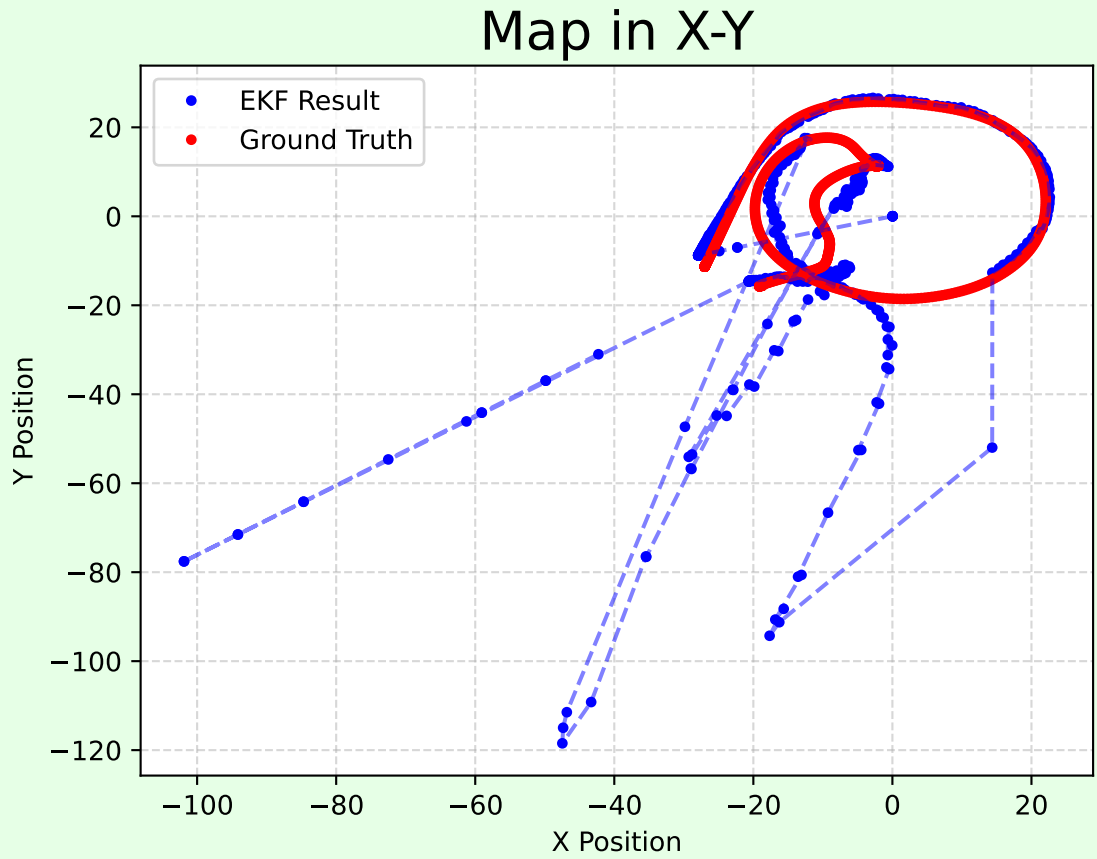
