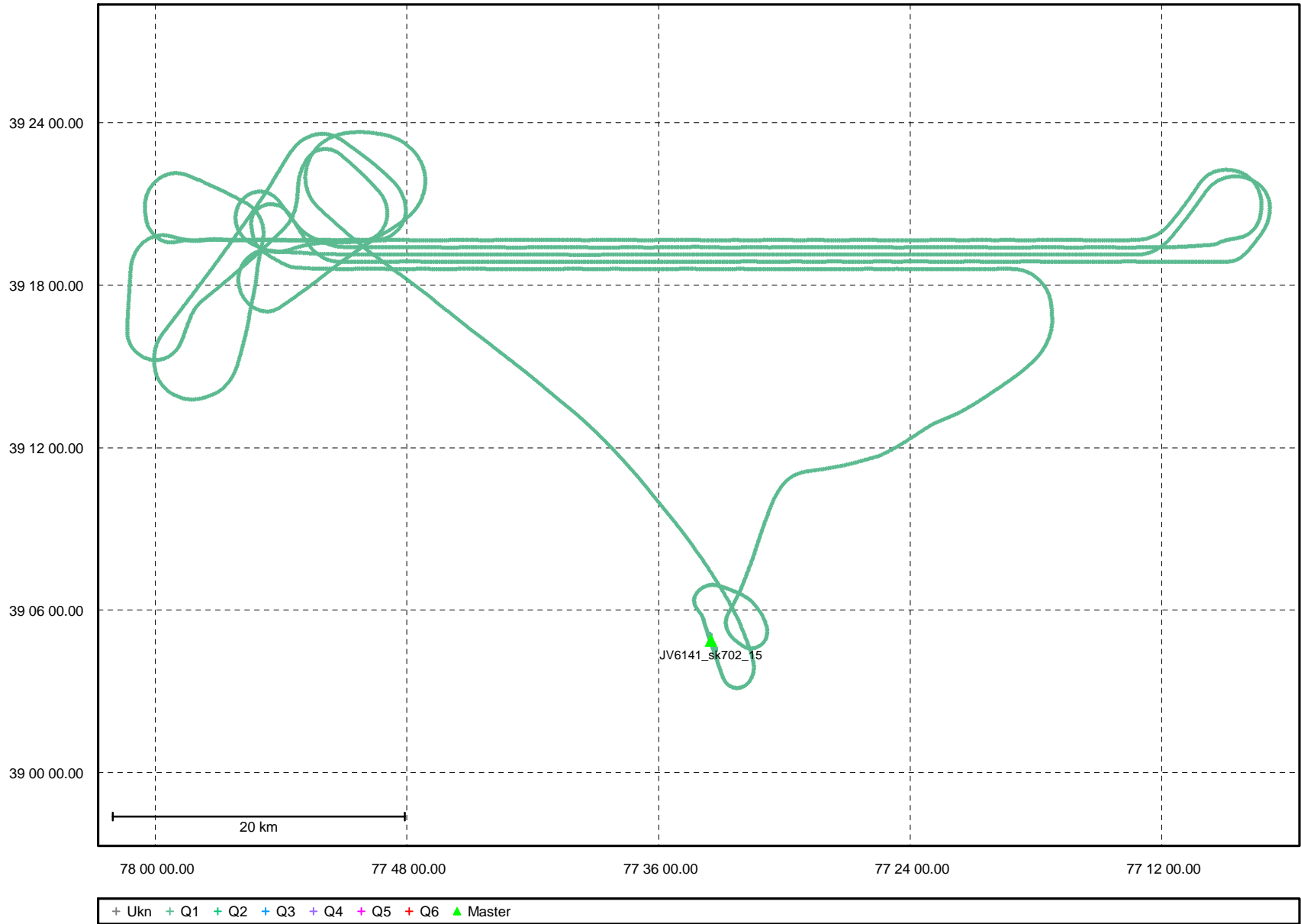
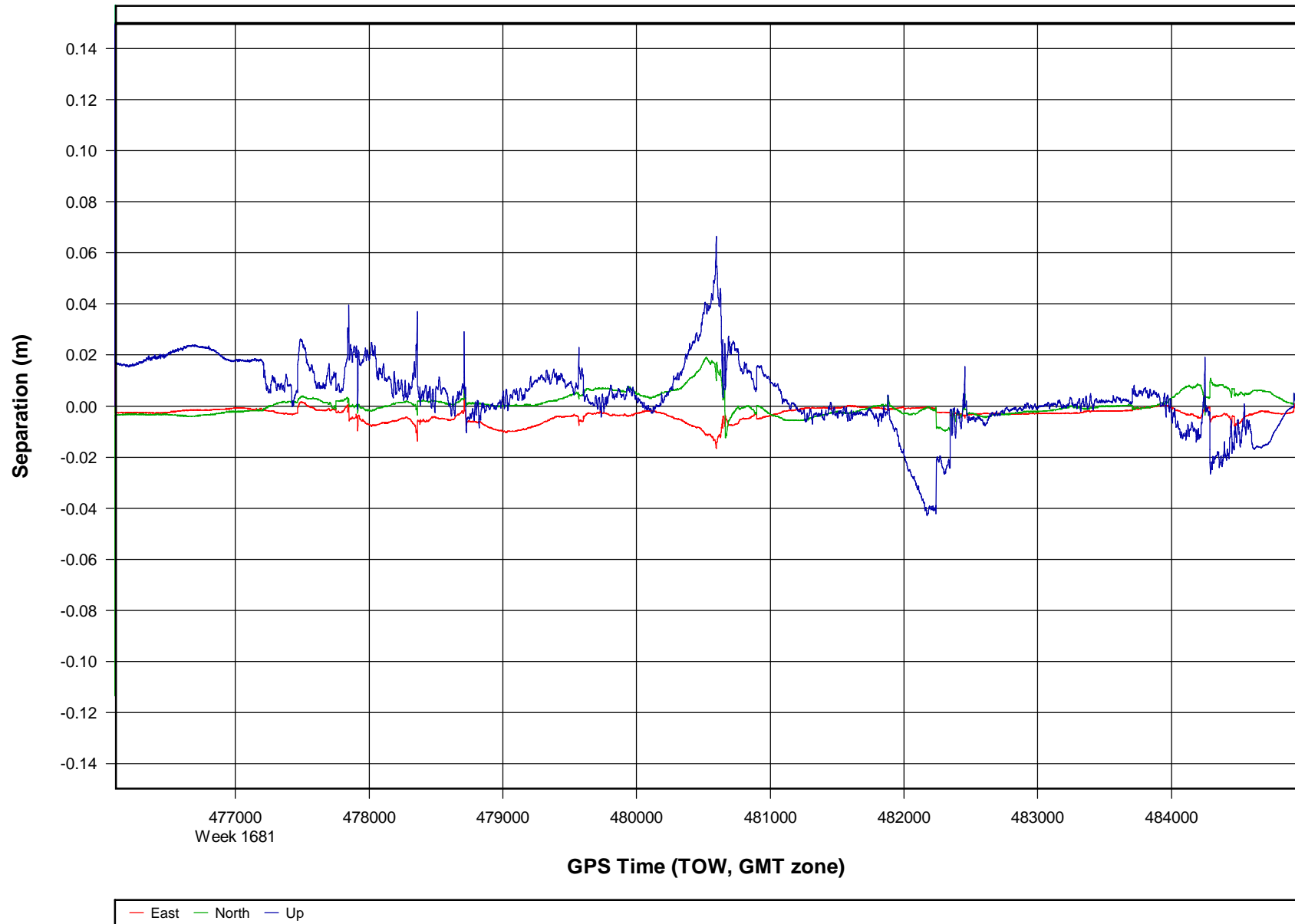


Combined - Map Run (1)

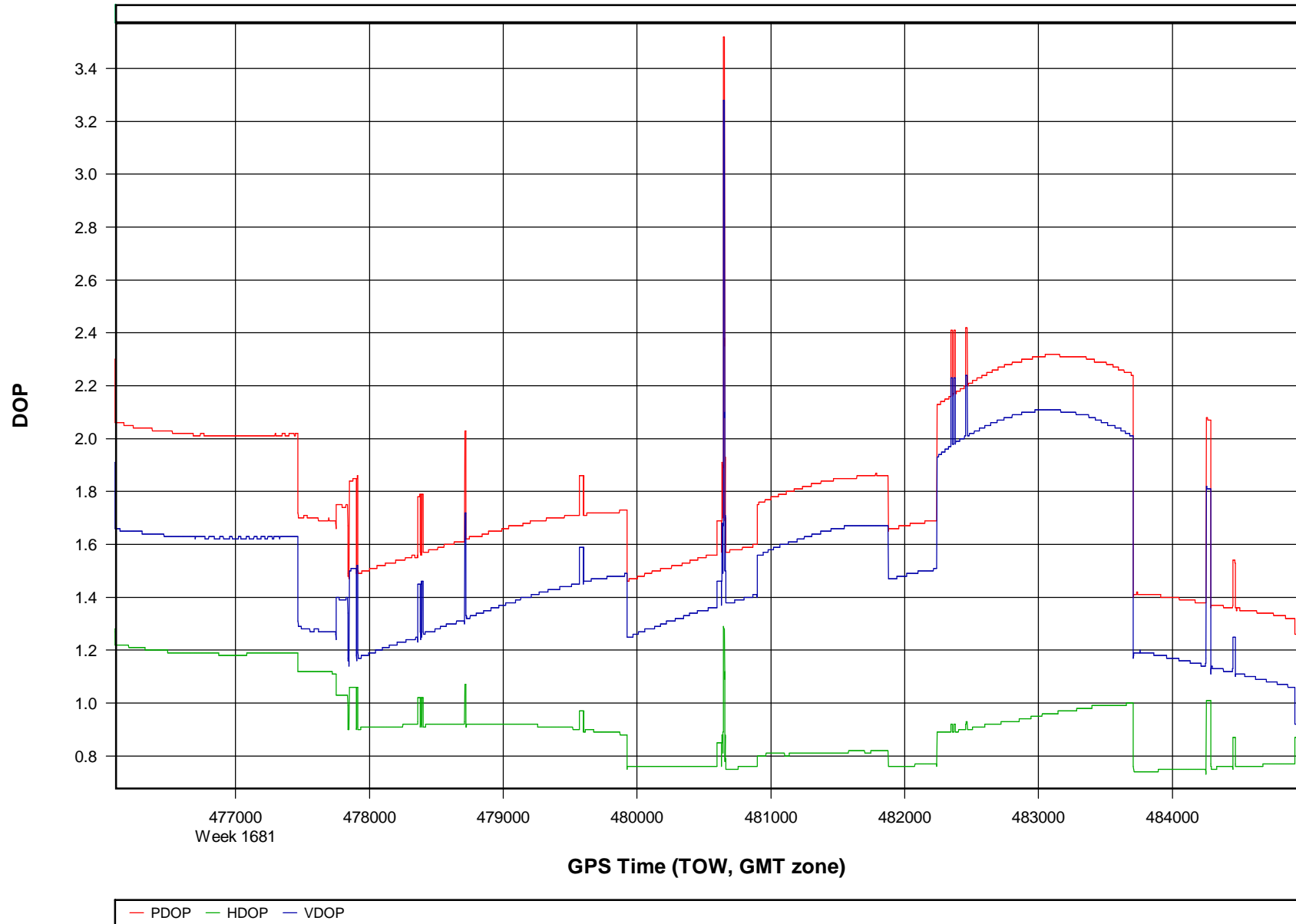
Geographic, DMS



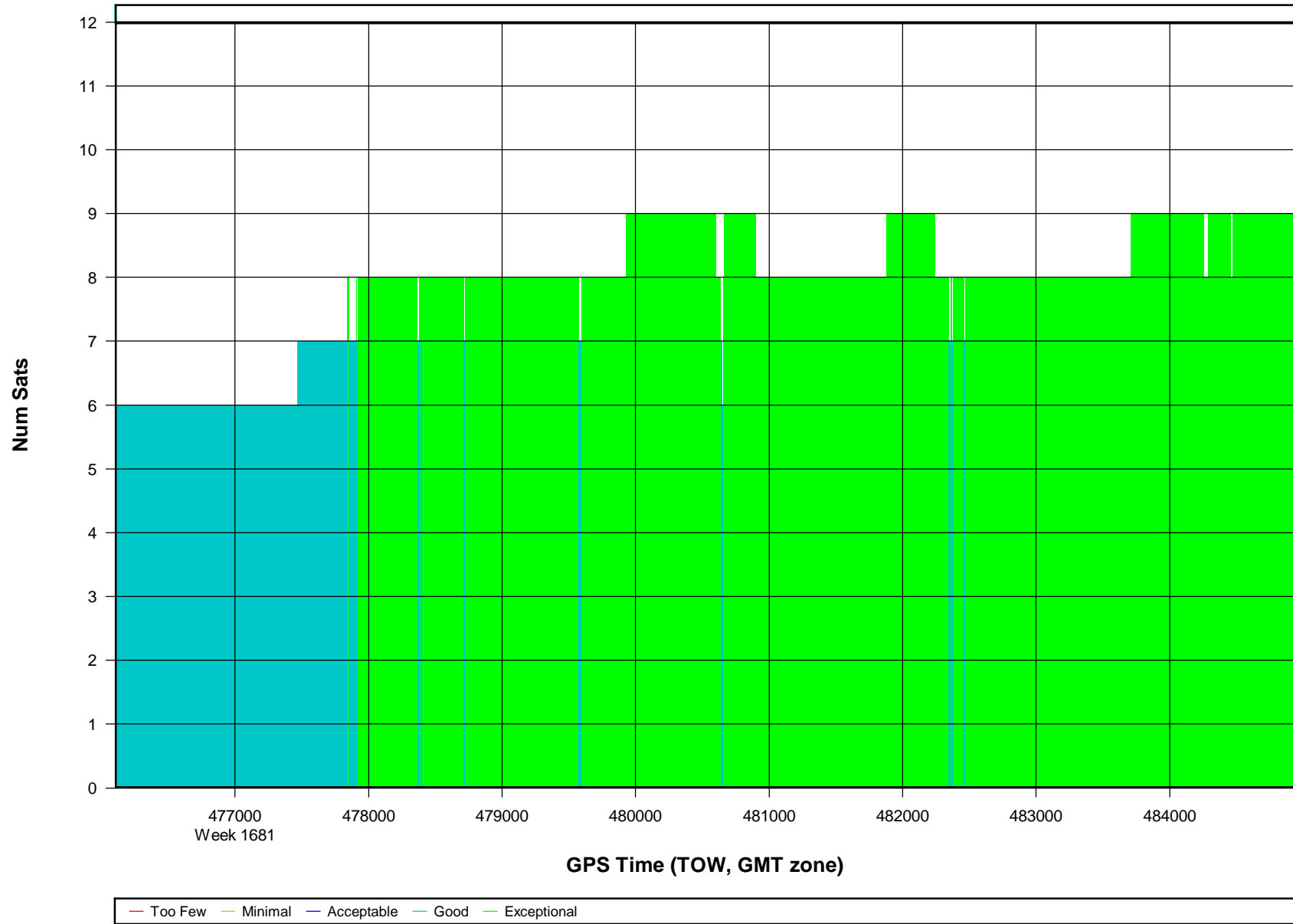
o112090a [Combined] - Forward/Reverse or Combined Separation Plot



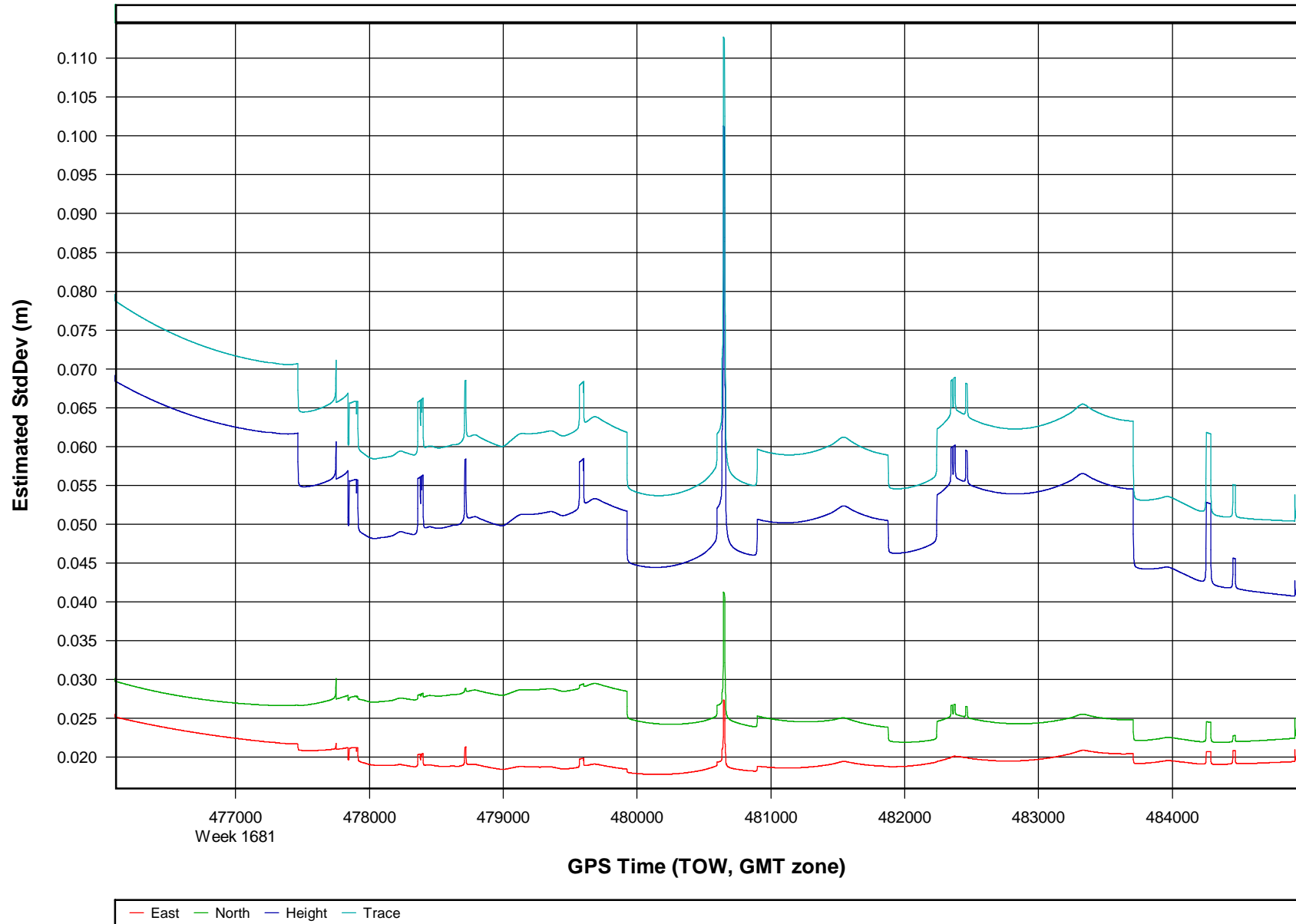
o112090a [Combined] - PDOP, HDOP, VDOP Plots



o112090a [Combined] - Number of Satellites Bar Plot



o112090a [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project: E:\Projects\335DEW11_USGS_MD_VA_cont\2_Operations\6_Missions\o112090a\3_Processed\GPS\o112090a.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file:	88577
No processed position:	79731
Missing Fwd or Rev:	4
With bad C/A code:	0
With bad L1 Phase:	0

Measurement RMS Values:

L1 Phase:	0.0143 (m)
C/A Code:	0.68 (m)
L1 Doppler:	0.027 (m/s)

Fwd/Rev Separation RMS Values:

East:	0.005 (m)
North:	0.009 (m)
Height:	0.018 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (8840 occurrences):

East:	0.004 (m)
North:	0.004 (m)
Height:	0.014 (m)

Quality Number Percentages:

Q 1:	100.0 %
Q 2:	0.0 %
Q 3:	0.0 %
Q 4:	0.0 %
Q 5:	0.0 %
Q 6:	0.0 %

Position Standard Deviation Percentages:

0.00 - 0.10 m:	99.9 %
0.10 - 0.30 m:	0.1 %
0.30 - 1.00 m:	0.0 %
1.00 - 5.00 m:	0.0 %
5.00 m + over:	0.0 %

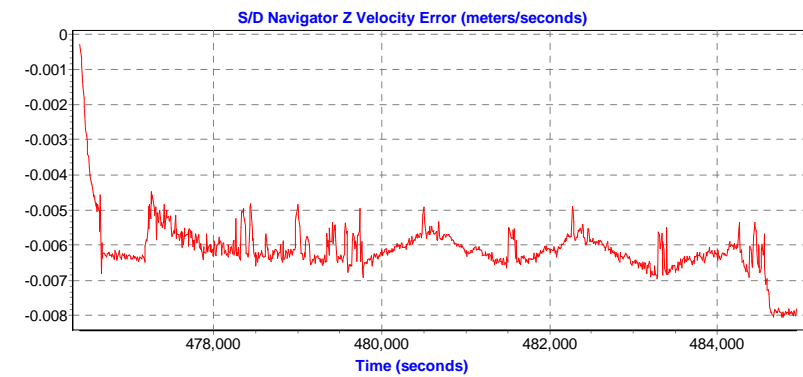
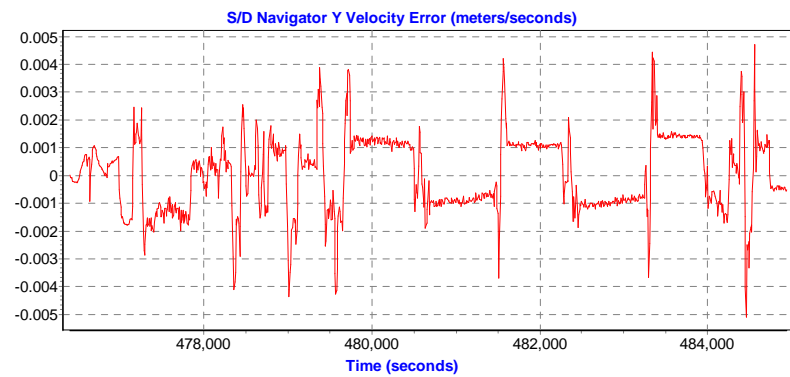
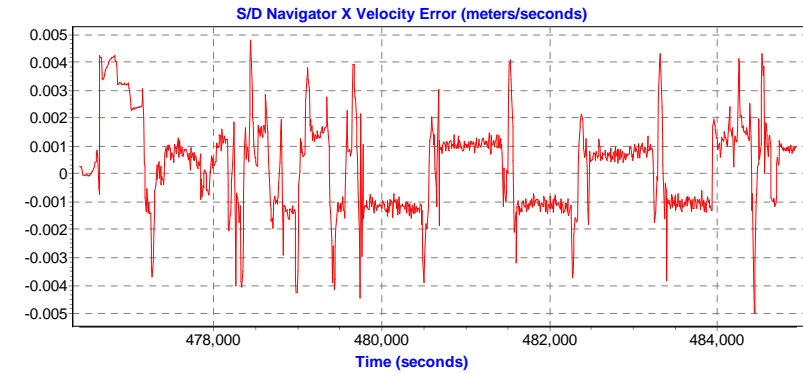
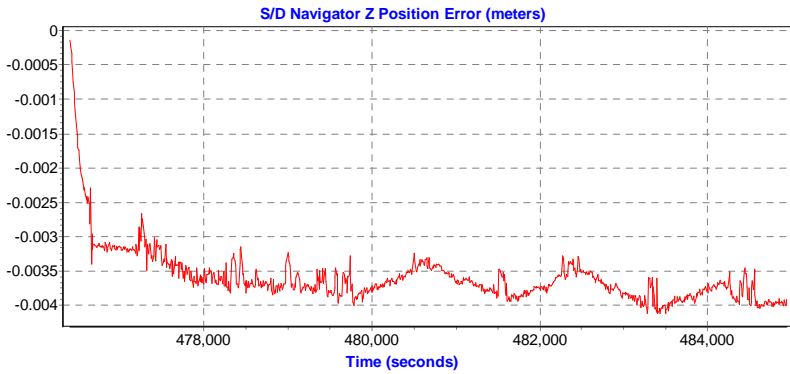
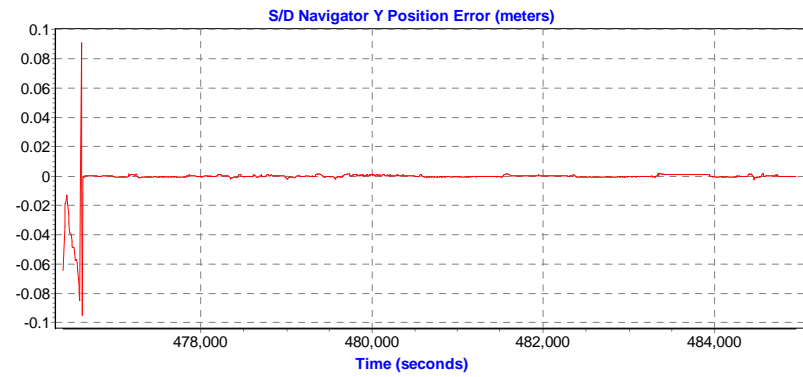
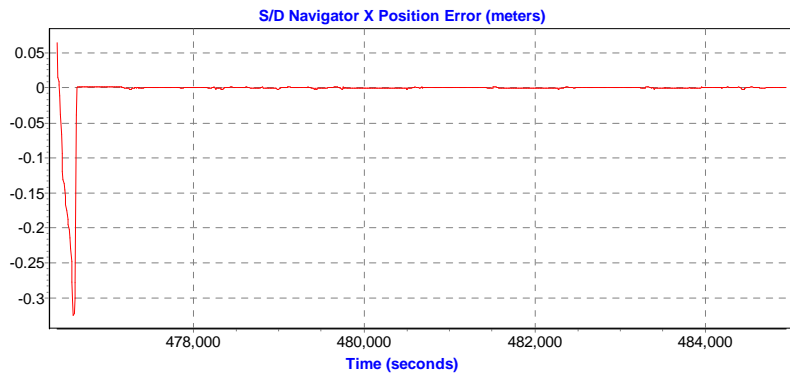
Percentages of epochs with DD_DOP over 10.00:

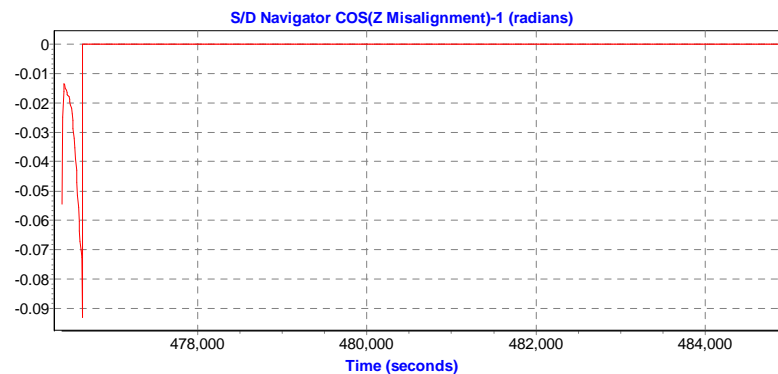
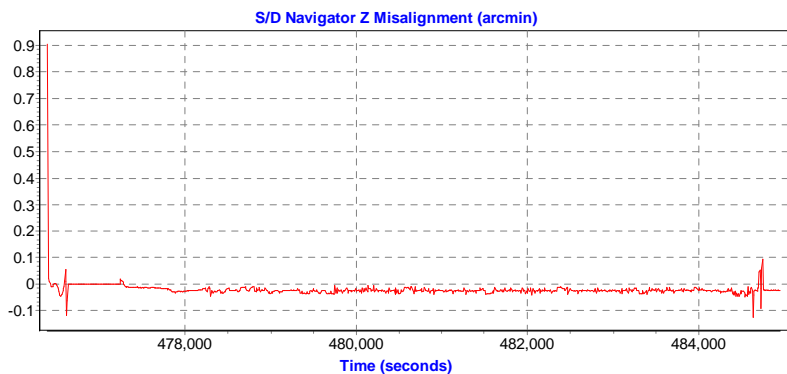
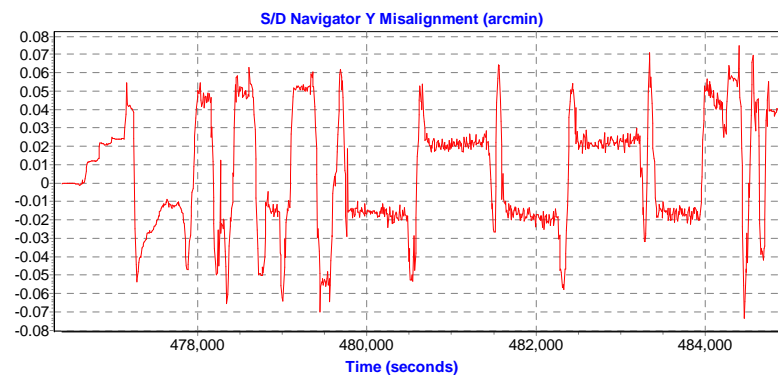
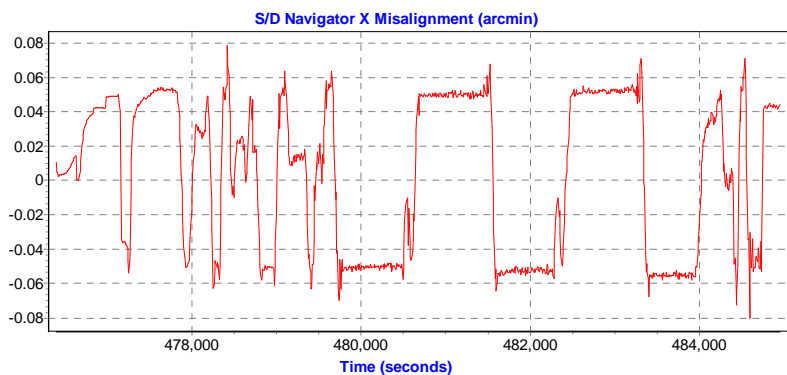
DOP over Tol:	0.0 %
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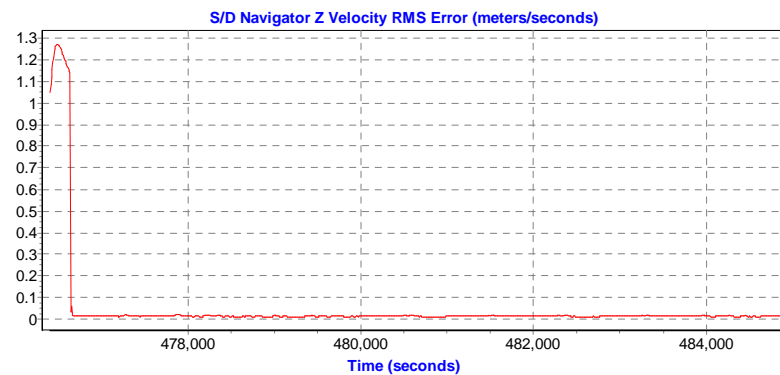
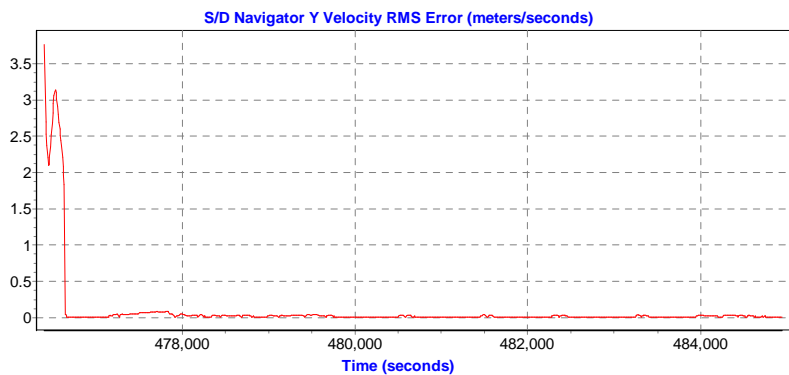
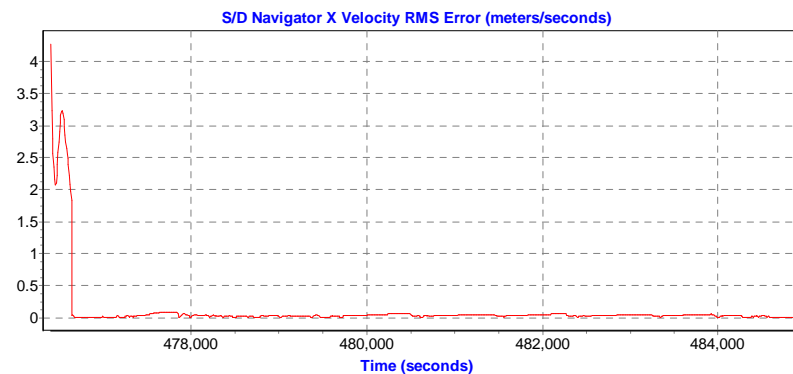
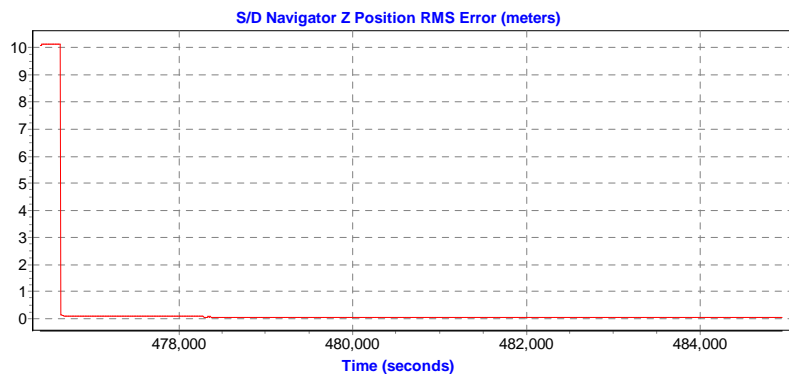
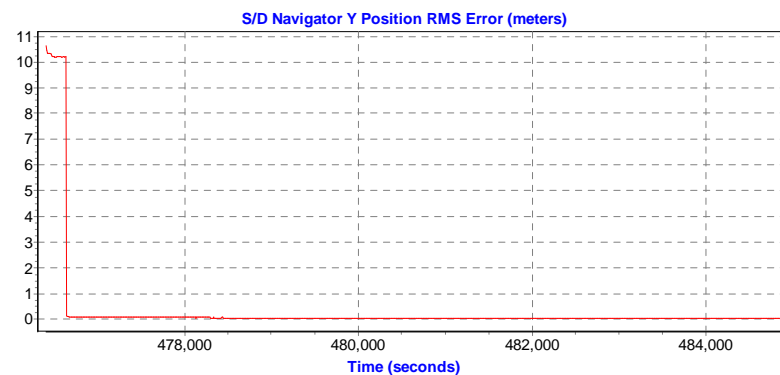
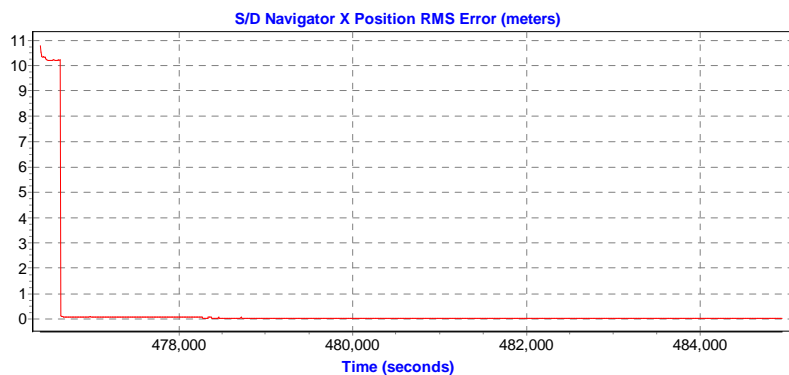
Baseline Distances:

