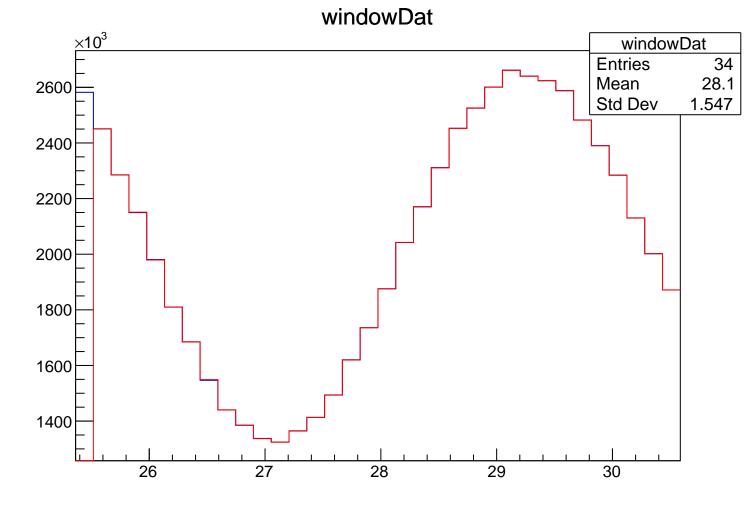
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.224e+06 Mean 14000 Std Dev 7.432e+05 12000 10000 8000 6000 4000 2000 500 1000 1500 2000 2500 3000 Frequency (Hz)

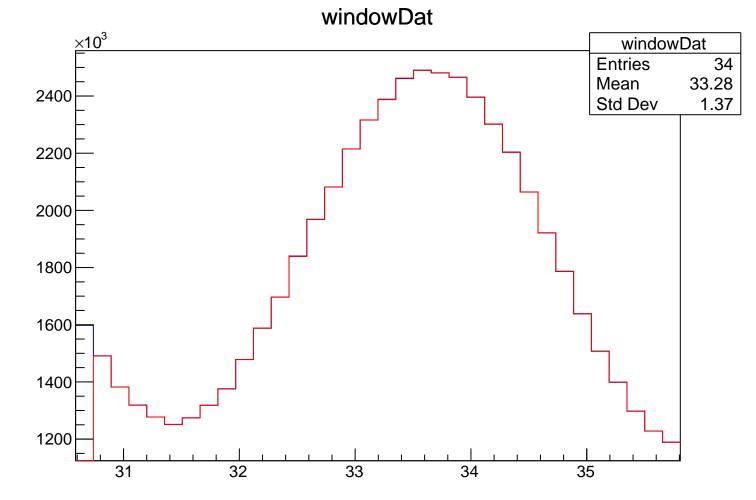
windowDat $\times 10^3$ windowDat Entries Mean 22.71 1.649 Std Dev

FFT of Residuals **Entries** Mean 2.149e+06 Std Dev 7.105e+05 Frequency (Hz)

FFT of Residuals



FFT of Residuals FFT of Residuals 10000F **Entries** Mean 2.074e+06 7.773e+05 Std Dev 8000 6000 4000 2000 0, 3000 500 1000 1500 2000 2500 Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.039e+06 Mean Std Dev 6.994e+05

Frequency (Hz)

windowDat ×10³ windowDat Entries 34 38.28 Mean 2200 Std Dev 1.361 2000 1800 1600 1400 1200

39

40

38

36

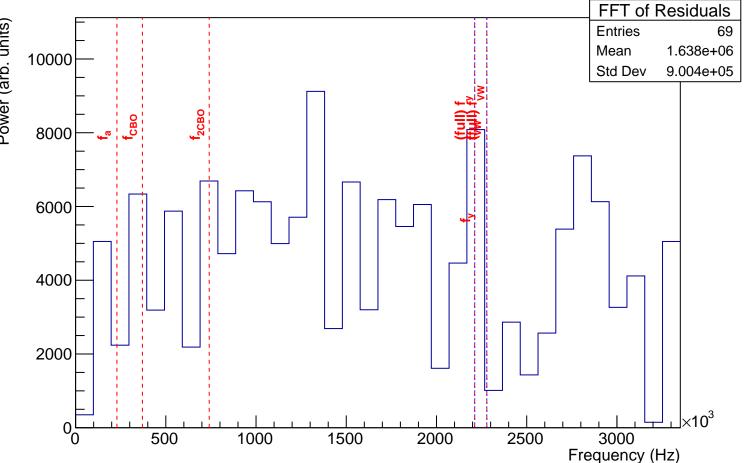
37

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.549e+06 14000 9.742e+05 Std Dev 12000 f_{CB0} 10000 8000 6000 4000 2000 3000 500 1000 1500 2000 2500

Frequency (Hz)

windowDat $\times 10^3$ windowDat Entries Mean 46.06 Std Dev 3.116

FFT of Residuals



windowDat $\times 10^3$ windowDat 1800 Entries 69 56.64 Mean Std Dev 2.987 1600 1400 1200 1000

58

60

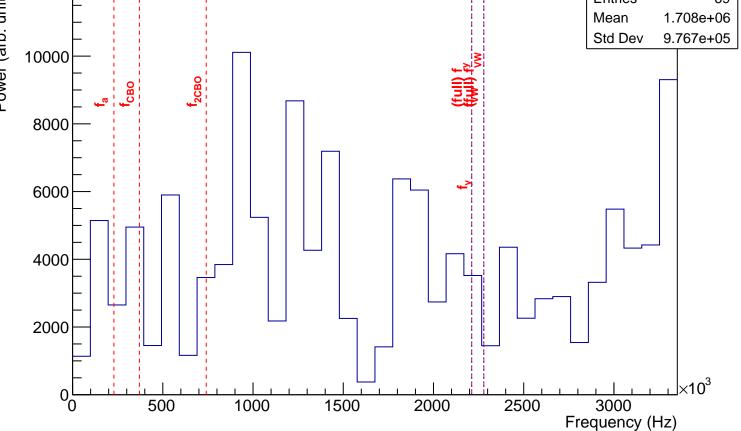
56

800

52

54

FFT of Residuals FFT of Residuals 12000F **Entries** Mean Std Dev 10000



windowDat $\times 10^3$ windowDat Entries 66.94 Mean 2.942 Std Dev

FFT of Residuals FFT of Residuals **Entries** Mean 1.821e+06 10000 8.508e+05 Std Dev 8000 6000 4000 2000 0 r 2000 3000 500 1000 1500 2500

