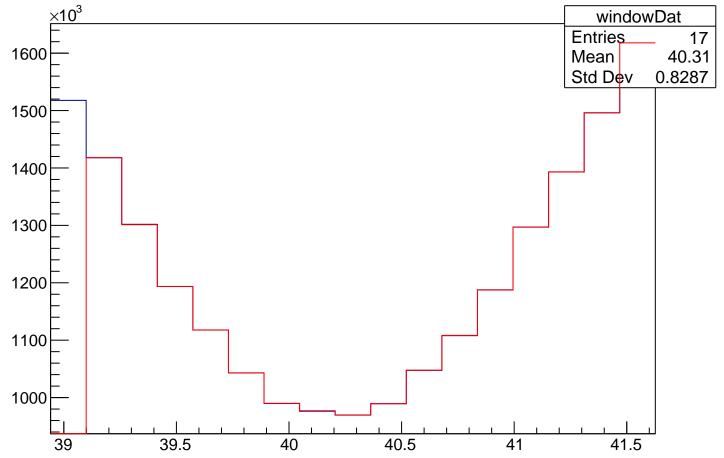
1000

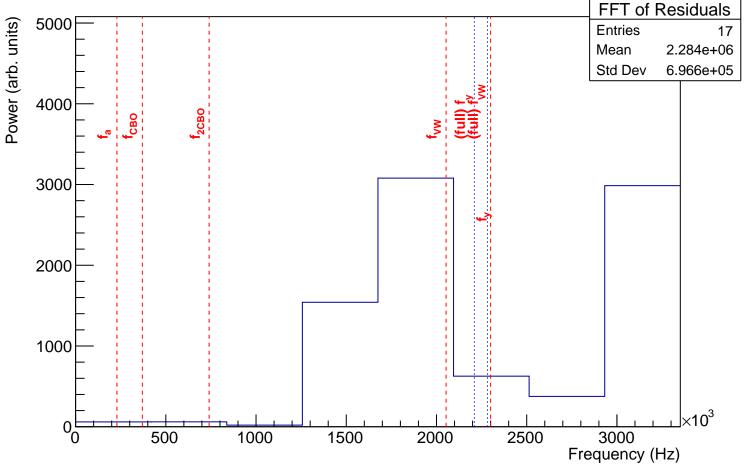
500





windowDat





windowDat  $\times 10^3$ windowDat Entries 17 2000 42.82 Mean Std Dev 0.73 1800 1600 1400 1200 1000

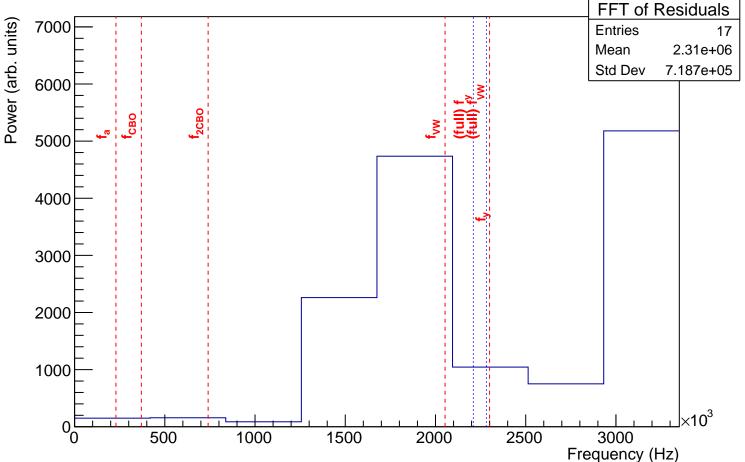
43

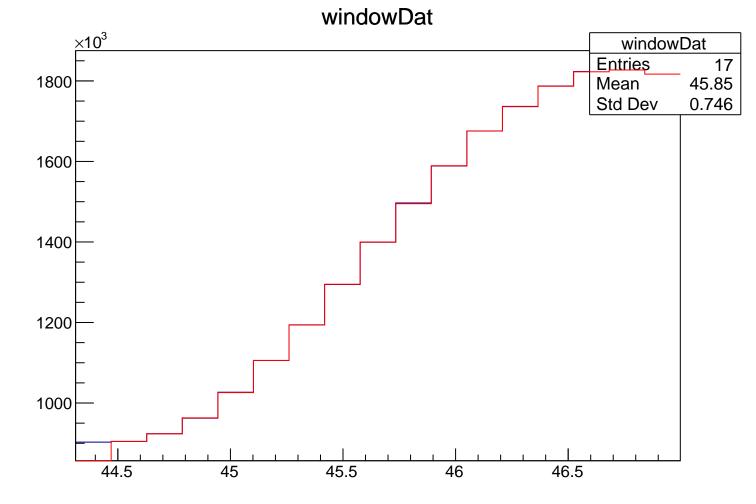
43.5

44

42.5

42





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.008e+06 Mean 3000 Std Dev 5.973e+05 2500 2000 1500 1000 500 500 1000 1500 2000 2500 3000

Frequency (Hz)

windowDat ×10<sup>3</sup> windowDat **Entries** 17 48.16 Mean 1700 Std Dev 0.7879 1600 1500 1400 1300 1200 1100 1000 900 800 <del>|</del>

48.5

49

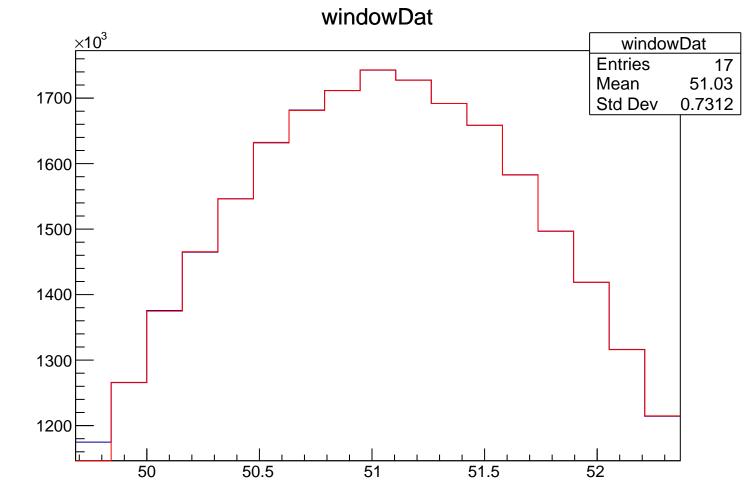
49.5

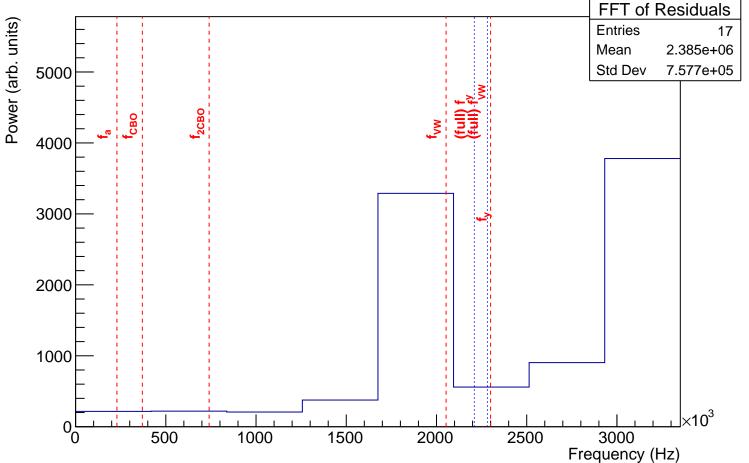
47.5

48

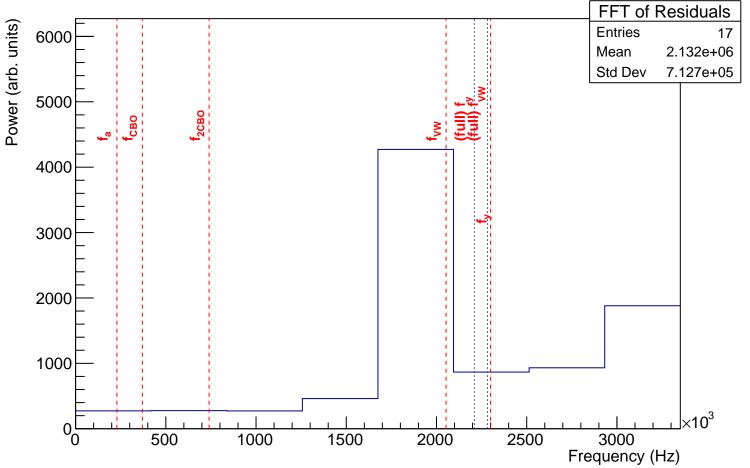
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.125e+06 Mean Std Dev 7.784e+05 

