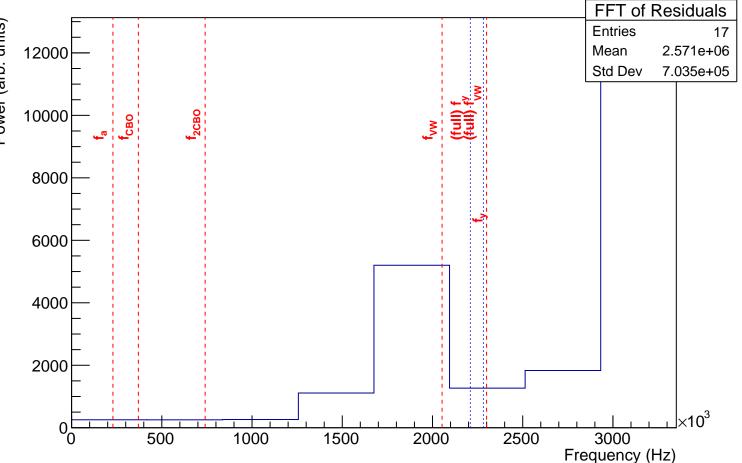
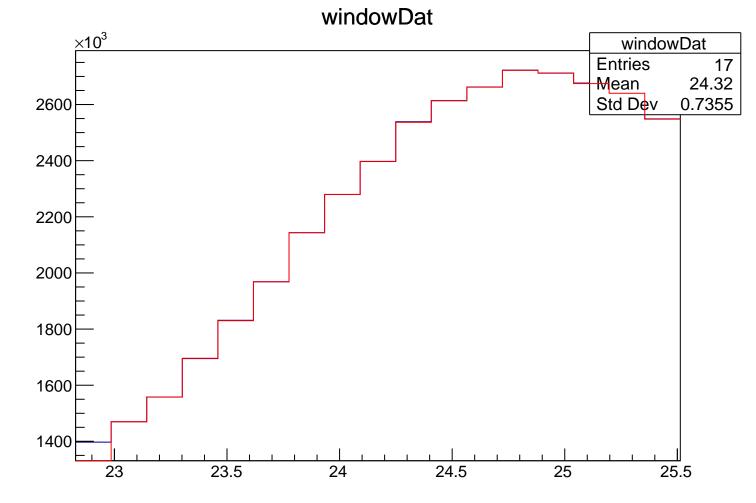
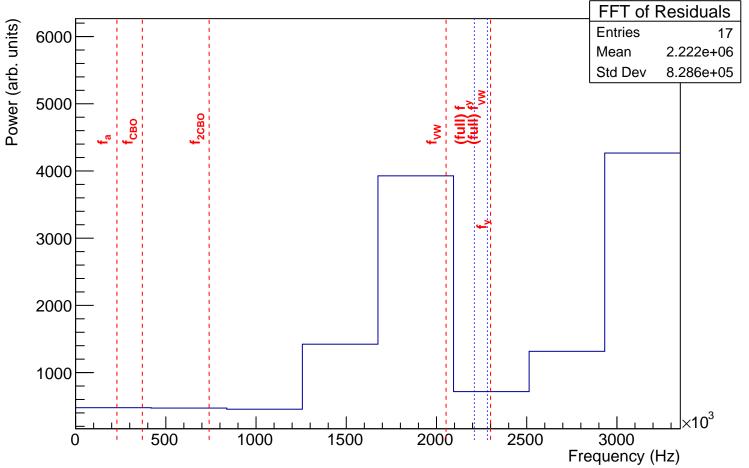
FFT of Residuals FFT of Residuals 12000 **Entries** 2.406e+06 Mean Std Dev 7.491e+05 10000 8000 6000 4000 2000 0, 1000 500 1500 2000 2500 3000 Frequency (Hz)

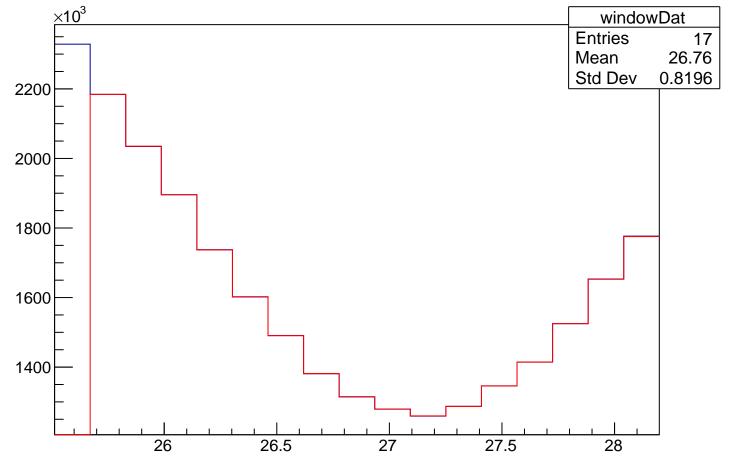
windowDat windowDat 3000 **Entries** 17 21.28 Mean 2800 Std Dev 0.7369 2600 2400 2200 2000 1800 1600 1400 20.5 21 21.5 22 22.5

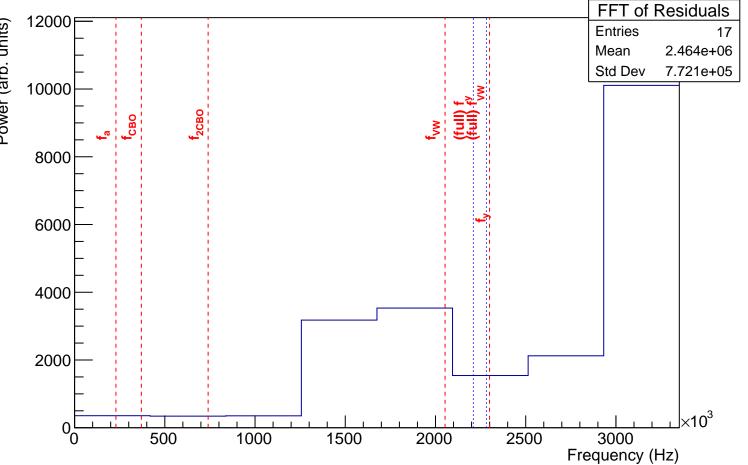






windowDat

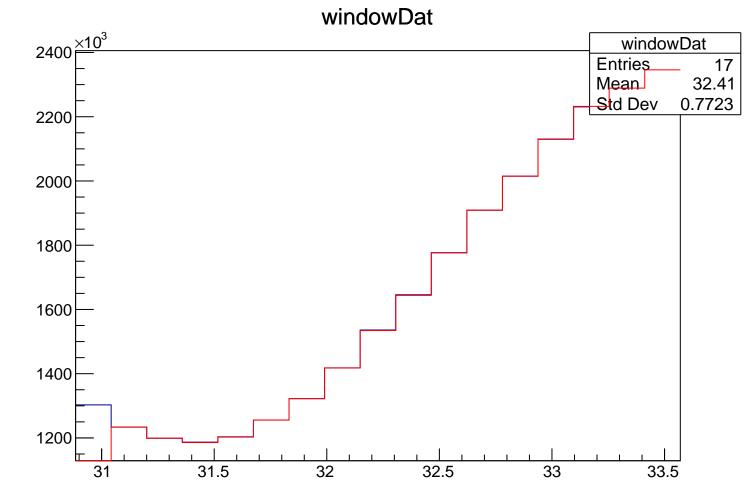




windowDat $\times 10^3$ windowDat Entries 17 2600 29.47 Mean Std Dev 0.7307 2400 2200 2000 1800 1600 28.5 29 29.5 30 30.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 12000 2.566e+06 Mean Std Dev 7.487e+05 10000 8000 6000 4000 2000 0, 1000 3000 500 1500 2000 2500

Frequency (Hz)



FFT of Residuals FFT of Residuals 6000 Power (arb. units) **Entries** 2.435e+06 Mean Std Dev 7.506e+05 5000 4000 3000 2000 1000

1500

2000

2500

3000

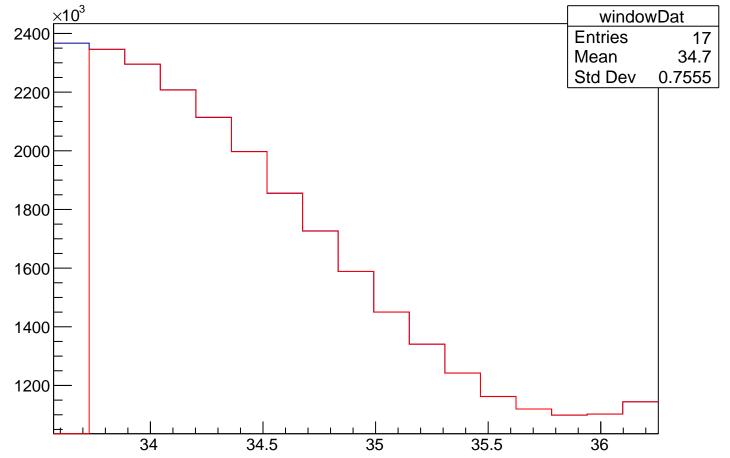
Frequency (Hz)

0,

500

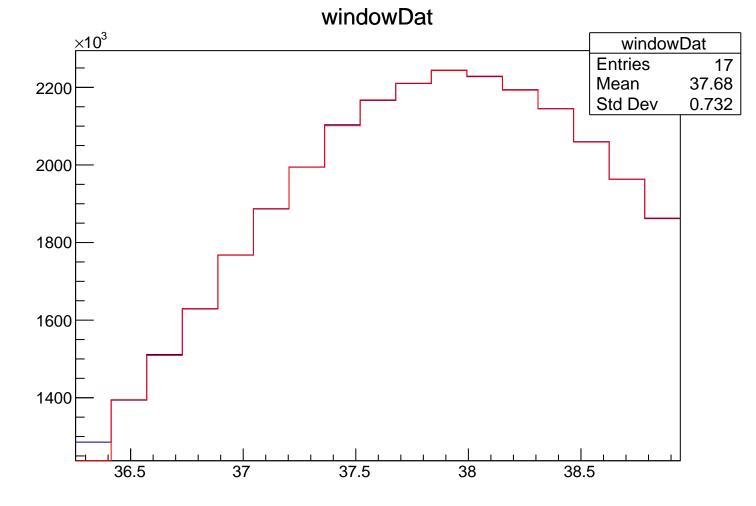
1000

windowDat



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 12000 2.269e+06 Mean Std Dev 8.106e+05 10000 8000 6000 4000 2000 1500 3000 500 1000 2000 2500

Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.963e+06 Mean Std Dev 8.255e+05 Frequency (Hz)

windowDat $\times 10^3$ windowDat Entries 17 1700 40.31 Mean Std Dev 0.8275 1600 1500 1400 1300 1200 1100