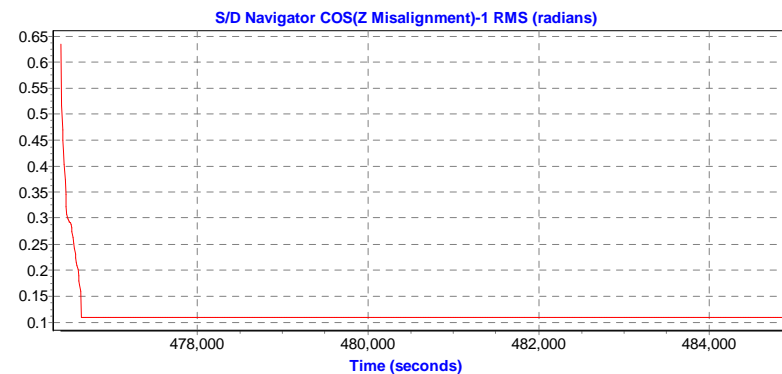
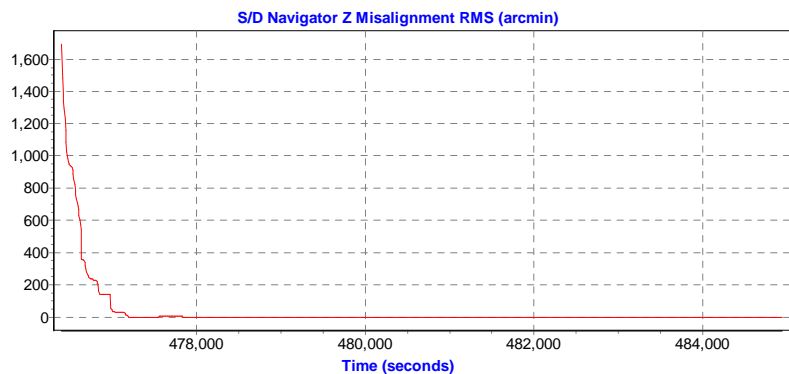
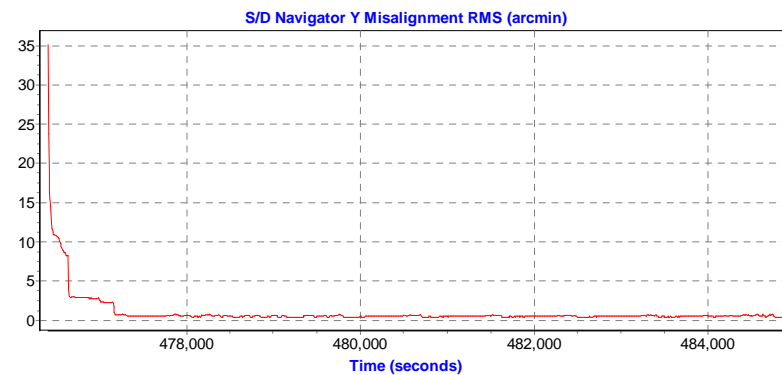
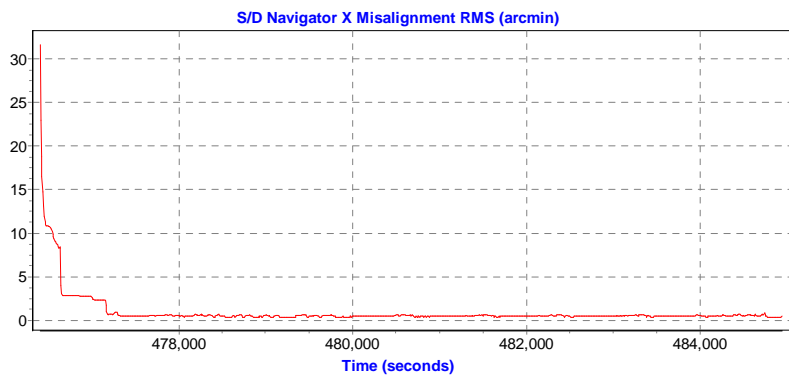
Maximum:	49.412 (km)
Minimum:	0.038 (km)
Average:	27.125 (km)
First Epoch:	0.570 (km)
Last Epoch:	0.595 (km)

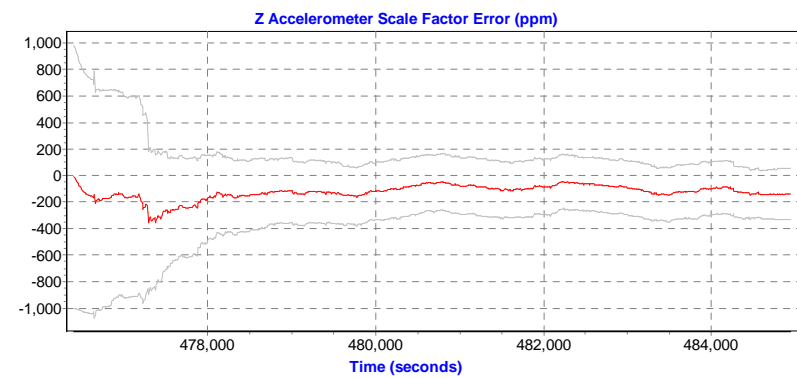
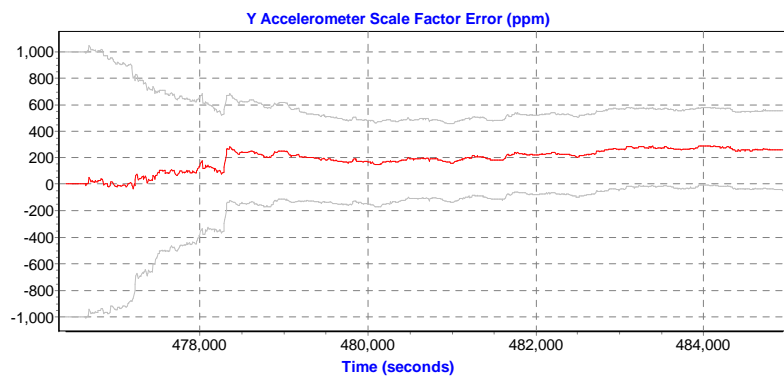
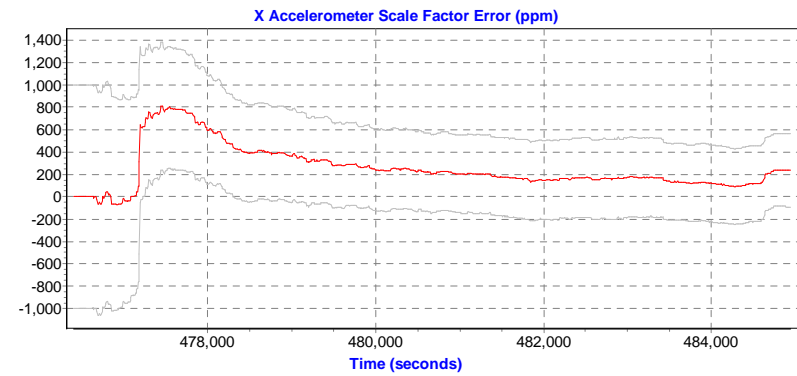
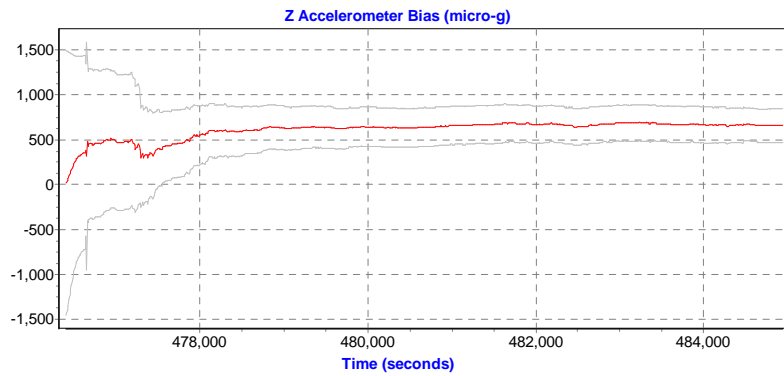
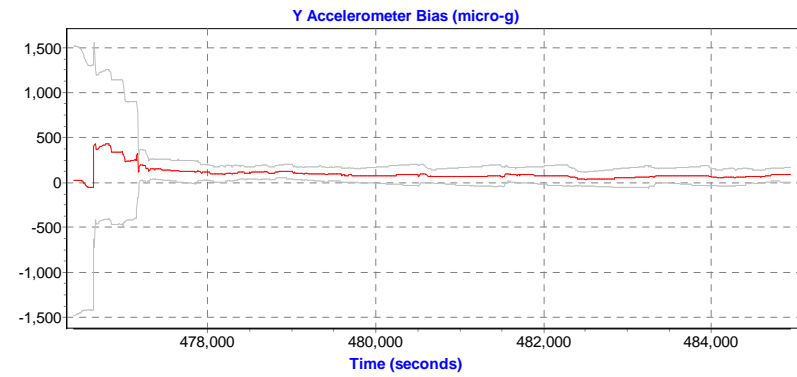
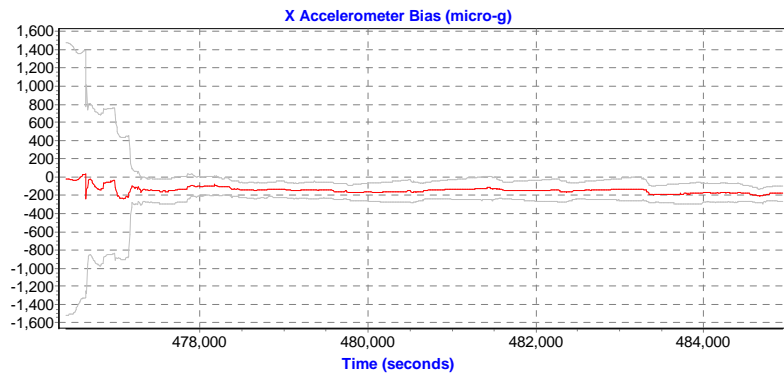
Estimated Errors and RMS

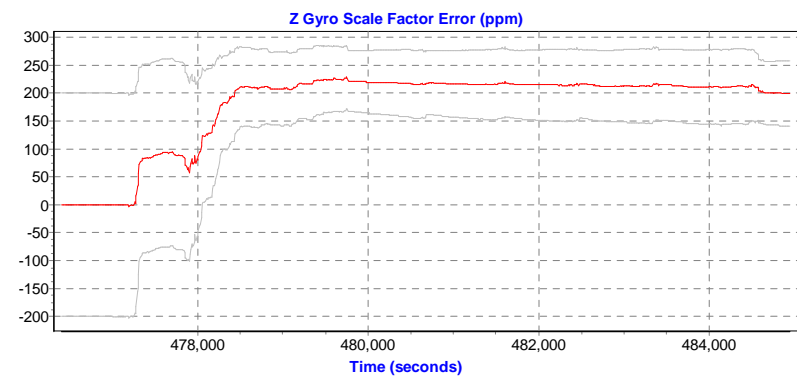
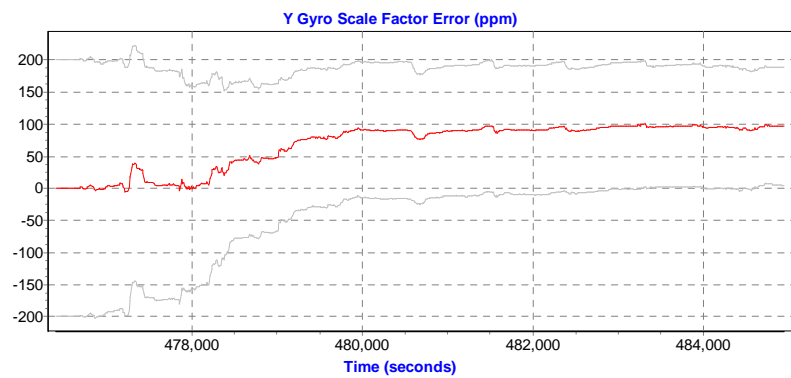
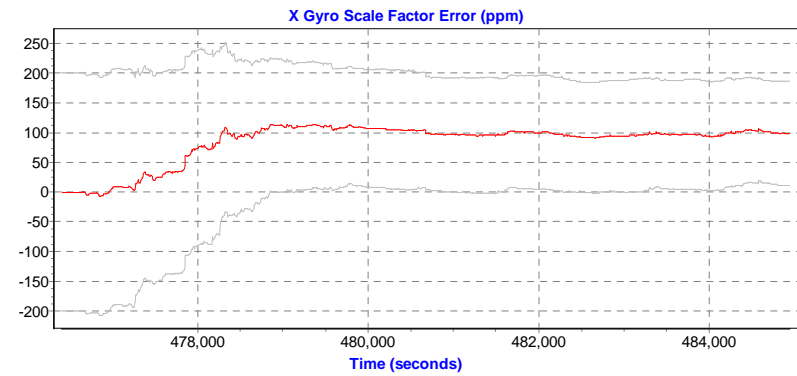
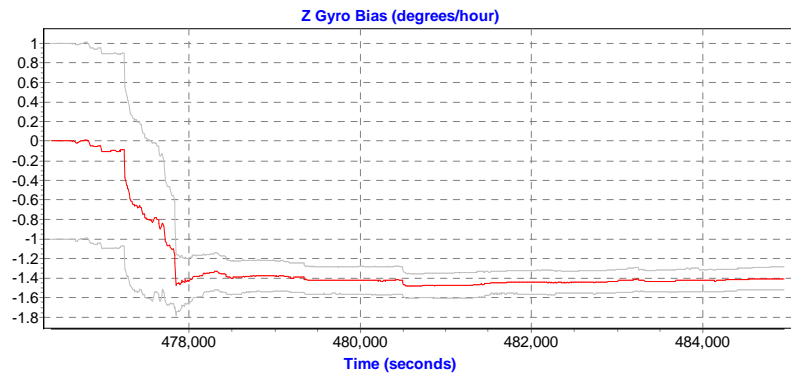
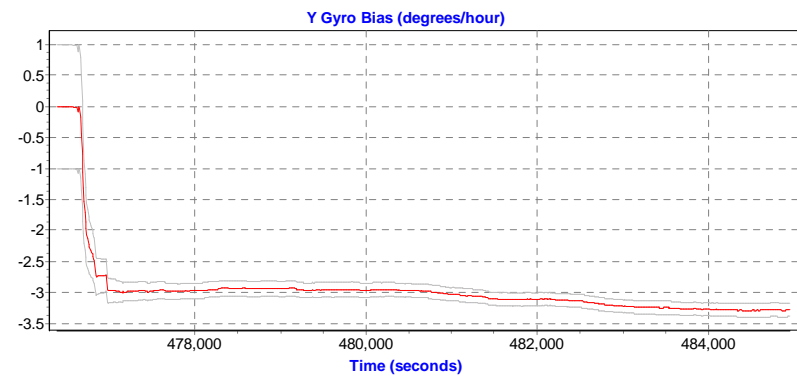
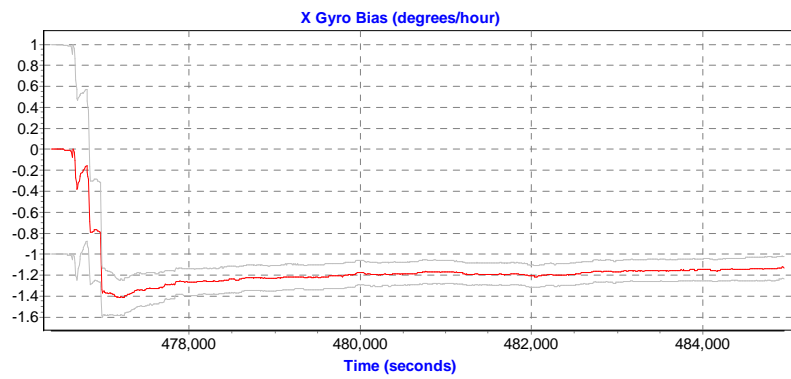


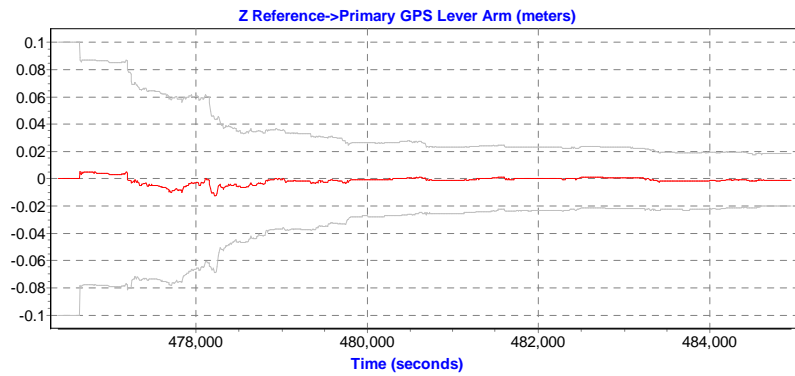
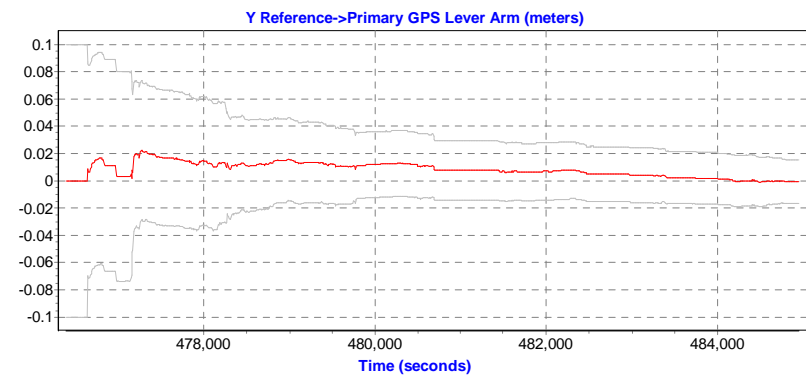
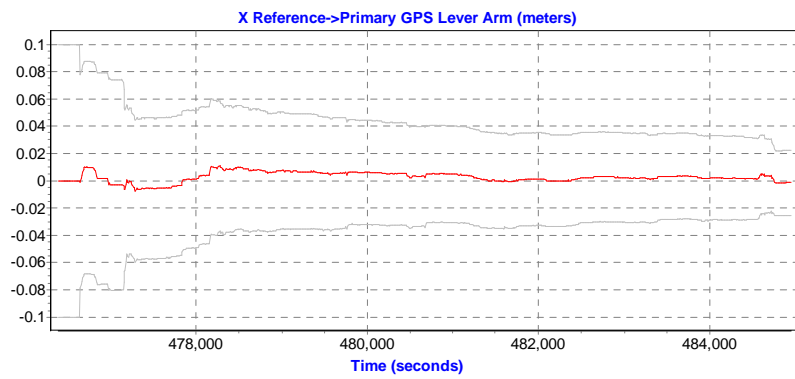






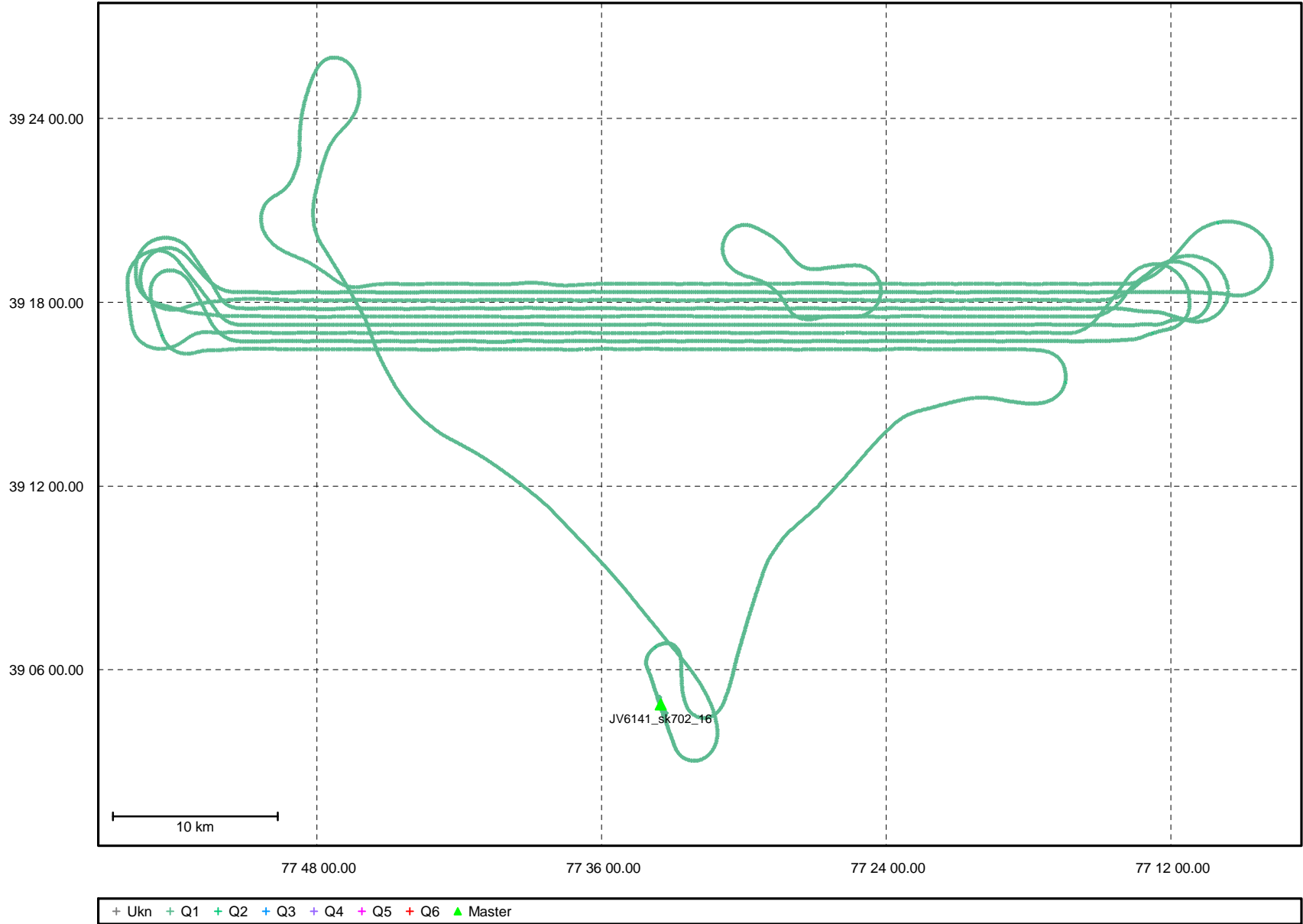




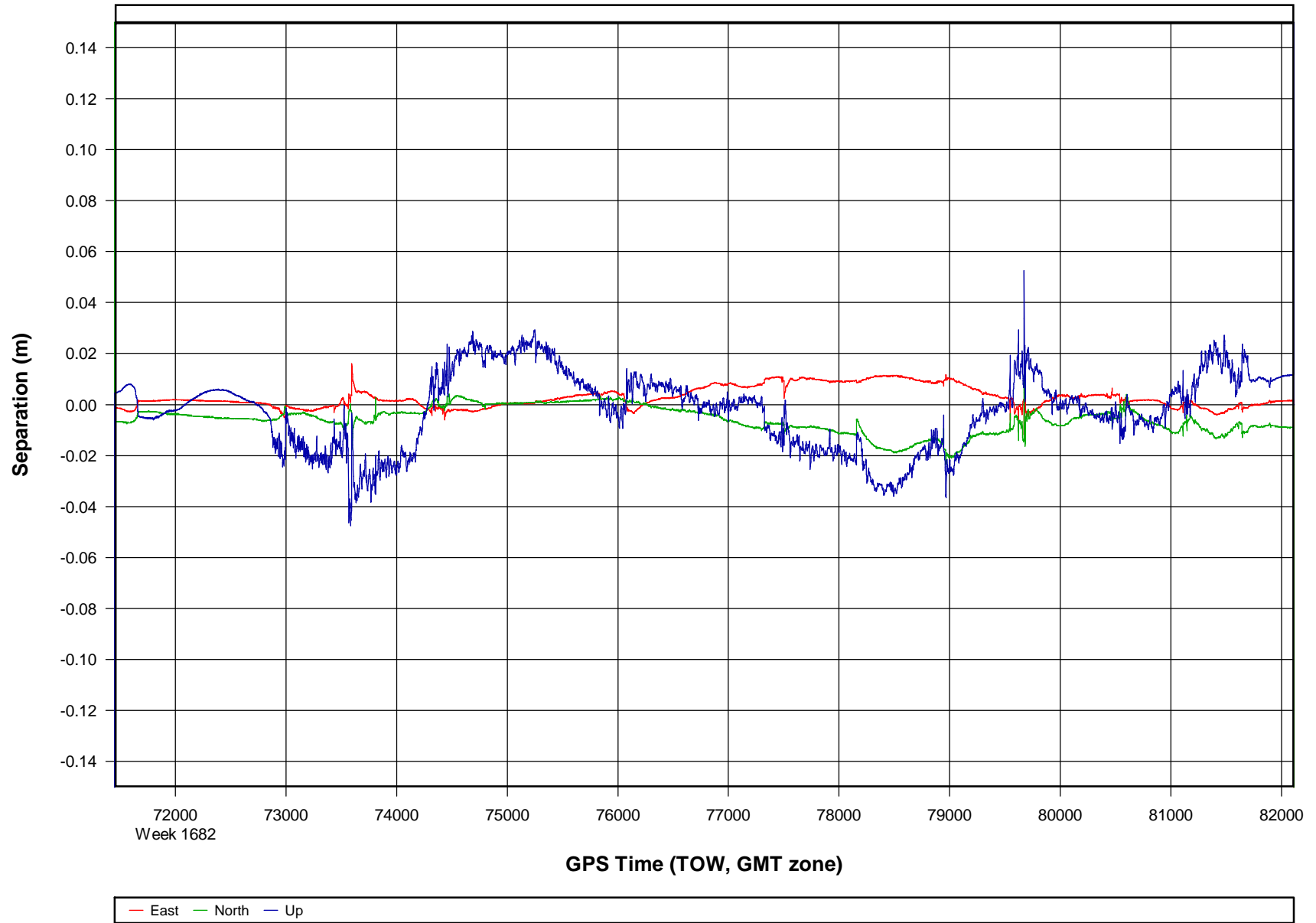


Combined - Map Run (1)

