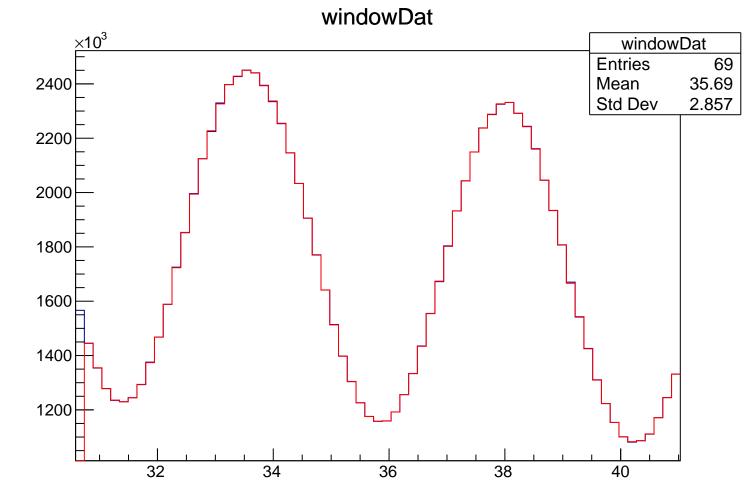


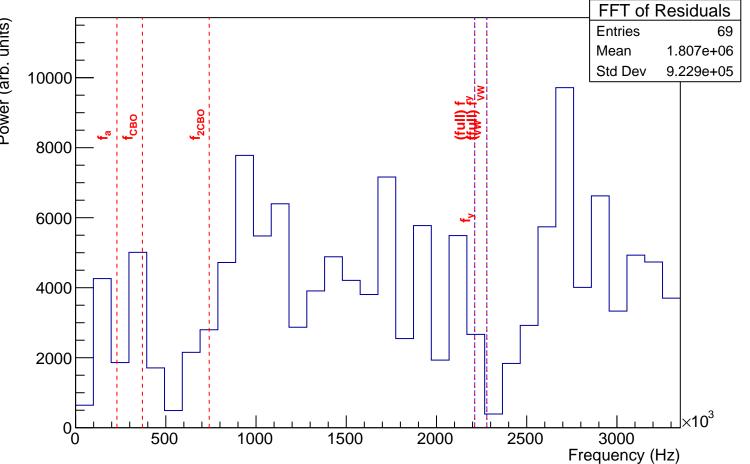
windowDat  $\times 10^3$ windowDat **Entries** 25.26 Mean 3.125 Std Dev 

FFT of Residuals 35000 **Entries** Mean 1.971e+06 8.874e+05 Std Dev 30000 25000 20000 15000 10000 5000 0, 3000 500 1000 1500 2000 2500 Frequency (Hz)



FFT of Residuals FFT of Residuals **Entries** Mean 1.912e+06 9.275e+05 Std Dev 

windowDat 2200 ×10<sup>3</sup> windowDat Entries 69 46.06 Mean Std Dev 3.115 2000 1800 1600 1400 1200 1000 42 44 46 48 50



windowDat 1800 × 10<sup>3</sup> windowDat Entries 69 56.63 Mean Std Dev 2.988 1600 1400 1200 1000 800