40.5

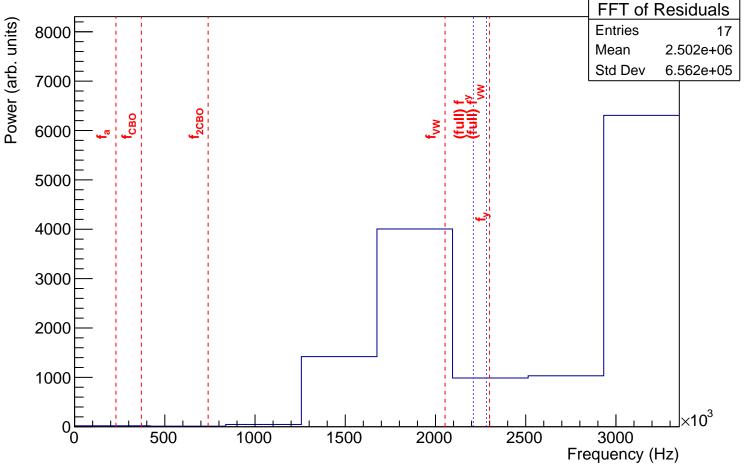
41

41.5

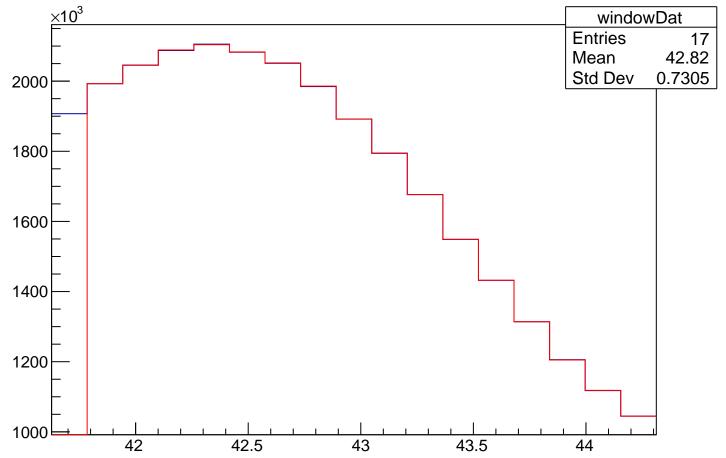
40

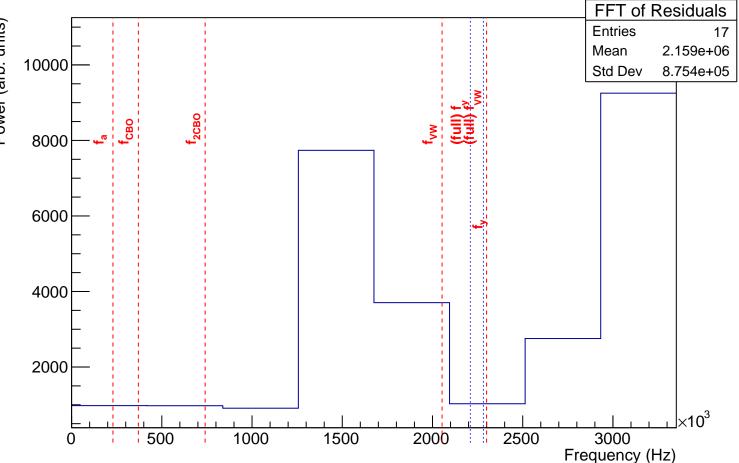
39

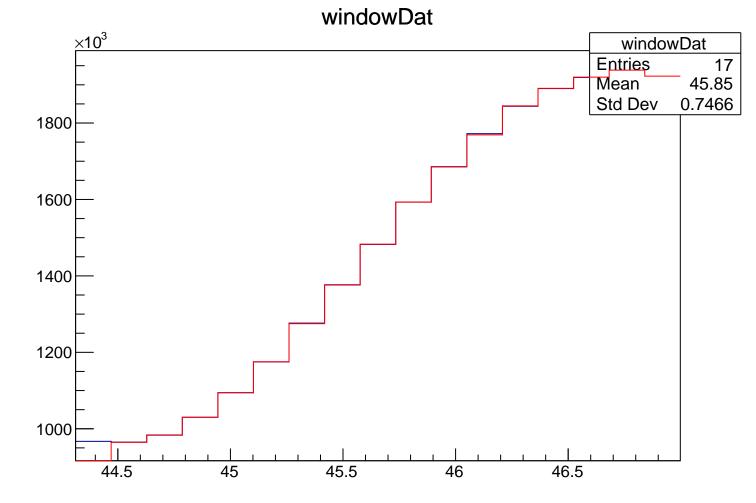
39.5

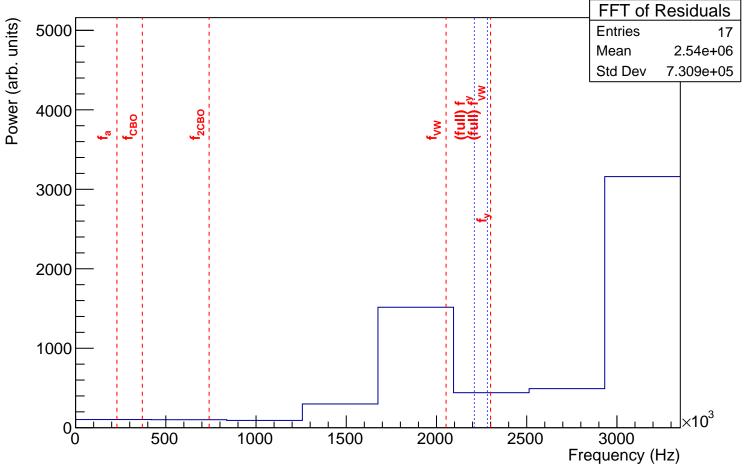


windowDat









windowDat $\times 10^3$ windowDat Entries 17 48.16 Mean 1800 Std Dev 0.7879 1600 1400 1200 1000

48.5

49

49.5

47

47.5

48

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 7000 2.477e+06 Mean Std Dev 7.061e+05 6000 5000 4000 3000 2000 1000

1500

2000

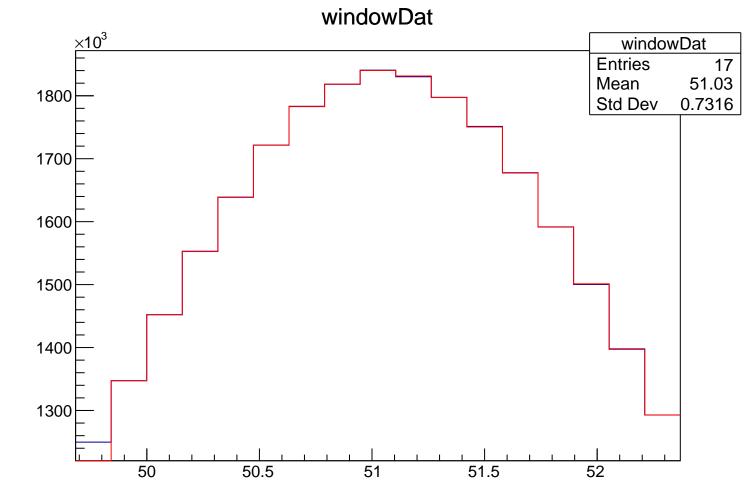
2500

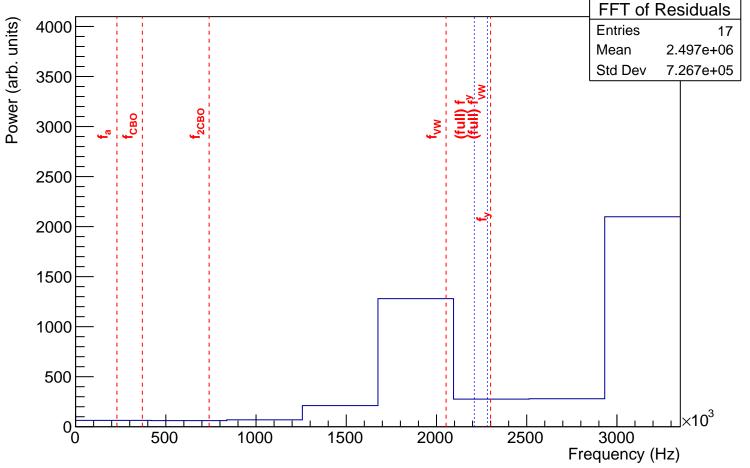
500

1000

3000

Frequency (Hz)

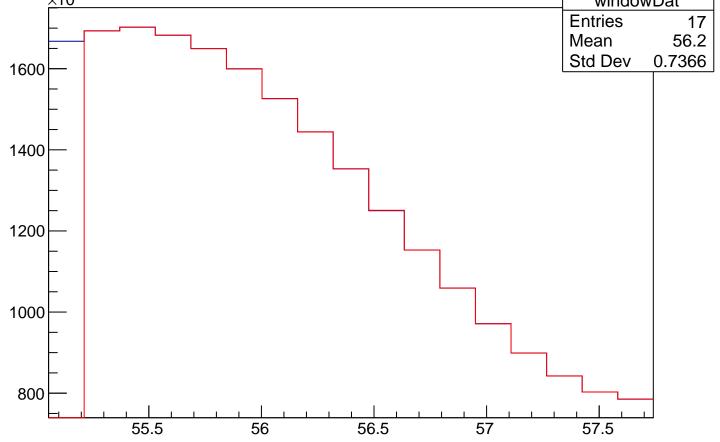




windowDat 1600 × 10³ windowDat Entries 17 53.84 Mean Std Dev 0.806 1500 1400 1300 1200 1100 1000 900 53.5 52.5 53 54 54.5 55

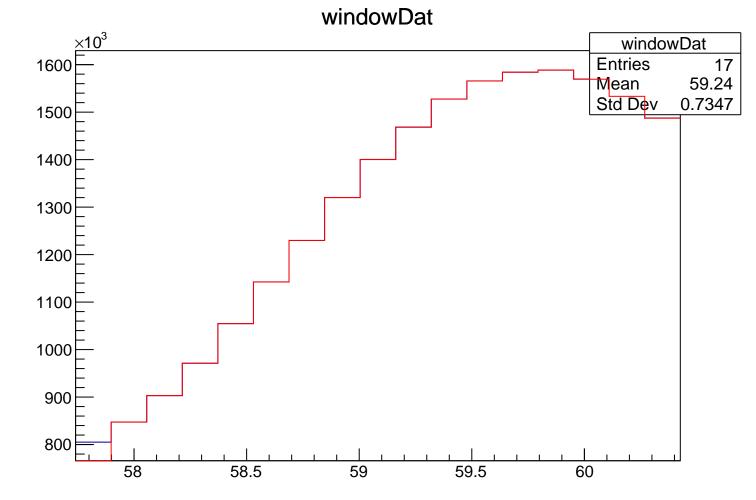
FFT of Residuals FFT of Residuals 5000 Power (arb. units) **Entries** 2.003e+06 Mean Std Dev 5.979e+05 4000 3000 2000 1000 0, 3000 500 1000 1500 2000 2500 Frequency (Hz)

