

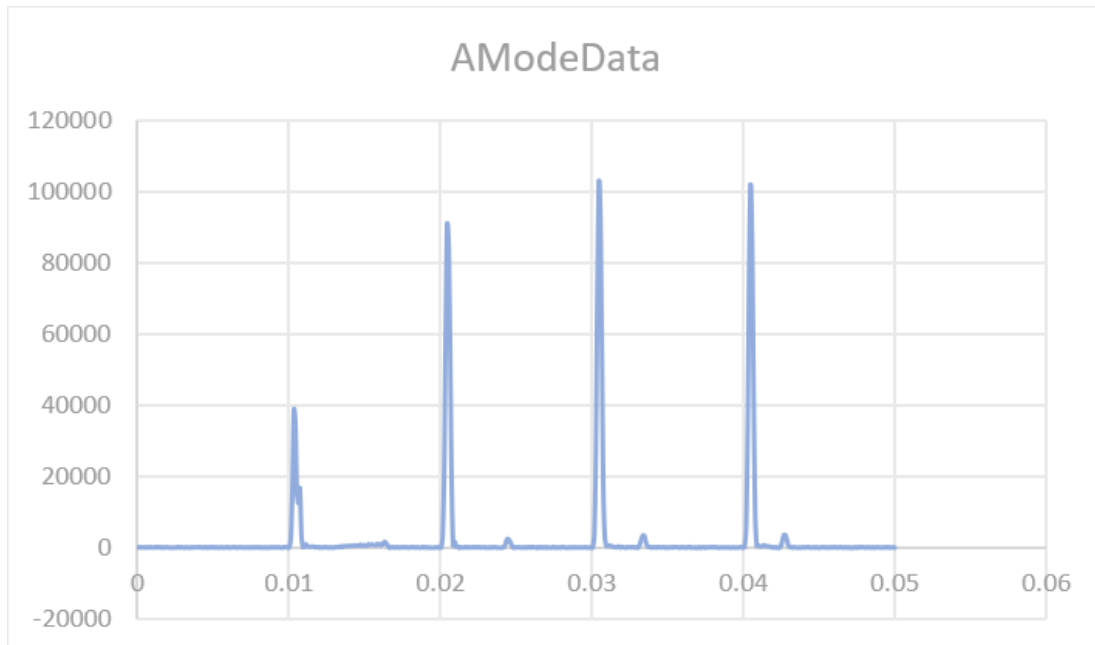
BME 121 – A3

Nrushanth Suthaharan

21070183

2023-11-28

A-mode line plot for RealRFData_mystery.txt and ImagRFData_mystery.txt



Peaks with amplitude > 40000: P1(0.02,91000), P2(0.03,103000),P3(0.04,102000)

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 12000 amplitudes > than the first peak (P1) and the third peak (P3) is approximately 1000 amplitudes < than the second peak (P2).