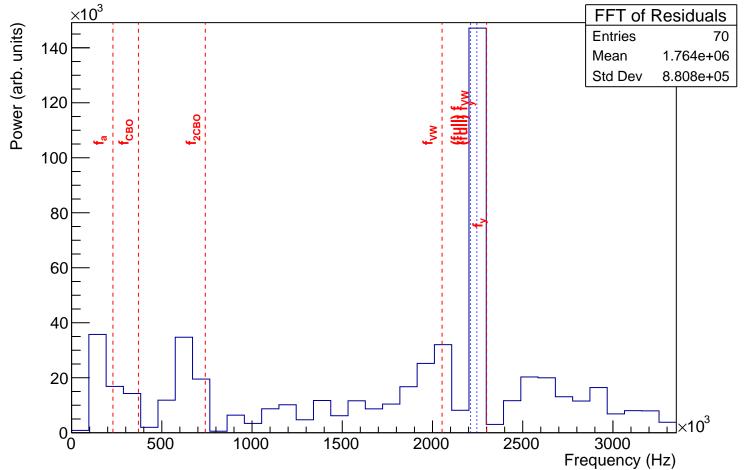
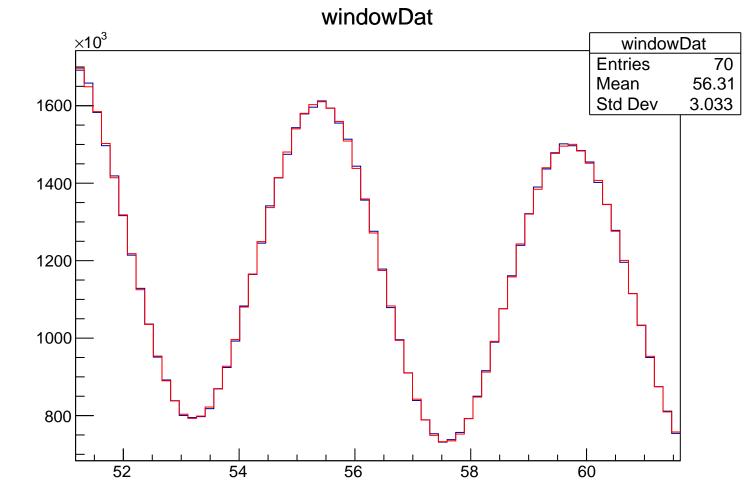
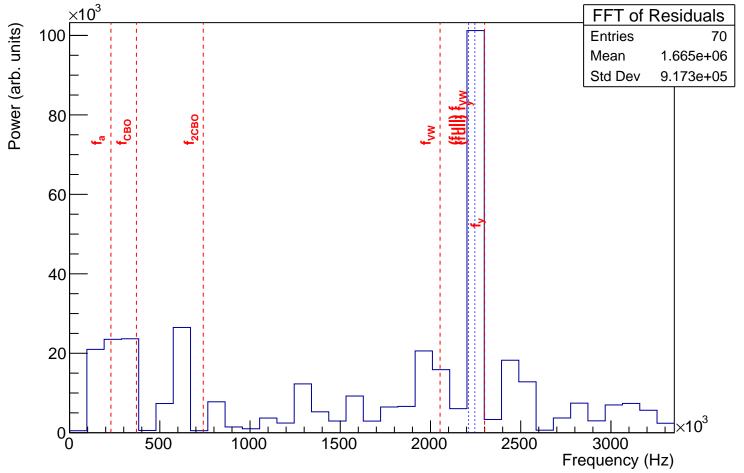
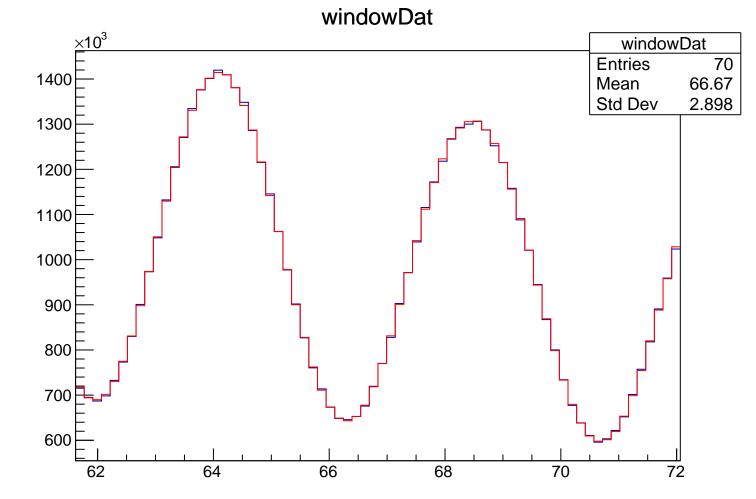


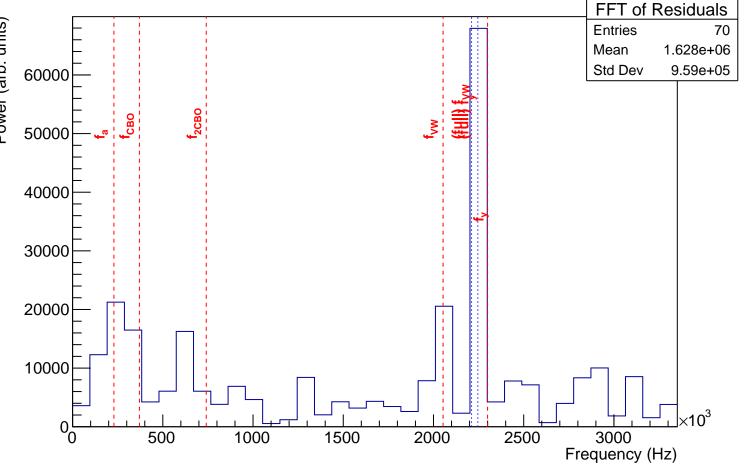
windowDat $\times 10^3$ windowDat Entries Mean 45.77 Std Dev 3.084



