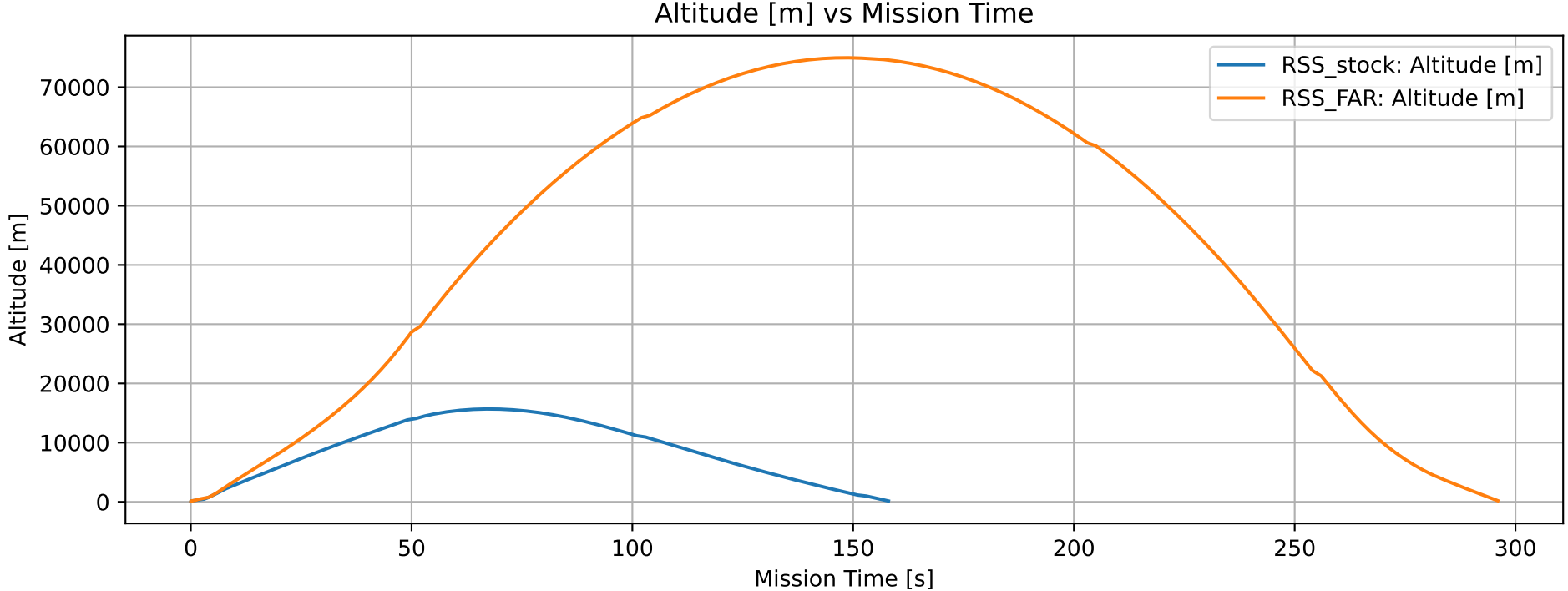
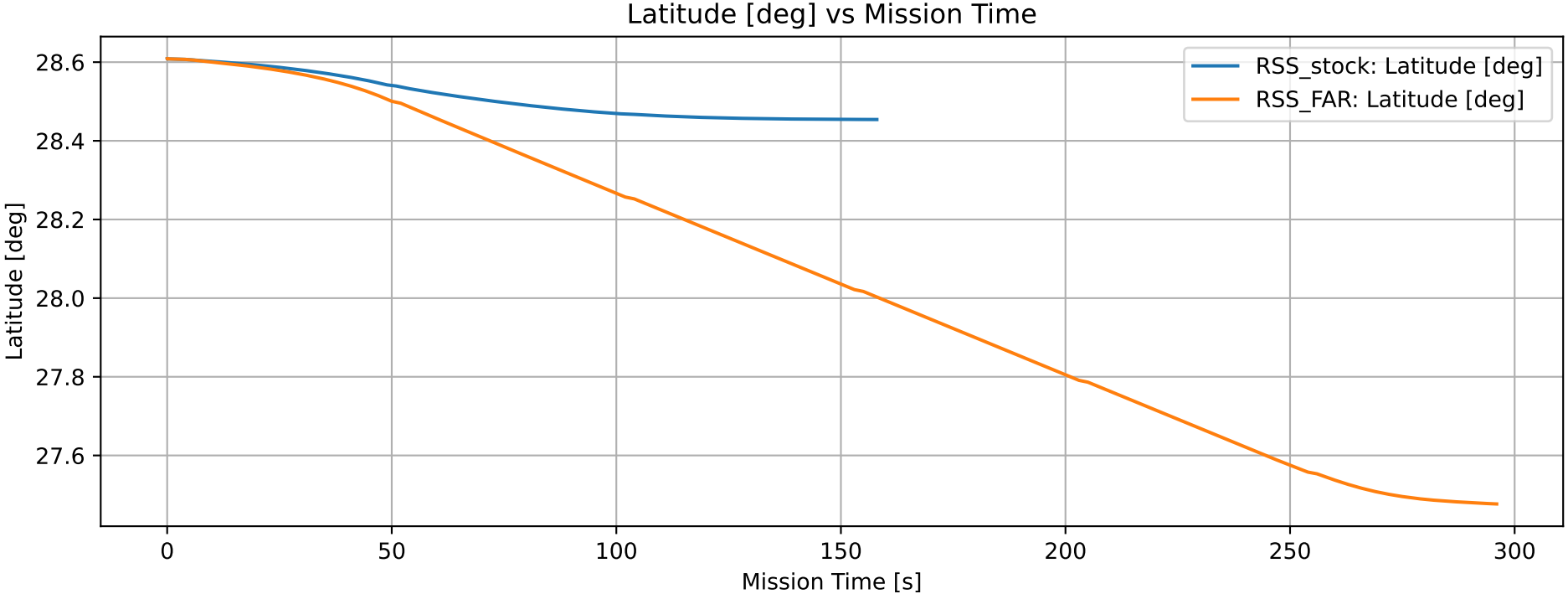