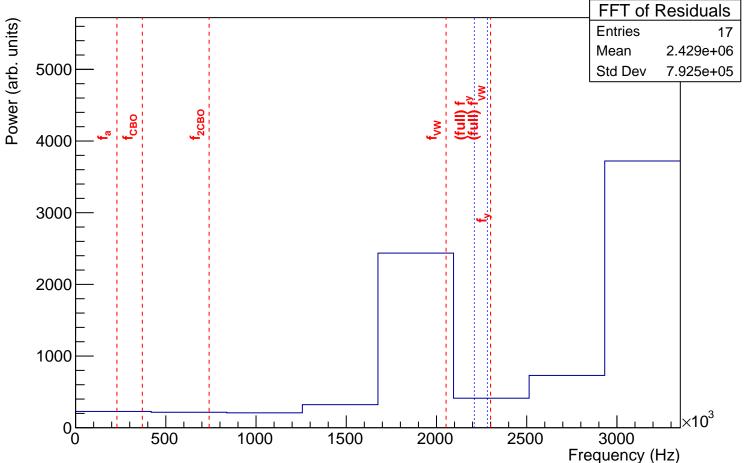
windowDat $\times 10^3$ windowDat Entries 17 56.2 Mean Std Dev 0.7366 1600 1400 1200 1000



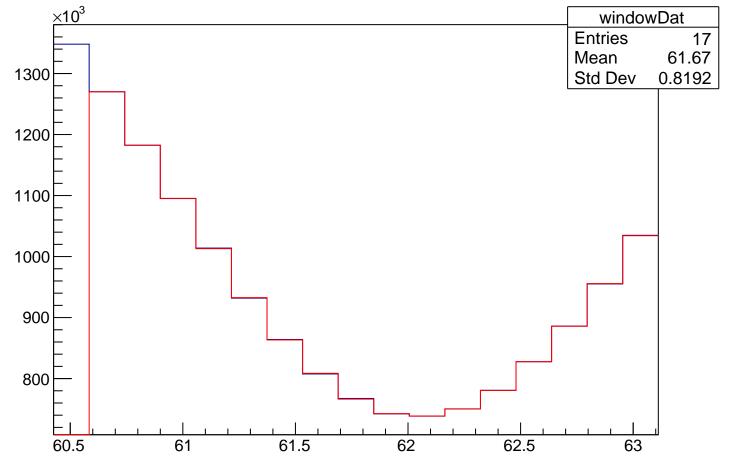
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 2.269e+06 Std Dev 8.7e+05

Frequency (Hz)





windowDat

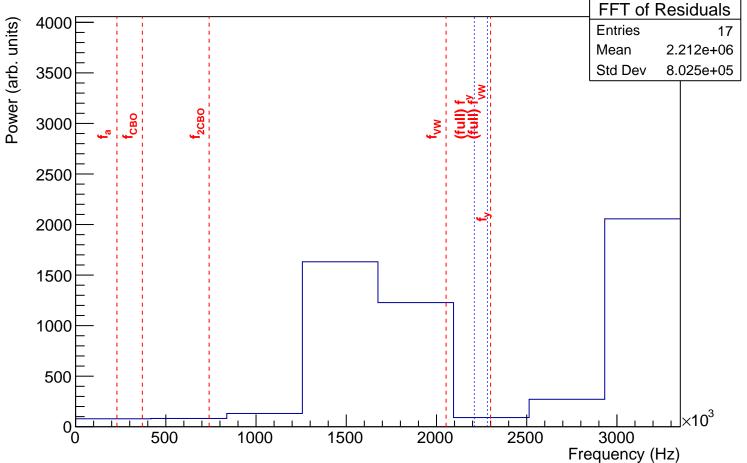


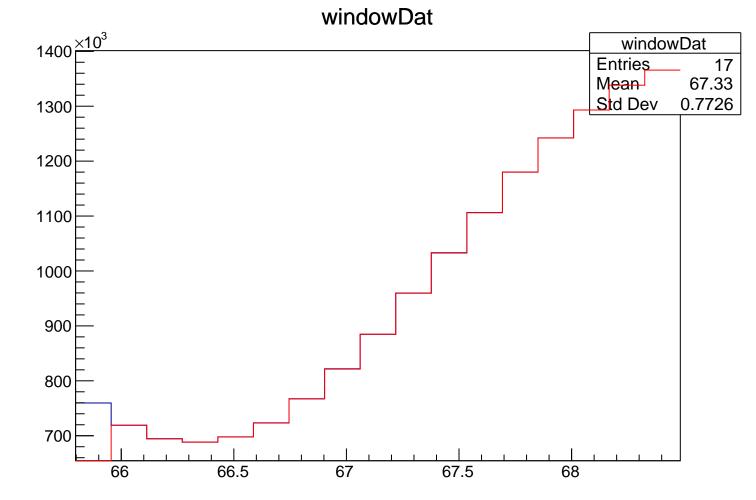
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 5000 2.236e+06 Mean Std Dev 8.416e+05 4000 3000 2000 1000 0 3000 500 1000 1500 2000 2500

Frequency (Hz)

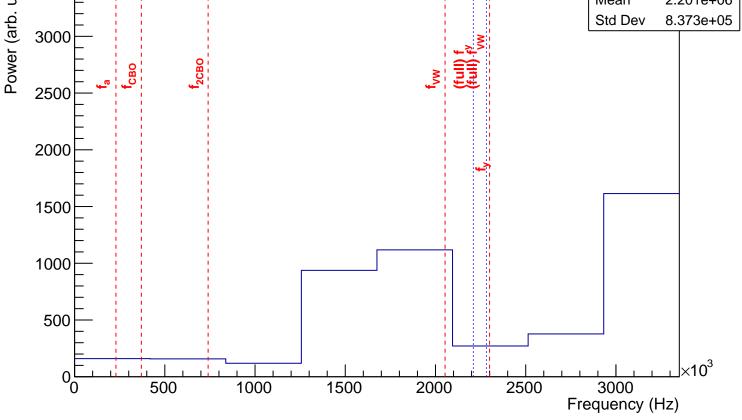
windowDat $\times 10^3$ windowDat Entries 17 1500 64.38 Mean 0.7309 Std Dev 1400 1300 1200 1100 1000 900 63.5 64.5 65 65.5

64





FFT of Residuals FFT of Residuals Power (arb. units) 3500 **Entries** 2.201e+06 Mean Std Dev 8.373e+05 3000 2500 2000



windowDat windowDat 1400 Entries 17 69.61 Mean Std Dev 0.7557 1300 1200 1100 1000 900 800 700

70

70.5

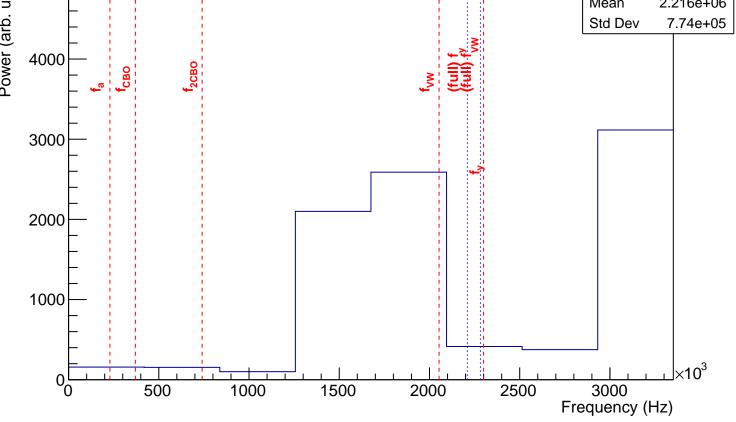
71

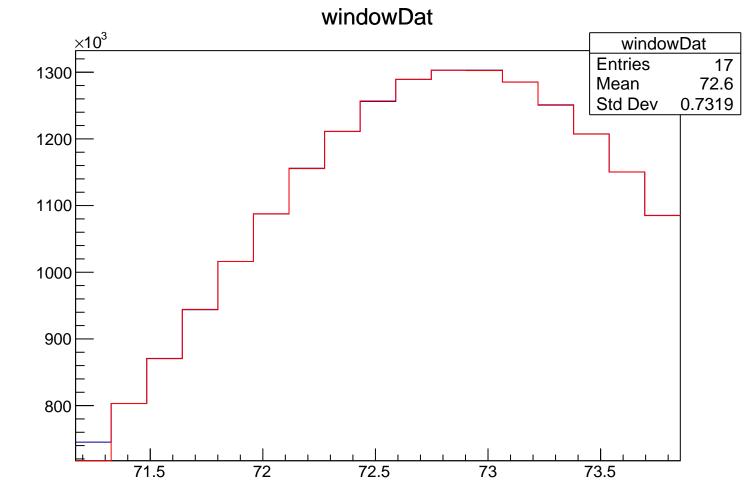
68.5

69

69.5

FFT of Residuals FFT of Residuals 5000 Power (arb. units) **Entries** 2.216e+06 Mean Std Dev 7.74e+05 4000 3000





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.175e+06 Mean 3000 6.705e+05 Std Dev 2500 2000 1500 1000 500

1500

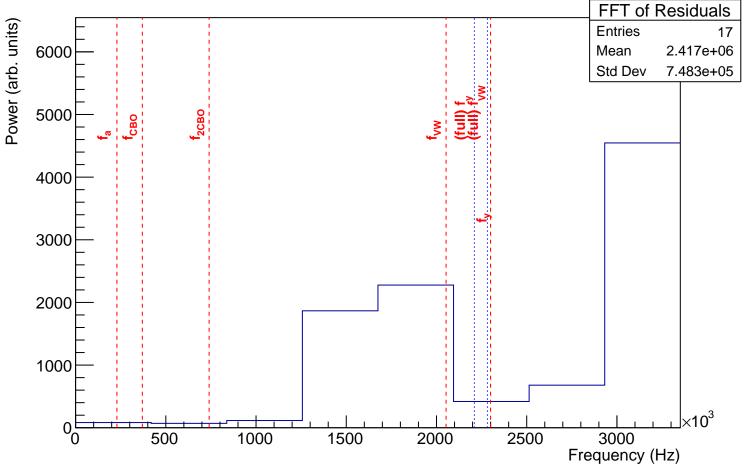
2000

2500

3000 Frequency (Hz)

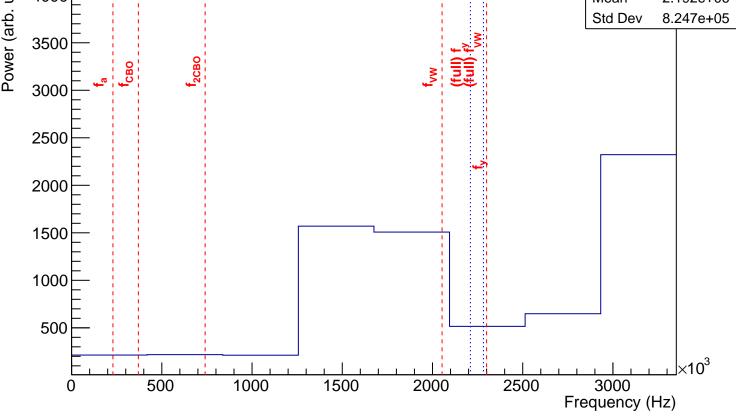
500

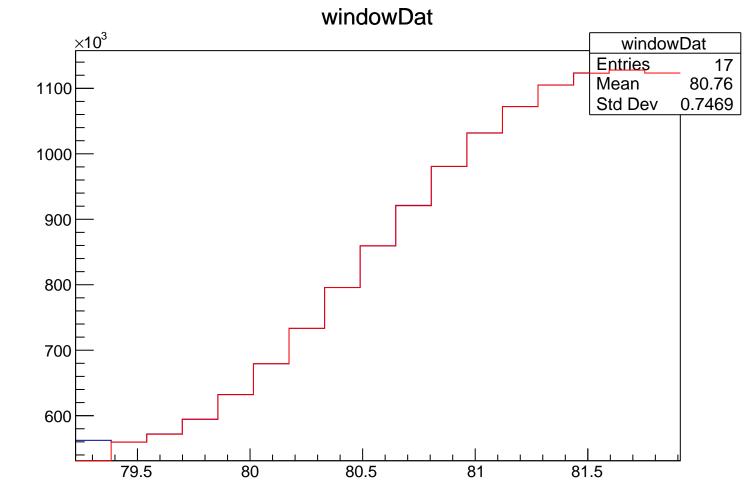
windowDat windowDat 1000 Entries 17 75.22 Mean Std Dev 0.8277 950 900 850 800 750 700 650 600 75.5 74 74.5 75 76.5 76

