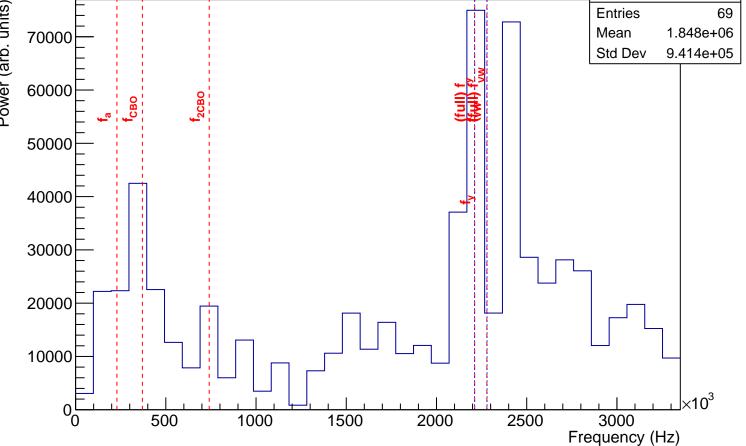
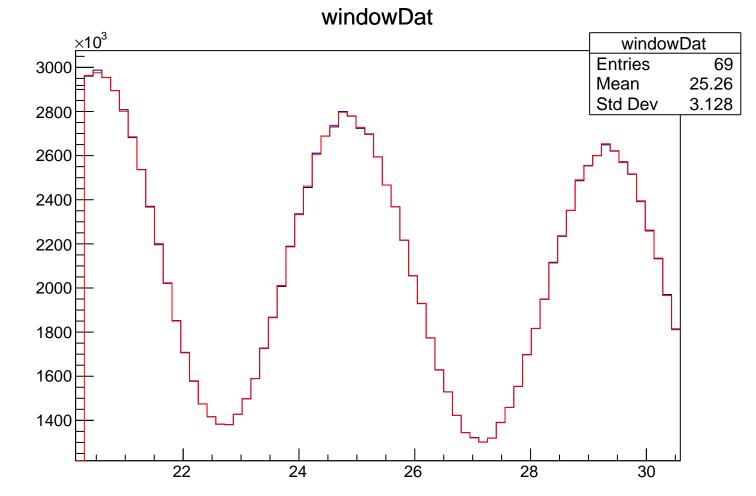
FFT of Residuals FFT of Residuals **Entries** Mean 1.848e+06 70000 9.414e+05 Std Dev 60000 50000 40000 30000

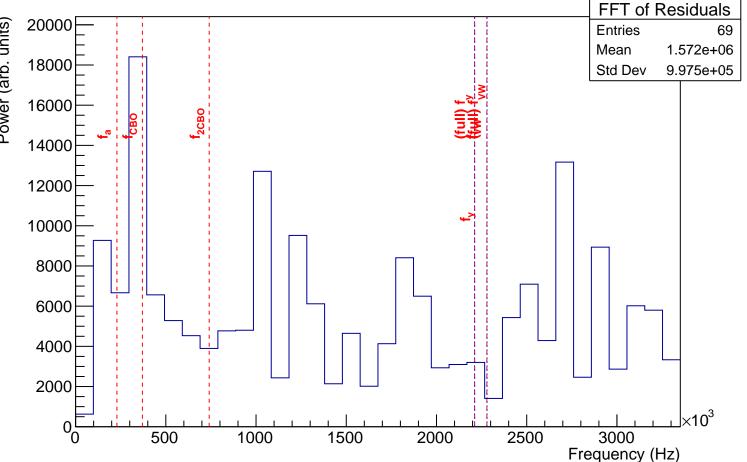




FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.756e+06 Mean 16000 Std Dev 8.954e+05 14000 12000 10000 8000 6000 4000 2000 0, 500 1000 1500 2000 2500 3000 Frequency (Hz)

windowDat ×10<sup>3</sup> windowDat Entries 35.69 Mean 2.855 Std Dev 

FFT of Residuals 20000



windowDat 2200 ×10<sup>3</sup> windowDat Entries 69 46.06 Mean Std Dev 3.116 2000 1800 1600 1400 1200 1000