Frequency (Hz)

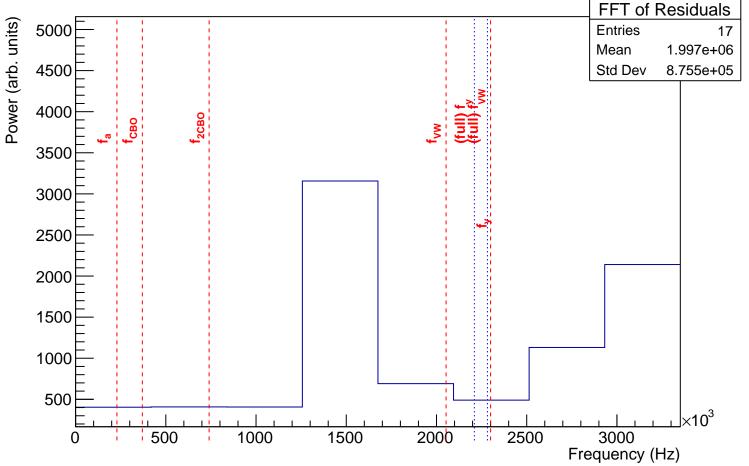


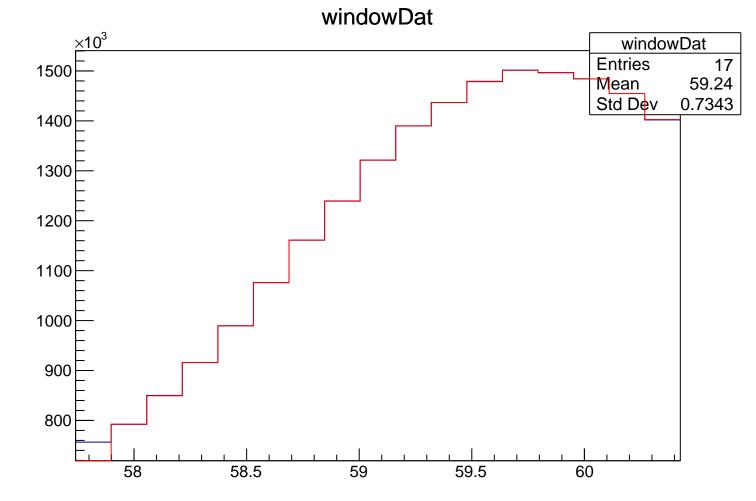


windowDat windowDat 1500 Entries 17 53.84 Mean Std Dev 0.8066 1400 1300 1200 1100 1000 900 800 53.5 52.5 53 54 54.5 55



windowDat  $\times 10^3$ windowDat **Entries** 17 1600 56.2 Mean Std Dev 0.7358 1500 1400 1300 1200 1100 1000 900 800 700 <del></del> 55.5 56 56.5 57 57.5





FFT of Residuals Power (arb. units) 3500 **Entries** Mean 2.227e+06 Std Dev 7.194e+05 3000 2500 2000 1500 1000 500

1500

2000

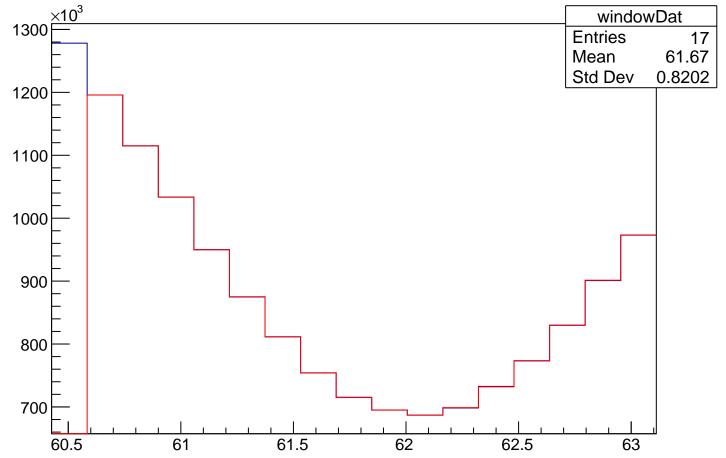
2500

3000 Frequency (Hz)

1000

500

windowDat



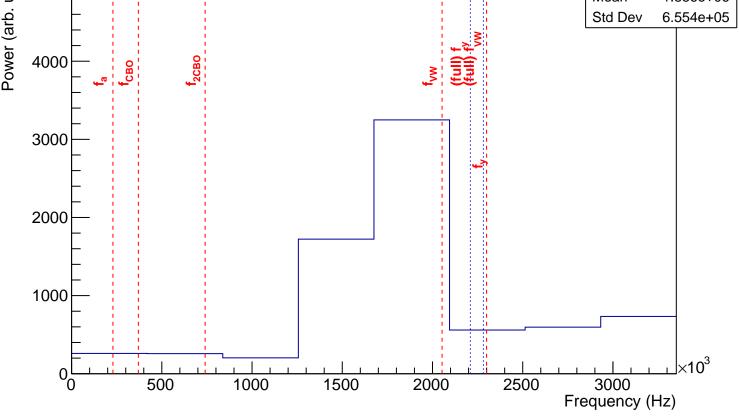
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 5000 2.239e+06 Mean Std Dev 6.655e+05 4000 3000 2000 1000 3000 500 1000 1500 2000 2500

Frequency (Hz)

windowDat  $\times 10^3$ windowDat Entries 17 1400 64.38 Mean Std Dev 0.7306 1300 1200 1100 1000 900 800 63.5 64.5 65 65.5

64

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 5000 1.886e+06 Mean 6.554e+05 Std Dev 4000 3000



windowDat windowDat Entries 17 1300 67.33 Mean Std Dev 0.7727 1200 1100 1000 900 800 700 66.5 66 67 67.5 68

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 5000 2.294e+06 Mean Std Dev 7.808e+05 4000 3000 2000 1000

1500

2000

2500

3000

Frequency (Hz)

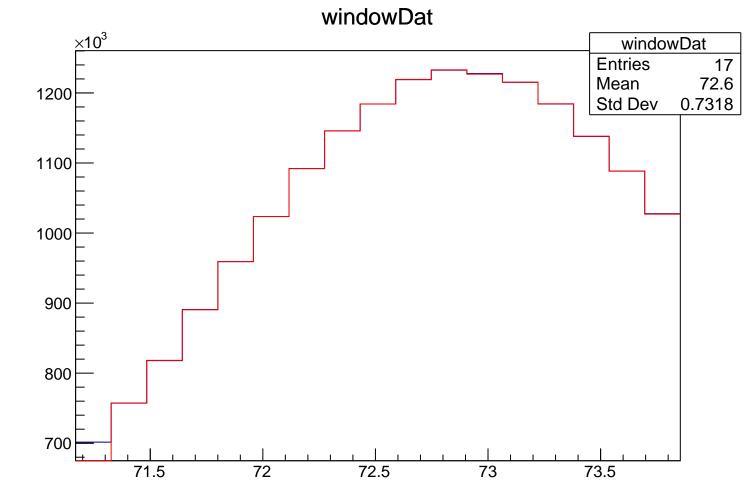
1000

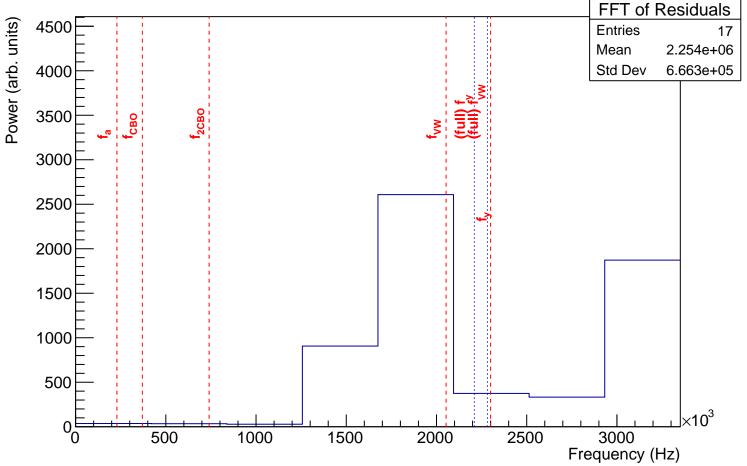
500

0

windowDat ×10<sup>3</sup> windowDat Entries 17 1300 69.61 Mean Std Dev 0.7551 1200 1100 1000 900 800 700 600 68.5 69 69.5 70.5 71 70