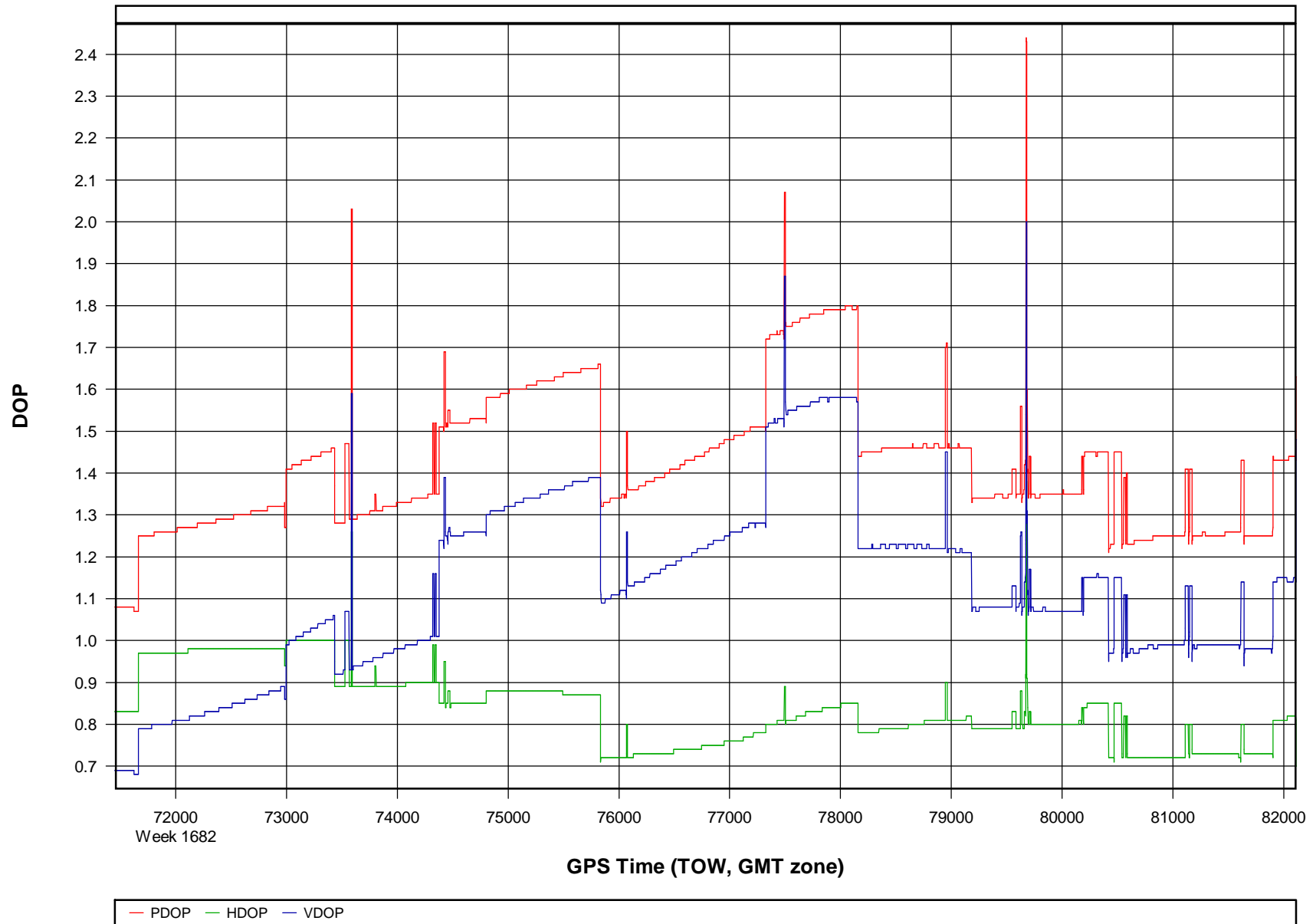
Geographic, DMS



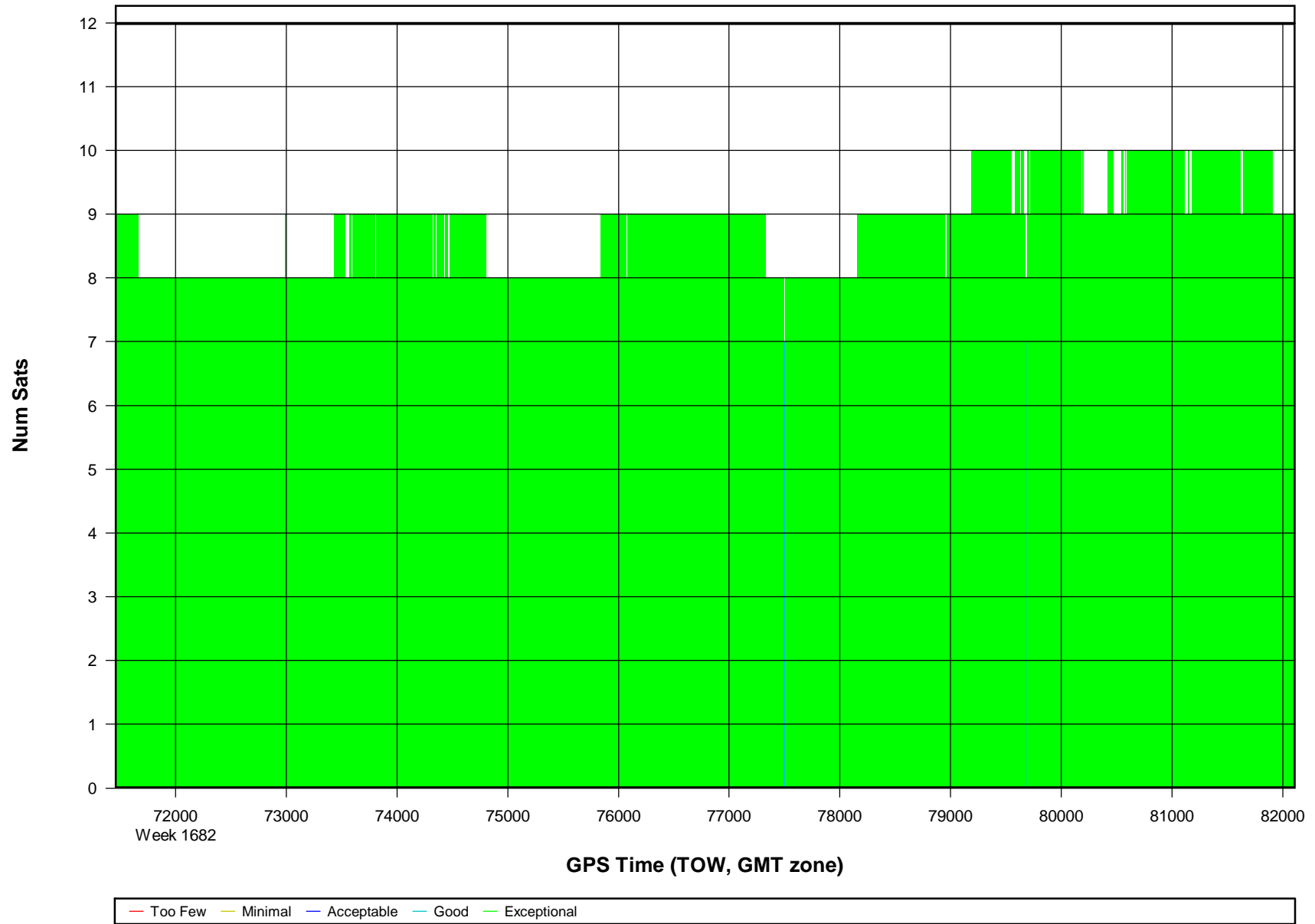
o112092a [Combined] - Forward/Reverse or Combined Separation Plot



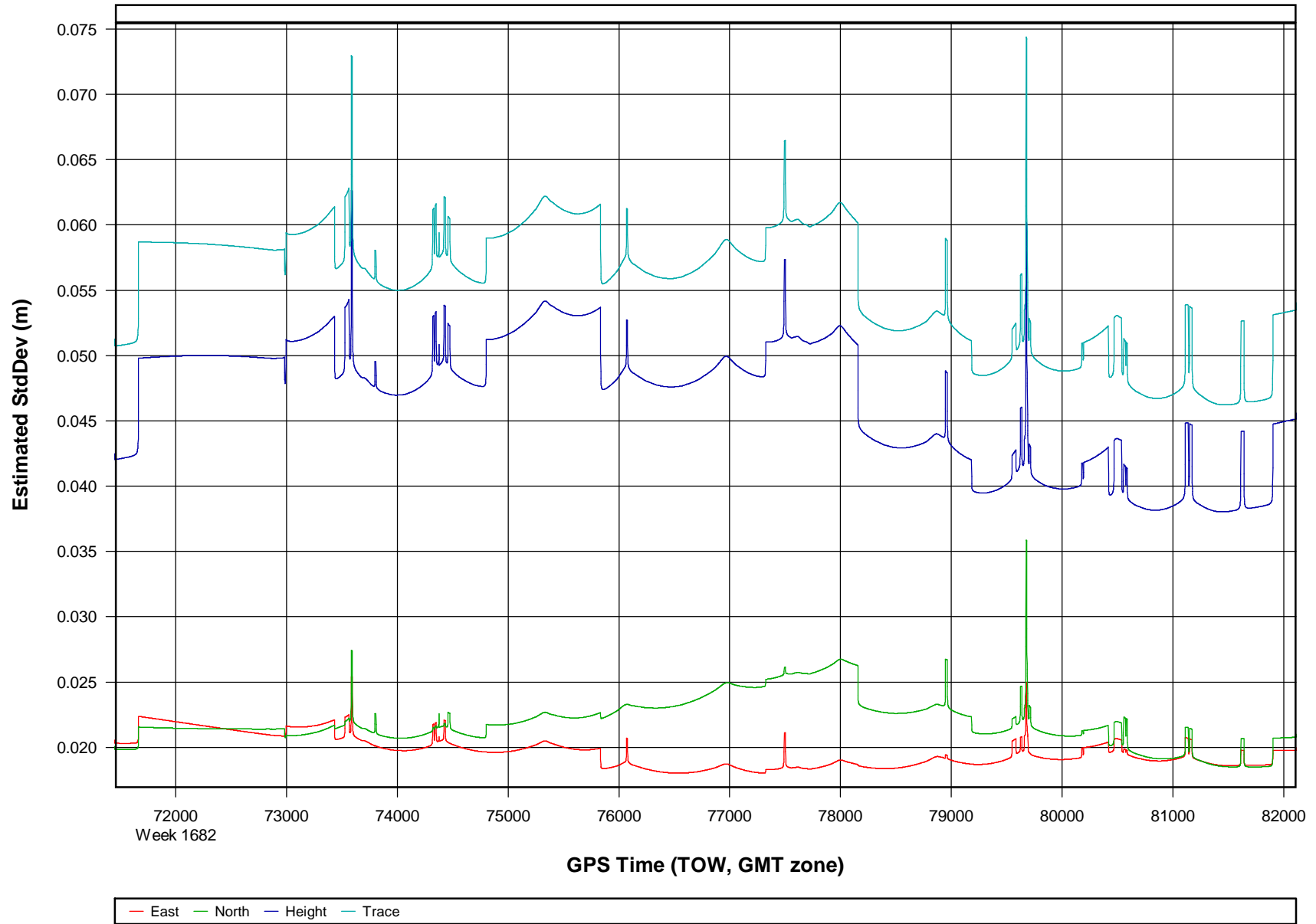
o112092a [Combined] - PDOP, HDOP, VDOP Plots



o112092a [Combined] - Number of Satellites Bar Plot



o112092a [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project: E:\Projects\335DEW11_USGS_MD_VA_cont\2_Operations\6_Missions\o112092a\3_Processed\Gps\o112092a.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file:	106782
No processed position:	96127
Missing Fwd or Rev:	4
With bad C/A code:	0
With bad L1 Phase:	0

Measurement RMS Values:

L1 Phase:	0.0144 (m)
C/A Code:	0.68 (m)
L1 Doppler:	0.028 (m/s)

Fwd/Rev Separation RMS Values:

East:	0.006 (m)
North:	0.009 (m)
Height:	0.017 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (10649 occurrences):

East:	0.005 (m)
North:	0.008 (m)
Height:	0.015 (m)

Quality Number Percentages:

Q 1:	99.9 %
Q 2:	0.1 %
Q 3:	0.0 %
Q 4:	0.0 %
Q 5:	0.0 %
Q 6:	0.0 %

Position Standard Deviation Percentages:

0.00 - 0.10 m:	100.0 %
0.10 - 0.30 m:	0.0 %
0.30 - 1.00 m:	0.0 %
1.00 - 5.00 m:	0.0 %
5.00 m + over:	0.0 %

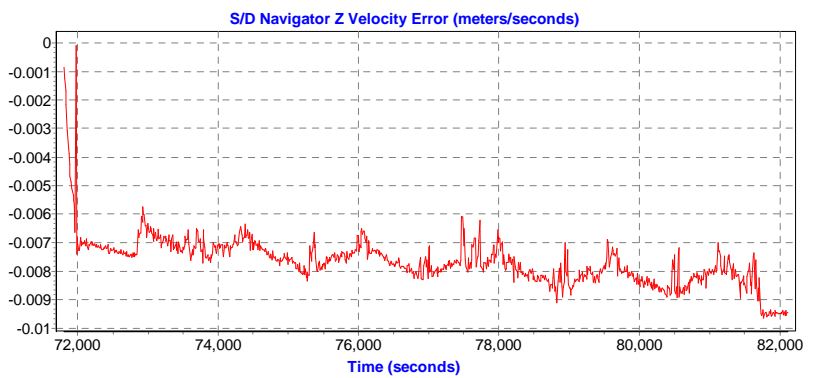
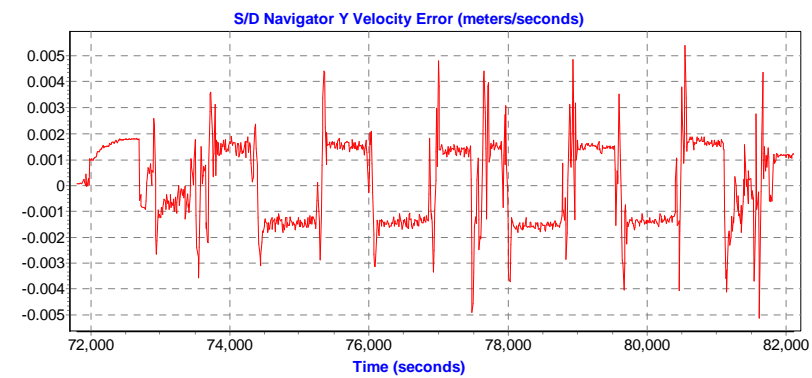
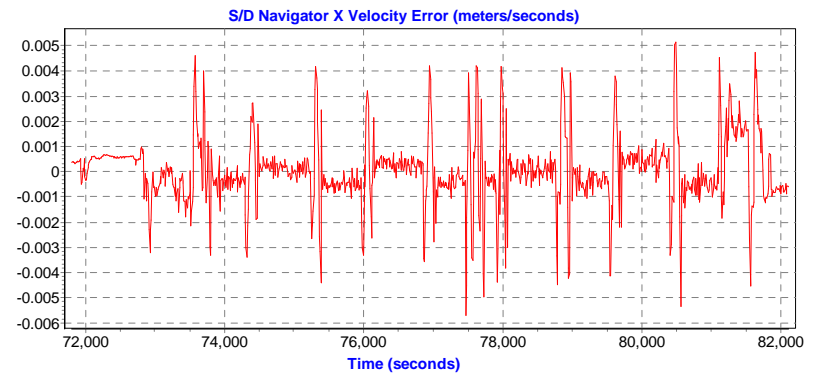
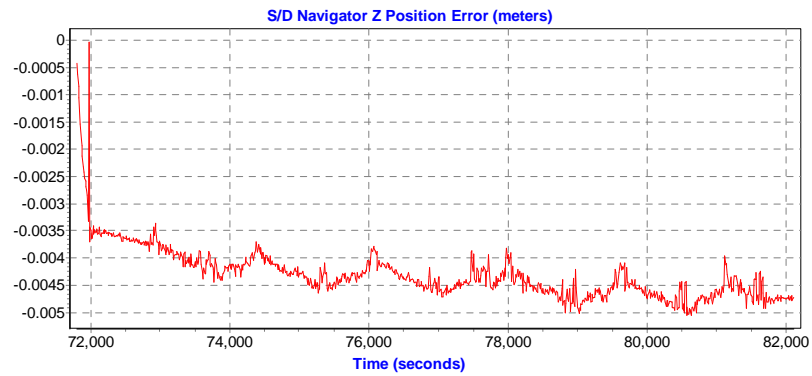
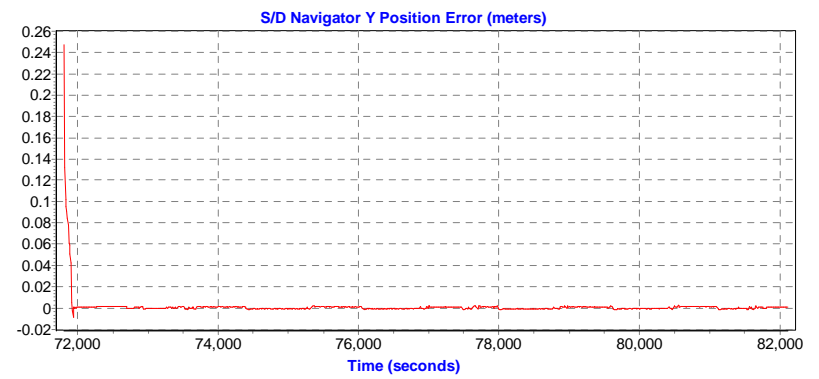
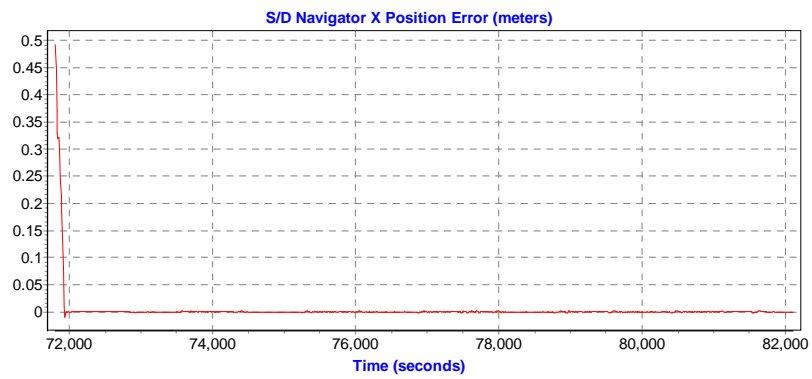
Percentages of epochs with DD_DOP over 10.00:

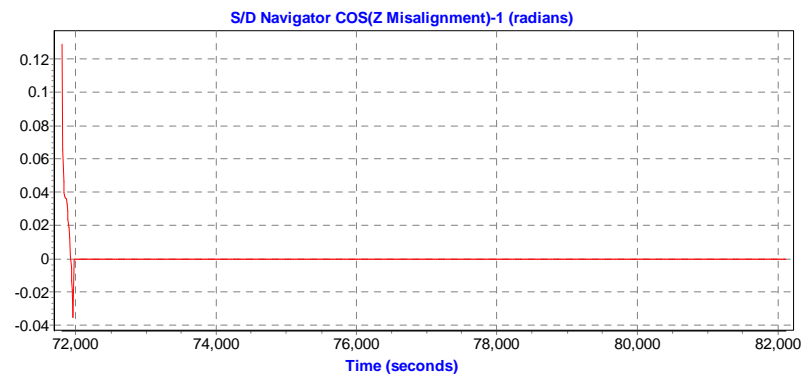
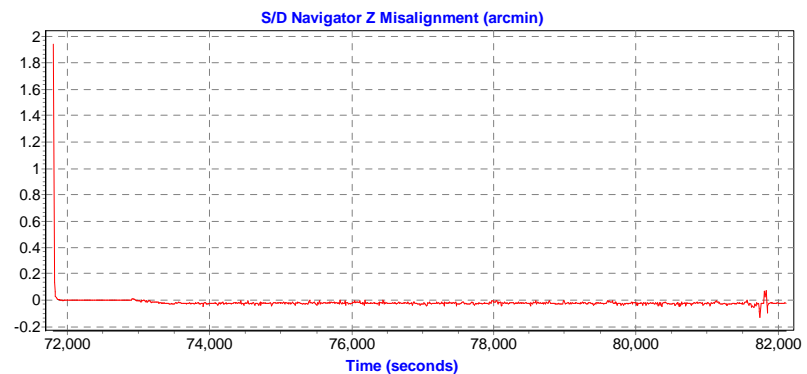
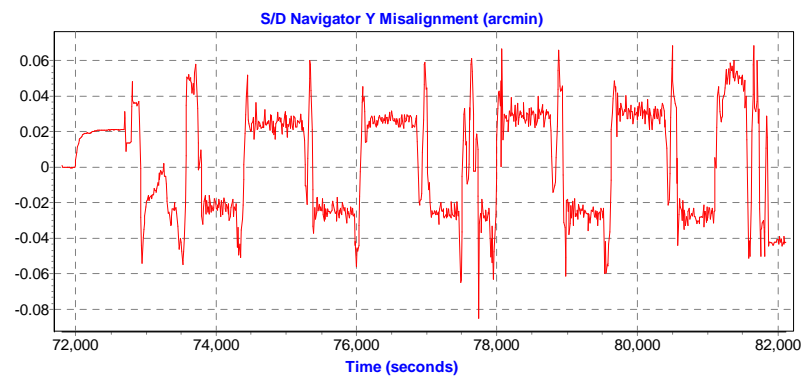
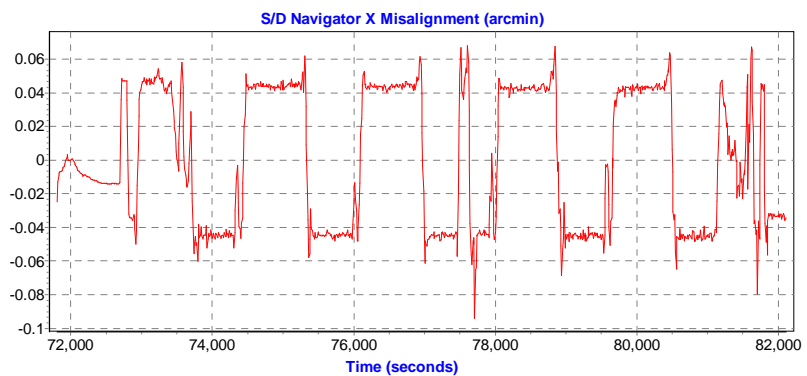
DOP over Tol:	0.0 %
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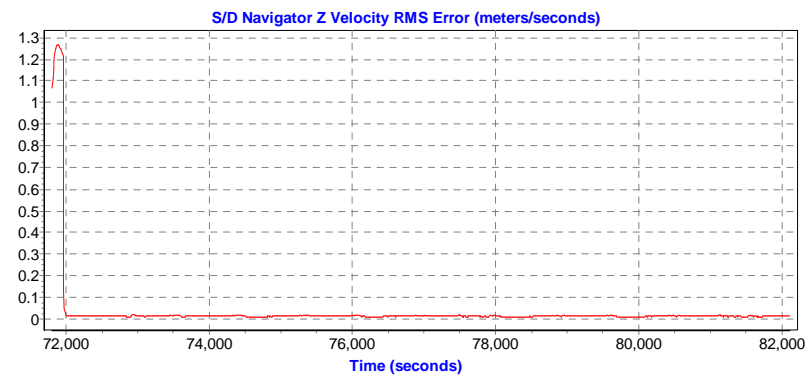
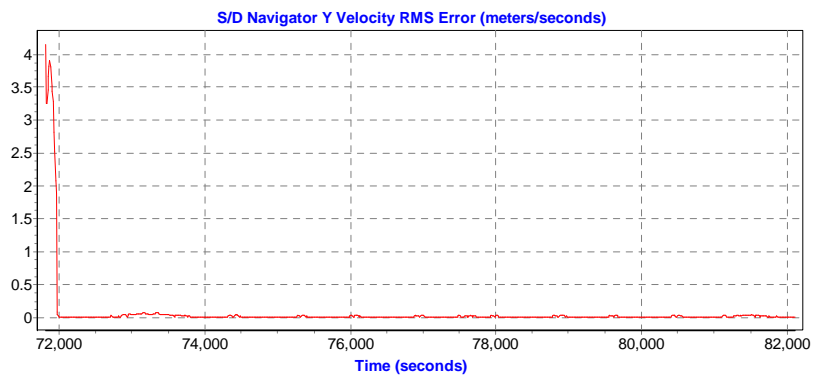
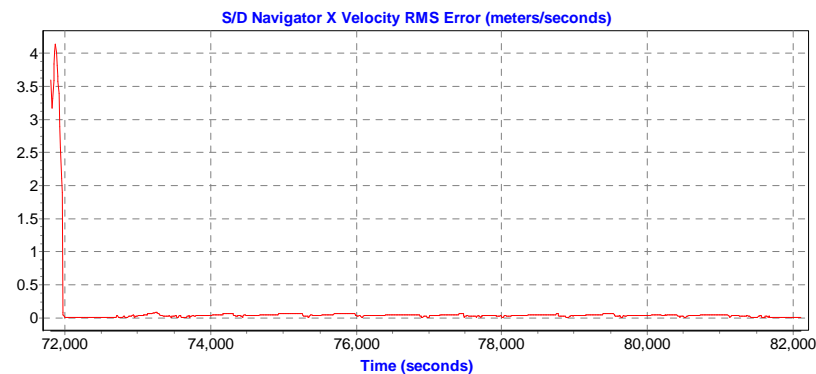
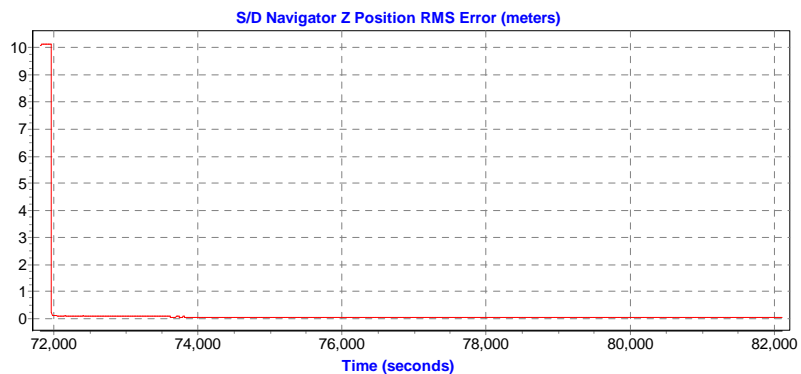
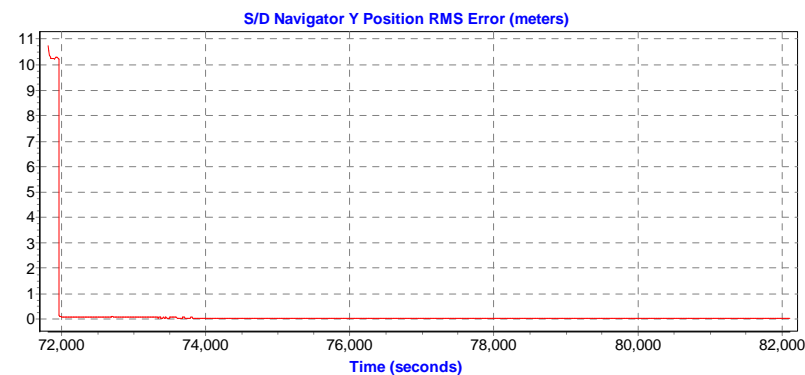
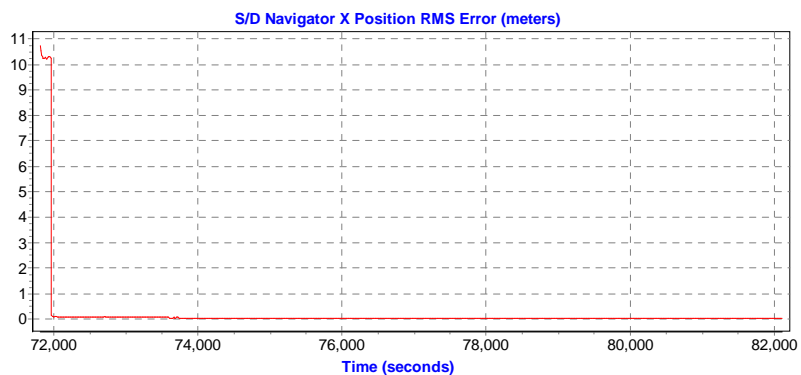
Baseline Distances:

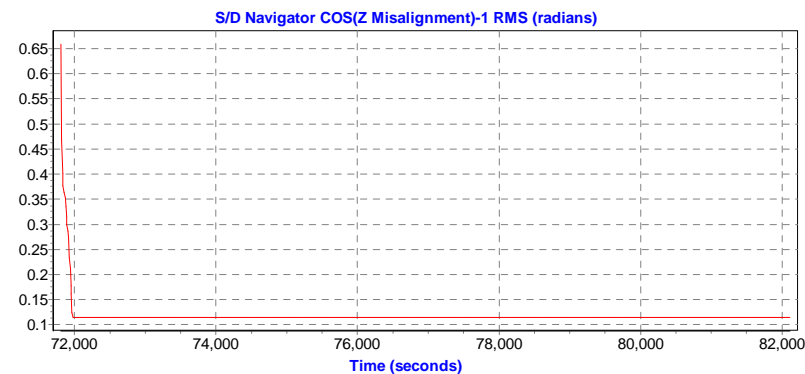
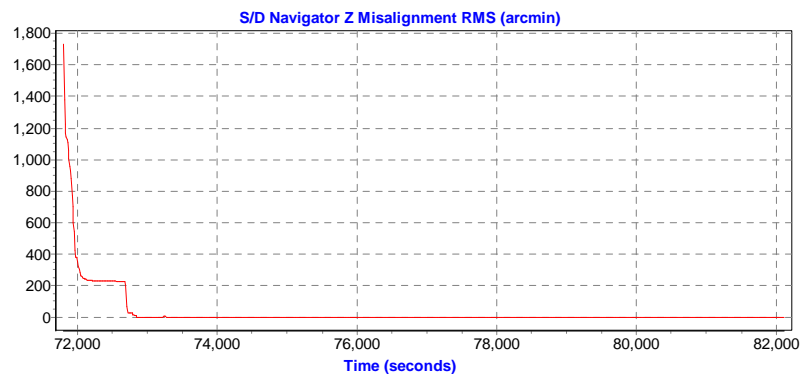
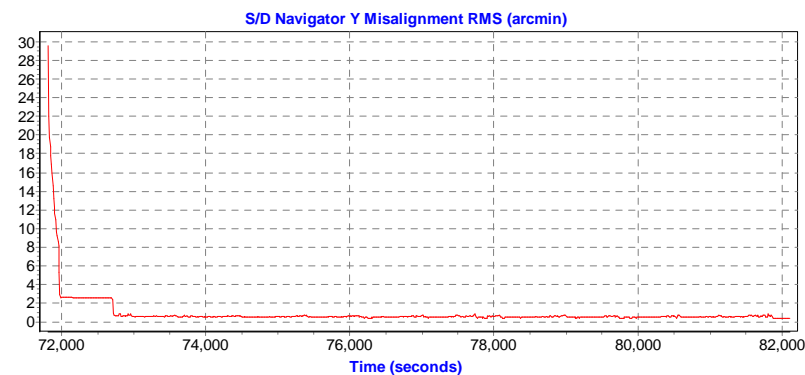
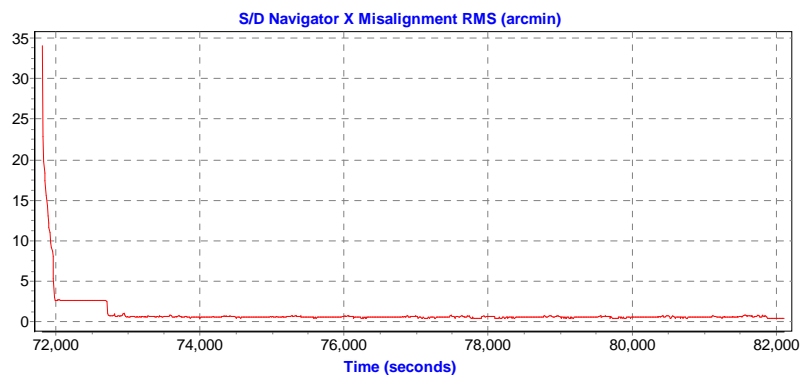
Maximum:	46.220 (km)
Minimum:	0.039 (km)
Average:	23.639 (km)
First Epoch:	0.605 (km)
Last Epoch:	0.604 (km)