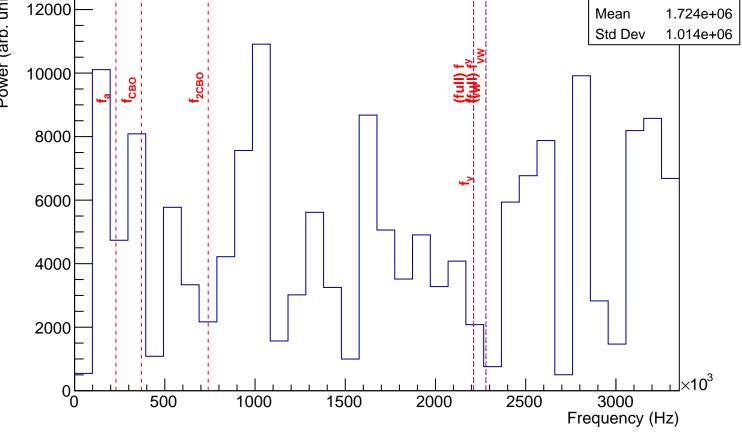
46

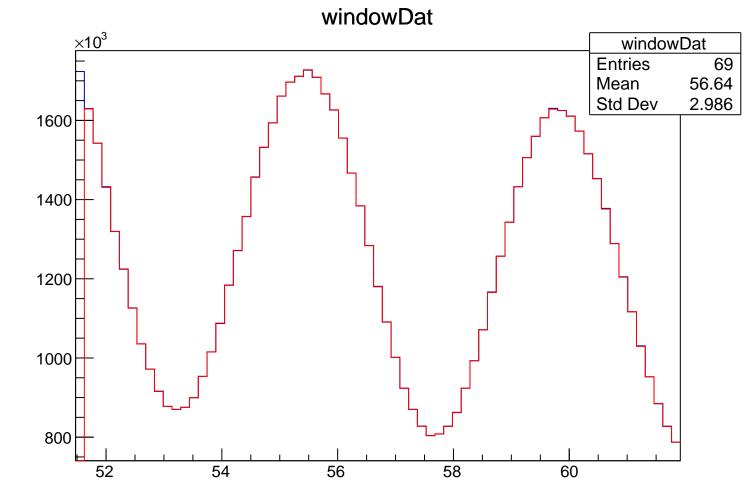
48

50

42

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 12000 Mean 1.724e+06 1.014e+06 Std Dev 10000 8000 6000





FFT of Residuals FFT of Residuals **Entries** Mean 1.831e+06 9.241e+05 Std Dev 

windowDat ×10<sup>3</sup> windowDat Entries 66.94 Mean 2.938 Std Dev ш 62 

FFT of Residuals FFT of Residuals 12000 F **Entries** Mean 1.994e+06 9.193e+05 Std Dev 10000 8000 6000 4000 2000 0, 3000 500 1000 1500 2000 2500

windowDat ×10<sup>3</sup> windowDat Entries Mean 77.44 Std Dev 3.149 

FFT of Residuals FFT of Residuals 12000 **Entries** Mean 1.827e+06 Std Dev 9.536e+05 10000 8000 6000 4000 2000

1500

2000

2500

3000

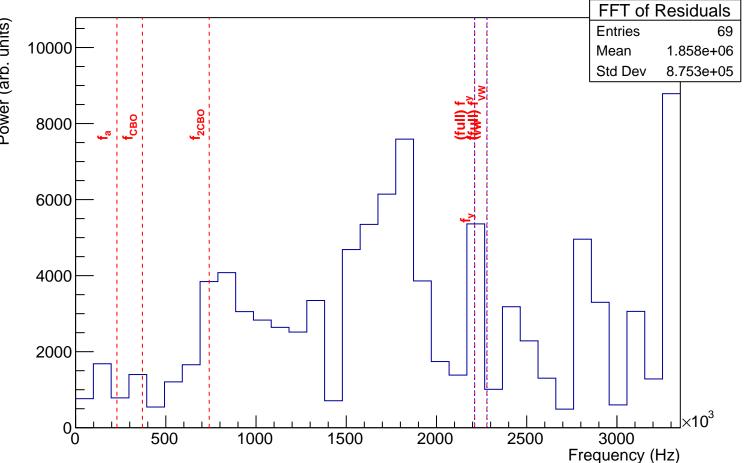
Frequency (Hz)