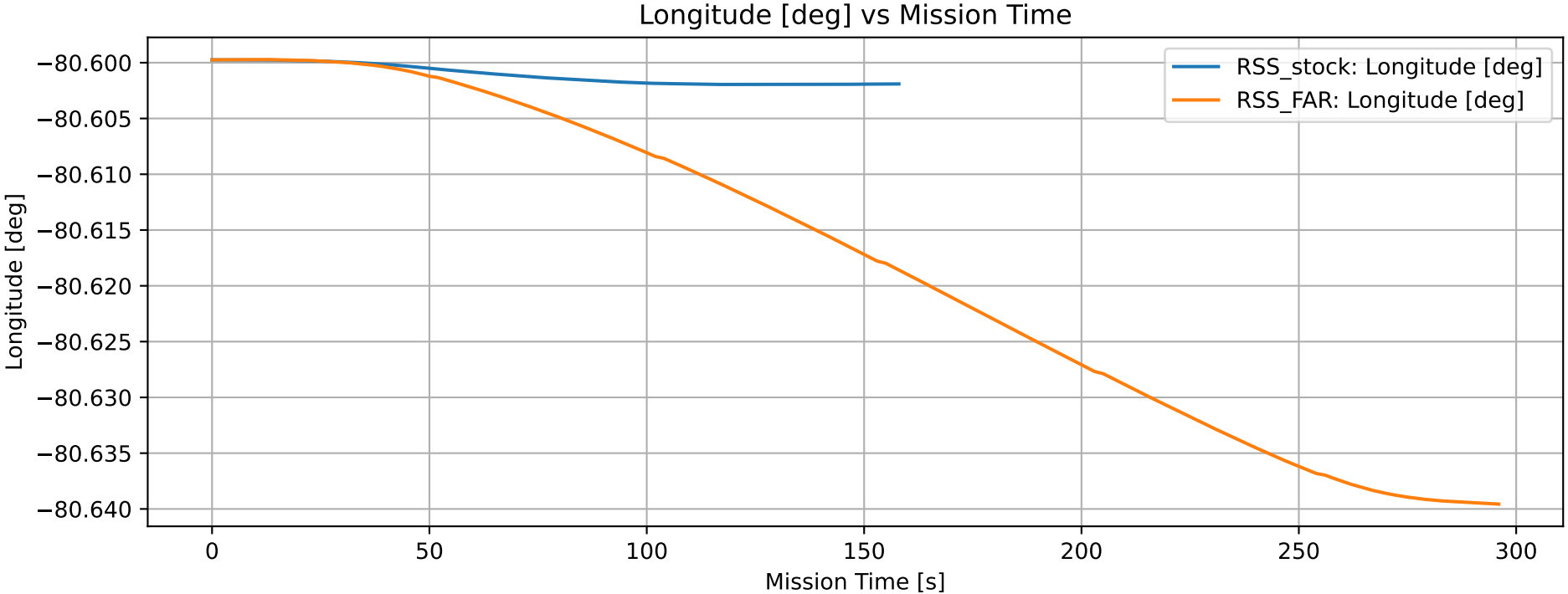
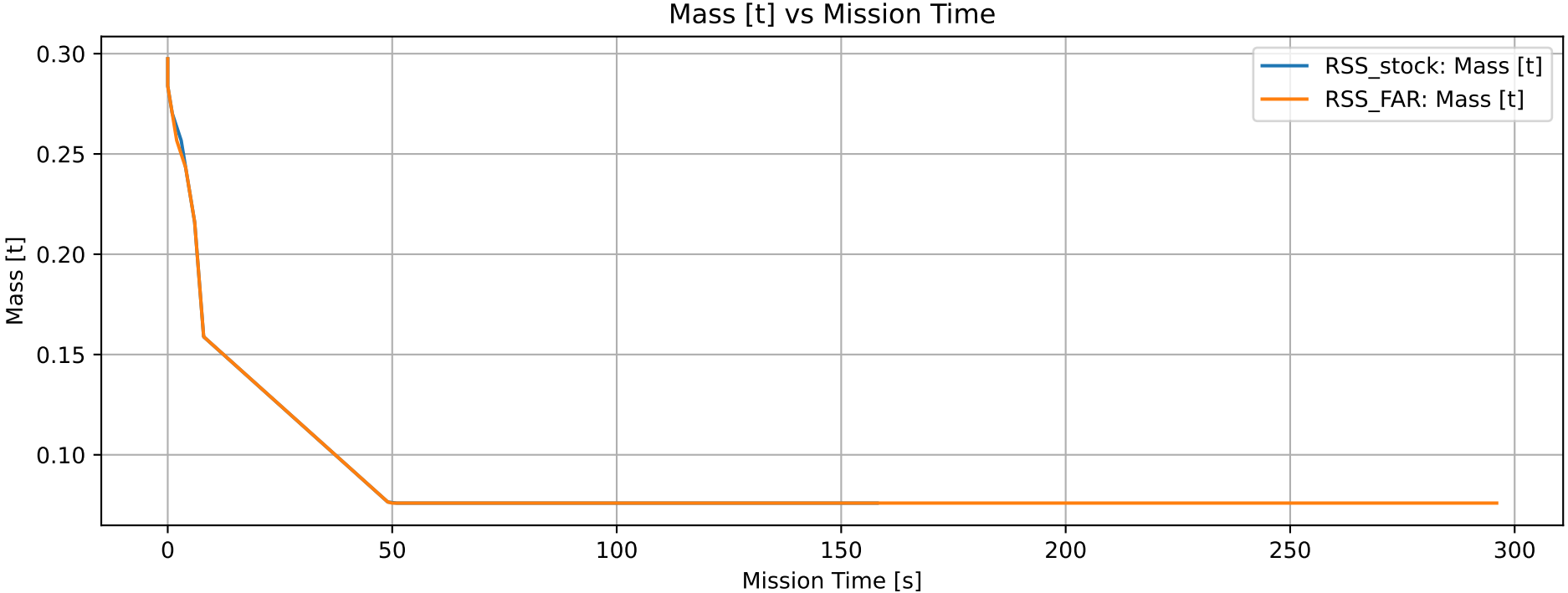