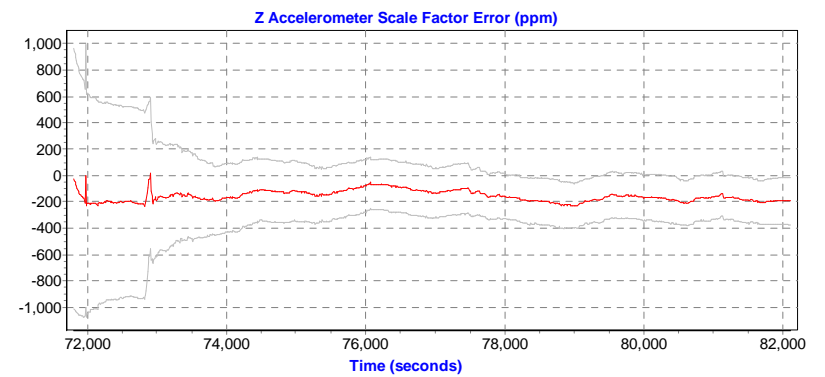
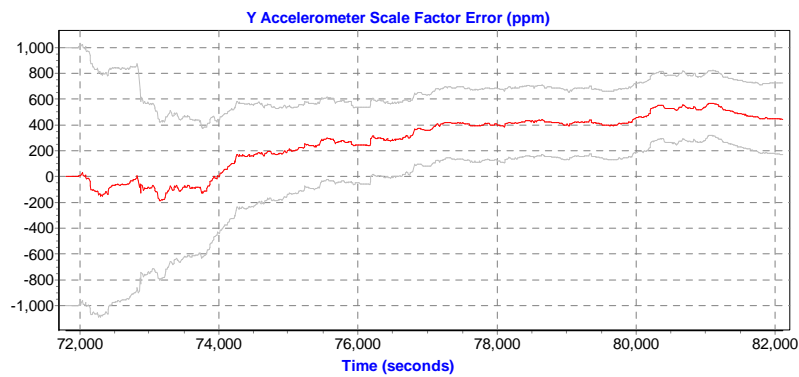
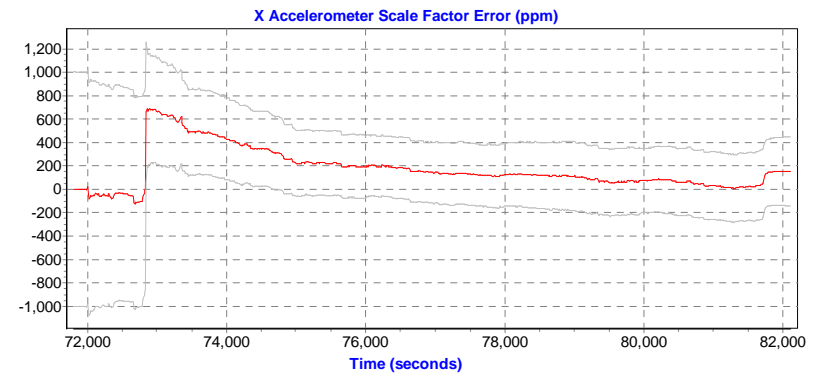
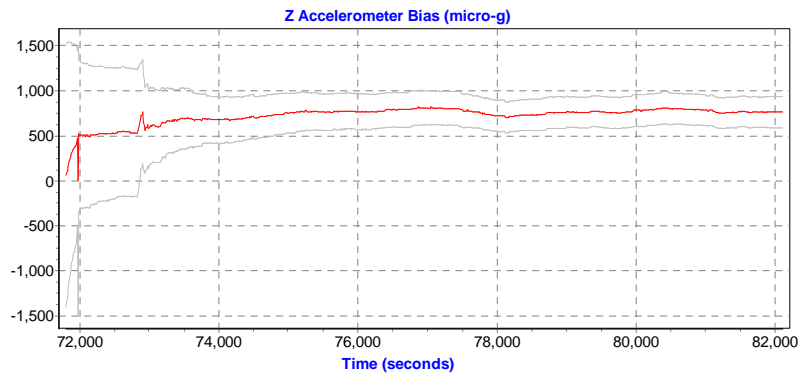
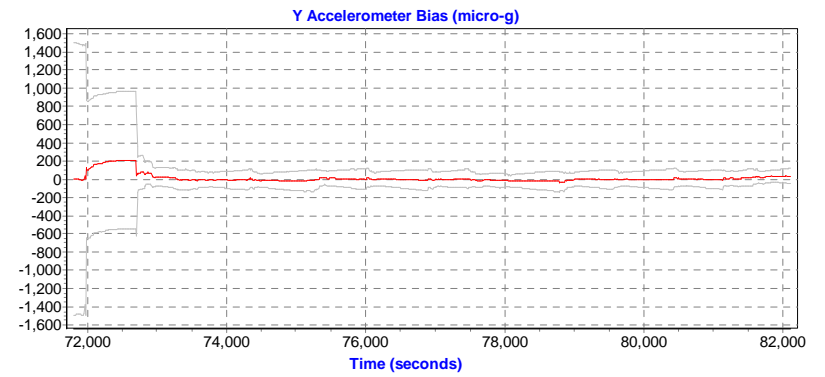
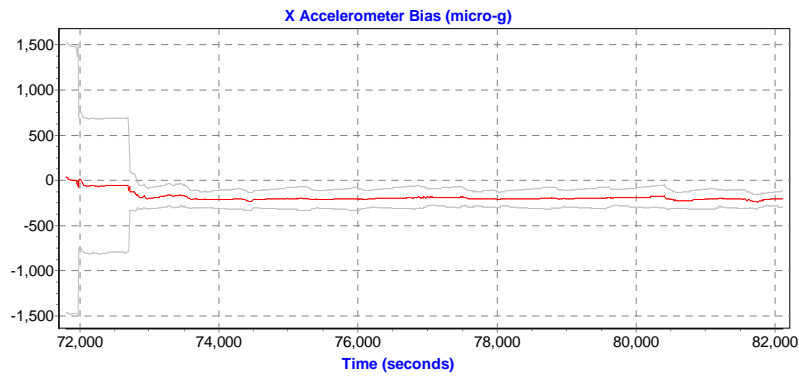
Estimated Errors and RMS

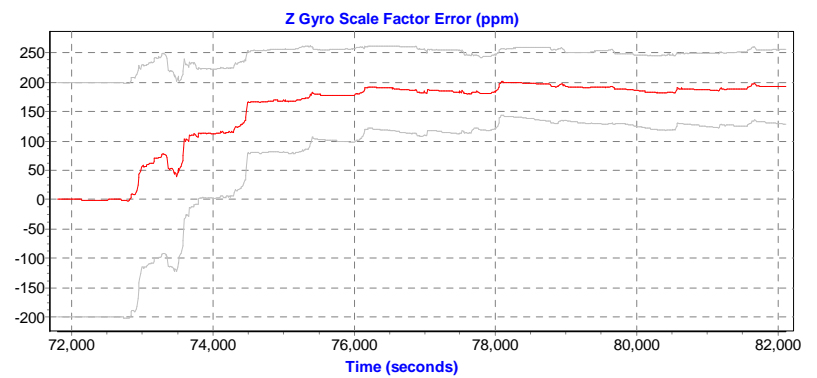
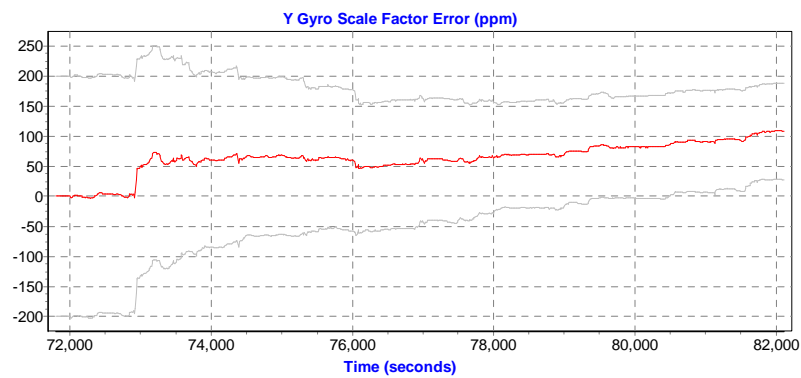
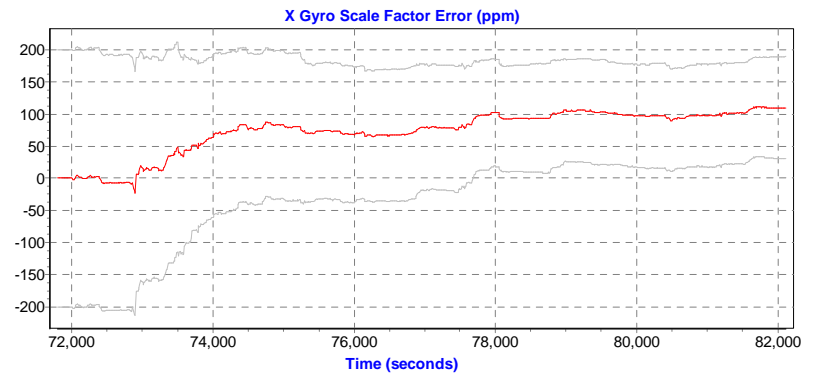
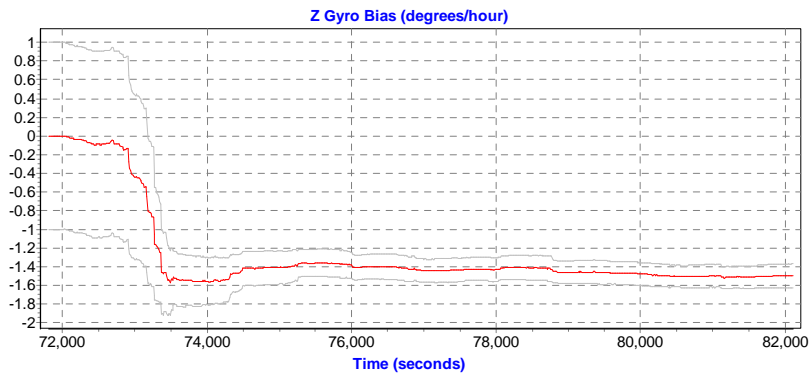
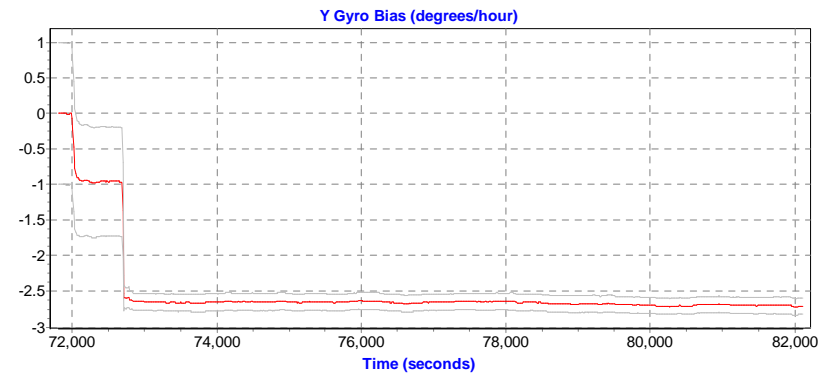
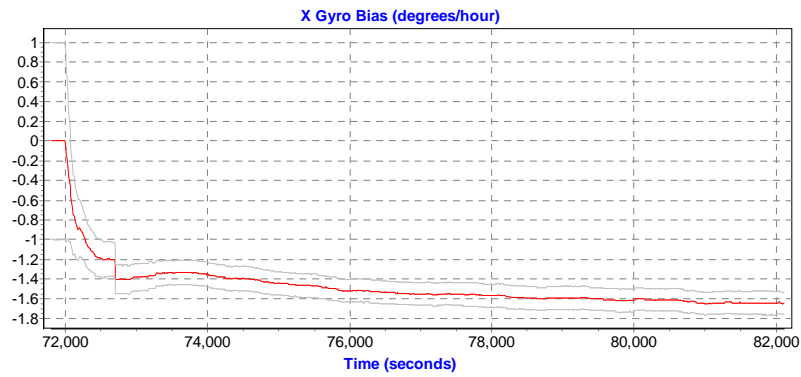


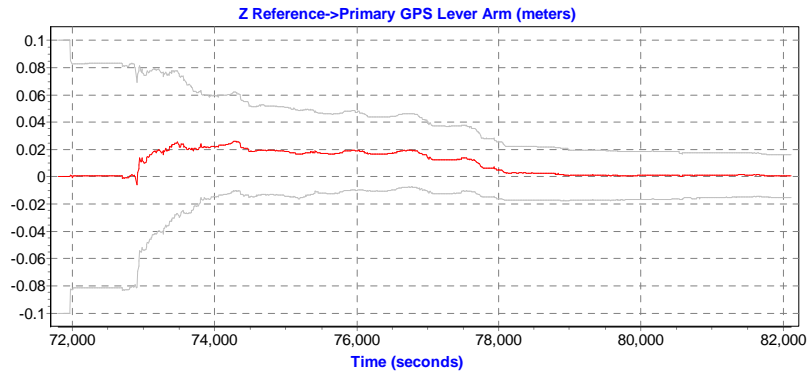
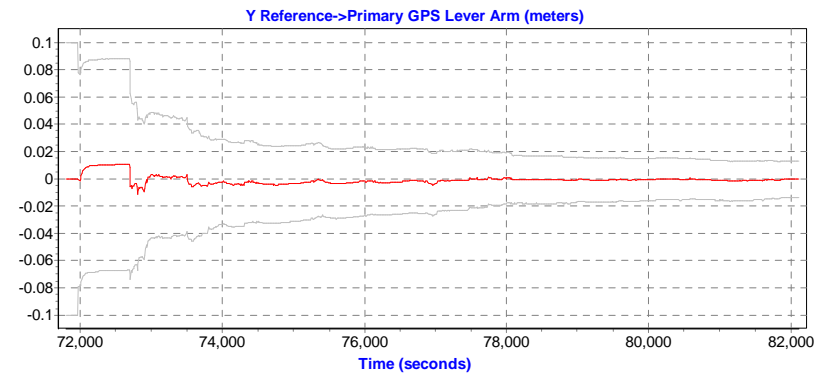
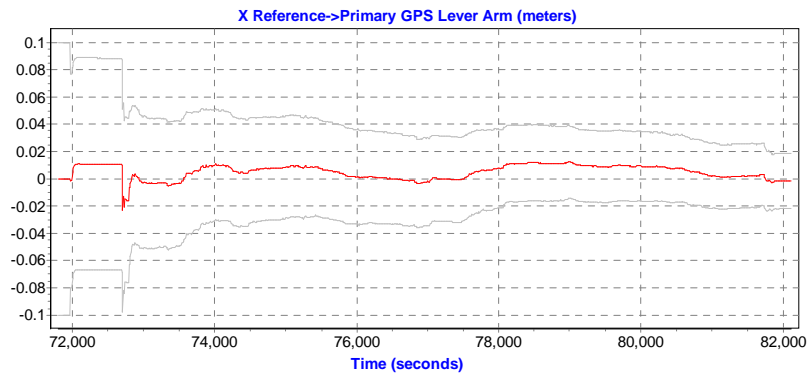






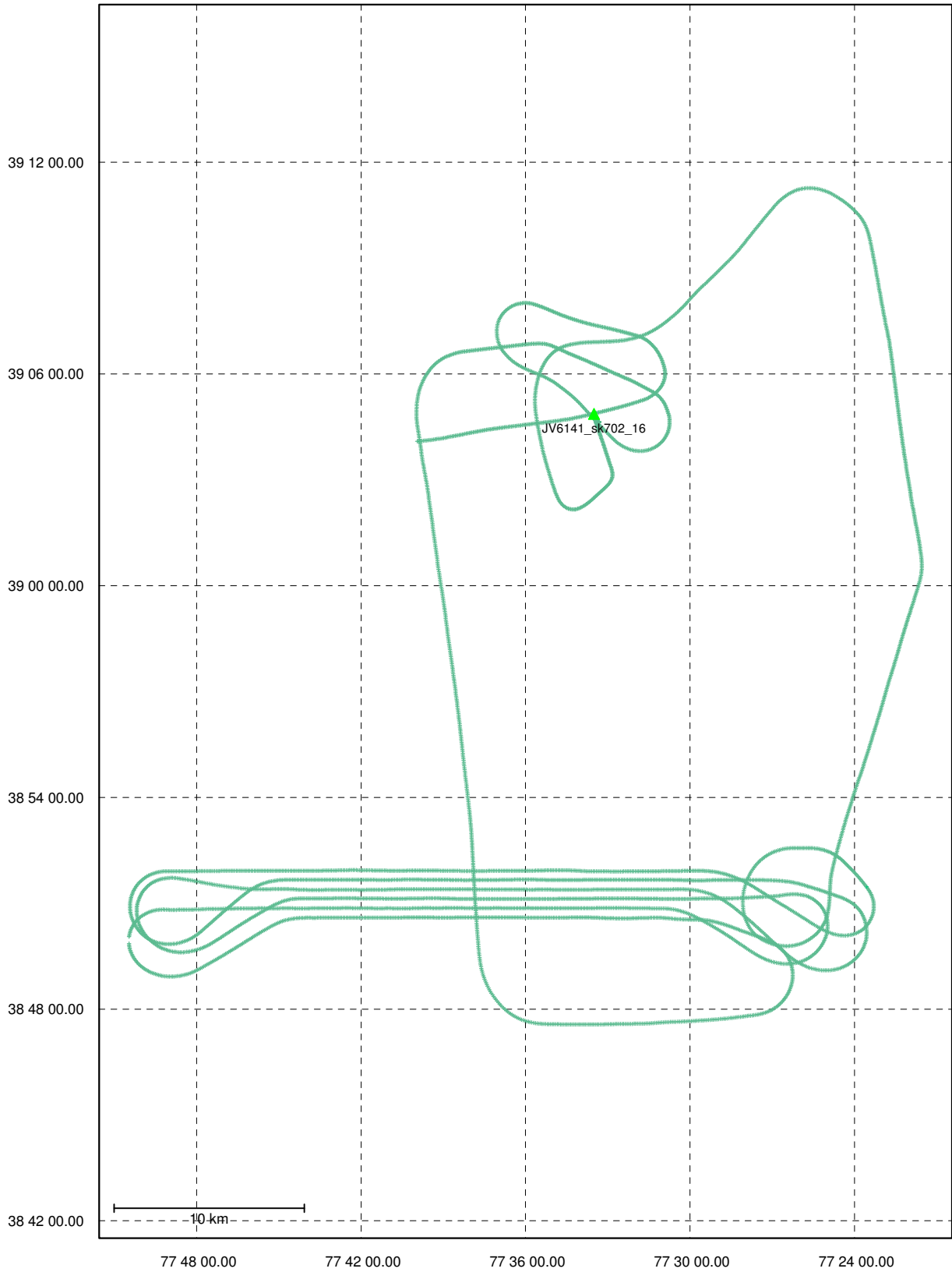






Combined - Map Run (9)

Geographic, DMS



+ Ukn + Q1 + Q2 + Q3 + Q4 + Q5 + Q6 ▲ Master

Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project:
M:\335_DEW\2_Operations\6_Missions\o112093a\3_Processed\GPS\o112093a.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file: 56866
No processed position: 51191
Missing Fwd or Rev: 3
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:

L1 Phase: 0.0178 (m)
C/A Code: 0.68 (m)
L1 Doppler: 0.025 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.010 (m)
North: 0.019 (m)
Height: 0.032 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (5670 occurrences):

East: 0.009 (m)
North: 0.017 (m)
Height: 0.032 (m)

Quality Number Percentages:

Q 1: 99.9 %
Q 2: 0.1 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:

0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

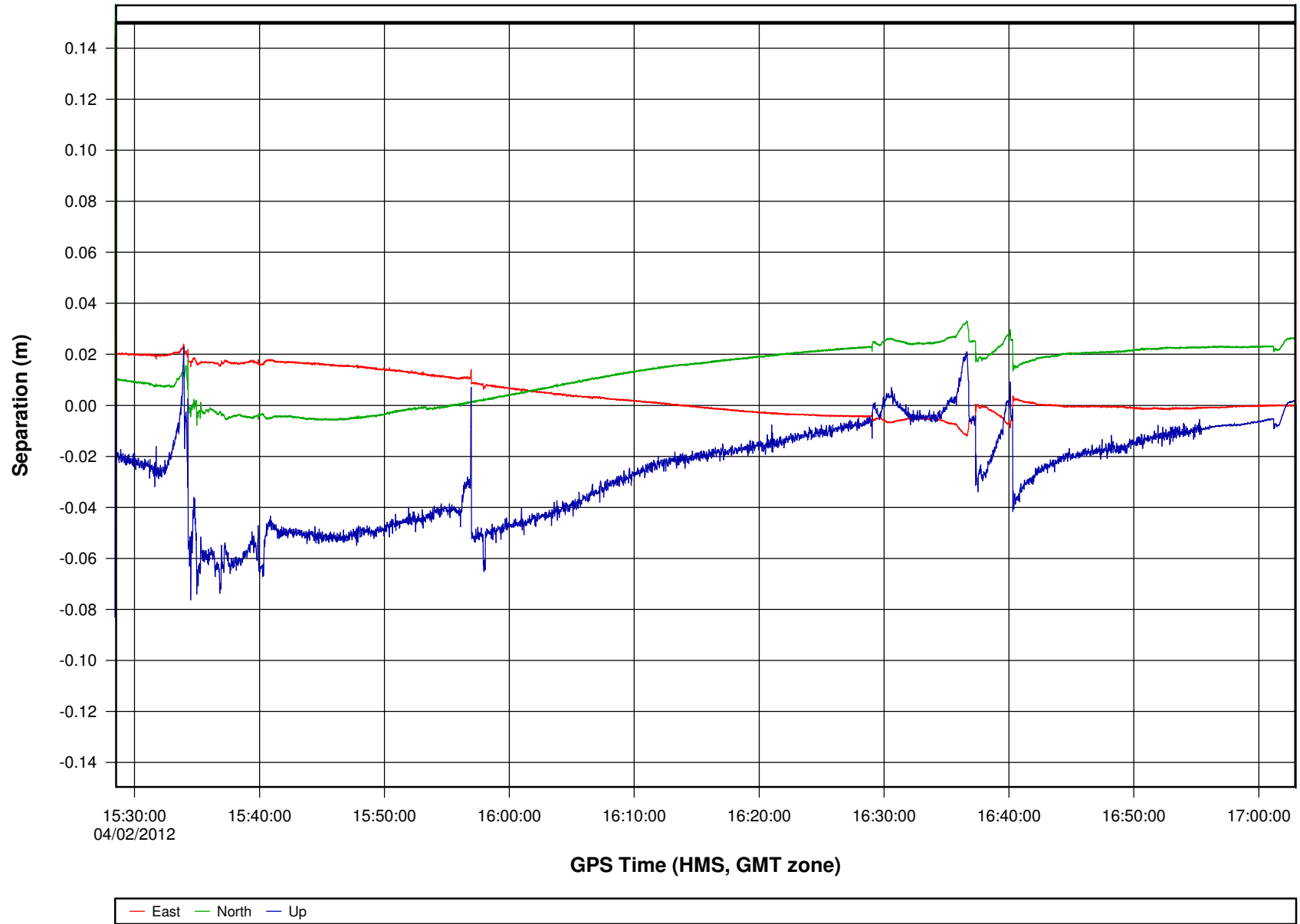
Percentages of epochs with DD_DOP over 10.00:

DOP over Tol: 0.0 %

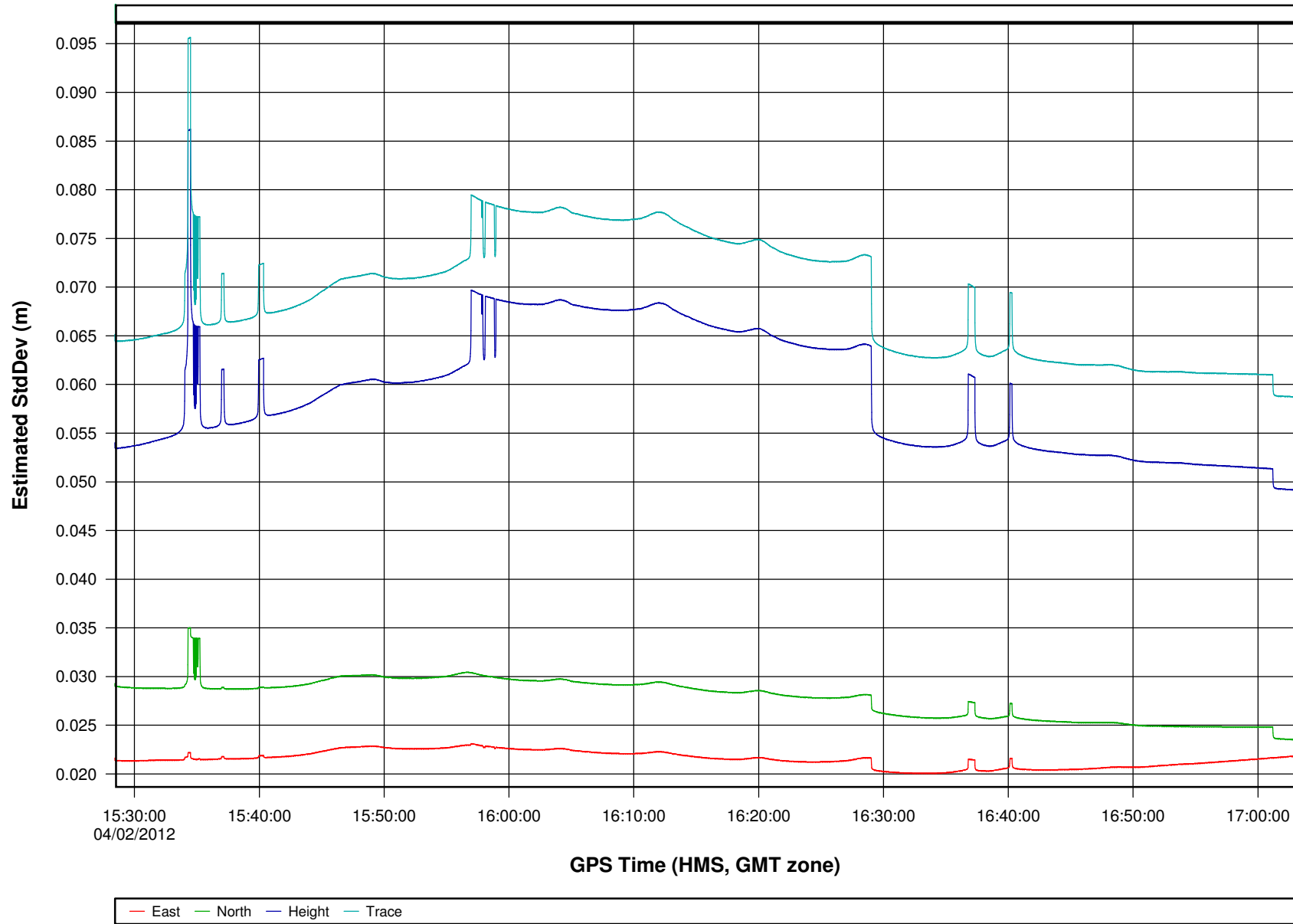
Baseline Distances:

Maximum: 37.544 (km)
Minimum: 0.109 (km)
Average: 20.274 (km)
First Epoch: 9.413 (km)
Last Epoch: 0.502 (km)

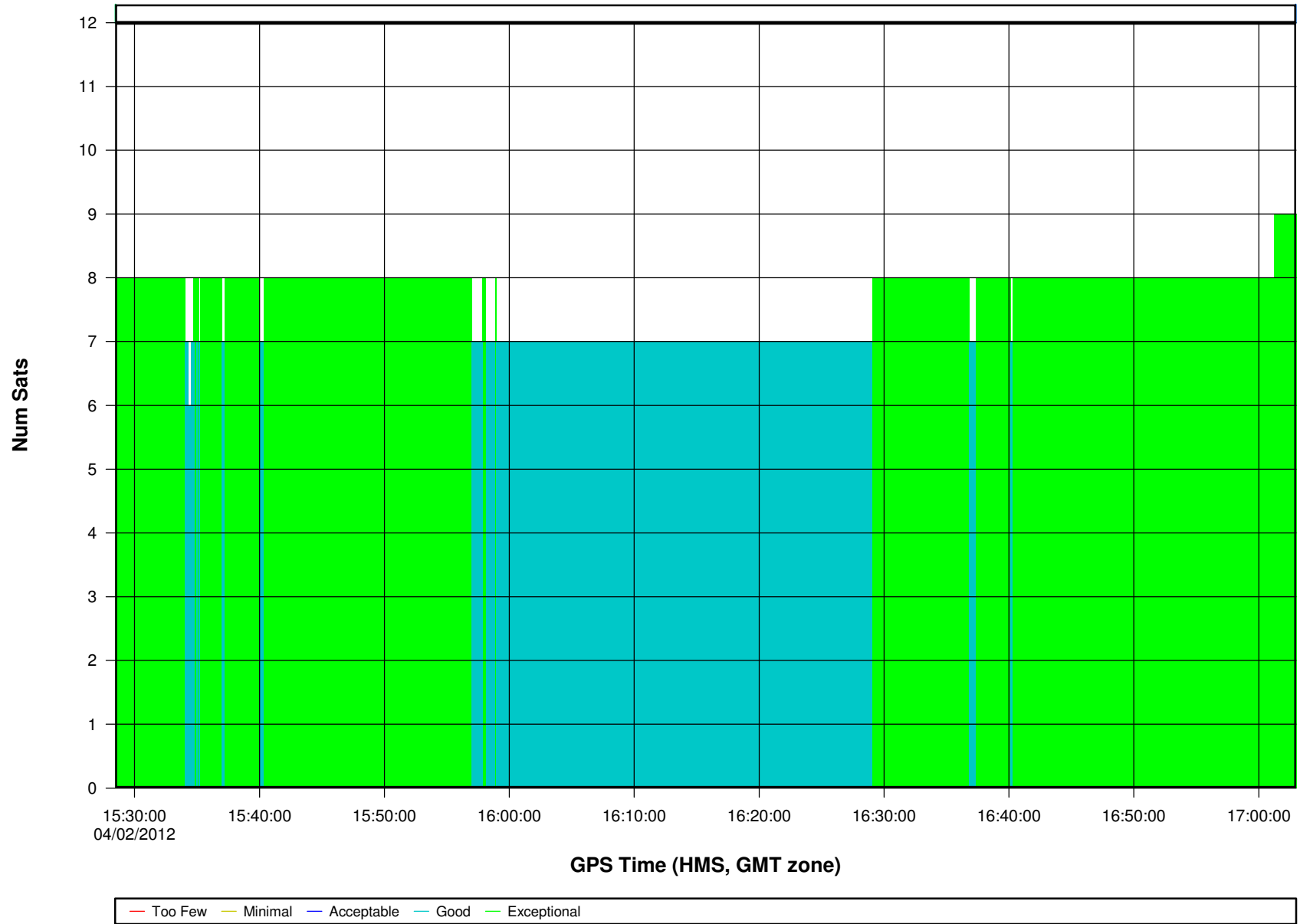
o112093a [Combined] - Forward/Reverse or Combined Separation Plot



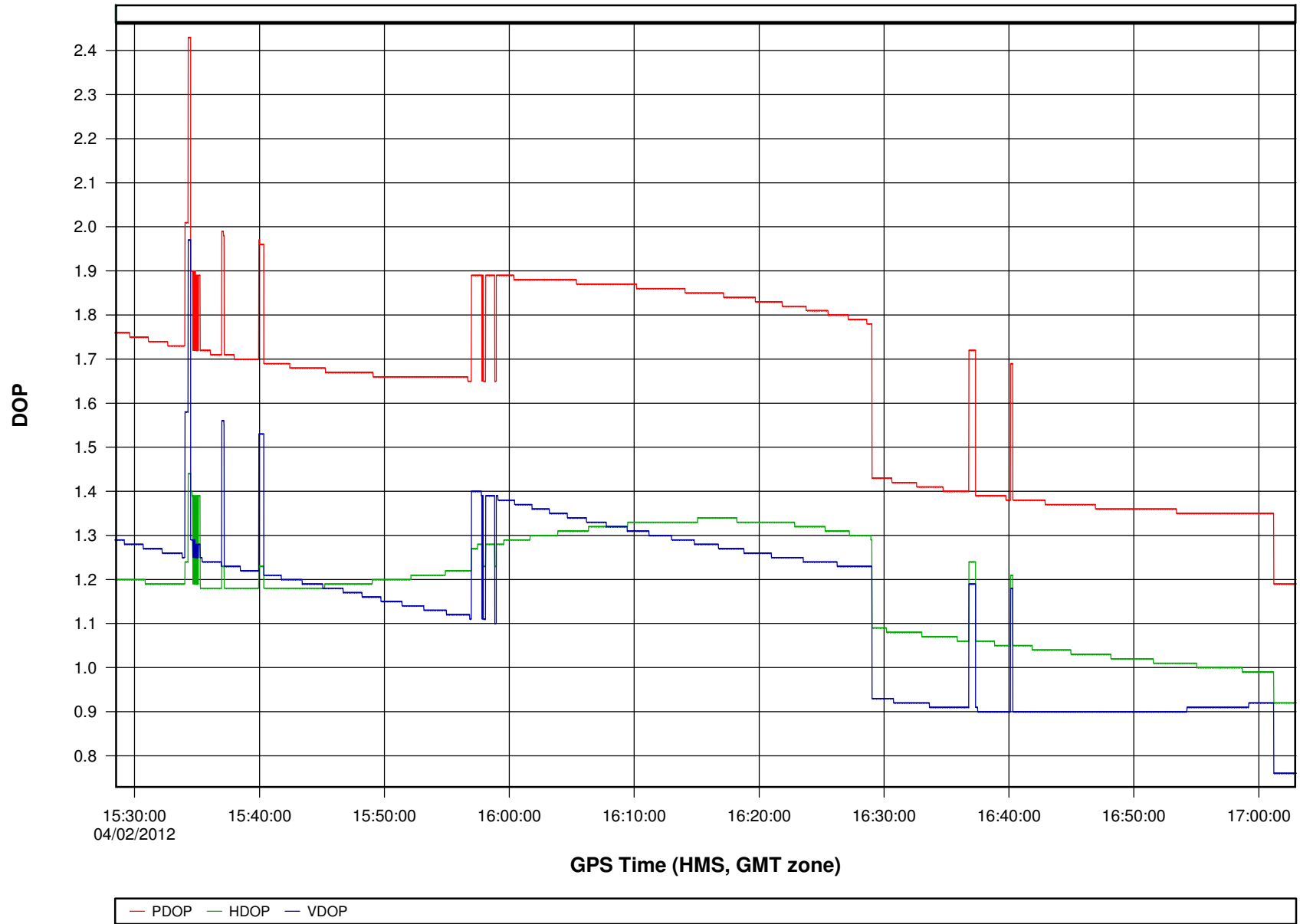
o112093a [Combined] - Estimated Position Accuracy Plot