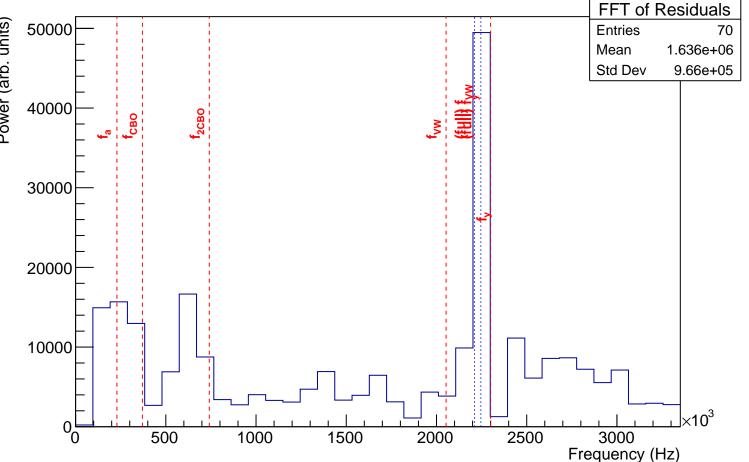


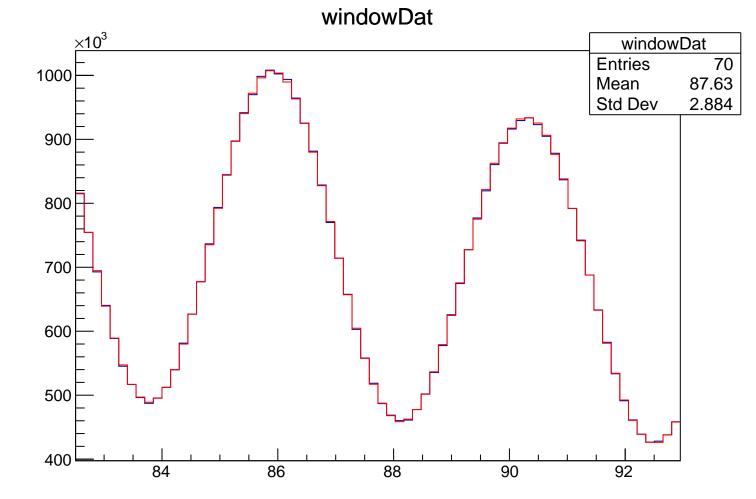


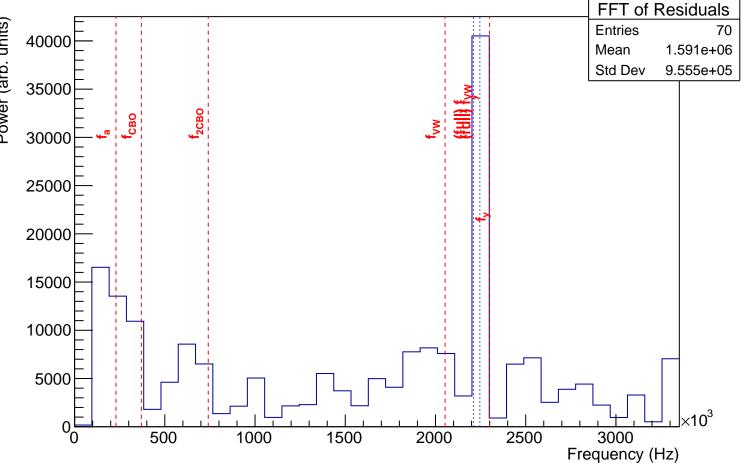


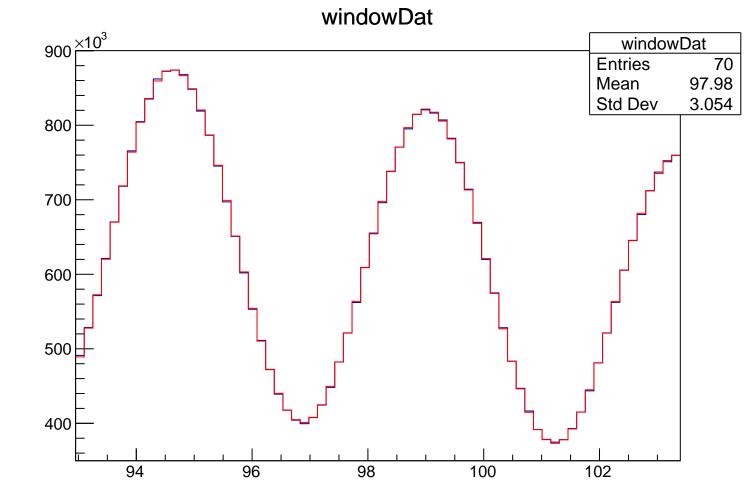


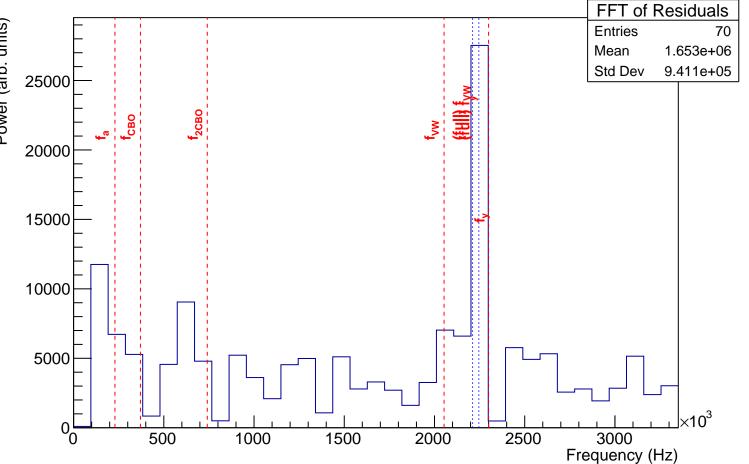
windowDat ×10³ windowDat Entries 70 Mean 77.12 1200 Std Dev 3.149 1100 1000 900 800 700 600 500 E 74 76 78 80 82