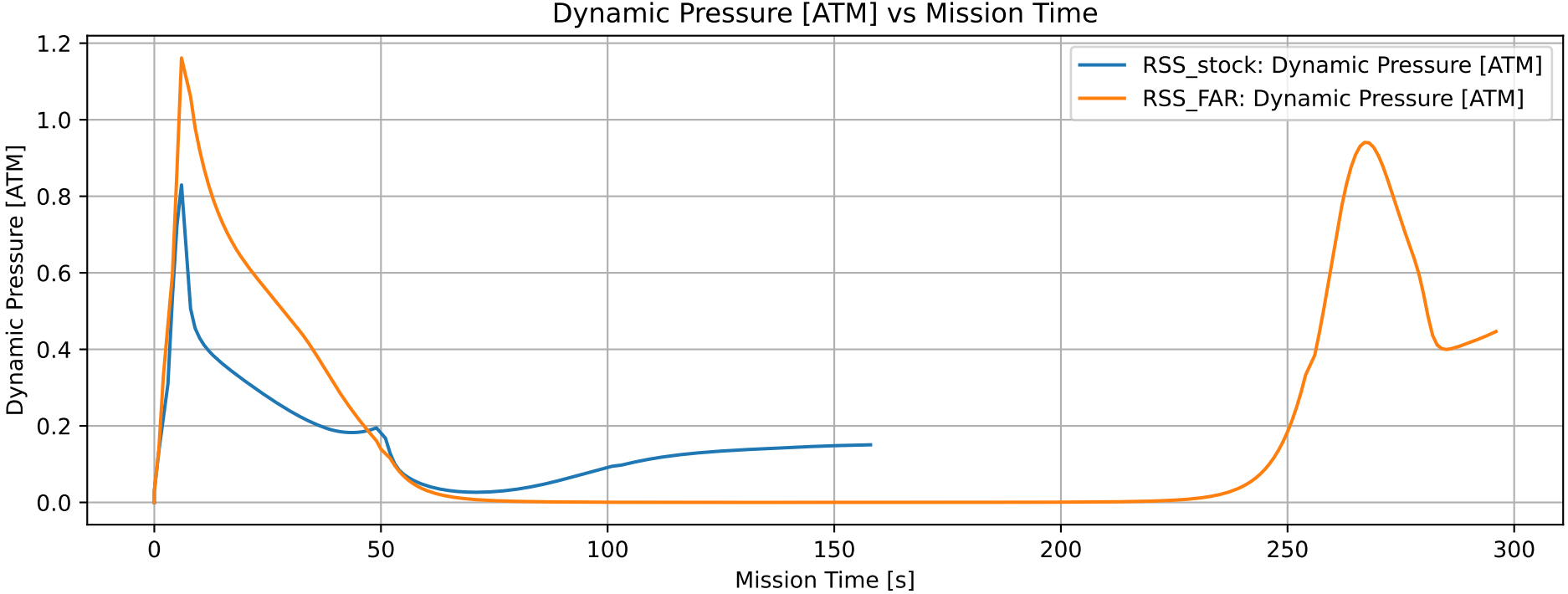
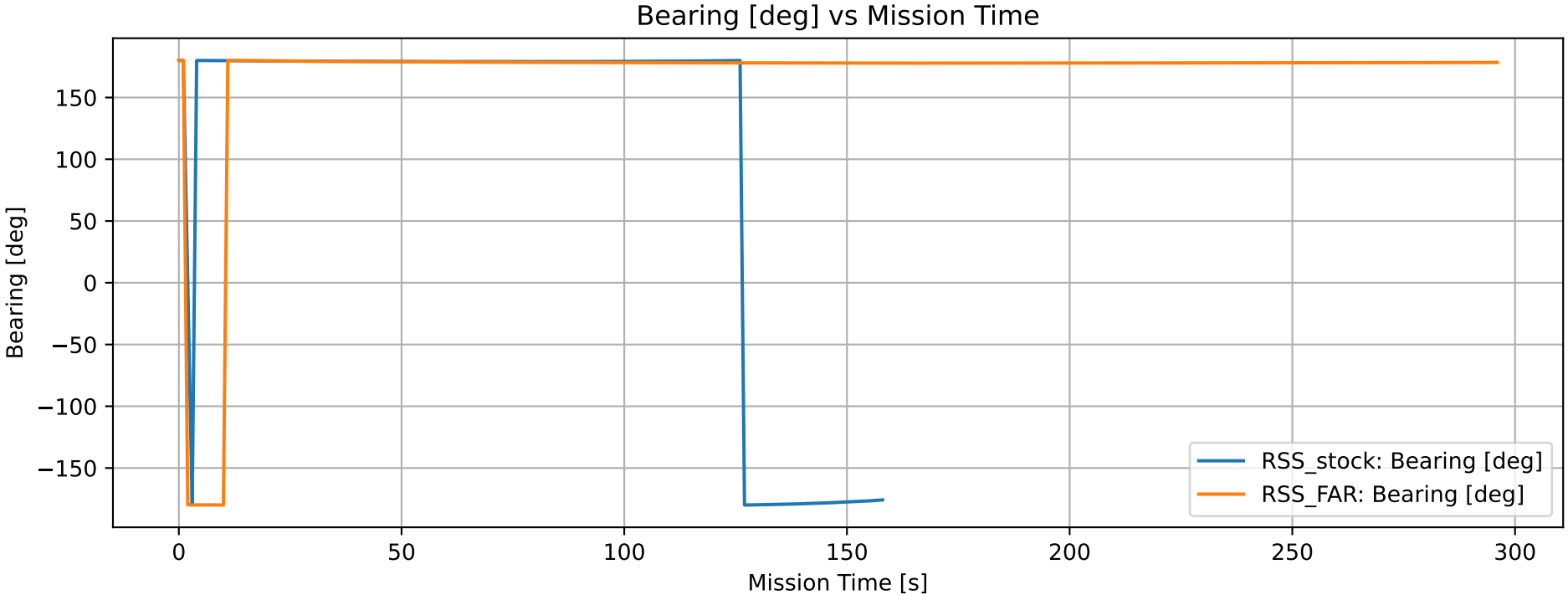