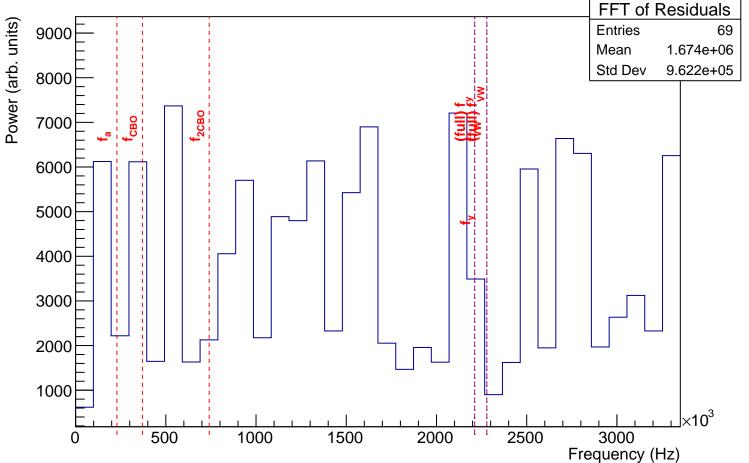
58

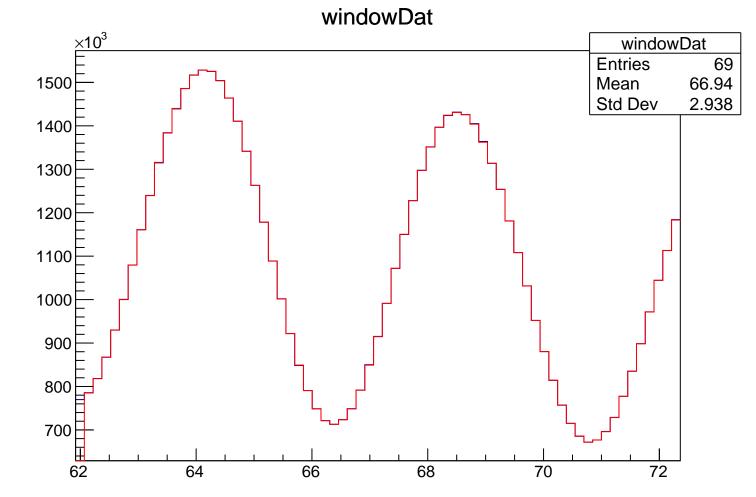
60

56

52

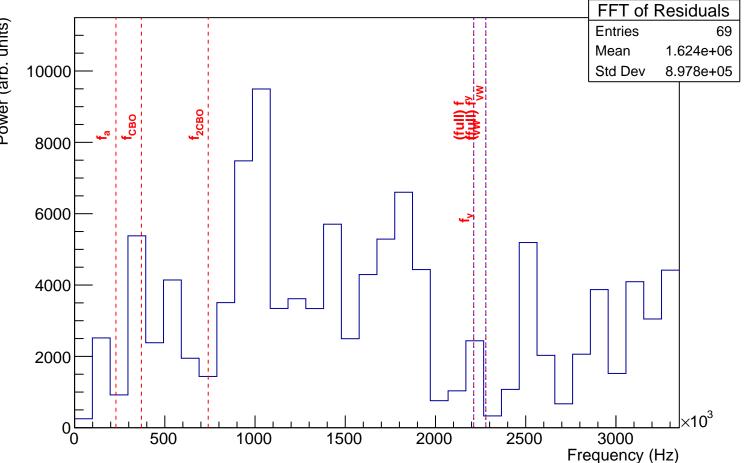
54



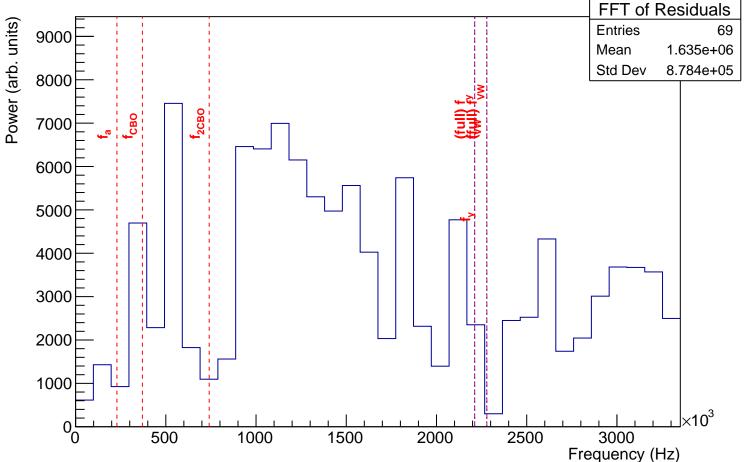


FFT of Residuals FFT of Residuals **Entries** Mean 2.004e+06 8.843e+05 Std Dev 10000 8000 6000 4000 2000 0 r 3000 500 1000 1500 2000 2500 Frequency (Hz)

windowDat ×10<sup>3</sup> windowDat Entries 77.45 Mean Std Dev 3.149 



windowDat windowDat Entries 87.92 Mean Std Dev 2.862 



windowDat ×10<sup>3</sup> windowDat Entries 69 98.27 Mean Std Dev 3.094 900 800 700 600 500 400 96 98 100 102 94

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.812e+06 Std Dev 9.217e+05 Frequency (Hz)

windowDat  $\times 10^3$ windowDat Entries 108.9 Mean 3.019 Std Dev 

350 🖶

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.857e+06 9.701e+05 Std Dev 

windowDat 700 × 10<sup>3</sup> windowDat Entries 119.2 Mean Std Dev 2.91 

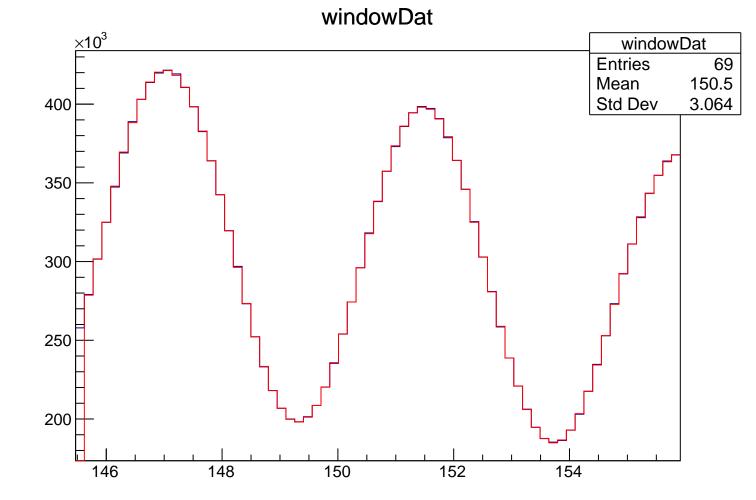
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.803e+06 6000 9.643e+05 Std Dev 5000 4000 3000 2000 1000 3000 500 1000 1500 2000 2500

windowDat  $\times 10^3$ windowDat Entries 129.7 Mean Std Dev 3.147 

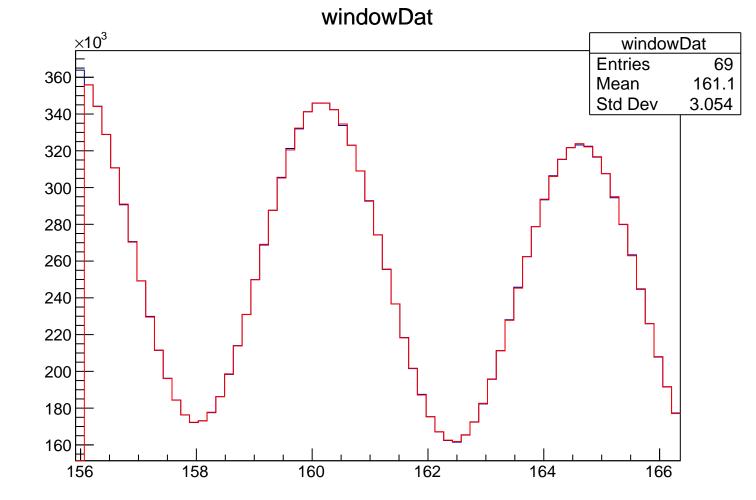
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 7000 Mean 1.809e+06 1.001e+06 Std Dev 6000 CBO 5000 4000 3000 2000 1000 0 r 2000 3000 500 1000 1500 2500

windowDat 500 ×10<sup>3</sup> windowDat Entries 69 140.2 Mean Std Dev 2.878 450 400 350 300 250 200 136 138 140 142 144