Frequency (Hz)

windowDat $\times 10^3$ windowDat Entries 77.45 Mean Std Dev 3.144

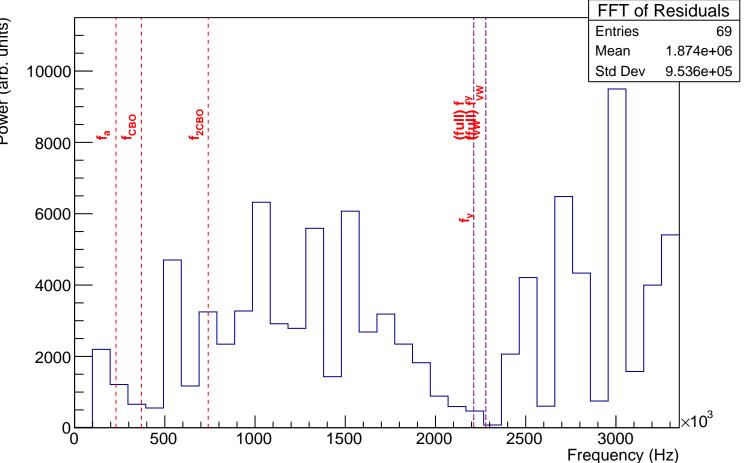
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.763e+06 8.945e+05 Std Dev Frequency (Hz)

windowDat windowDat Entries 87.92 Mean Std Dev 2.866

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.749e+06 Std Dev 9.189e+05 Frequency (Hz)

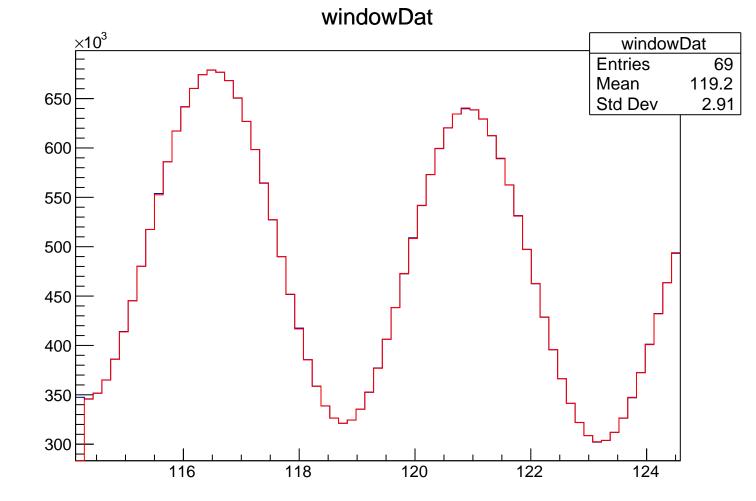
windowDat ×10³ windowDat Entries 69 98.27 Mean Std Dev 3.089 900 800 700 600 500 400 96 98 100 102 94

FFT of Residuals

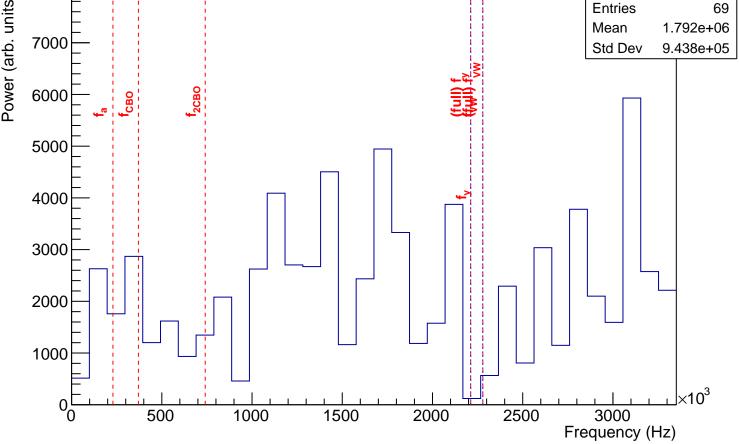


windowDat $\times 10^3$ windowDat Entries 800 🗏 108.8 Mean 3.023 Std Dev

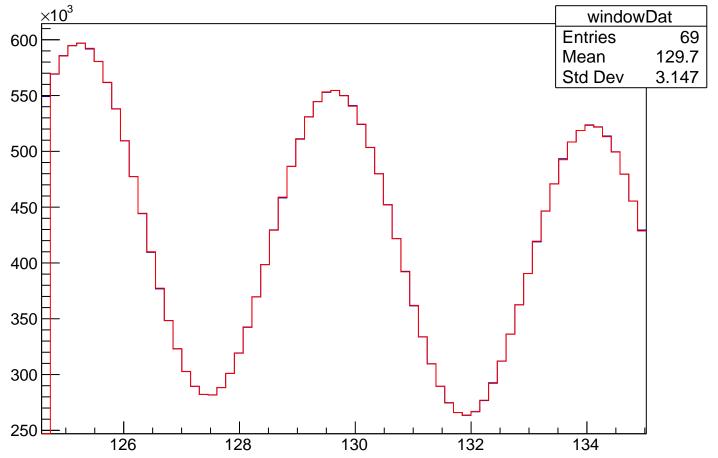
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.774e+06 9.45e+05 Std Dev Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.792e+06 7000 9.438e+05 Std Dev 6000 5000 4000 3000