Altitude [m] vs Mission Time
RSS_stock: Altitude [m]
RSS_FAR: Altitude [m]
Altitude [m]
70000
60000
50000
40000
30000
20000
10000
0
0
50
100
150
200
250
300
Mission Time [s]

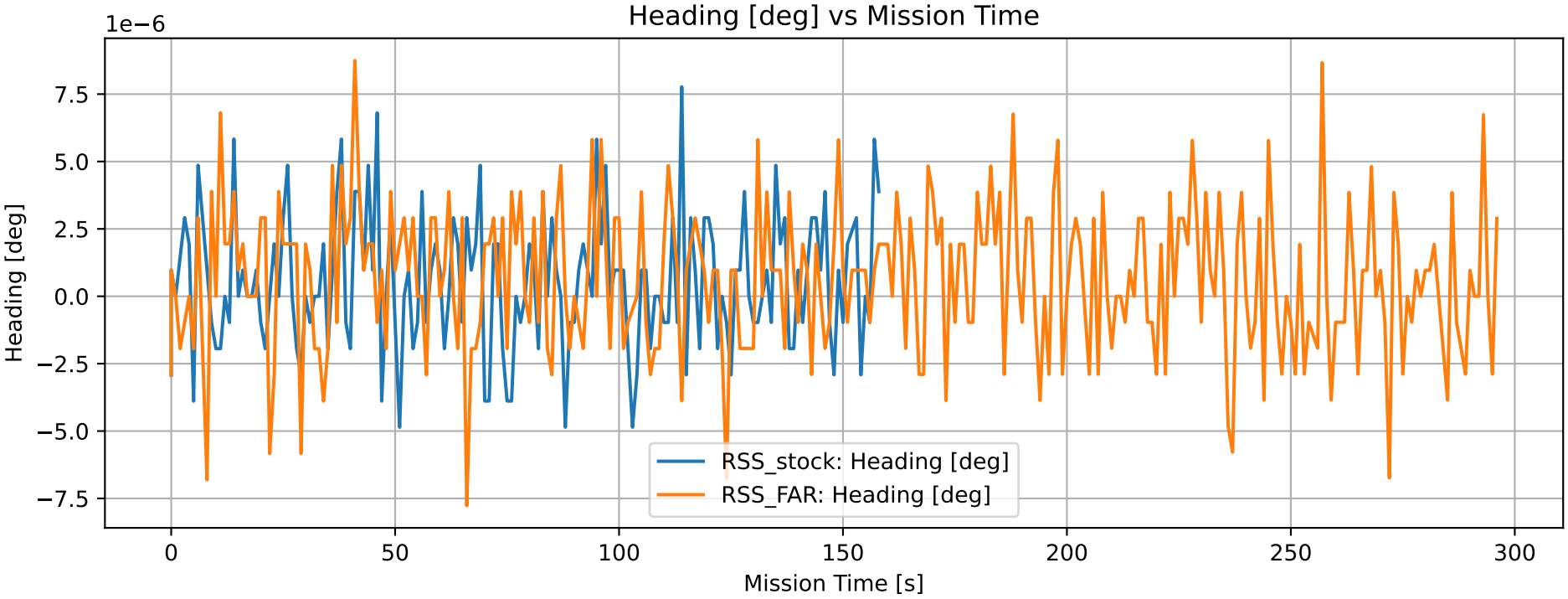

Latitude [deg] vs Mission Time
RSS_stock: Latitude [deg]
RSS_FAR: Latitude [deg]
Latitude [deg]
28.6
28.4
28.2
28.0
27.8
27.6
0
50
100
150
200
250
300
Mission Time [s]

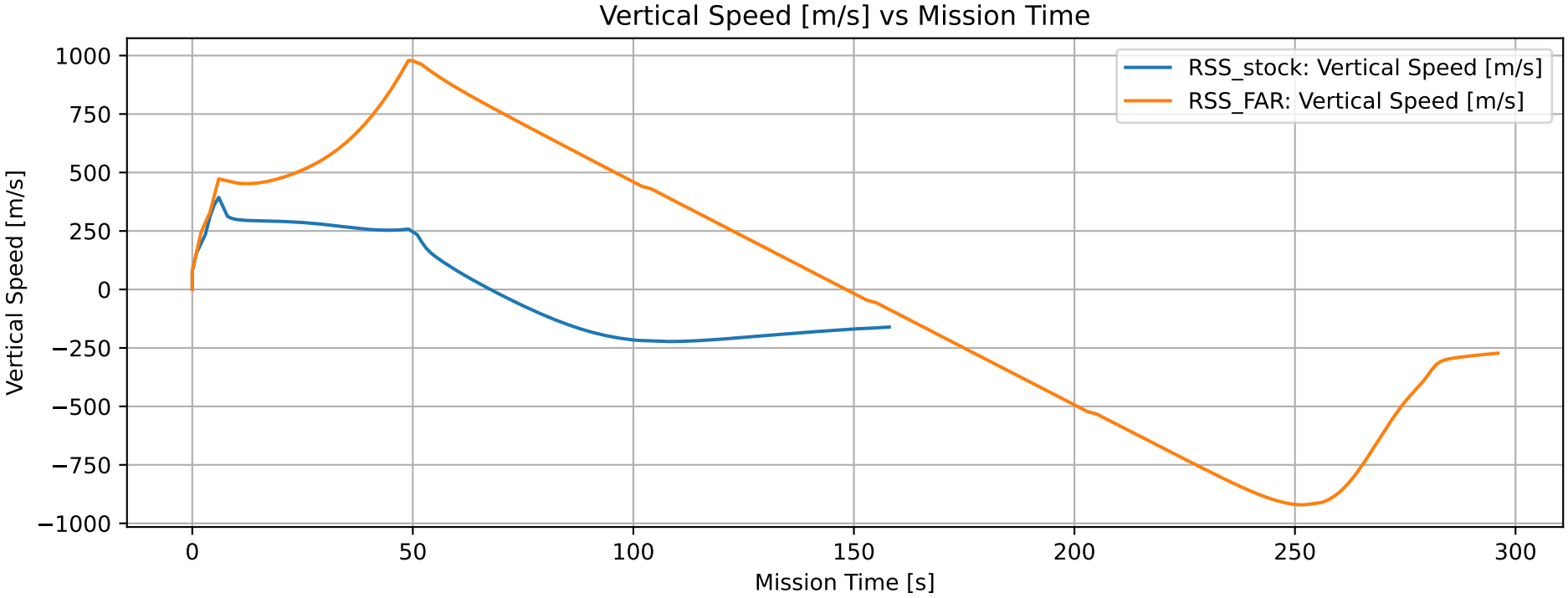

Longitude [deg] vs Mission Time
RSS_stock: Longitude [deg]
RSS_FAR: Longitude [deg]
Longitude [deg]
−80.600
−80.605
−80.610
−80.615
−80.620
−80.625
−80.630
−80.635
−80.640
0
50
100
150
200
250
300
Mission Time [s]