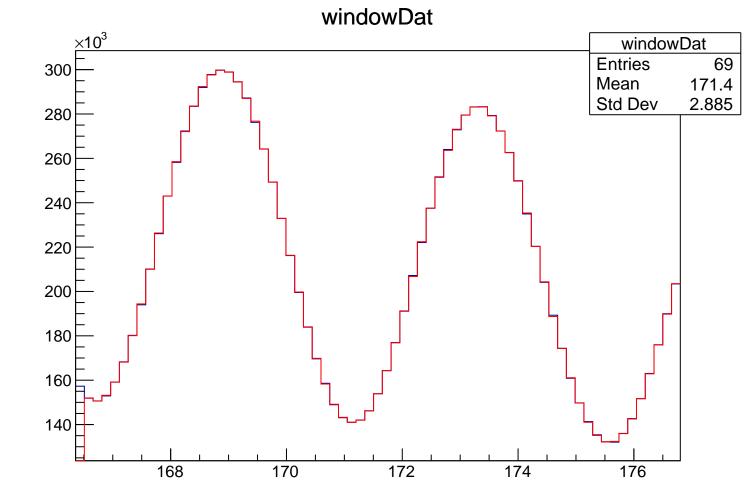
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.817e+06 Std Dev 8.744e+05 



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.841e+06 9.499e+05 Std Dev 



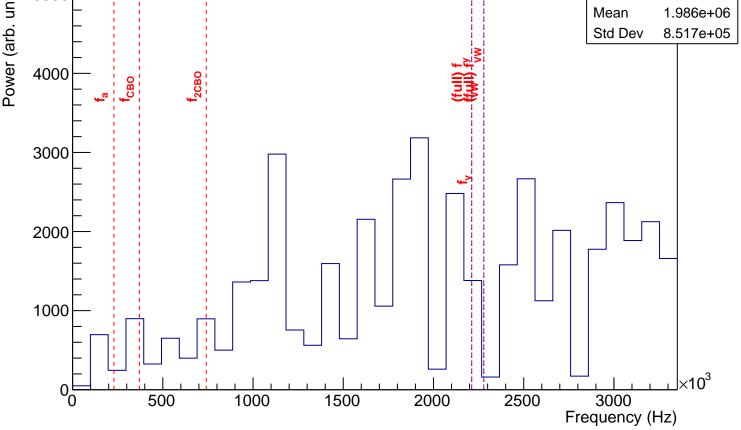
FFT of Residuals FFT of Residuals Power (arb. units) 5000 **Entries** 69 Mean 1.956e+06 9.25e+05 Std Dev 4000 3000 2000 1000 0, 3000 500 1000 1500 2000 2500

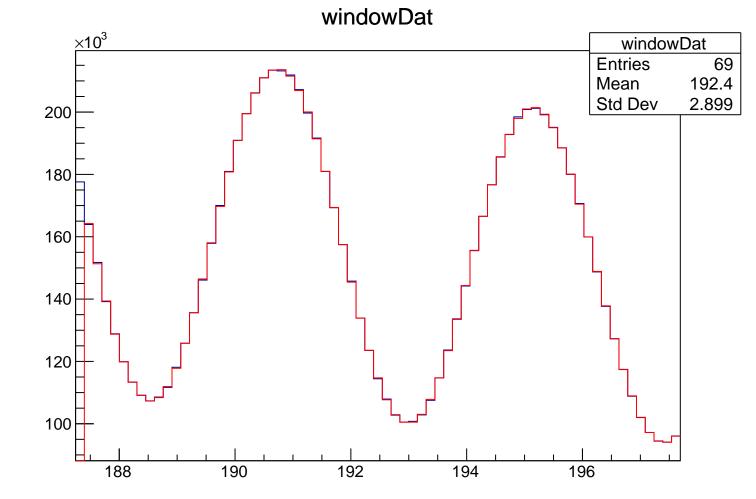


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.827e+06 5000 9.272e+05 Std Dev 4000 3000 2000 1000 0, 3000 500 1000 1500 2000 2500

windowDat  $\times 10^3$ windowDat Entries 181.9 Mean Std Dev 3.149 

FFT of Residuals FFT of Residuals Power (arb. units) 5000 **Entries** 69 Mean 1.986e+06 8.517e+05 Std Dev 4000 3000



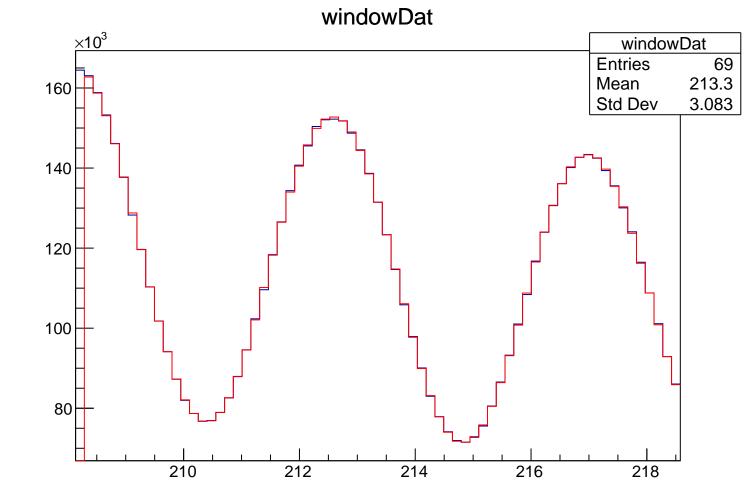


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.888e+06 8.545e+05 Std Dev 5000 4000 3000 2000 1000 0, 2500 3000 500 1000 1500 2000 Frequency (Hz)

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

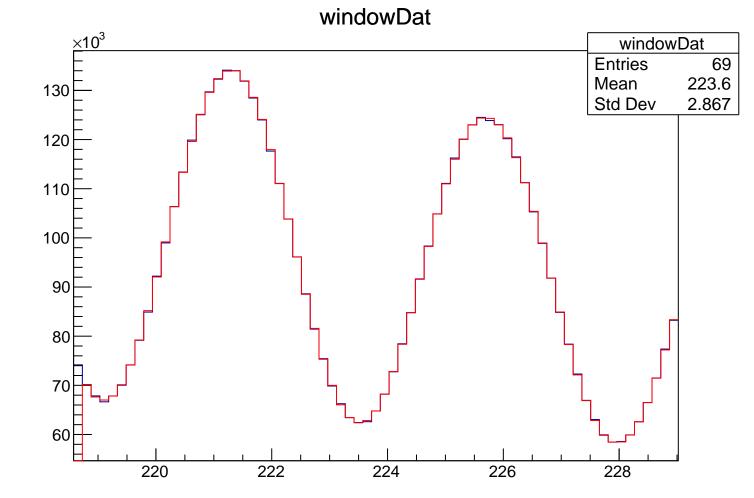
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.795e+06 9.551e+05 Std Dev 