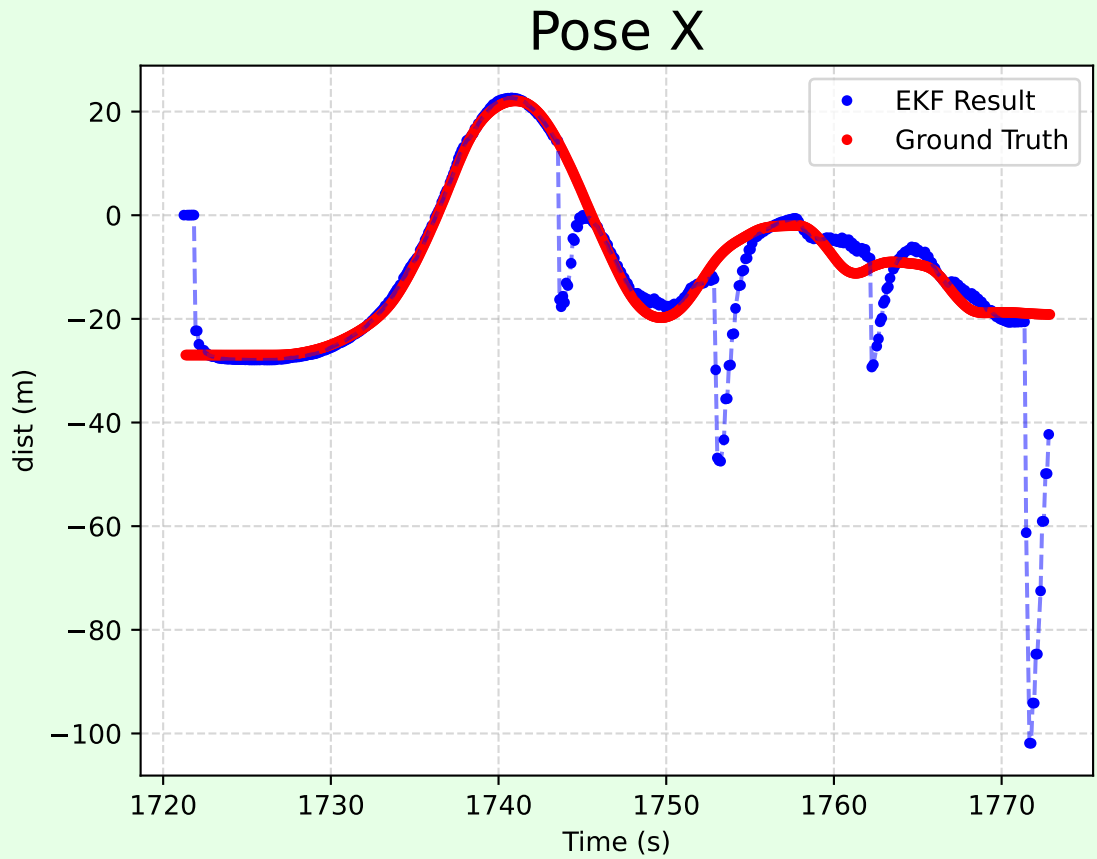
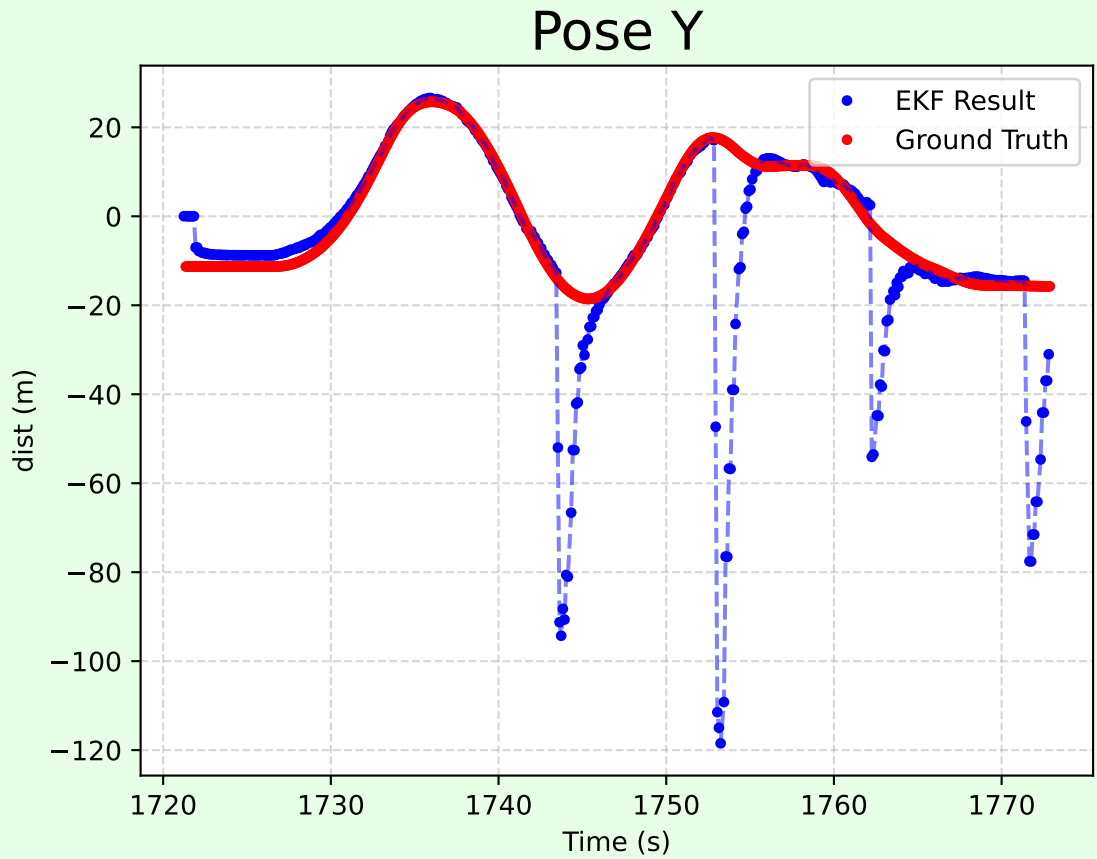