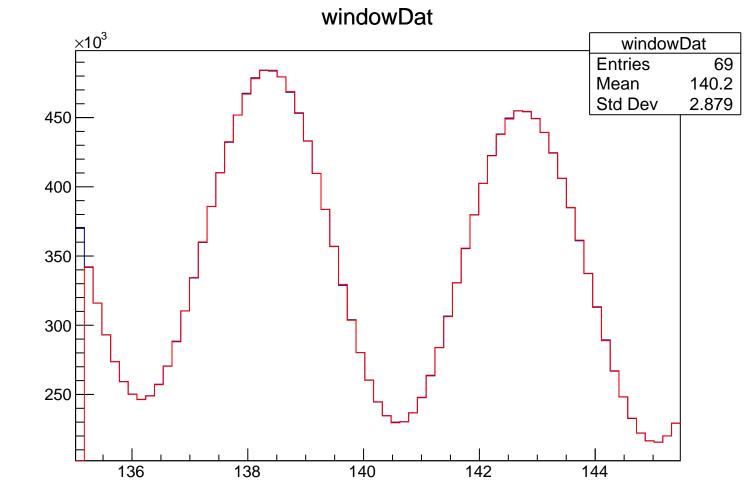


windowDat

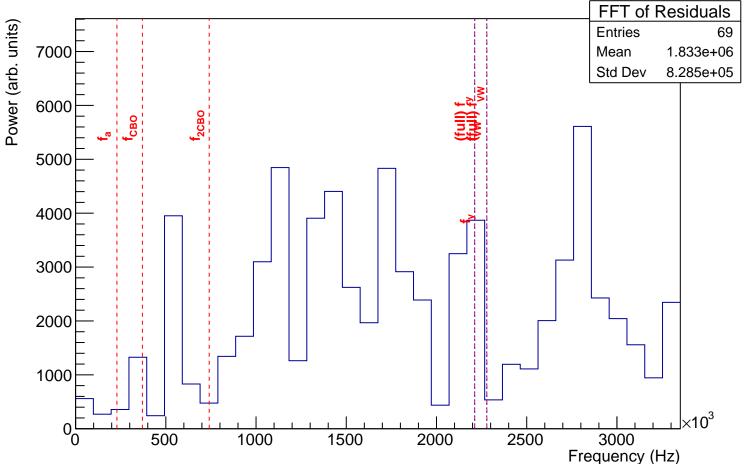


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.719e+06 9.005e+05 Std Dev

Frequency (Hz)



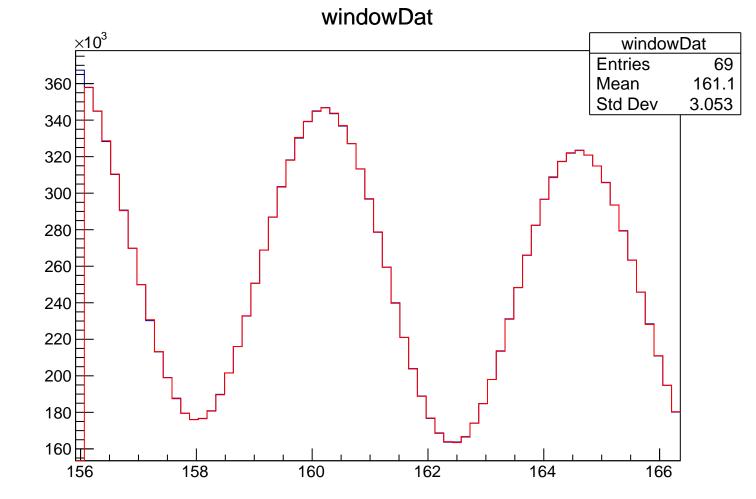
FFT of Residuals



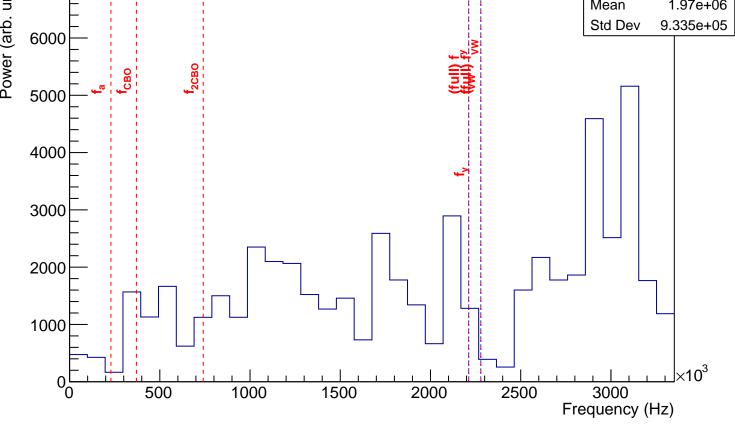
windowDat ×10³ windowDat Entries 69 150.5 Mean Std Dev 3.064 400 350 300 250 200 146 148 150 152 154

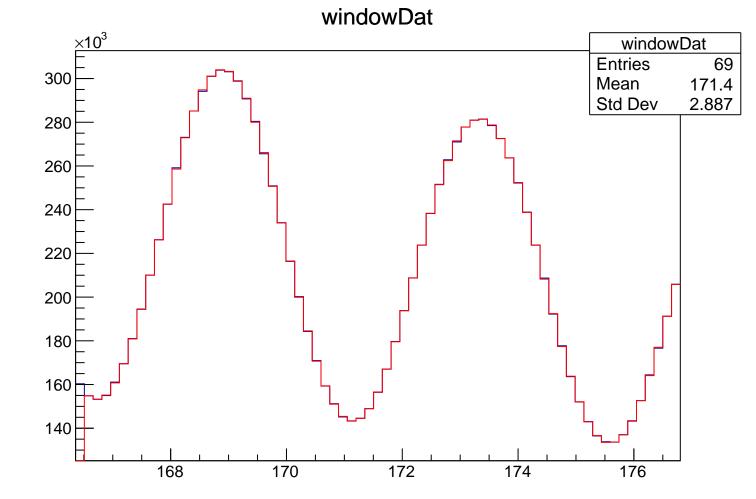
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.784e+06 5000 9.298e+05 Std Dev 4000 3000 2000 1000 2500 3000 500 1000 1500 2000