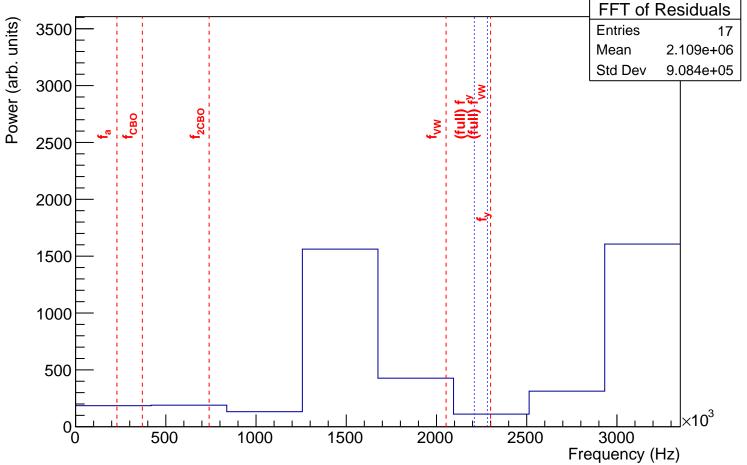


windowDat ×10³ windowDat Entries 17 1200 Mean 77.74 Std Dev 0.7311 1100 1000 900 800 700 600 77 77.5 78 78.5 79

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 4000 2.192e+06 Mean Std Dev 8.247e+05 3500 3000 2500 2000 1500







windowDat $\times 10^3$ windowDat Entries 17 83.07 Mean Std Dev 0.7875 1000 900 800 700 600

83.5

84

84.5

500

82

82.5

FFT of Residuals FFT of Residuals Power (arb. units) 5000 **Entries** 2.345e+06 Mean Std Dev 7.579e+05 4000 3000 2000 1000

1500

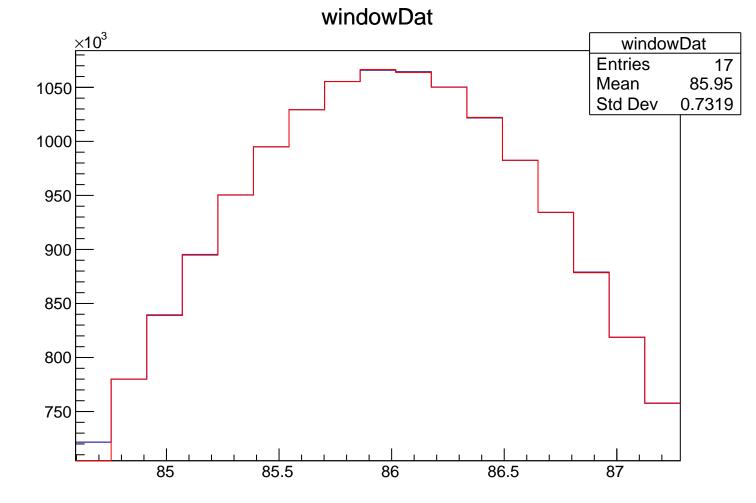
2000

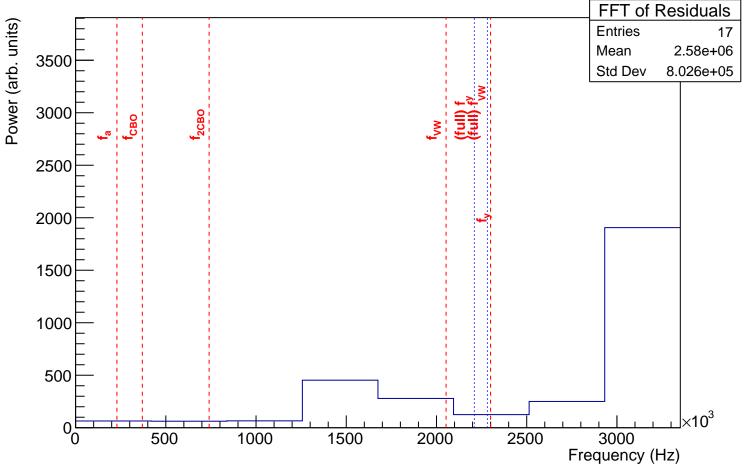
2500

3000 Frequency (Hz)

1000

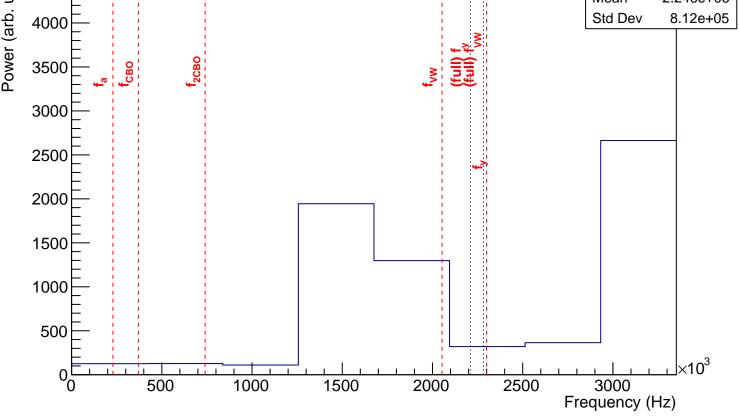
500



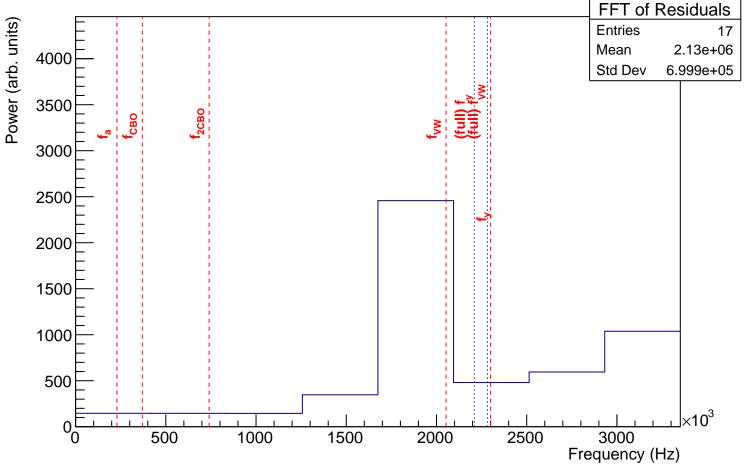


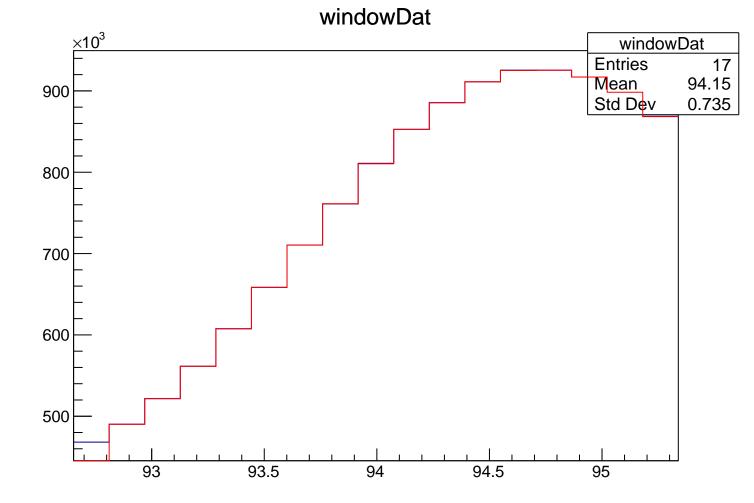
windowDat ×10³ windowDat Entries 17 900 88.75 Mean Std Dev 0.807 850 800 750 700 650 600 550 500 87.5 88 88.5 89 89.5

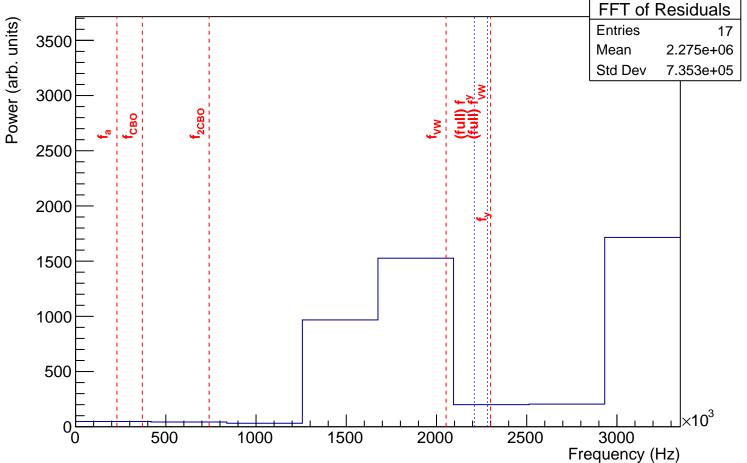
FFT of Residuals FFT of Residuals Power (arb. units) 4500 **Entries** 2.246e+06 Mean Std Dev 8.12e+05 4000 3500 3000 2500 2000



windowDat $\times 10^3$ windowDat 1000 Entries 17 91.11 Mean Std Dev 0.737 900 800 700 600 500 90 92.5 90.5 91 91.5 92







windowDat windowDat 800 Entries 17 96.59 Mean Std Dev 0.8191 750 700 650 600 550 500 450

97

97.5

98

96.5

95.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.055e+06 Mean 3000 7.434e+05 Std Dev 2500 2000 1500 1000 500