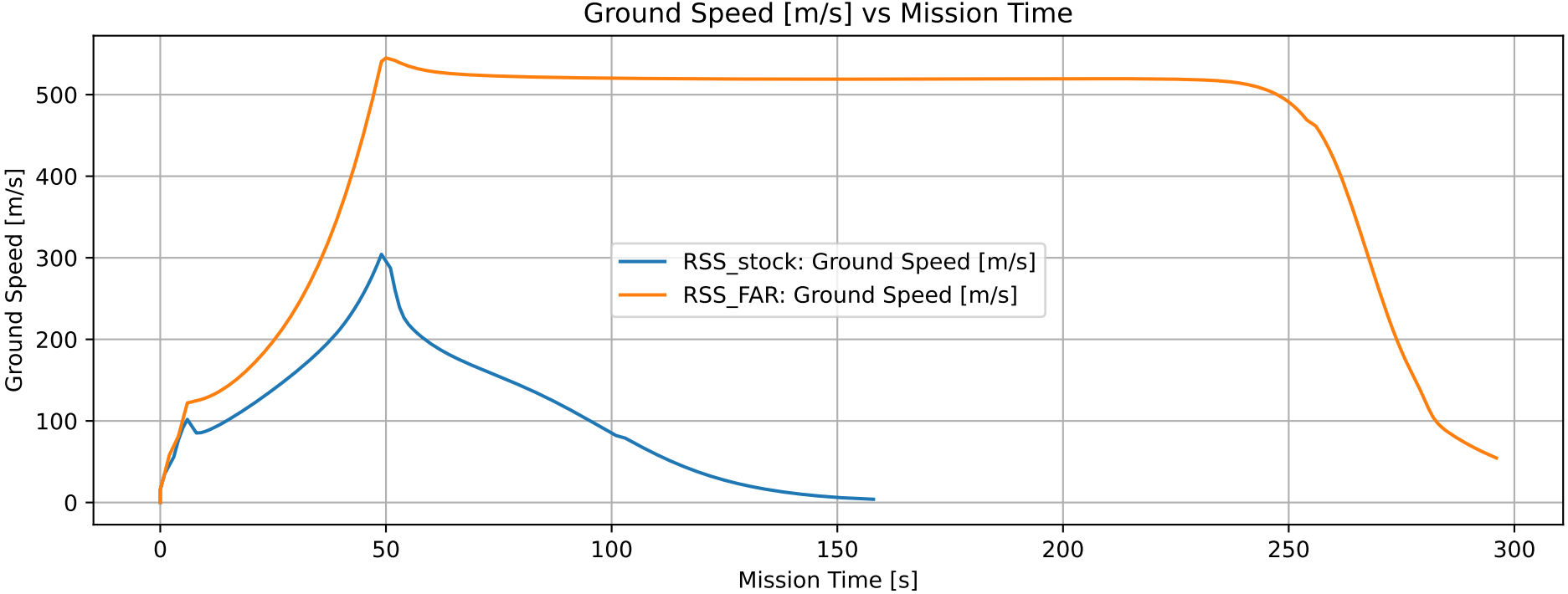

Mass [t] vs Mission Time
RSS_stock: Mass [t]
RSS_FAR: Mass [t]
Mass [t]
0.30
0.25
0.20
0.15
0.10
0
50
100
150
200
250
300
Mission Time [s]

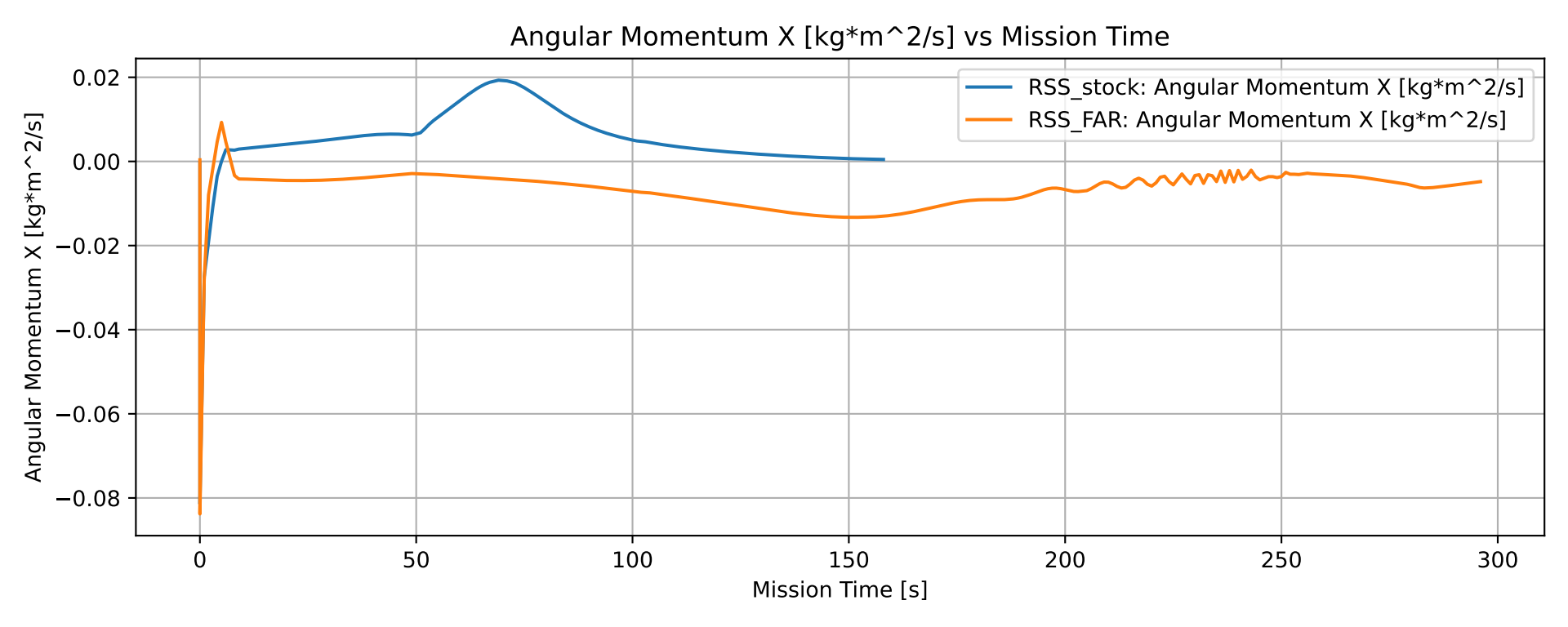

Dynamic Pressure [ATM] vs Mission Time
RSS_stock: Dynamic Pressure [ATM]
RSS_FAR: Dynamic Pressure [ATM]
Dynamic Pressure [ATM]
Mission Time [s]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
50
100
150
200
250
300