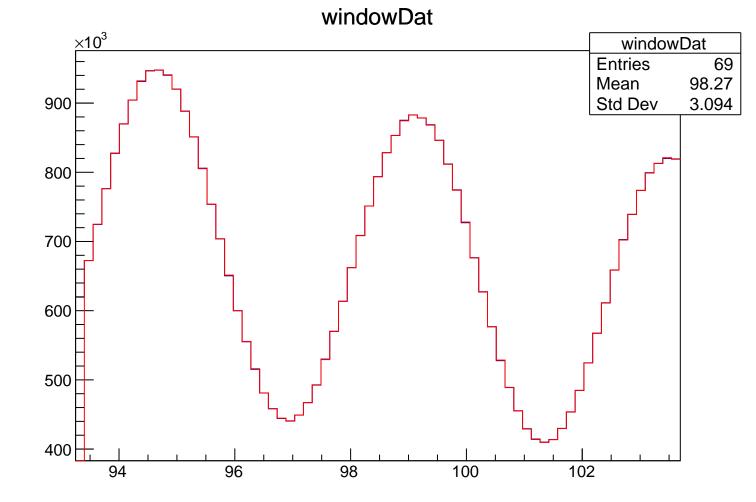
0,

500

windowDat  $\times 10^3$ windowDat Entries 87.92 Mean Std Dev 2.862 

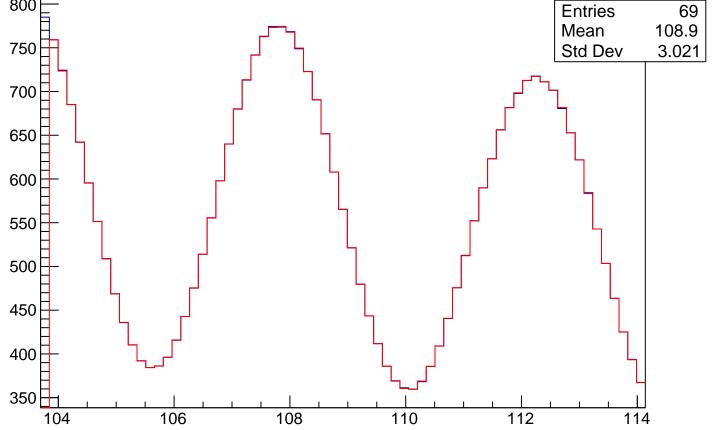
FFT of Residuals



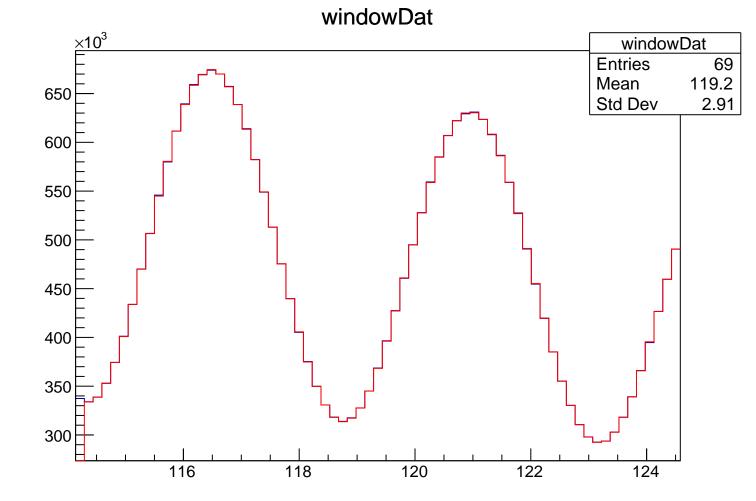


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.852e+06 9.219e+05 Std Dev 

windowDat windowDat 800 Entries 69 108.9 Mean 750 3.021 Std Dev 700 650 600 550 500



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.912e+06 Std Dev 8.884e+05 O<sub>O</sub> Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.918e+06 Std Dev 7.941e+05 

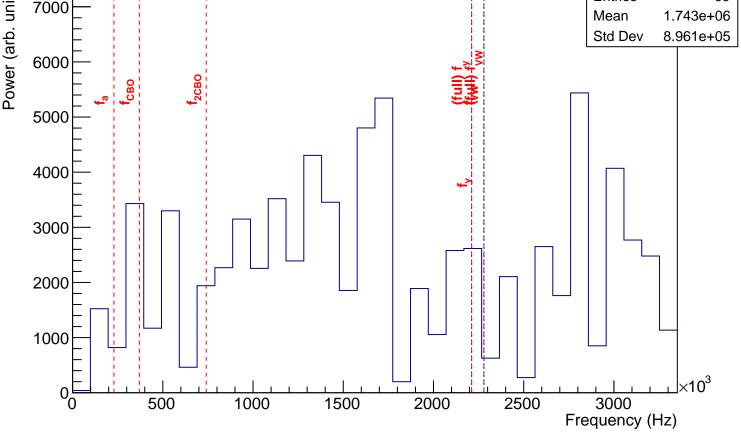
Frequency (Hz)

windowDat 600 ×10<sup>3</sup> windowDat Entries 129.7 Mean Std Dev 3.147 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 7000 Mean 1.823e+06 9.634e+05 Std Dev 6000 5000 4000 3000 2000 1000 0, 3000 500 1000 1500 2000 2500

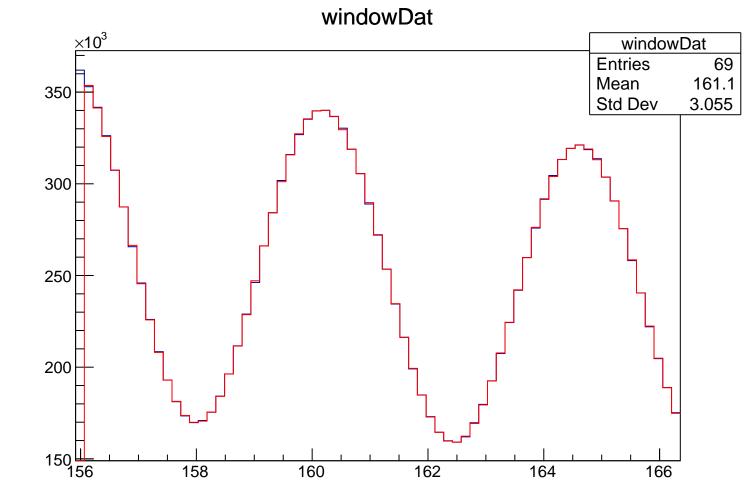
windowDat ×10<sup>3</sup> windowDat Entries 69 140.2 Mean Std Dev 2.877 450 400 350 300 250 200 136 138 140 142 144

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 7000 Mean 1.743e+06 8.961e+05 Std Dev 6000 5000 4000

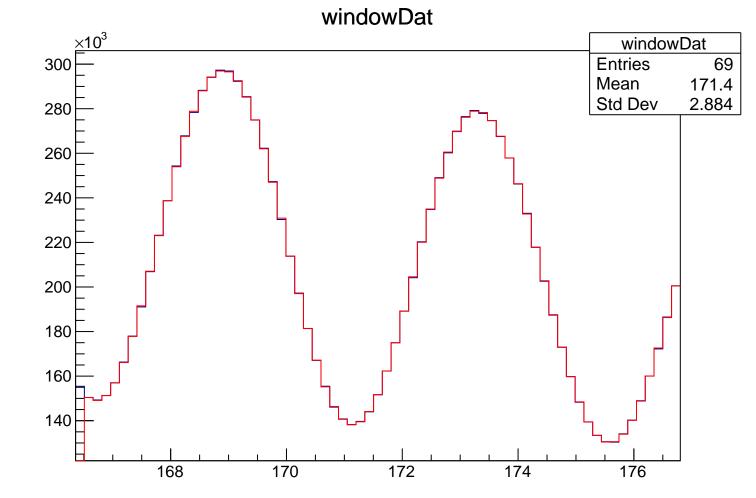


windowDat ×10<sup>3</sup> windowDat Entries 69 150.5 Mean 400 Std Dev 3.063 350 300 250 200 146 148 150 152 154

