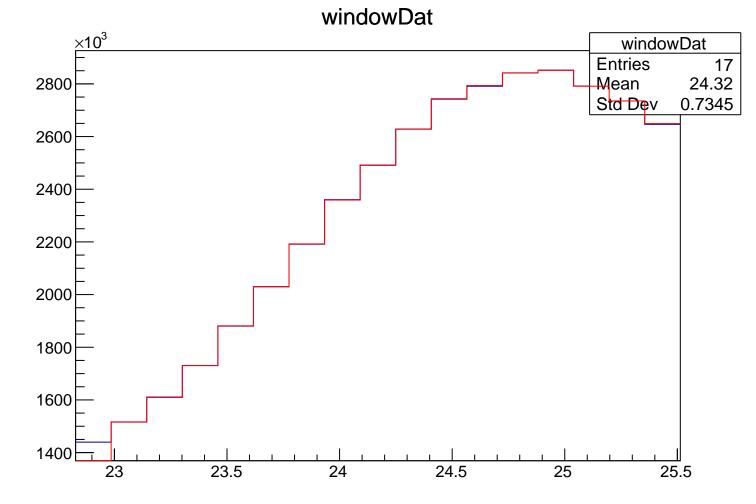
FFT of Residuals 10000 **Entries** 2.517e+06 Mean Std Dev 6.853e+05 8000 6000 4000 2000 0 r 1000 3000 500 1500 2000 2500 Frequency (Hz)

windowDat  $\times 10^3$ windowDat **Entries** 17 3000 21.29 Mean 0.738 Std Dev 2800 2600 2400 2200 2000 1800 1600 1400 20.5 21 21.5 22 22.5

FFT of Residuals FFT of Residuals **Entries** 2.22e+06 Mean 12000 Std Dev 8.479e+05 10000 8000 6000 4000 2000 3000 500 1000 1500 2000 2500

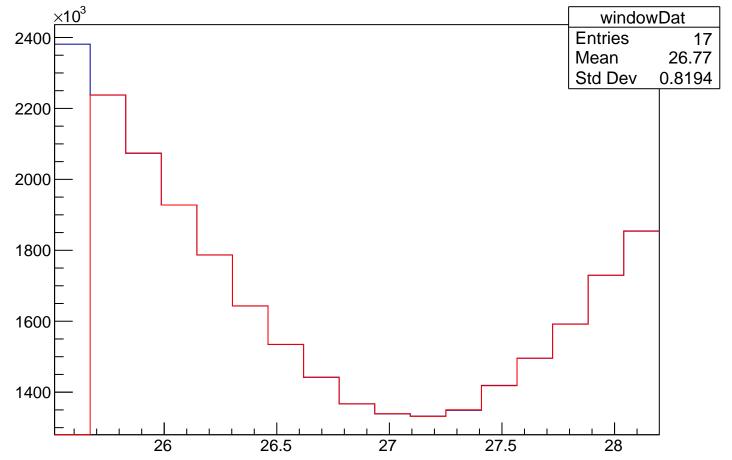
Frequency (Hz)

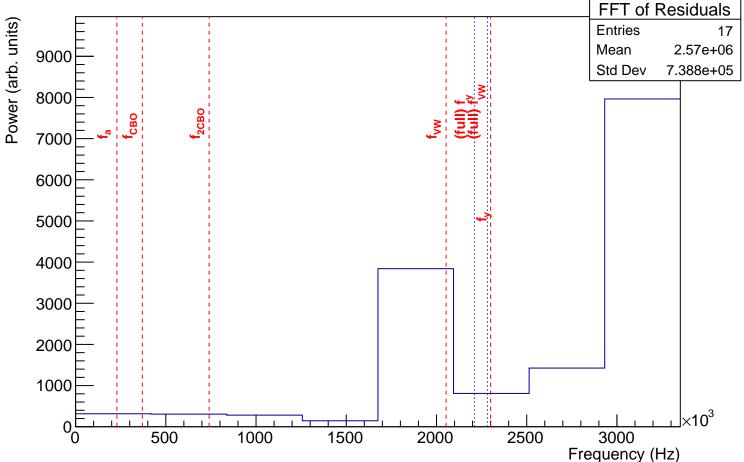


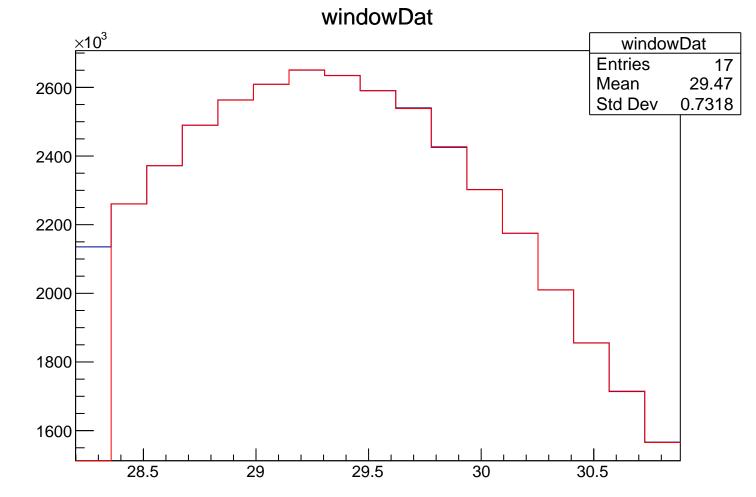
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.25e+06 Mean Std Dev 9.009e+05 

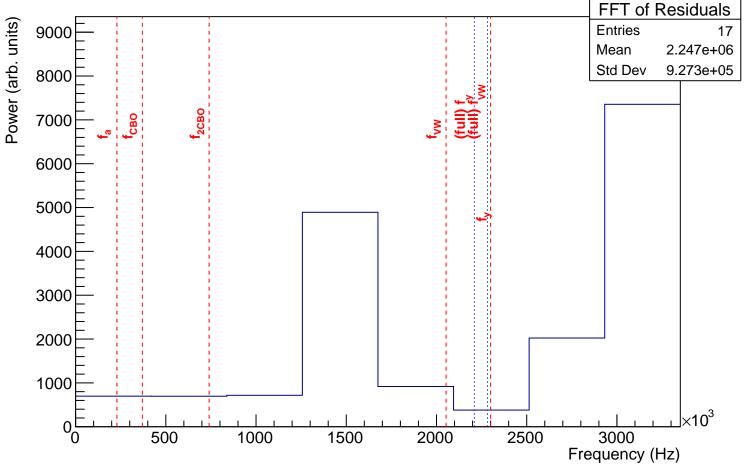
Frequency (Hz)

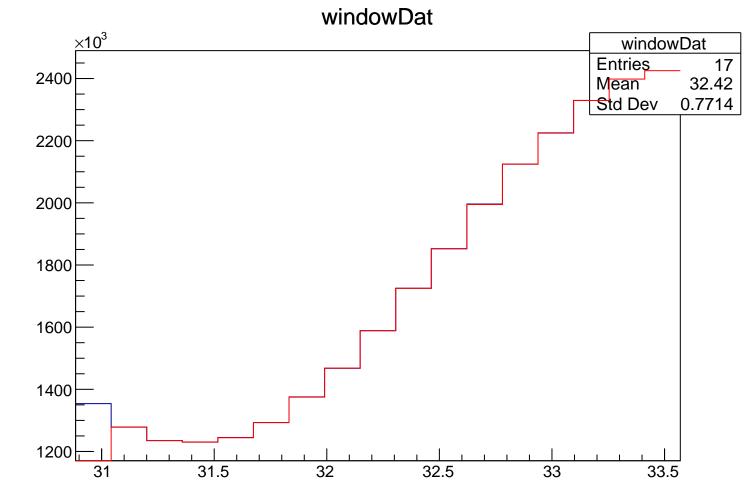
windowDat



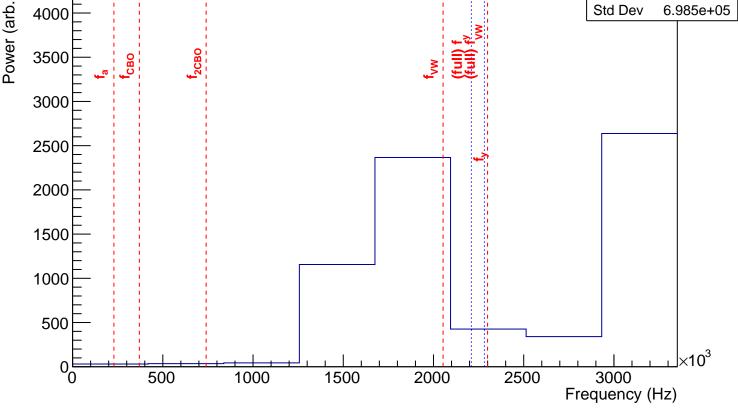








FFT of Residuals FFT of Residuals Power (arb. units) 4500 **Entries** Mean 2.334e+06 Std Dev 6.985e+05 4000 3500 3000 2500



windowDat  $\times 10^3$ windowDat Entries 17 2400 34.7 Mean Std Dev 0.7577 2200 2000 1800 1600 1400 1200

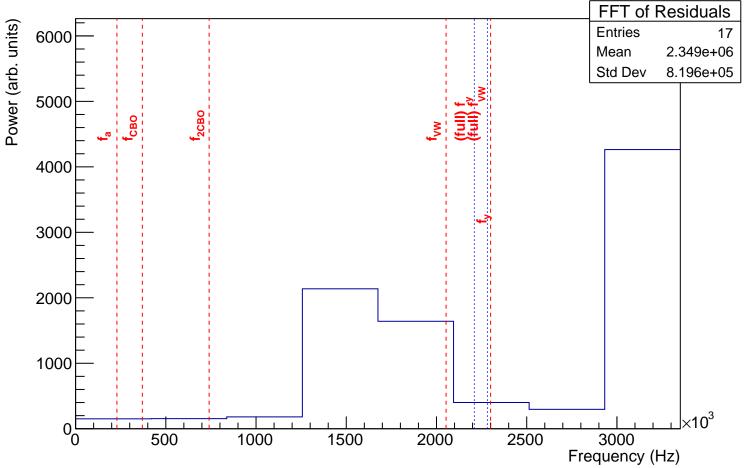
35

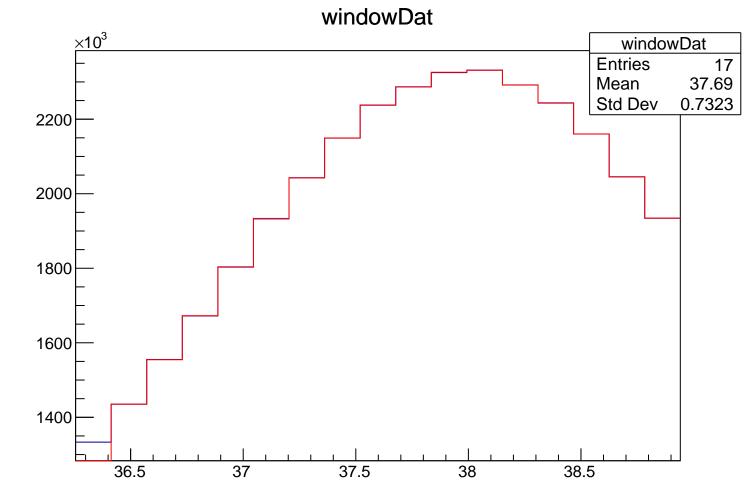
35.5

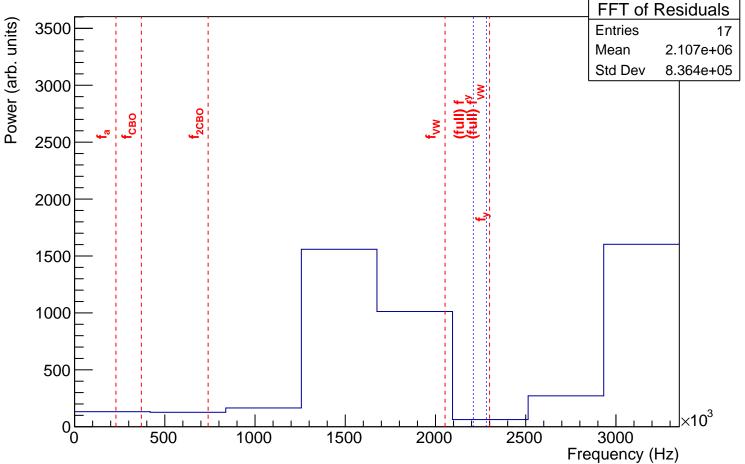
36

34

34.5







windowDat windowDat 1800 Entries 17 40.31 Mean Std Dev 0.8268 1700 1600 1500 1400 1300 1200 1100

