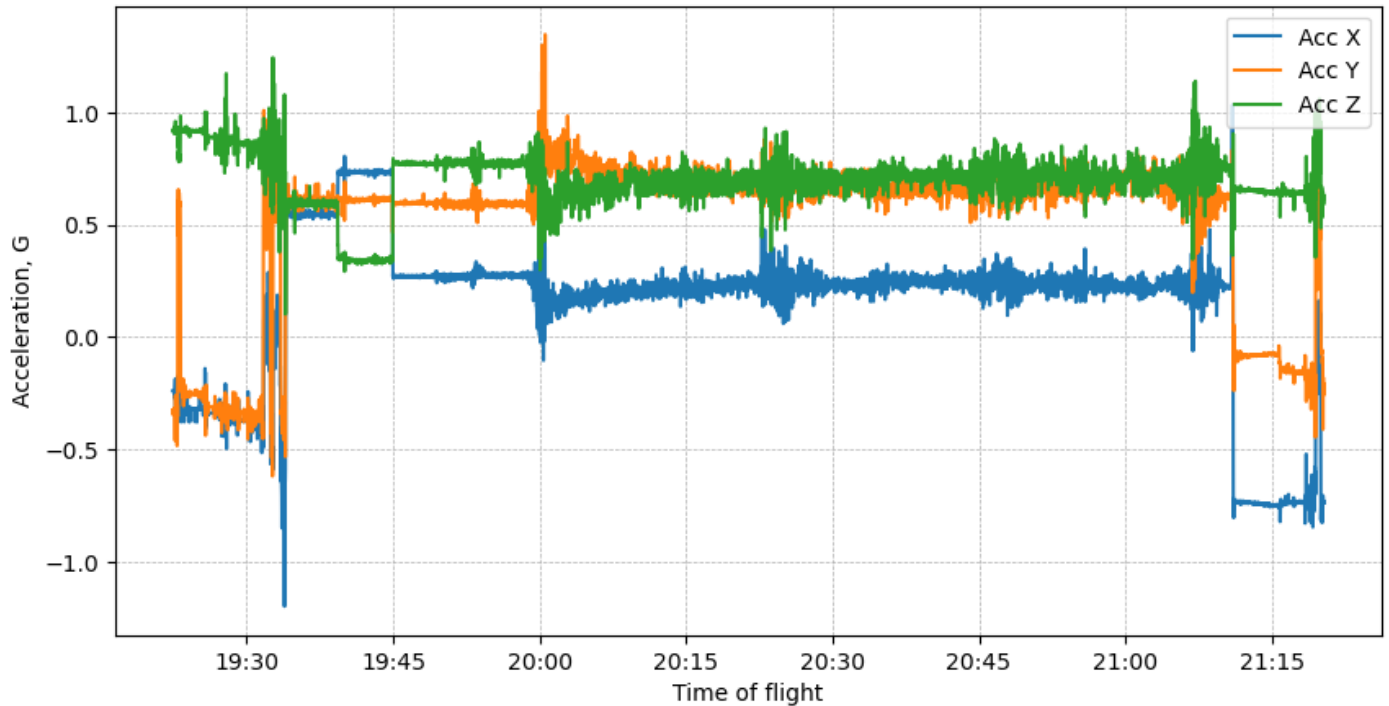


Acceleration X, Y, Z

Acceleration variation is all over the place during take of and landing:



Similarly:

```
#Plot Acceleration X, Y,Z
plt.figure(figsize=(10,5))
plt.plot(df.index, df['acc_x'], label='Acc X')
plt.plot(df.index, df['acc_y'], label='Acc Y')
plt.plot(df.index, df['acc_z'], label='Acc Z')
plt.xlabel('Time of flight')
plt.ylabel('Acceleration, G')
plt.legend(loc='upper right')
# plt.xlim(1000,6500)
# plt.ylim(720,1100)
ax = plt.gca() # Get the current Axes instance on the current figure
date_format = plt.matplotlib.dates.DateFormatter('%H:%M') # Set format to hour:minute
ax.xaxis.set_major_formatter(date_format)
ax.grid(axis='both', linestyle='--', linewidth=0.5)
plt.show()
```

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