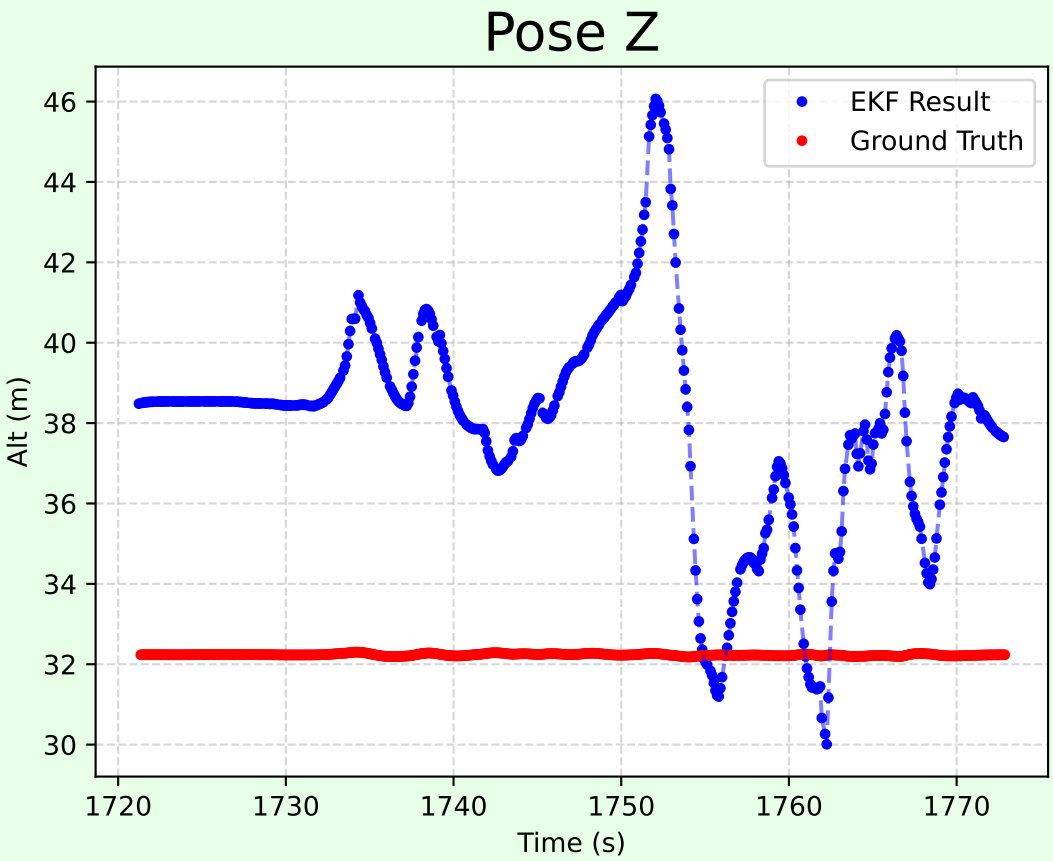

