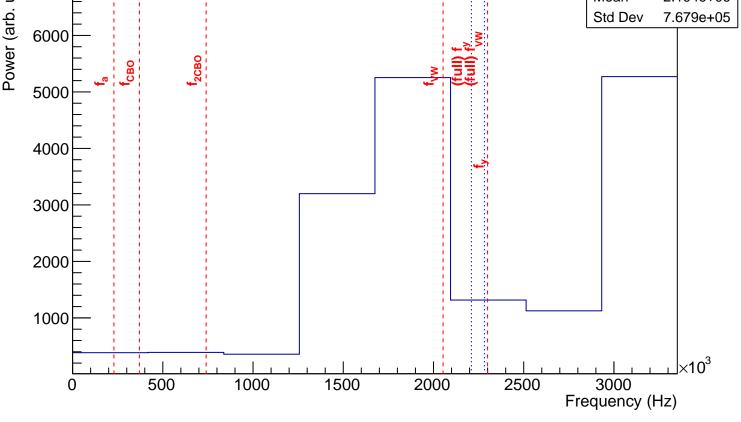
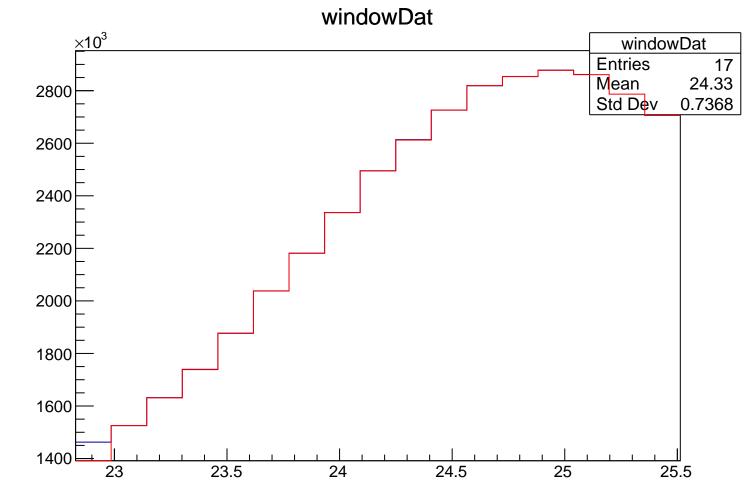
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 6000 2.214e+06 Mean Std Dev 7.964e+05 5000 4000 3000 2000 1000 3000 500 1000 1500 2000 2500

Frequency (Hz)

windowDat $\times 10^3$ windowDat **Entries** 17 3000 21.29 Mean Std Dev 0.7409 2800 2600 2400 2200 2000 1800 1600 1400 20.5 21 21.5 22 22.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 7000 Mean 2.194e+06 Std Dev 7.679e+05 6000 5000 4000 3000

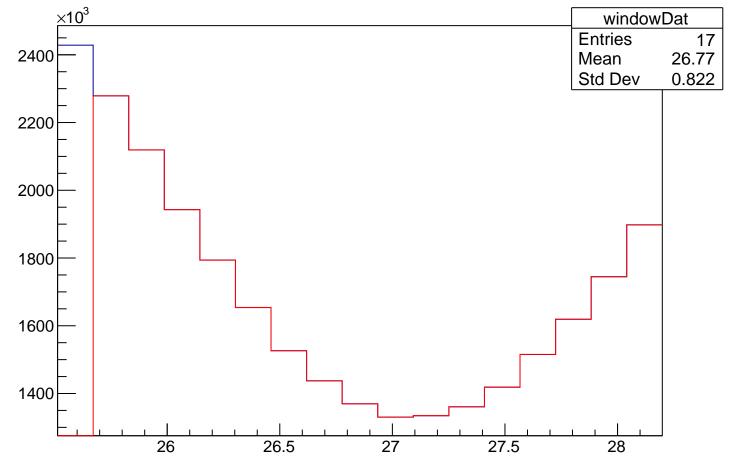


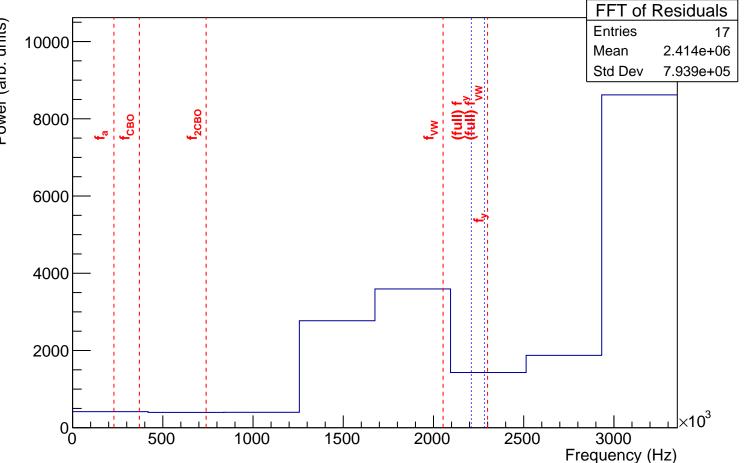


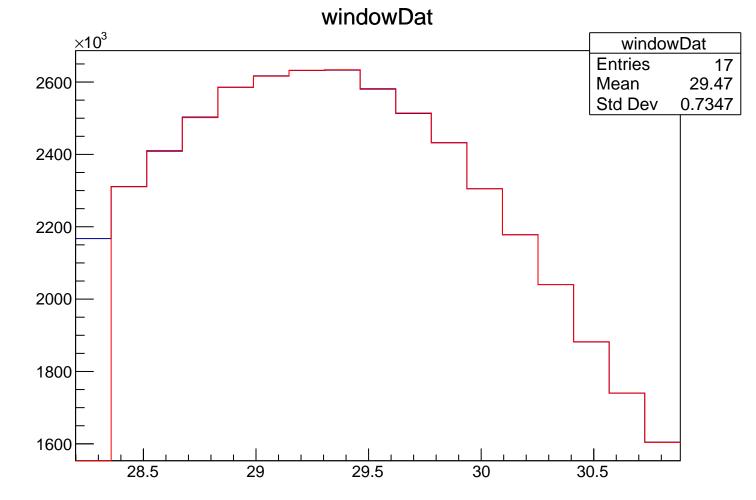
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.192e+06 Mean Std Dev 7.983e+05

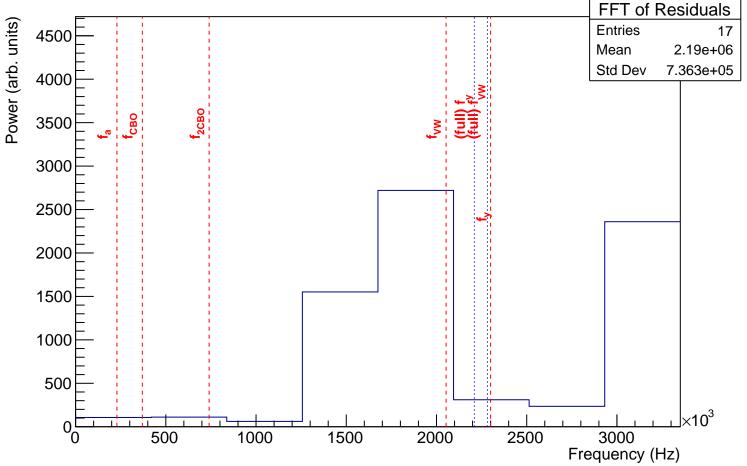
Frequency (Hz)