Frequency (Hz)

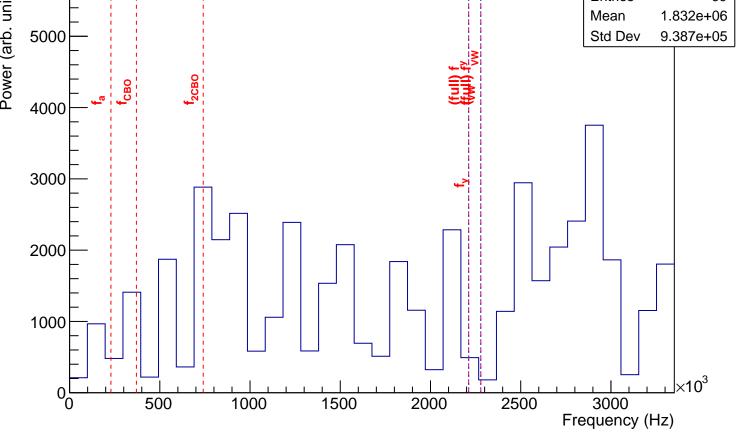


FFT of Residuals FFT of Residuals 7000 Power (arb. units) **Entries** 69 Mean 1.97e+06 9.335e+05 Std Dev 6000 5000 4000 3000 2000





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.832e+06 5000 9.387e+05 Std Dev 4000 3000



windowDat $\times 10^3$ windowDat Entries 181.9 Mean Std Dev 3.147

FFT of Residuals FFT of Residuals Power (arb. units) 5000 **Entries** 69 Mean 1.874e+06 8.678e+05 Std Dev 4000 3000 2000 1000 0

1500

2000

2500

3000

Frequency (Hz)

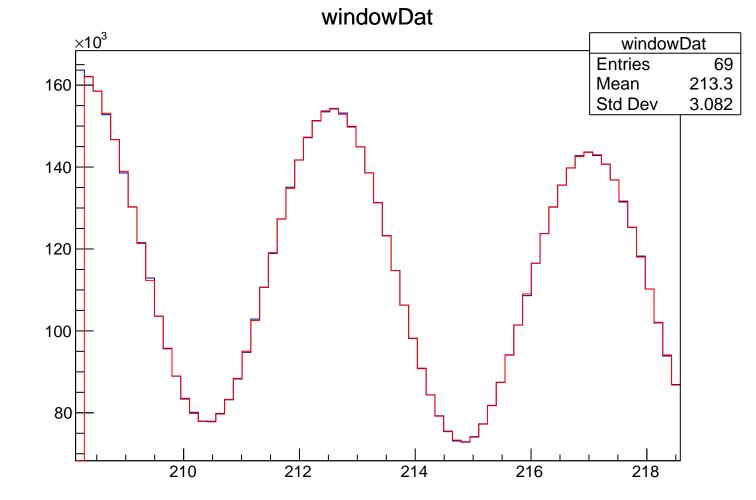
1000

windowDat $\times 10^3$ windowDat Entries 192.4 Mean Std Dev 2.902

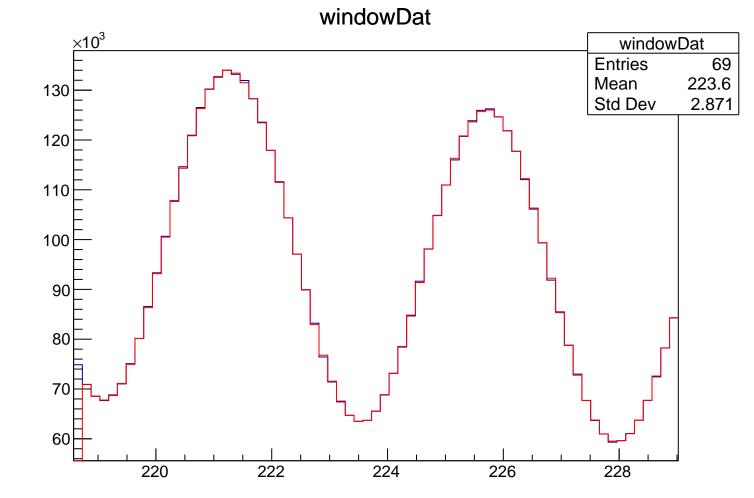
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.733e+06 8.903e+05 Std Dev Frequency (Hz)

windowDat ×10³ windowDat Entries 202.7 Mean Std Dev 3.033

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.716e+06 8.617e+05 Std Dev Frequency (Hz)



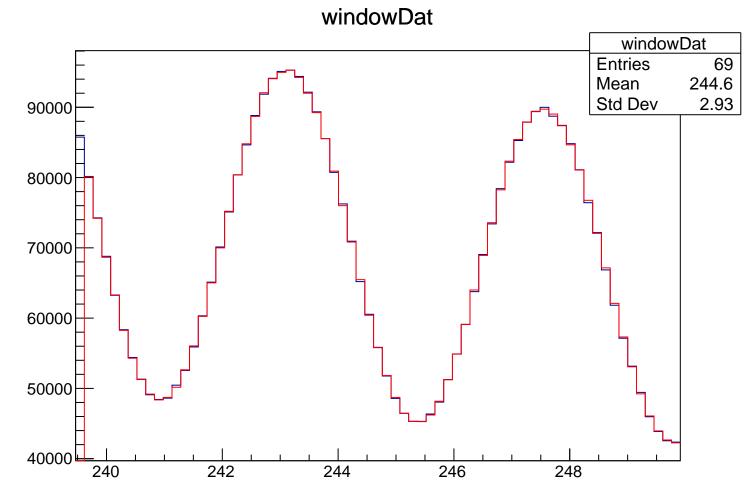
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.854e+06 Std Dev 8.892e+05 Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.671e+06 9.578e+05 Std Dev Frequency (Hz)

windowDat 120 ×10³ windowDat Entries 69 234.1 Mean Std Dev 3.14 110 100 90 80 70 60 50 🖯 230 232 234 236 238

