

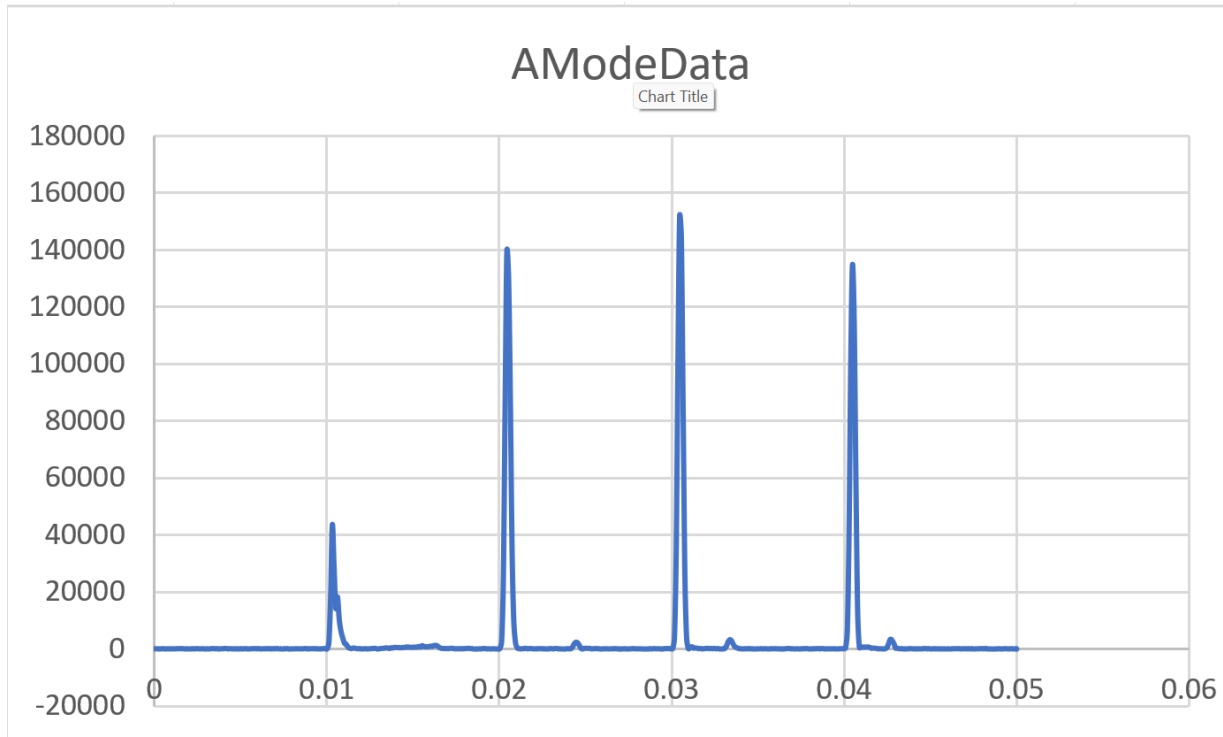
BME 121 – A3

Nrushanth Suthaharan

21070183

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A-mode line plot for RealRFData\_mystery.txt and ImagRFData\_mystery.txt



Peaks with amplitude > 40000: P1(0.01, 43500), P2(0.02,140000), P3(0.03,152000), P4(0.04,135000)

The horizontal distances between the adjacent peaks that have amplitudes above 40000 is estimated to be approximately 0.01 m. The second peak (P2) is approximately 96500 amplitudes > than the first peak (P1), the third peak (P3) is approximately 12000 amplitudes > than the second peak (P2), and the last peak (P4) is approximately 17000 amplitudes < than the third peak (P3).