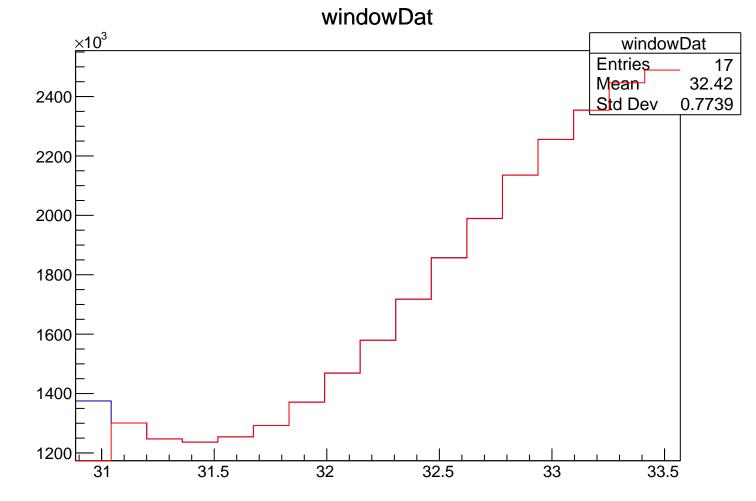
windowDat

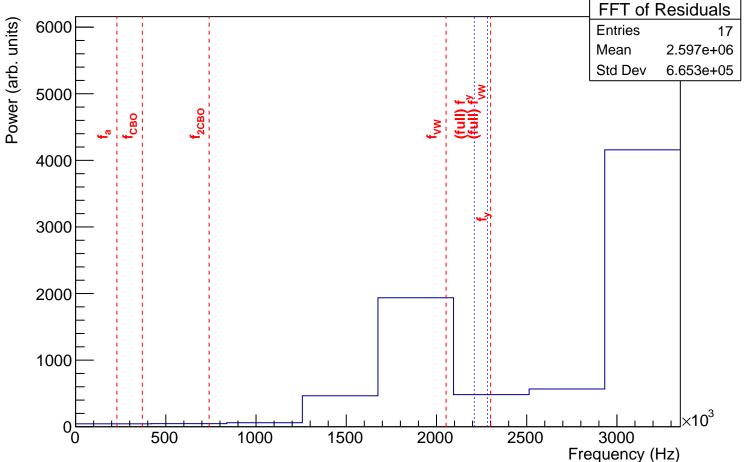




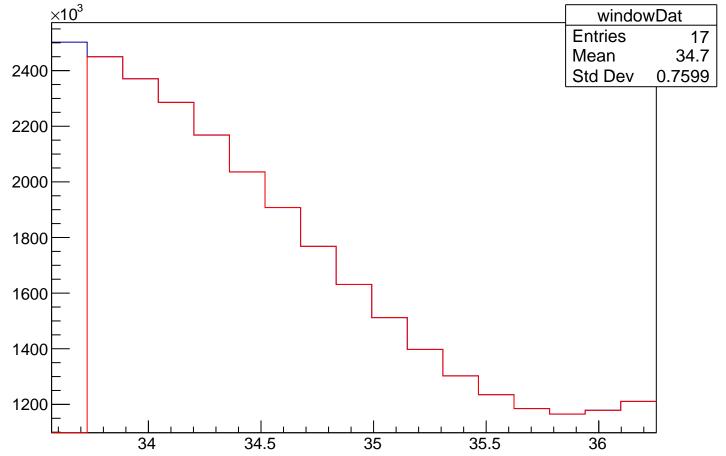




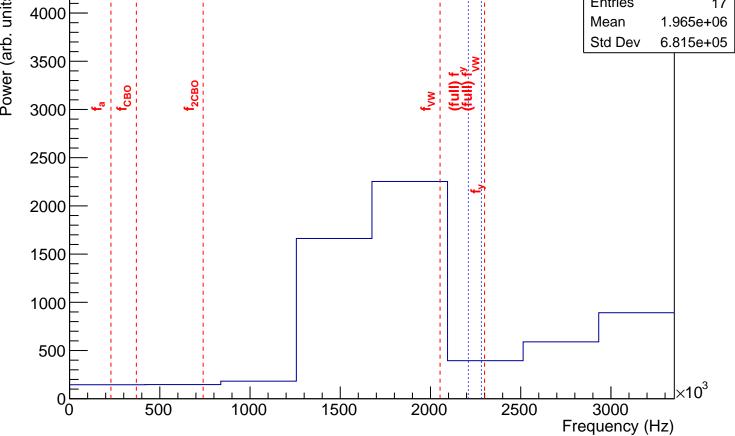


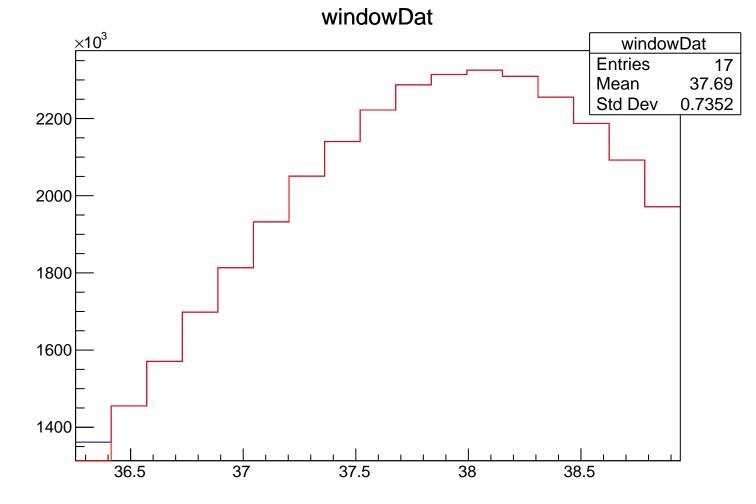


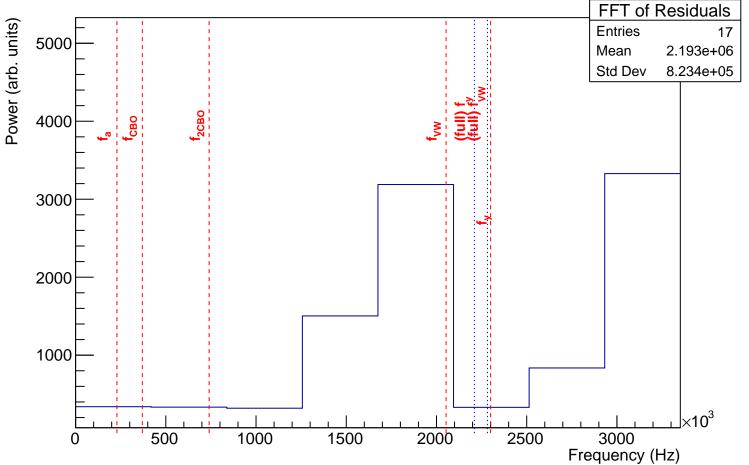
windowDat $\times 10^3$



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 4000 1.965e+06 Mean Std Dev 6.815e+05 3500 3000 2500







windowDat $\times 10^3$ windowDat Entries 17 1800 40.31 Mean Std Dev 0.8293 1700 1600 1500 1400 1300 1200 1100

40.5

41

41.5

40

39

39.5

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.03e+06 Mean 3500 Std Dev 7.866e+05 3000 2500 2000 1500 1000 500

1500

2000

2500

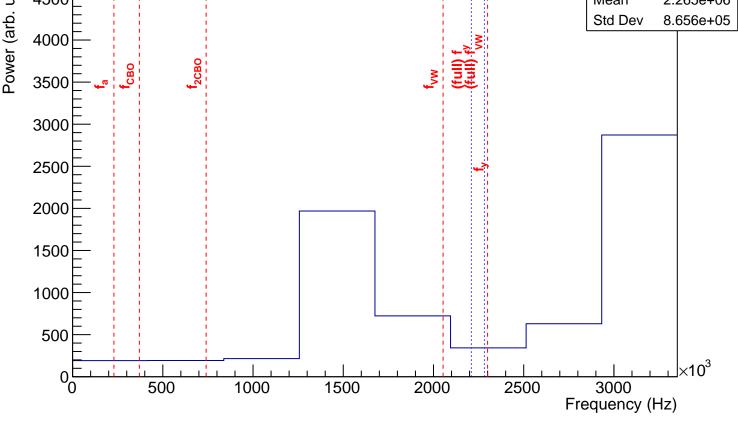
3000 Frequency (Hz)

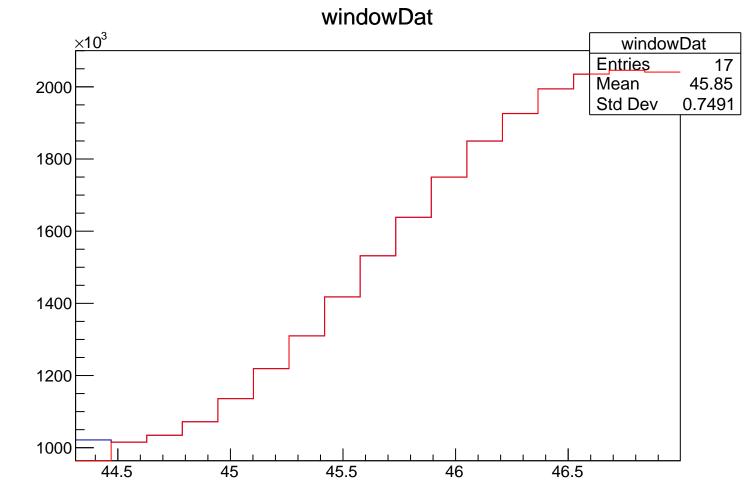
1000

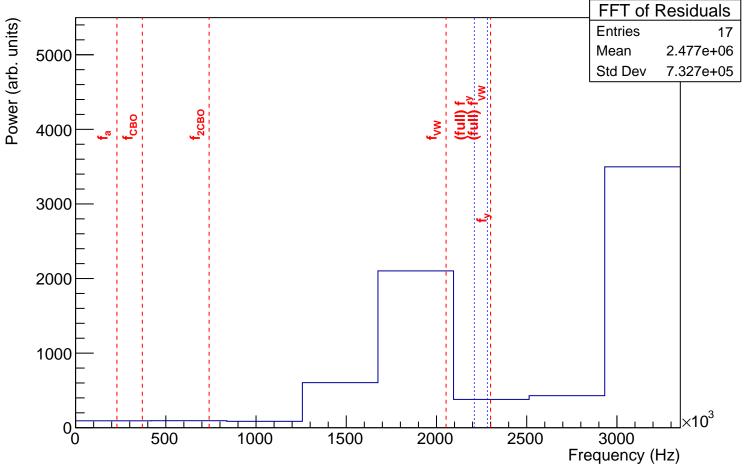
500

windowDat 2200 × 10³ windowDat Entries 17 42.83 Mean Std Dev 0.7348 2000 1800 1600 1400 1200 42 42.5 43 43.5 44

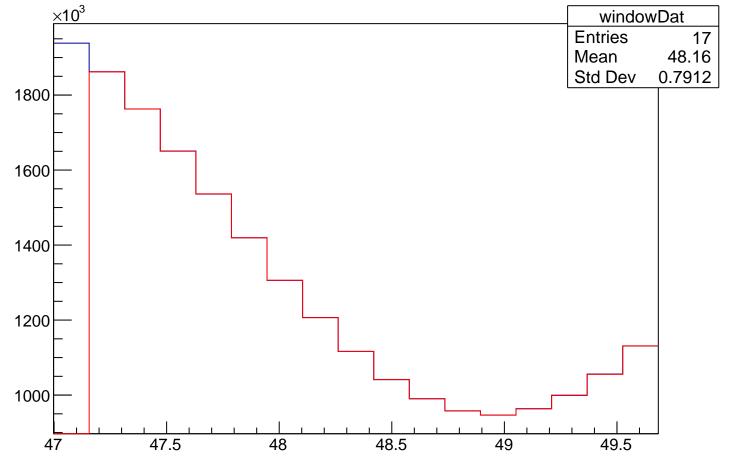
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 4500 2.265e+06 Mean Std Dev 8.656e+05 4000 3500 3000 2500 2000 1500



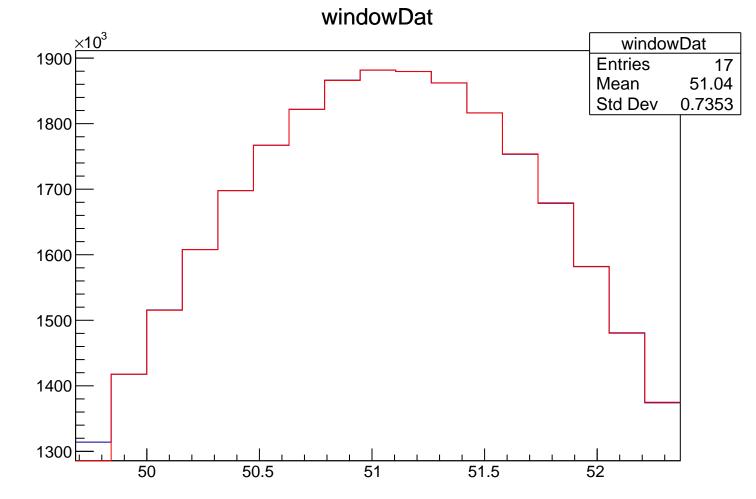




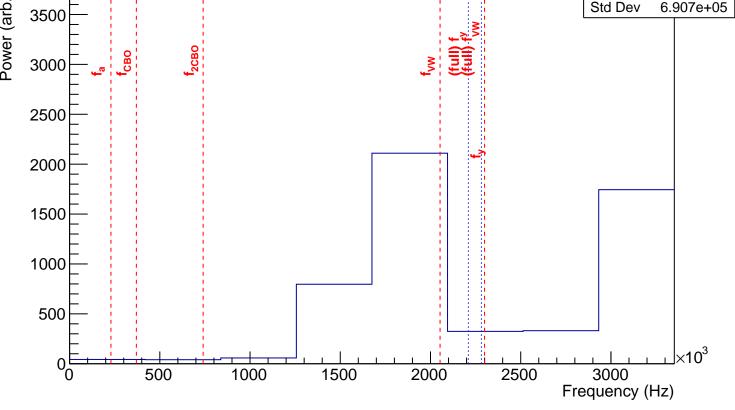
windowDat



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.96e+06 Mean 3500 Std Dev 8.278e+05 3000 2500 2000 1500 1000 500 500 1000 1500 2000 2500 3000 Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) 4000 **Entries** Mean 2.271e+06 Std Dev 6.907e+05 3500 3000 2500 2000



windowDat 1700 × 10³ windowDat Entries 17 53.84 Mean 1600 Std Dev 0.8082 1500 1400 1300 1200 1100 1000 900 52.5 53.5 53 54 54.5 55

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.202e+06 Mean Std Dev 7.636e+05

Frequency (Hz)

windowDat $\times 10^3$ windowDat 1800 Entries 17 56.2 Mean Std Dev 0.7406 1600 1400 1200 1000 800 🗖 57.5