FFT of Residuals Power (arb. units) **Entries** 2.026e+06 Mean Std Dev 7.672e+05 Frequency (Hz)





windowDat windowDat 950 Entries 17 75.22 Mean Std Dev 0.8289 900 850 800 750 700 650 600 550 □

75.5

76.5

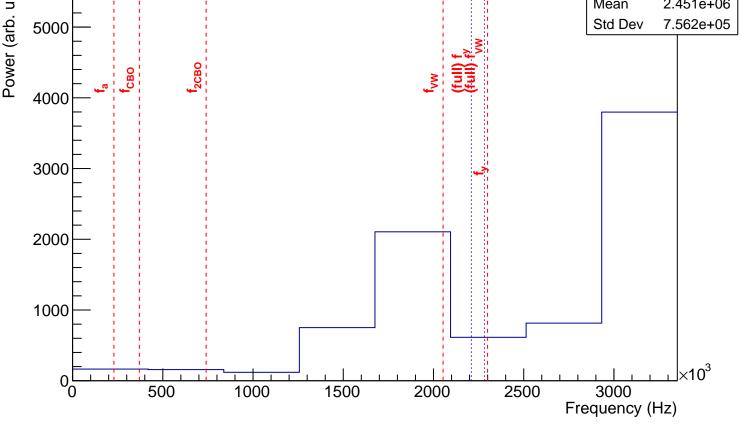
76

75

74

74.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.451e+06 Mean Std Dev 7.562e+05 5000 4000 3000



windowDat ×10<sup>3</sup> windowDat Entries 17 Mean 77.74 1100 Std Dev 0.7304 1000 900 800 700 600