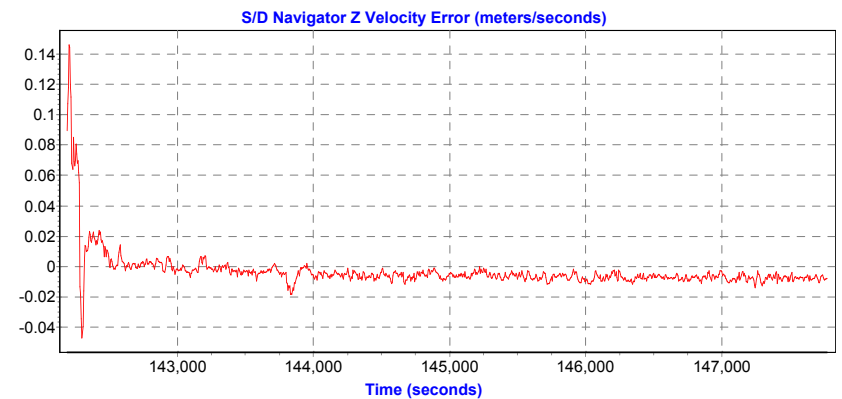
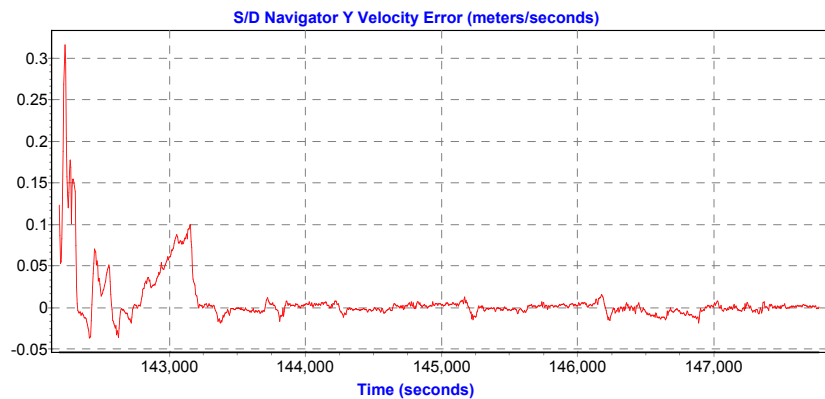
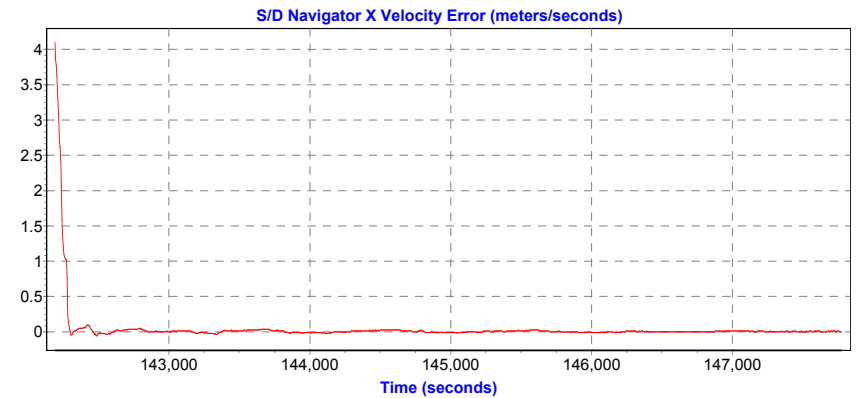
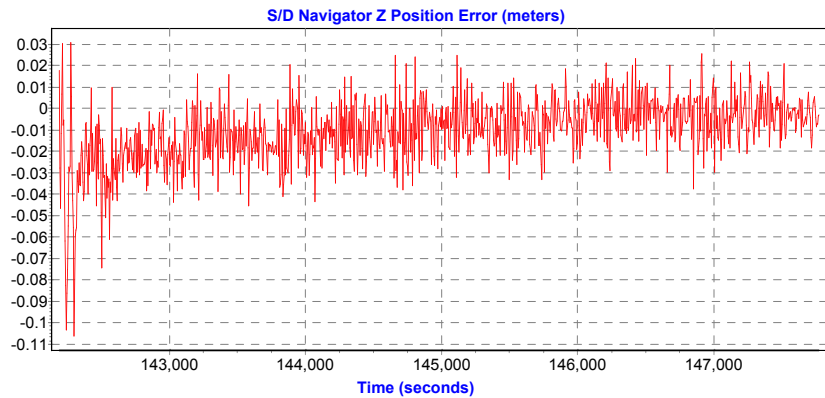
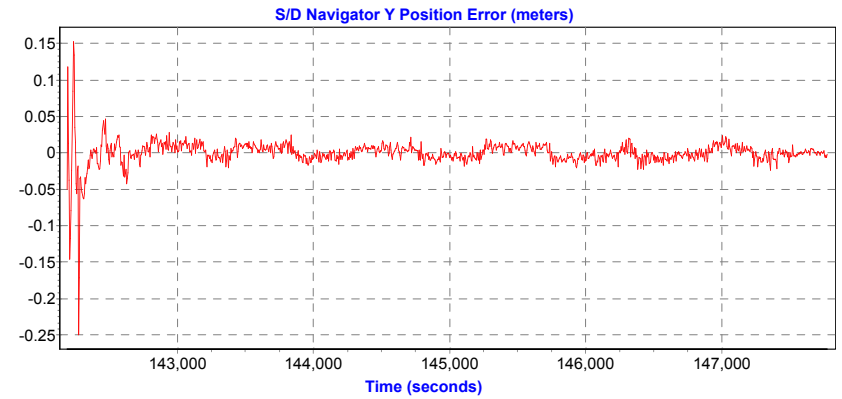
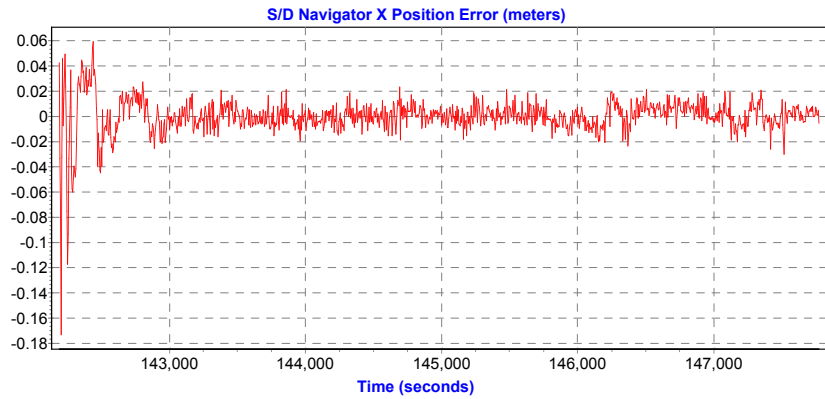


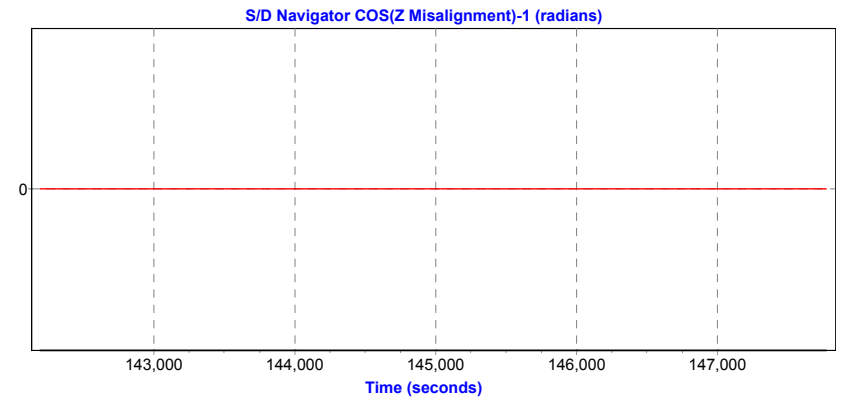
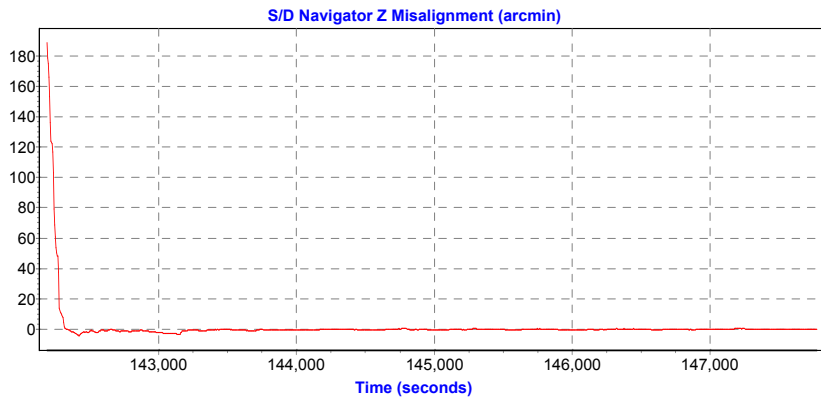
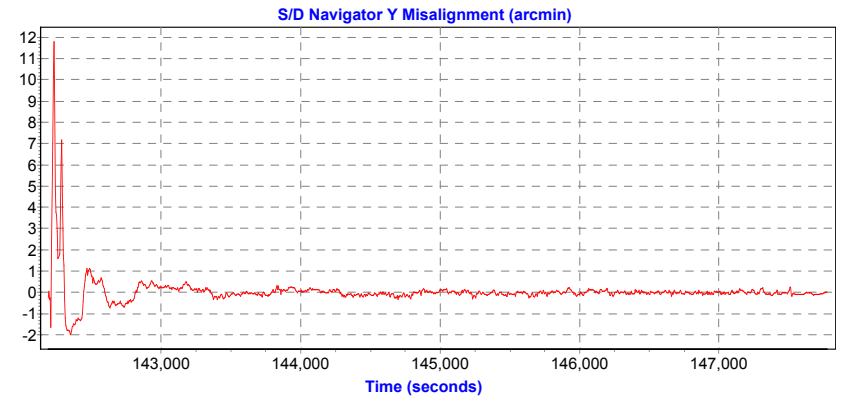
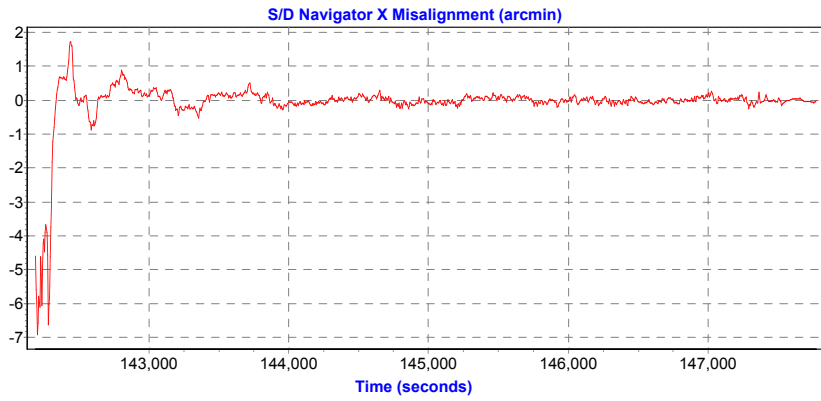
o112093a [Combined] - Number of Satellites Bar Plot

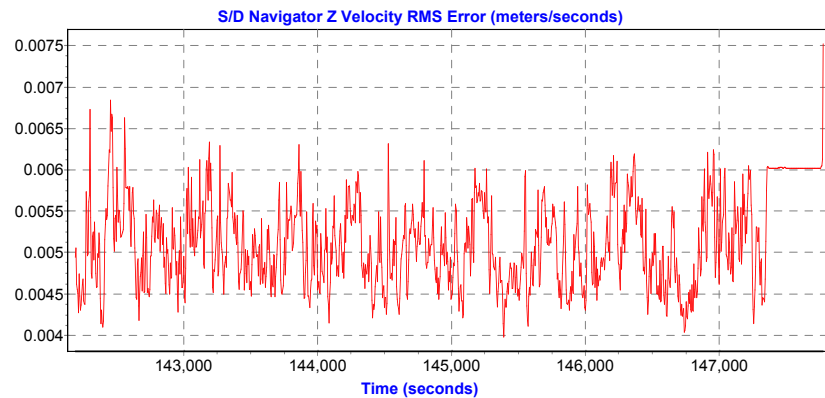
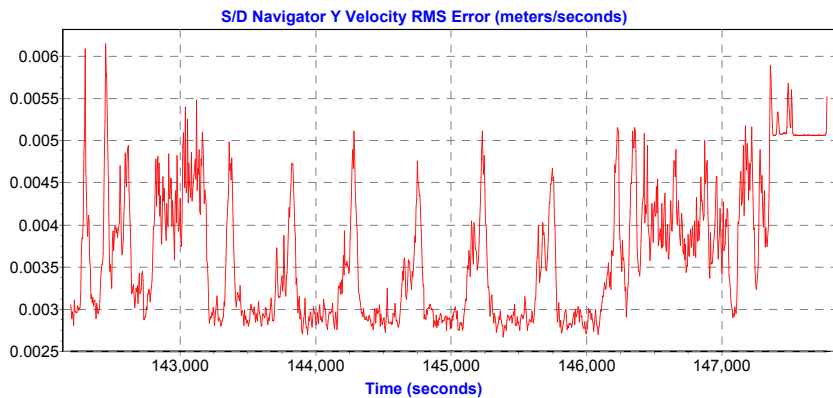
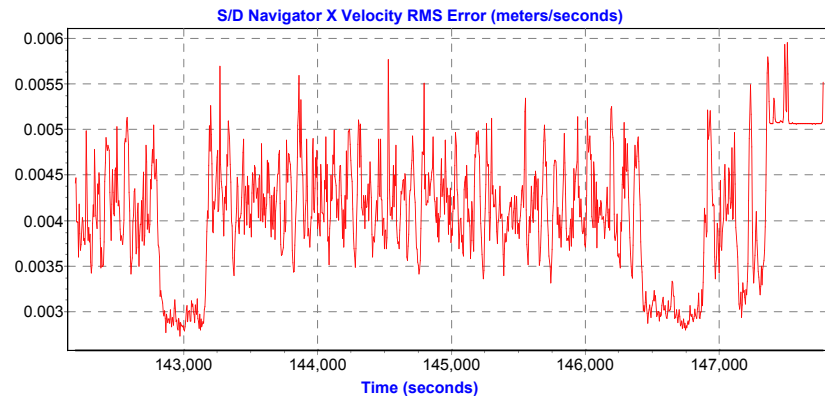
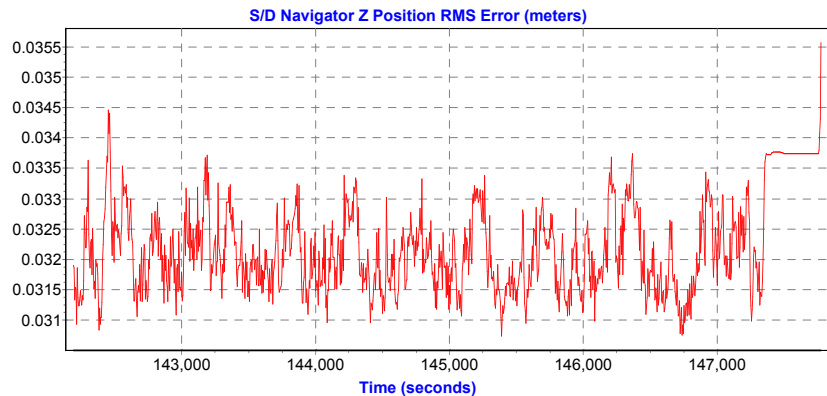
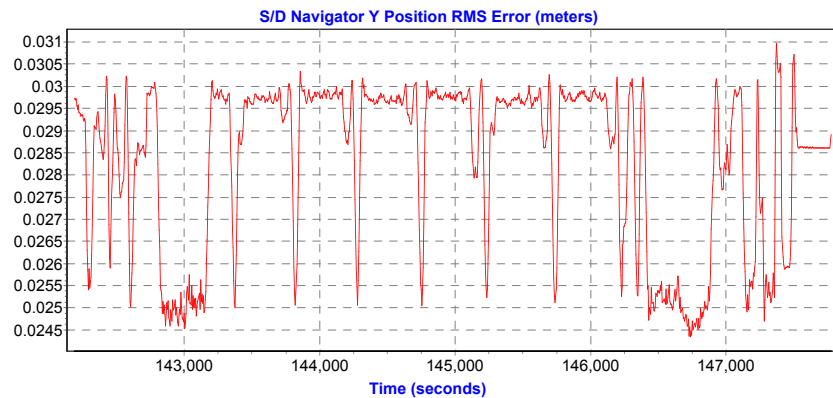
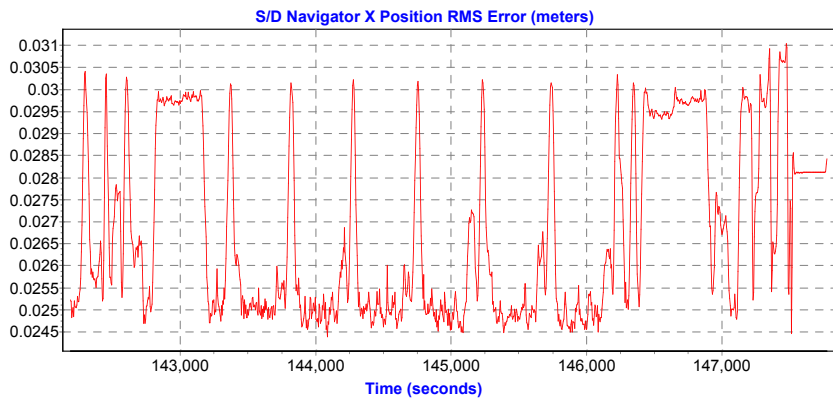


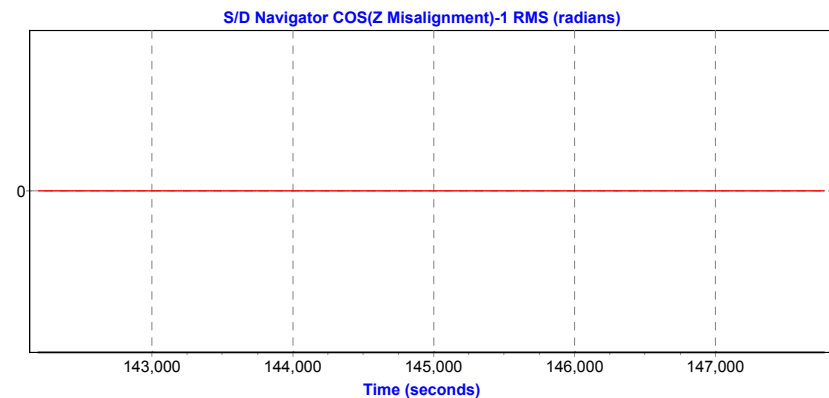
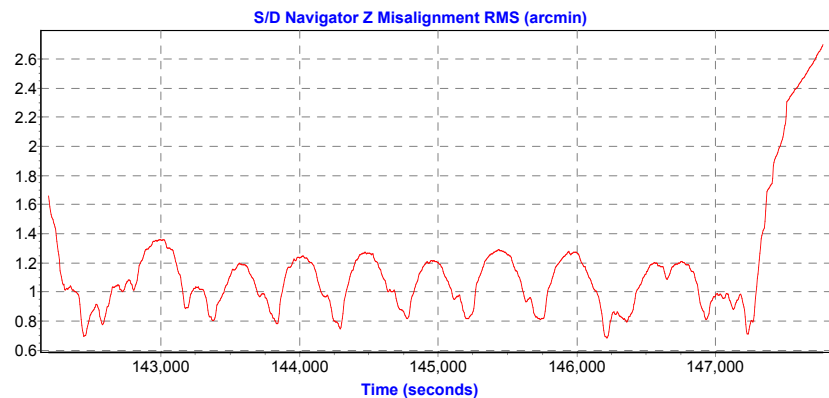
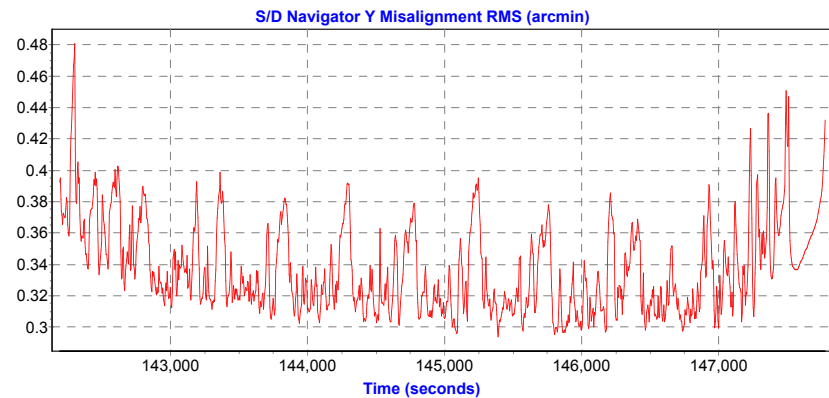
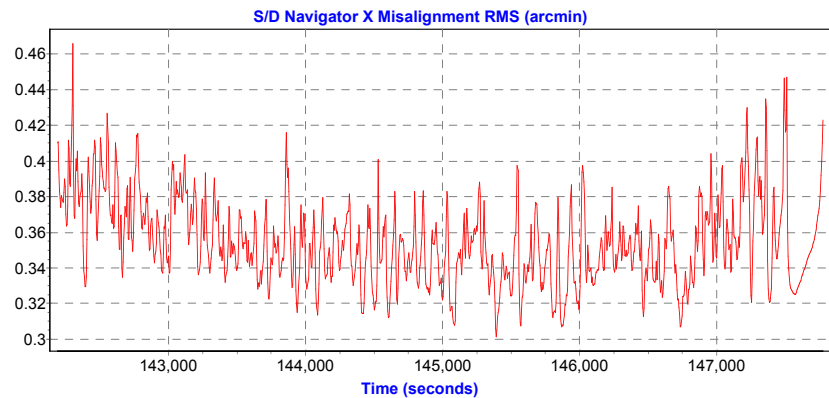
o112093a [Combined] - PDOP, HDOP, VDOP Plots

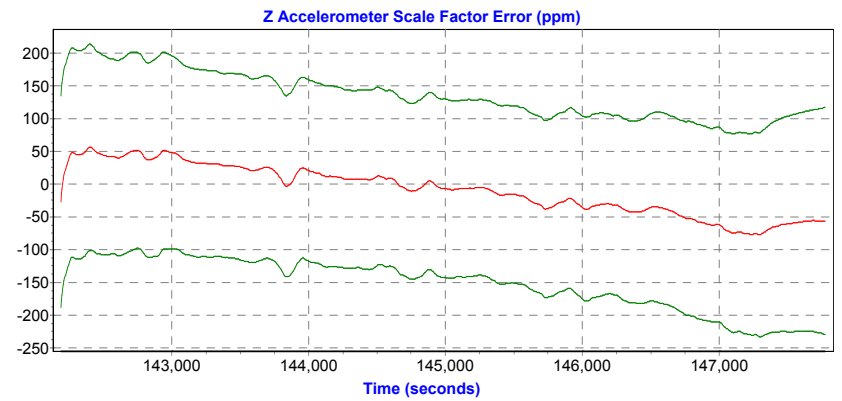
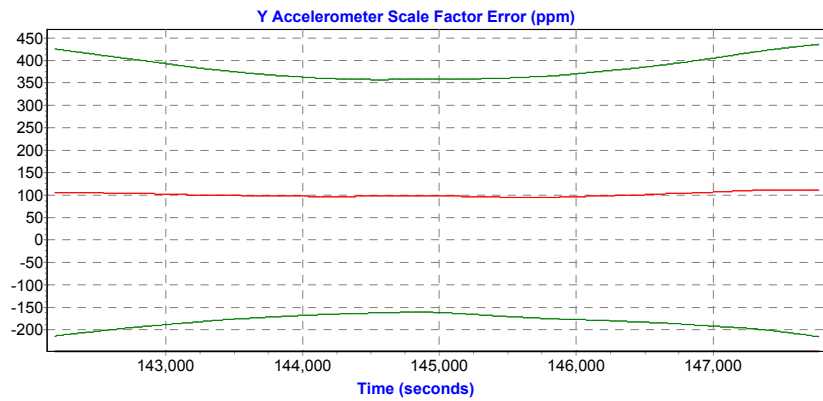
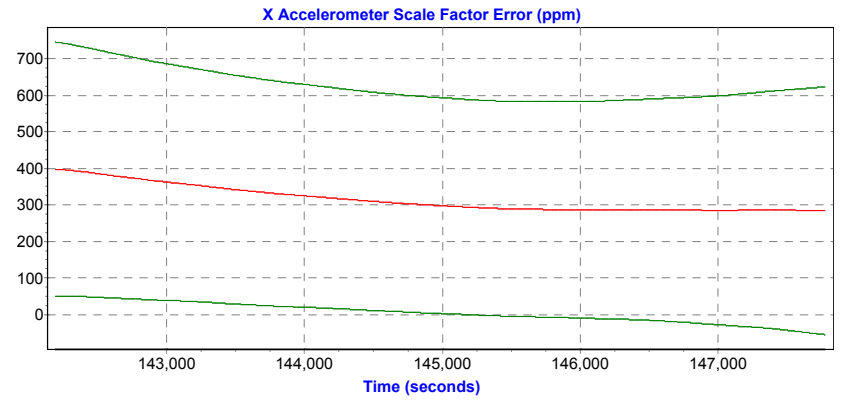
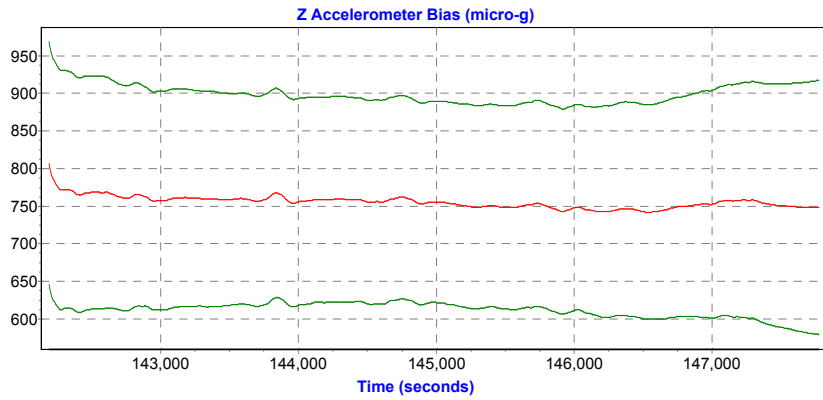
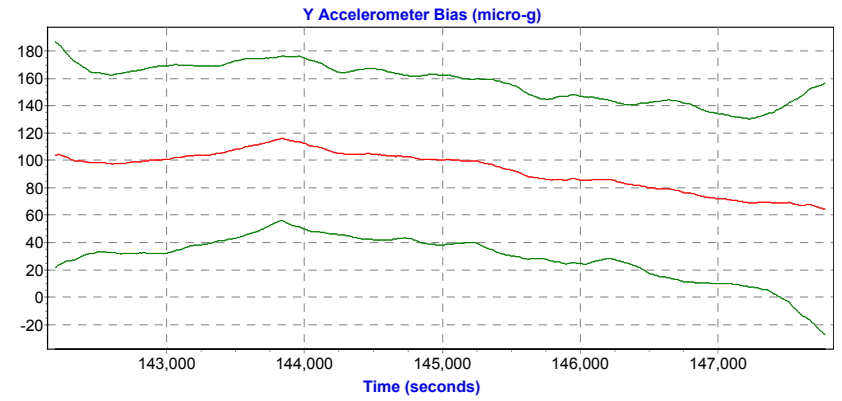
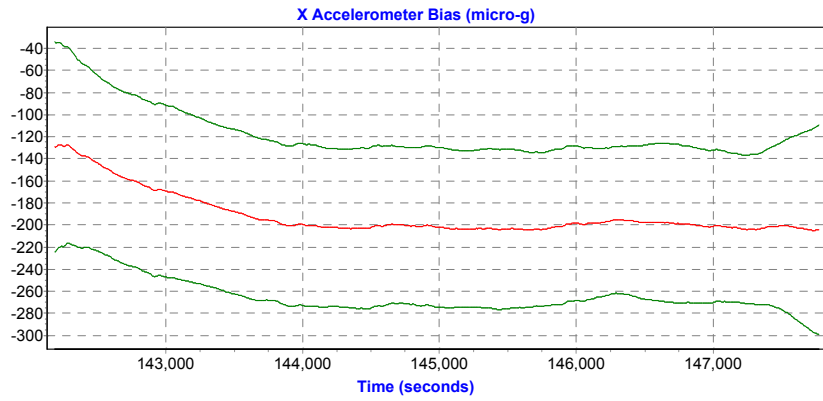