40.5

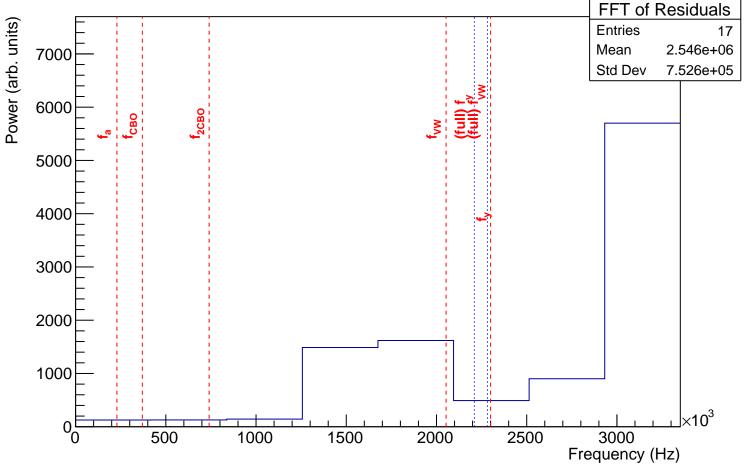
41

41.5

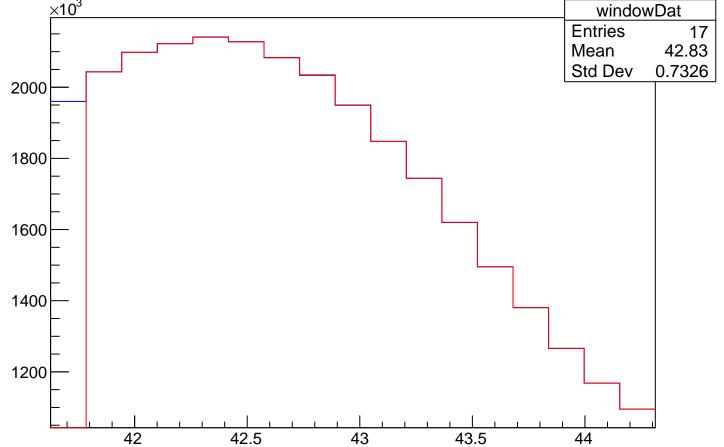
40

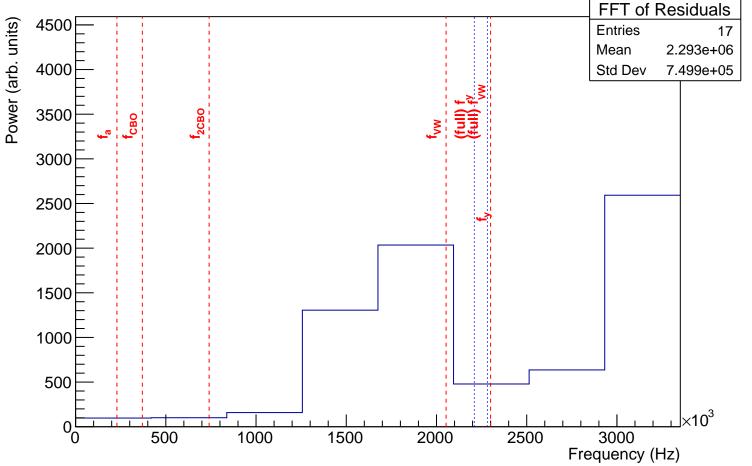
39

39.5



windowDat ×10<sup>3</sup> 2000





windowDat  $\times 10^3$ windowDat Entries 17 2000 Mean 45.85 Std Dev 0.7468 1800 1600 1400 1200 1000 44.5 45 46.5 45.5 46

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.042e+06 Mean 3500 Std Dev 8.492e+05 3000 2500 2000 1500 1000 500

1500

2000

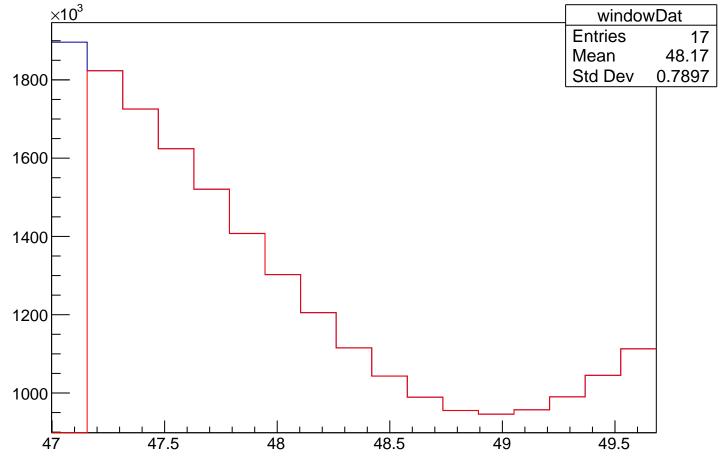
2500

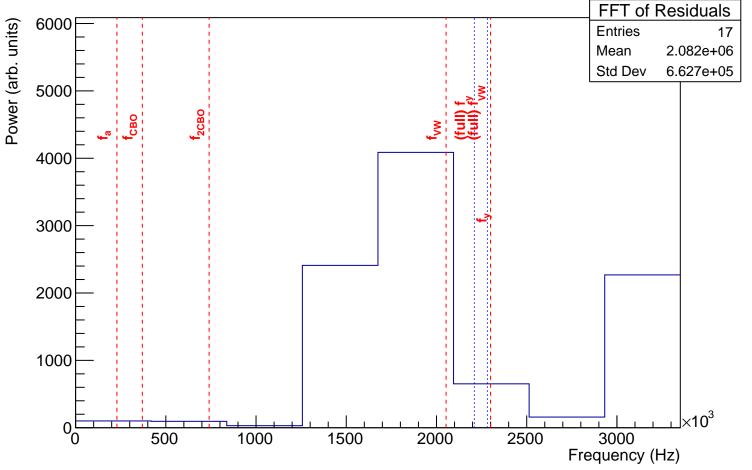
3000 Frequency (Hz)

1000

500

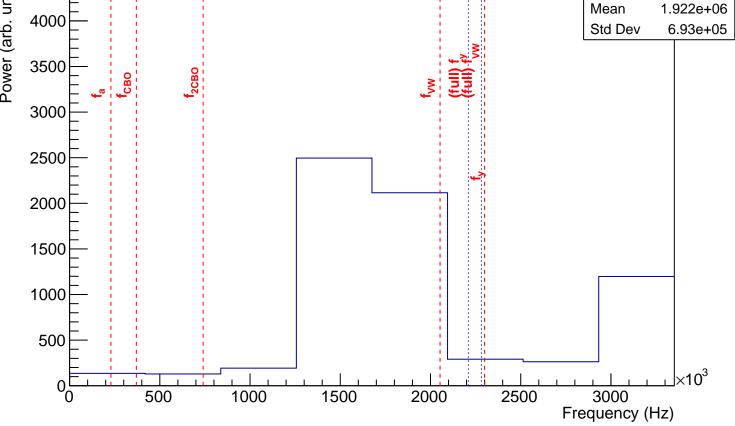
windowDat



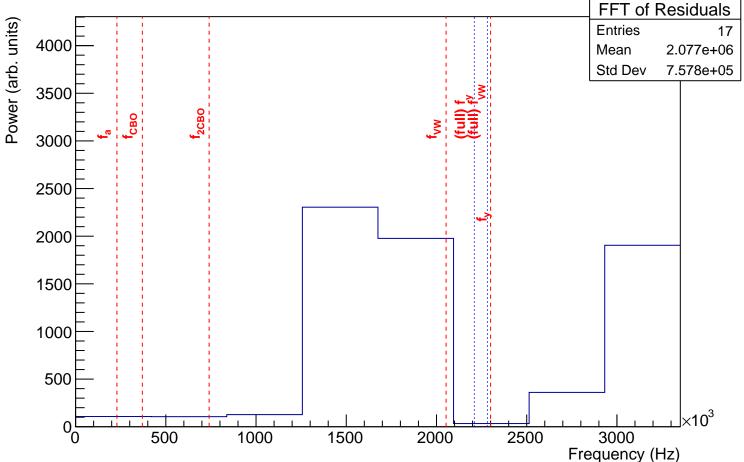


windowDat  $\times 10^3$ windowDat 1900 Entries 17 51.04 Mean Std Dev 0.733 1800 1700 1600 1500 1400 1300 50 50.5 51 51.5 52

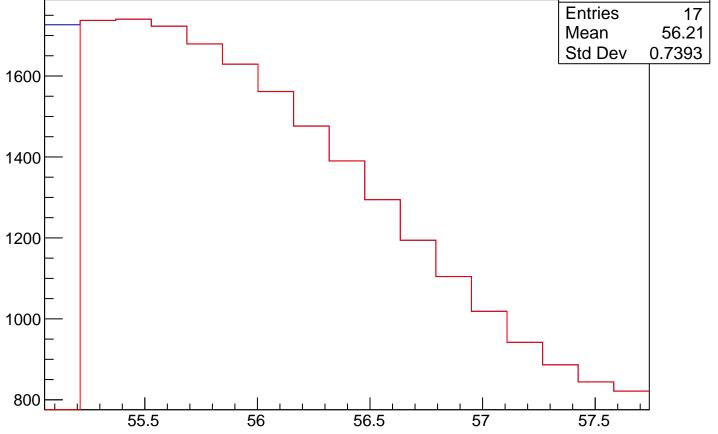
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.922e+06 Mean 4000 Std Dev 6.93e+05 3500 3000 2500