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.88e+06 8.837e+05 Std Dev 



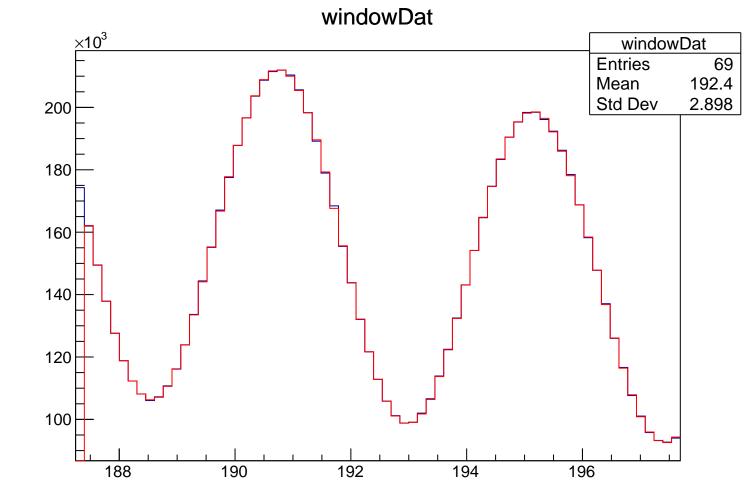
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.914e+06 5000 8.971e+05 Std Dev 4000 3000 2000 1000 0, 3000 500 1000 1500 2000 2500



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.861e+06 9.33e+05 Std Dev 

windowDat ×10<sup>3</sup> windowDat Entries 181.9 Mean Std Dev 3.151 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.877e+06 5000 9.13e+05 Std Dev 4000 3000 2000 1000 3000 500 1000 1500 2000 2500



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.631e+06 5000 9.097e+05 Std Dev 4000 3000 2000 1000

1500

2000

2500

3000

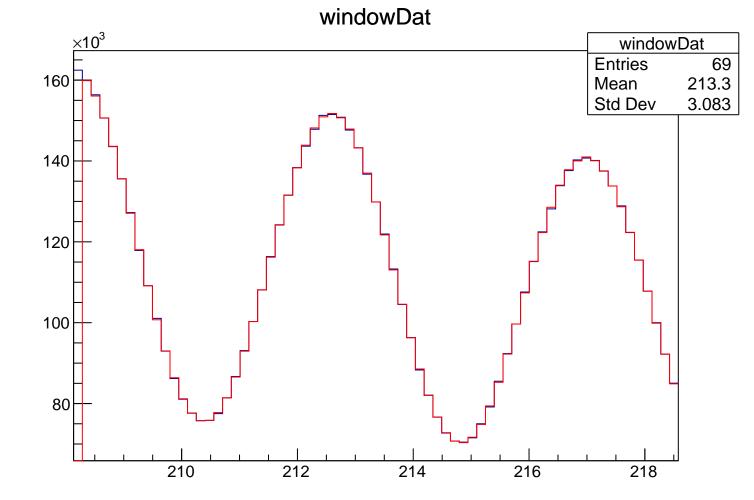
Frequency (Hz)

0,

500

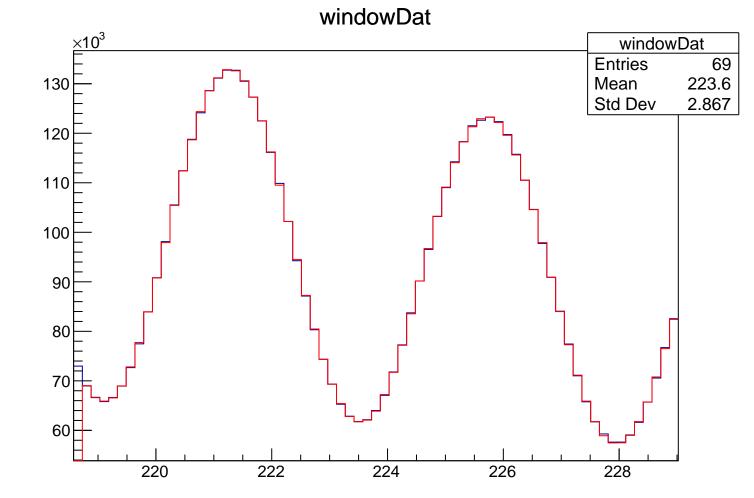
windowDat ×10<sup>3</sup> windowDat Entries 202.7 Mean Std Dev 3.033 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.931e+06 9.512e+05 Std Dev Frequency (Hz)



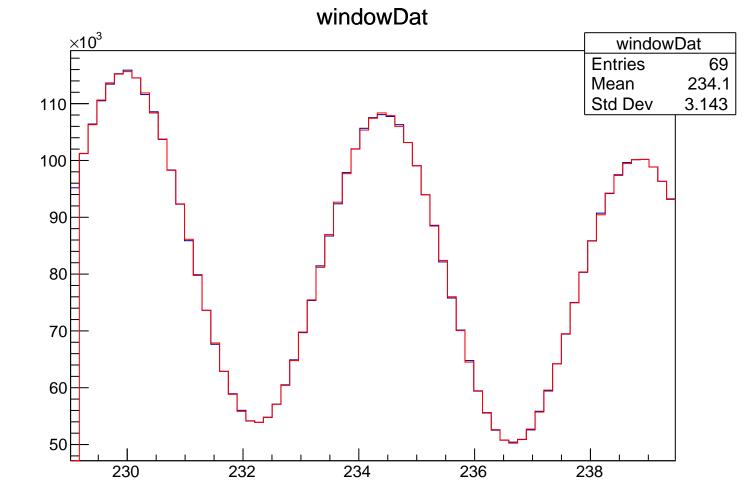
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.718e+06 9.482e+05 Std Dev 

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.826e+06 Mean Std Dev 7.697e+05 0, 