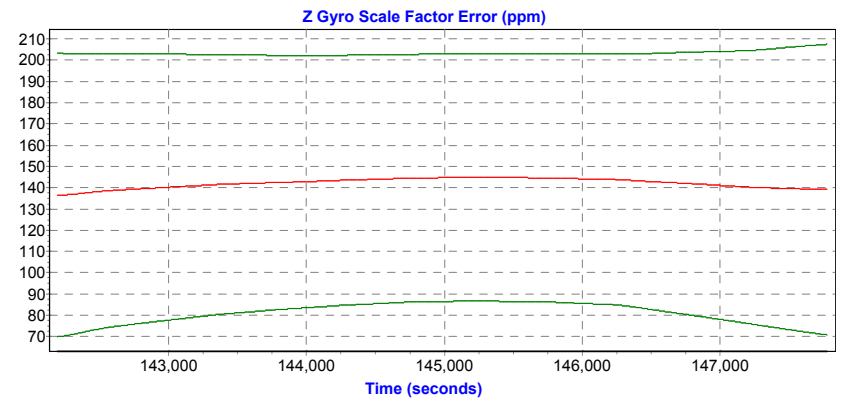
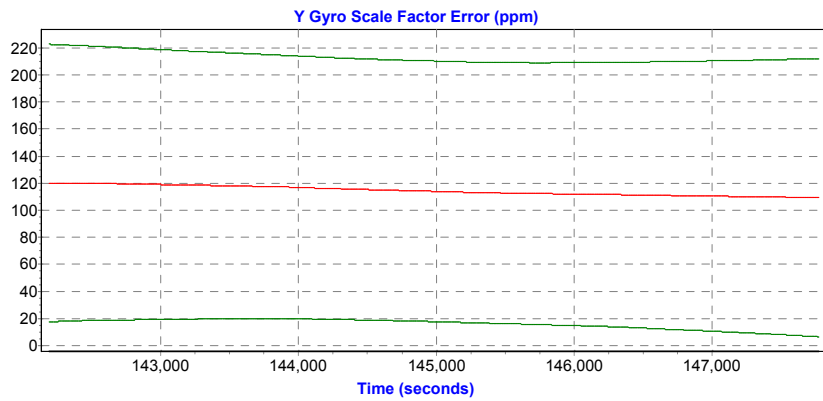
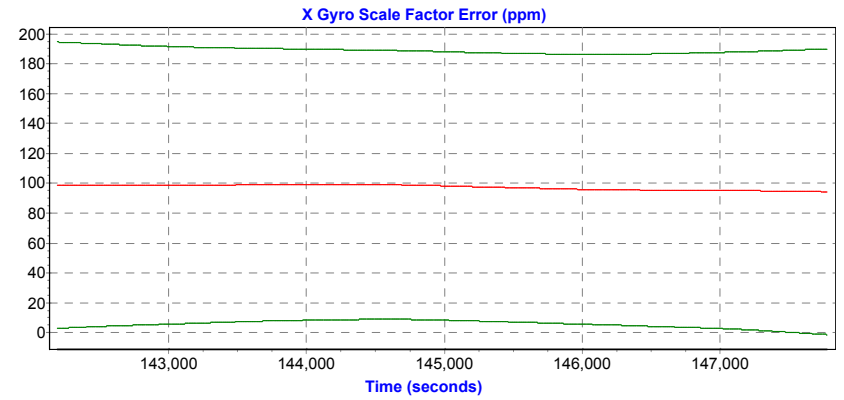
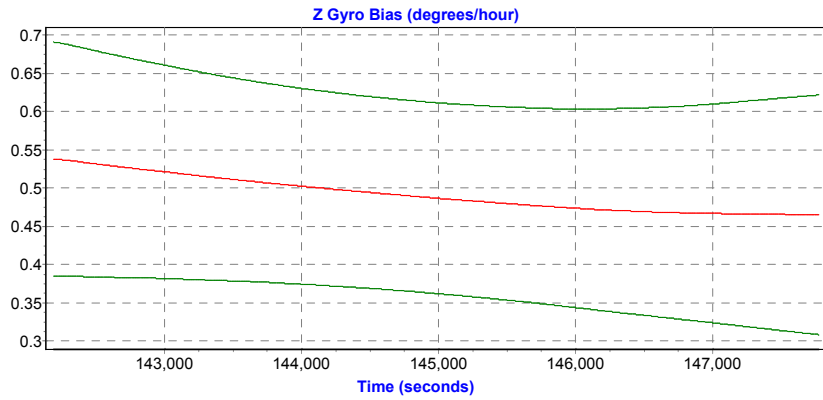
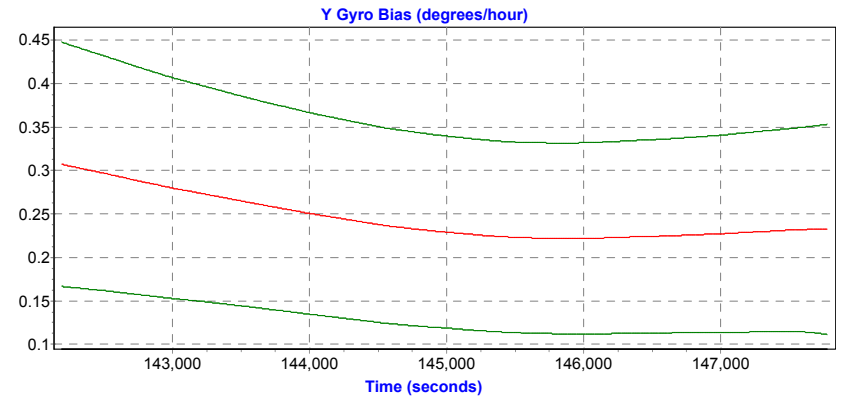
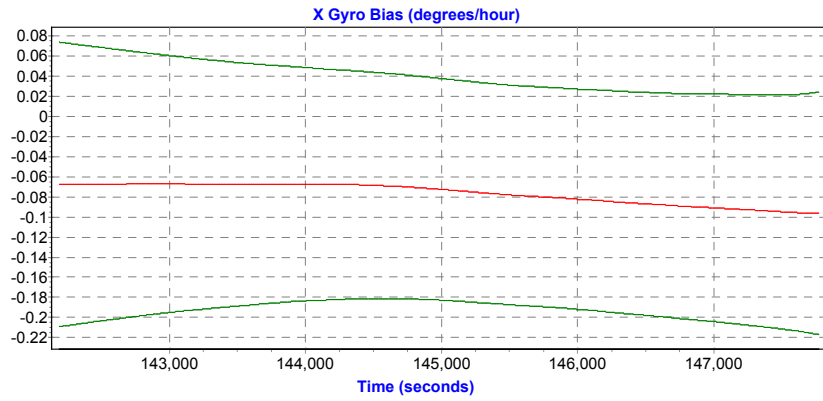






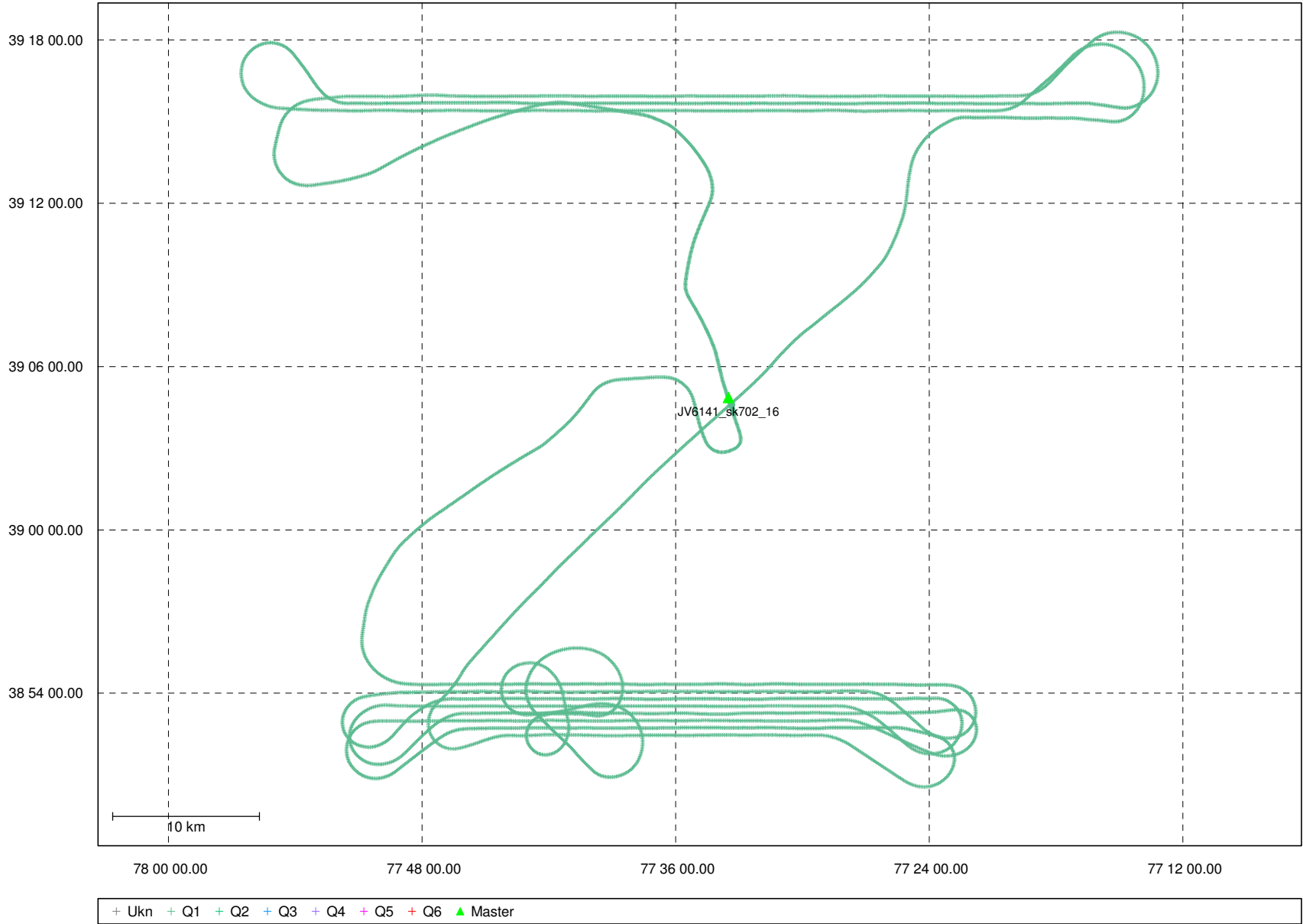






Combined - Map Run (3)

Geographic, DMS



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project:
M:\335_DEW\2_Operations\6_Missions\o112093b\3_Processed\GPS\o112093b.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file: 104461
No processed position: 94027
Missing Fwd or Rev: 3
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:

L1 Phase: 0.0180 (m)
C/A Code: 0.67 (m)
L1 Doppler: 0.030 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.009 (m)
North: 0.016 (m)
Height: 0.019 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (10429 occurances):

East: 0.007 (m)
North: 0.015 (m)
Height: 0.015 (m)

Quality Number Percentages:

Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:

0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

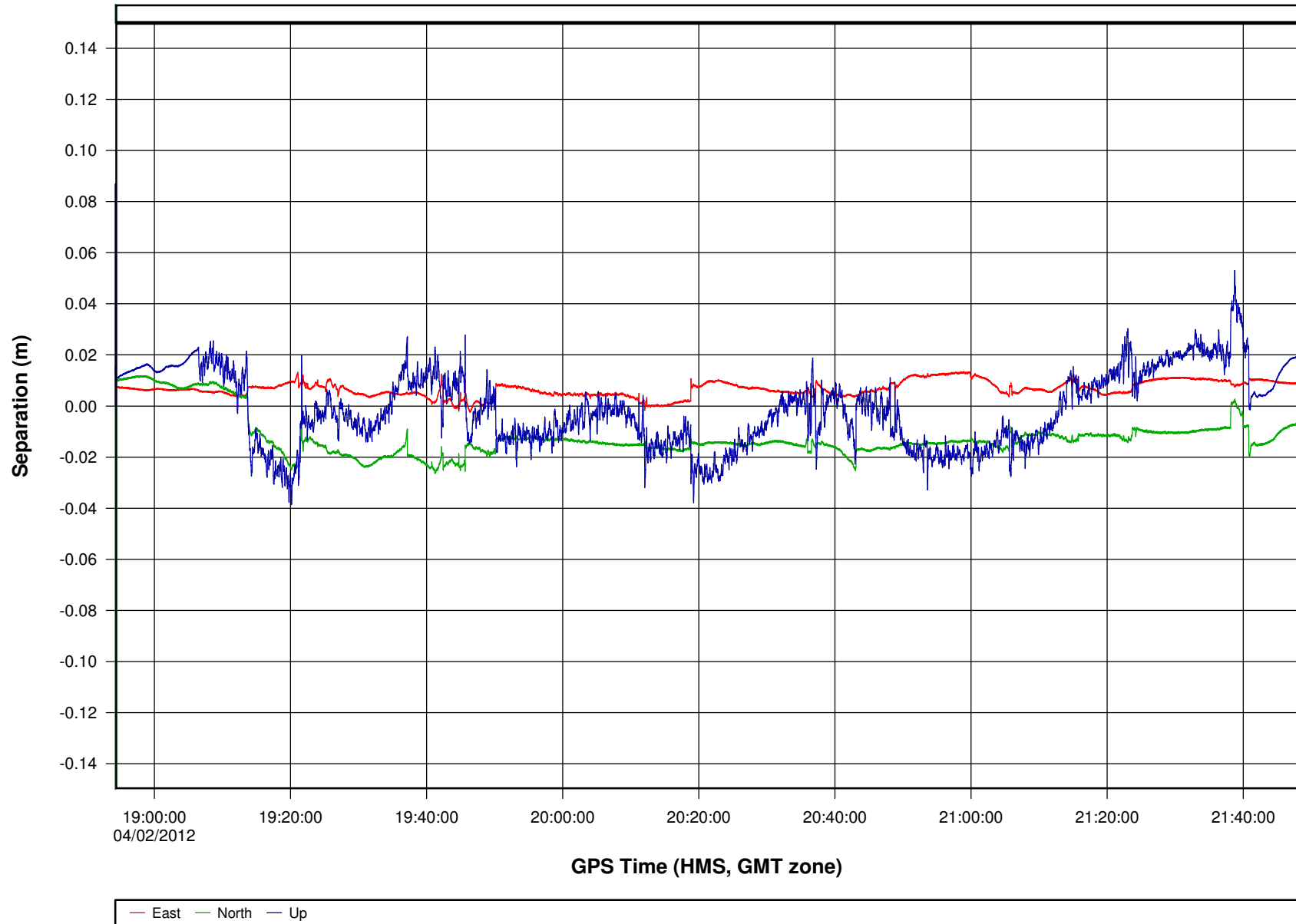
Percentages of epochs with DD_DOP over 10.00:

DOP over Tol: 0.0 %

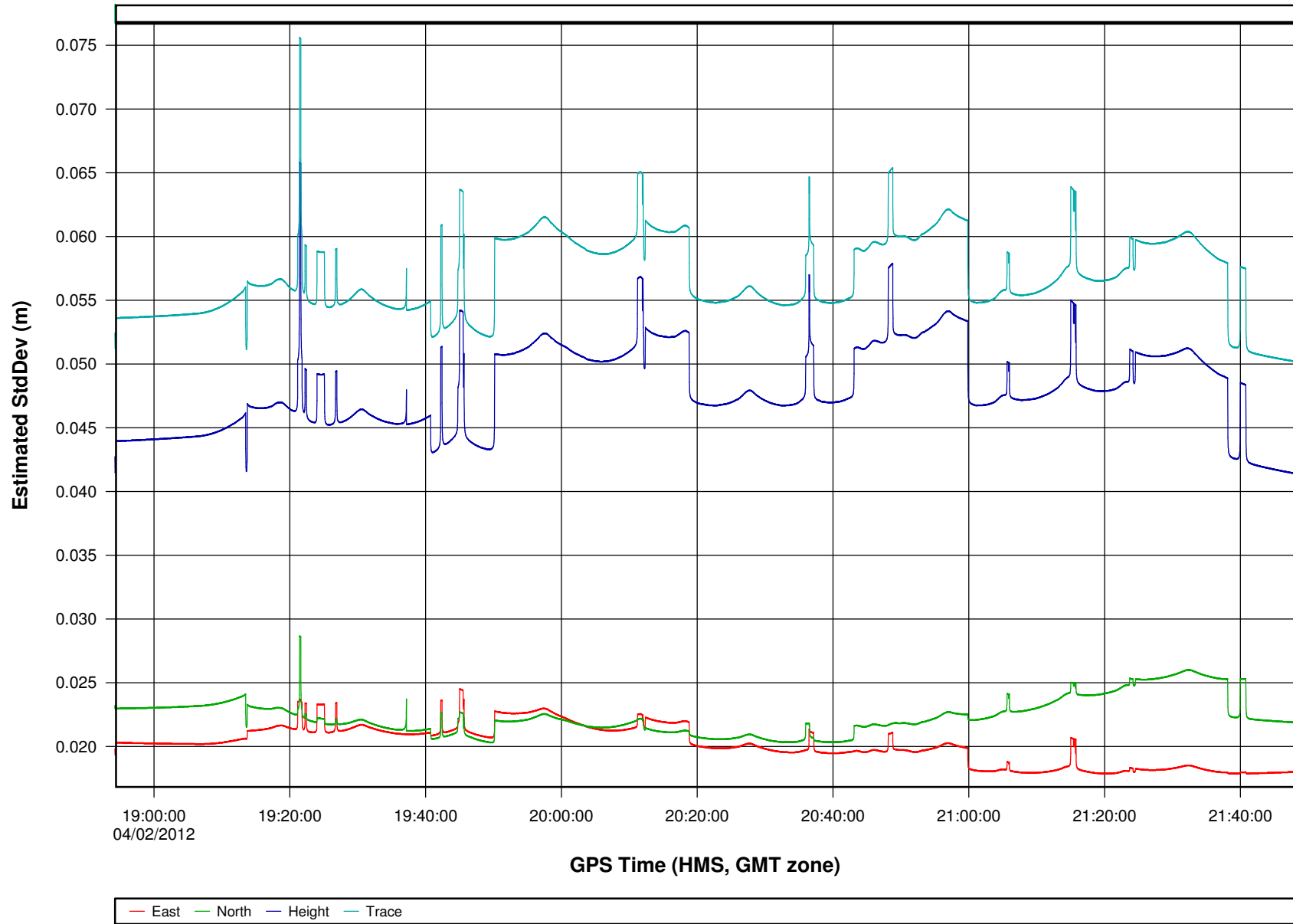
Baseline Distances:

Maximum: 40.236 (km)
Minimum: 0.050 (km)
Average: 21.216 (km)
First Epoch: 0.502 (km)
Last Epoch: 0.620 (km)

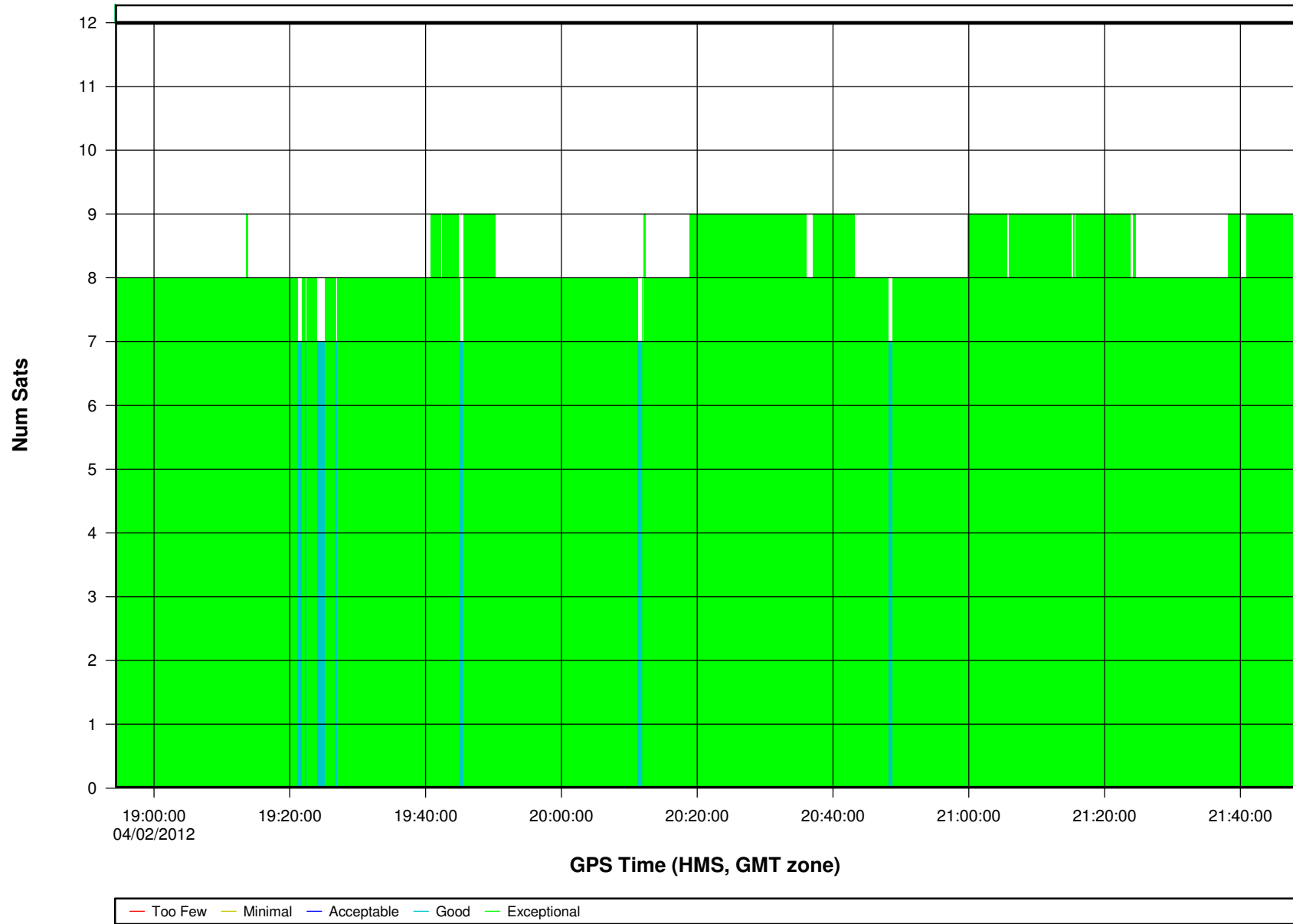
o112093b [Combined] - Forward/Reverse or Combined Separation Plot



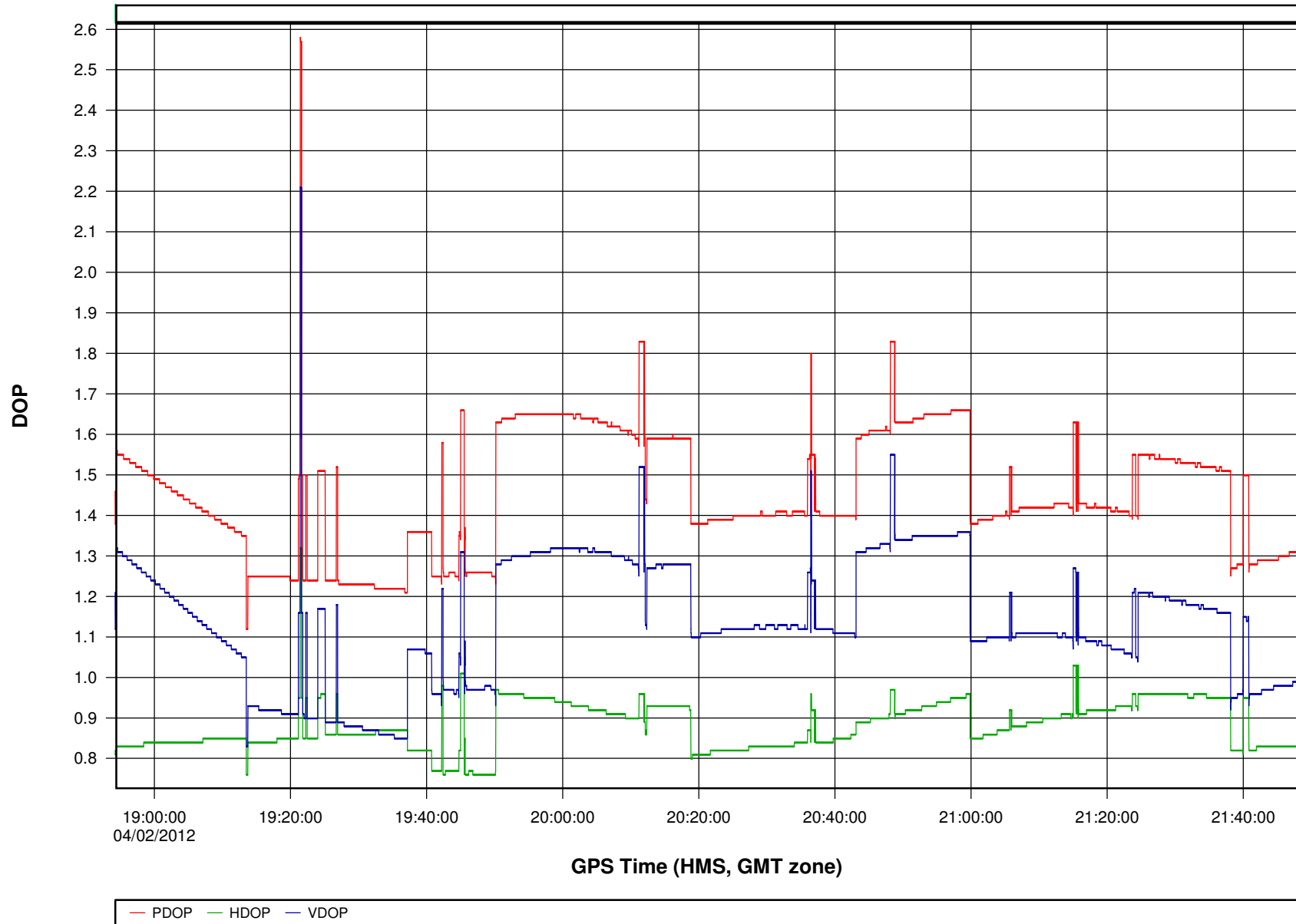
o112093b [Combined] - Estimated Position Accuracy Plot

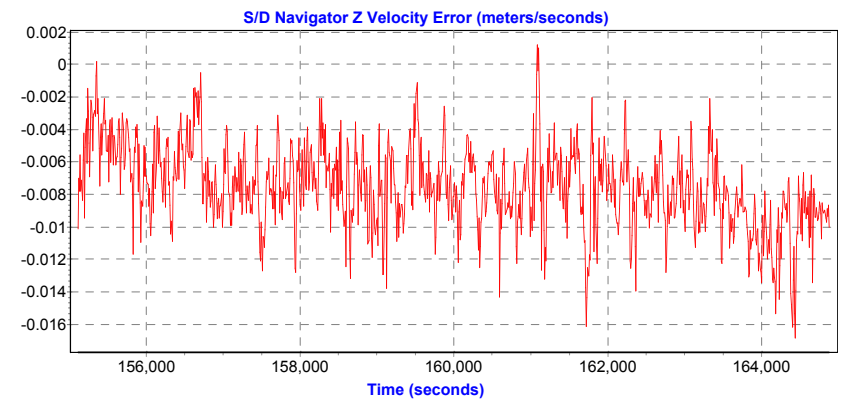
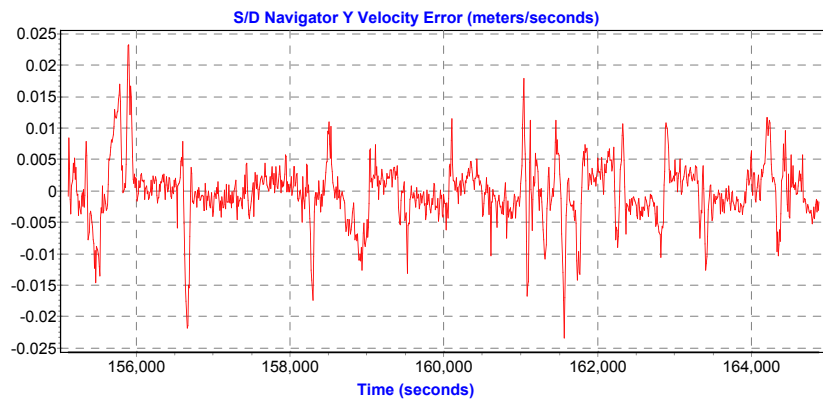
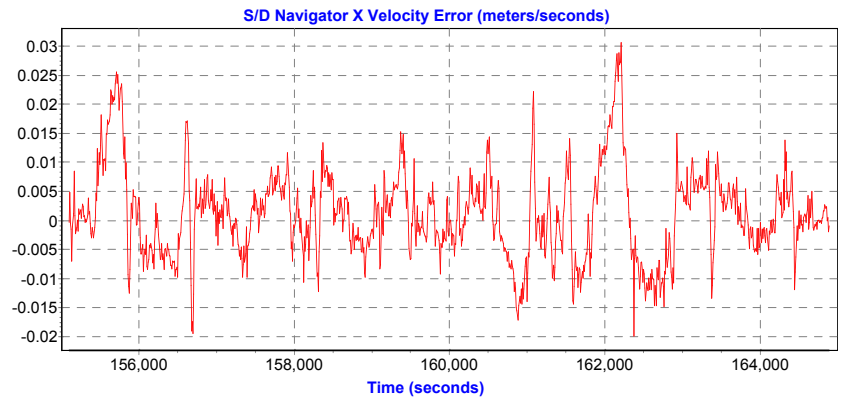
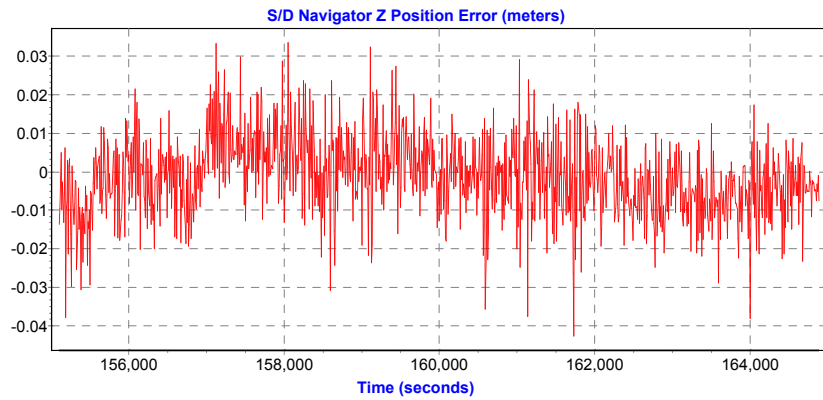
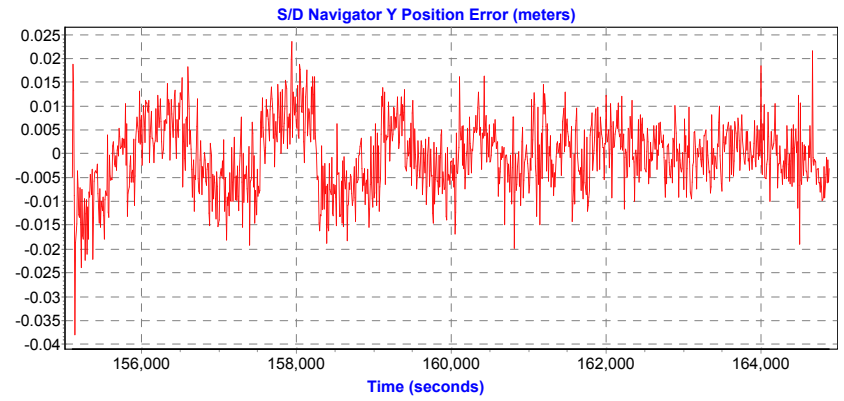
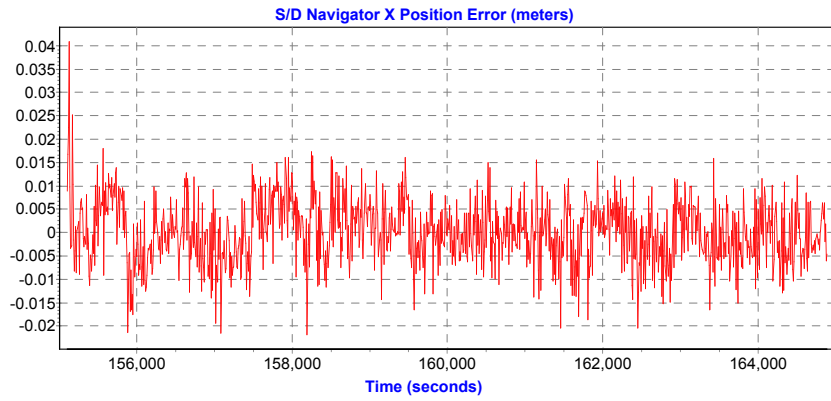