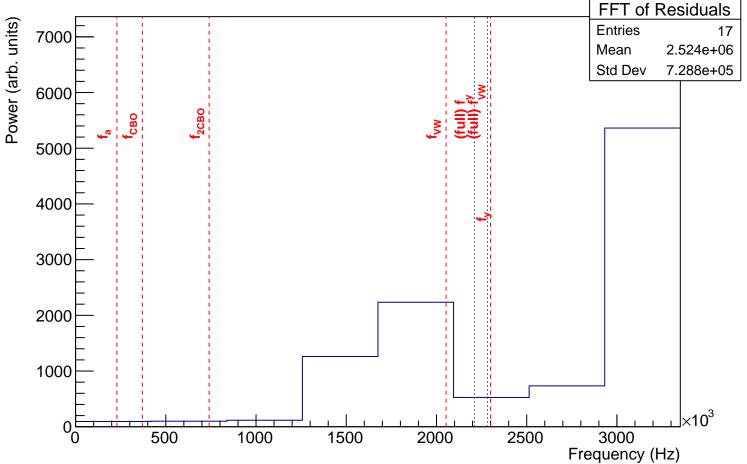


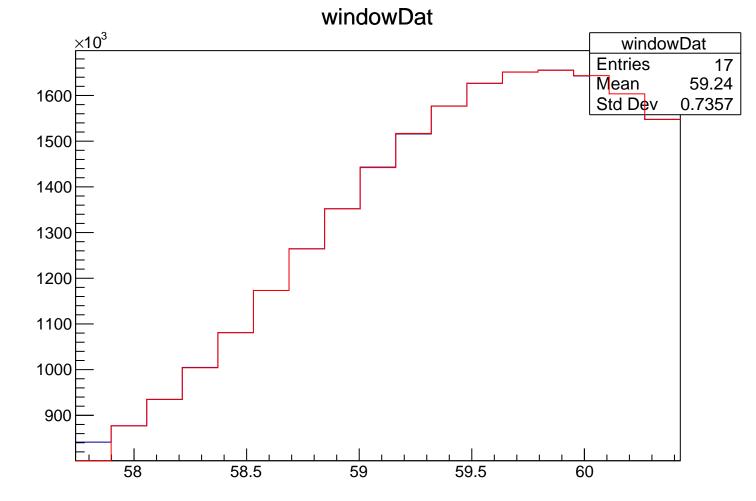
windowDat  $\times 10^3$ windowDat Entries 17 53.84 Mean 1600 Std Dev 0.8058 1500 1400 1300 1200 1100 1000 900 52.5 53.5 53 54 54.5 55



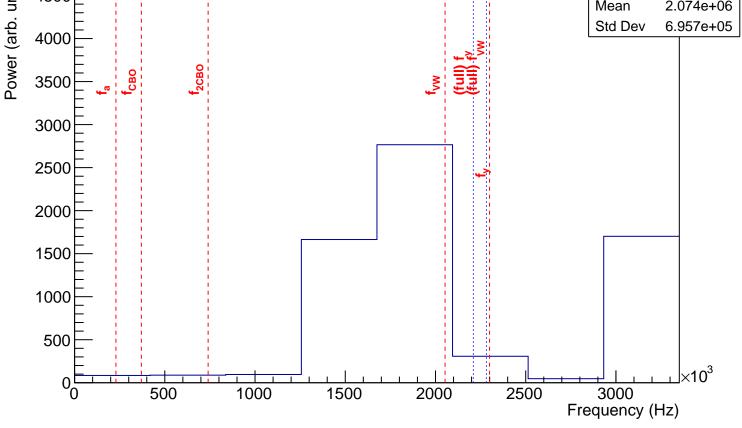
windowDat  $\times 10^3$ windowDat Entries 17 56.21 Mean Std Dev 0.7393 1600 1400 1200 1000



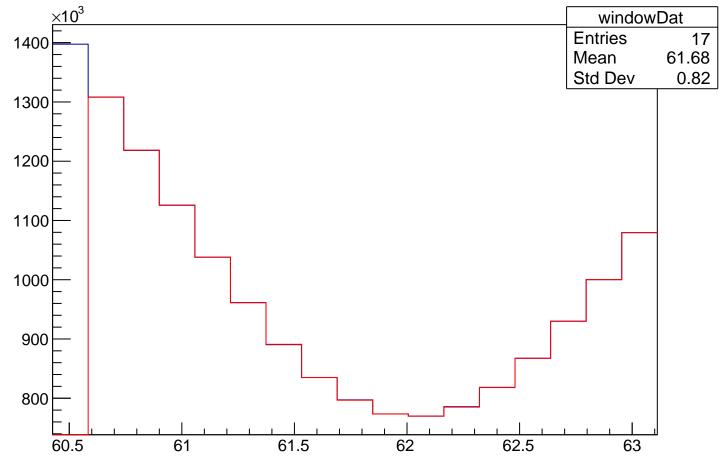




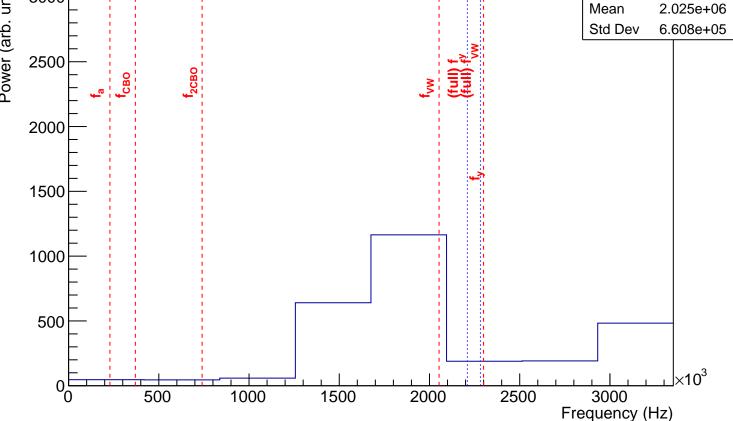
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 4500 Mean 2.074e+06 Std Dev 6.957e+05 4000 3500 3000 2500 2000 1500



windowDat

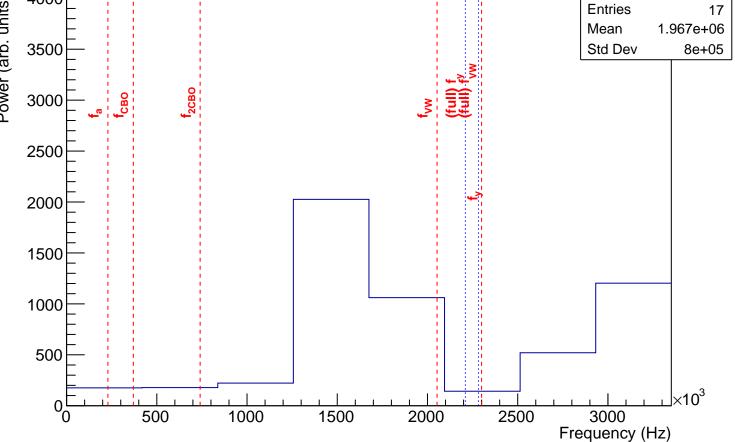


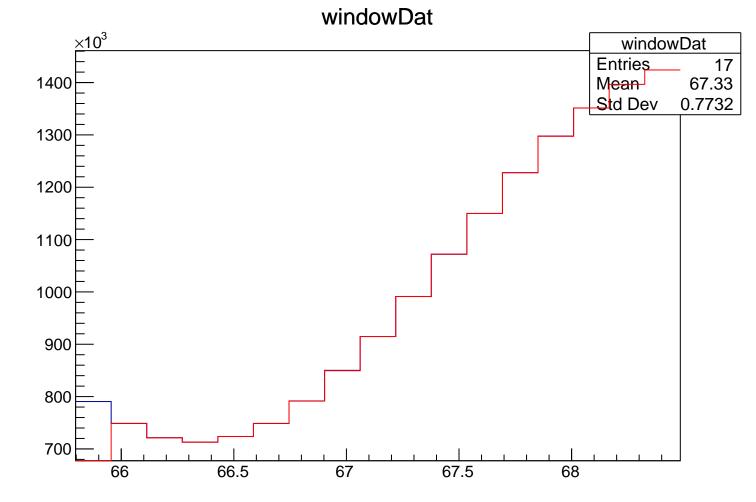
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 3000 Mean Std Dev 2500



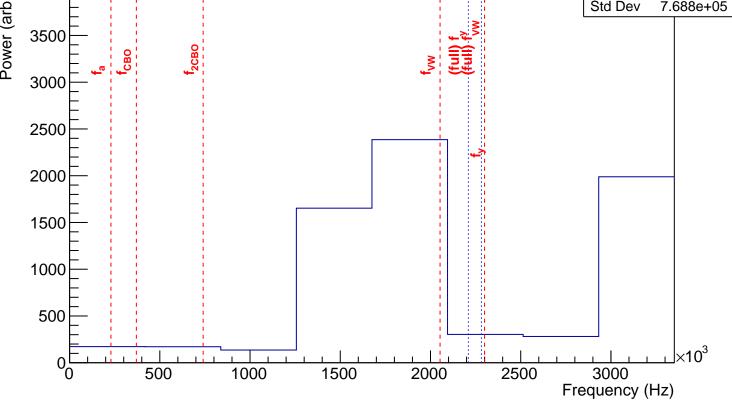
windowDat  $\times 10^3$ windowDat Entries 17 64.39 Mean 1500 Std Dev 0.733 1400 1300 1200 1100 1000 900 63.5 64.5 65 65.5 64

FFT of Residuals FFT of Residuals 4000 Power (arb. units) **Entries** 1.967e+06 Mean 3500 Std Dev 8e+05 3000 2500 2000 1500





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.104e+06 Mean 4000 Std Dev 7.688e+05 3500 3000 2500 2000 1500 1000



windowDat  $\times 10^3$ windowDat Entries 17 1400 69.62 Mean Std Dev 0.7582 1300 1200 1100 1000 900 800 700

70

70.5

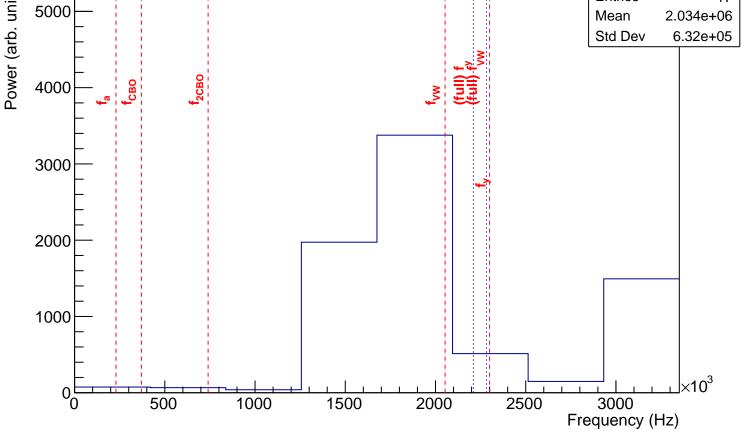
71

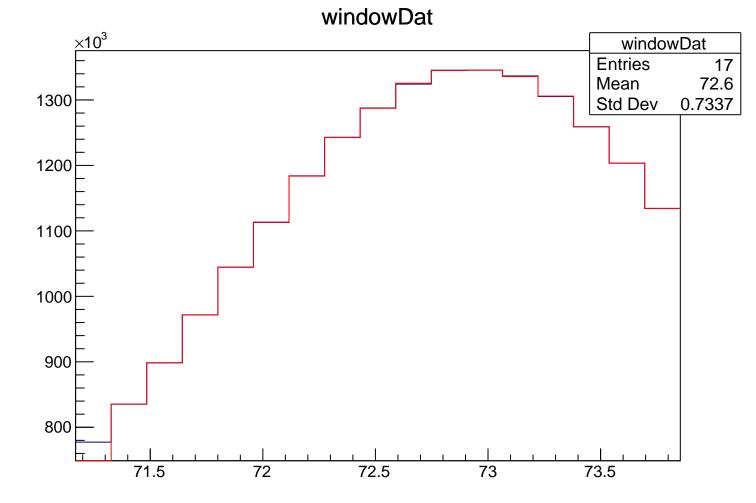
68.5

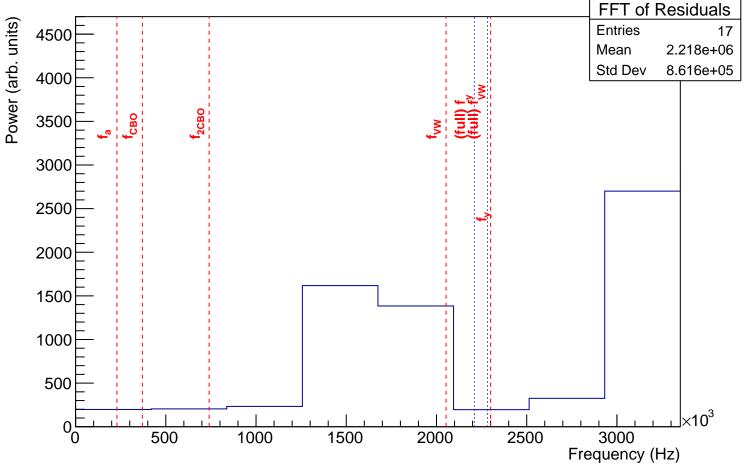
69

69.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 5000 2.034e+06 Mean 6.32e+05 Std Dev 4000 3000