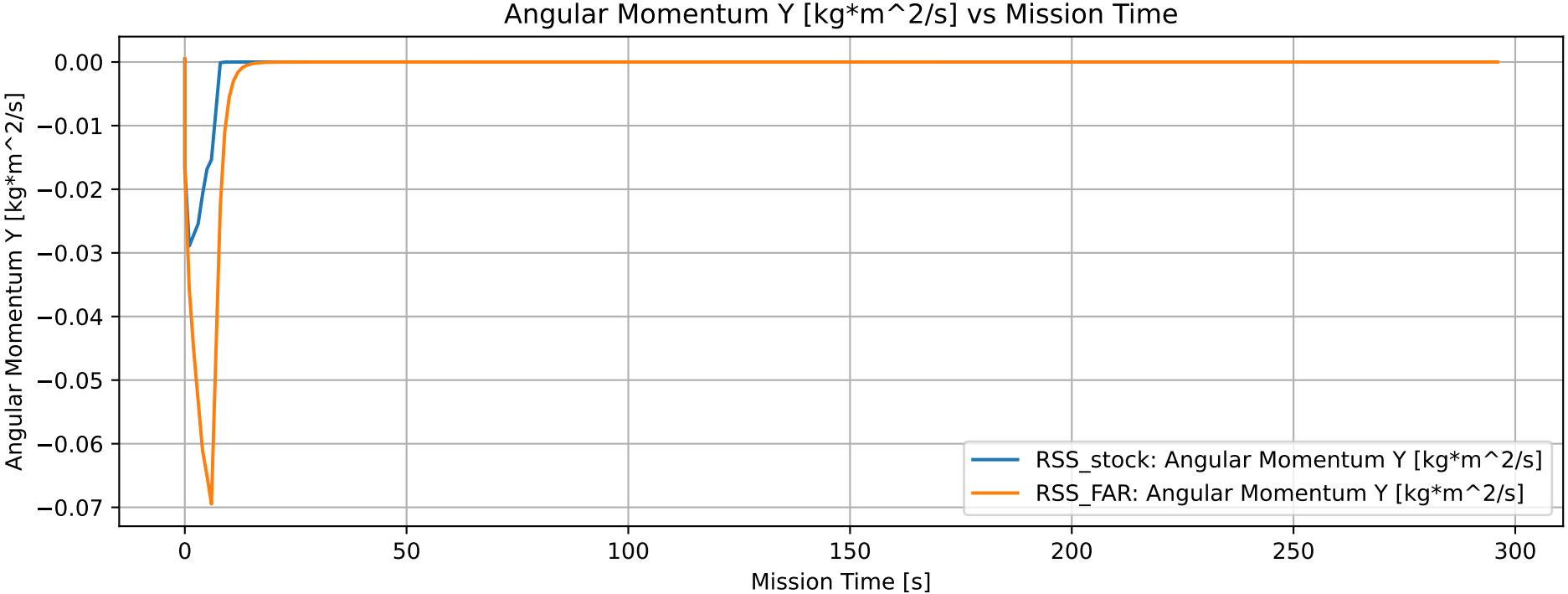

Bearing [deg] vs Mission Time
Bearing [deg]
150
100
50
0
−50
−100
−150
0
50
100
150
200
250
300
Mission Time [s]
RSS_stock: Bearing [deg]
RSS_FAR: Bearing [deg]

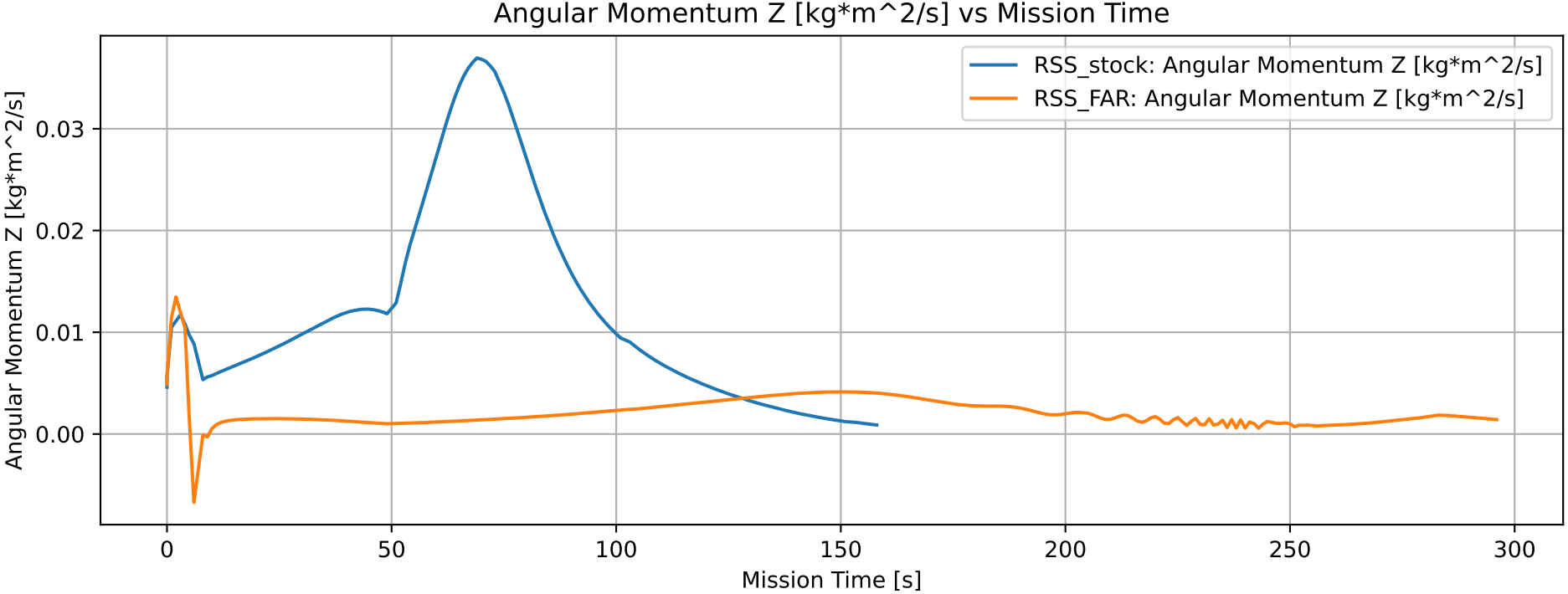

Heading [deg] vs Mission Time
1e−6
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
Heading [deg]
0
50
100
150
200
250
300
Mission Time [s]
RSS_stock: Heading [deg]
RSS_FAR: Heading [deg]