56.5

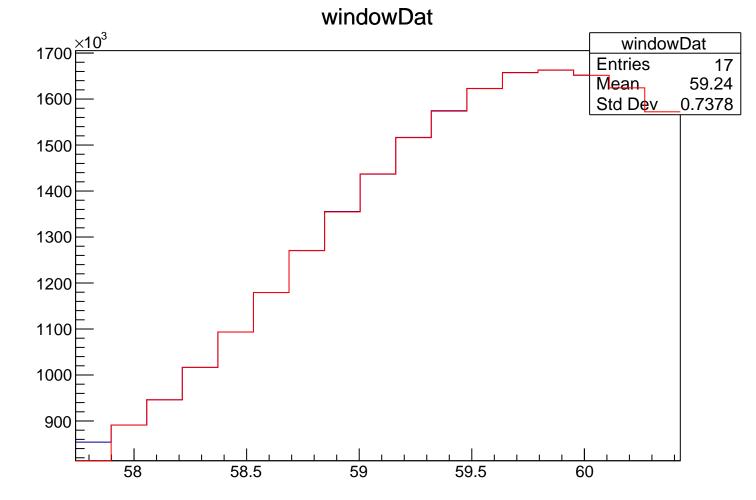
57

55.5

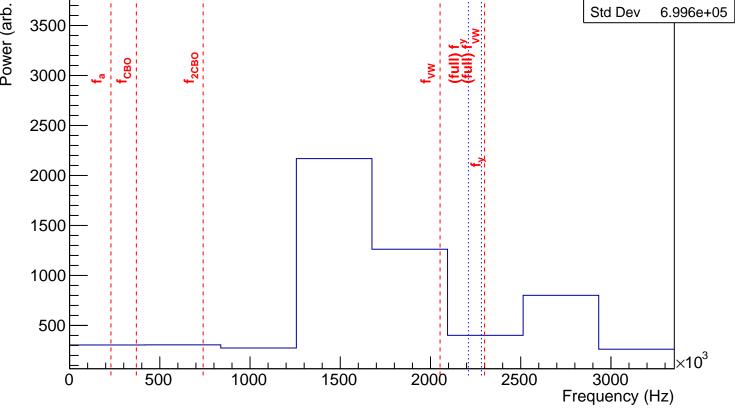
56

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.468e+06 Mean Std Dev 7.92e+05 6000 5000 4000 3000 2000 1000 1000 500 1500 2000 2500 3000

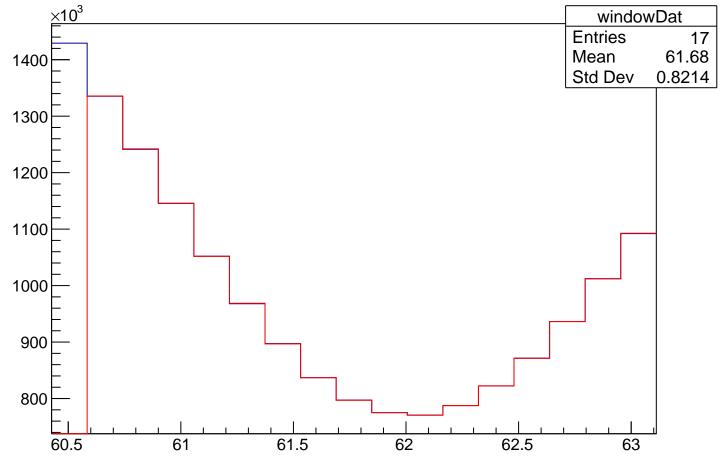
Frequency (Hz)

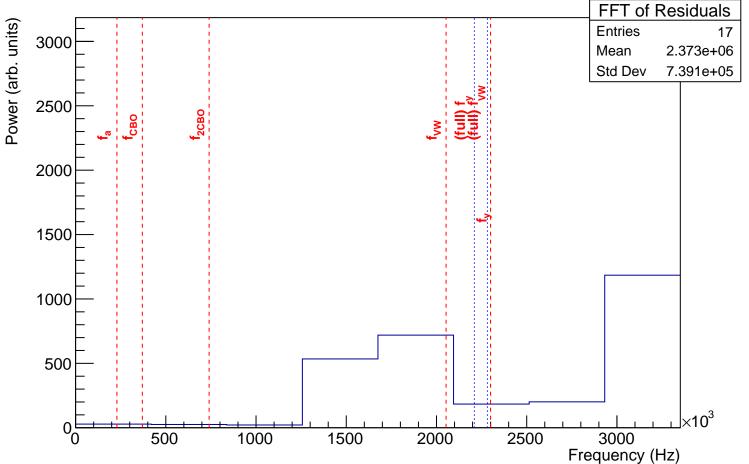


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 4000 1.736e+06 Mean Std Dev 6.996e+05 3500 3000 2500 2000 1500

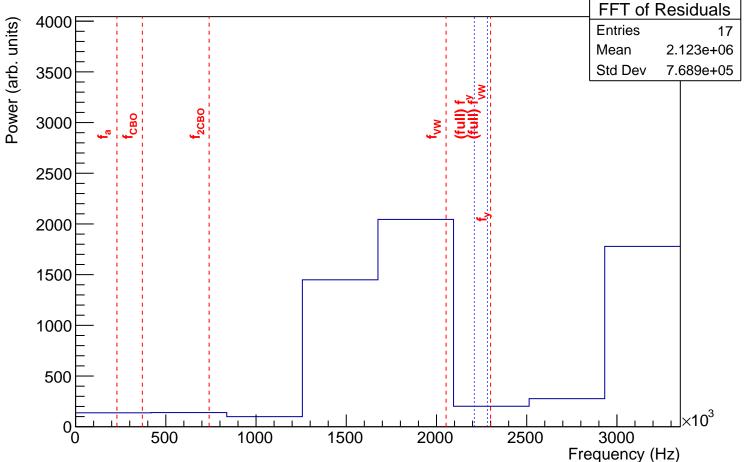


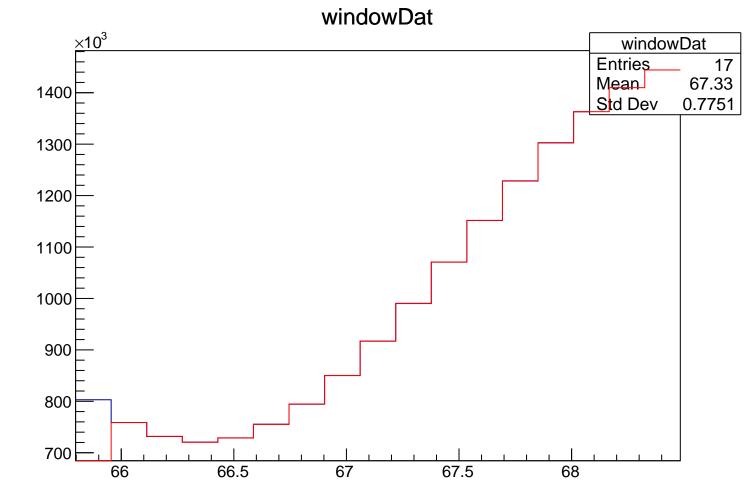
window Dat

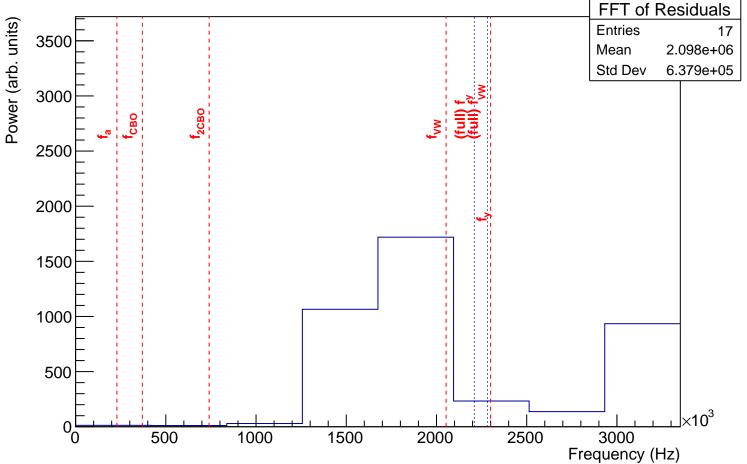




windowDat ×10³ windowDat Entries 17 64.38 Mean 1500 Std Dev 0.7346 1400 1300 1200 1100 1000 63.5 64.5 65 65.5 64







windowDat ×10³ windowDat Entries 17 69.61 Mean 1400 Std Dev 0.7587 1300 1200 1100 1000 900 800 700