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.932e+06 4000 Std Dev 1.019e+06 3500 3000 2500 2000 1500 1000 500 0, 1500 3000 500 1000 2000 2500

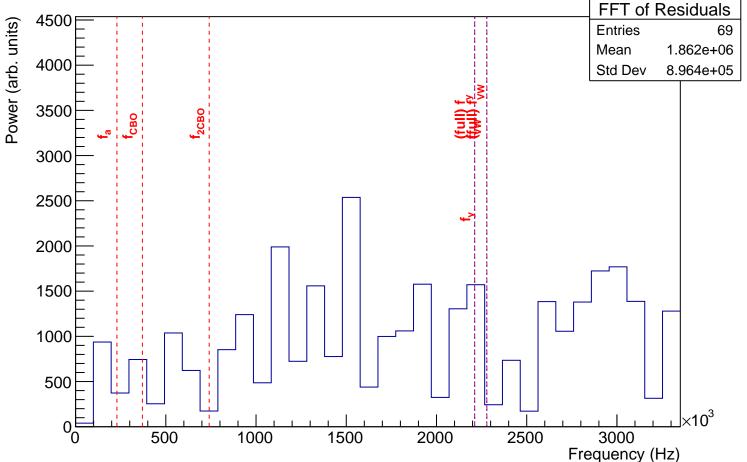
Frequency (Hz)

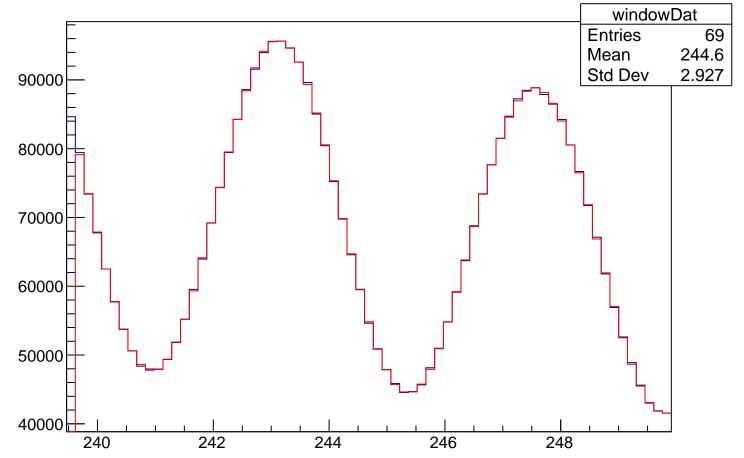


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.759e+06 Std Dev 8.676e+05 

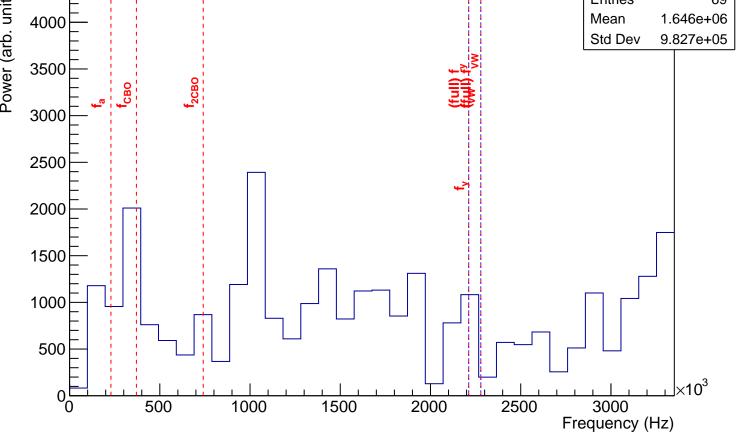
Frequency (Hz)

windowDat 120 × 10<sup>3</sup> windowDat Entries 234.1 Mean Std Dev 3.143 



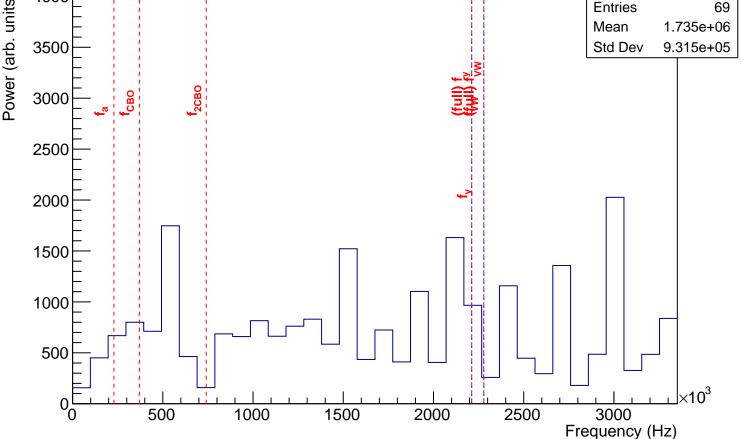


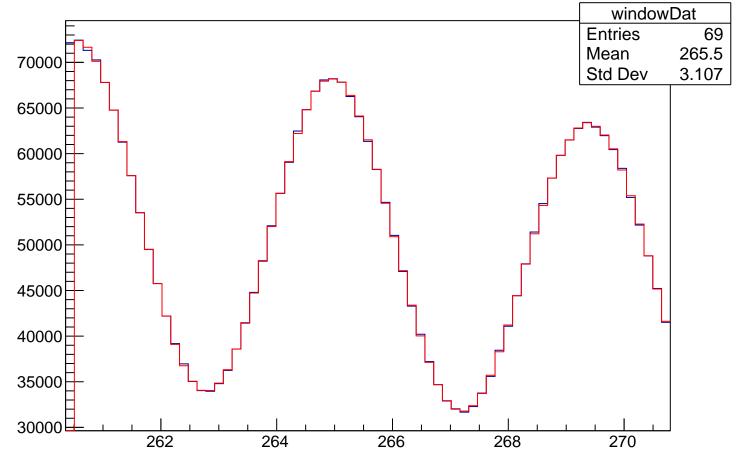
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.646e+06 4000 9.827e+05 Std Dev 3500 3000 2500 2000