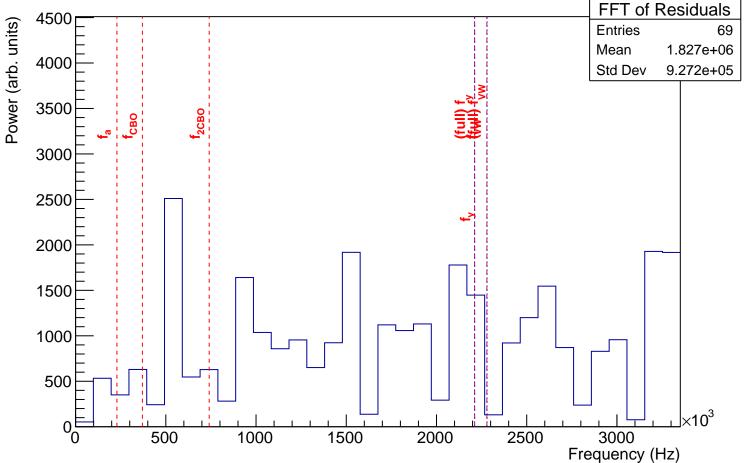
Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.688e+06 9.803e+05 Std Dev Frequency (Hz)

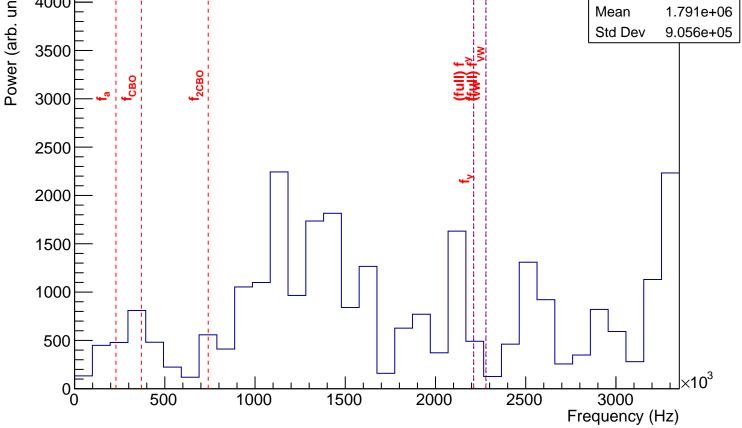
windowDat windowDat Entries 244.6 Mean 2.928 Std Dev 

FFT of Residuals



windowDat windowDat Entries 254.9 Mean Std Dev 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 4000 Mean 1.791e+06 9.056e+05 Std Dev 3500 3000 2500 2000 1500



windowDat windowDat **Entries** 265.5 Mean 3.11 Std Dev 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.793e+06 3000 8.426e+05 Std Dev 2500 2000 1500 1000 500

1500

2000

2500

500

1000

3000

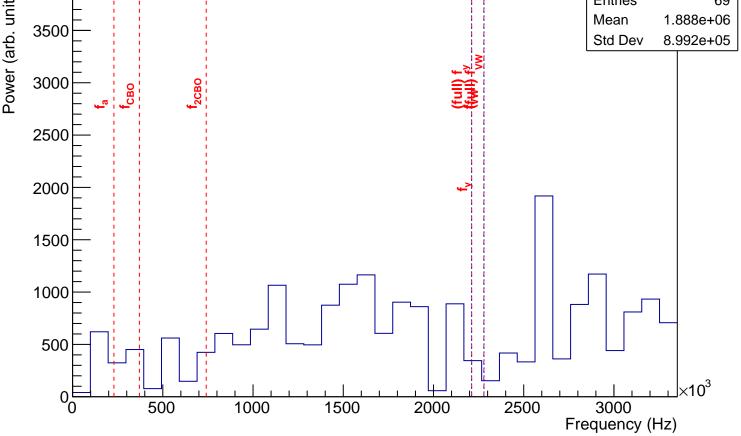
Frequency (Hz)

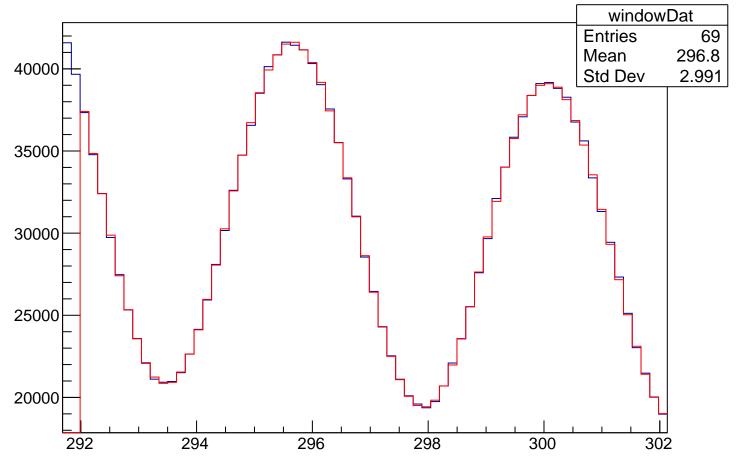
windowDat windowDat 60000<sub>f</sub> **Entries** 275.9 Mean Std Dev 2.857 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.812e+06 3000 9.17e+05 Std Dev 2500 2000 1500 1000 500 2000 3000 500 1000 1500 2500 Frequency (Hz)

windowDat windowDat Entries 286.3 Mean 3.131 Std Dev 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.888e+06 3500 8.992e+05 Std Dev 3000 2500 2000





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 3000 Mean 1.861e+06 8.344e+05 Std Dev 2500 2000 1500 1000 500