70

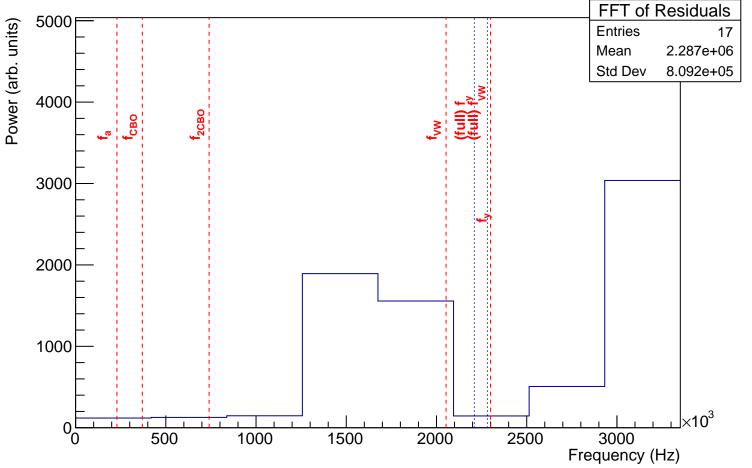
70.5

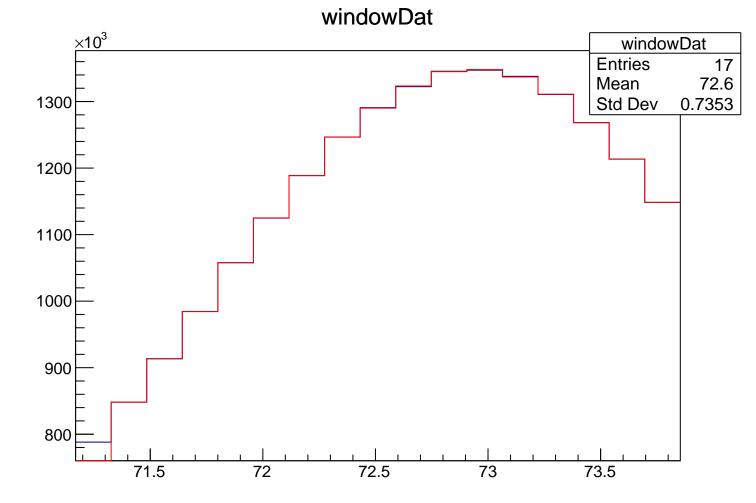
71

68.5

69

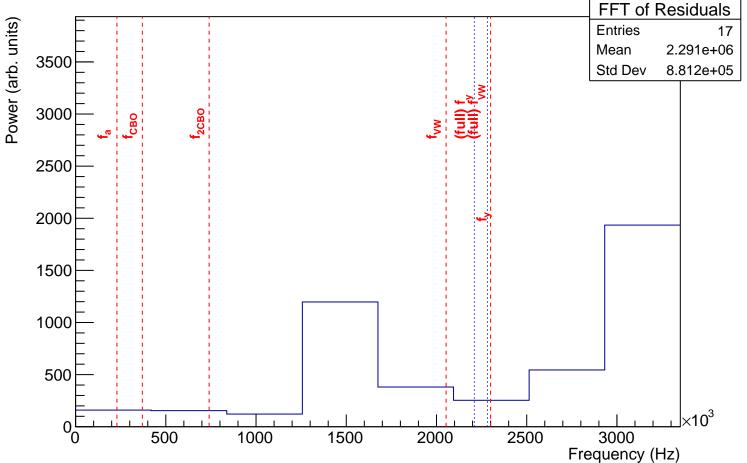
69.5



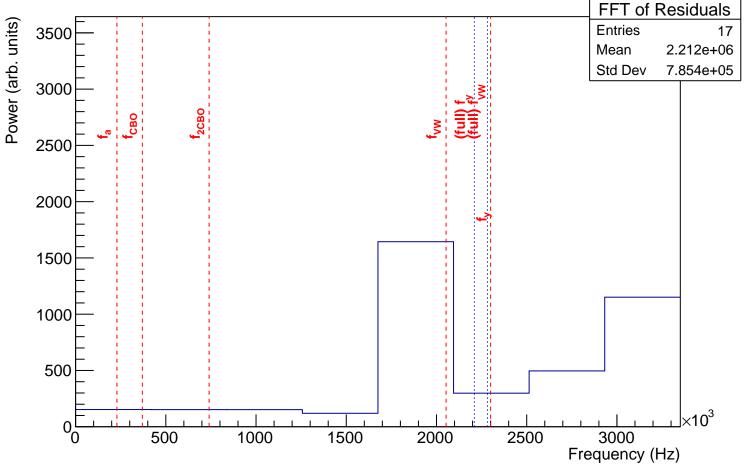


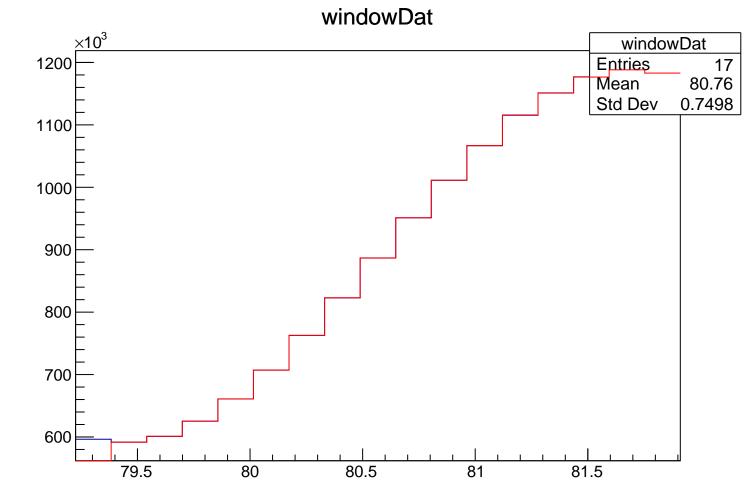
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 3500 1.93e+06 Mean 8.038e+05 Std Dev 3000 2500 2000 1500 1000 500 3000 500 1000 1500 2000 - 5 2500 Frequency (Hz)

windowDat ×10³ windowDat Entries 17 1050 75.22 Mean Std Dev 0.8295 1000 950 900 850 800 750 700 650 75.5 74 74.5 75 76.5 76

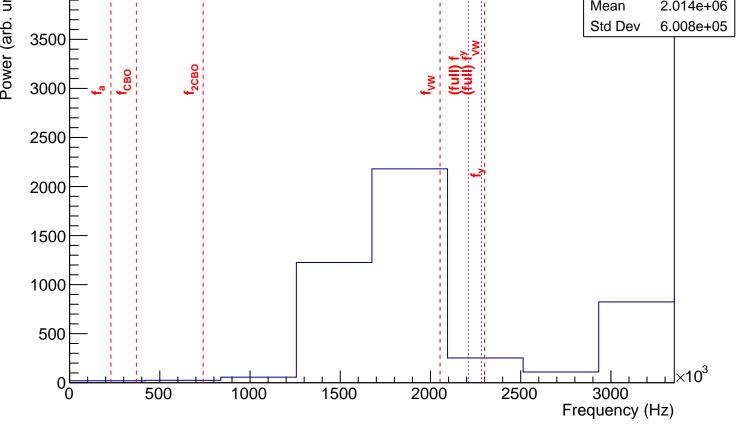


windowDat ×10³ windowDat Entries 17 Mean 77.74 Std Dev 0.7343 1200 1100 1000 900 800 700 77 77.5 78 78.5 79

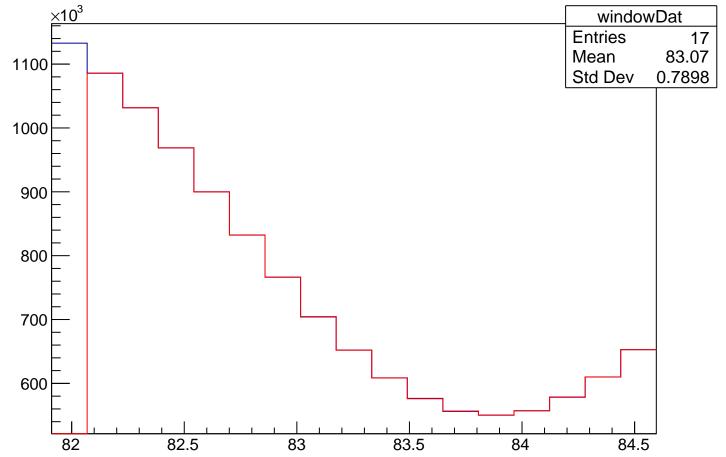




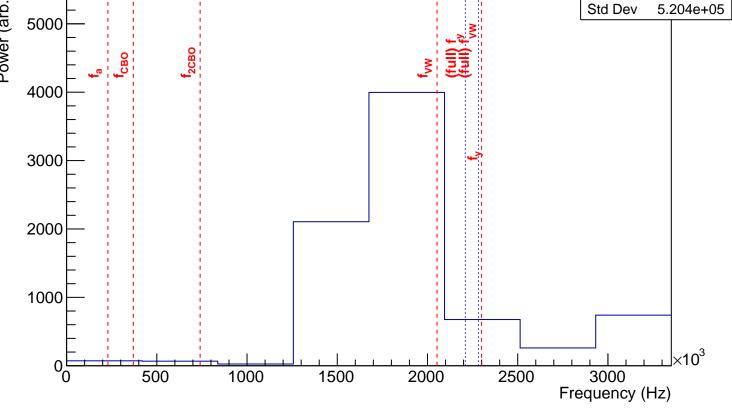
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 4000 2.014e+06 Mean Std Dev 6.008e+05 3500 3000 2500 2000 1500



windowDat

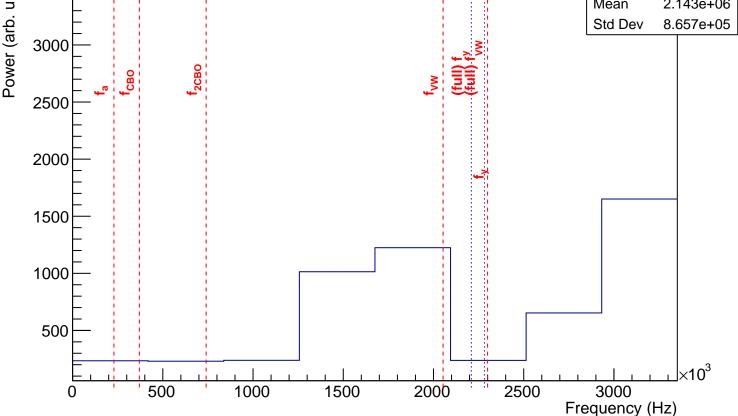


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.926e+06 Mean 5.204e+05 Std Dev 5000 4000 3000 2000 1000



windowDat windowDat Entries 17 1100 85.95 Mean Std Dev 0.735 1050 1000 950 900 850 800 750 85 85.5 86 86.5 87

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 3500 2.143e+06 Mean Std Dev 3000

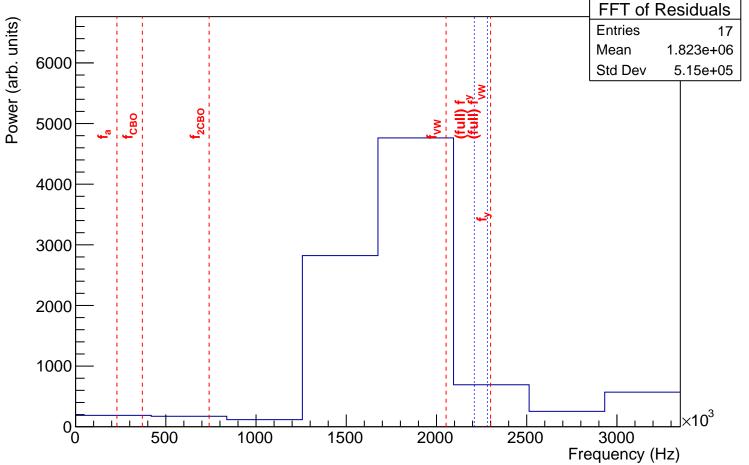


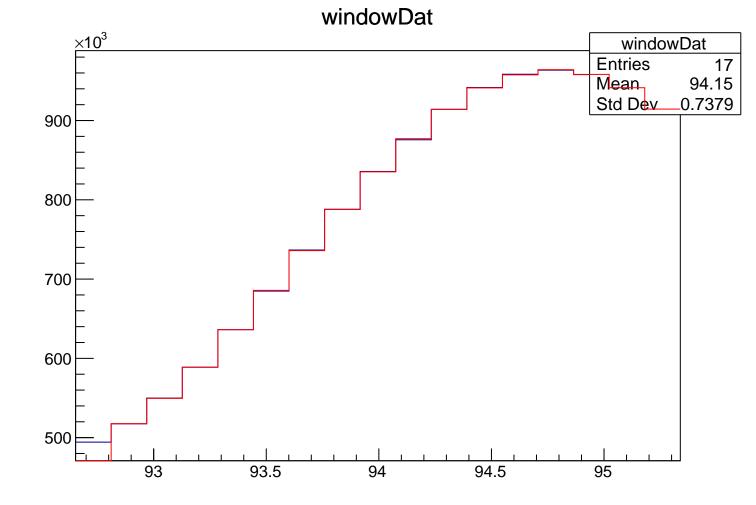
windowDat ×10³ windowDat Entries 17 950 88.75 Mean Std Dev 0.8089 900 850 800 750 700 650 600 550 500 🗄 87.5 88 88.5 89 89.5

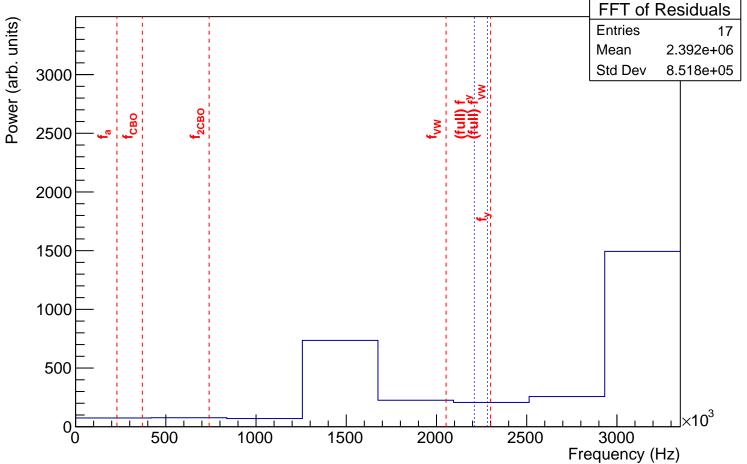
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.99e+06 Mean 3500 Std Dev 7.612e+05 3000 2500 2000 1500 1000 500 500 1000 1500 2000 2500 3000

Frequency (Hz)

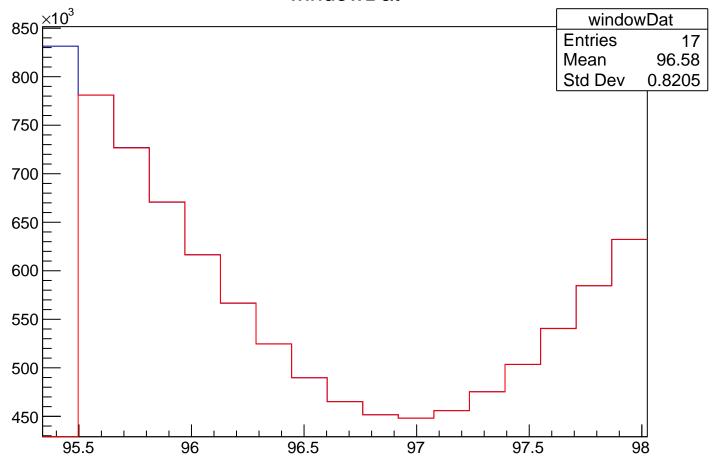
windowDat ×10³ windowDat Entries 17 91.11 Mean 1000 Std Dev 0.7397 900 800 700 600 500 90 92.5 90.5 91 91.5 92