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.885e+06 Mean 9.55e+05 Std Dev Frequency (Hz)

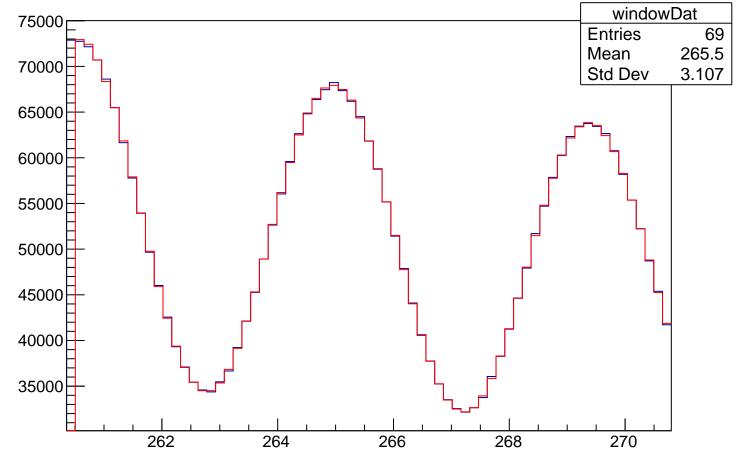


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.688e+06 9.624e+05 Std Dev

Frequency (Hz)

windowDat windowDat Entries 254.9 Mean Std Dev 2.997

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.903e+06 8.819e+05 Std Dev Frequency (Hz)

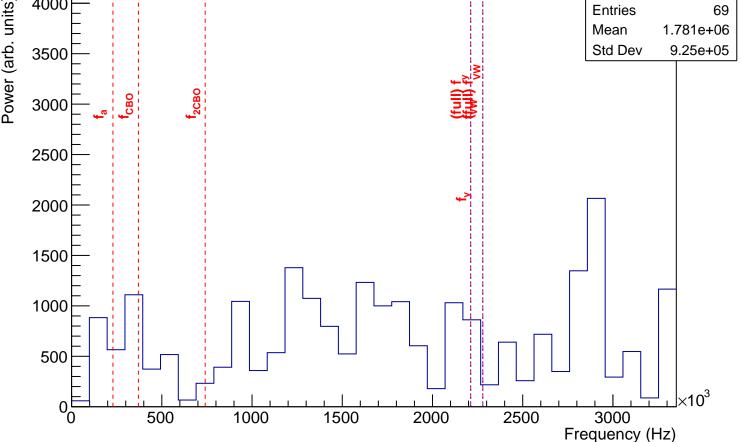


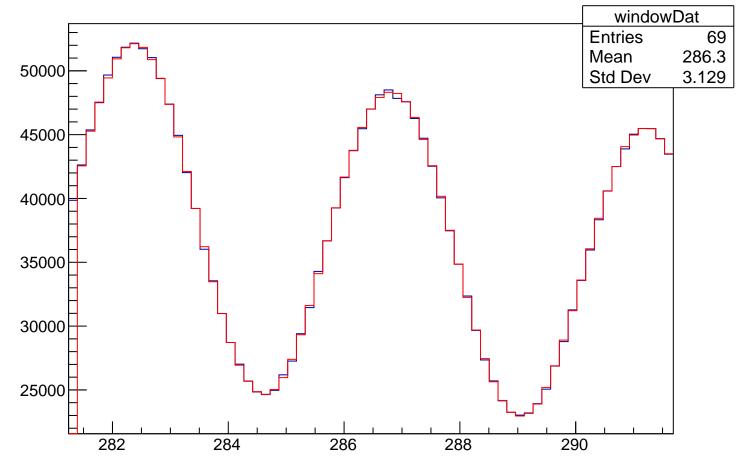
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 2.04e+06 8.107e+05 Std Dev

Frequency (Hz)

windowDat windowDat **Entries** 275.9 Mean 2.86 Std Dev 25000 ₩

FFT of Residuals FFT of Residuals 4000 Power (arb. units) **Entries** 69 Mean 1.781e+06 Std Dev 3500 3000 2500





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.805e+06 9.115e+05 Std Dev

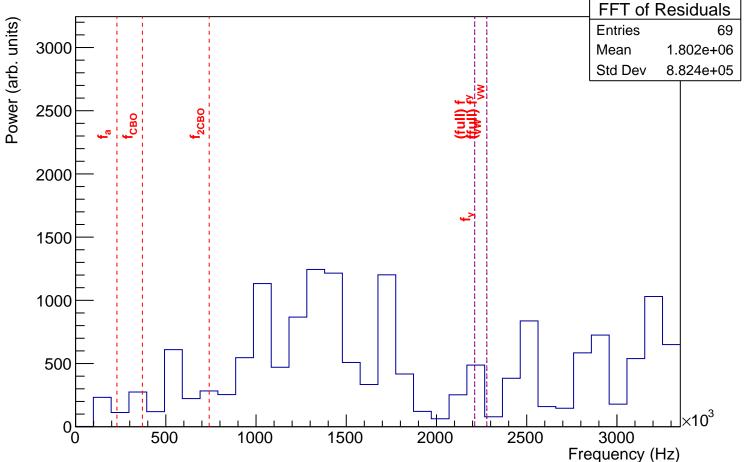
Frequency (Hz)