windowDat windowDat Entries 254.9 Mean 3.001 Std Dev 

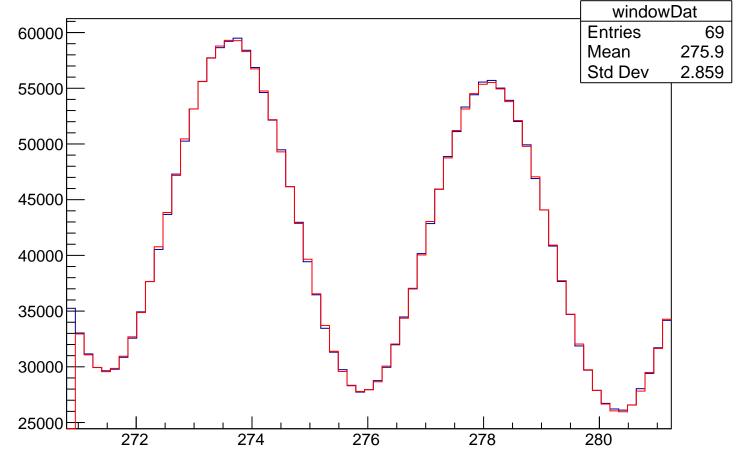
FFT of Residuals FFT of Residuals 4000 Power (arb. units) **Entries** Mean 3500 Std Dev 3000



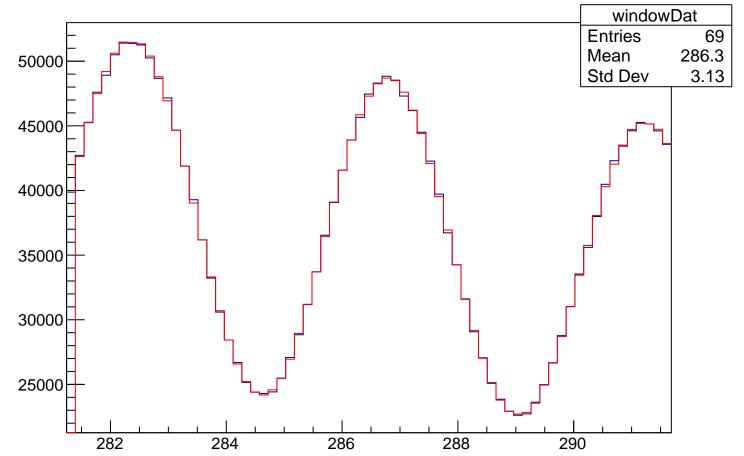


FFT of Residuals Power (arb. units) **Entries** Mean 1.714e+06 9.663e+05 Std Dev 

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.84e+06 8.258e+05 Std Dev Frequency (Hz)



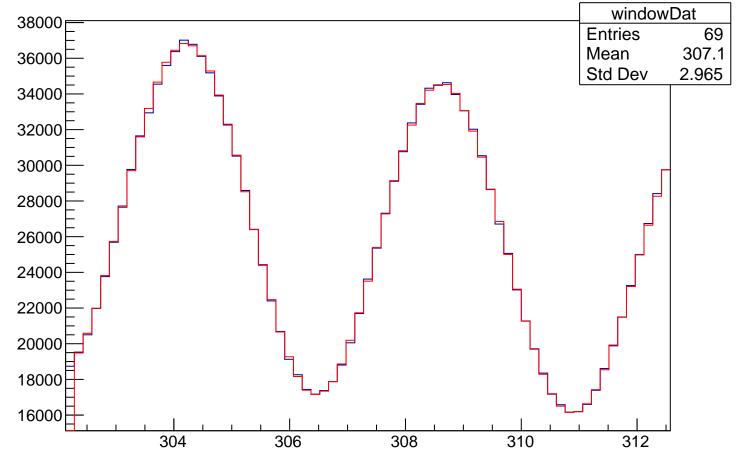
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.694e+06 8.007e+05 Std Dev r

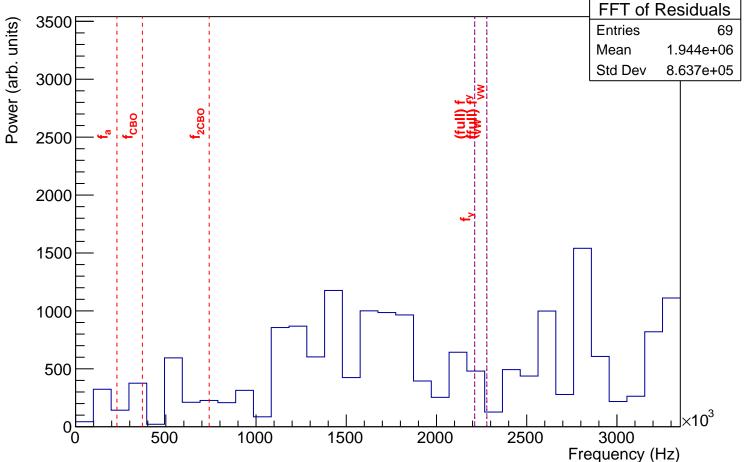
Frequency (Hz)

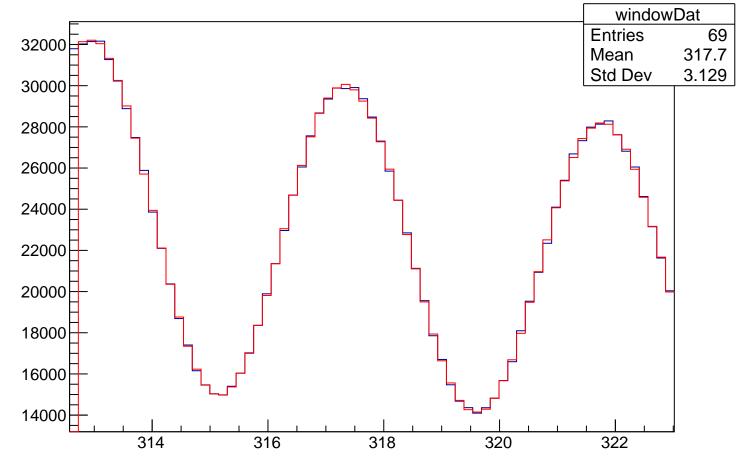
windowDat windowDat Entries 296.8 Mean 2.99 Std Dev 