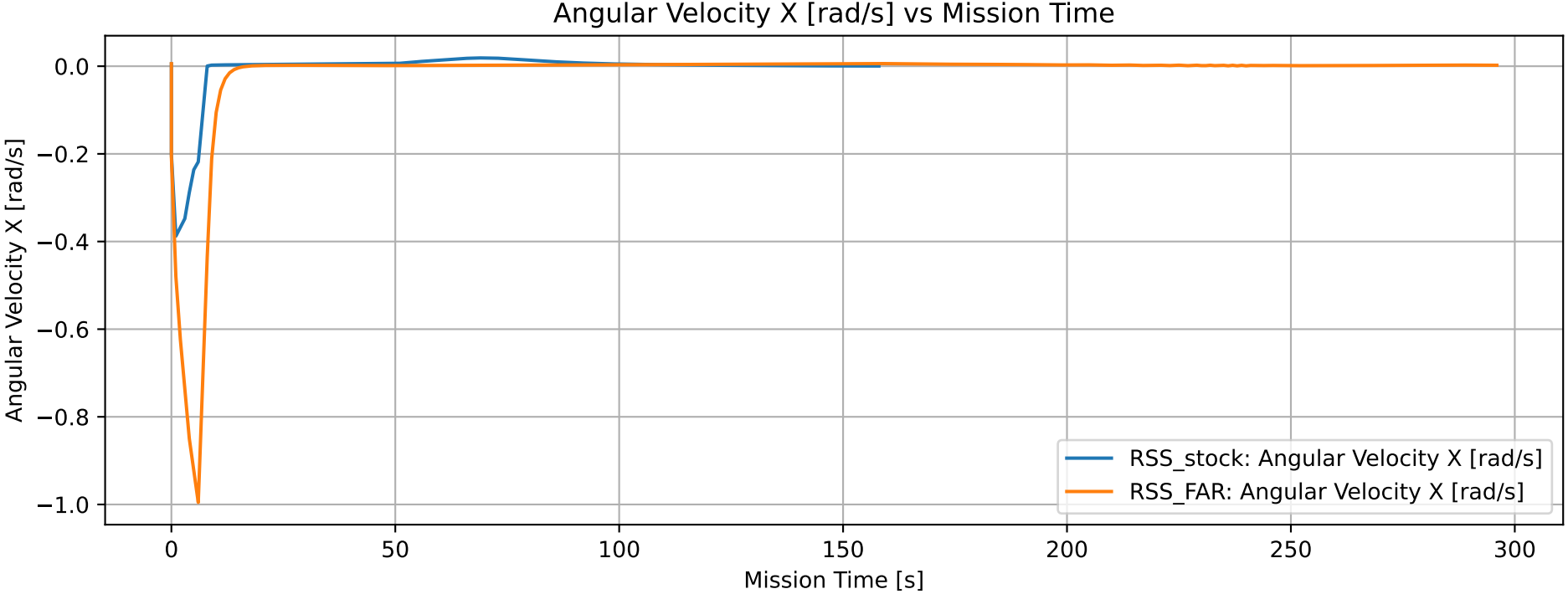

Vertical Speed [m/s] vs Mission Time
RSS_stock: Vertical Speed [m/s]
RSS_FAR: Vertical Speed [m/s]
Vertical Speed [m/s]
Mission Time [s]
1000
750
500
250
0
−250
−500
−750
−1000
0
50
100
150
200
250
300

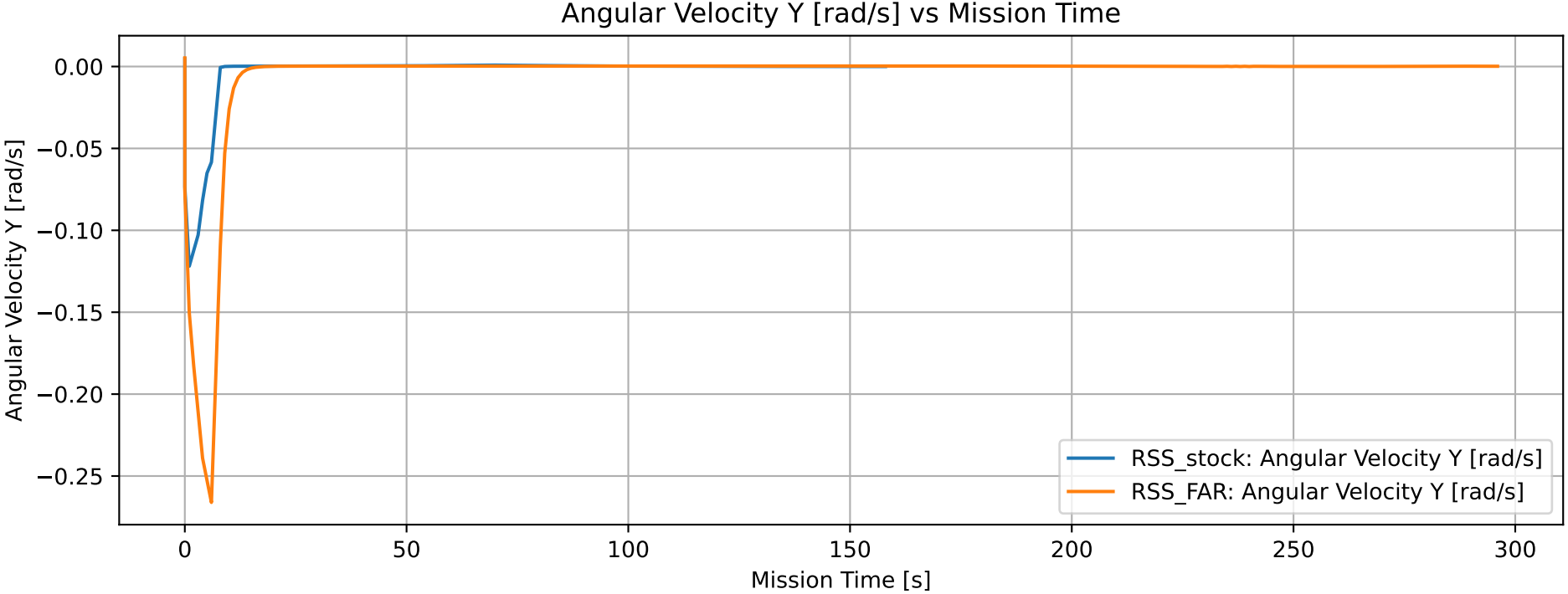

Ground Speed [m/s] vs Mission Time
Ground Speed [m/s]
Mission Time [s]
RSS_stock: Ground Speed [m/s]
RSS_FAR: Ground Speed [m/s]
0
100
200
300
400
500
0
50
100
150
200
250
300