Map in X-Y
EKF Result
Ground Truth
20
0
−20
−40
−60
−80
−100
−120
Y Position
−100
−80
−60
−40
−20
0
20
X Position

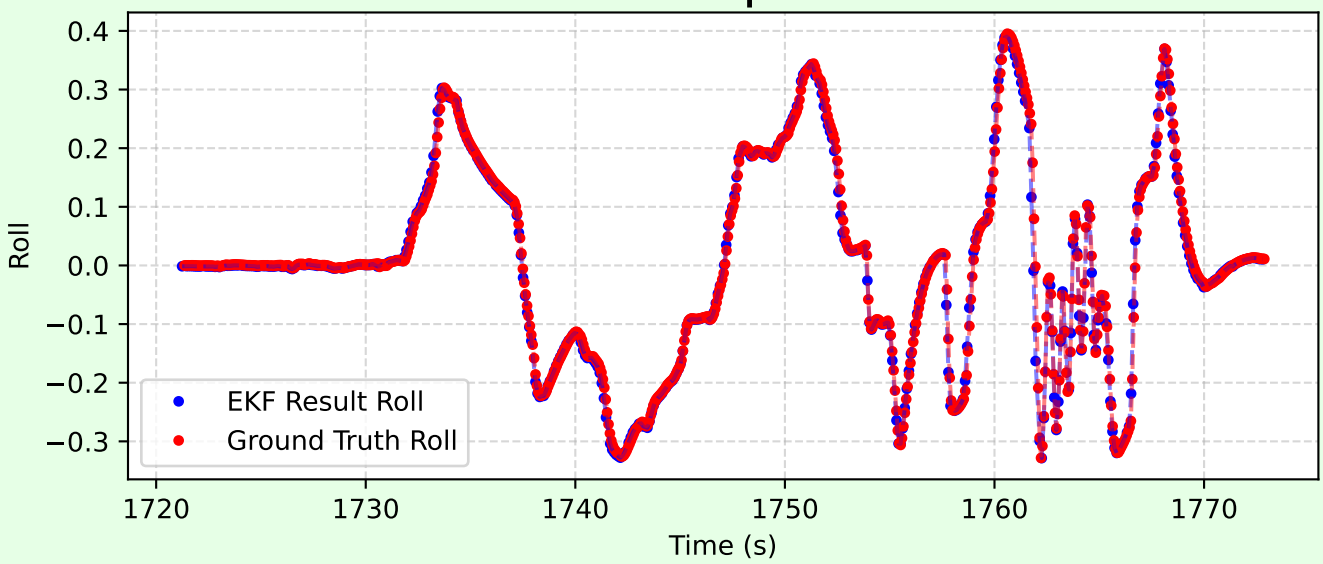

Pose X
EKF Result
Ground Truth
dist (m)
Time (s)
20
0
−20
−40
−60
−80
−100
1720
1730
1740
1750
1760
1770


Pose Y
EKF Result
Ground Truth
dist (m)
Time (s)
20
0
−20
−40
−60
−80
−100
−120
1720
1730
1740
1750
1760
1770

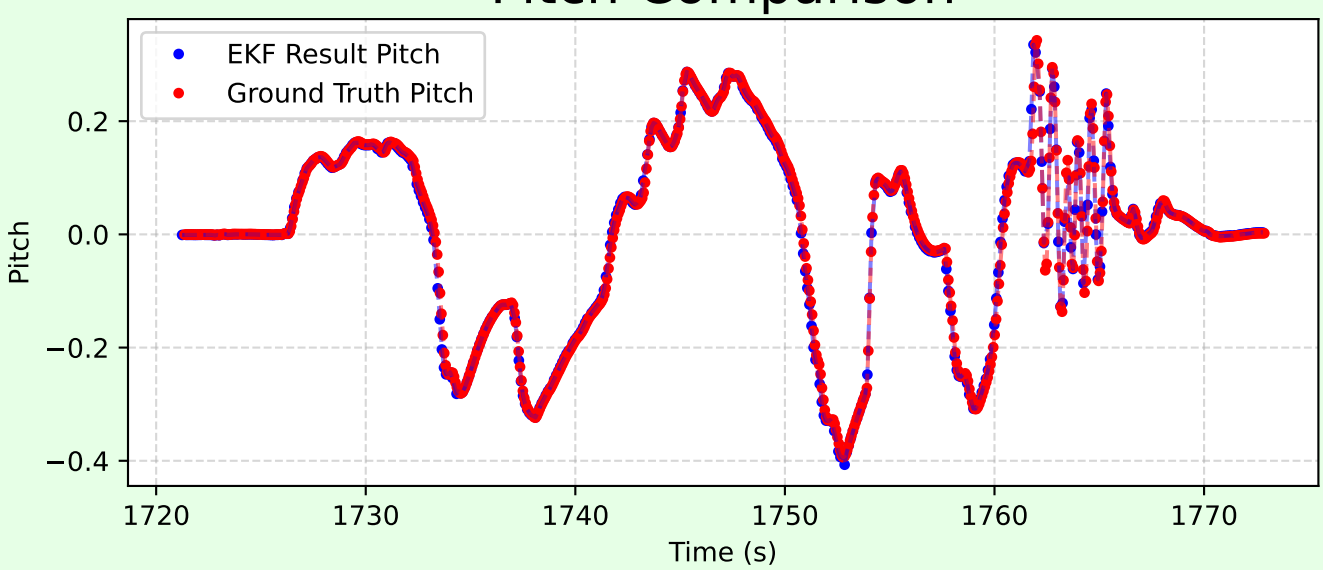

Pose Z
EKF Result
Ground Truth
Alt (m)
Time (s)
46
44
42
40
38
36
34
32
30
1720
1730
1740
1750
1760
1770