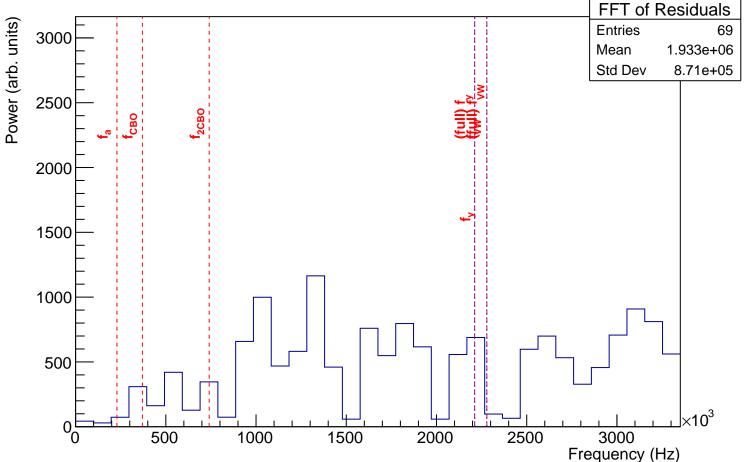
FFT of Residuals Power (arb. units) **Entries** Mean 1.705e+06 9.533e+05 Std Dev 

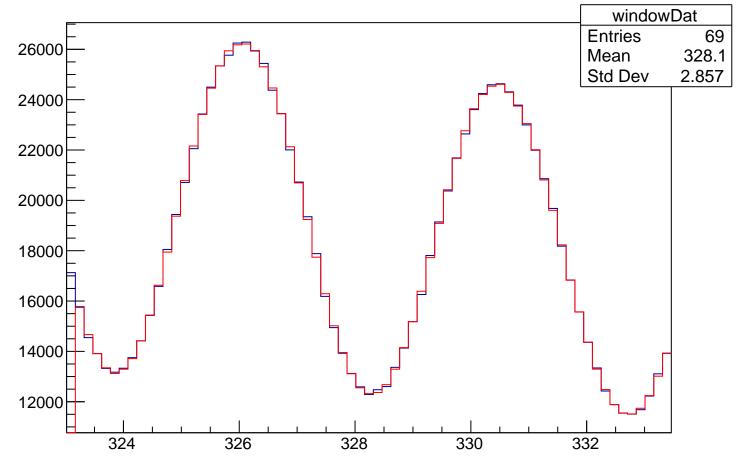
Frequency (Hz)