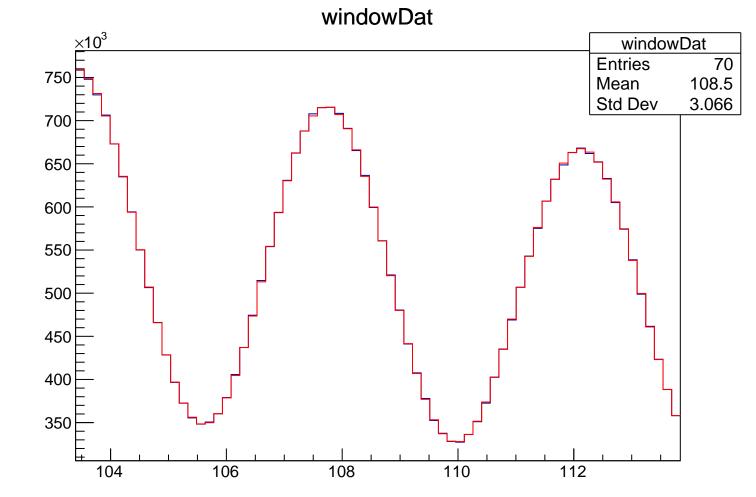


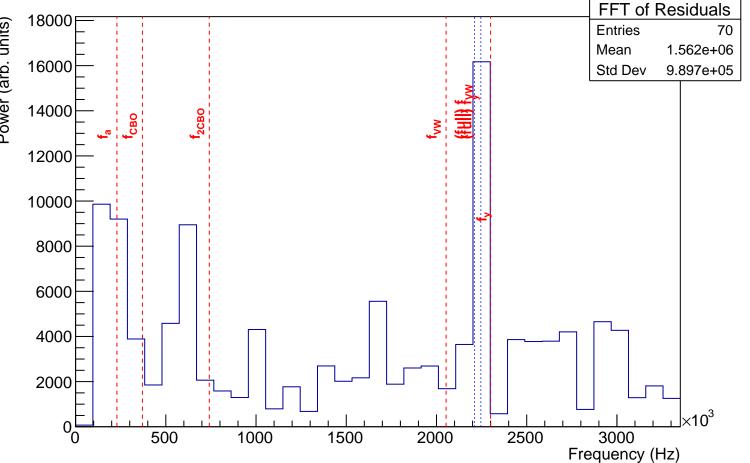


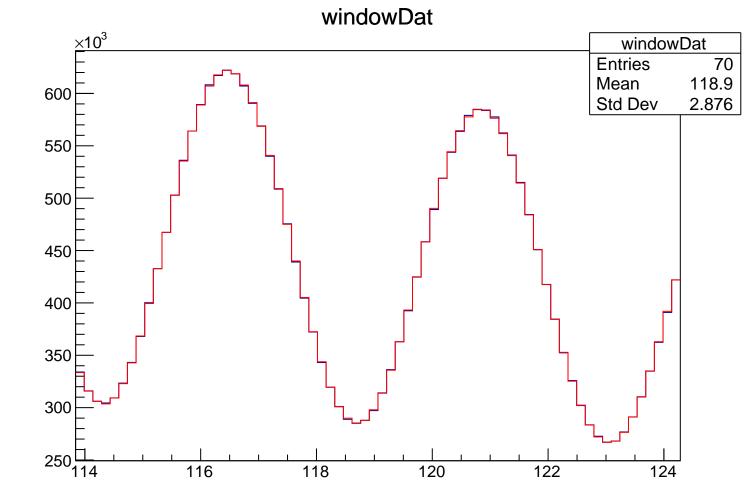


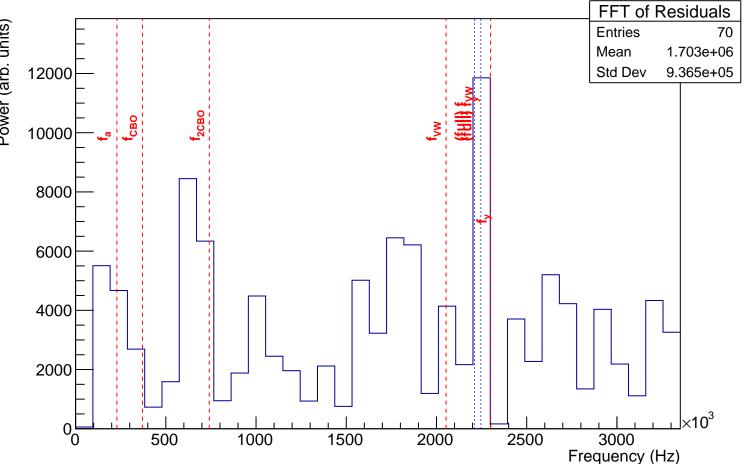




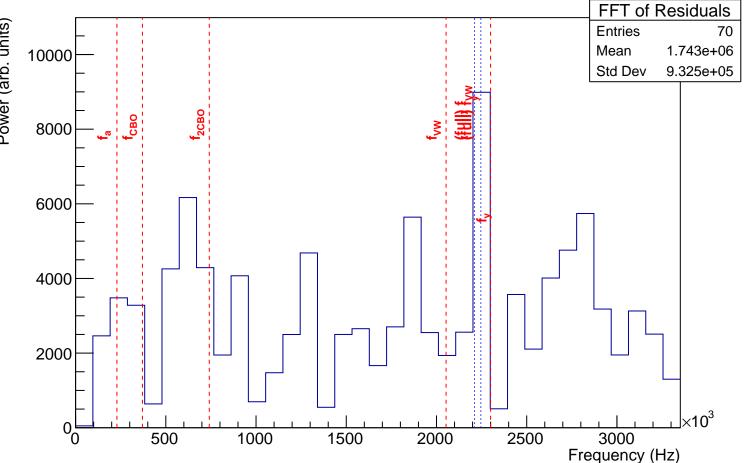








windowDat $\times 10^3$ windowDat Entries 129.3 Mean Std Dev 3.149



windowDat $\times 10^3$ windowDat 450 Entries 70 139.9 Mean Std Dev 2.909 400 350 300 250

140

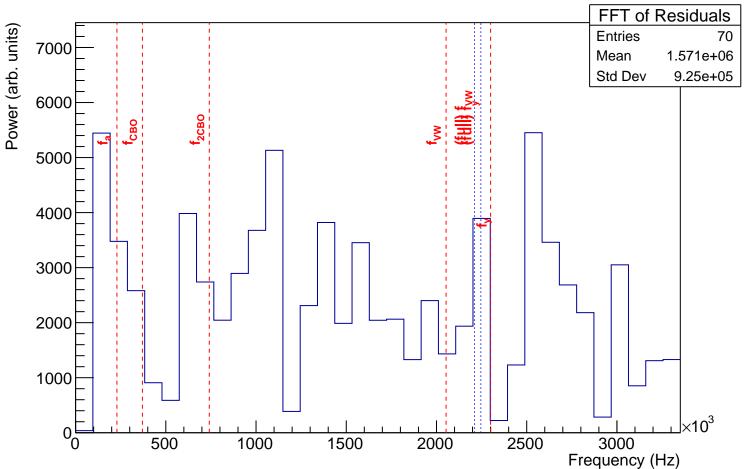
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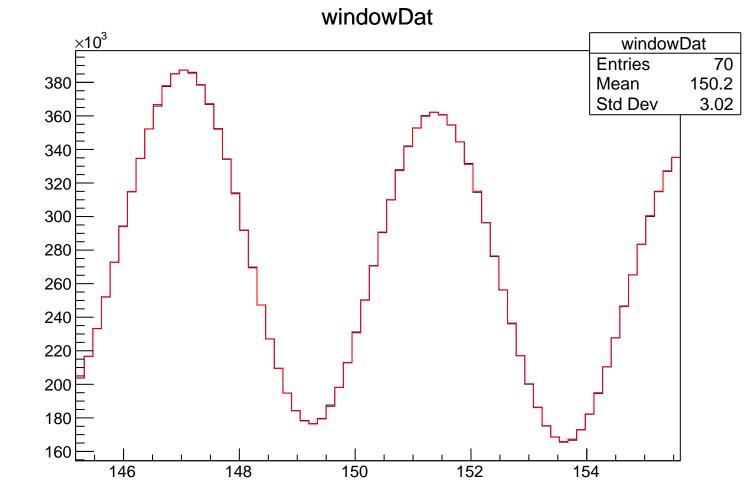
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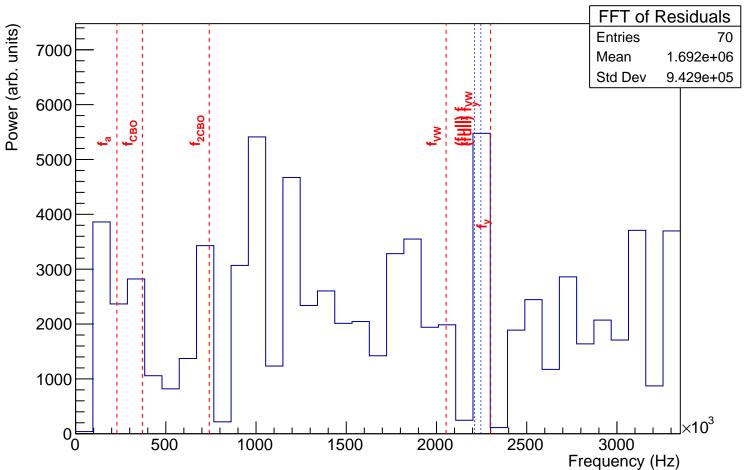
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136

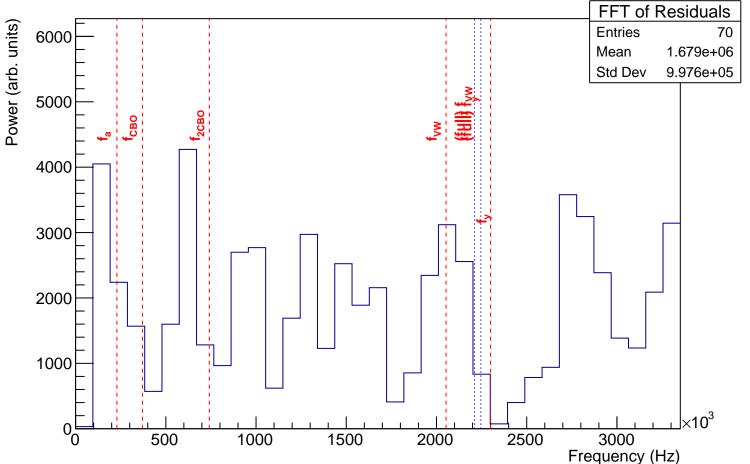
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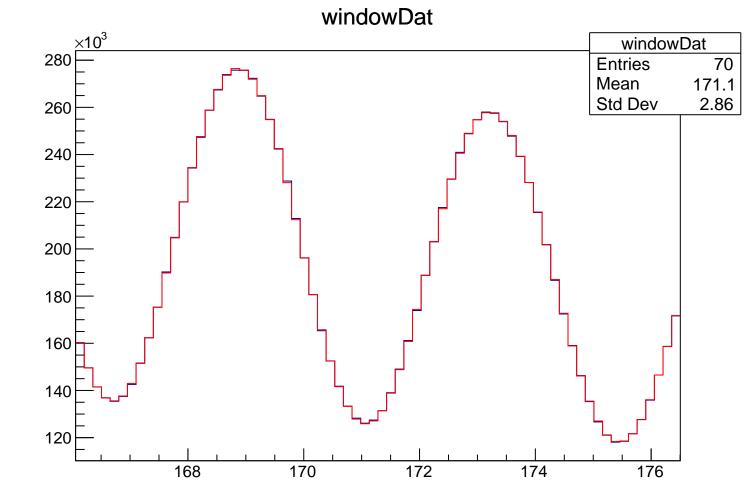