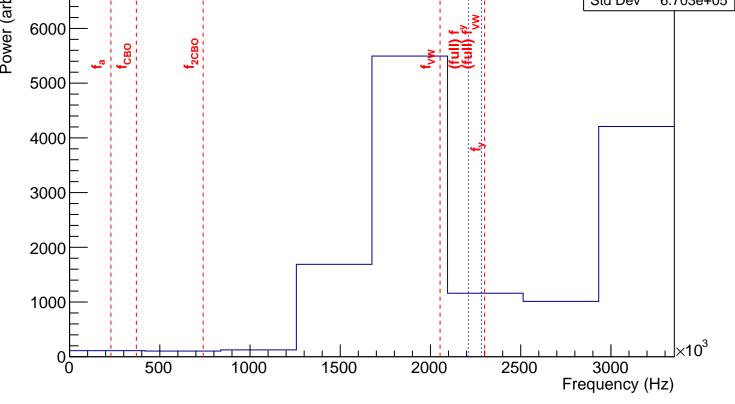




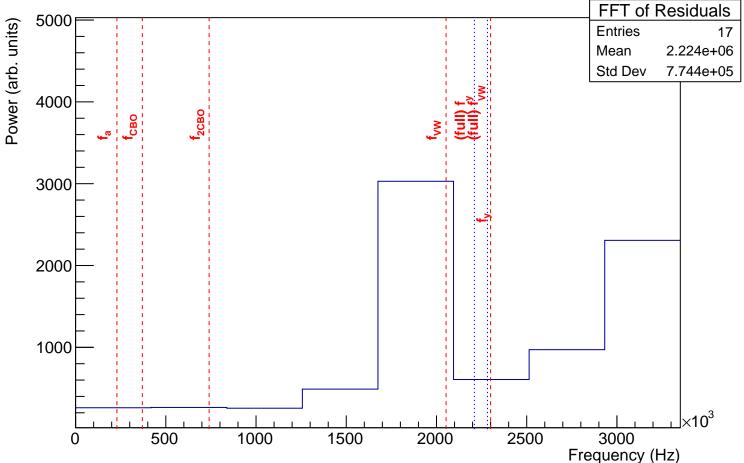


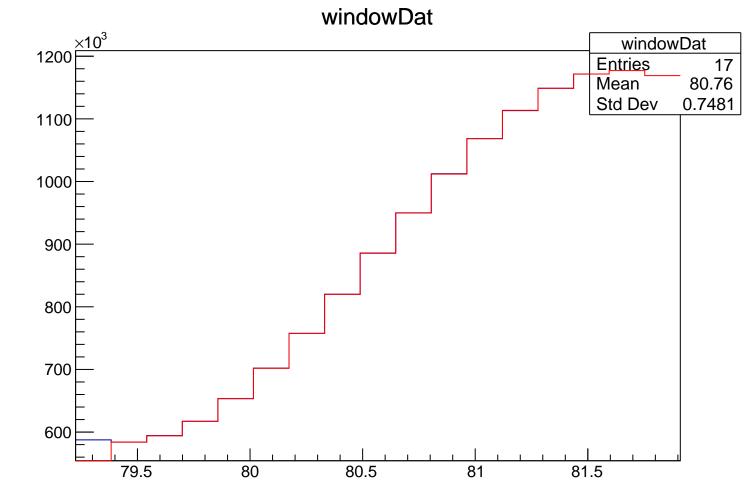
windowDat 1050 × 10<sup>3</sup> windowDat Entries 17 75.22 Mean 1000 Std Dev 0.8279 950 900 850 800 750 700 650 74 74.5 75 75.5 76.5 76

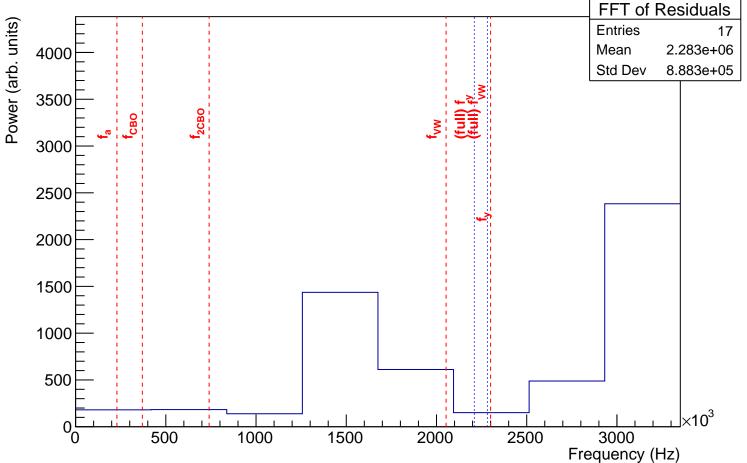
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 7000 2.28e+06 Mean Std Dev 6.703e+05 6000 5000 4000



windowDat ×10<sup>3</sup> windowDat Entries 17 Mean 77.74 1200 Std Dev 0.7336 1100 1000 900 800 700 77 77.5 78 78.5 79







windowDat  $\times 10^3$ windowDat Entries 17 1100 83.08 Mean Std Dev 0.7895 1000 900 800 700 600

83.5

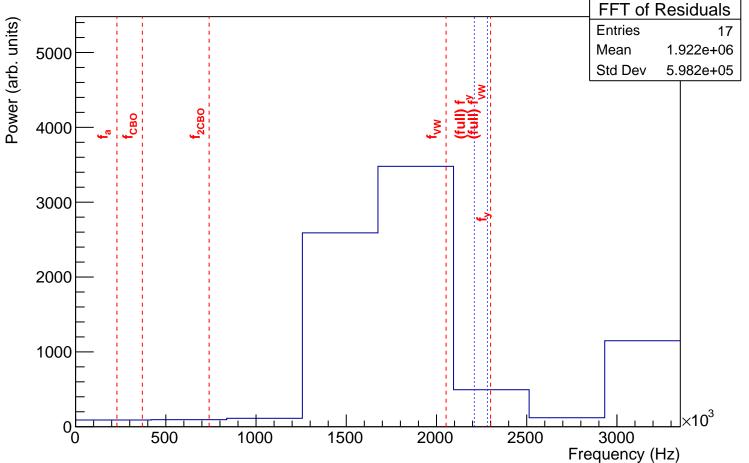
84

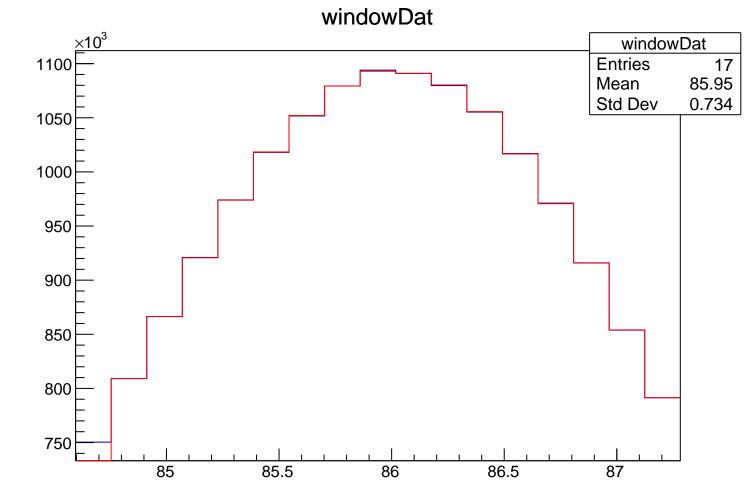
84.5

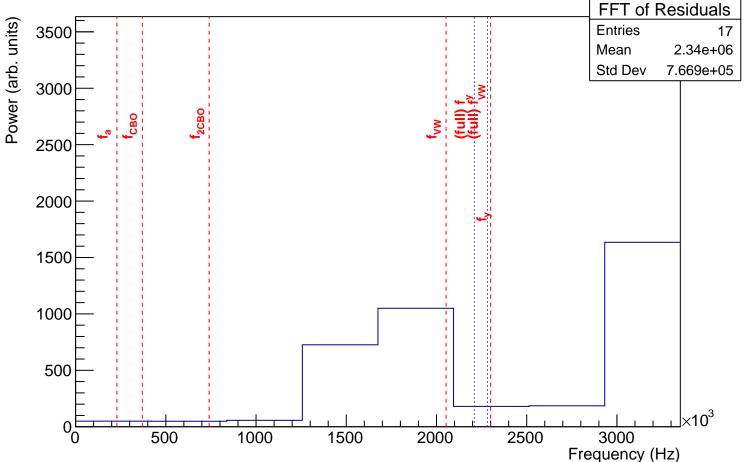
82

82.5

83







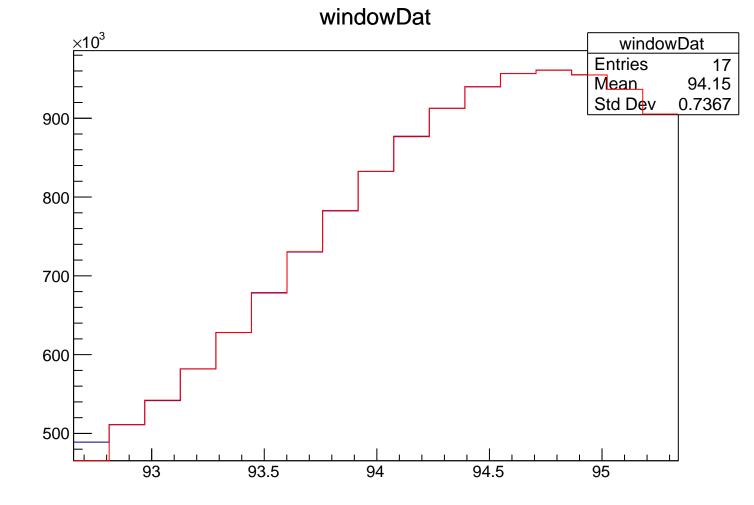
windowDat  $\times 10^3$ windowDat Entries 17 950 88.75 Mean Std Dev 0.8075 900 850 800 750 700 650 600 550 500 87.5 88 88.5 89 89.5

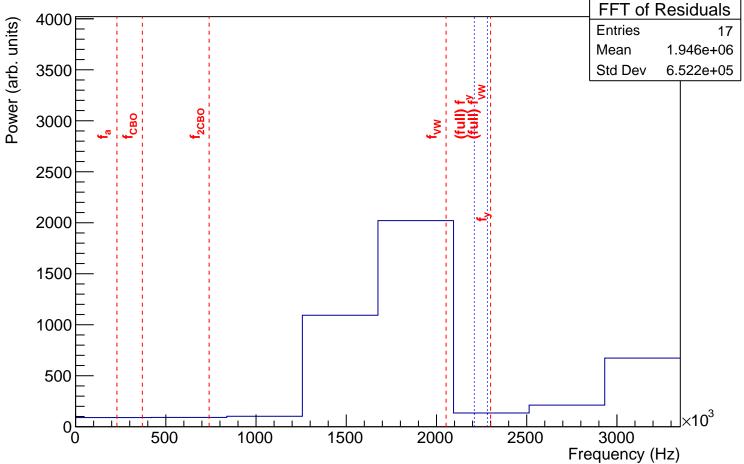
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.983e+06 Mean 3000 8.143e+05 Std Dev 2500 2000 1500 1000 500 500 1000 1500 2000 2500 3000