1500

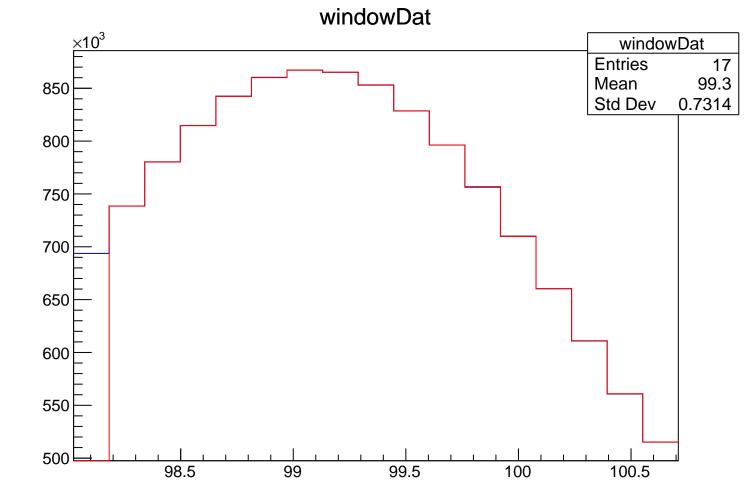
2000

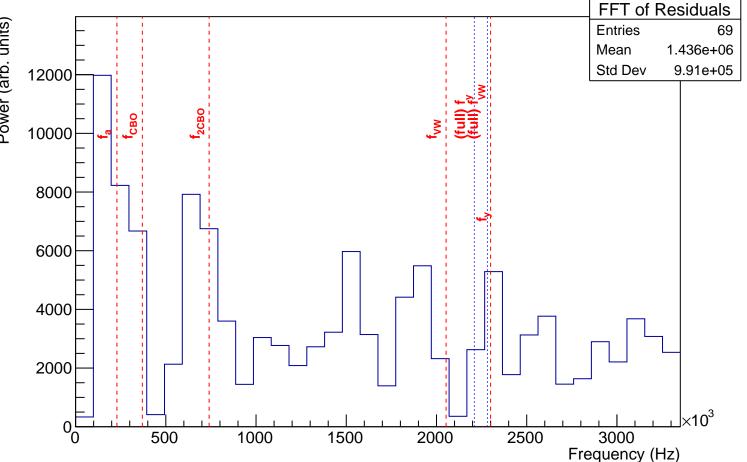
2500

3000 Frequency (Hz)

1000

500



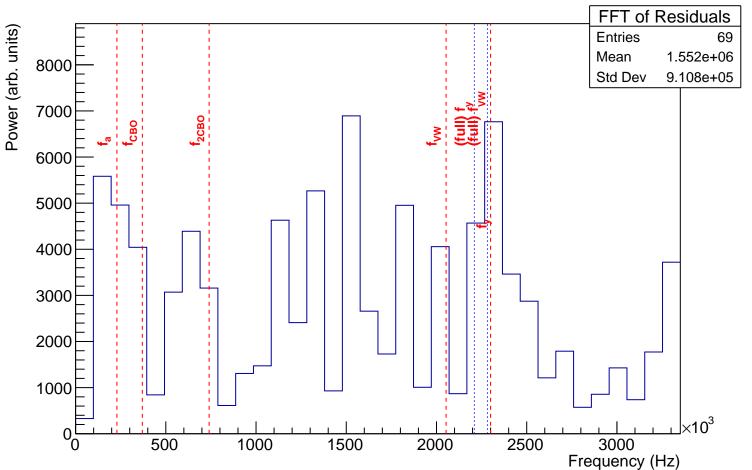


windowDat ×10³ windowDat Entries 105.8 Mean 2.865 Std Dev

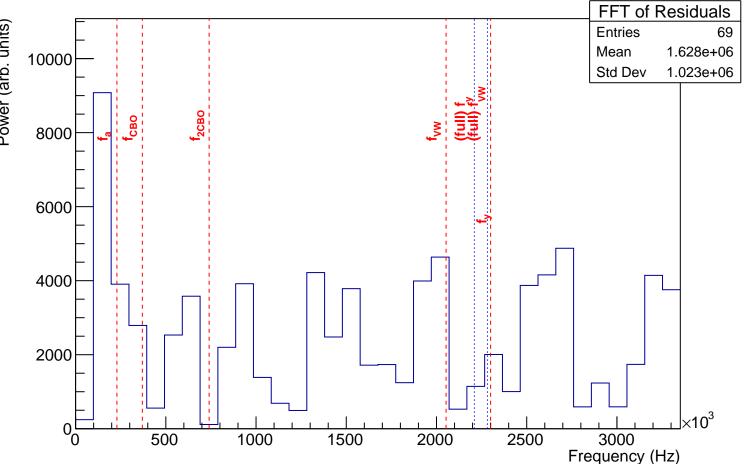
FFT of Residuals FFT of Residuals 12000 **Entries** 69 Mean 1.58e+06 9.83e+05 Std Dev 10000 8000 6000 4000 2000 0, 3000 500 1000 1500 2000 2500

Frequency (Hz)

windowDat ×10³ windowDat Entries 116.5 Mean Std Dev 3.151



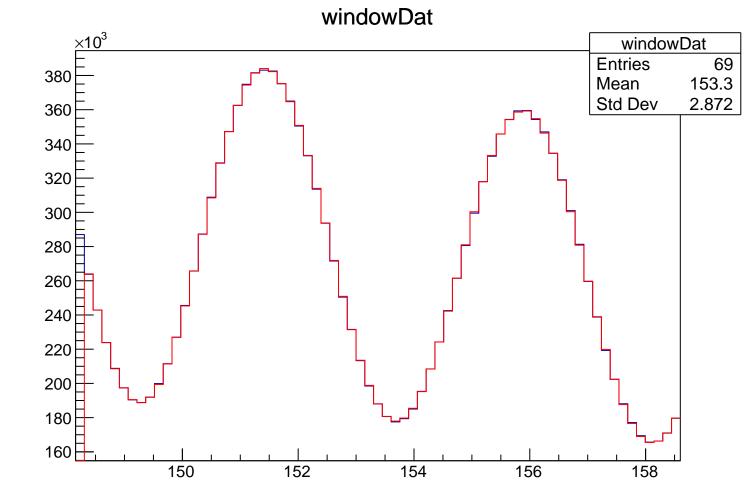
windowDat windowDat Entries 132.3 Mean Std Dev 2.915



windowDat ×10³ windowDat Entries 142.8 Mean Std Dev 3.147

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.613e+06 Std Dev 9.655e+05

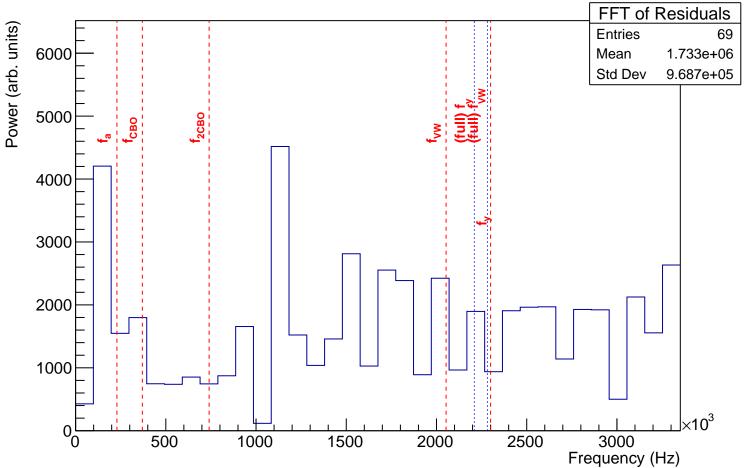
Frequency (Hz)

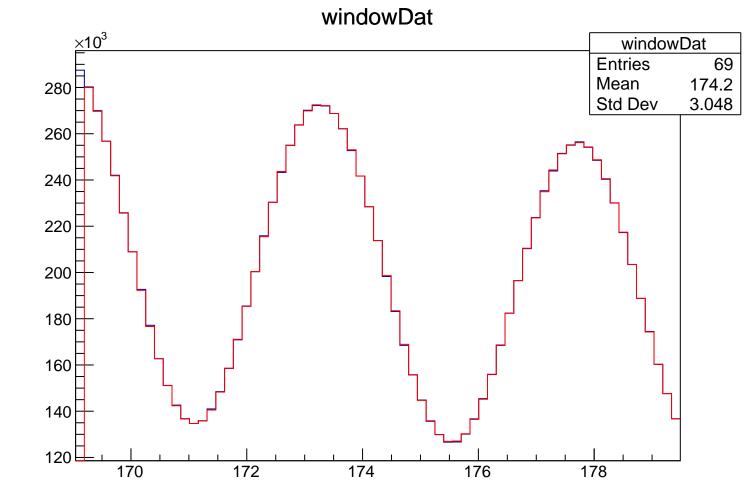


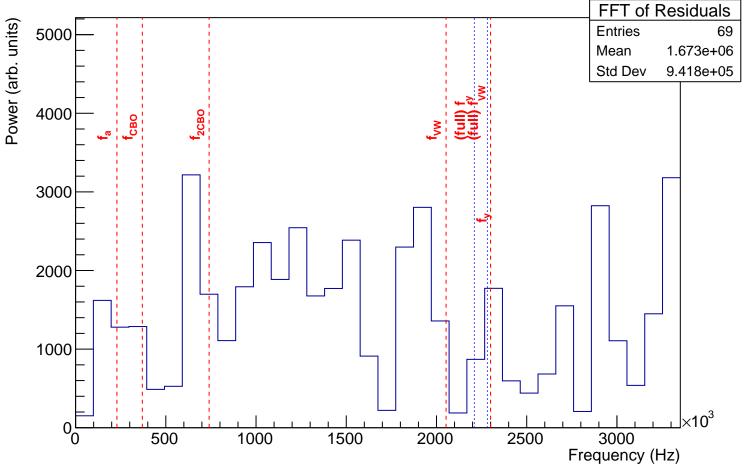
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.56e+06 Mean 1.01e+06 Std Dev

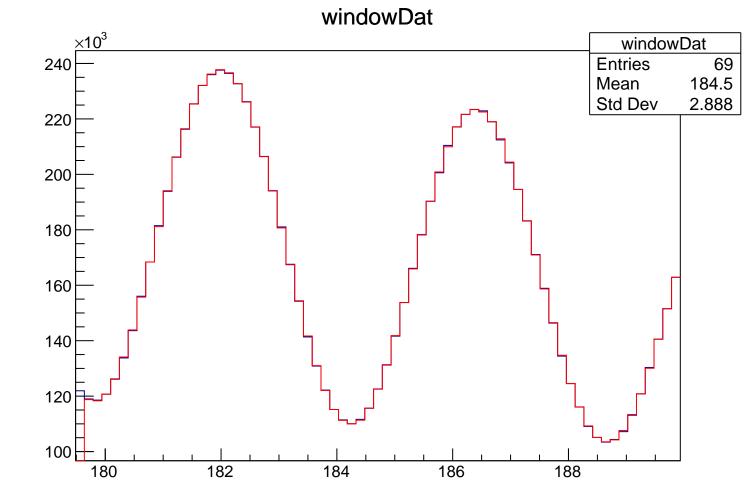
Frequency (Hz)