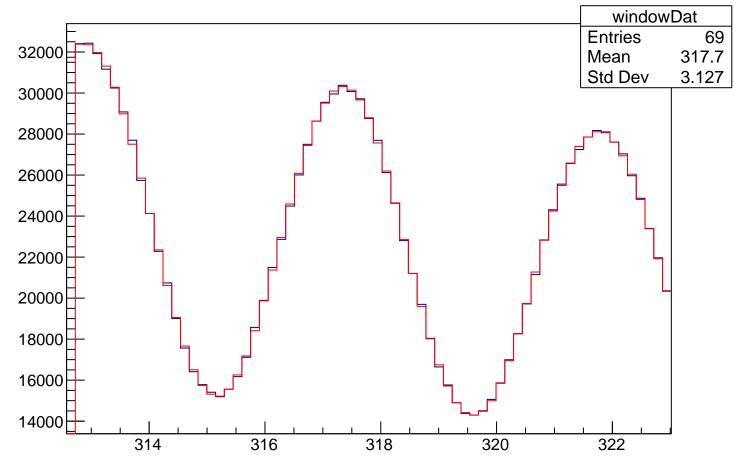
windowDat windowDat Entries 296.8 Mean Std Dev 2.991

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 3000 Mean 1.79e+06 8.63e+05 Std Dev 2500 2000 1500 1000 500 2500 3000 500 1000 1500 2000 Frequency (Hz)

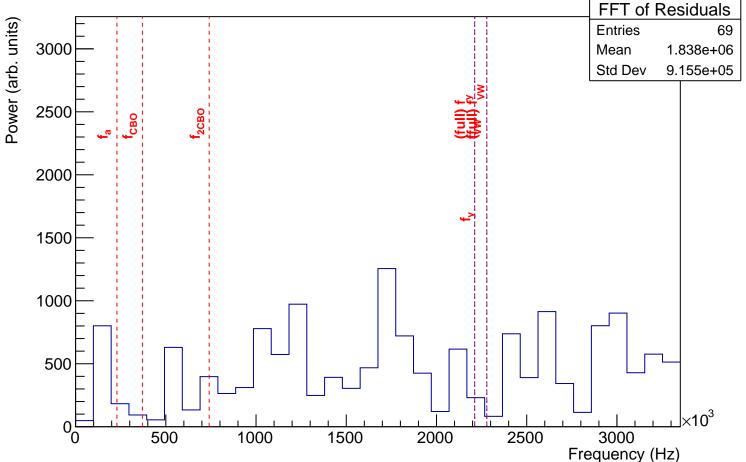
windowDat windowDat 38000F **Entries** Mean 307.1 Std Dev 2.966

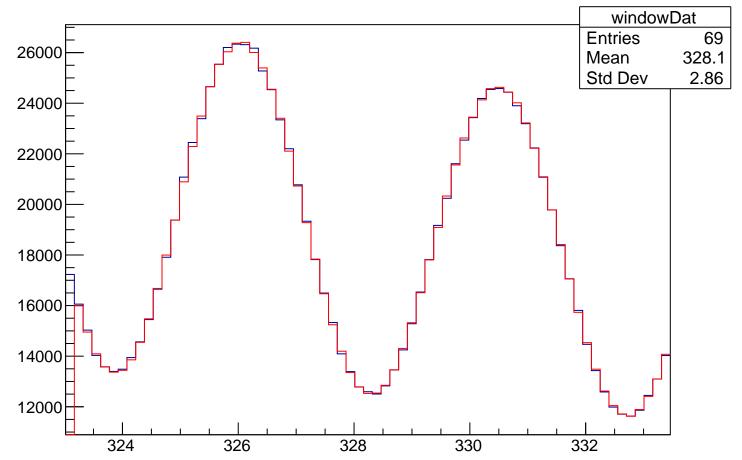
FFT of Residuals





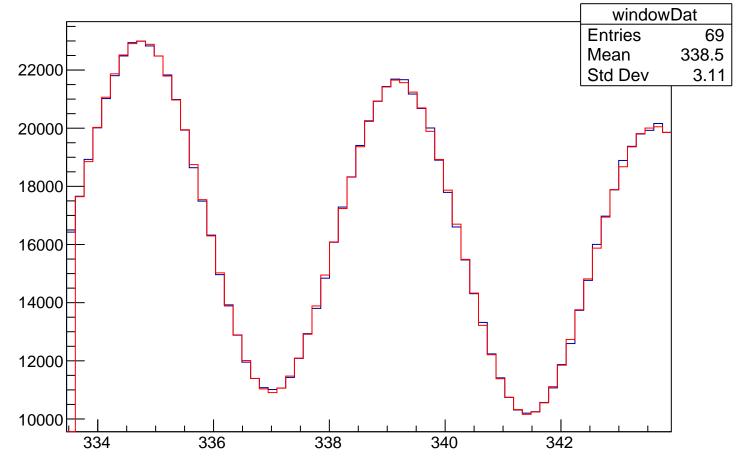
FFT of Residuals





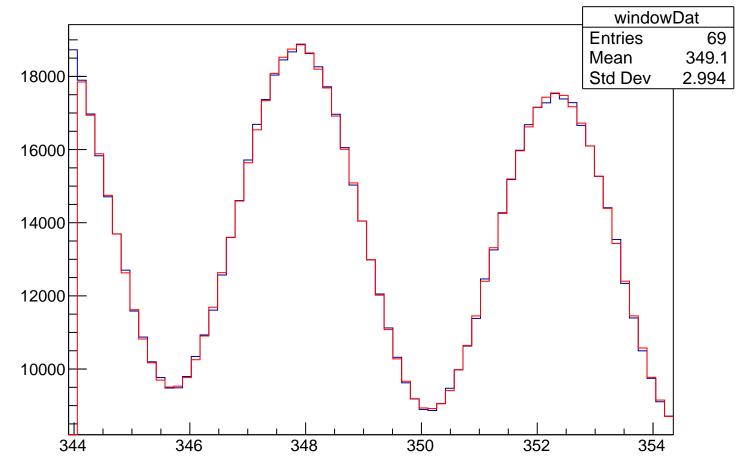
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.696e+06 9.205e+05 Std Dev 2500 2000 1500 1000 500 0 r 2000 2500 3000 500 1000 1500

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.692e+06 9.352e+05 Std Dev 2500 2000 1500 1000 500 0, 1500 2500 3000 500 1000 2000

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.823e+06 2500 1.003e+06 Std Dev 2000 1500 1000 500