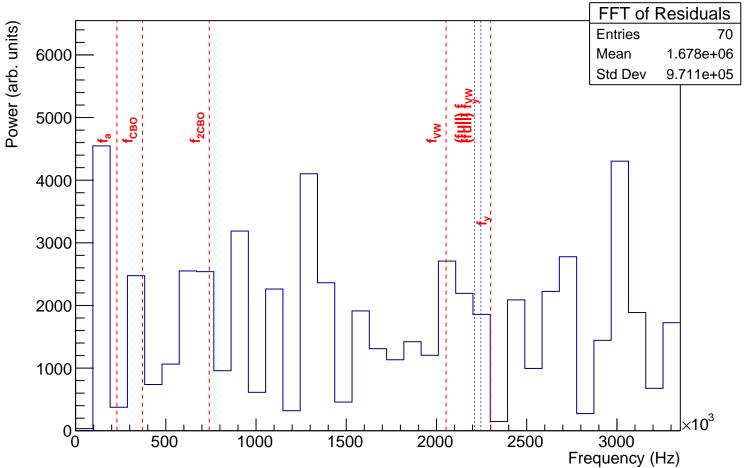




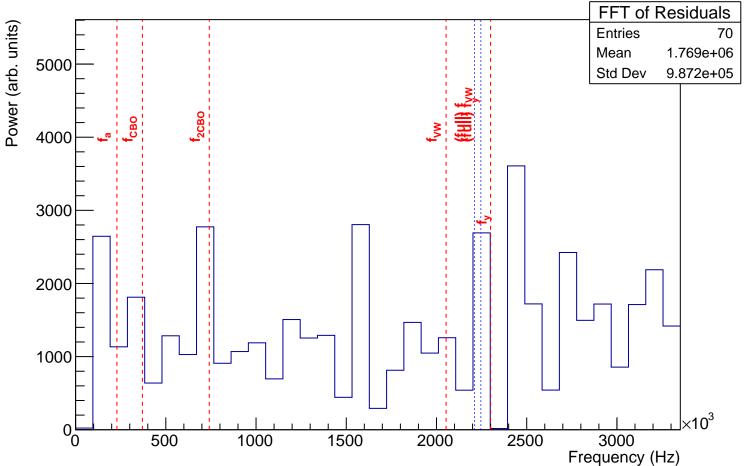
windowDat $\times 10^3$ windowDat **Entries** 160.7 Mean Std Dev 3.095



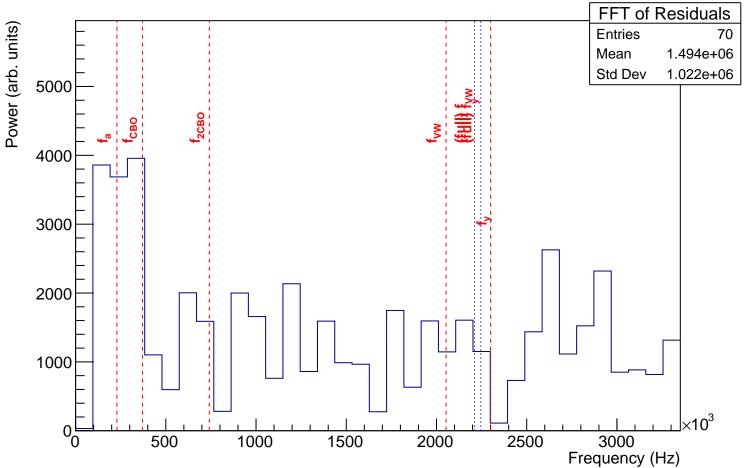




windowDat ×10³ windowDat Entries 181.6 Mean Std Dev 3.141

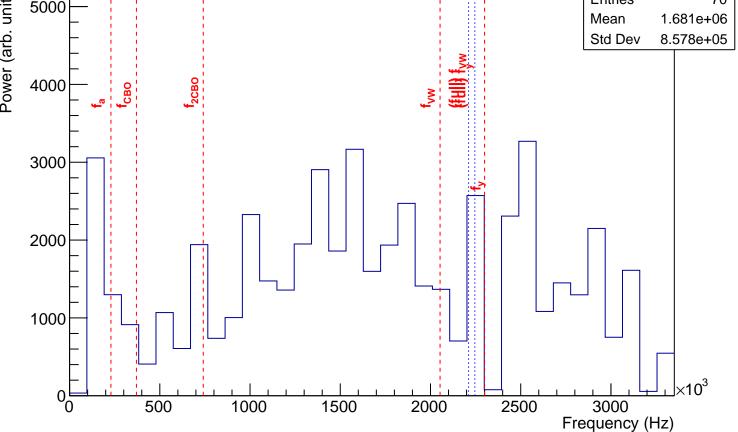


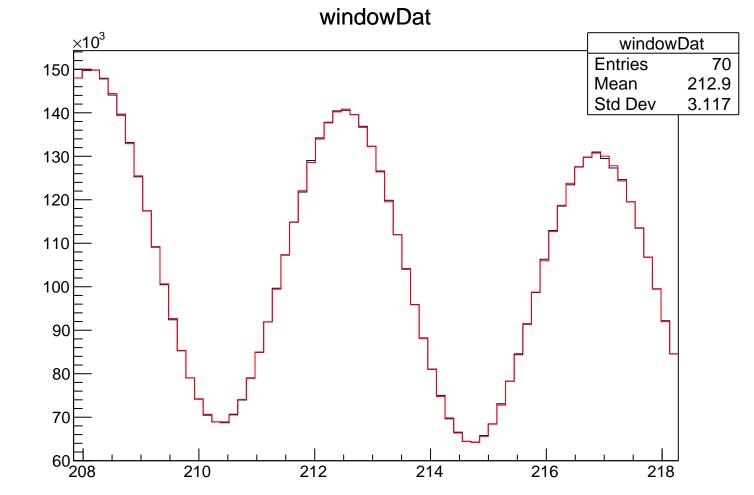
windowDat $\times 10^3$ windowDat 200 Entries 70 192.1 Mean Std Dev 2.938 180 160 140 120 100 80 F 188 190 192 194 196



windowDat ×10³ windowDat Entries 70 202.4 Mean Std Dev 2.987 160 140 120 100 80 198 200 202 204 206

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 5000 Mean Std Dev 4000





FFT of Residuals FFT of Residuals 5000 Power (arb. units) **Entries** Mean 1.88e+06 9.326e+05 Std Dev 4000 3000 2000 1000

