IMU Verification

Following the revised verification methods, I have captured and plotted the data, shown below. I have included the raw data of the drop tests and also a filtered version of the drop test. Then for each test I plotted the targeted axis to show that during the fall the accelerometer readings go from 1 g to 0 g. The only issue is that after the fall, when the IMU hits my lower hand, the accelerometer shoots upward to the bounds of the accelerometer (4g). This is probably because during the collision, there is a brief moment when the IMU actually bounces upward, which will cause the accelerometer to have such a high reading. Another possible explanation is that