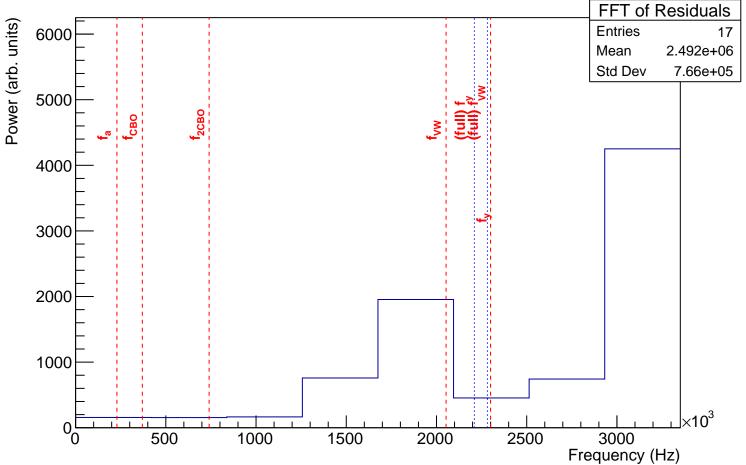
78

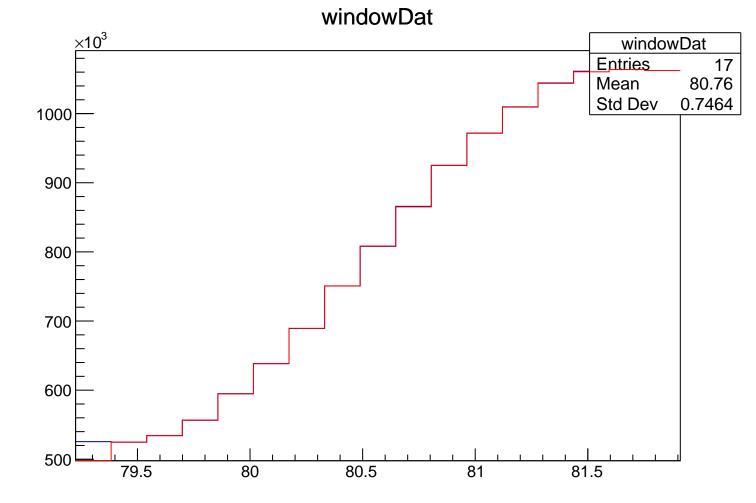
78.5

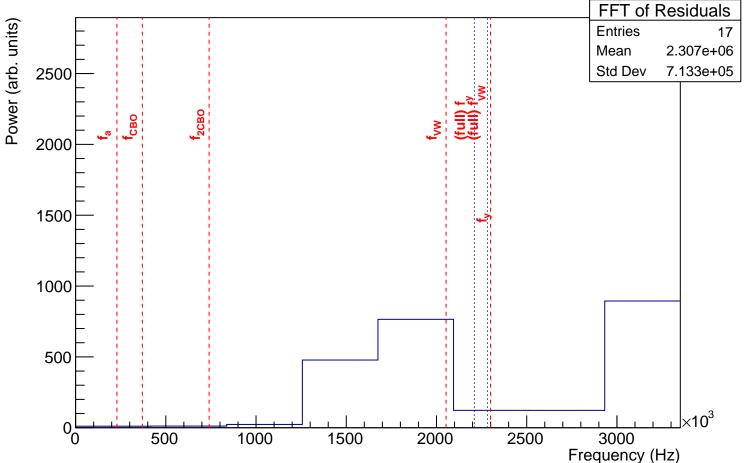
79

77

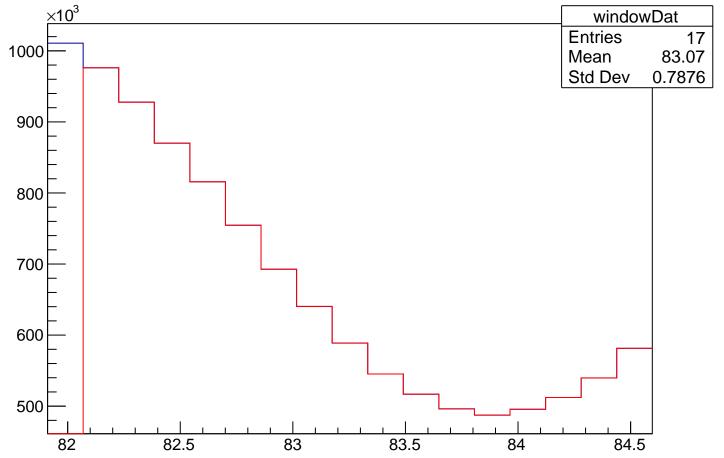
77.5

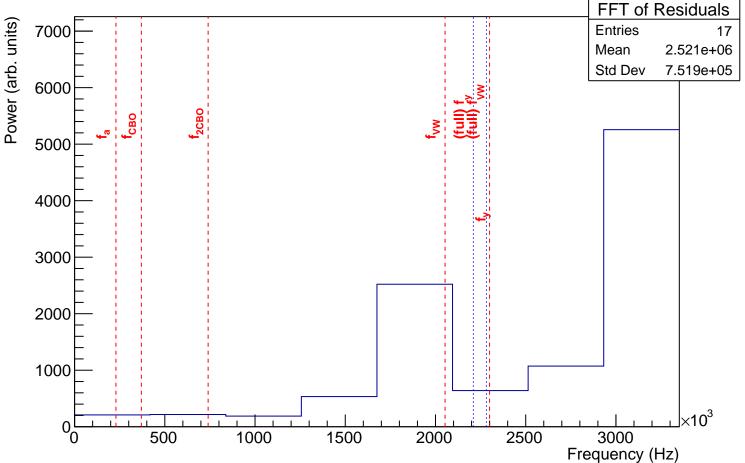


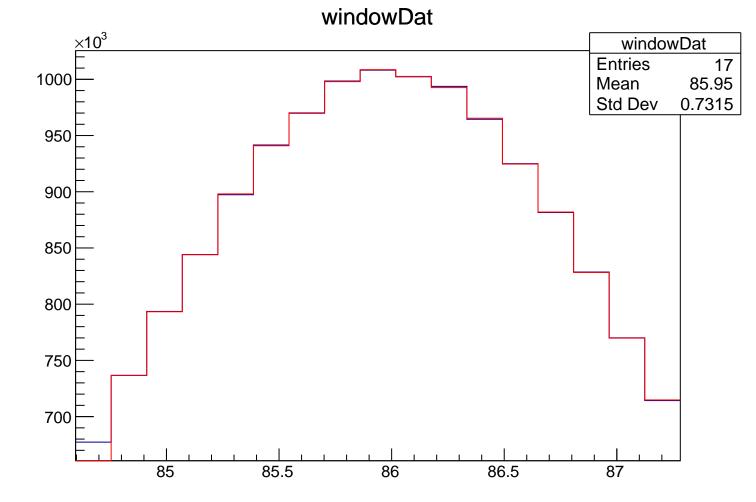


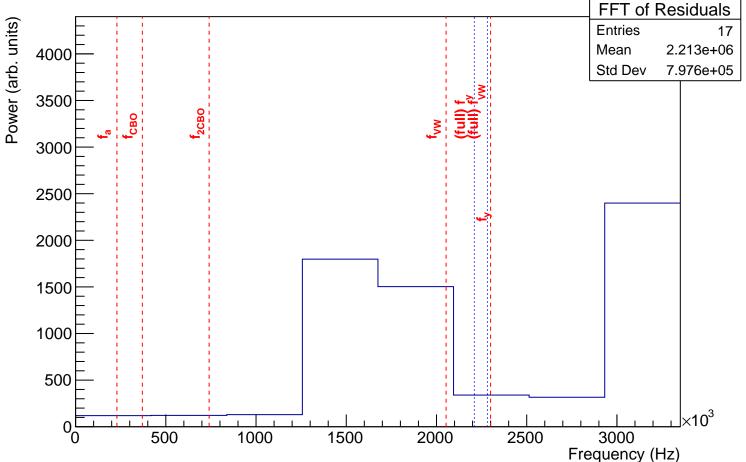


windowDat









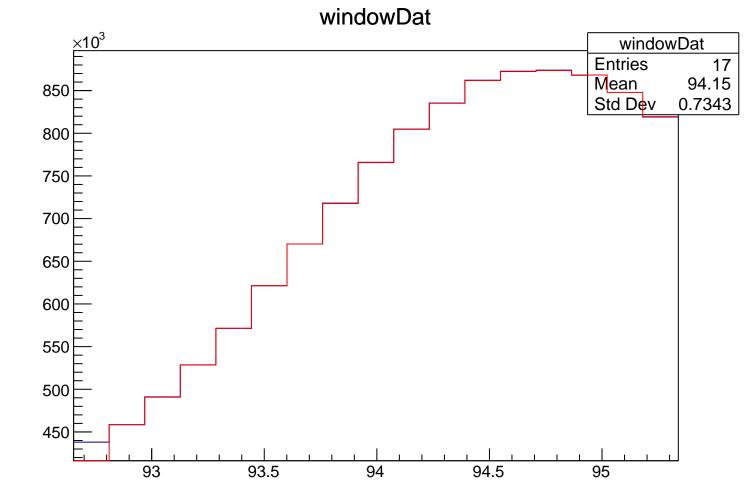
windowDat  $\times 10^3$ windowDat Entries 17 850 88.75 Mean Std Dev 0.8074 800 750 700 650 600 550 500 450 87.5 88 88.5 89 89.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.229e+06 Mean Std Dev 6.65e+05 

Frequency (Hz)

windowDat ×10<sup>3</sup> windowDat Entries 17 91.11 Mean 900 Std Dev 0.7361 800 700 600 500 90 92.5 90.5 91 91.5 92

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.827e+06 3000 7.065e+05 Std Dev 2500 2000 1500 1000 500 3000 500 1000 1500 2000 2500 Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.213e+06 Mean 2500 Std Dev 8.6e+05 2000 1500 1000 500

1500

2500

2000

3000

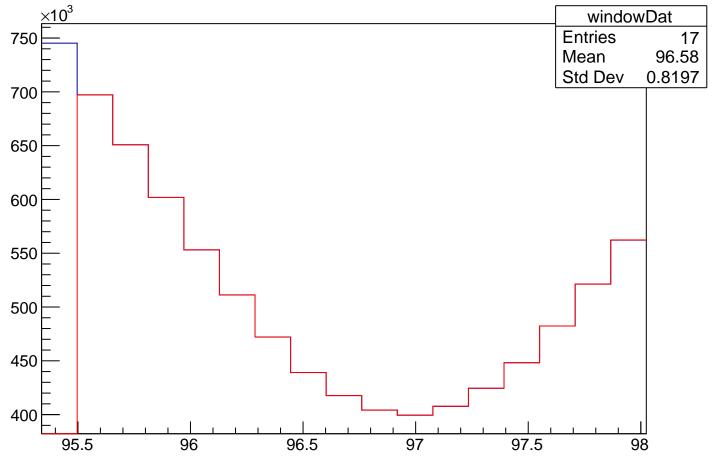
Frequency (Hz)

1000

500

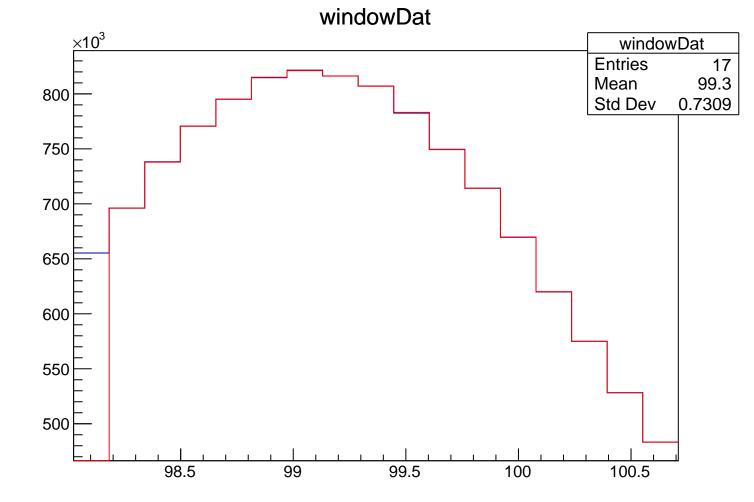
0,

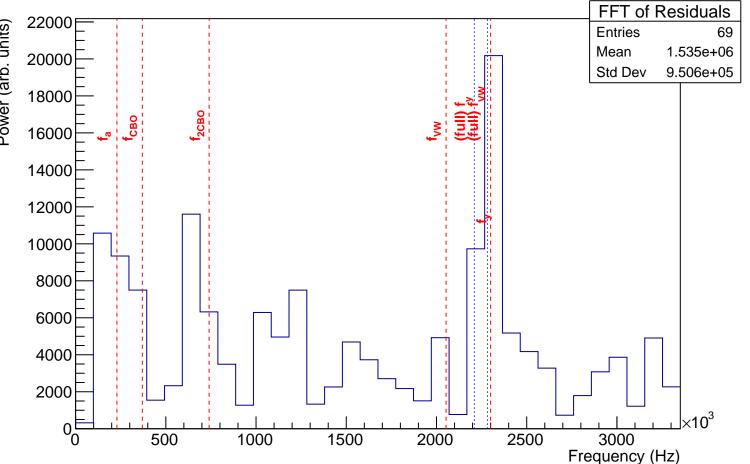
windowDat



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.972e+06 Mean 3500 Std Dev 5.397e+05 3000 2500 2000 1500 1000 500 3000 500 1000 1500 2000 2500