1500

2000

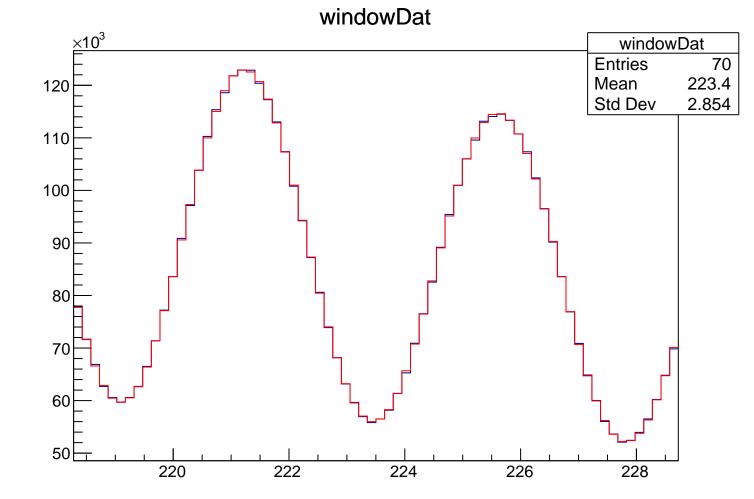
2500

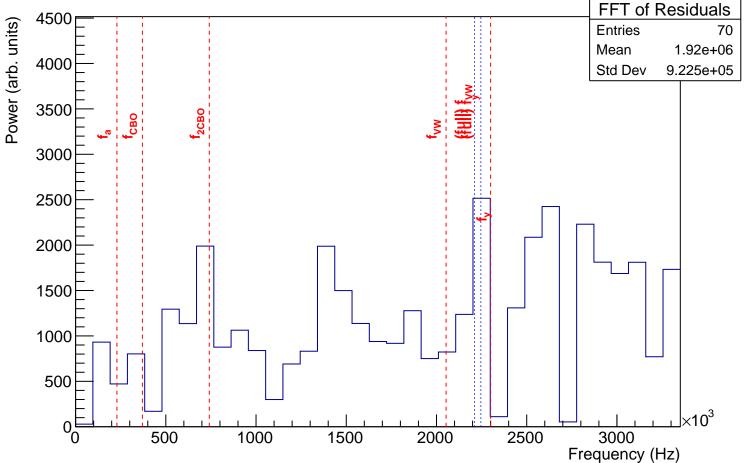
3000 Frequency (Hz)

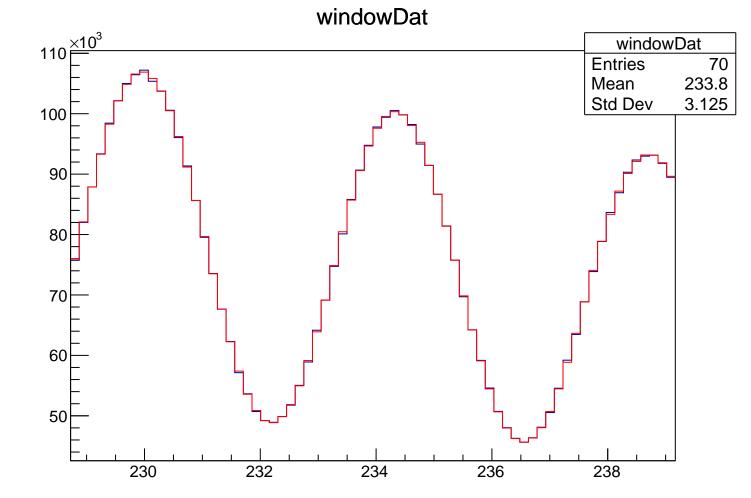
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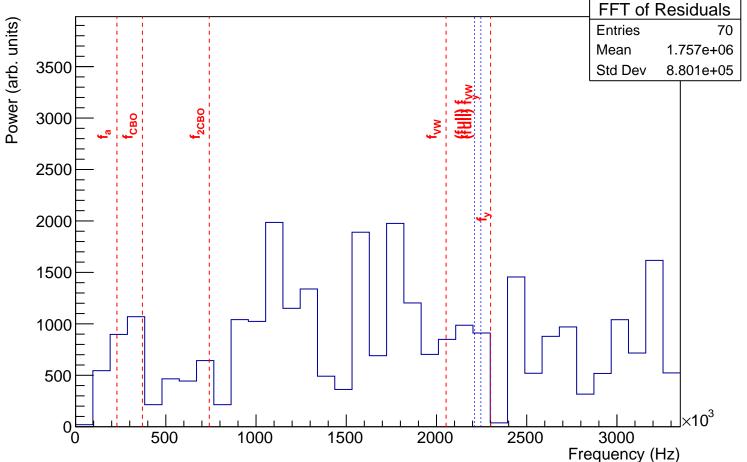
500

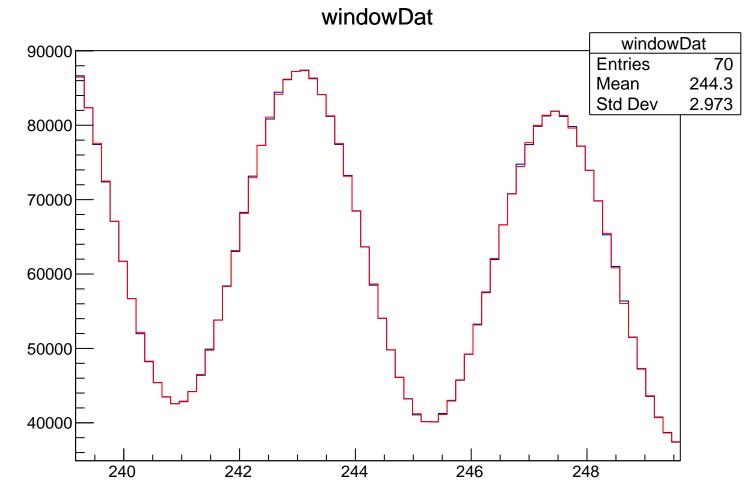
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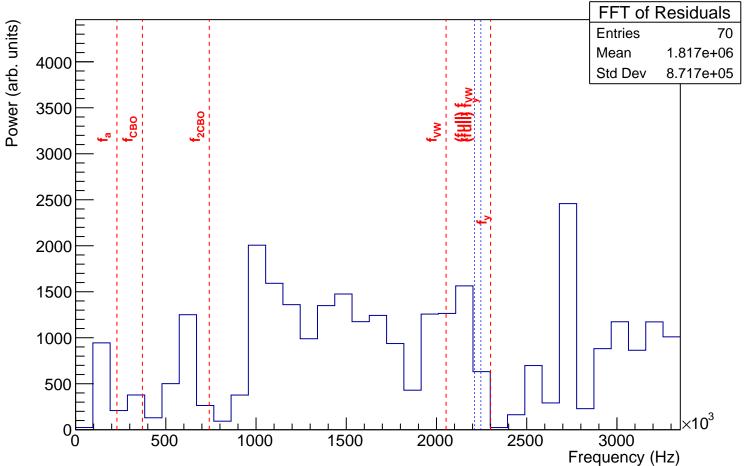