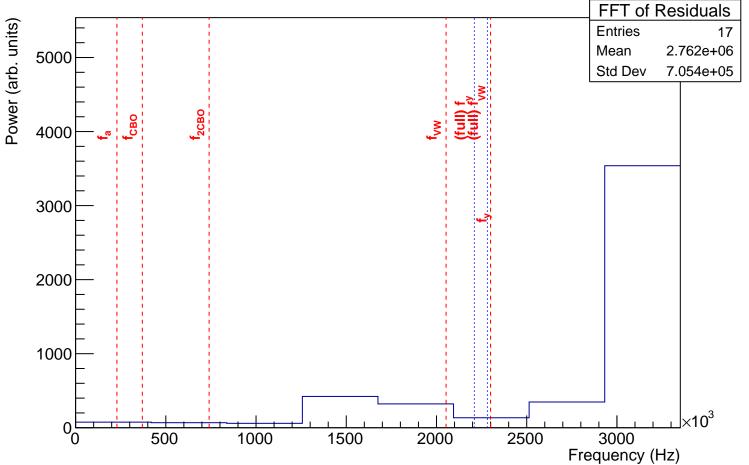


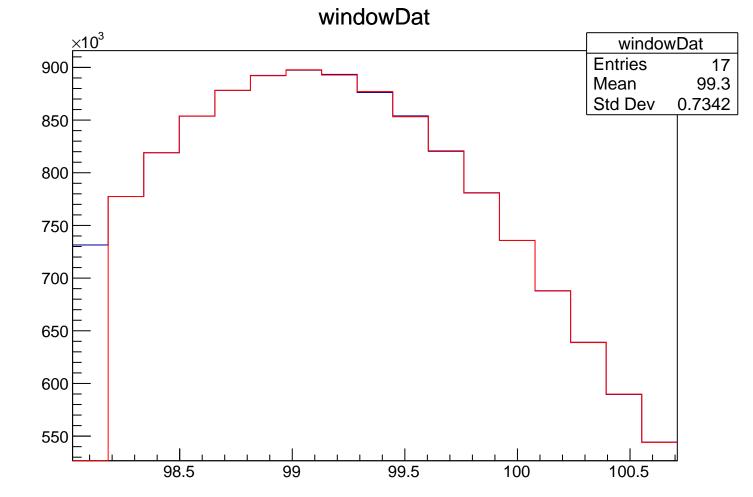


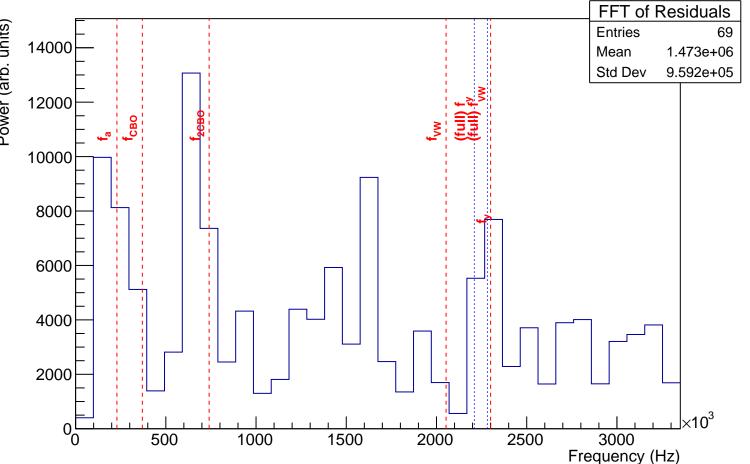


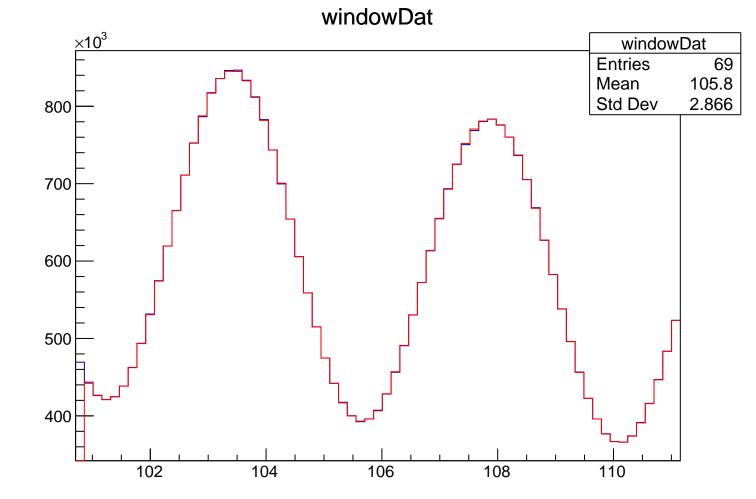
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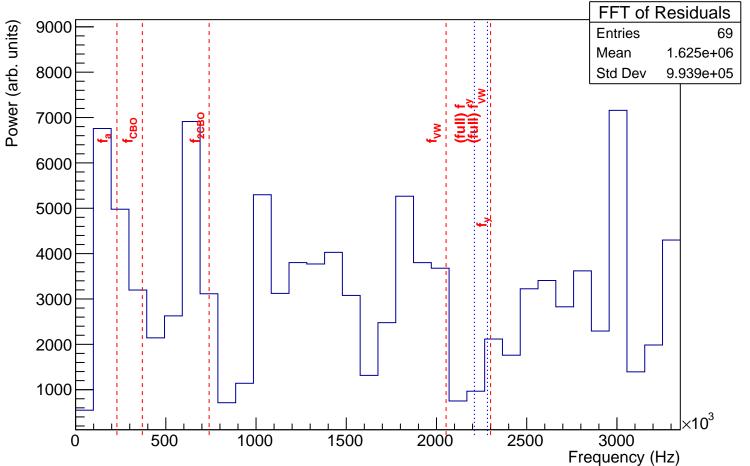








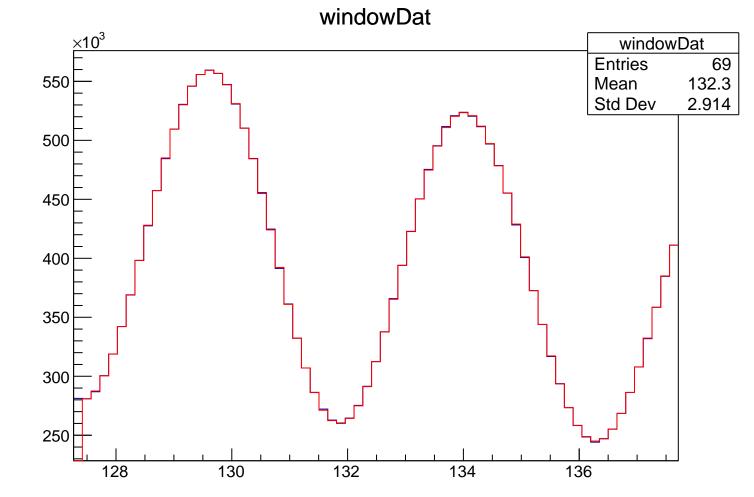


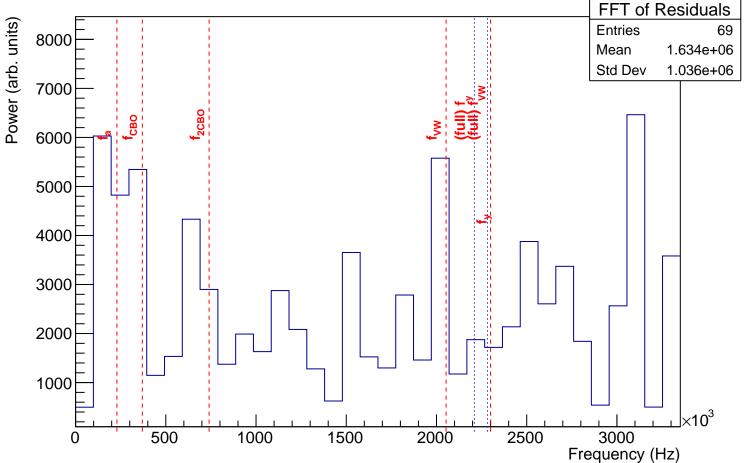


windowDat windowDat Entries 116.5 Mean Std Dev 3.149

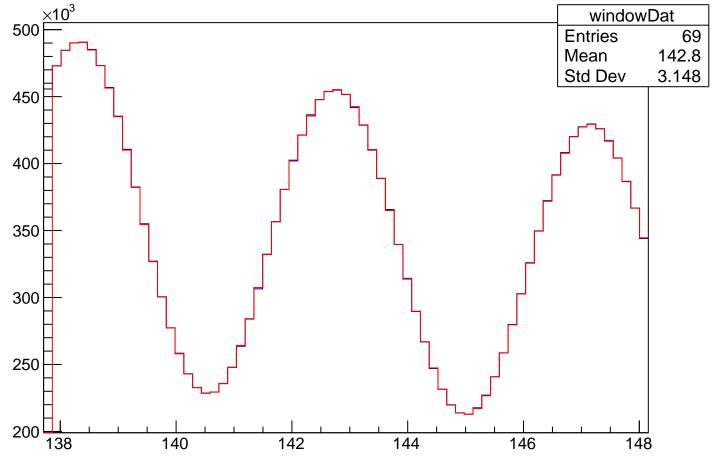
FFT of Residuals FFT of Residuals **Entries** 10000 Mean 1.536e+06 9.645e+05 Std Dev 8000 6000 4000 2000 $0_{\mathsf{F}}^{\mathsf{O}}$ 3000 500 1000 1500 2000 2500

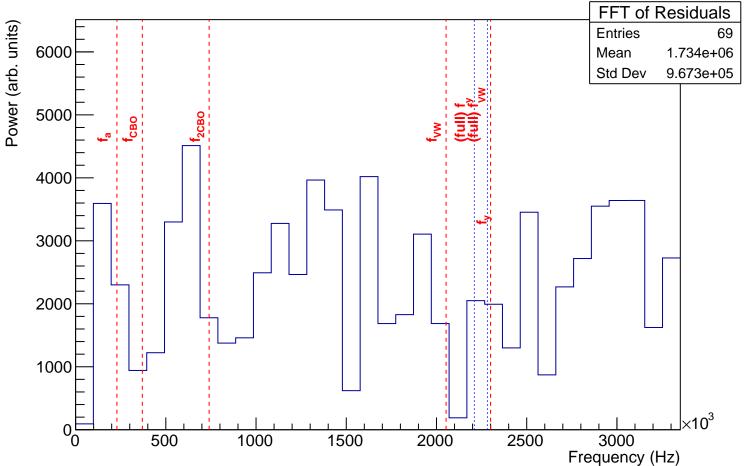
Frequency (Hz)