Frequency (Hz)





windowDat ×10<sup>3</sup> windowDat Entries 105.8 Mean Std Dev 2.863 

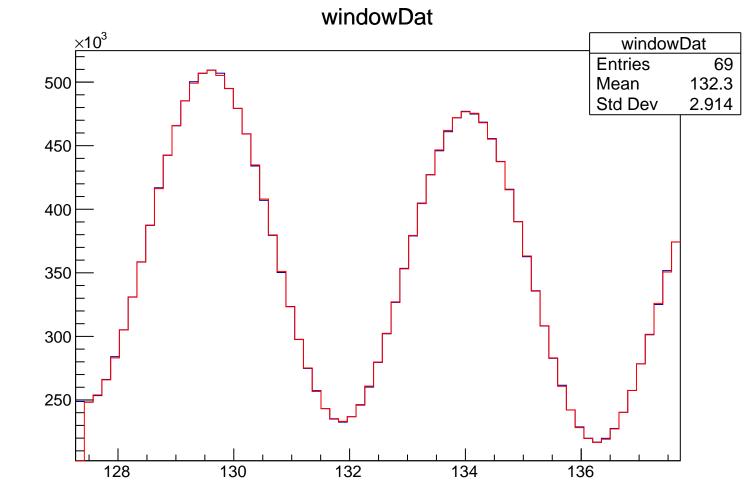
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.669e+06 Mean Std Dev 9.55e+05 0,

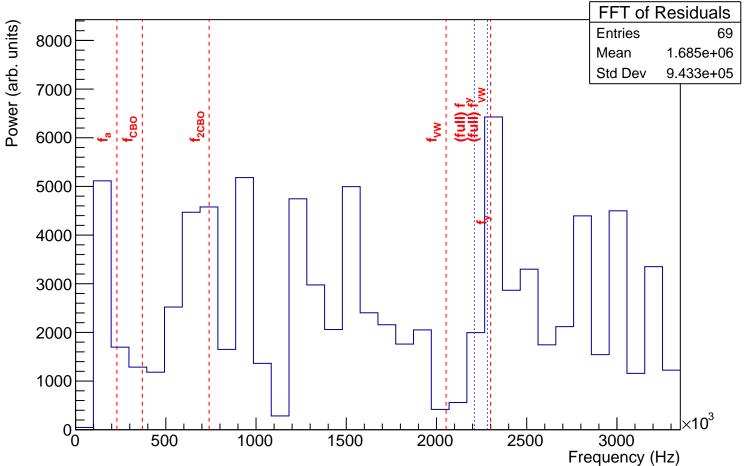
Frequency (Hz)

windowDat ×10<sup>3</sup> windowDat Entries 116.5 Mean Std Dev 3.153 

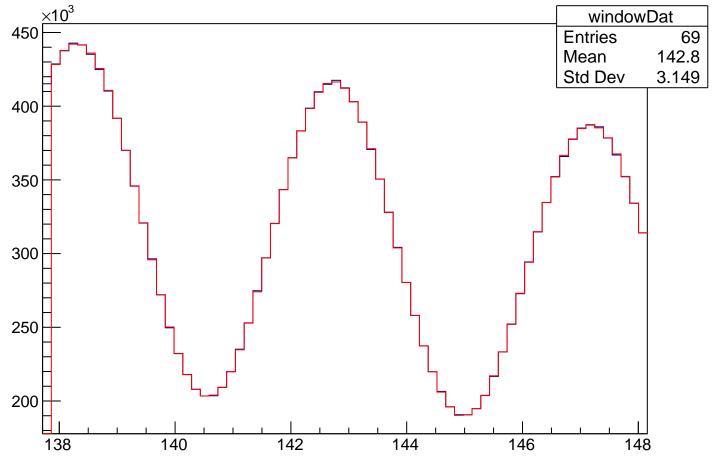
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 12000 Mean 1.63e+06 9.413e+05 Std Dev 10000 8000 6000 4000 2000 0 r 3000 500 1000 1500 2000 2500

Frequency (Hz)

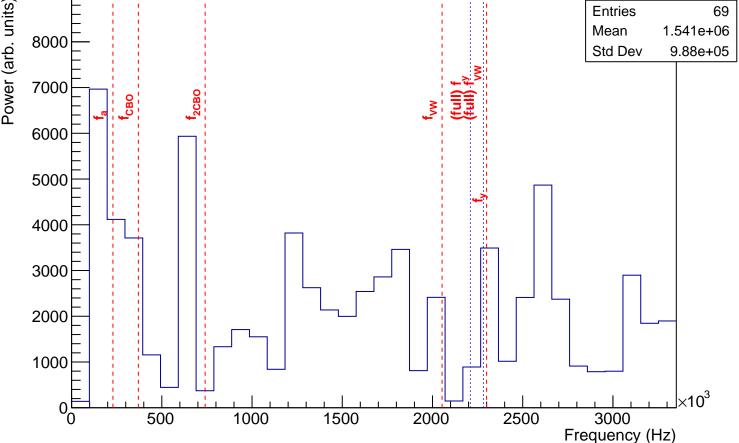


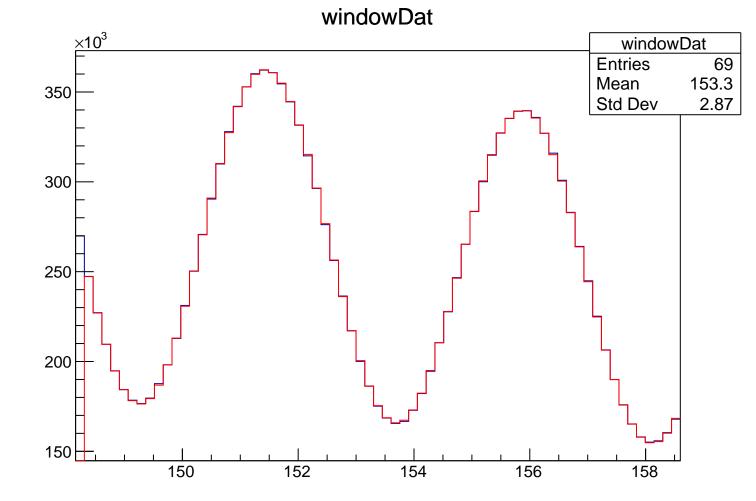


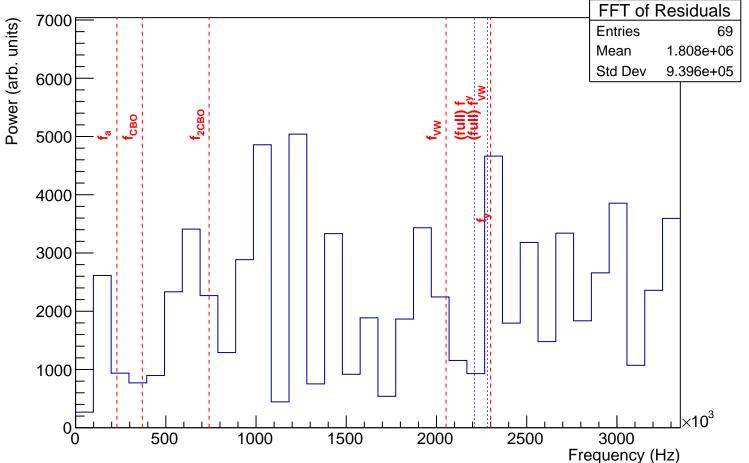
windowDat



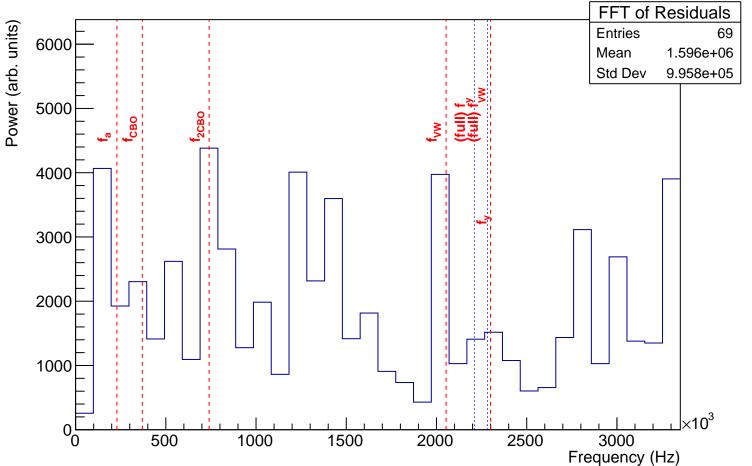
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 1.541e+06 Mean 8000 Std Dev 9.88e+05 7000 6000 5000 4000 3000