Frequency (Hz)

windowDat ×10<sup>3</sup> windowDat Entries 17 1000 91.12 Mean Std Dev 0.7396 900 800 700 600 500 92.5 90 90.5 91 91.5 92

FFT of Residuals Power (arb. units) **Entries** 1.862e+06 Mean Std Dev 5.906e+05 Frequency (Hz)





windowDat  $\times 10^3$ windowDat Entries 17 96.59 Mean 800 Std Dev 0.8198 750 700 650 600 550 500 450

97

97.5

98

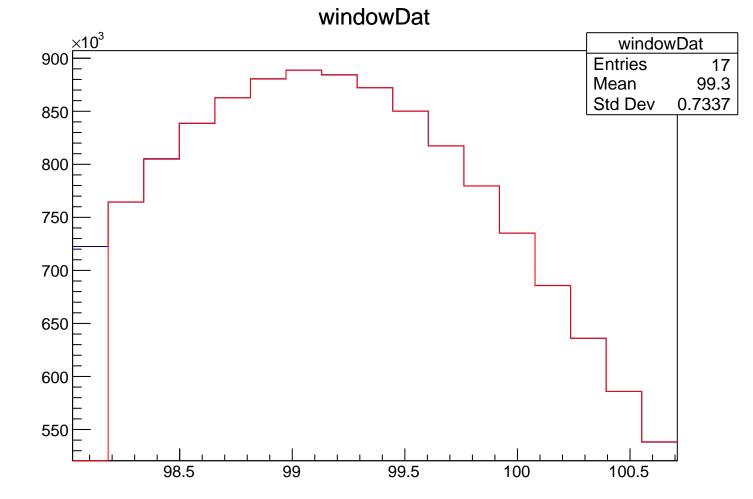
96.5

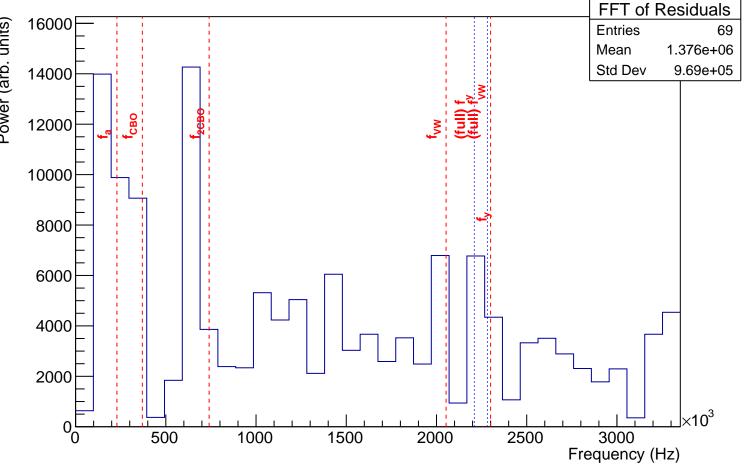
95.5

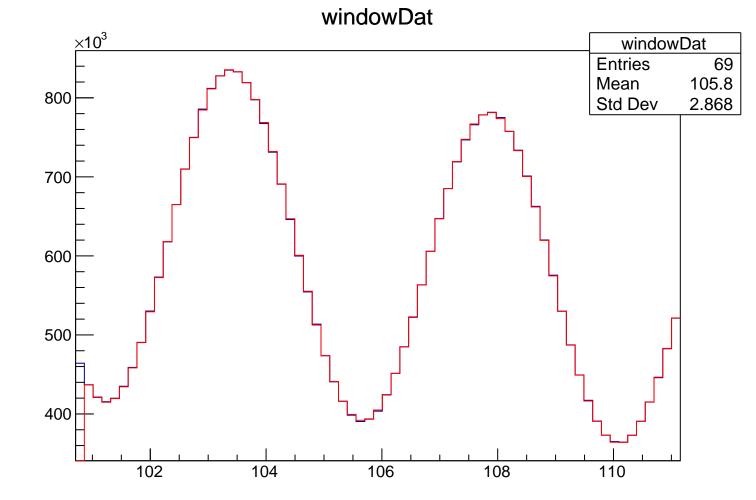
96

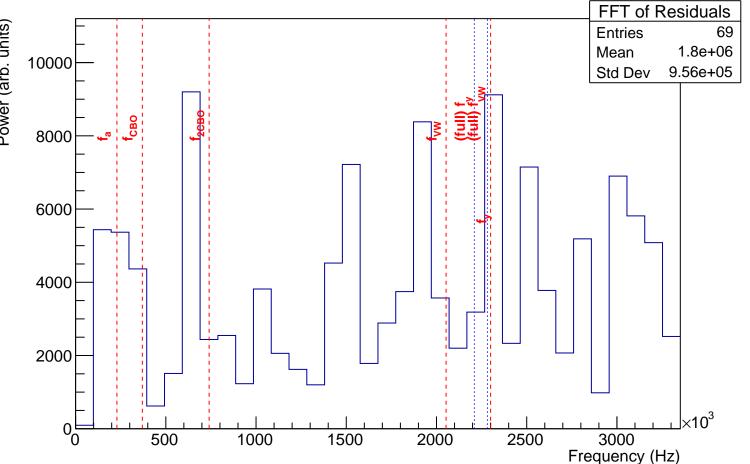
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.051e+06 Mean 3000 Std Dev 8.359e+05 2500 2000 1500 1000 500 500 1000 1500 2000 2500 3000

Frequency (Hz)

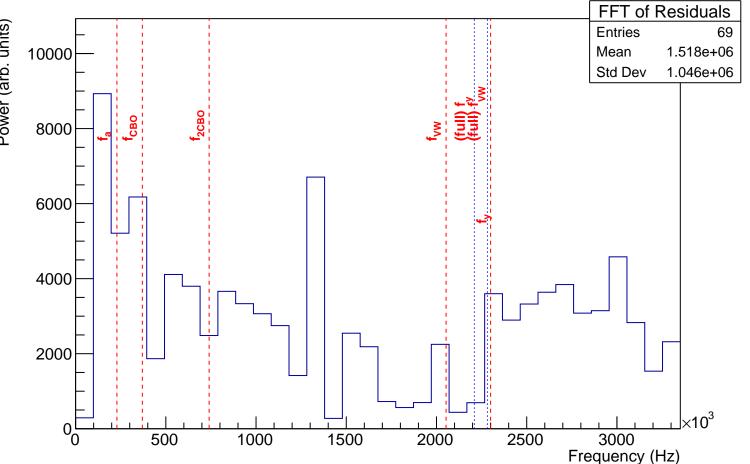


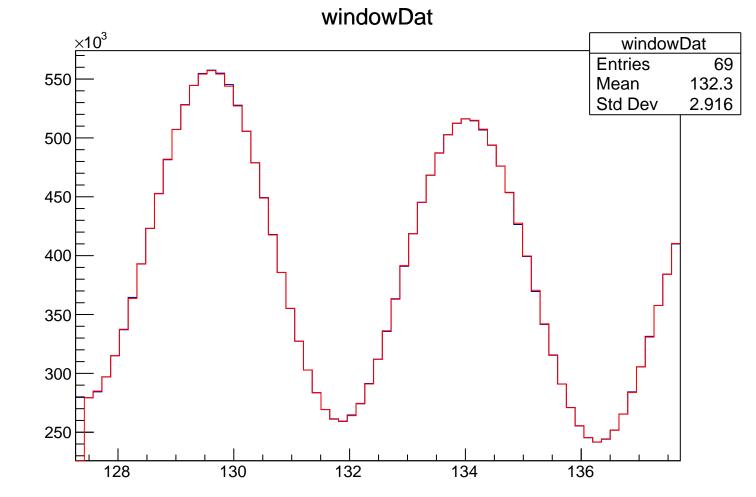


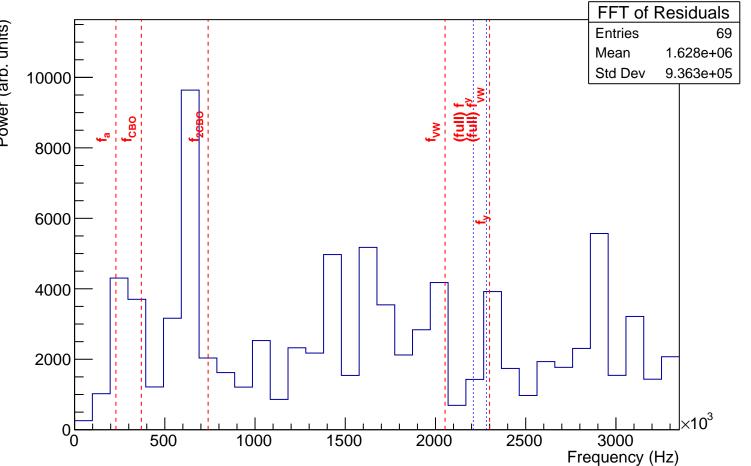




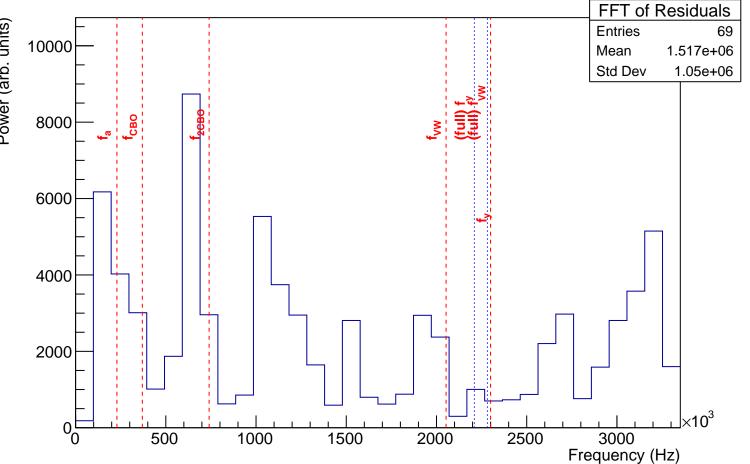
windowDat ×10<sup>3</sup> windowDat Entries 116.5 Mean Std Dev 3.148 