1500

2000

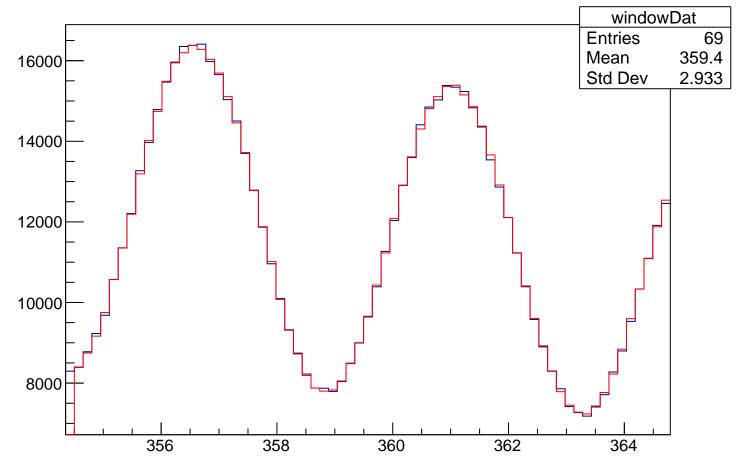
2500

1000

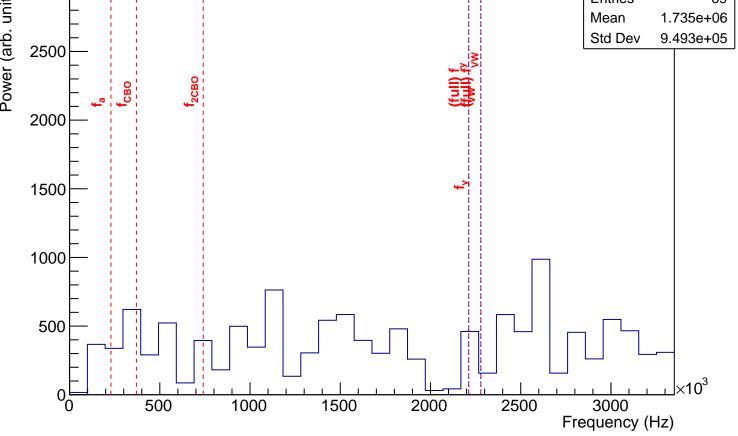
3000

Frequency (Hz)

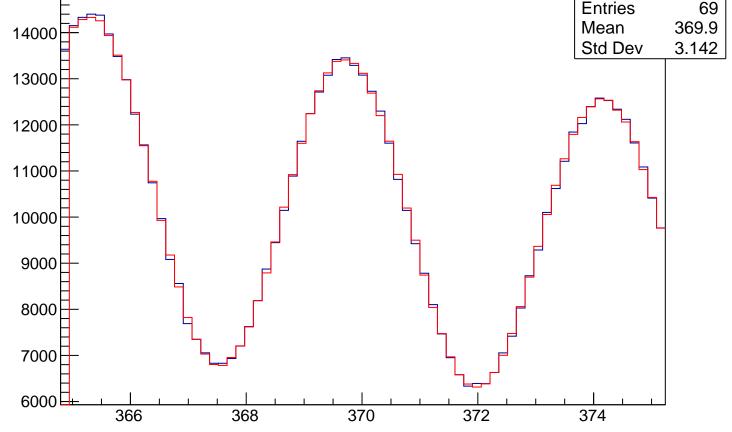
0 r



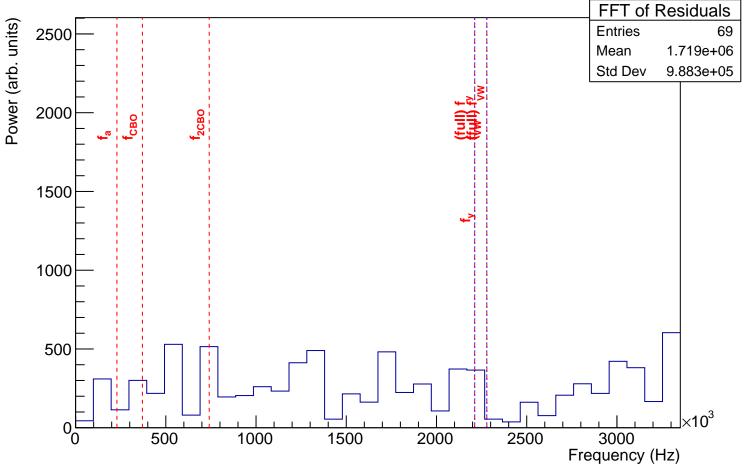
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.735e+06 9.493e+05 Std Dev 2500 2000 1500

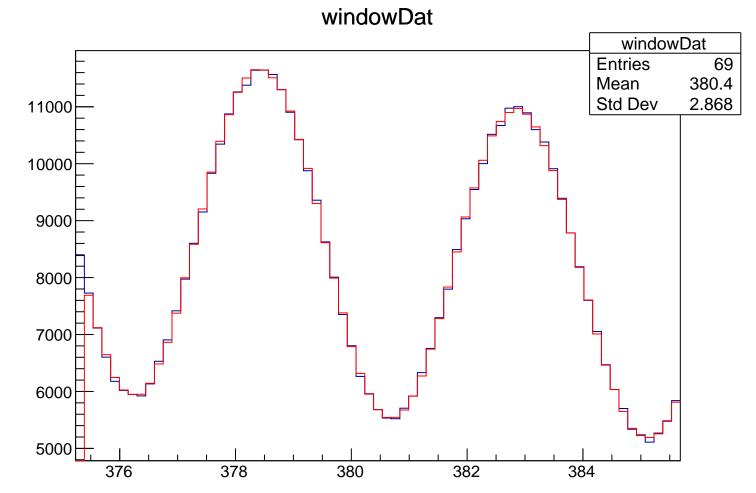


windowDat windowDat **Entries** 69 Mean 369.9 14000 Std Dev 3.142 13000 12000 11000 10000 9000 8000