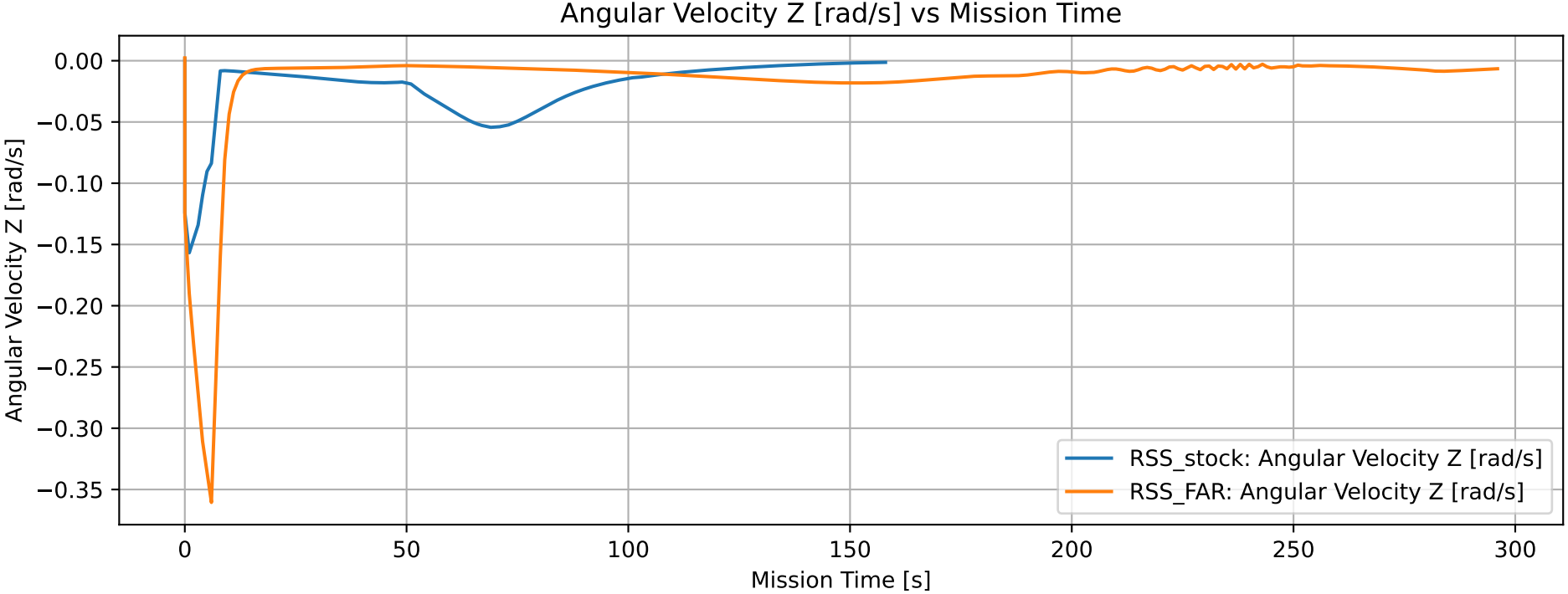

Angular Momentum X [kg*m^2/s] vs Mission Time
RSS_stock: Angular Momentum X [kg*m^2/s]
RSS_FAR: Angular Momentum X [kg*m^2/s]
Angular Momentum X [kg*m^2/s]
0.02
0.00
−0.02
−0.04
−0.06
−0.08
0
50
100
150
200
250
300
Mission Time [s]

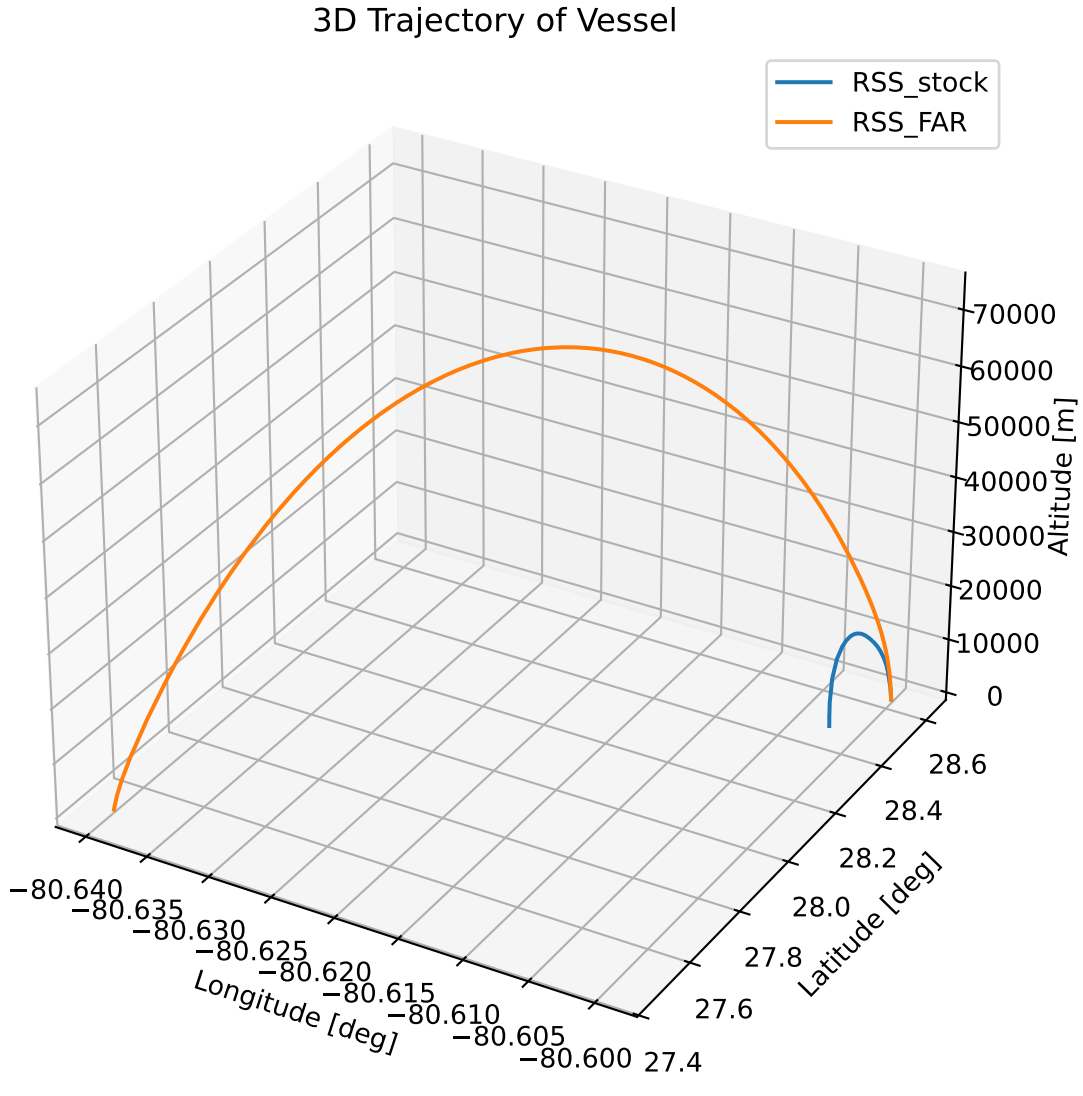

Angular Momentum Y [kg*m^2/s] vs Mission Time
Angular Momentum Y [kg*m^2/s]
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
0
50
100
150
200
250
300
Mission Time [s]
RSS_stock: Angular Momentum Y [kg*m^2/s]
RSS_FAR: Angular Momentum Y [kg*m^2/s]


Angular Momentum Z [kg*m^2/s] vs Mission Time
RSS_stock: Angular Momentum Z [kg*m^2/s]
RSS_FAR: Angular Momentum Z [kg*m^2/s]
Angular Momentum Z [kg*m^2/s]
0.03
0.02
0.01
0.00
0
50
100
150
200
250
300
Mission Time [s]


Angular Velocity X [rad/s] vs Mission Time
Angular Velocity X [rad/s]
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
50
100
150
200
250
300
Mission Time [s]
RSS_stock: Angular Velocity X [rad/s]
RSS_FAR: Angular Velocity X [rad/s]


Angular Velocity Y [rad/s] vs Mission Time
Angular Velocity Y [rad/s]
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
0
50
100
150
200
250
300
Mission Time [s]
RSS_stock: Angular Velocity Y [rad/s]
RSS_FAR: Angular Velocity Y [rad/s]


Angular Velocity Z [rad/s] vs Mission Time
Angular Velocity Z [rad/s]
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
0
50
100
150
200
250
300
Mission Time [s]
RSS_stock: Angular Velocity Z [rad/s]
RSS_FAR: Angular Velocity Z [rad/s]


3D Trajectory of Vessel
RSS_stock
RSS_FAR
Altitude [m]
70000
60000
50000
40000
30000
20000
10000
0
Longitude [deg]
−80.640
−80.635
−80.630
−80.625
−80.620
−80.615
−80.610
−80.605
−80.600
Latitude [deg]
28.6
28.4
28.2
28.0
27.8
27.6
27.4