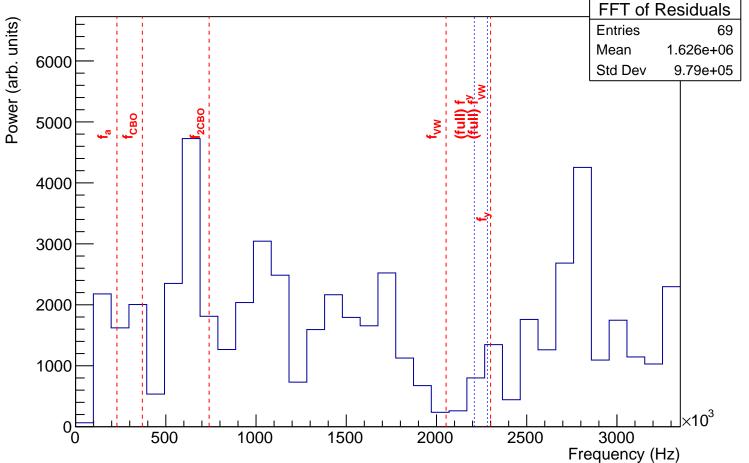
windowDat 340 × 10³ windowDat Entries 163.6 Mean 3.07 Std Dev



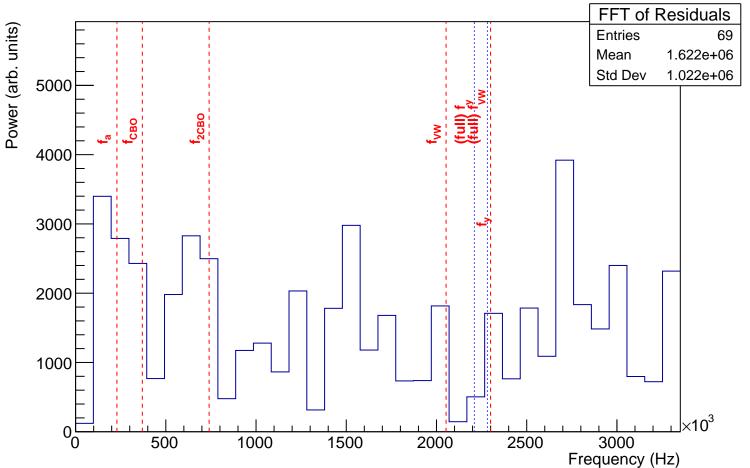


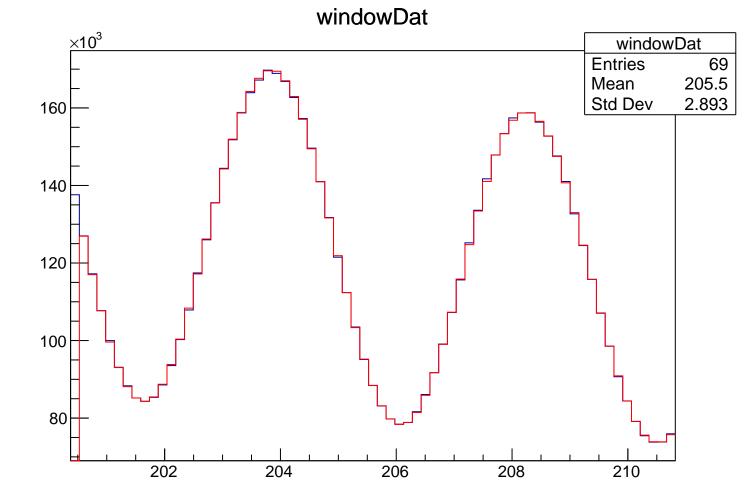




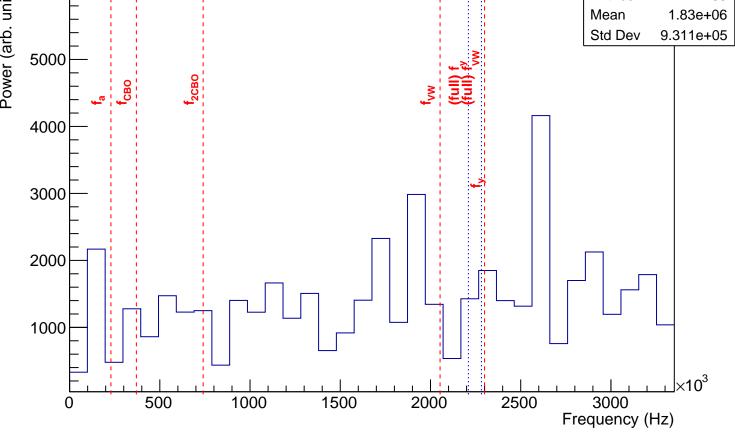


windowDat $\times 10^3$ windowDat Entries Mean Std Dev 3.152



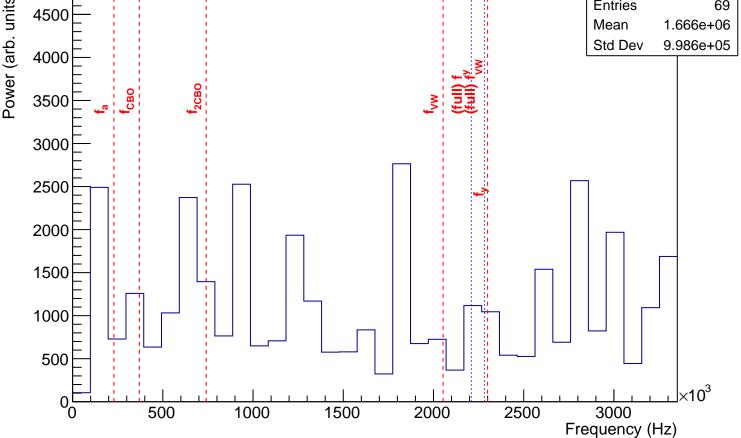


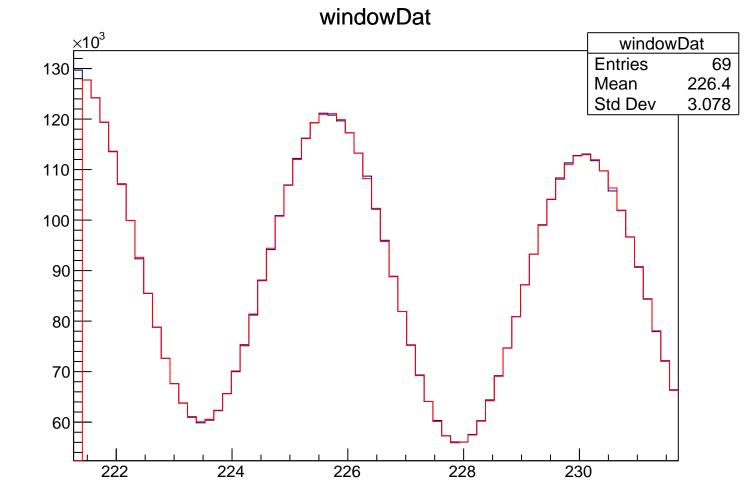
FFT of Residuals FFT of Residuals Power (arb. units) 6000 **Entries** 69 Mean 1.83e+06 9.311e+05 Std Dev 5000 4000 3000 2000

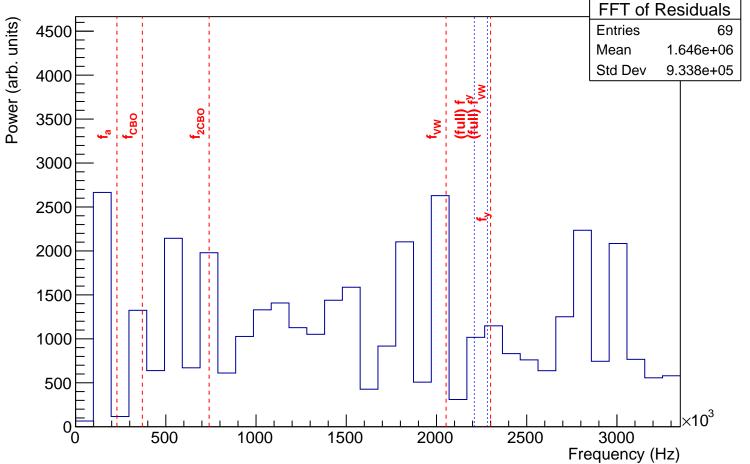


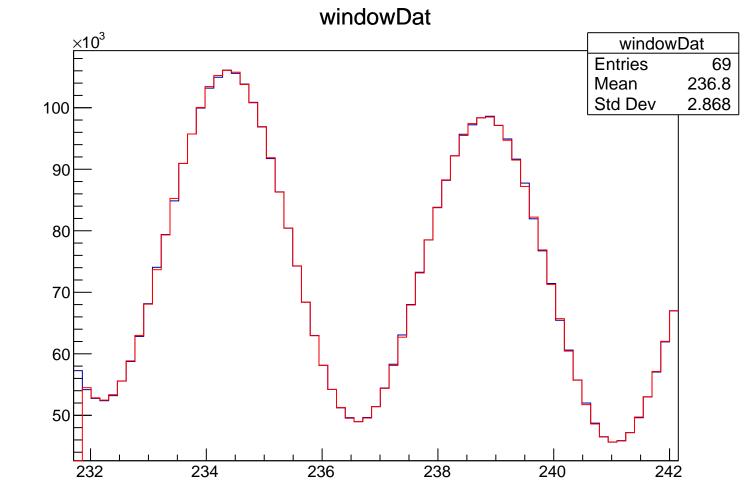
windowDat ×10³ windowDat Entries 215.8 Mean Std Dev 3.041

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 4500 1.666e+06 Mean Std Dev 9.986e+05 4000 3500 3000 2500





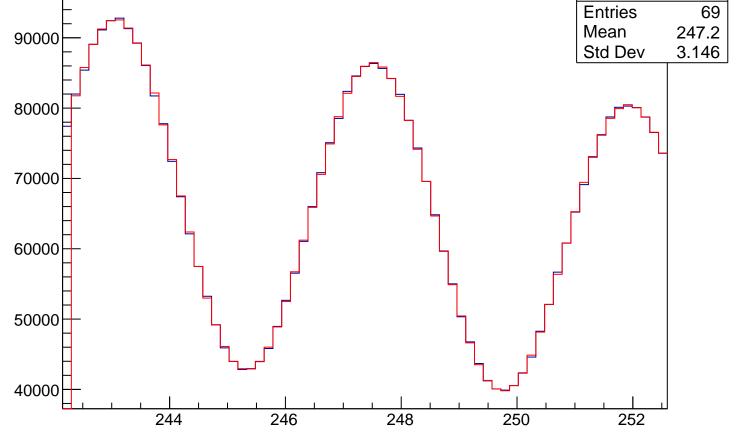




FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.752e+06 8.95e+05 Std Dev

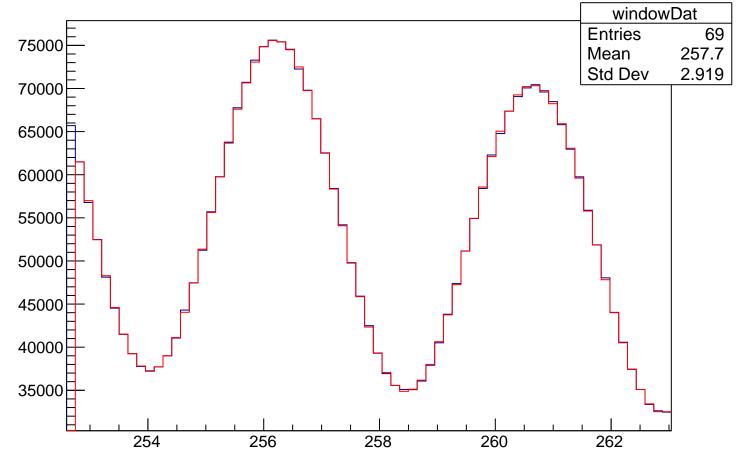
Frequency (Hz)