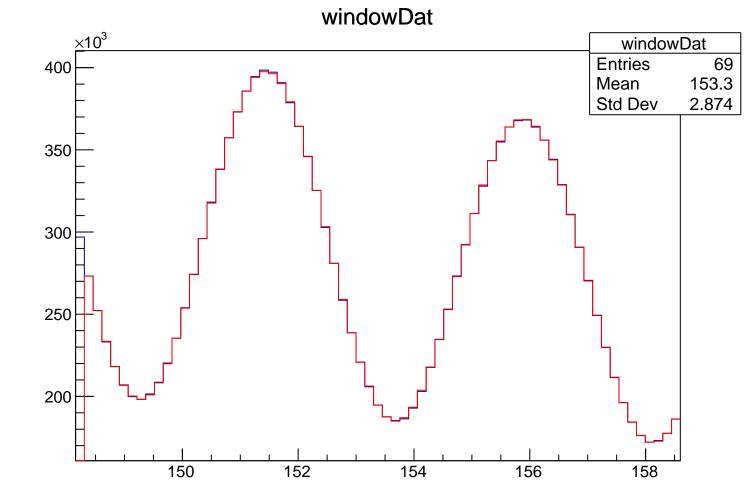






windowDat 500 ×10<sup>3</sup> windowDat Entries 142.8 Mean Std Dev 3.146 

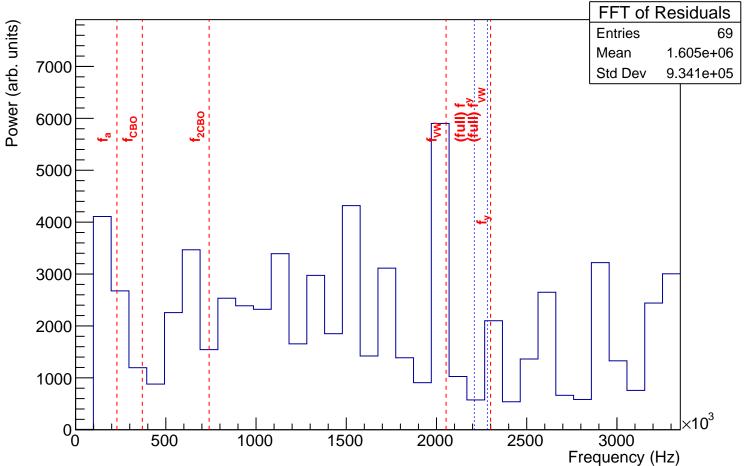




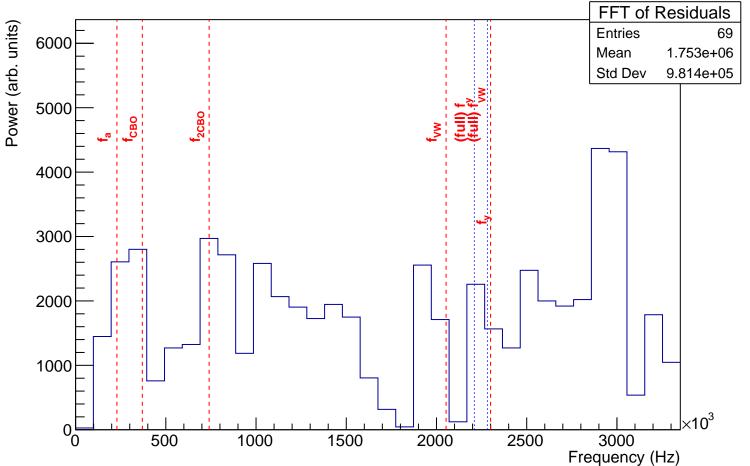
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 1.583e+06 8000 Mean Std Dev 9.88e+05 7000 CBO 6000 5000 4000 3000 2000 1000 3000 500 1000 1500 2000 2500

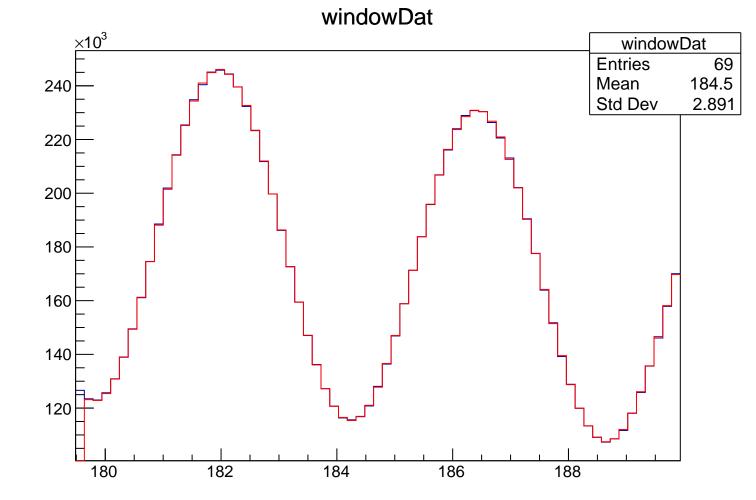
Frequency (Hz)

windowDat ×10<sup>3</sup> windowDat 350 Entries 69 163.6 Mean Std Dev 3.071 300 250 200 150 166 160 162 164 168

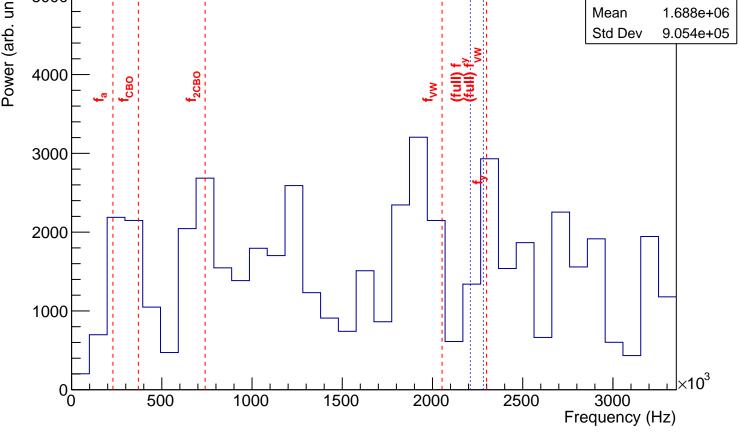


windowDat windowDat Entries Mean 174.2 Std Dev 3.047 





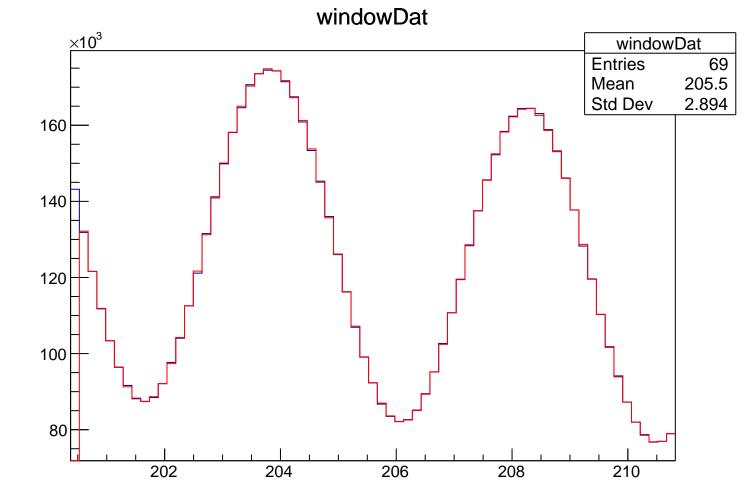
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 5000 69 Mean 1.688e+06 9.054e+05 Std Dev 4000 3000 2000

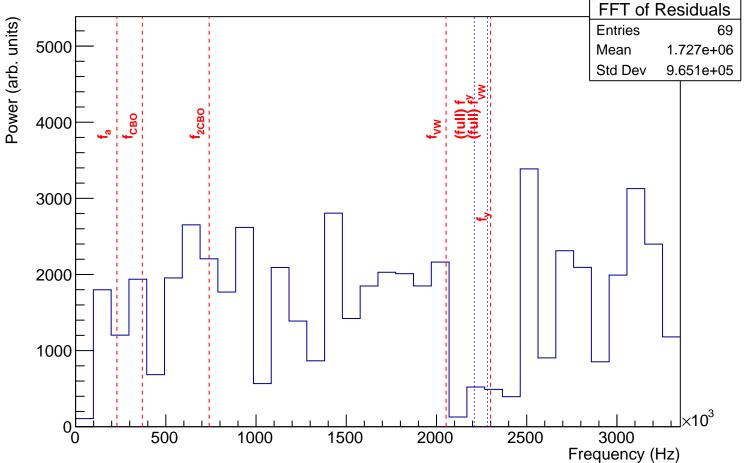


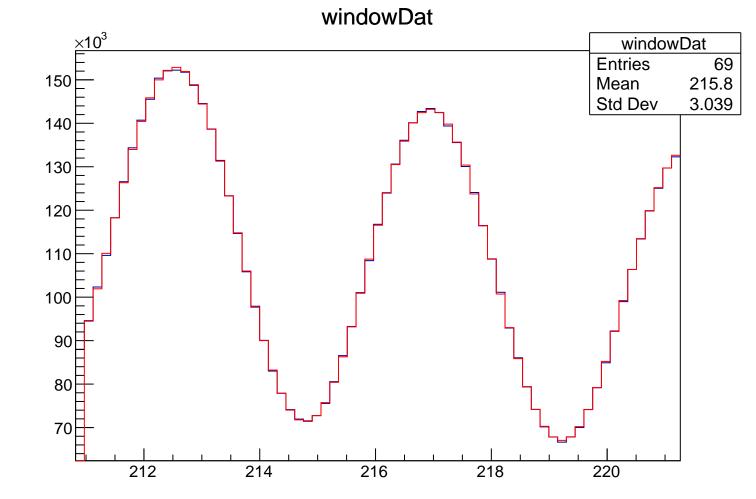
windowDat ×10<sup>3</sup> windowDat Entries Mean Std Dev 3.149 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 1.765e+06 Mean 5000 9.41e+05 Std Dev 4000 3000 2000 1000 3000 500 1000 1500 2000 2500

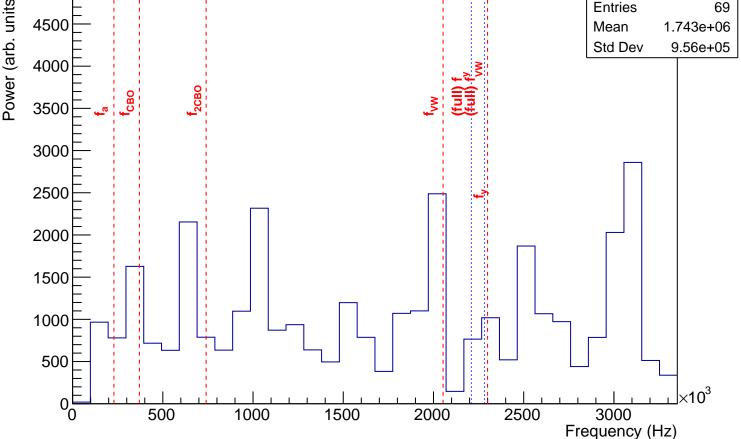
Frequency (Hz)