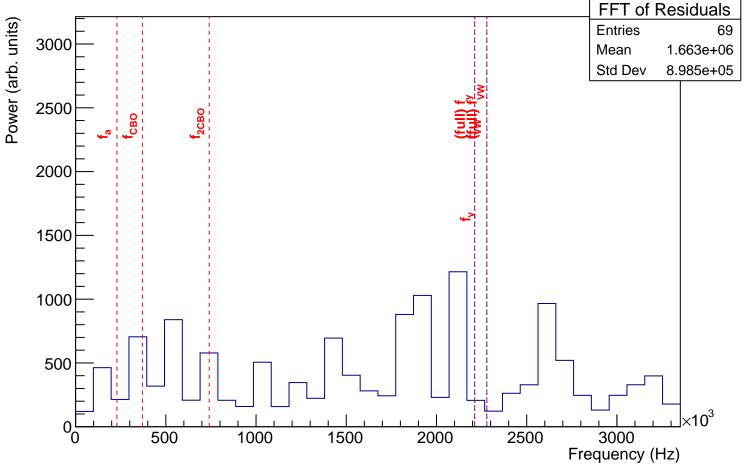


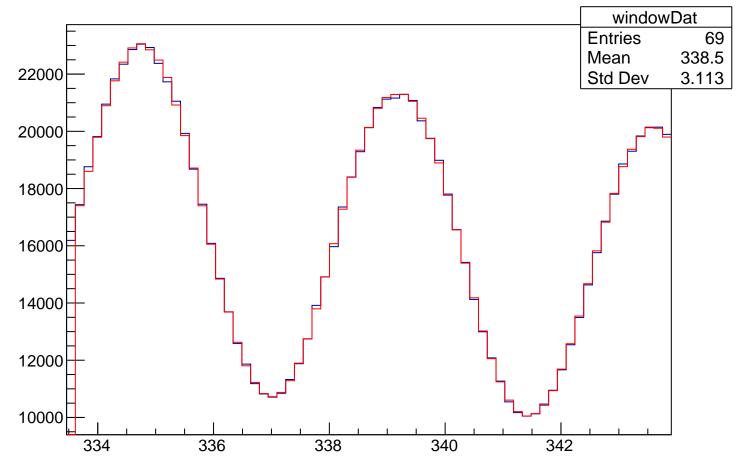




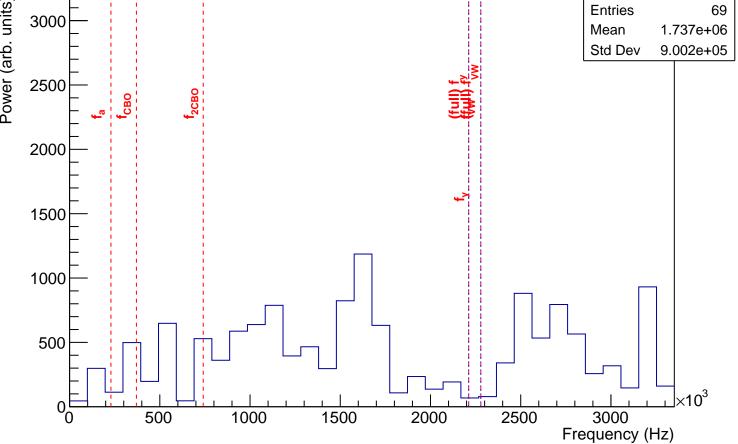


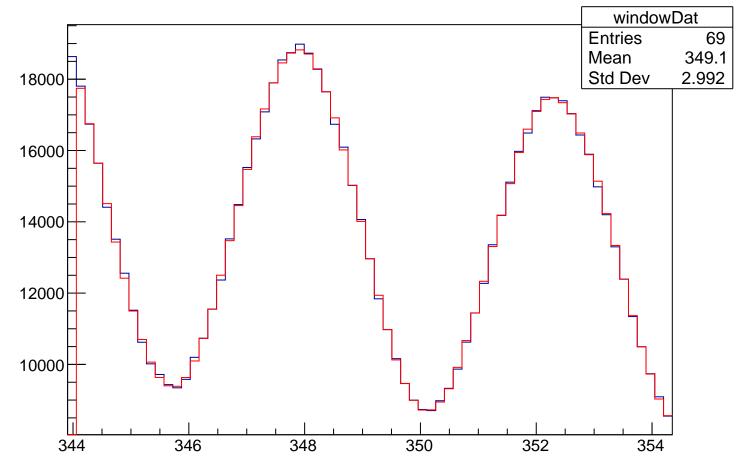
FFT of Residuals



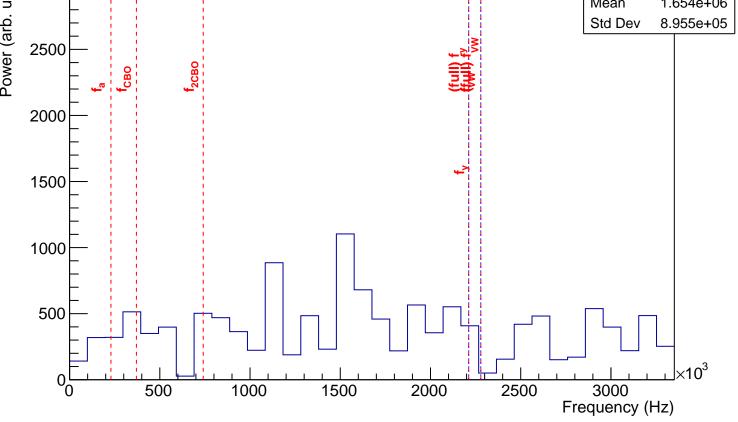


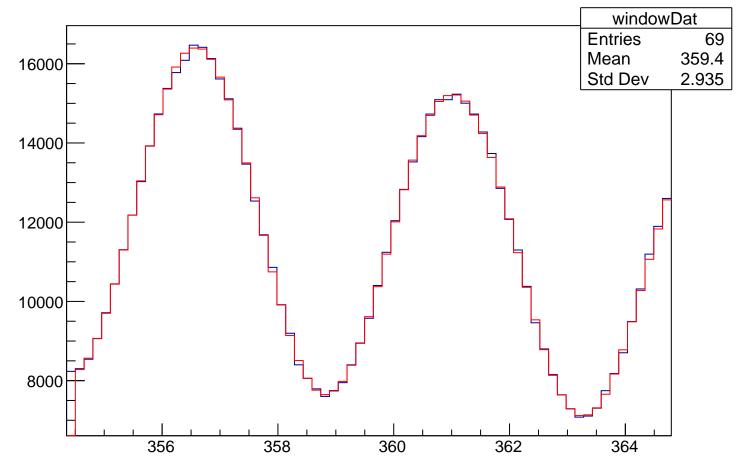
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 3000 Mean 1.737e+06 9.002e+05 Std Dev 2500 2000 1500

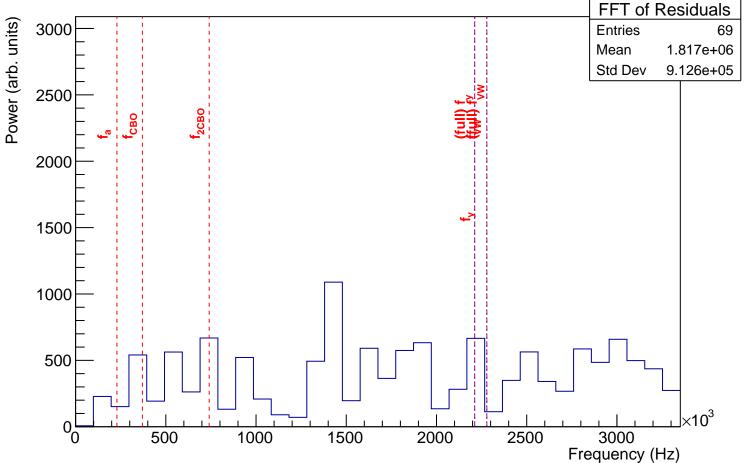




FFT of Residuals FFT of Residuals Power (arb. units) 3000 **Entries** 69 Mean 1.654e+06 8.955e+05 Std Dev 2500 2000 1500