1500

500

1000

2000

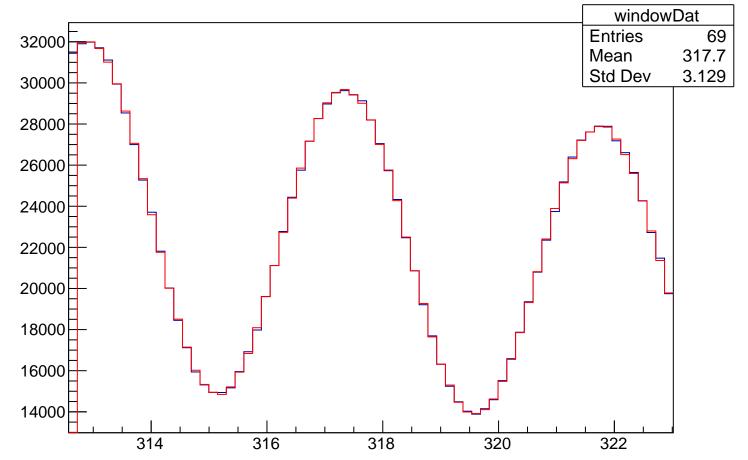
2500

3000

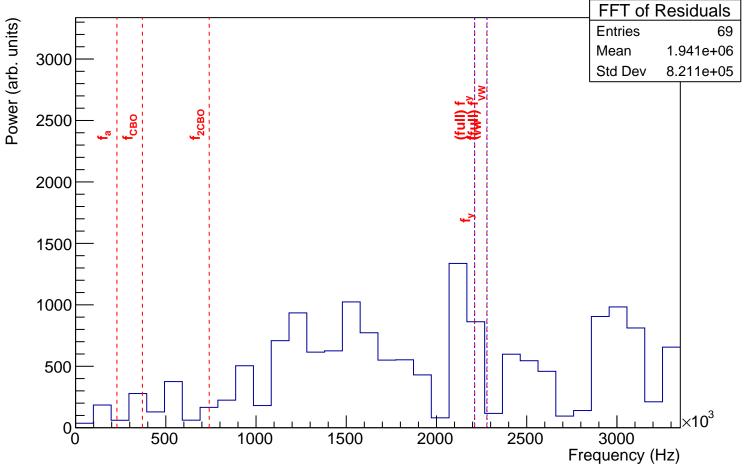
Frequency (Hz)

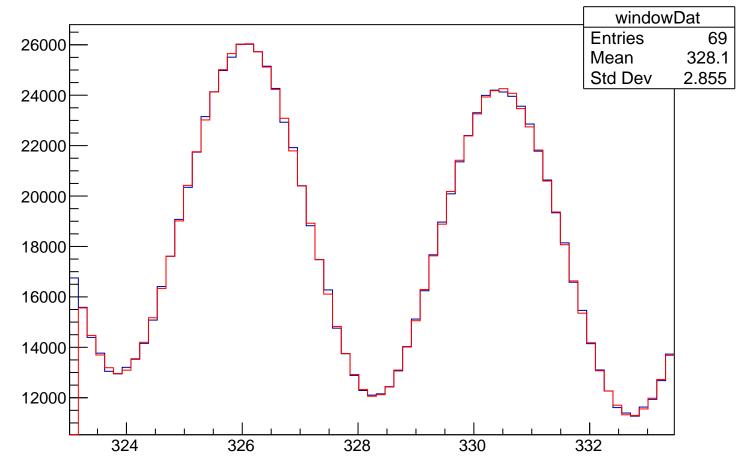
windowDat windowDat Entries 307.1 Mean Std Dev 2.964 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.819e+06 8.694e+05 Std Dev 2500 2000 1500 1000 500 0, 3000 500 1000 1500 2000 2500 Frequency (Hz)

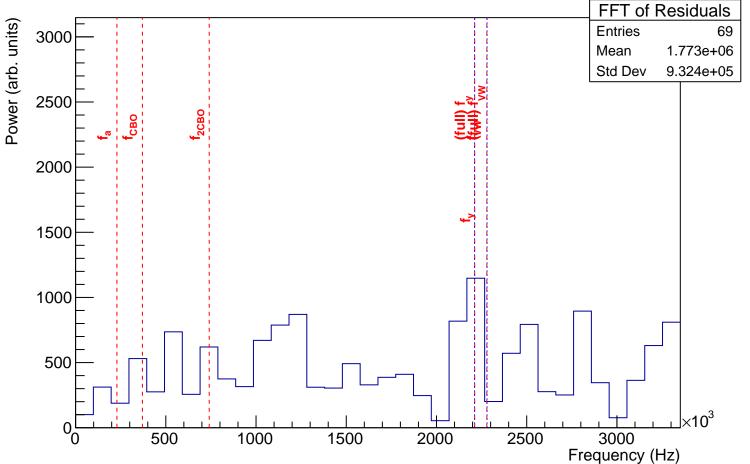


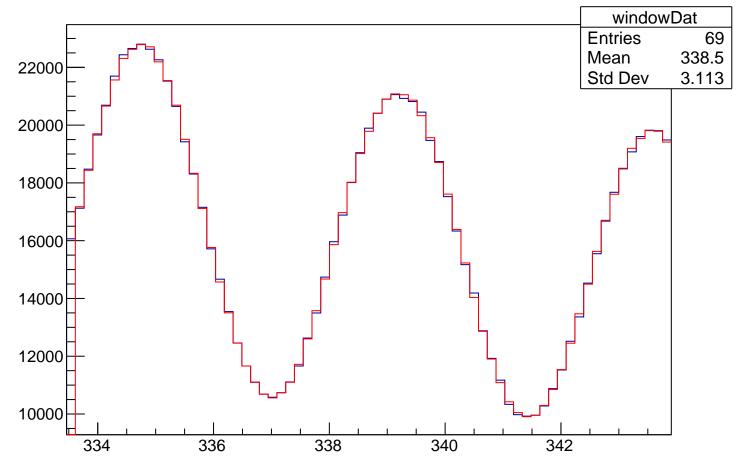
FFT of Residuals





FFT of Residuals





FFT of Residuals FFT of Residuals 3000 Power (arb. units) **Entries** 69 Mean 1.853e+06 9.125e+05 Std Dev 2500 2000 1500 1000 500