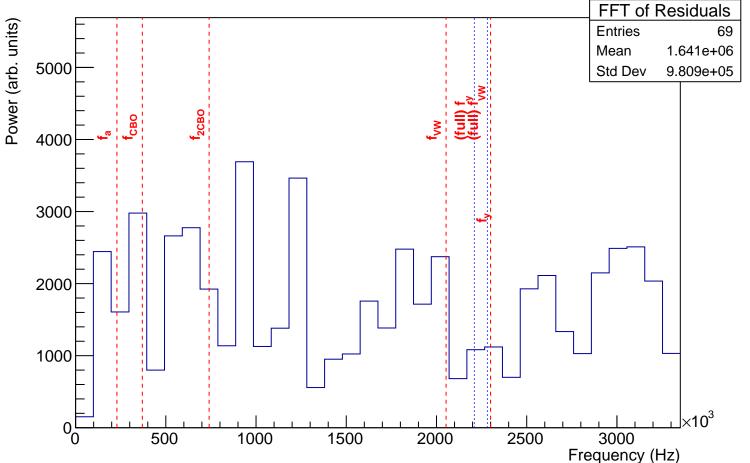


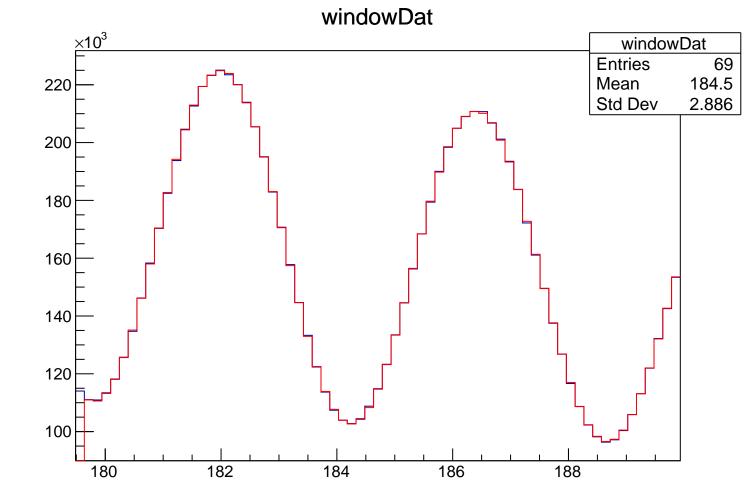


windowDat  $\times 10^3$ windowDat Entries 163.6 Mean Std Dev 3.071 



windowDat 280 ×10<sup>3</sup> windowDat Entries Mean 174.2 Std Dev 3.049 

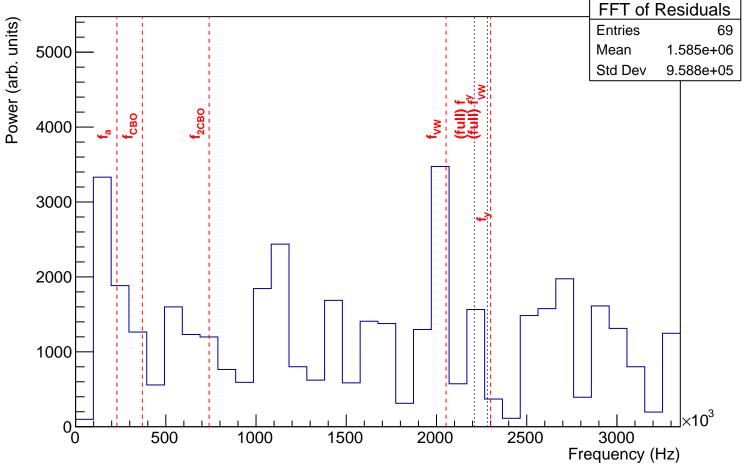




FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.747e+06 Std Dev 9.594e+05 

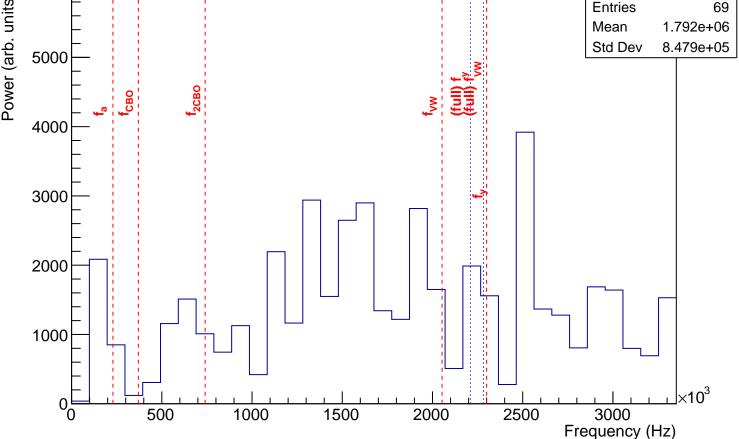
Frequency (Hz)

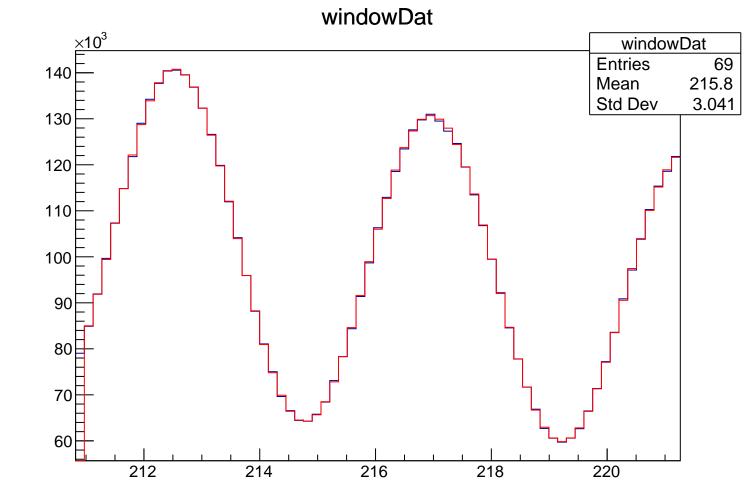
windowDat  $\times 10^3$ windowDat Entries Mean Std Dev 3.154 

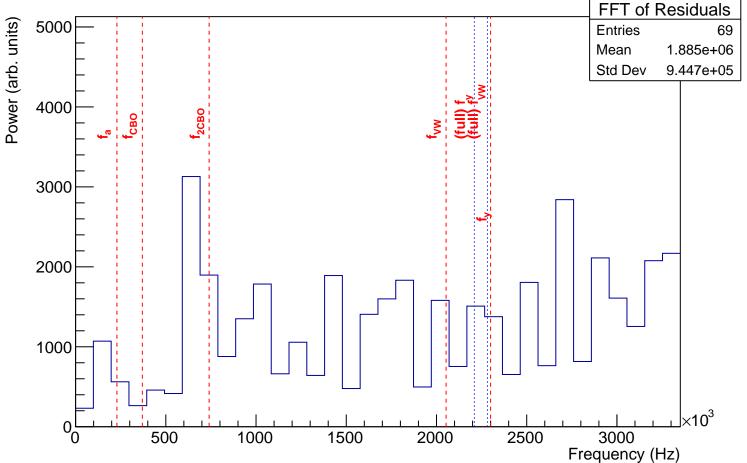


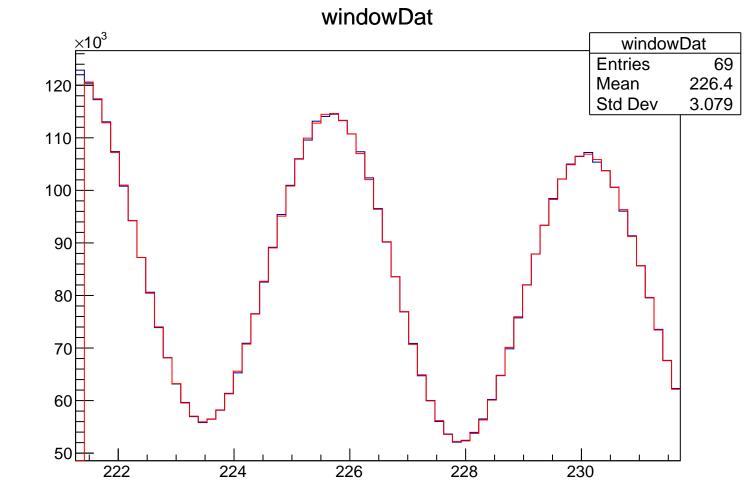
windowDat  $\times 10^3$ windowDat Entries 69 160 205.5 Mean Std Dev 2.89 140 120 100 80 202 204 206 208 210