RPY Orientation

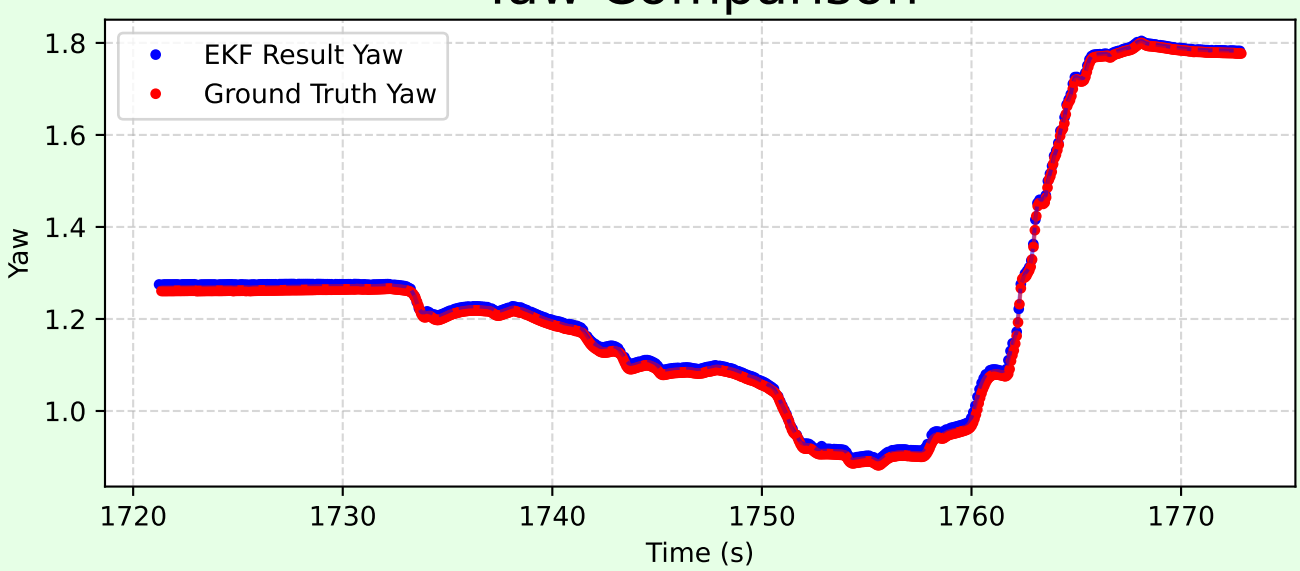
Roll Comparison

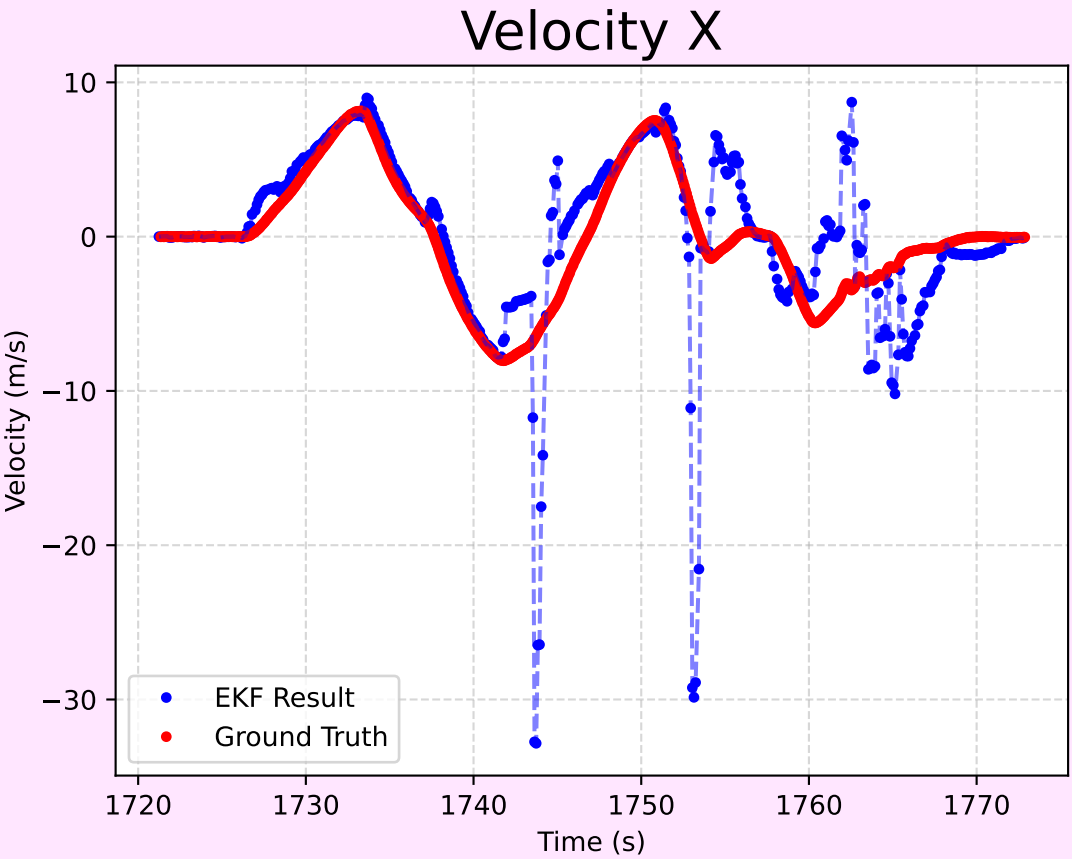


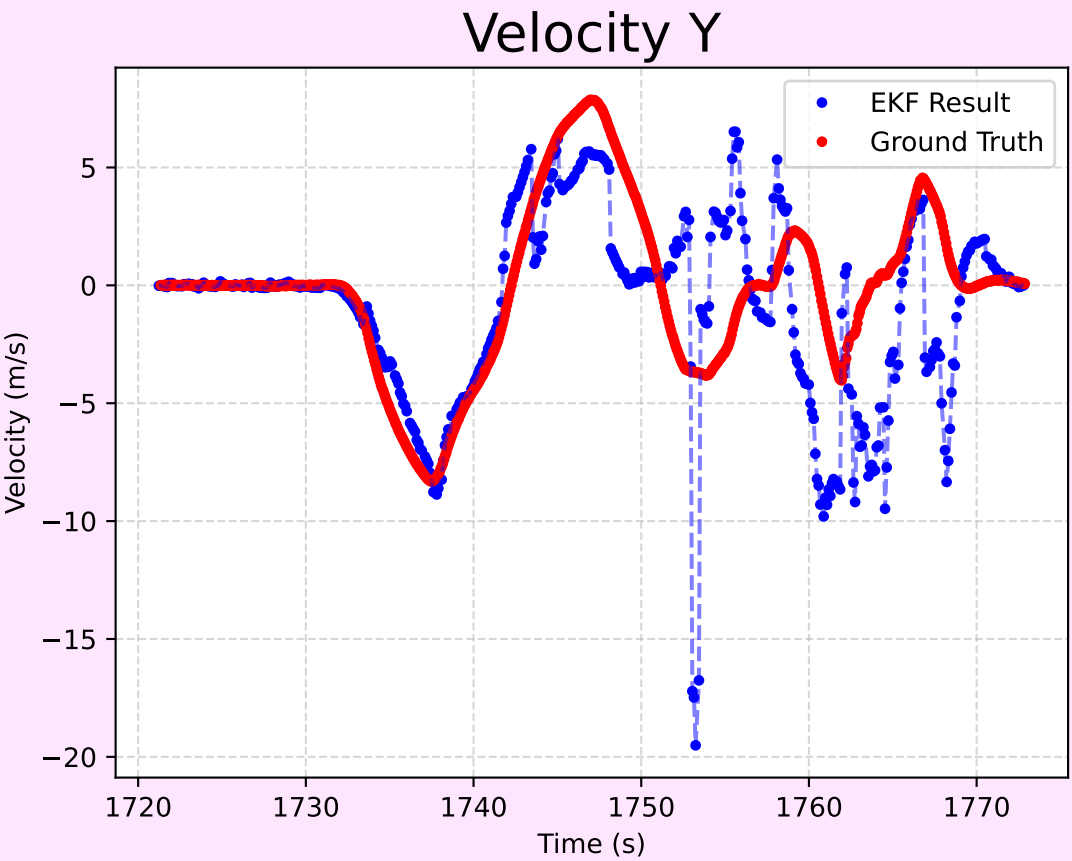