1500

1000

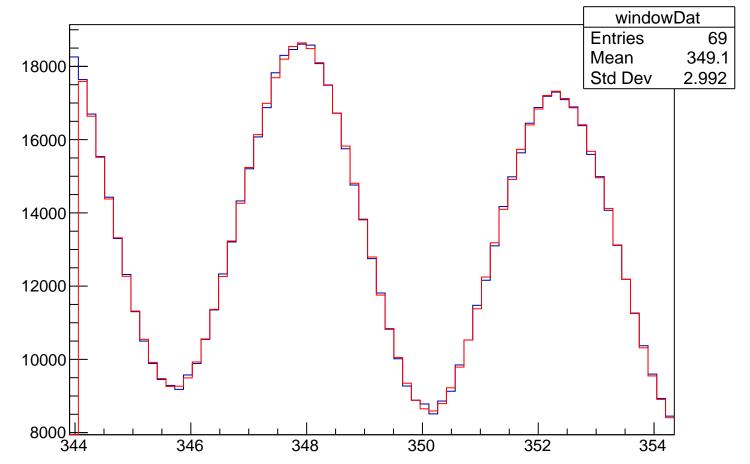
500

2500

2000

3000

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.681e+06 8.78e+05 Std Dev 2500 2000 1500 1000 500 0,

1500

1000

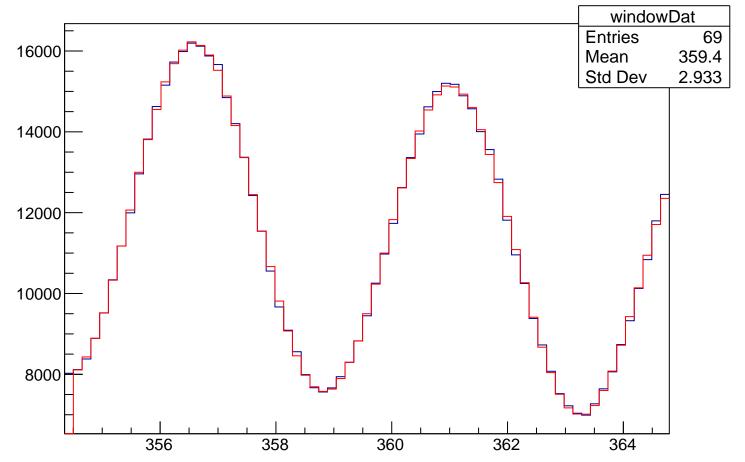
500

2000

2500

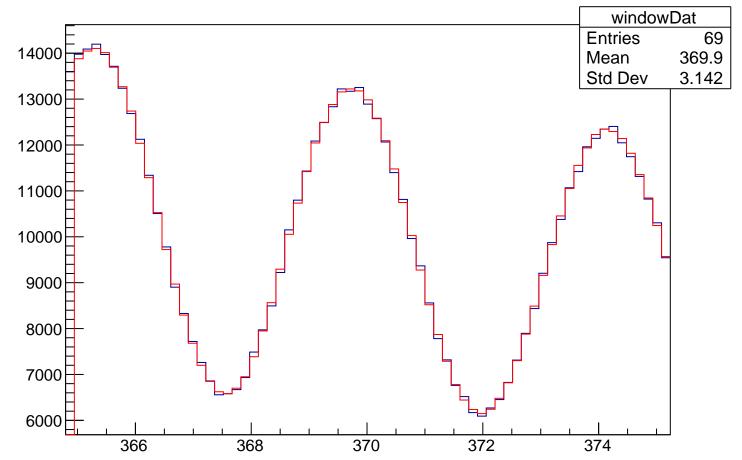
3000

Frequency (Hz)

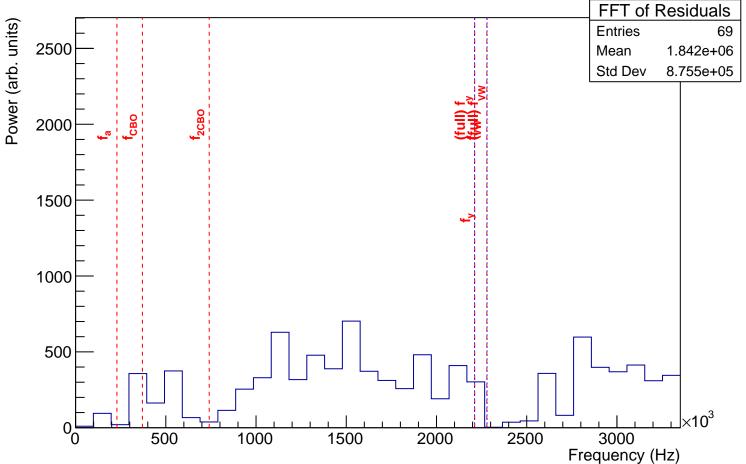


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.814e+06 9.144e+05 Std Dev r 

Frequency (Hz)