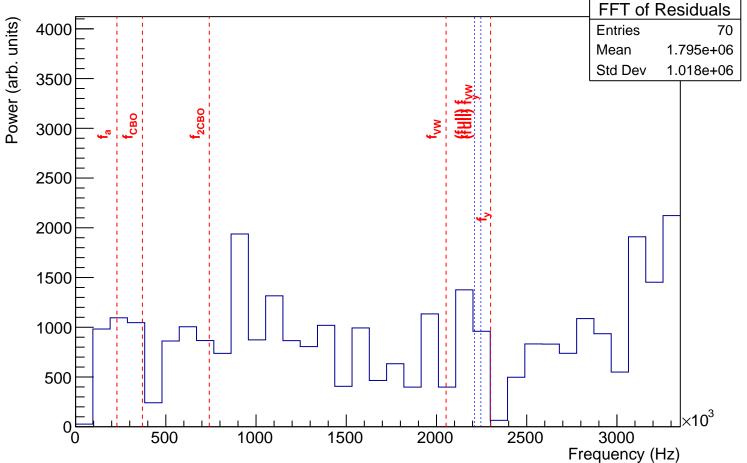


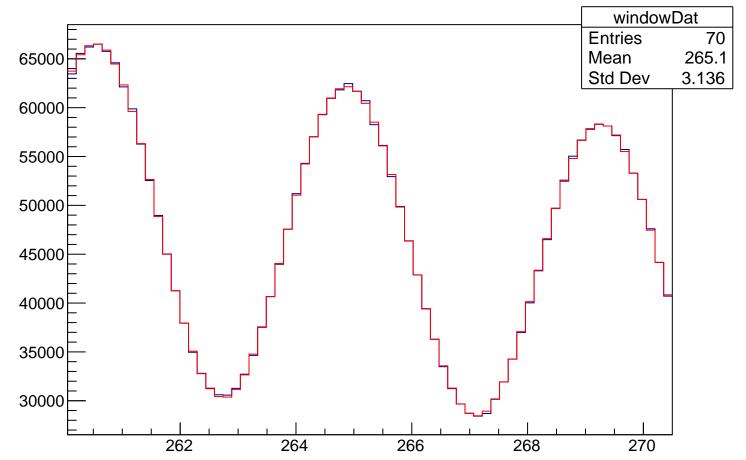


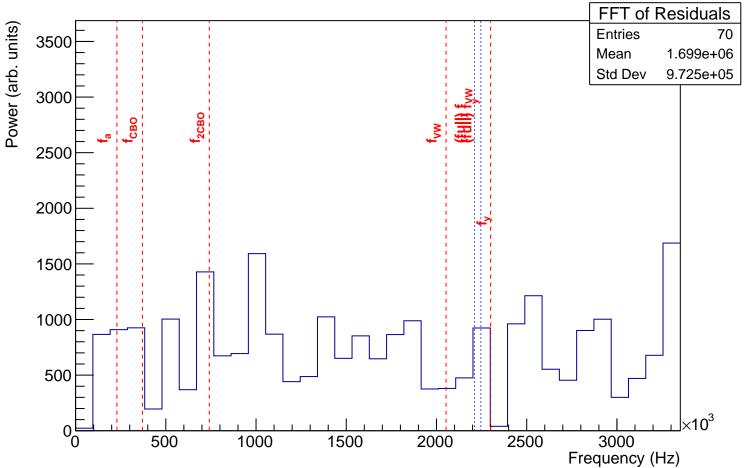




windowDat windowDat **Entries** Mean 254.6 Std Dev 2.951

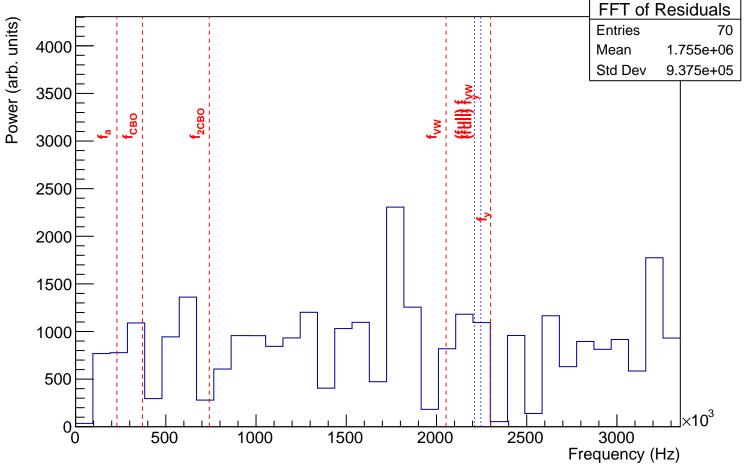


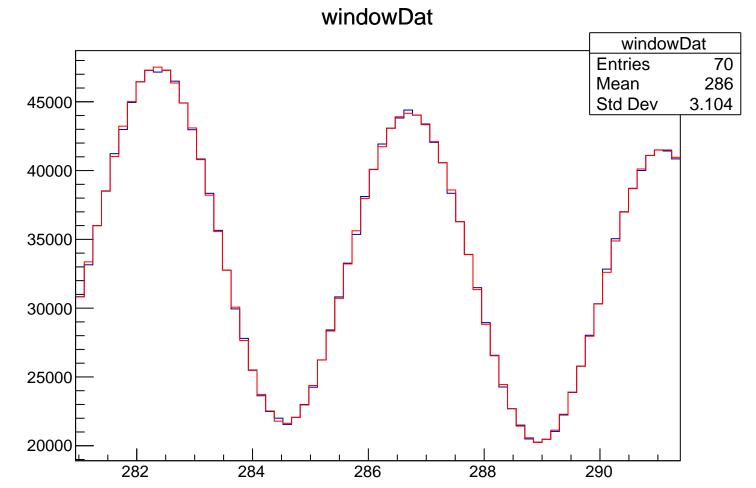


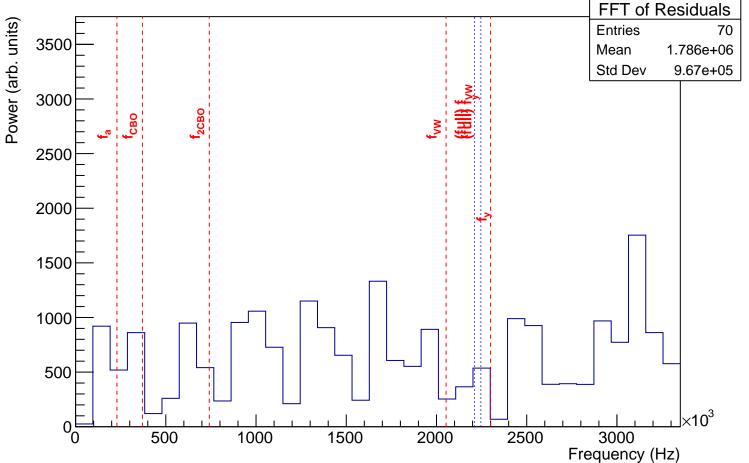


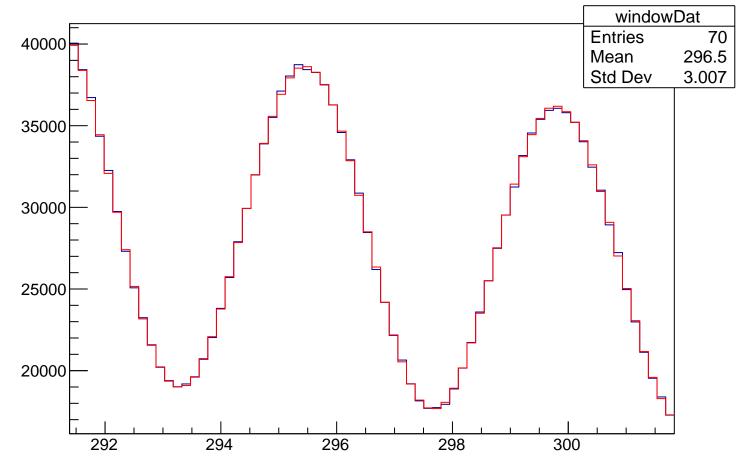
windowDat windowDat **Entries** 275.6 Mean Std Dev 2.857