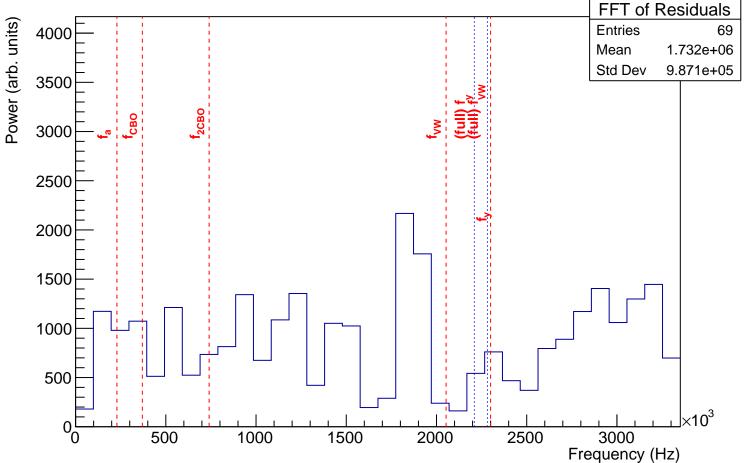
windowDat windowDat Entries 69 Mean 247.2 90000 3.146 Std Dev 80000 70000 60000



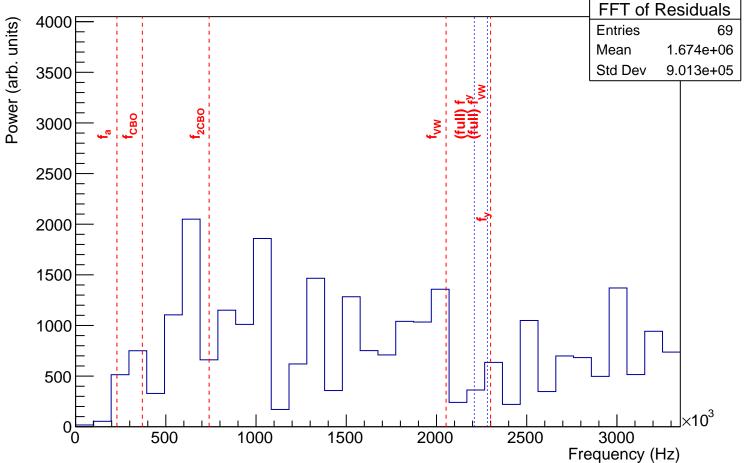
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.82e+06 9.807e+05 Std Dev

Frequency (Hz)

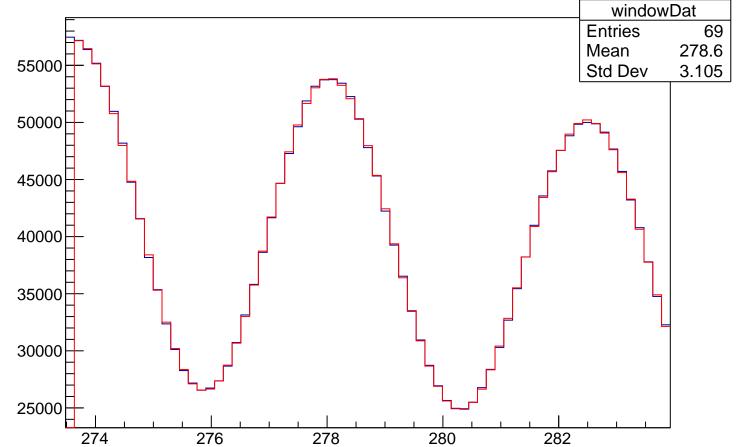


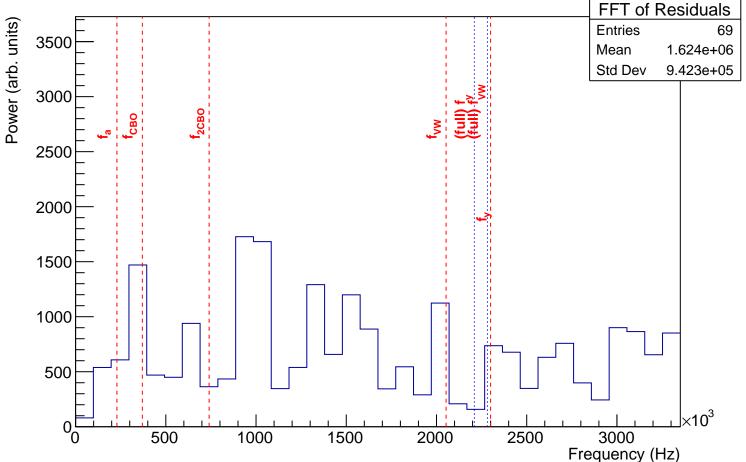


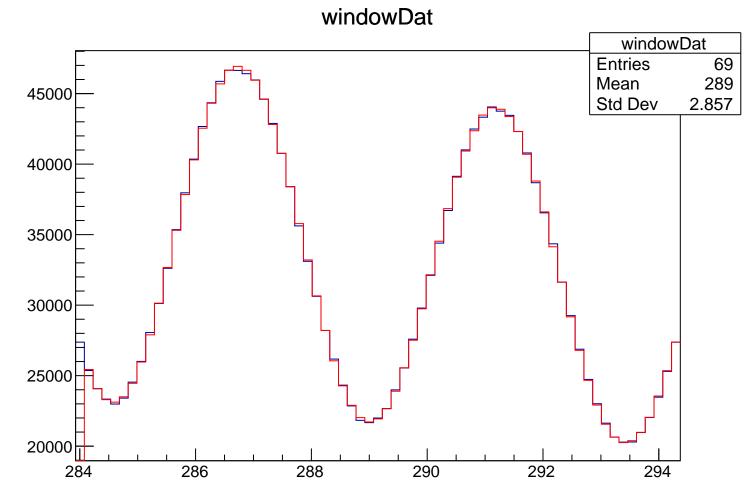
windowDat windowDat **Entries** Mean 3.006 Std Dev