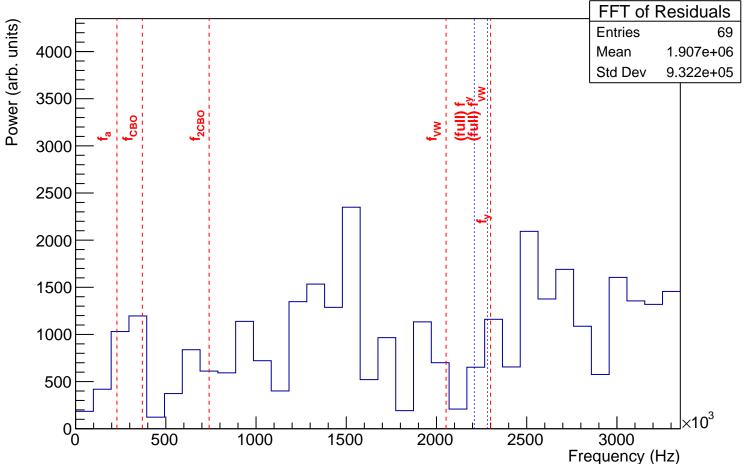
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean Std Dev 5000



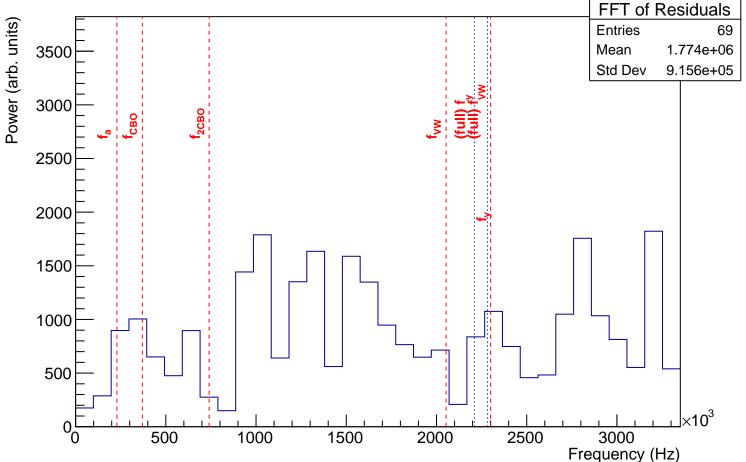




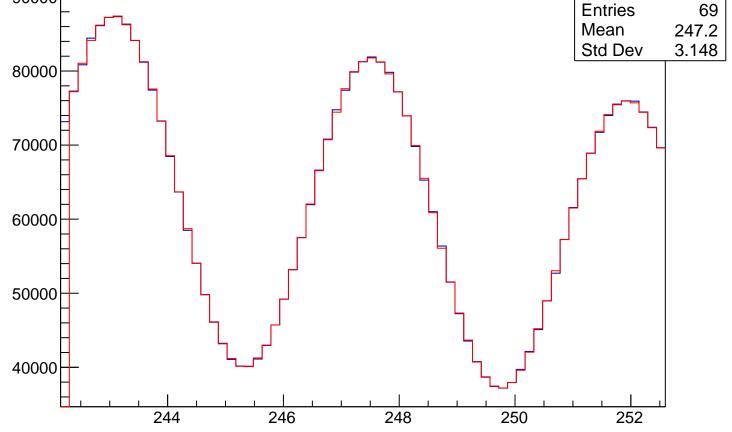


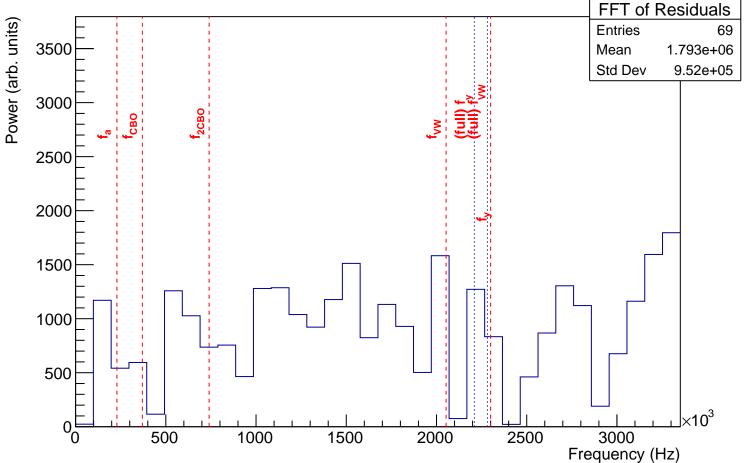


windowDat ×10<sup>3</sup> windowDat Entries 236.8 Mean Std Dev 2.866 

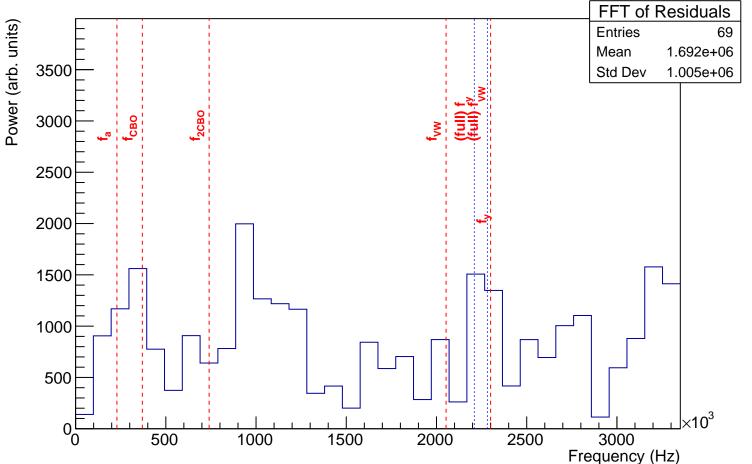


windowDat windowDat 90000 Entries 69 Mean 247.2 Std Dev 3.148 80000 70000 60000



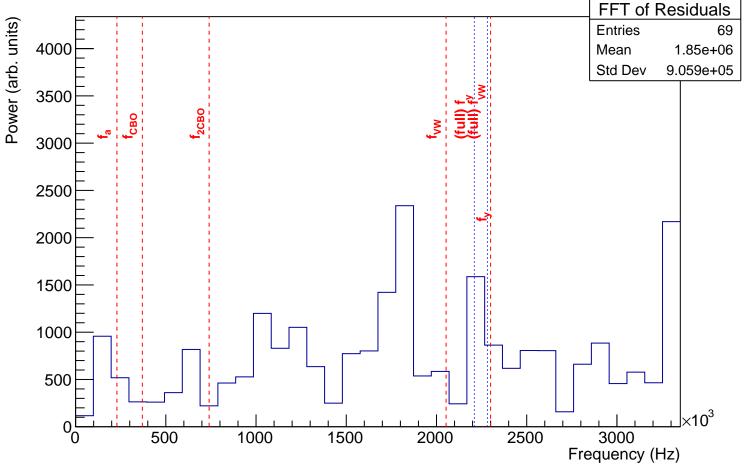


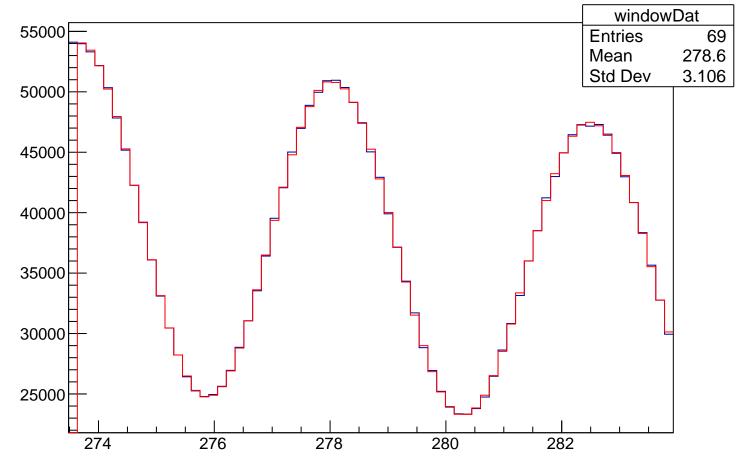
windowDat windowDat **Entries** Mean 257.7 Std Dev 2.92 