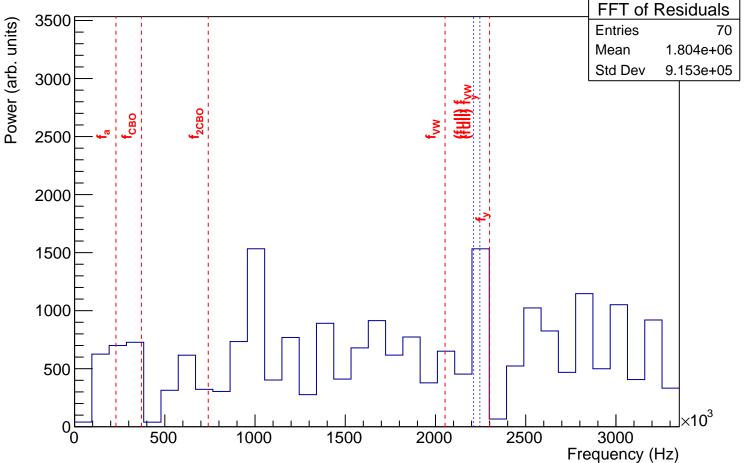
FFT of Residuals

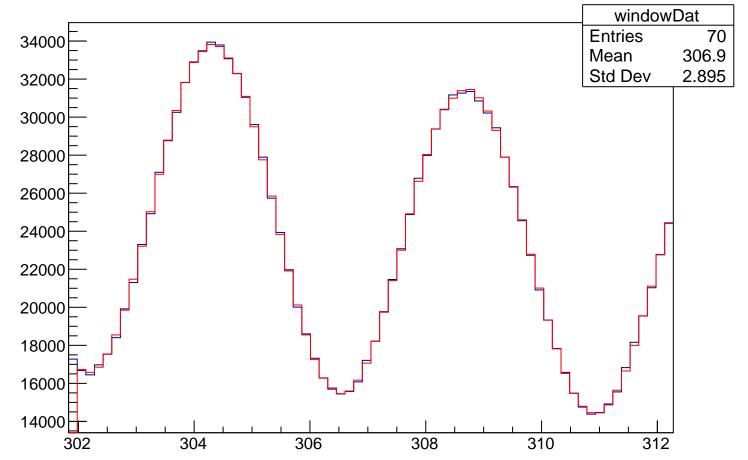


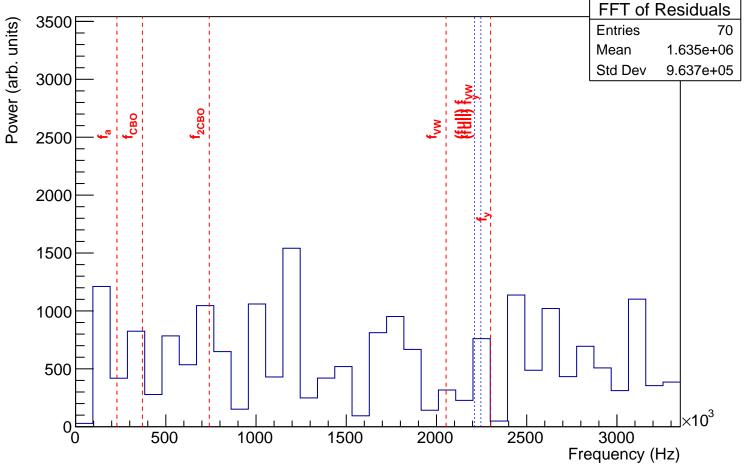


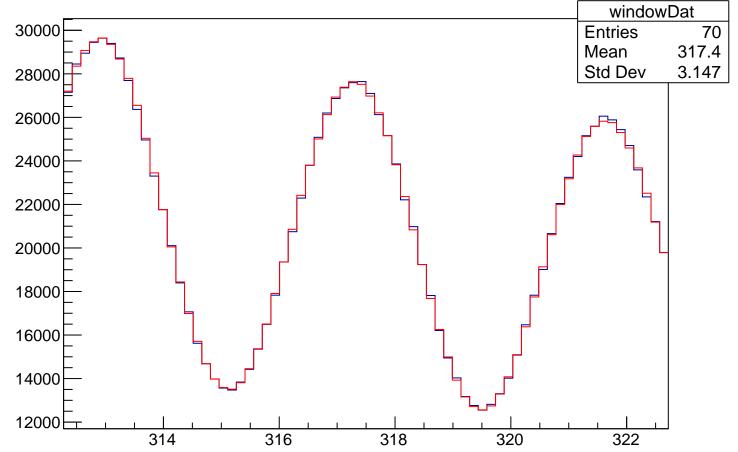




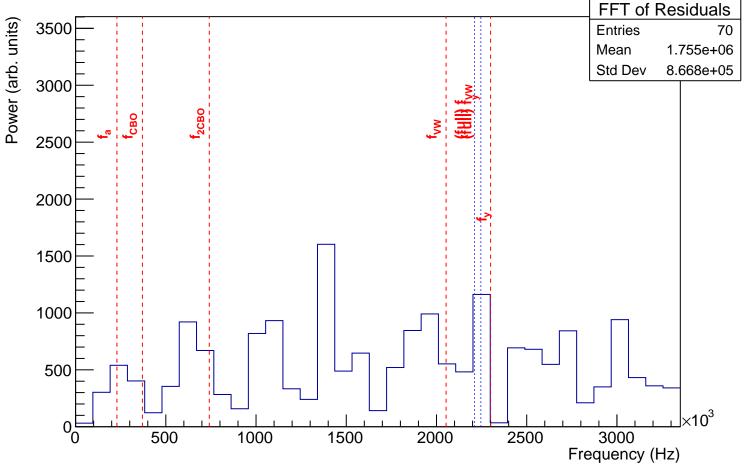


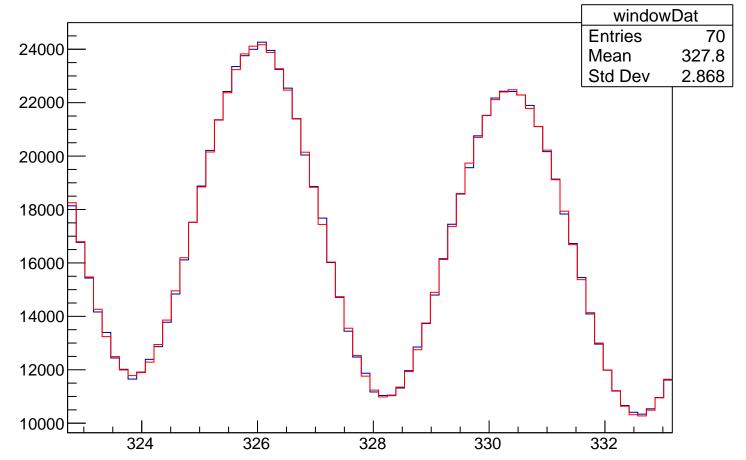


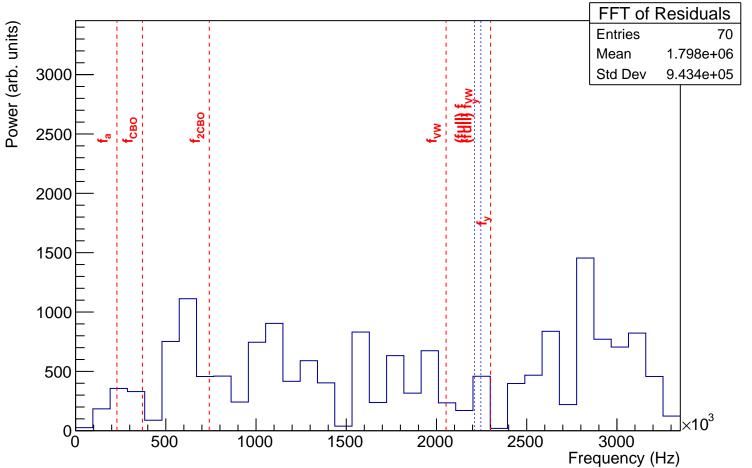


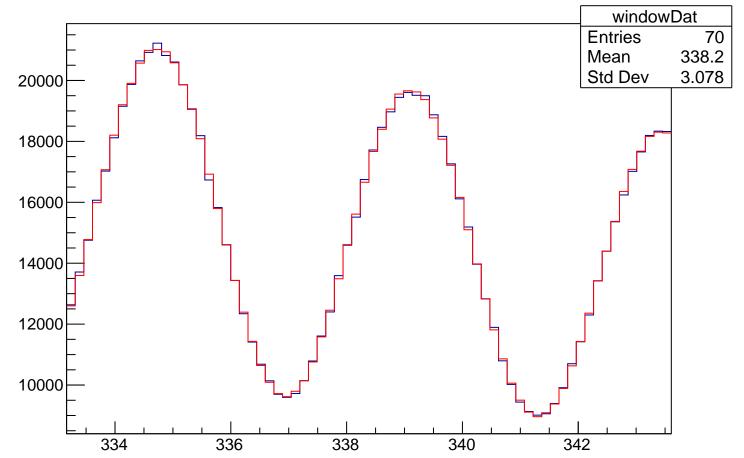


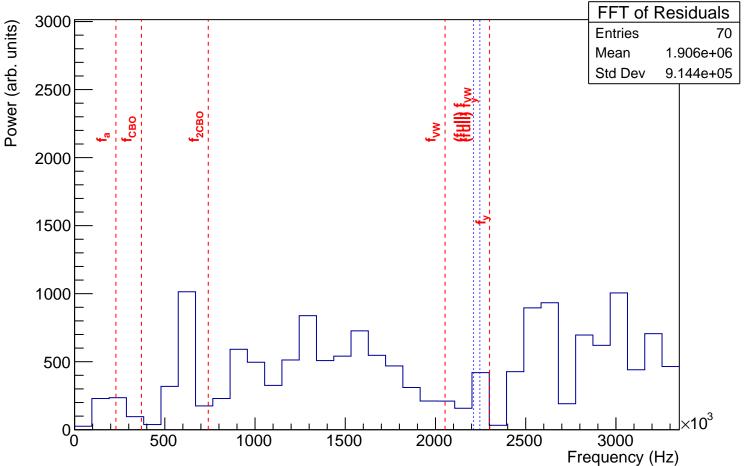
FFT of Residuals

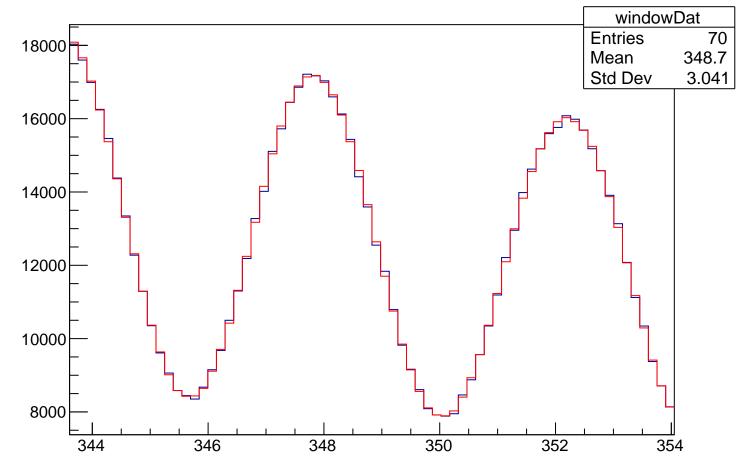












FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.609e+06 2500 1e+06 Std Dev 2000 1500 1000 500

1500

2000

2500

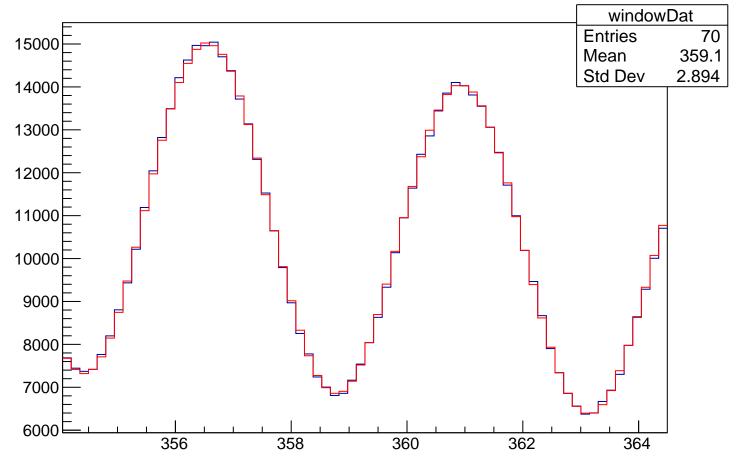
3000

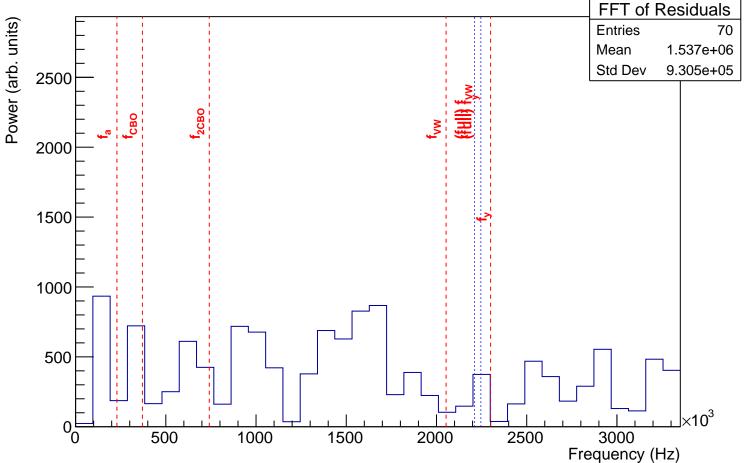
Frequency (Hz)

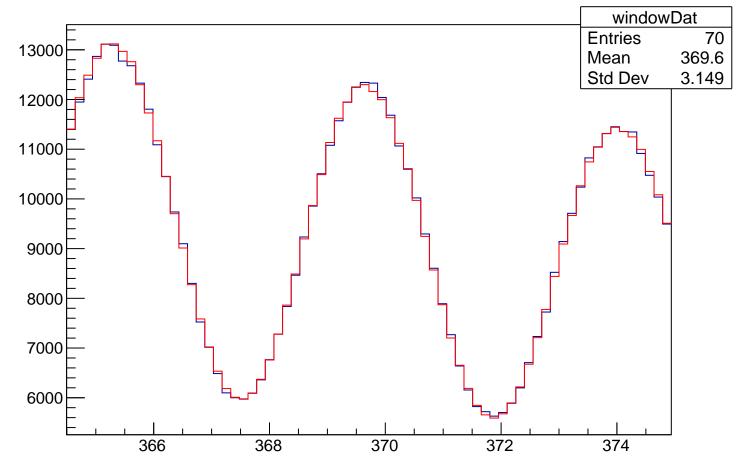
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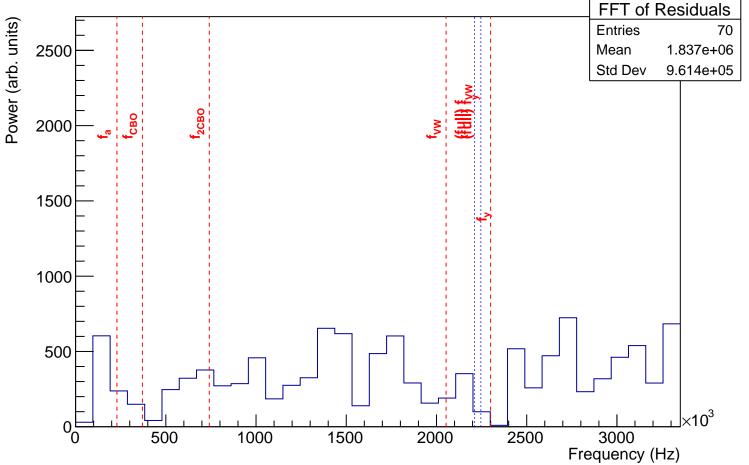
500

1000









windowDat windowDat 11000F Entries 70 380.1 Mean 2.888 Std Dev 10000 9000 8000 7000 6000 5000

380

382

384

376

378