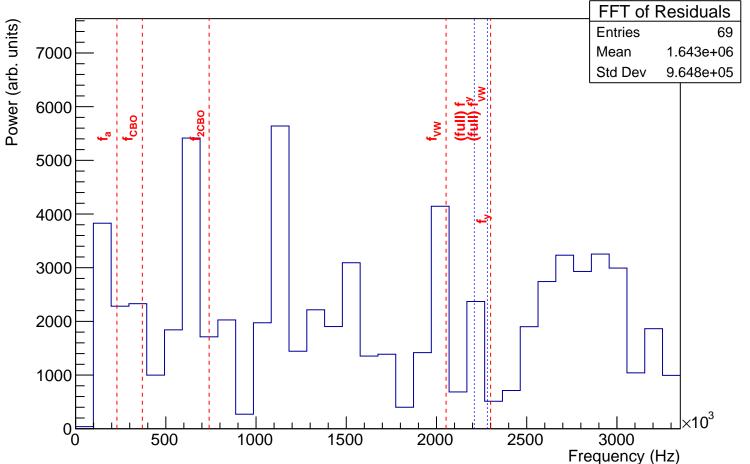


window Dat





windowDat ×10³ windowDat Entries 69 400 153.3 Mean Std Dev 2.873 350 300 250 200 150 152 154 156 158

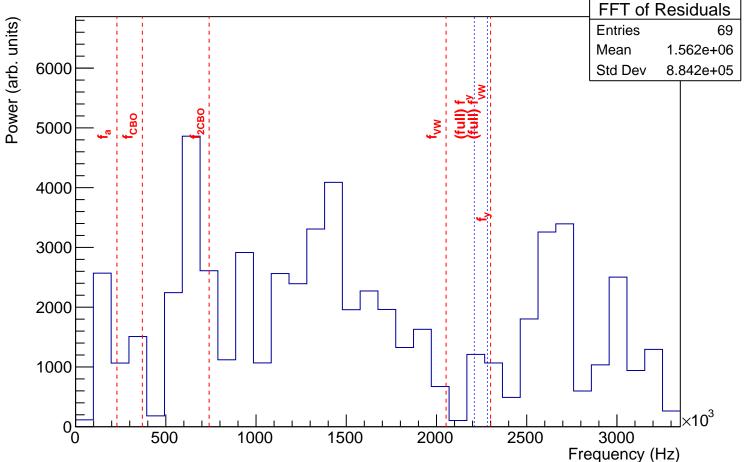


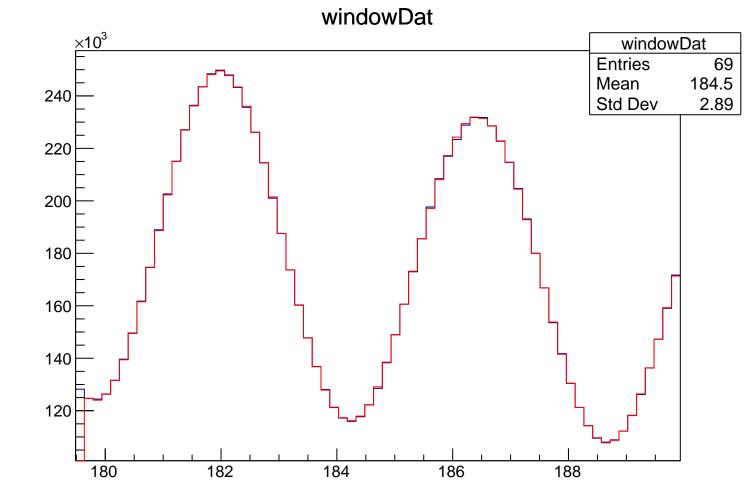
windowDat ×10³ windowDat Entries 69 350 163.6 Mean Std Dev 3.072 300 250 200 150 166 160 162 164 168

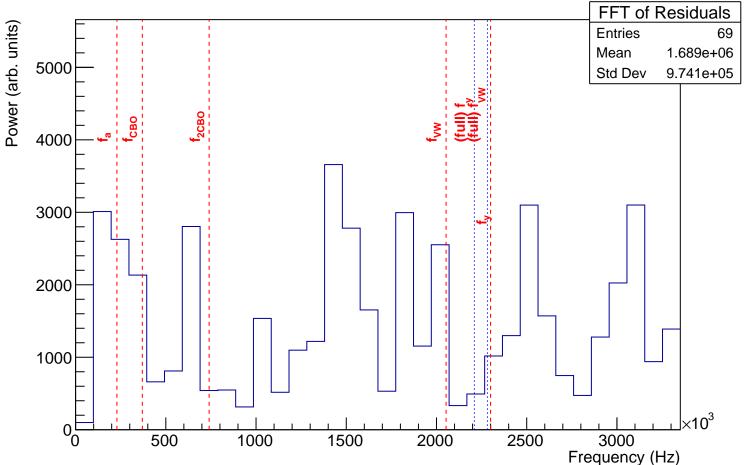
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 1.9e+06 Mean 9.442e+05 Std Dev

Frequency (Hz)

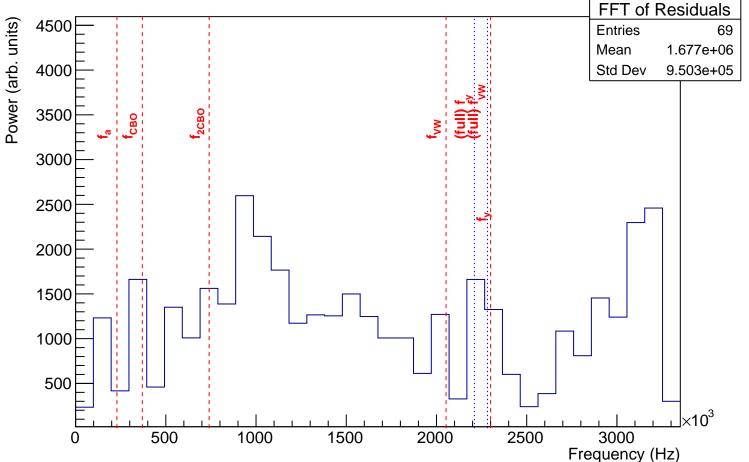
windowDat $\times 10^3$ windowDat Entries Mean 174.2 Std Dev 3.046



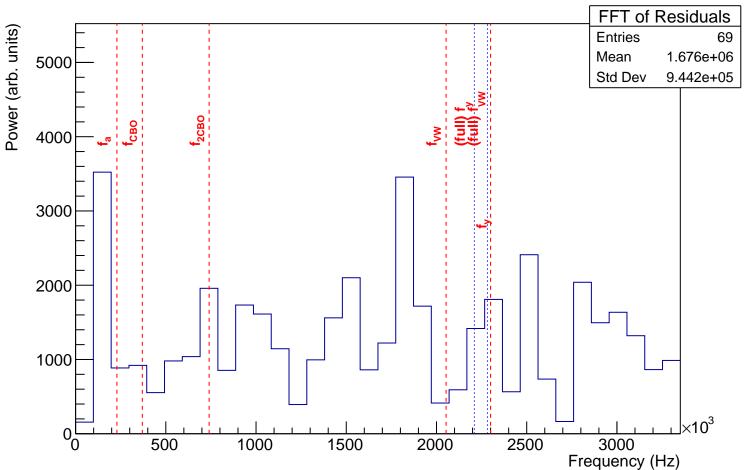


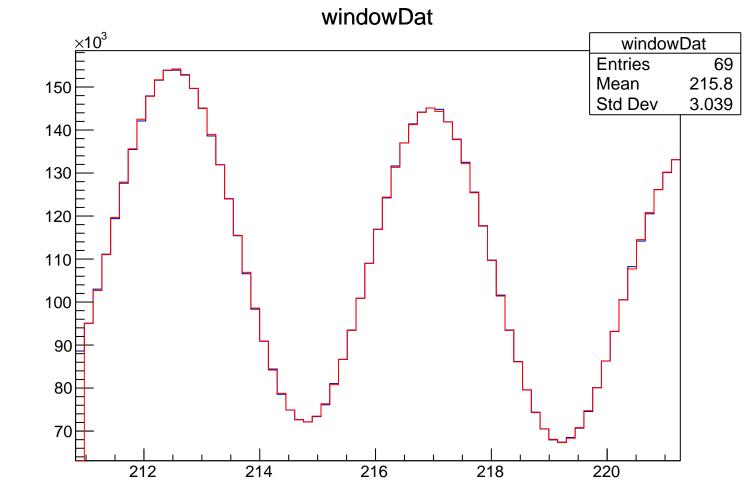


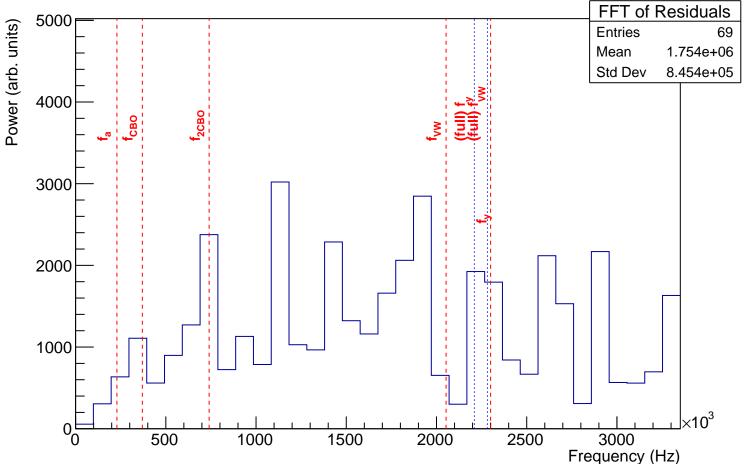
windowDat $\times 10^3$ windowDat Entries Mean Std Dev 3.149

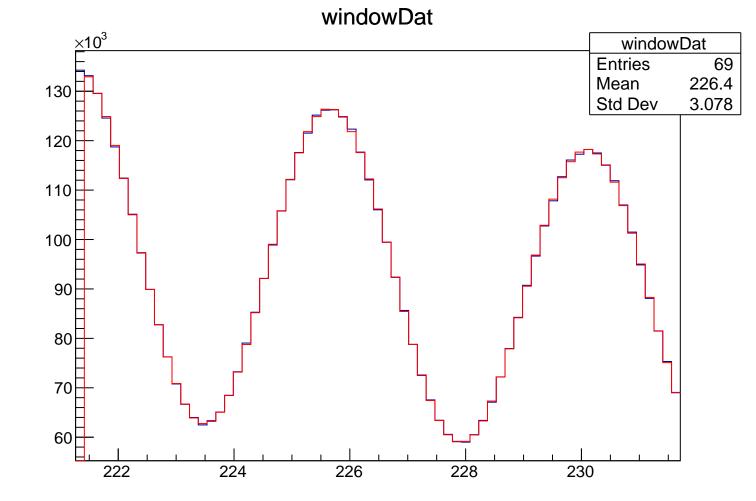


windowDat $\times 10^3$ windowDat 180 Entries 69 205.5 Mean Std Dev 2.895 160 140 120 100 80 202 204 206 208 210