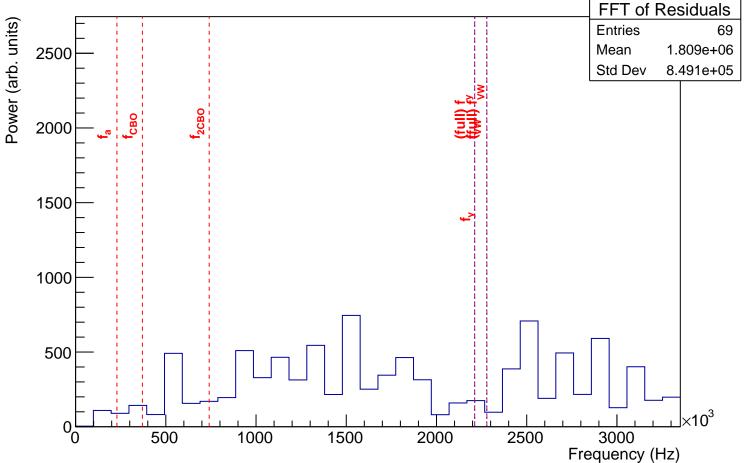




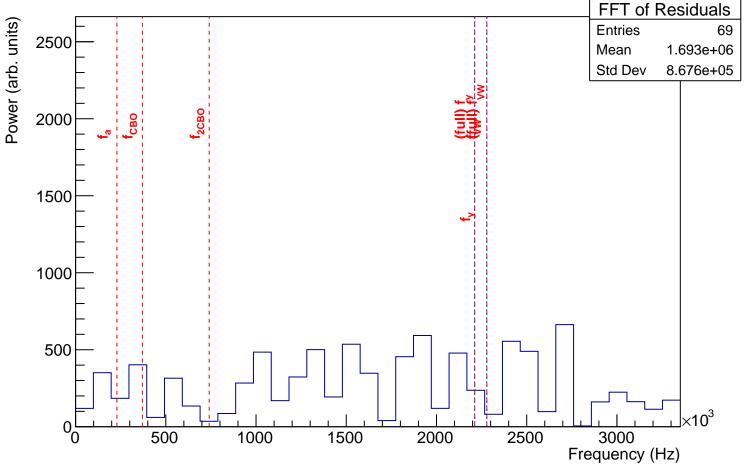


windowDat windowDat **Entries** Mean 369.9 Std Dev 3.142 

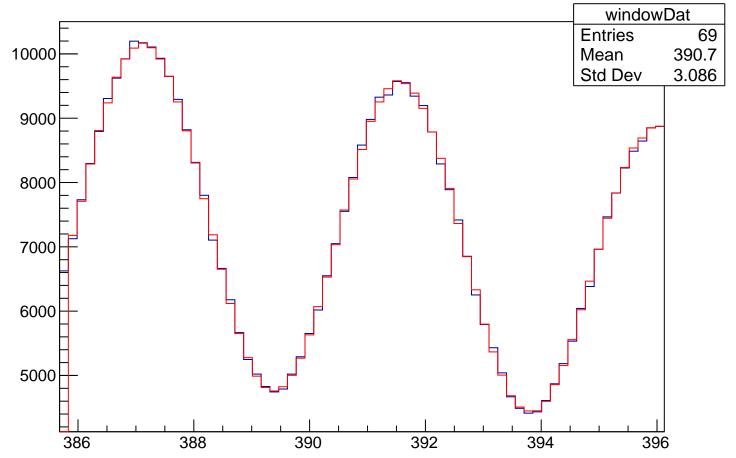
6000 🚠

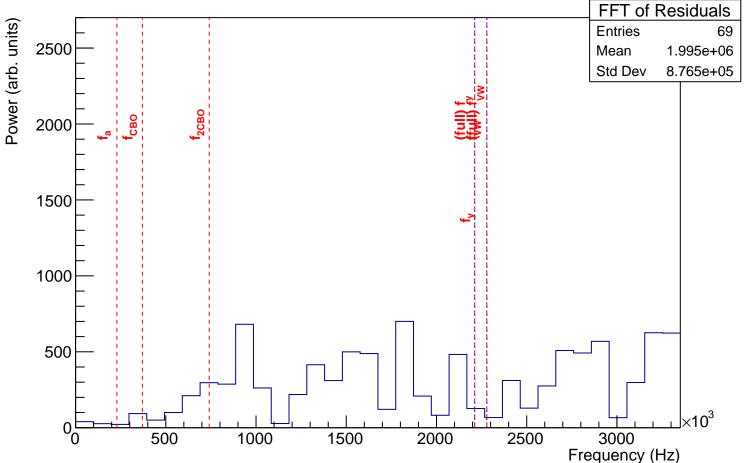


windowDat windowDat Entries 380.4 Mean Std Dev 2.864 

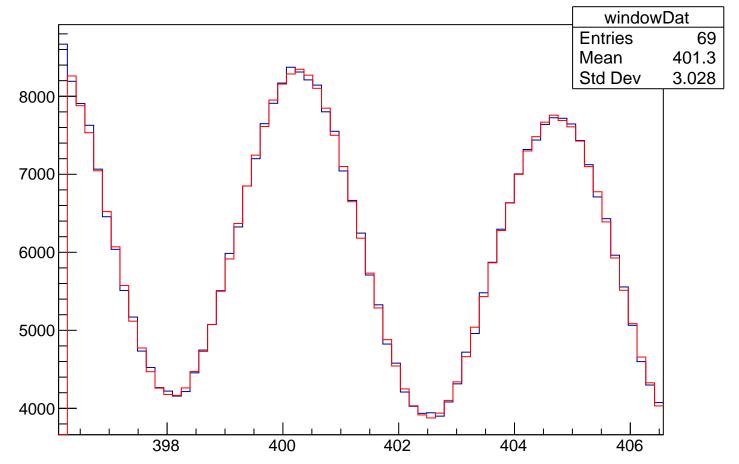


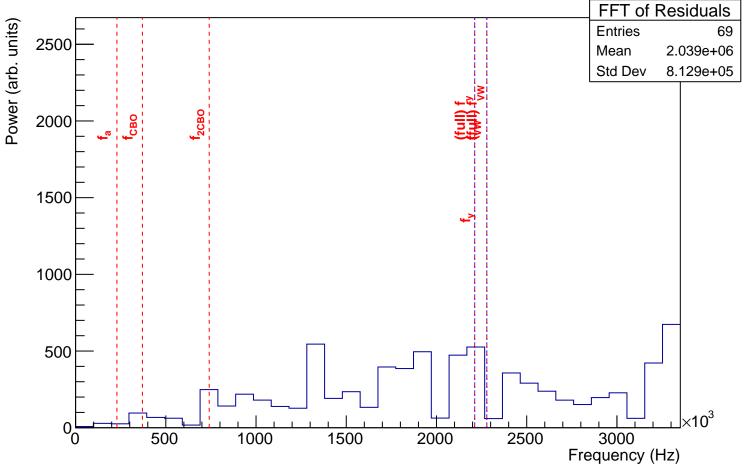












windowDat windowDat **Entries** 411.6 Mean 2.903 Std Dev