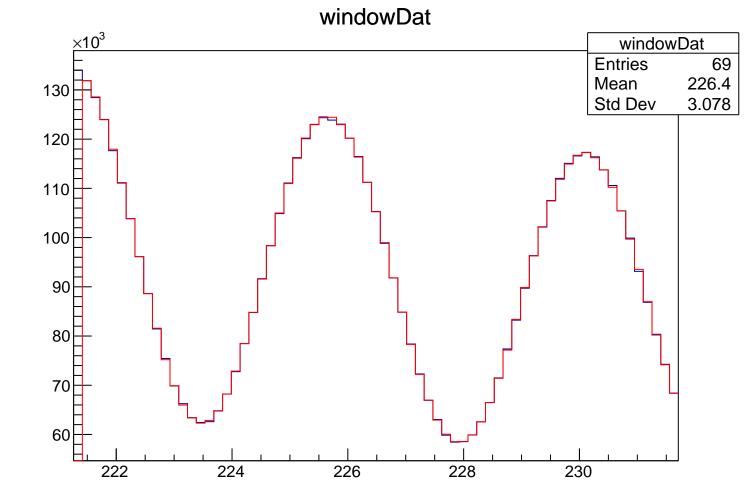




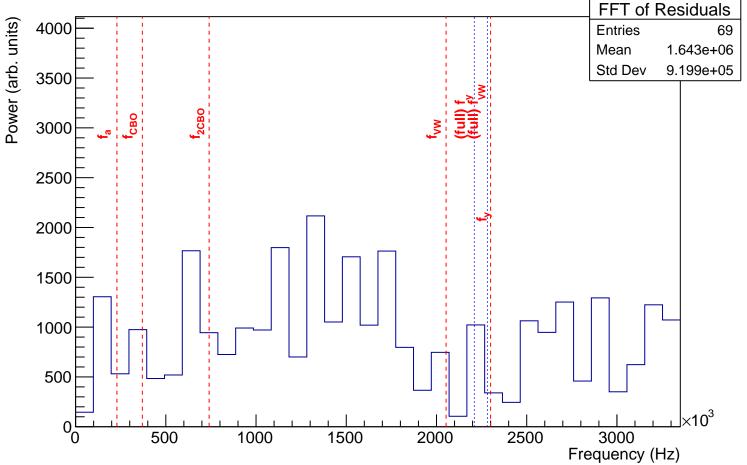


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 4500 Mean Std Dev 4000

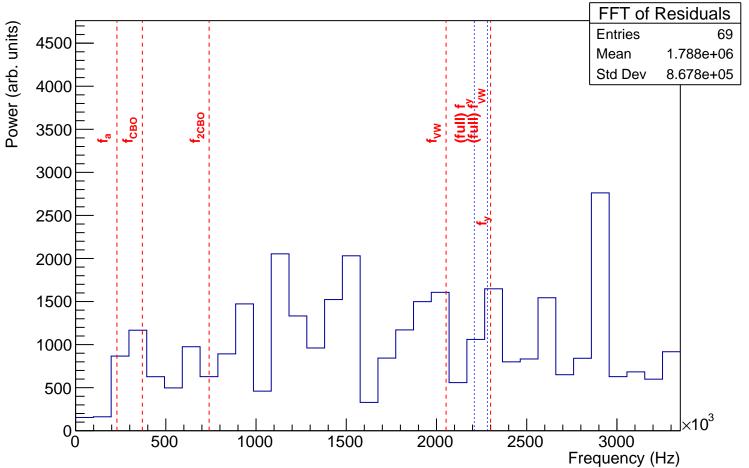


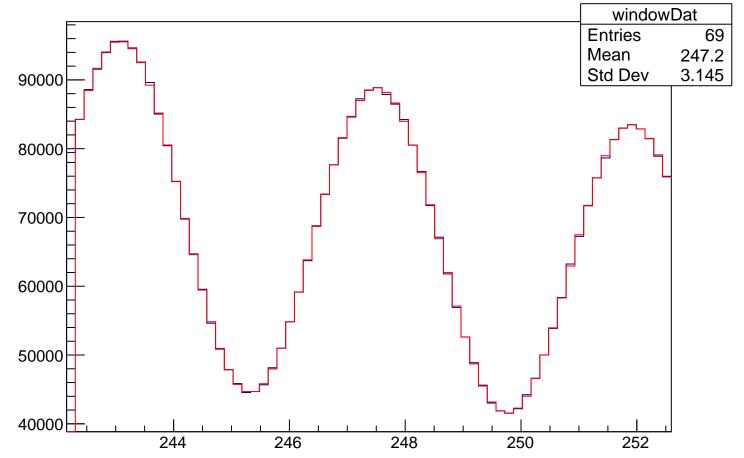


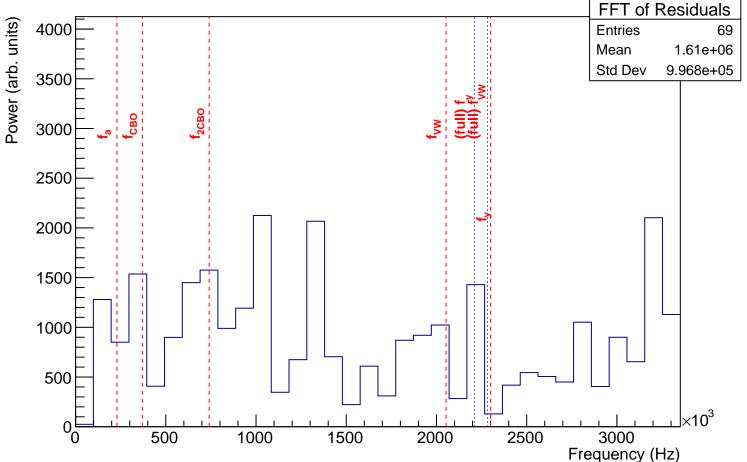
FFT of Residuals



windowDat  $\times 10^3$ windowDat Entries 236.8 Mean Std Dev 2.87 



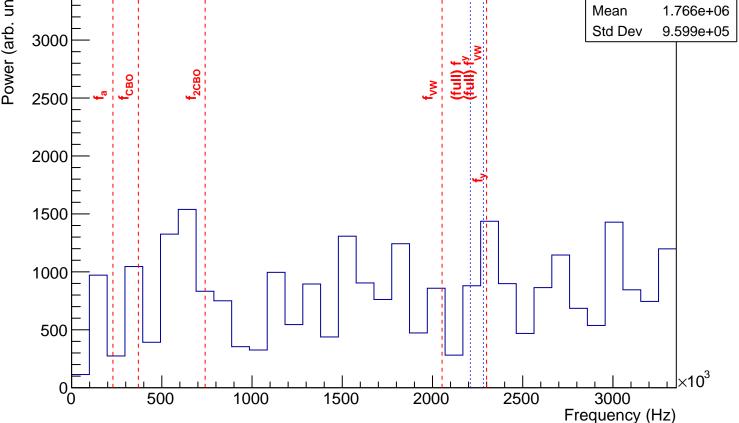




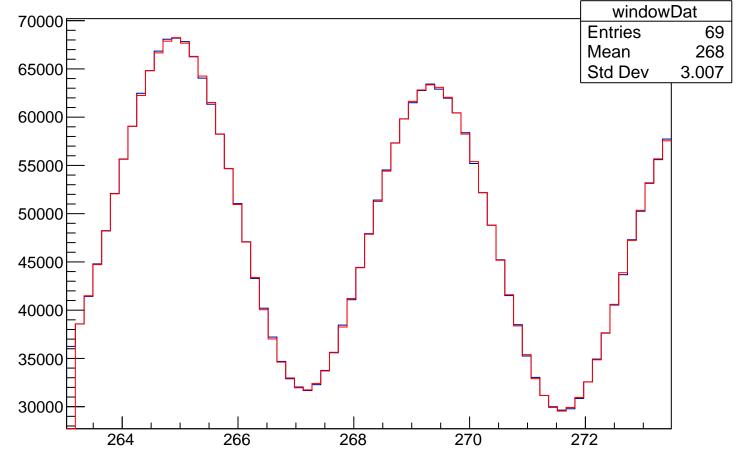
windowDat windowDat 80000F **Entries** Mean 257.7 Std Dev 2.92 

FFT of Residuals FFT of Residuals 3500 Power (arb. units) **Entries** Mean Std Dev 3000

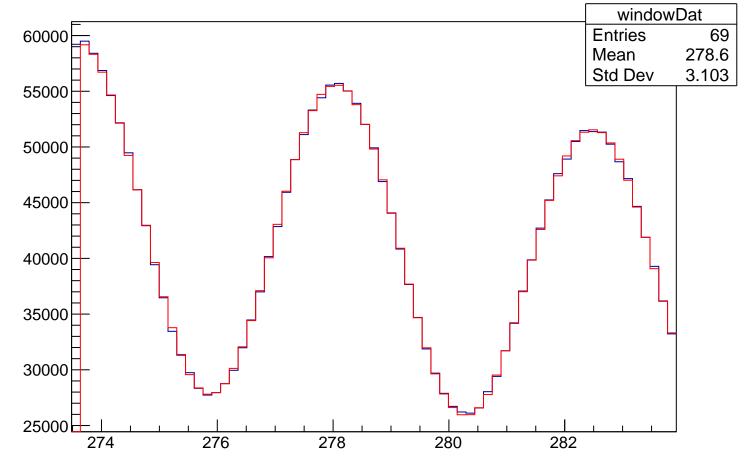
69



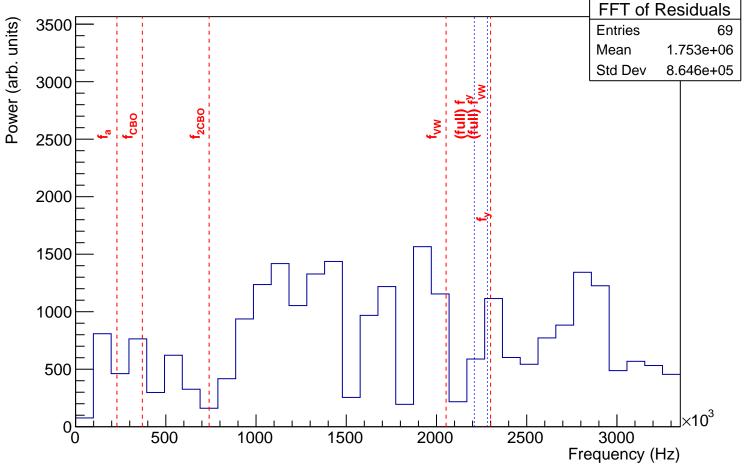




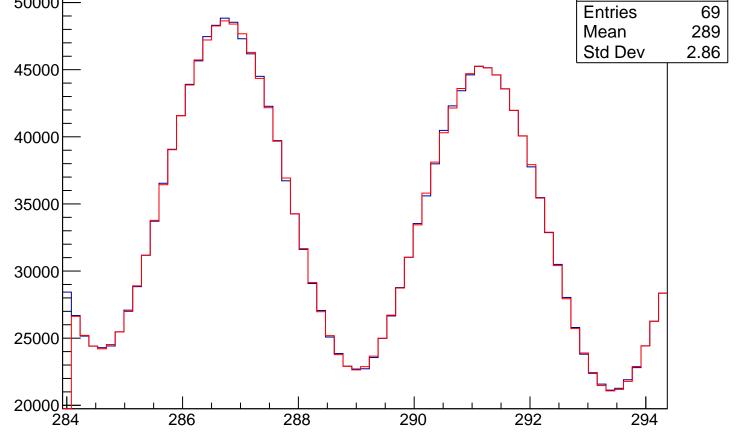
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.706e+06 9.842e+05 Std Dev Frequency (Hz)