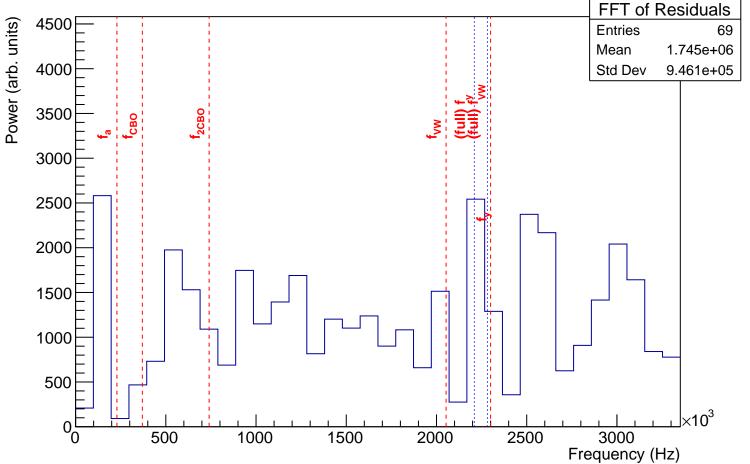


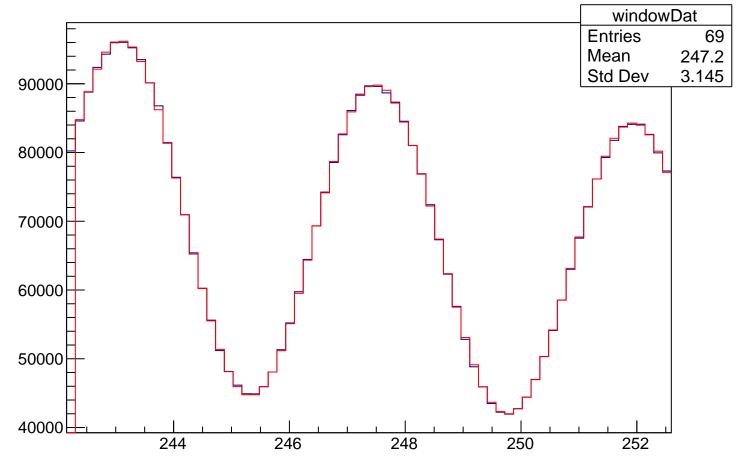


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.615e+06 9.288e+05 Std Dev

Frequency (Hz)

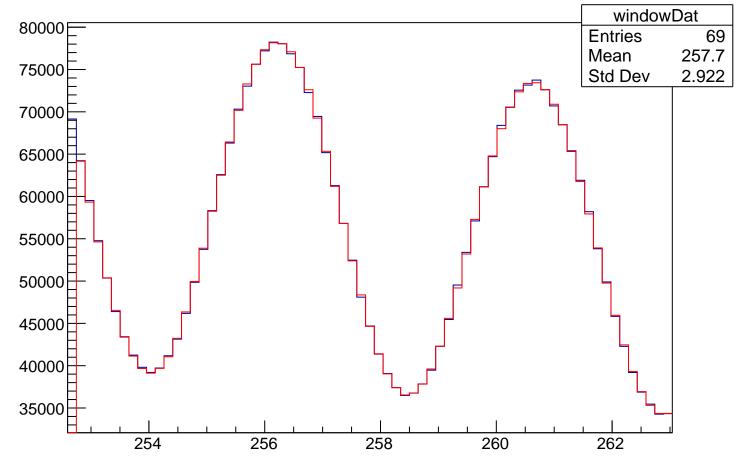
windowDat $\times 10^3$ windowDat Entries 236.8 Mean Std Dev 2.871



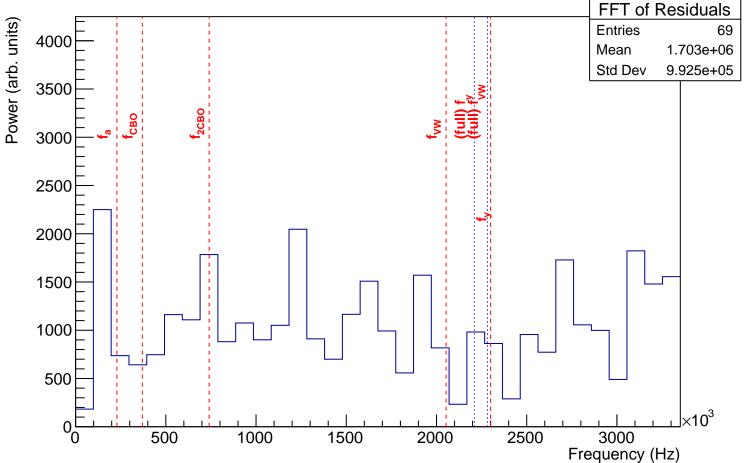


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.87e+06 Std Dev 1.008e+06

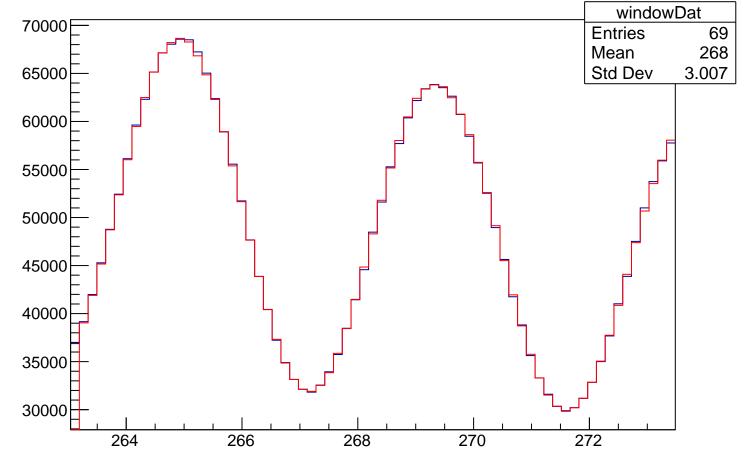
Frequency (Hz)

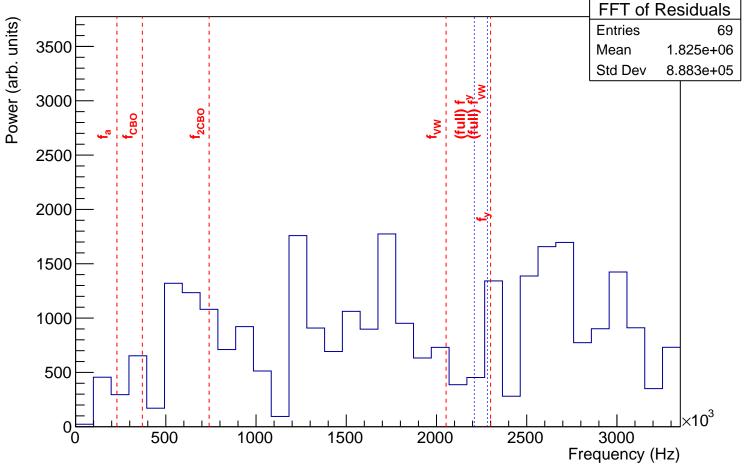


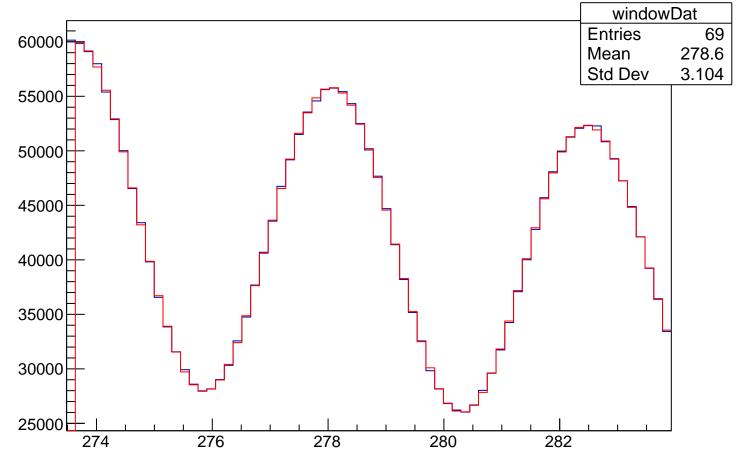
FFT of Residuals

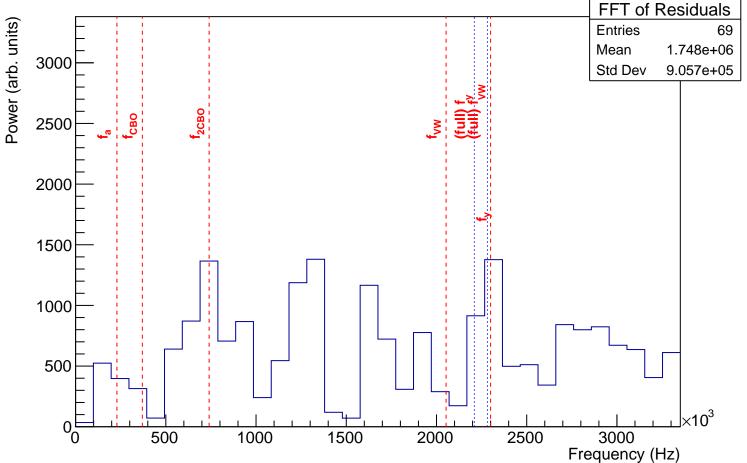




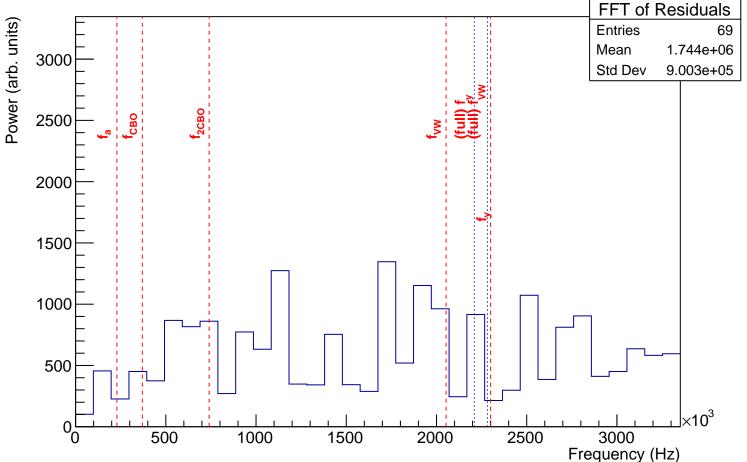


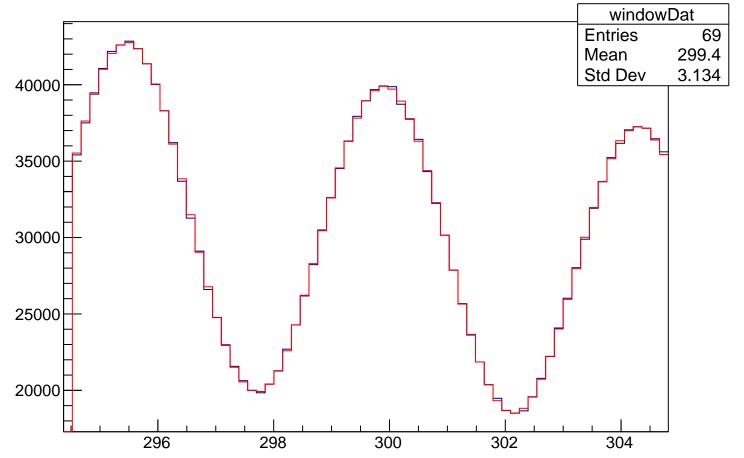


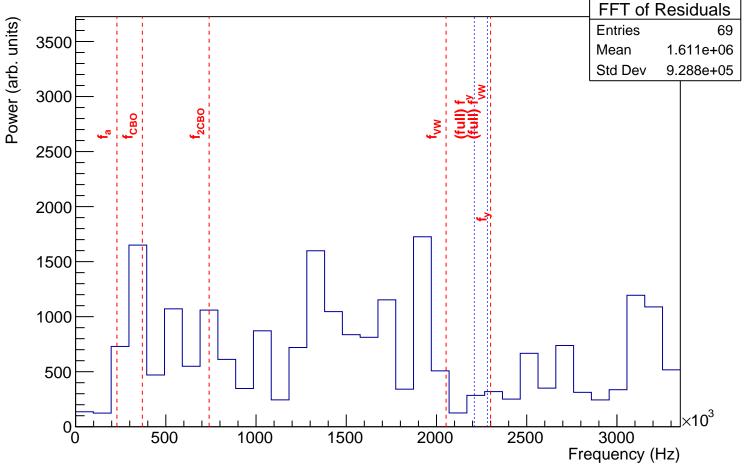




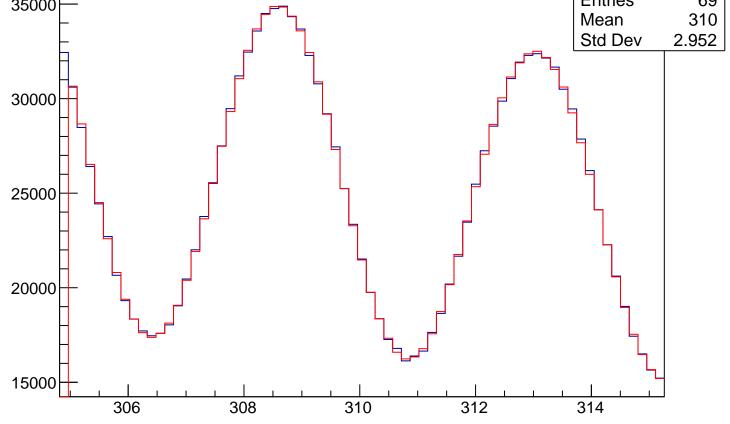
windowDat windowDat **Entries** Mean 2.858 Std Dev 20000 ||| 284