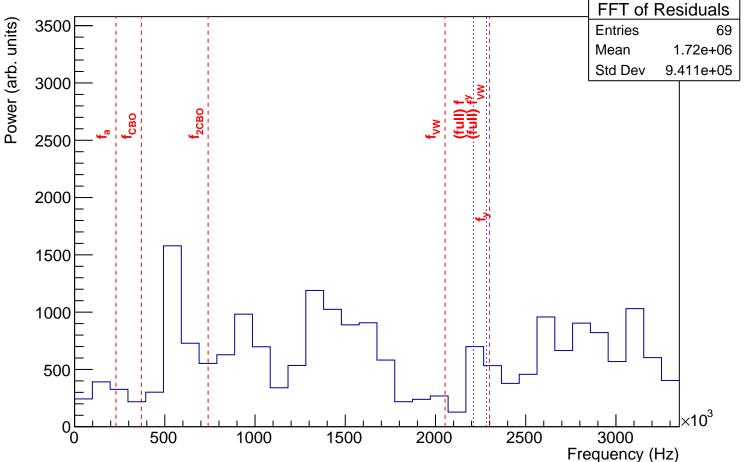


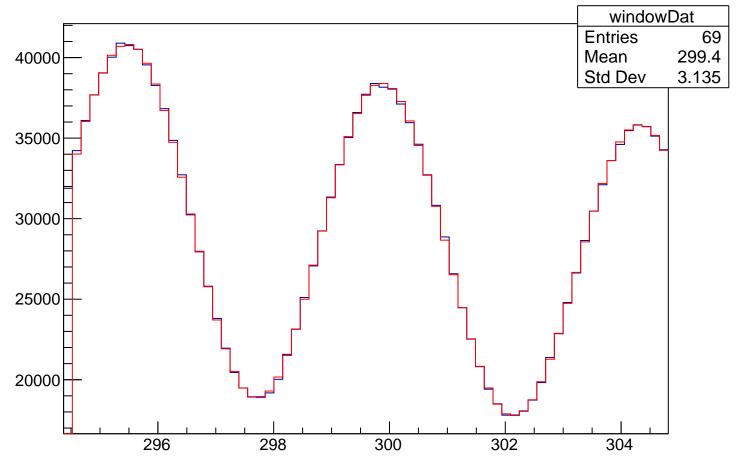
windowDat **Entries** Mean 55000 50000

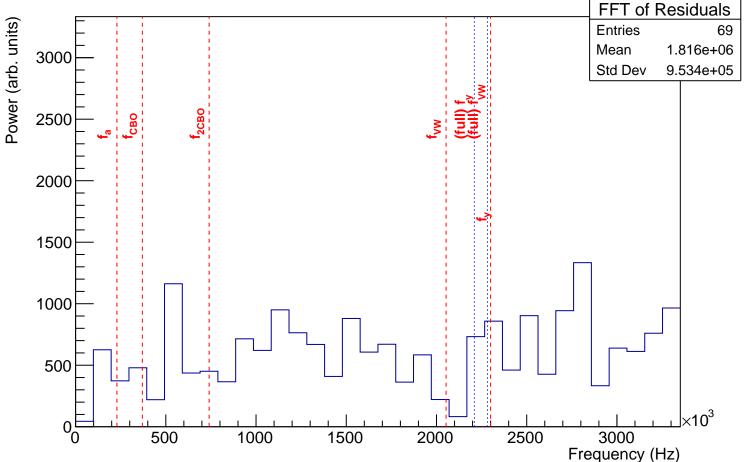


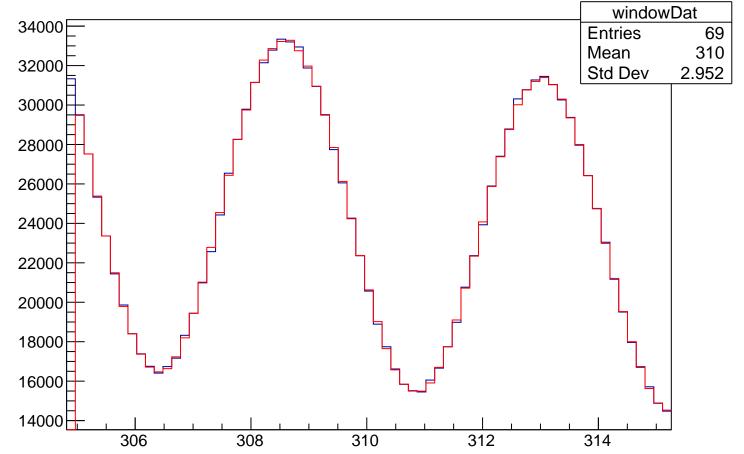


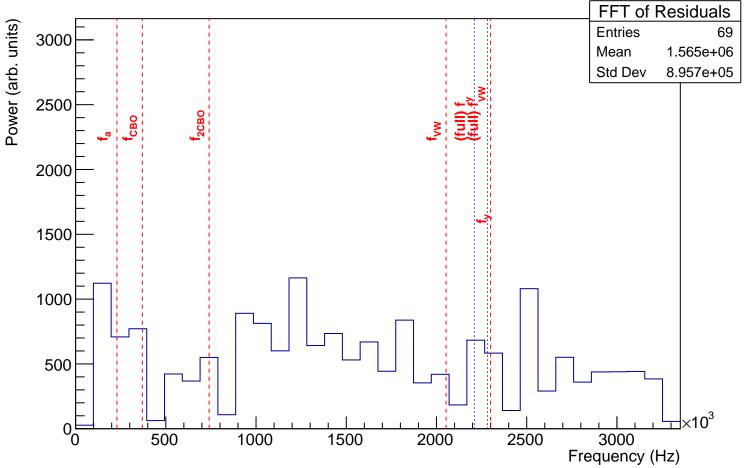




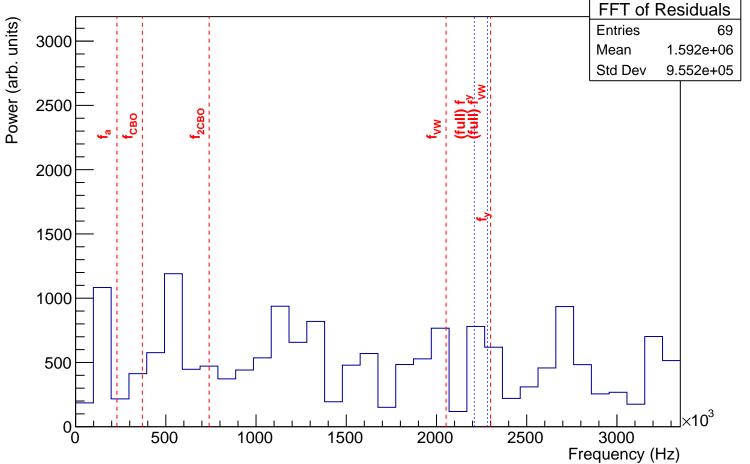


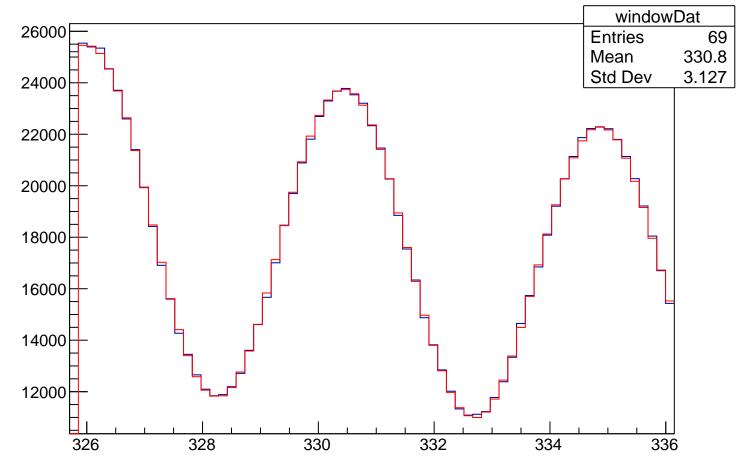


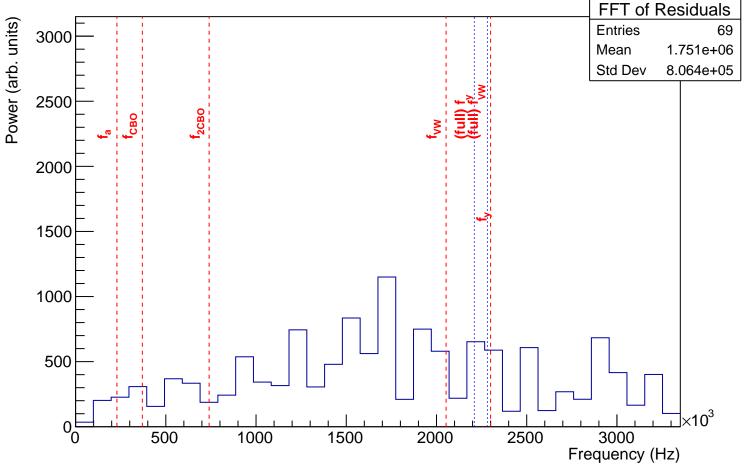




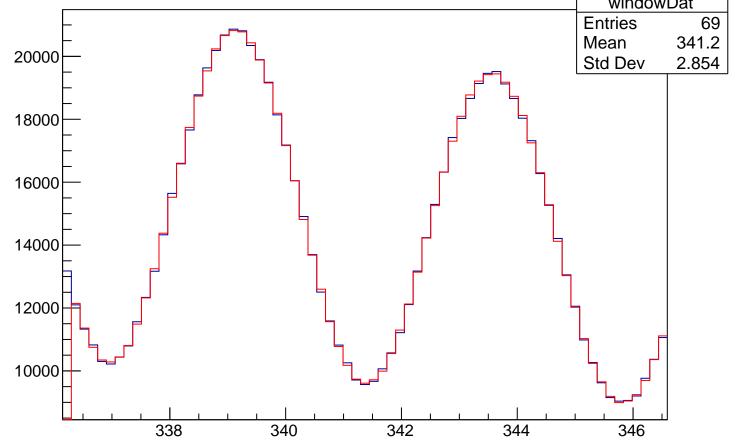
windowDat windowDat **Entries** 320.3 Mean Std Dev 2.971 12000 🖶

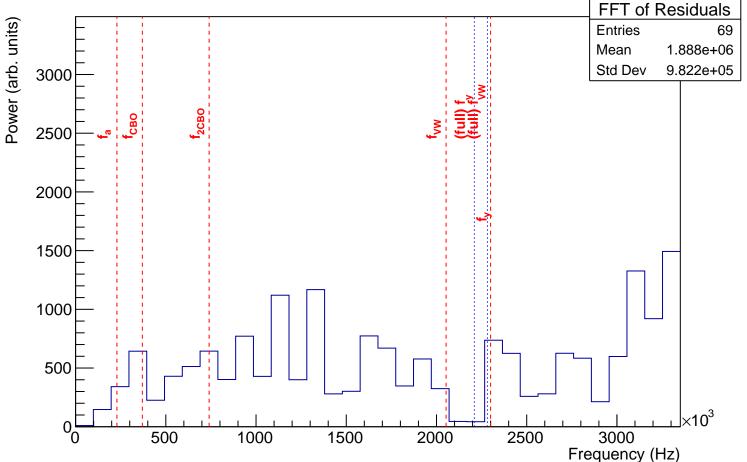


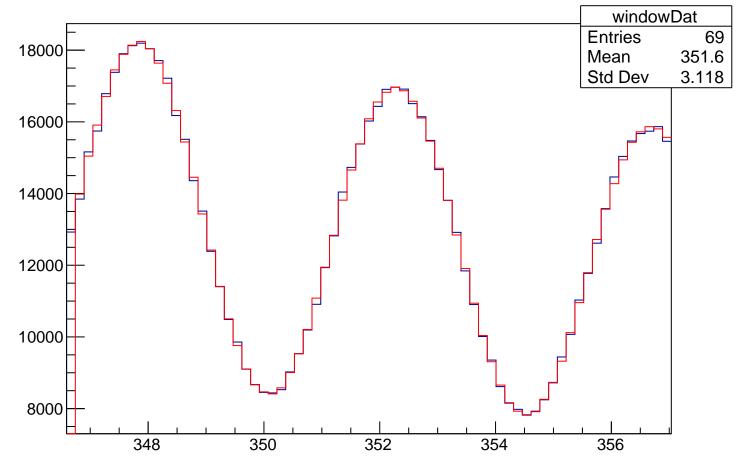


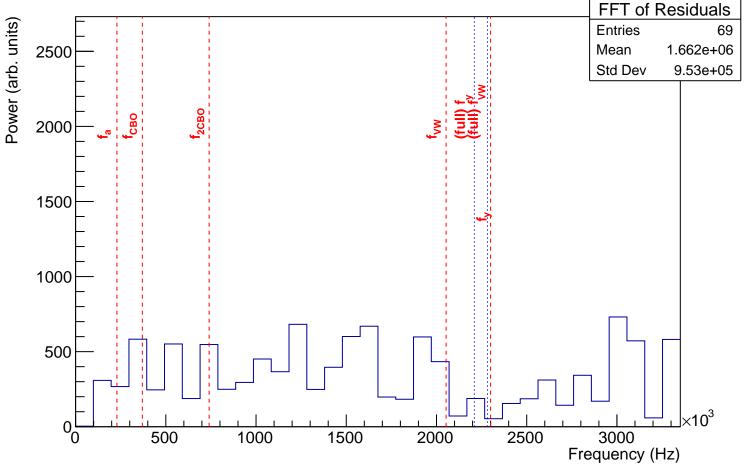


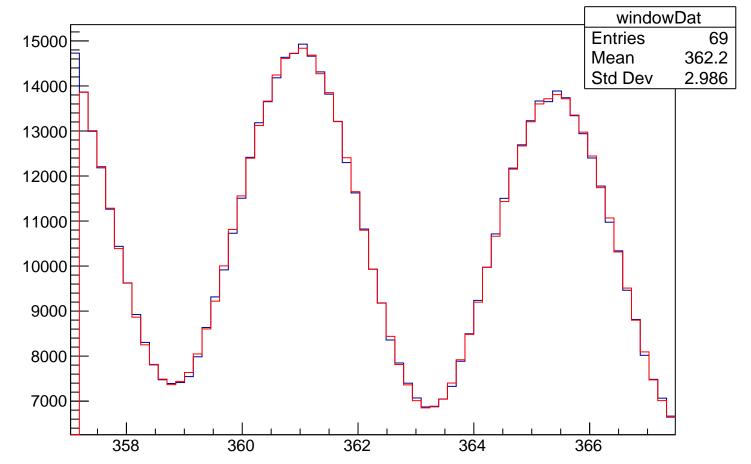
windowDat windowDat Entries 69 341.2 Mean 20000 Std Dev 2.854 18000 16000 14000











FFT of Residuals FFT of Residuals 3000 **Entries** Mean Std Dev 2500