Pitch Comparison

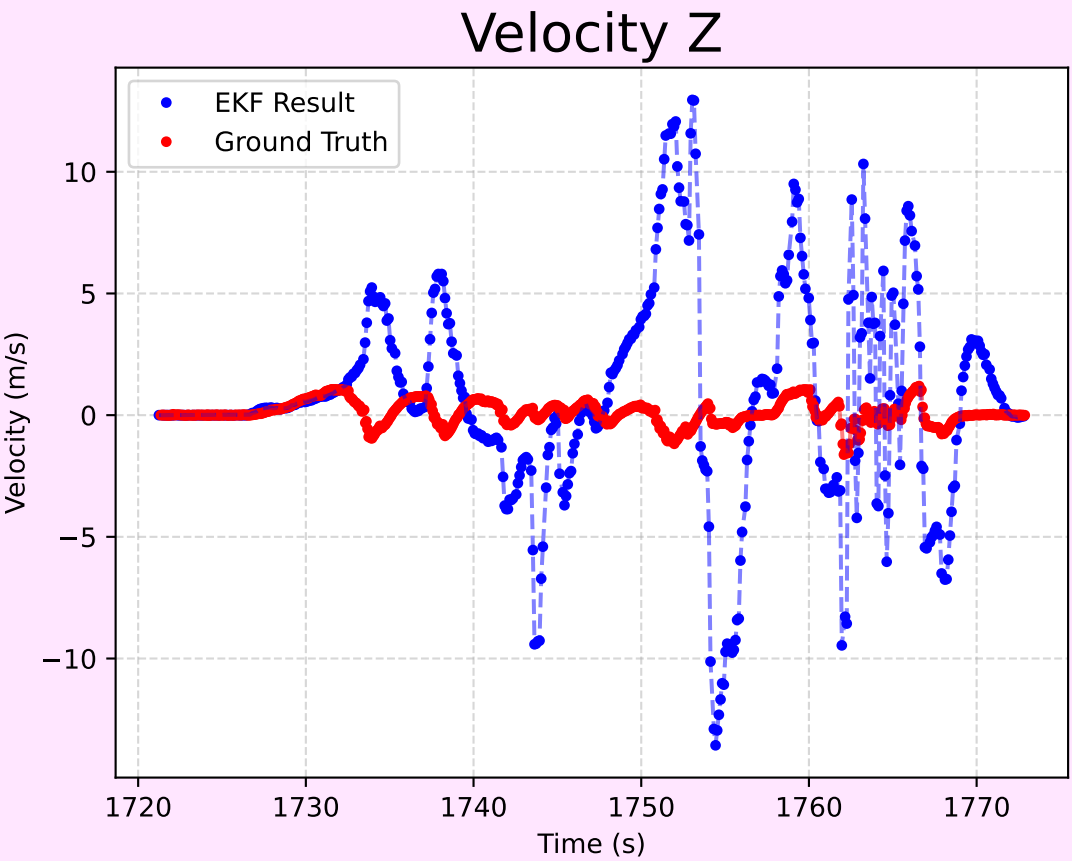


Yaw Comparison



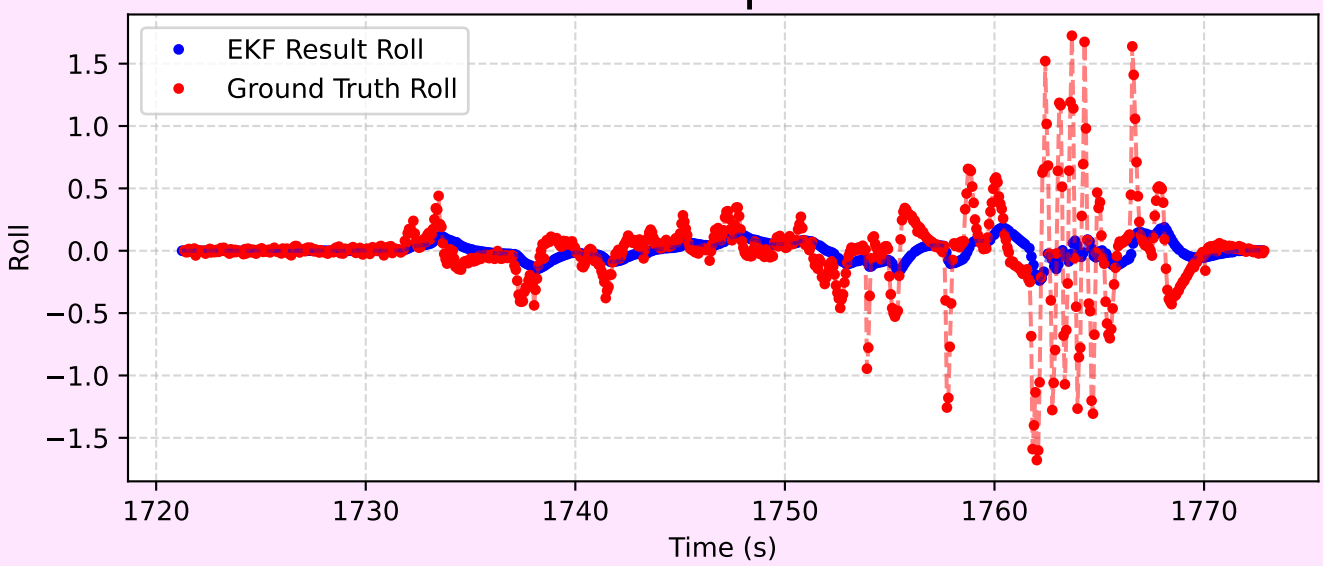

Velocity X
10
0
−10
−20
−30
Velocity (m/s)
1720
1730
1740
1750
1760
1770
Time (s)
EKF Result
Ground Truth


Velocity Y
EKF Result
Ground Truth
Velocity (m/s)
5
0
−5
−10
−15
−20
1720
1730
1740
1750
1760
1770
Time (s)