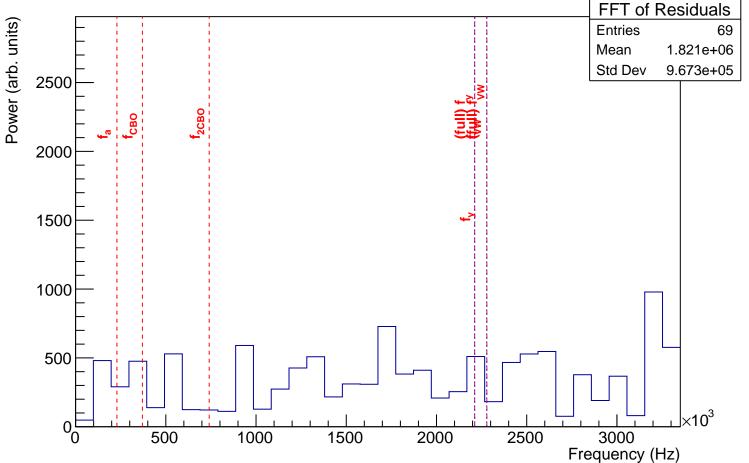


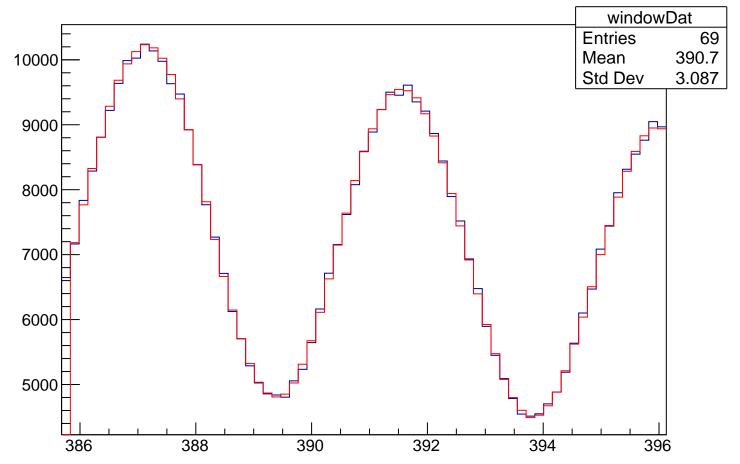
FFT of Residuals



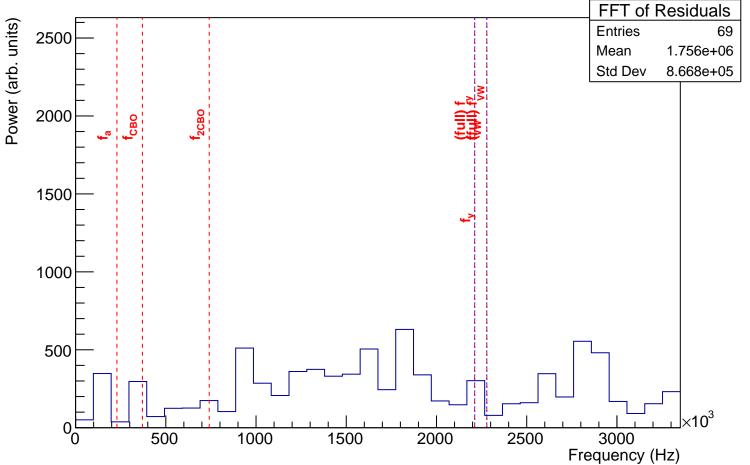


FFT of Residuals

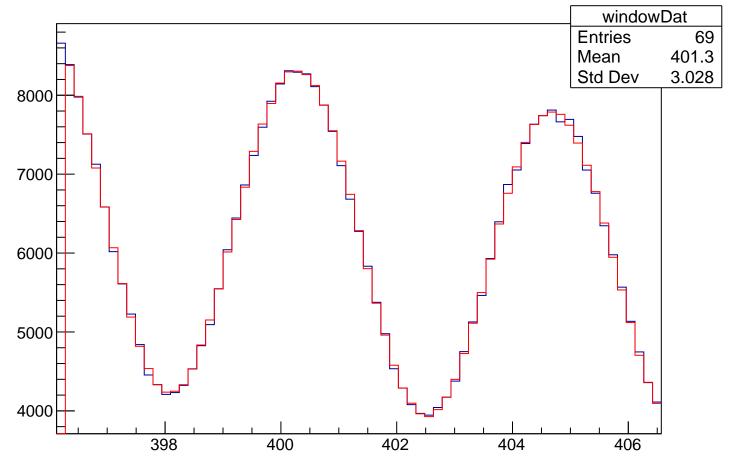




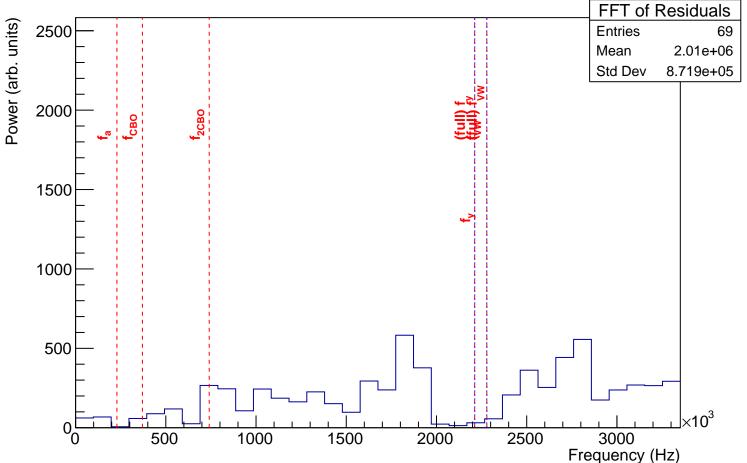
FFT of Residuals







FFT of Residuals



windowDat windowDat **Entries** 411.6 Mean 2.906 Std Dev