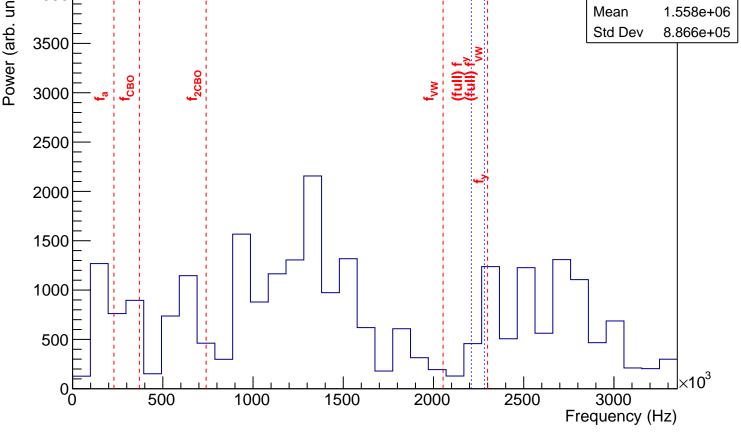
FFT of Residuals

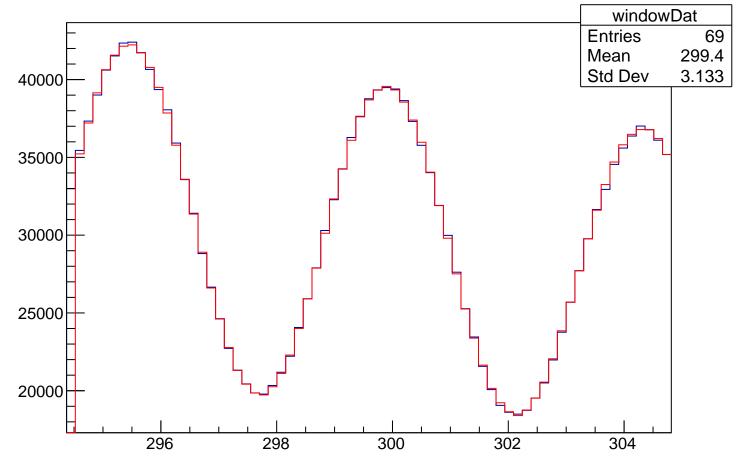


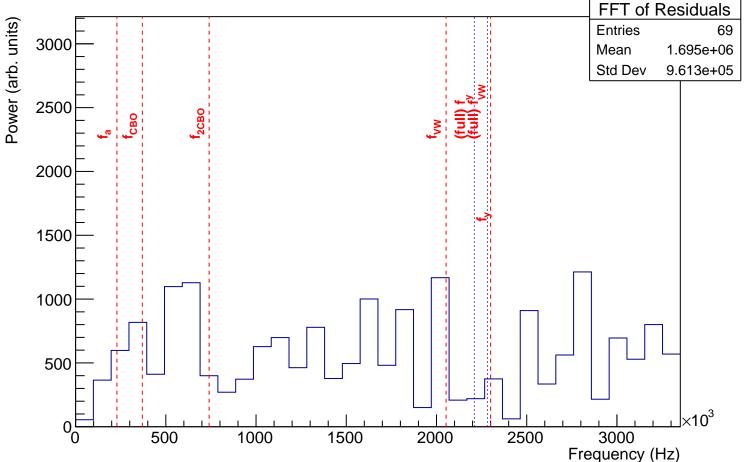
windowDat windowDat 50000F **Entries** 69 289 Mean 2.86 Std Dev 45000 40000 35000 30000

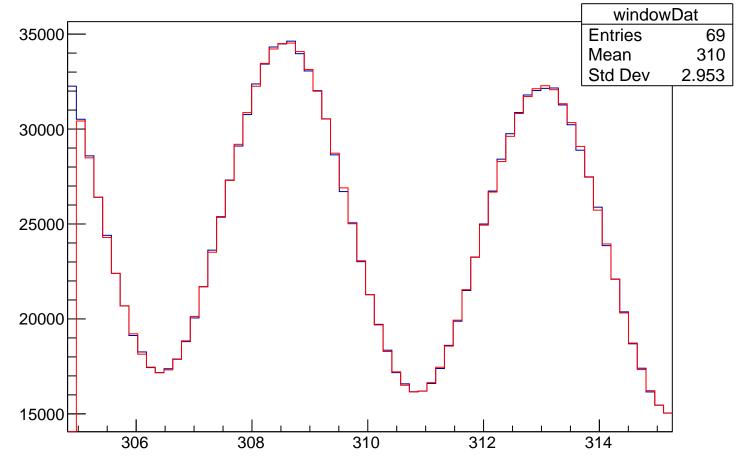


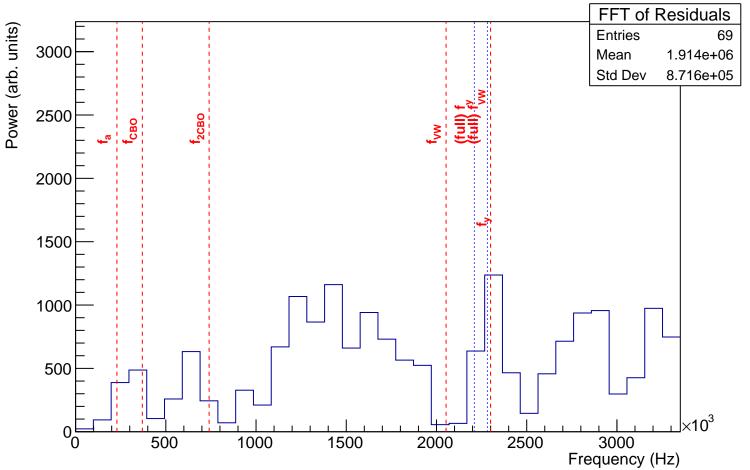
FFT of Residuals FFT of Residuals Power (arb. units) 4000 **Entries** 69 1.558e+06 Mean Std Dev 8.866e+05 3500 3000 2500 2000

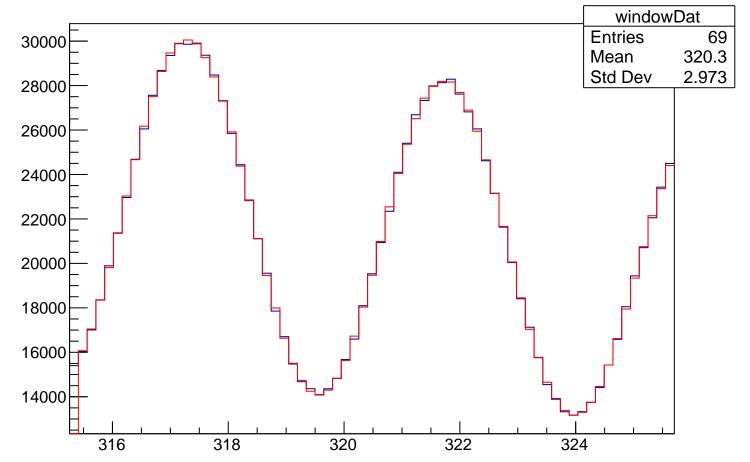


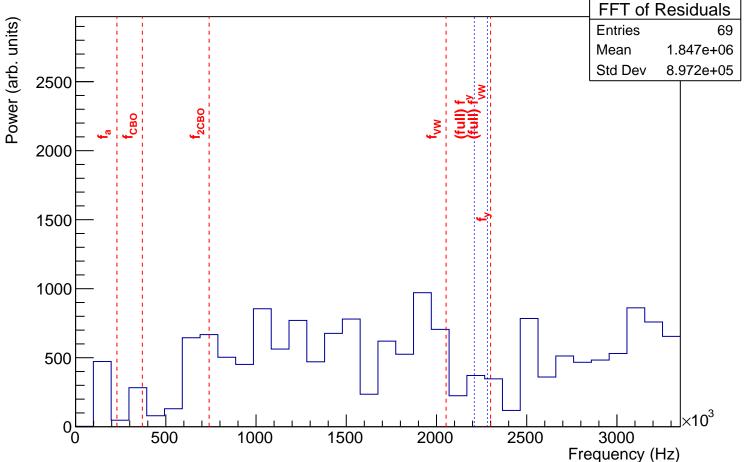


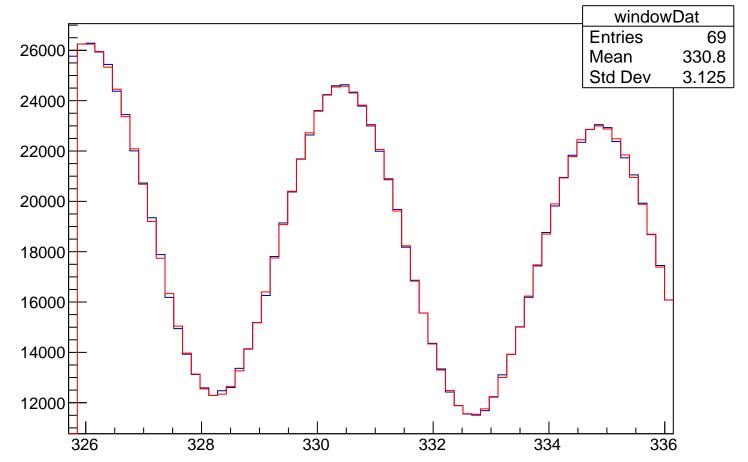


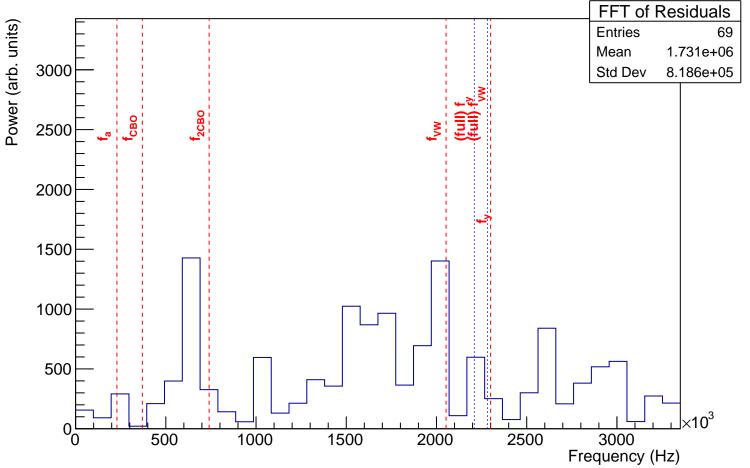


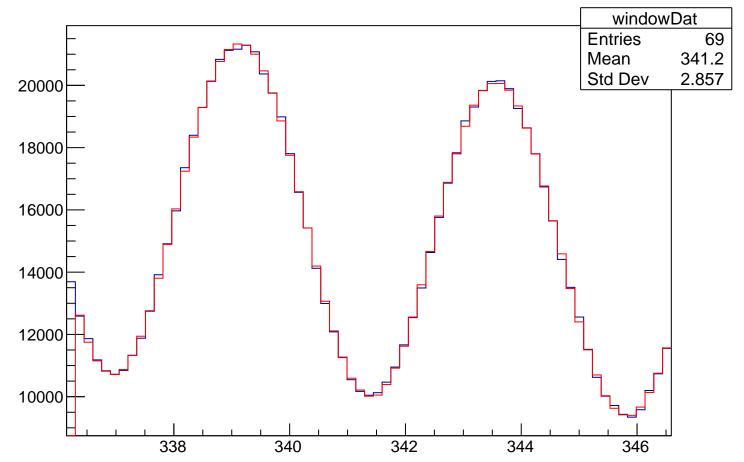


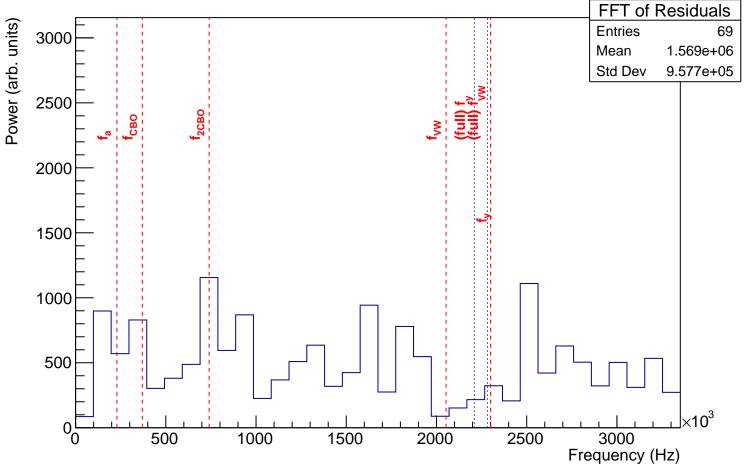












windowDat windowDat Entries 351.6 Mean 3.117 Std Dev 