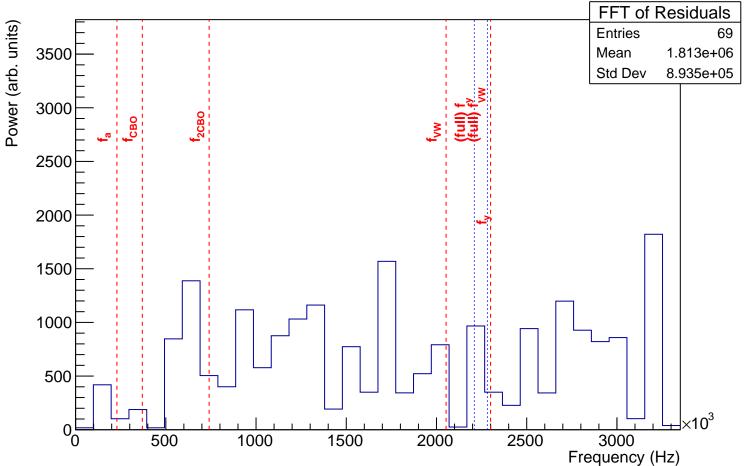


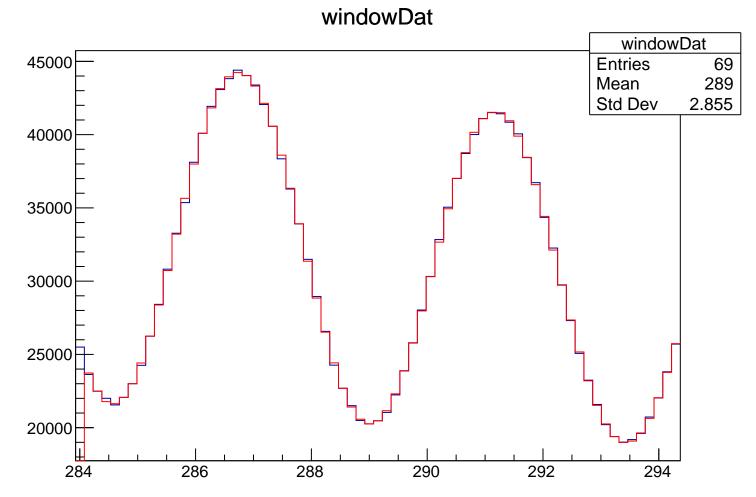
windowDat windowDat **Entries** Mean 3.006 Std Dev 

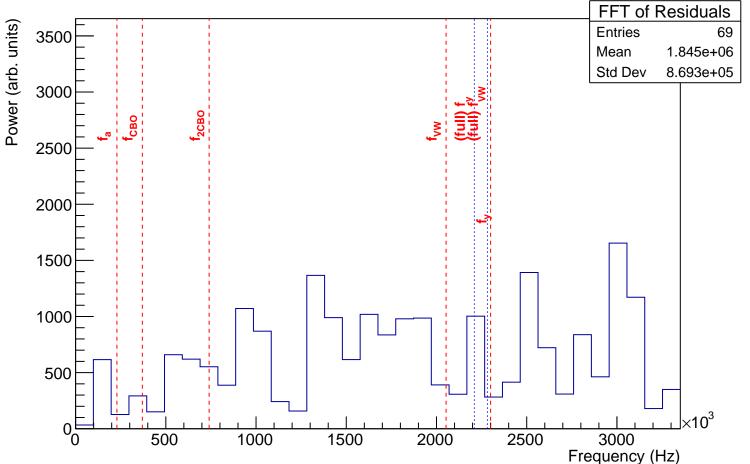
FFT of Residuals

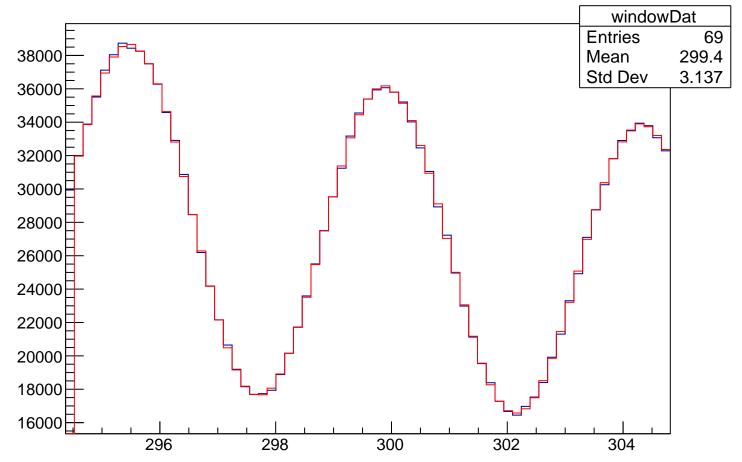




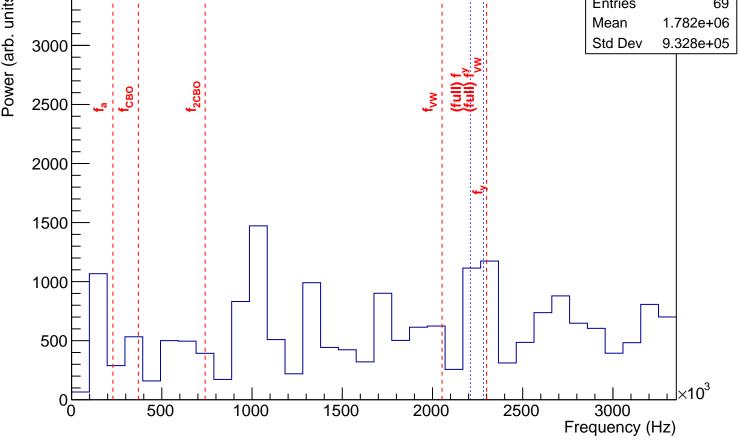


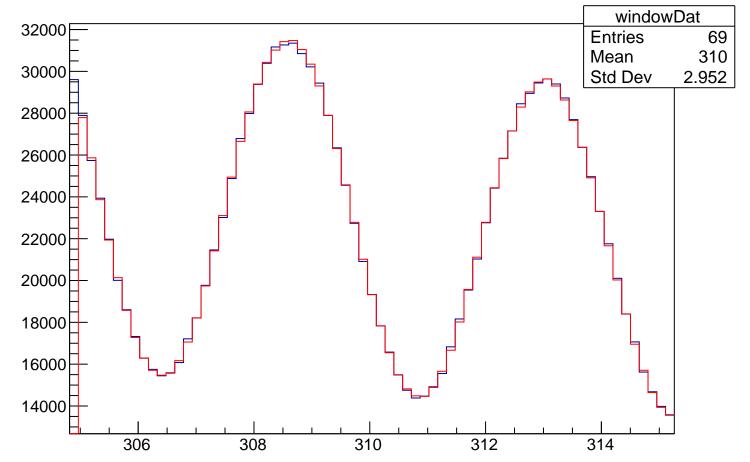






FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.782e+06 9.328e+05 Std Dev 3000 2500 2000





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.639e+06 3000 9.325e+05 Std Dev 2500 2000 1500 1000 500

1500

2000

2500

1000

3000

Frequency (Hz)

0 L

500