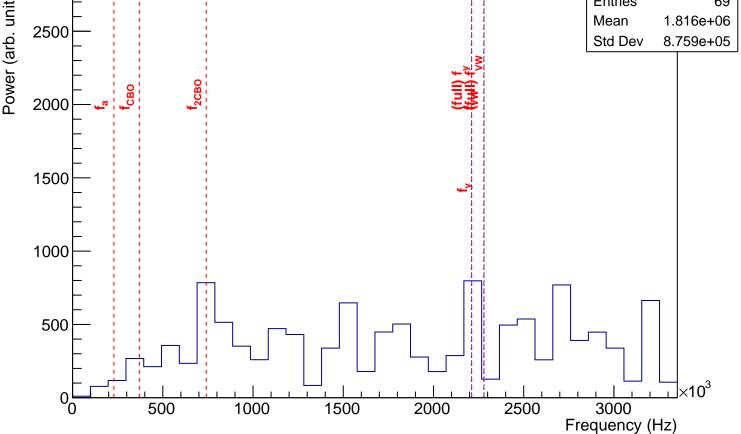


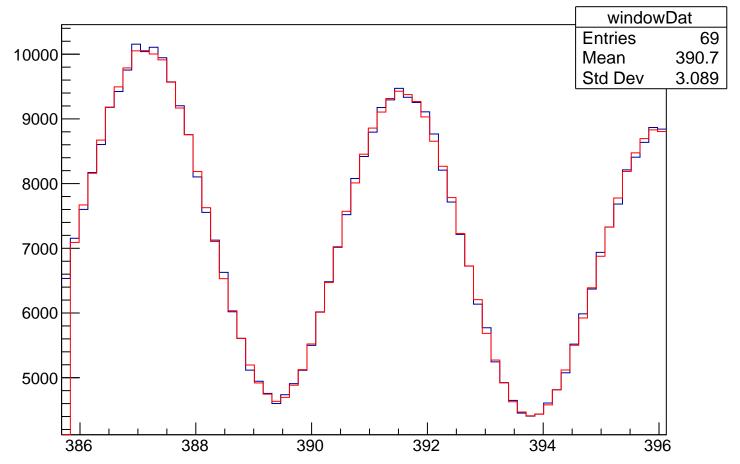
FFT of Residuals



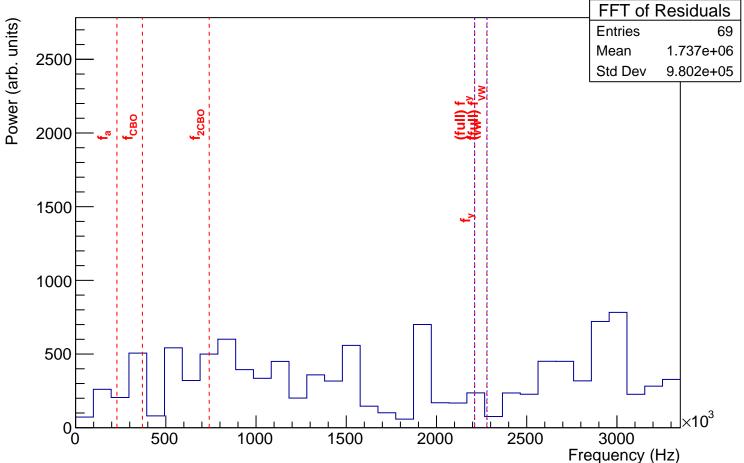
windowDat windowDat Entries 380.4 Mean 2.863 Std Dev 

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.816e+06 2500 8.759e+05 Std Dev 2000 1500

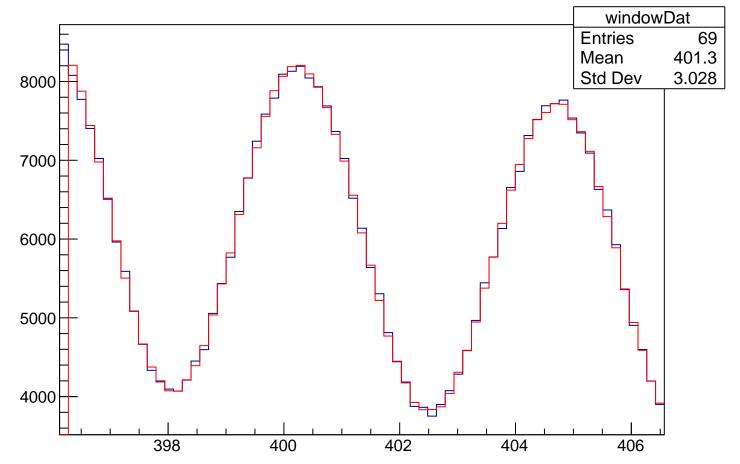




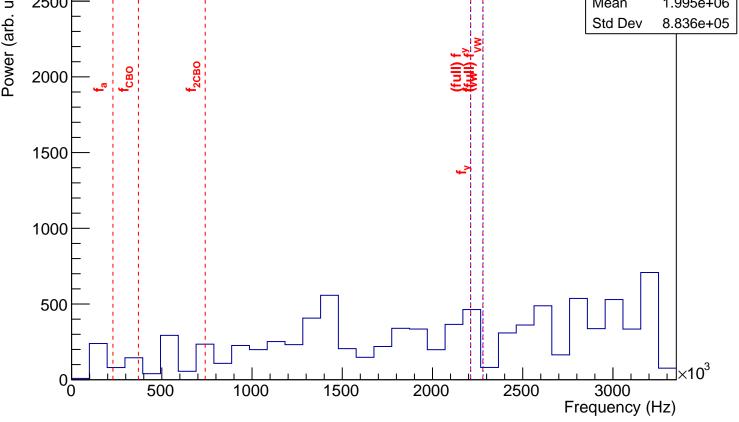
FFT of Residuals







FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 2500 Mean 1.995e+06 8.836e+05 Std Dev 2000



windowDat windowDat Entries 69 411.6 Mean 7000 2.903 Std Dev 6500 6000 5500 5000 4500 4000