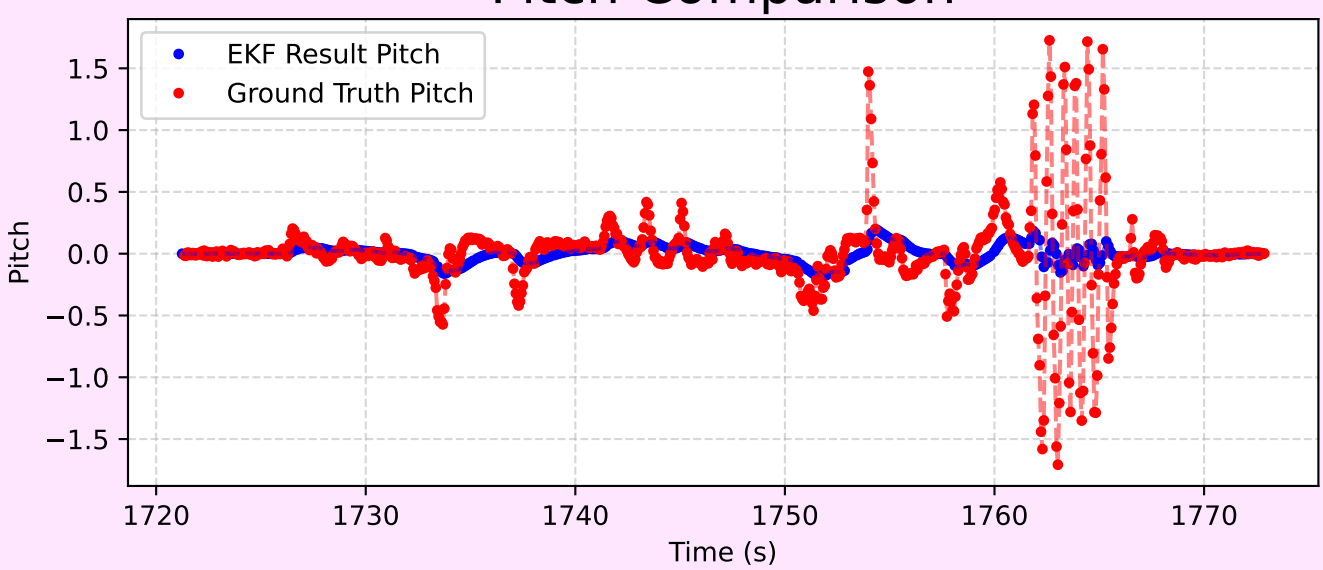
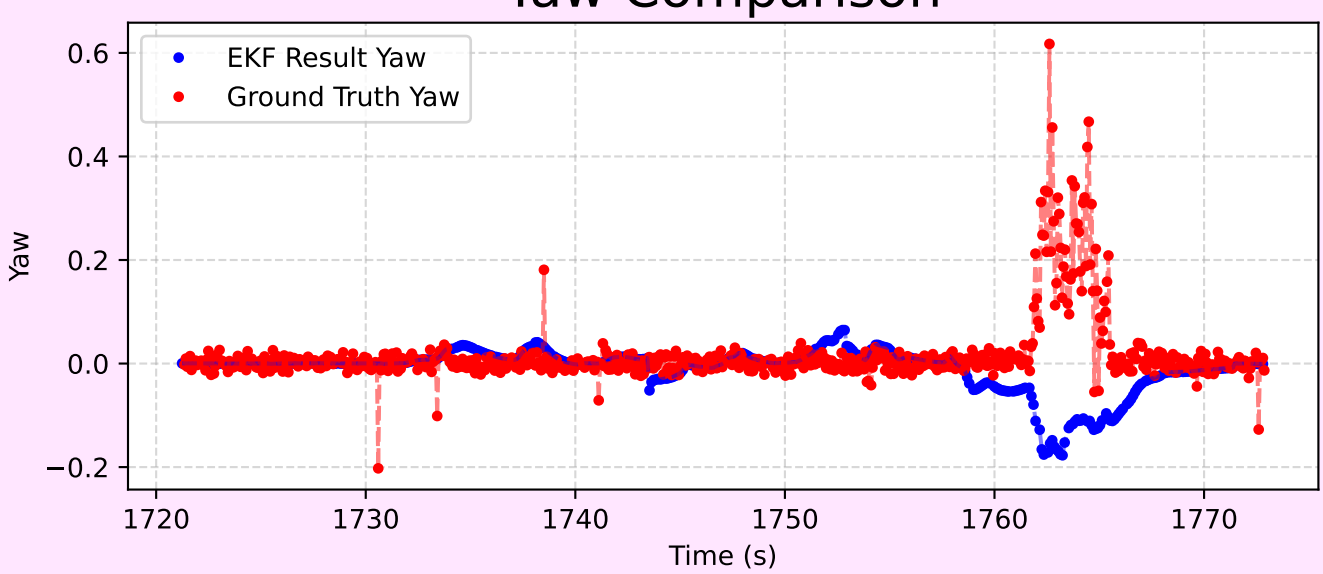

Velocity Z
EKF Result
Ground Truth
Velocity (m/s)
10
5
0
−5
−10
1720
1730
1740
1750
1760
1770
Time (s)

RPY Velocities

Roll Comparison



Pitch Comparison



Yaw Comparison