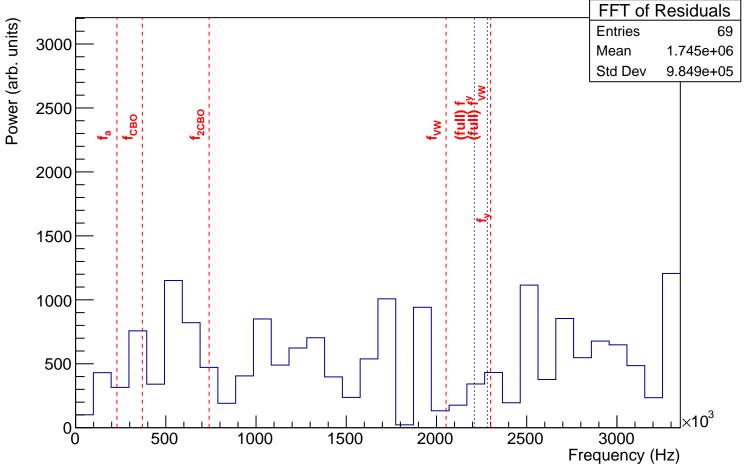


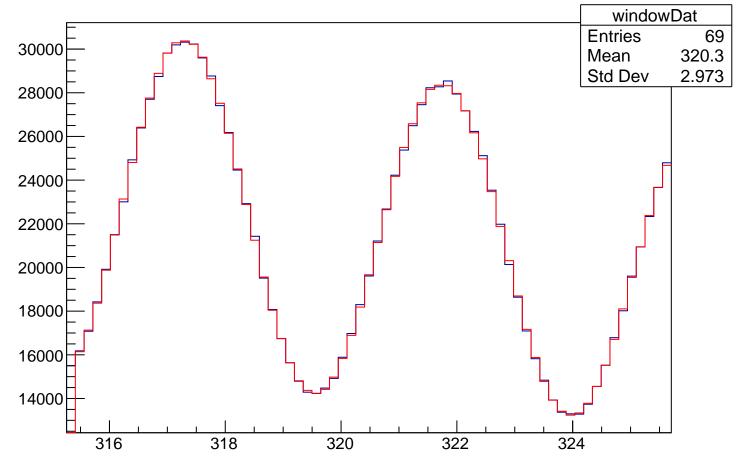


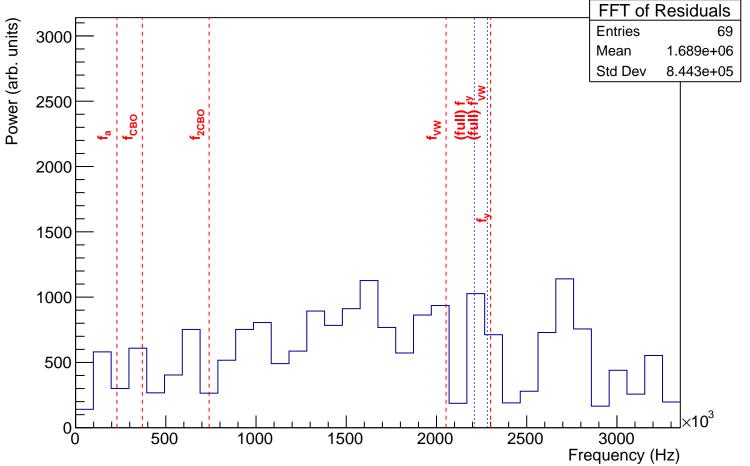


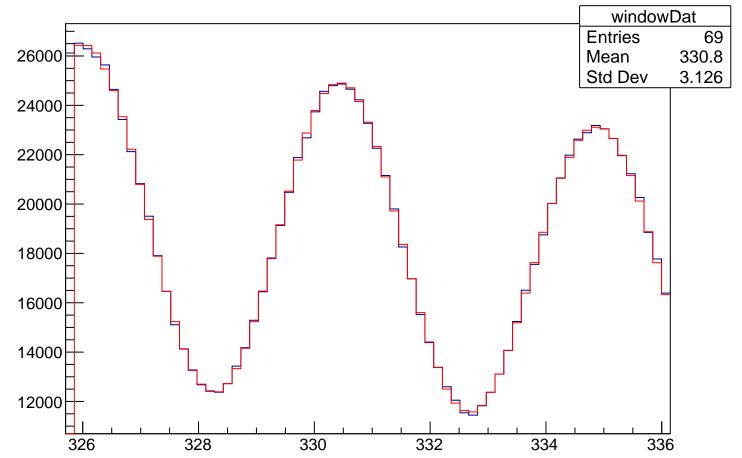
windowDat windowDat Entries 69 35000 310 Mean Std Dev 2.952 30000 25000 20000

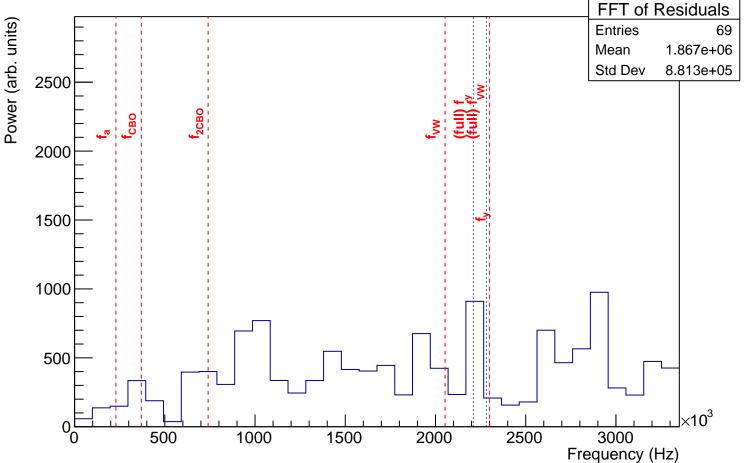




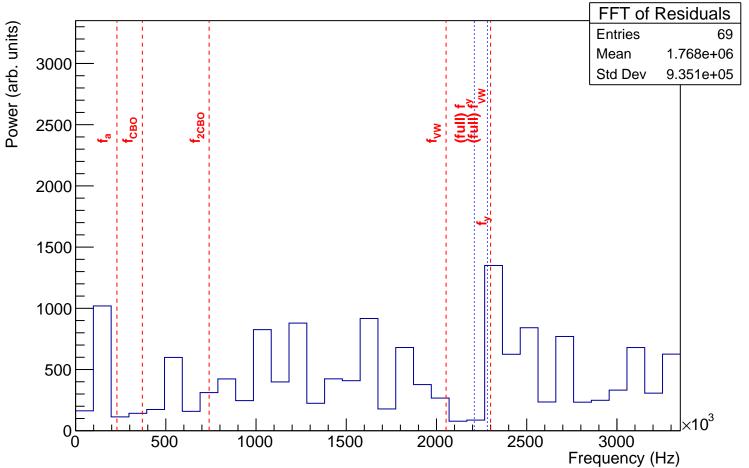




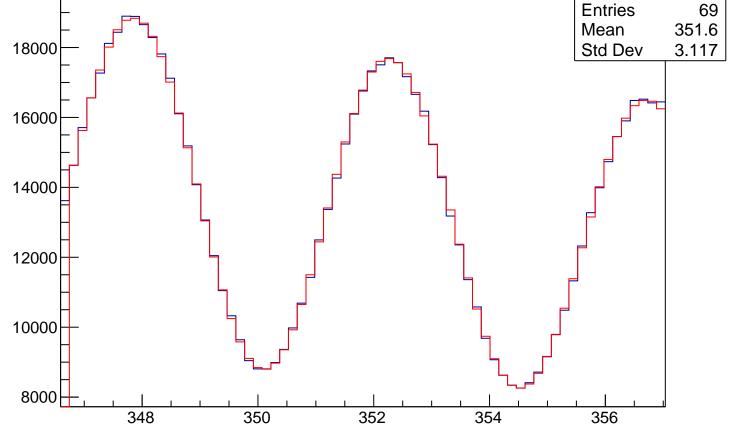


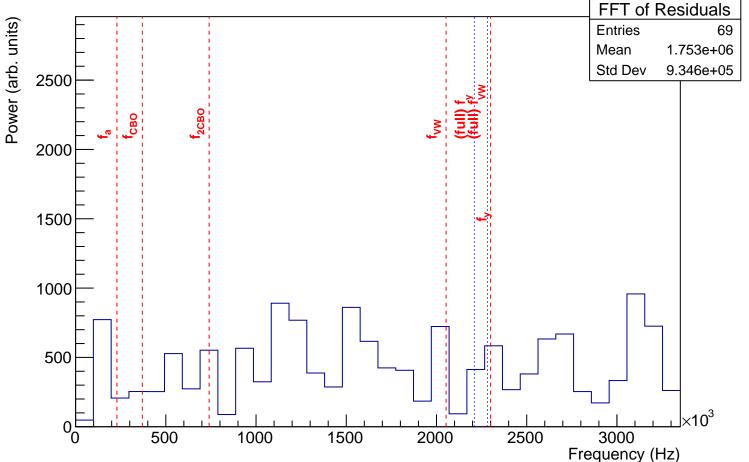


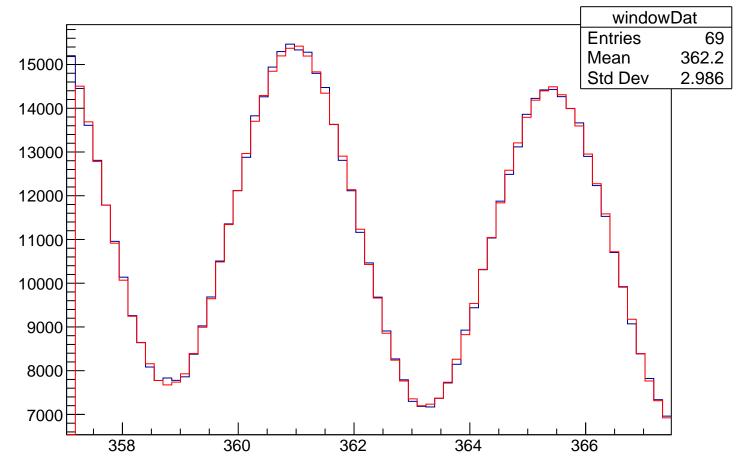
windowDat windowDat Entries 341.2 Mean Std Dev 2.856



windowDat windowDat Entries 69 351.6 Mean 18000 3.117 Std Dev 16000 14000 12000







FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.618e+06 9.449e+05 Std Dev 2500 2000