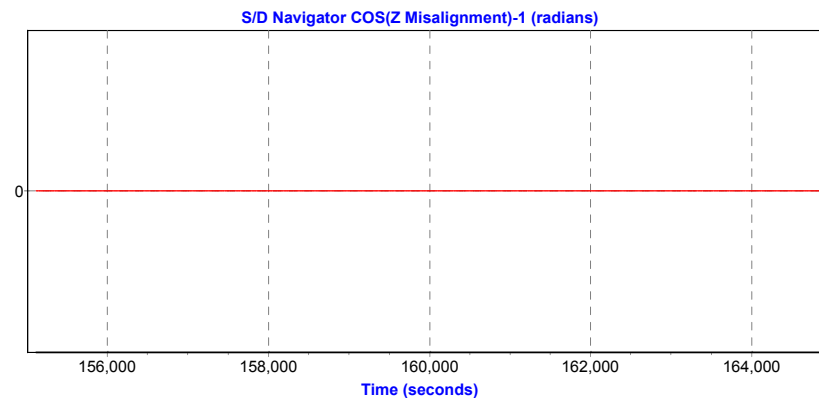
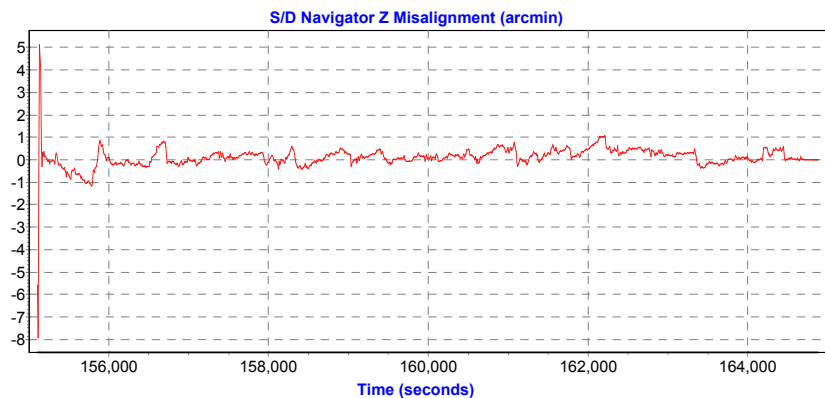
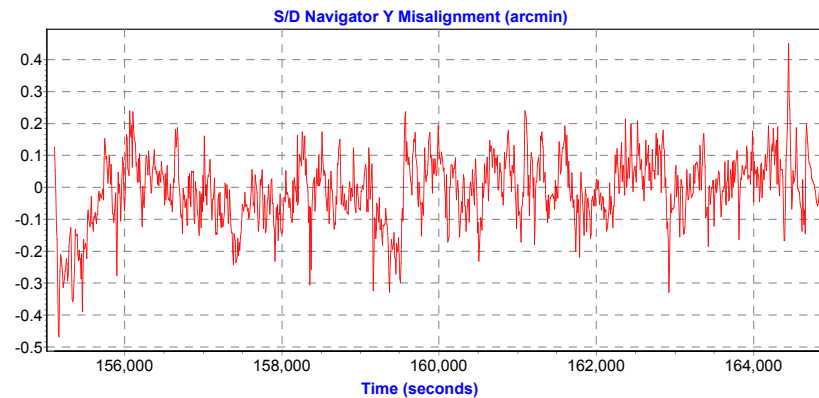
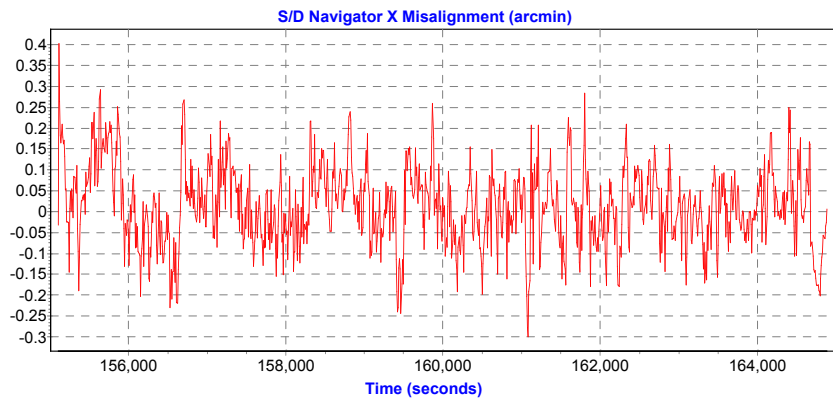
o112093b [Combined] - Number of Satellites Bar Plot

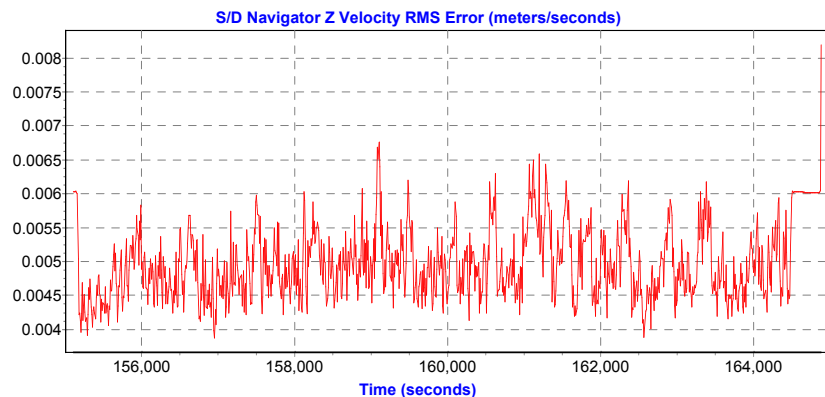
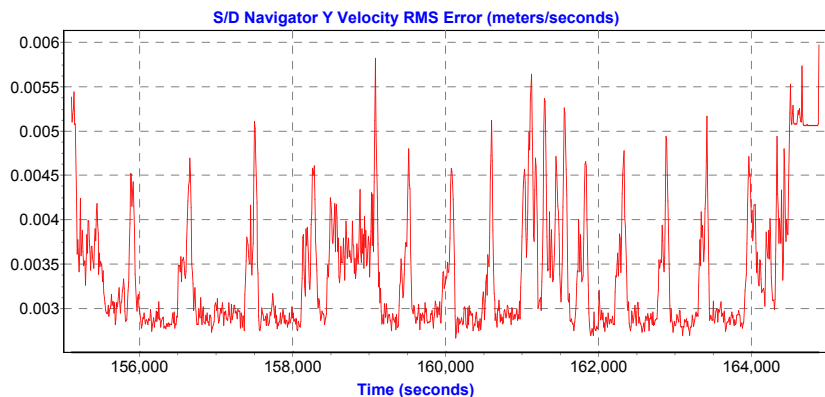
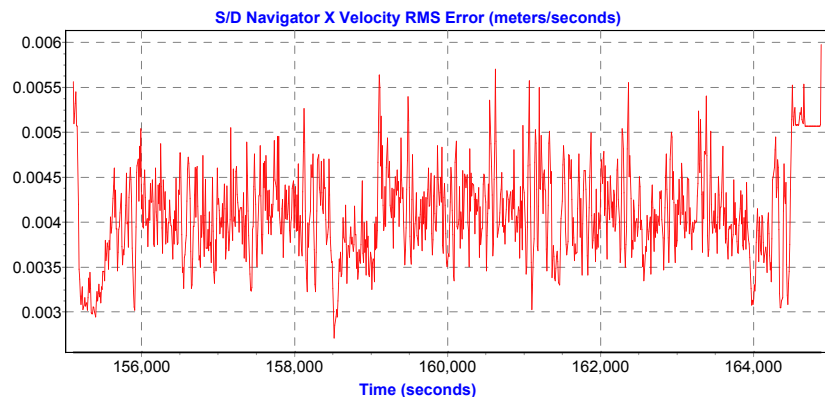
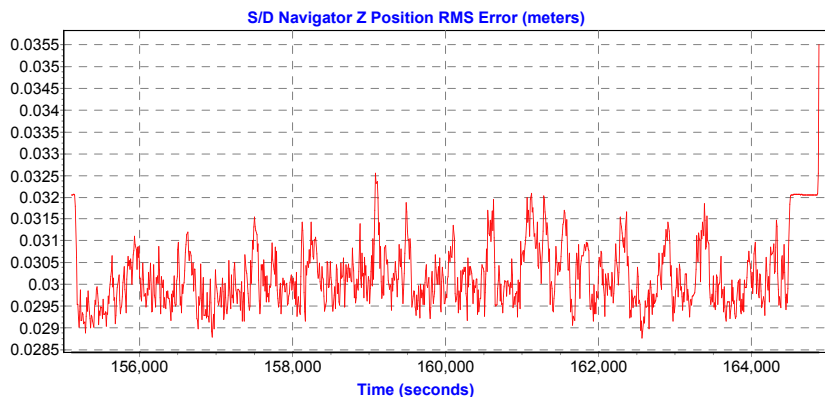
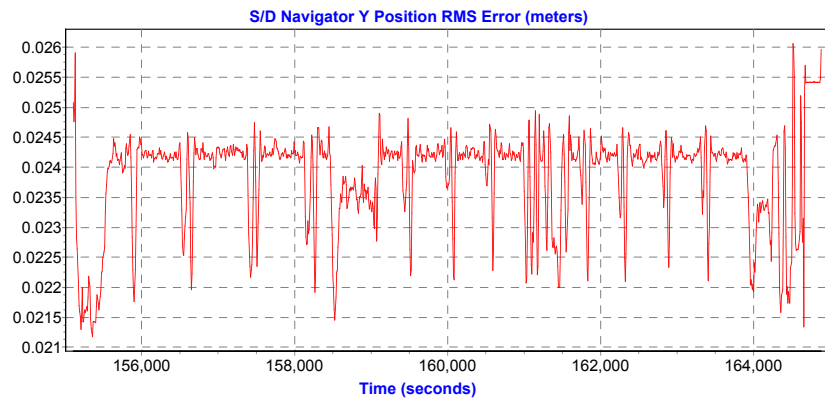
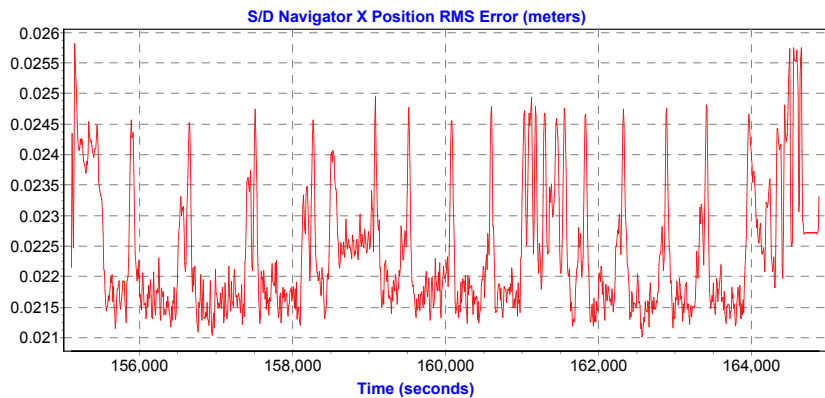


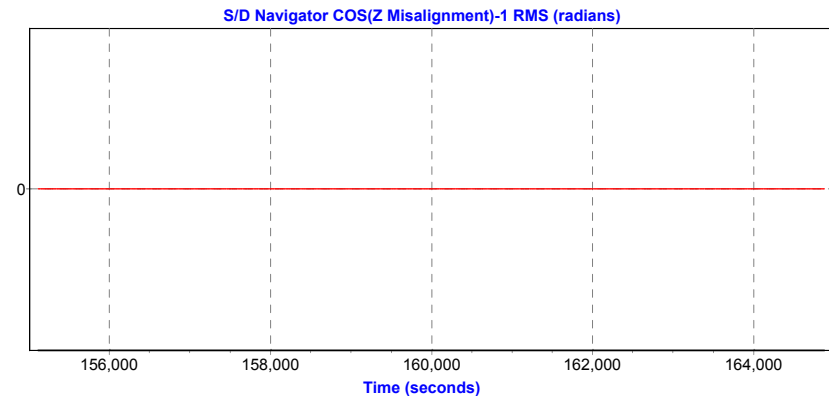
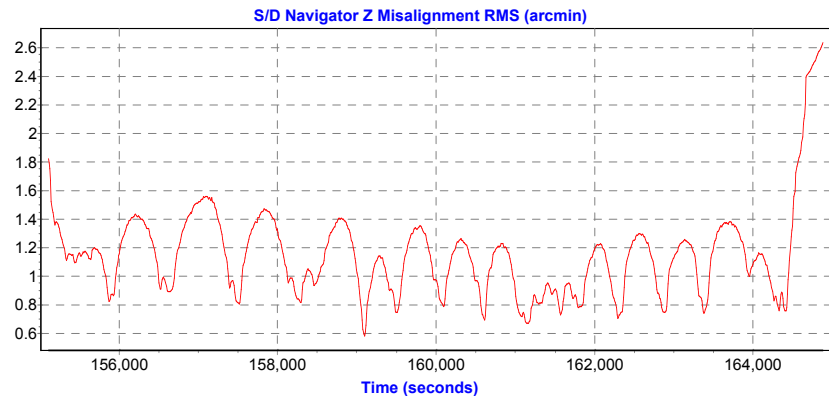
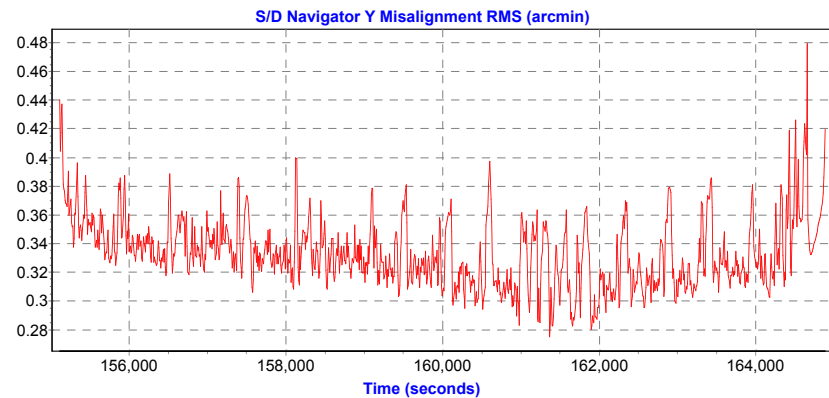
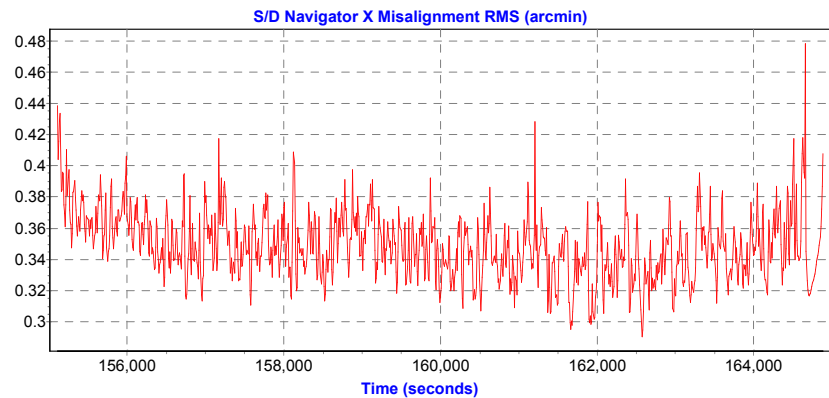
o112093b [Combined] - PDOP, HDOP, VDOP Plots

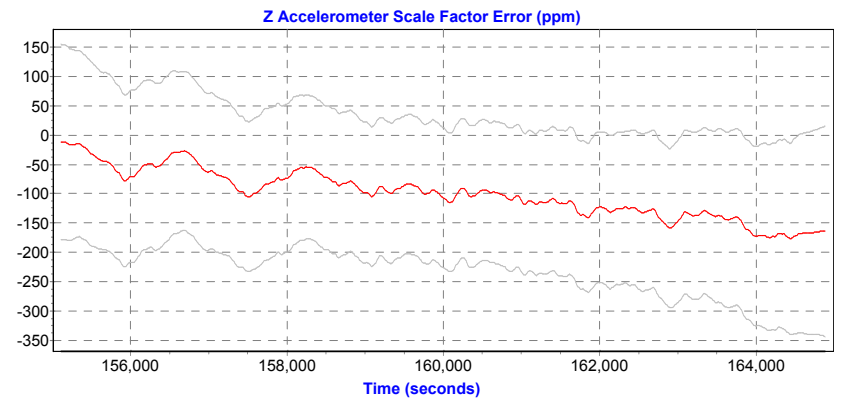
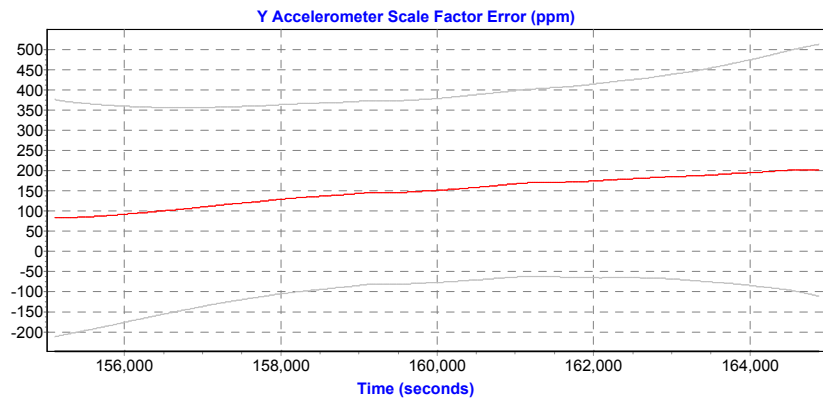
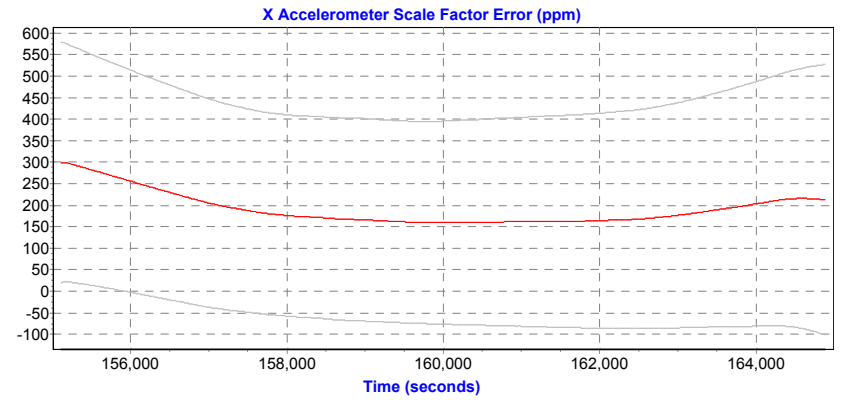
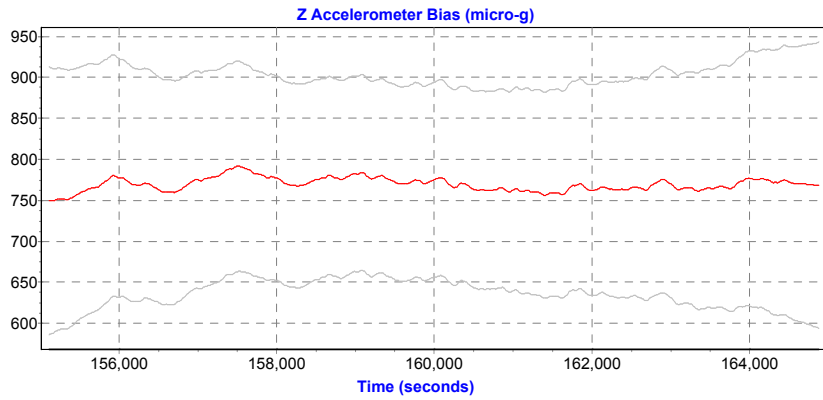
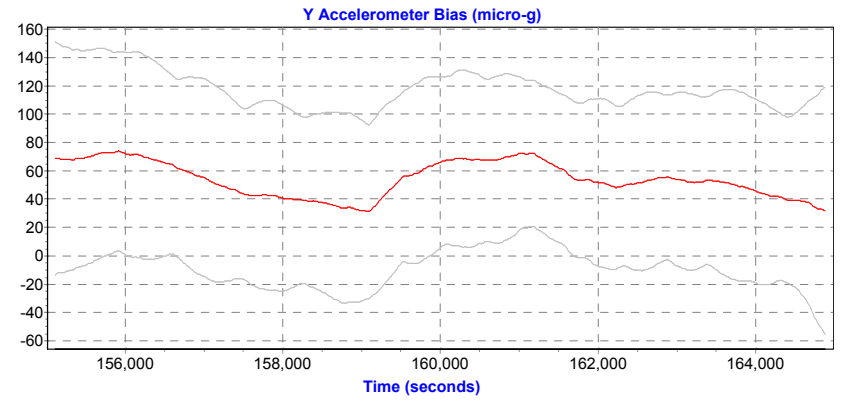
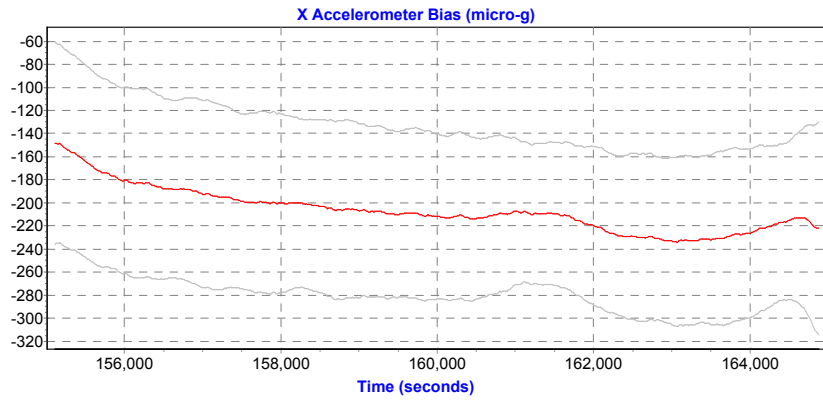


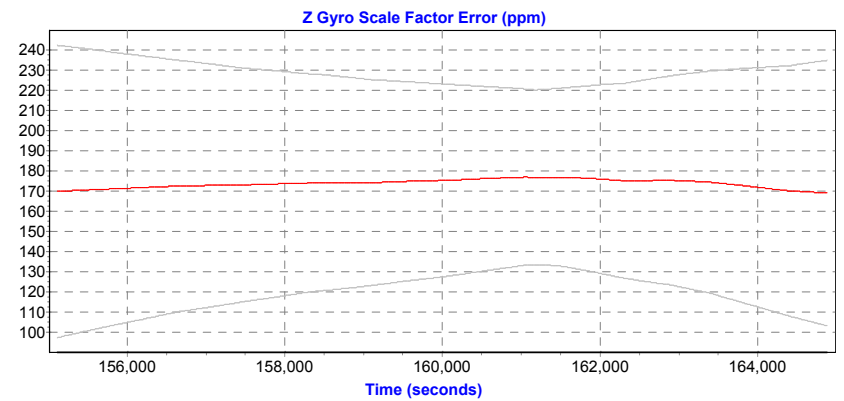
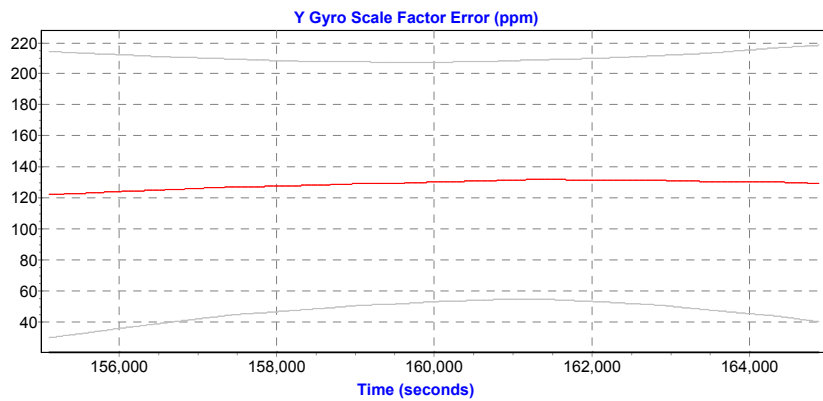
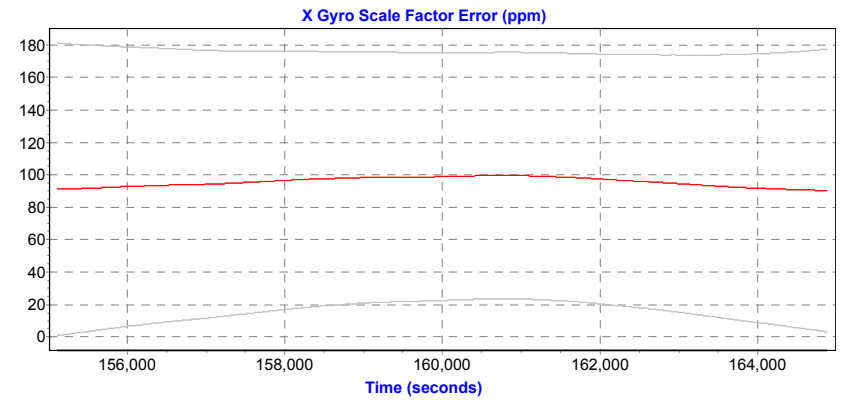
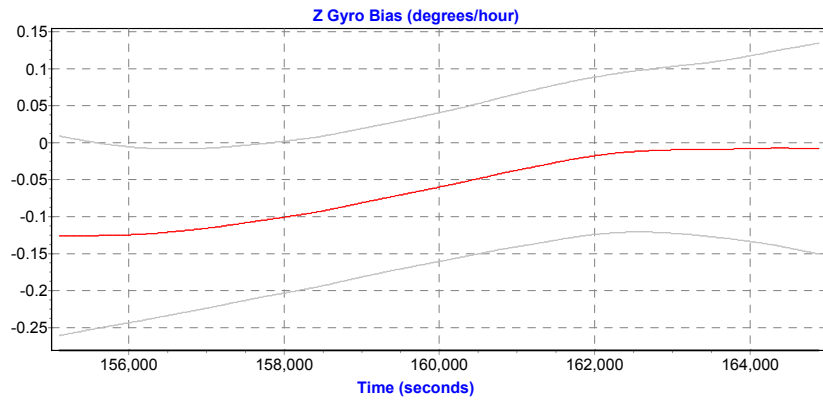
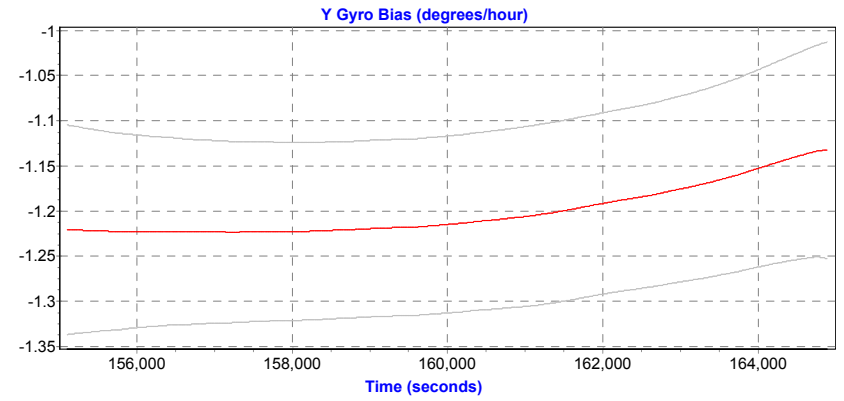
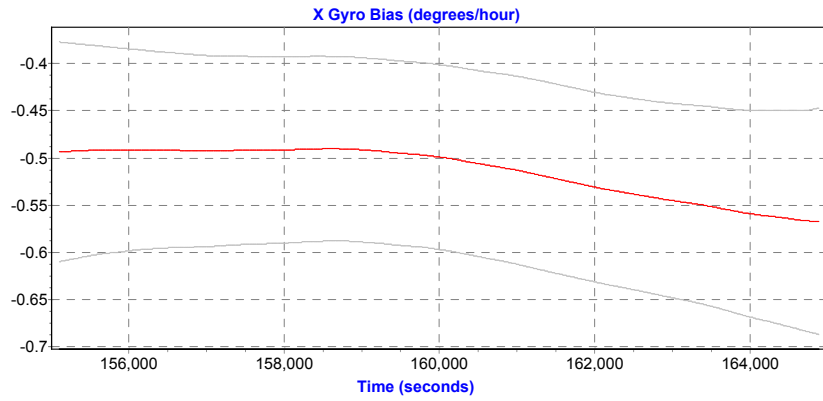






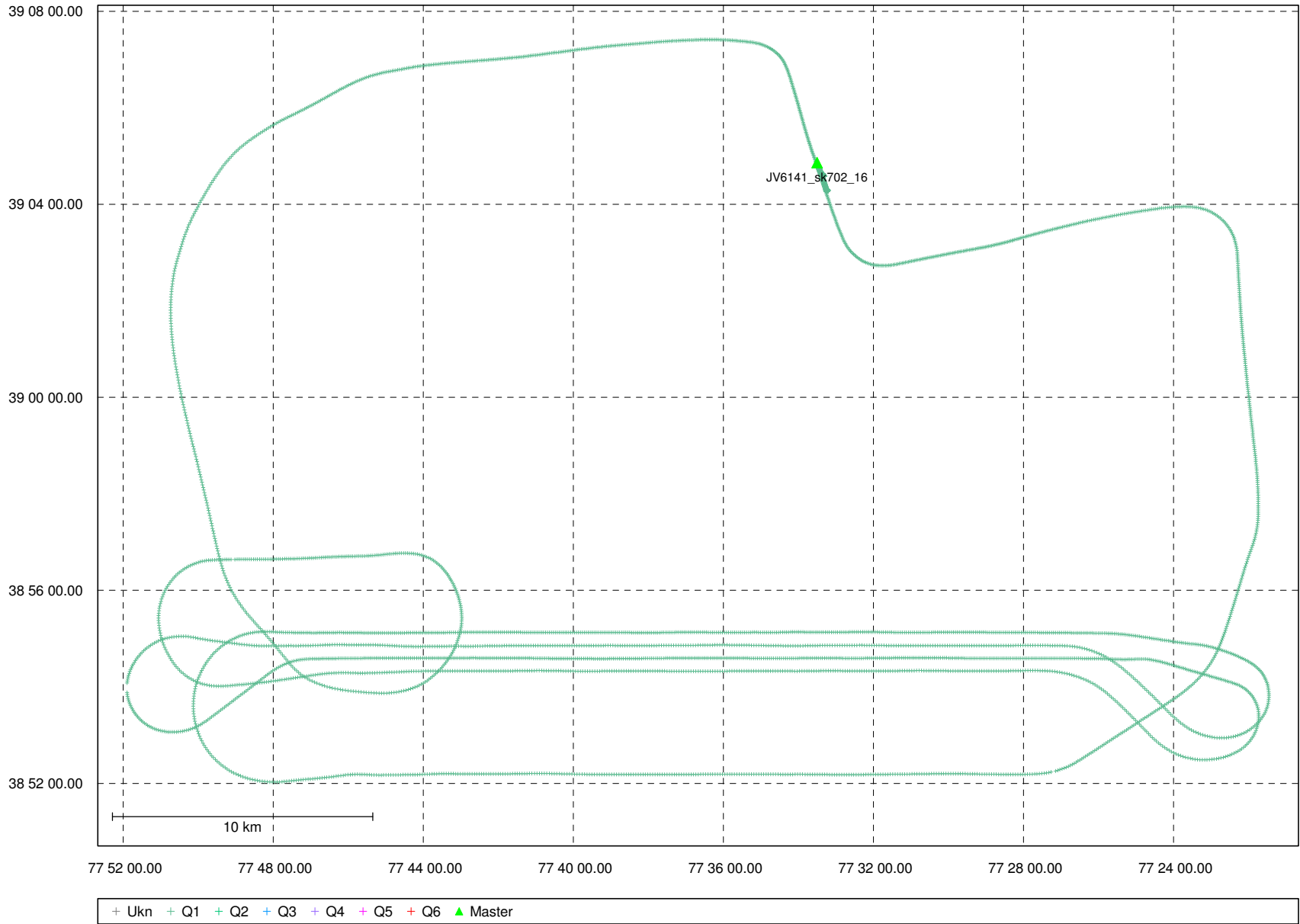






Combined - Map Run (2)

Geographic, DMS



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project:
M:\335_DEW\2_Operations\6_Missions\o112093c\3_Processed\GPS\o112093c.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file: 53257
No processed position: 47946
Missing Fwd or Rev: 3
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:

L1 Phase: 0.0171 (m)
C/A Code: 0.64 (m)
L1 Doppler: 0.026 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.012 (m)
North: 0.010 (m)
Height: 0.017 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (5306 occurrences):

East: 0.012 (m)
North: 0.006 (m)
Height: 0.016 (m)

Quality Number Percentages:

Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:

0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

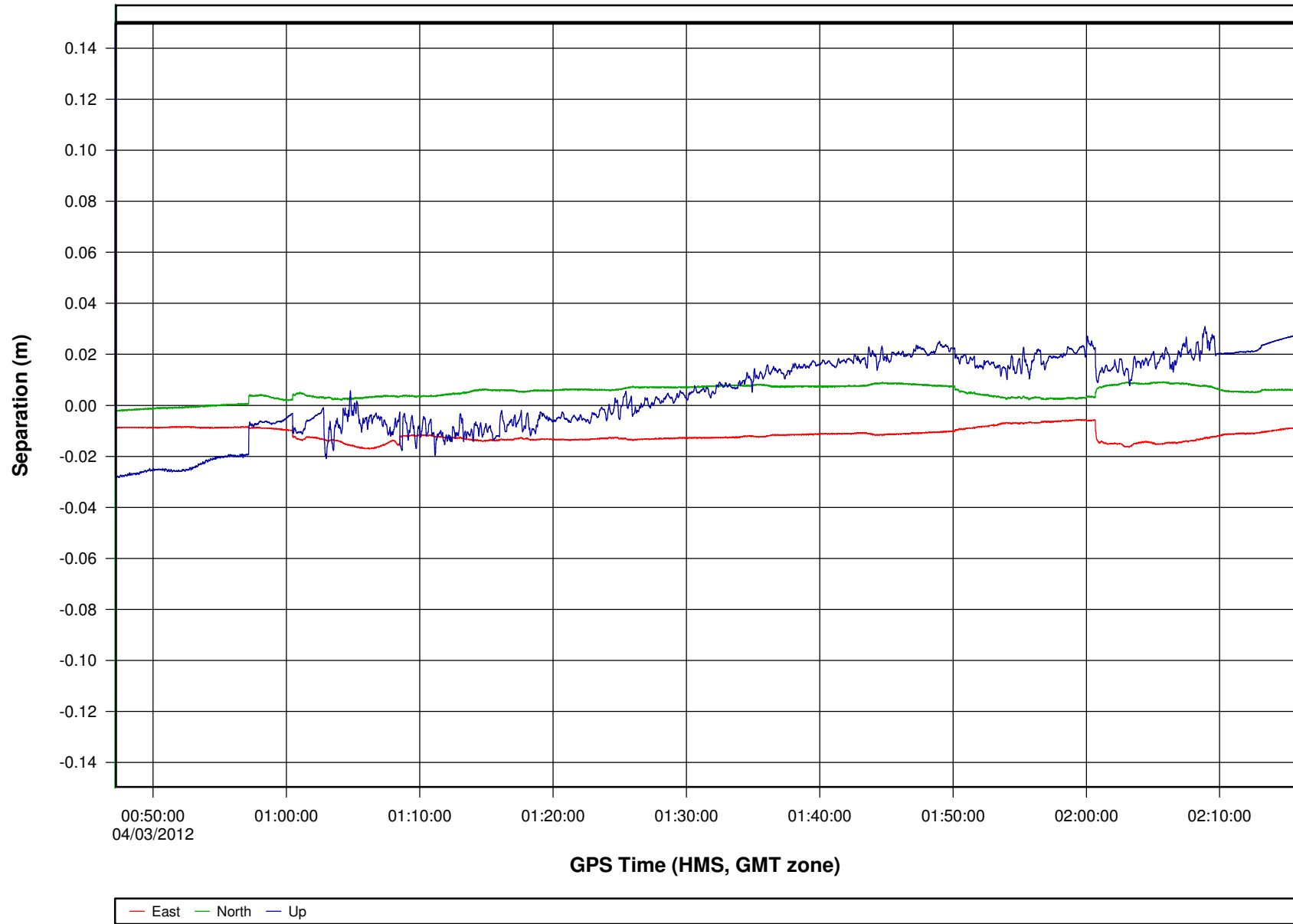
Percentages of epochs with DD_DOP over 10.00:

DOP over Tol: 0.0 %

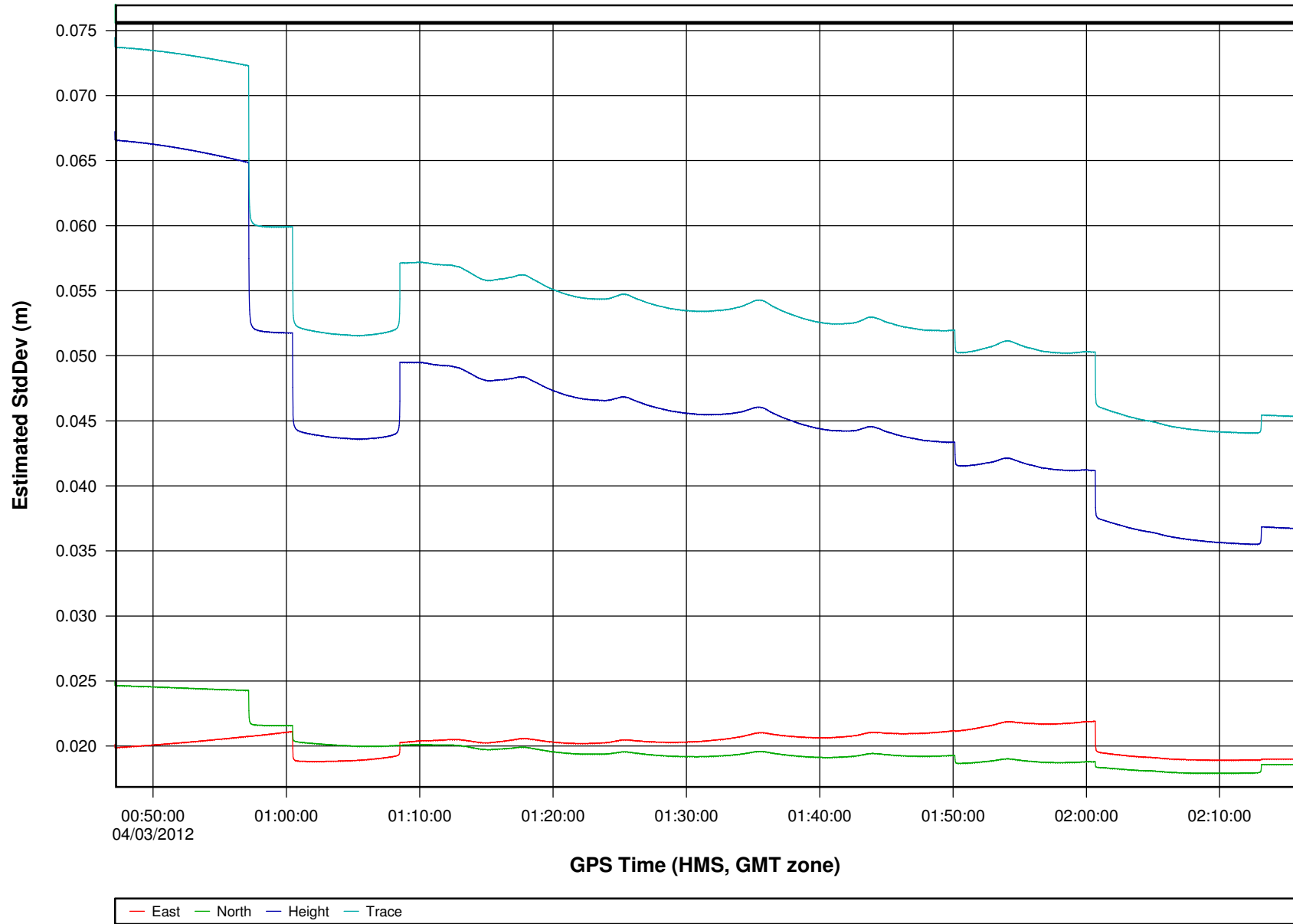
Baseline Distances:

Maximum: 33.717 (km)
Minimum: 0.046 (km)
Average: 16.294 (km)
First Epoch: 0.596 (km)
Last Epoch: 0.515 (km)

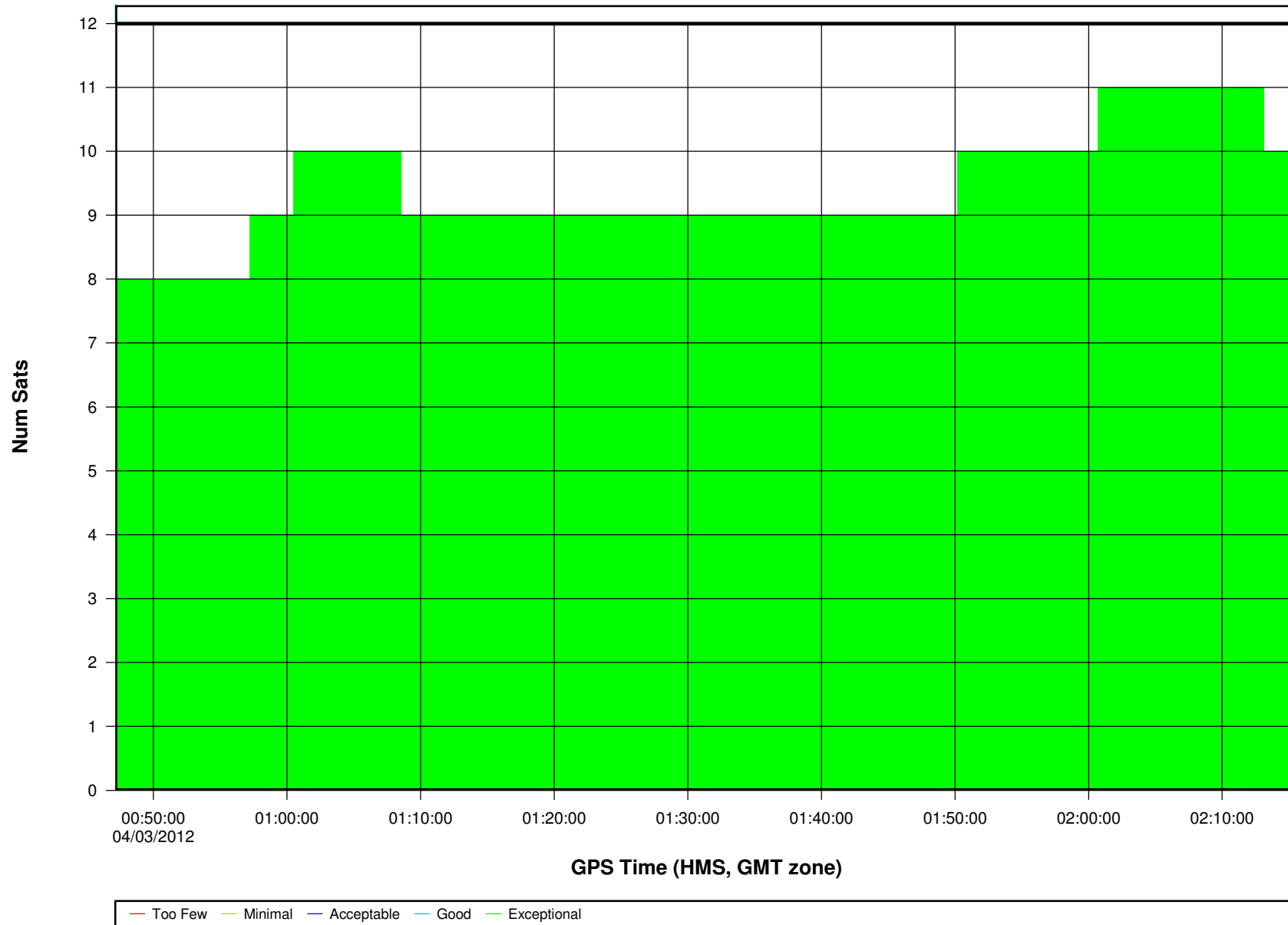
o112093c [Combined] - Forward/Reverse or Combined Separation Plot



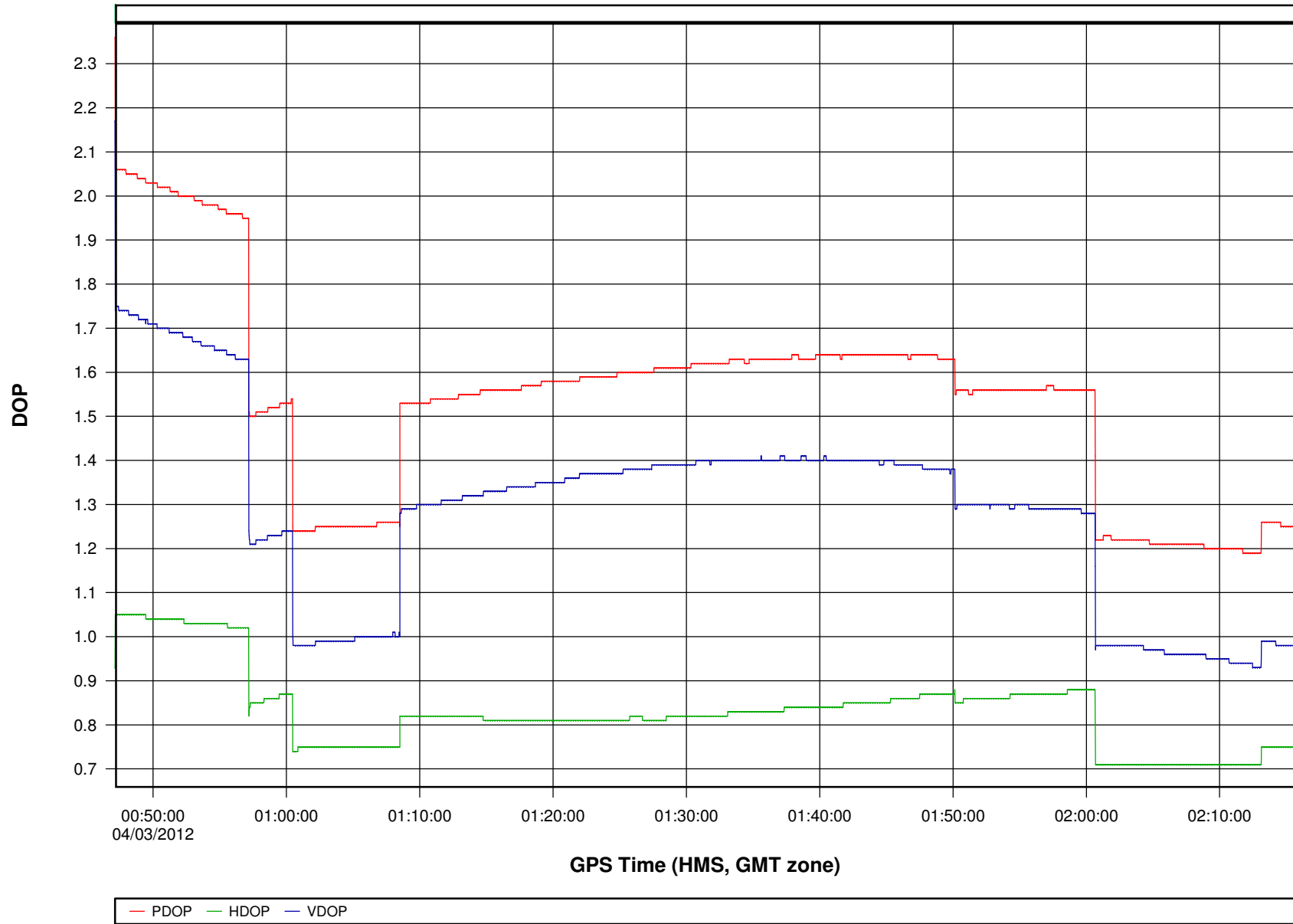
o112093c [Combined] - Estimated Position Accuracy Plot

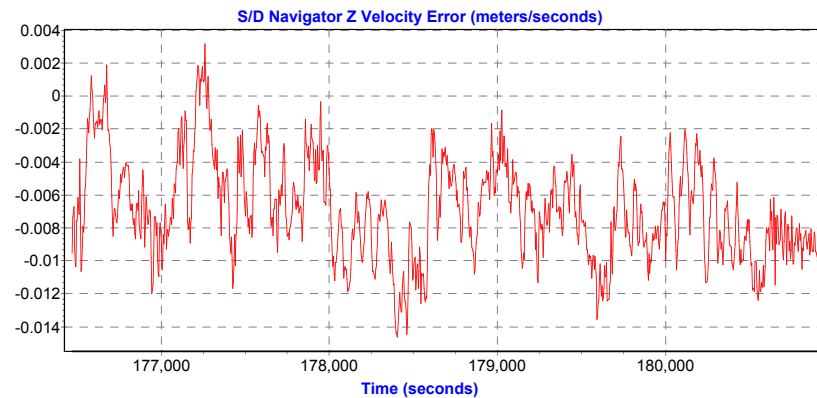
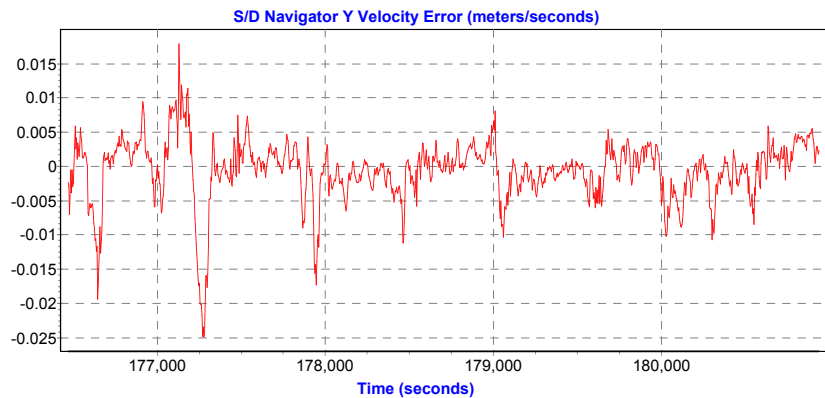
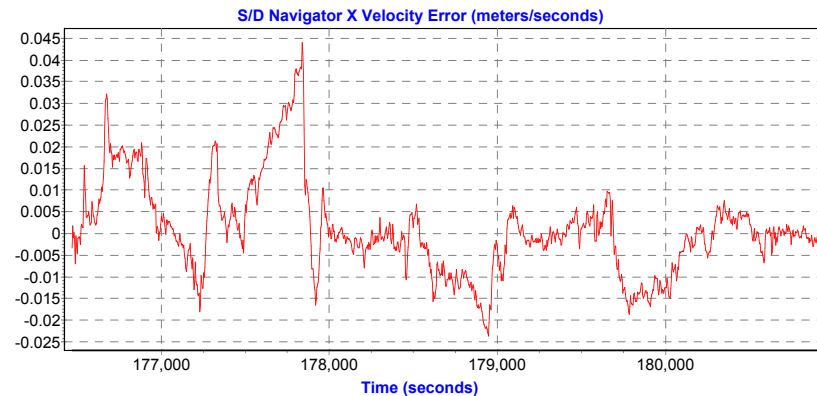
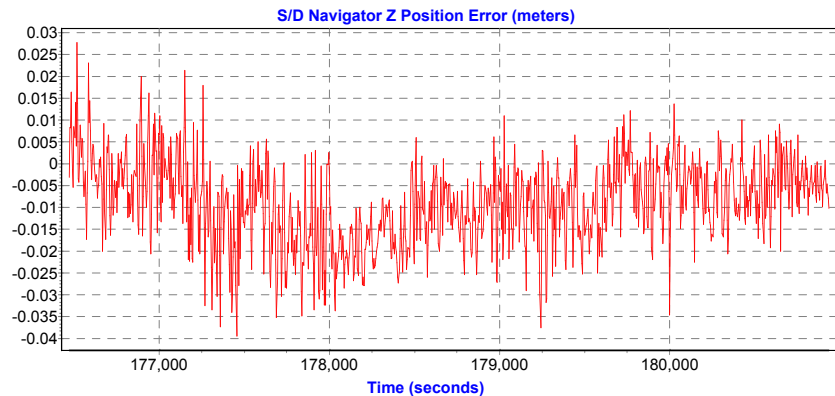
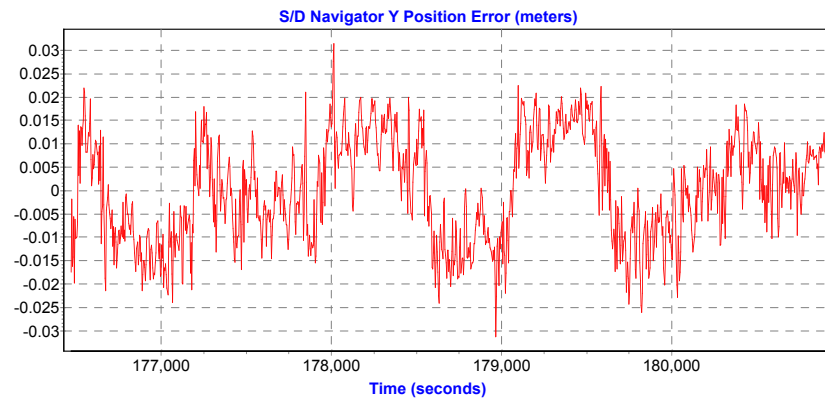
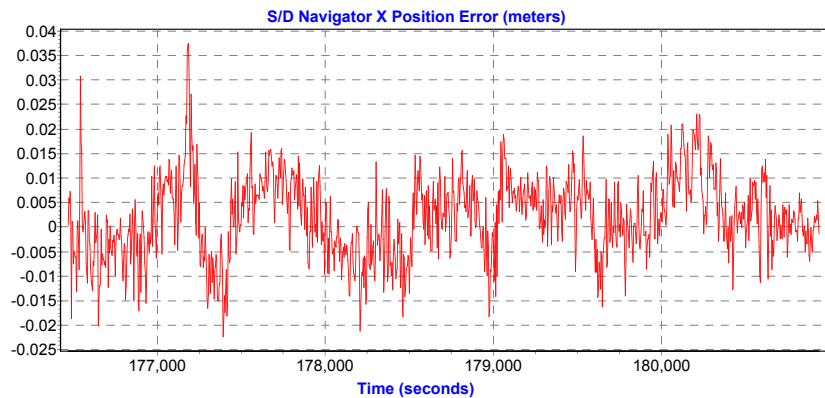


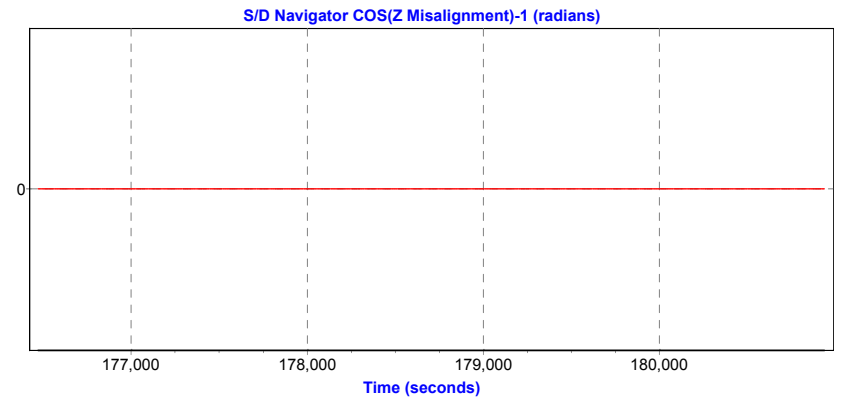
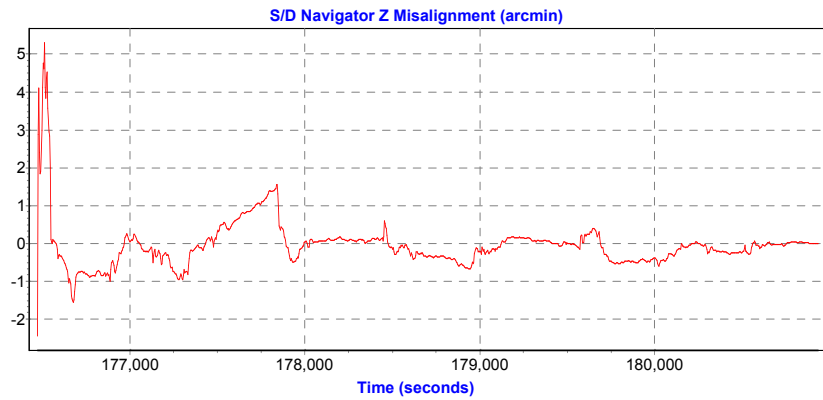
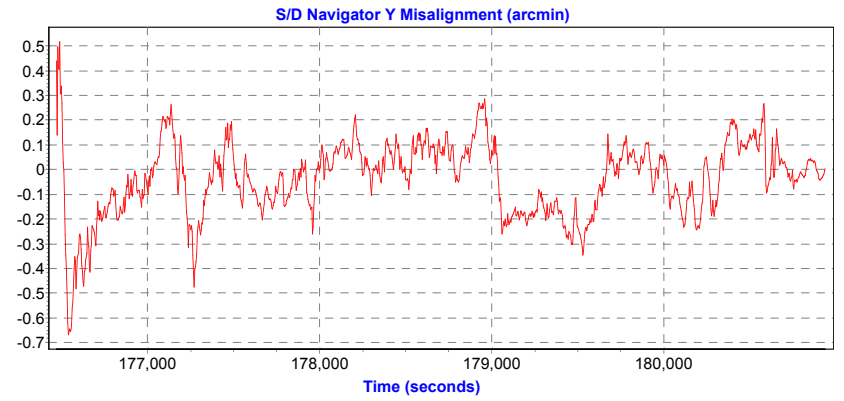
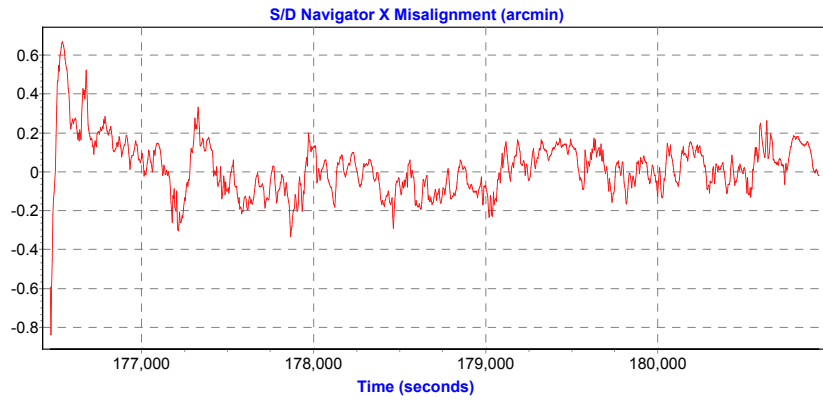
o112093c [Combined] - Number of Satellites Bar Plot

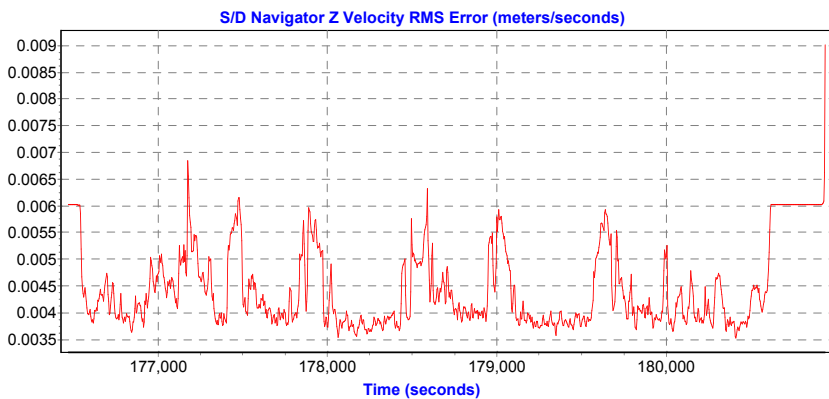
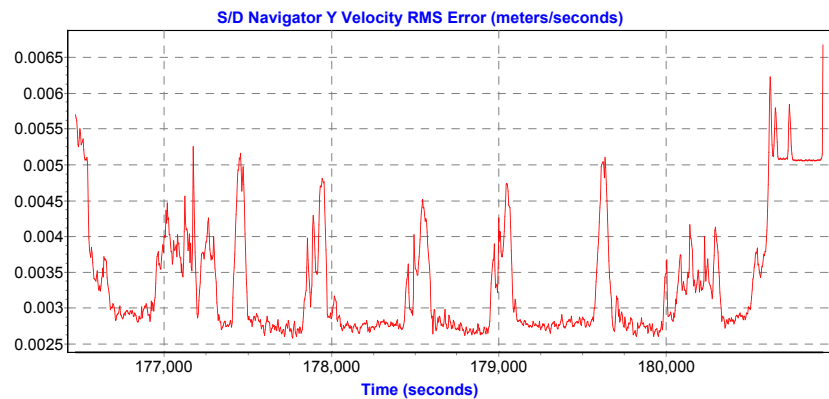
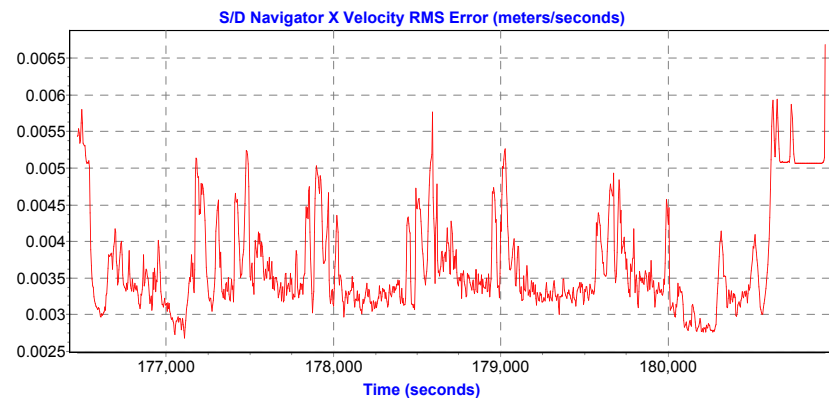
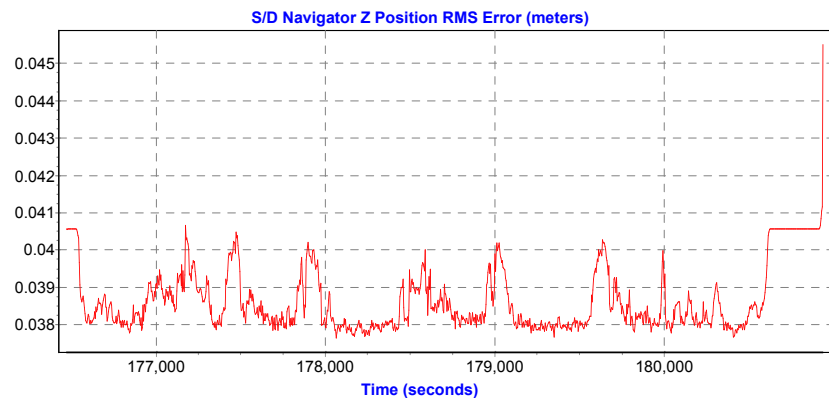
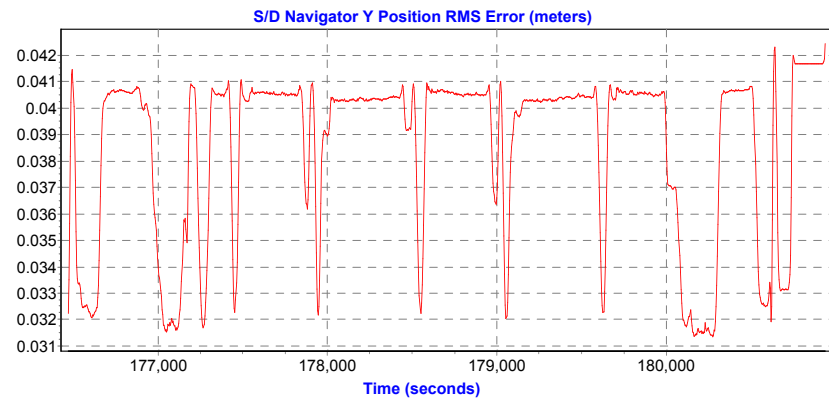
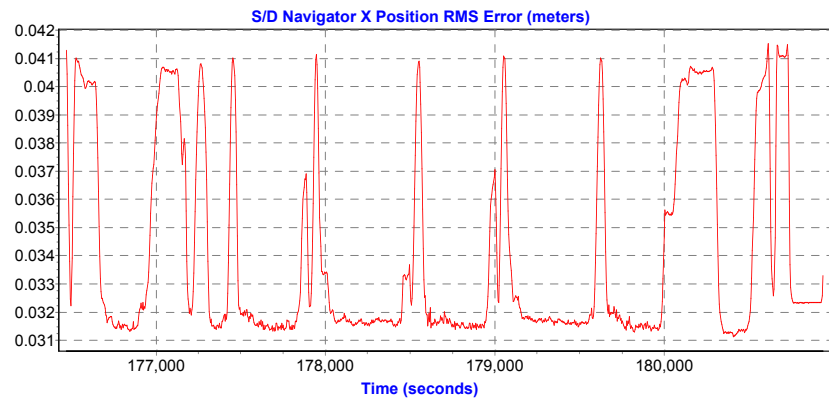


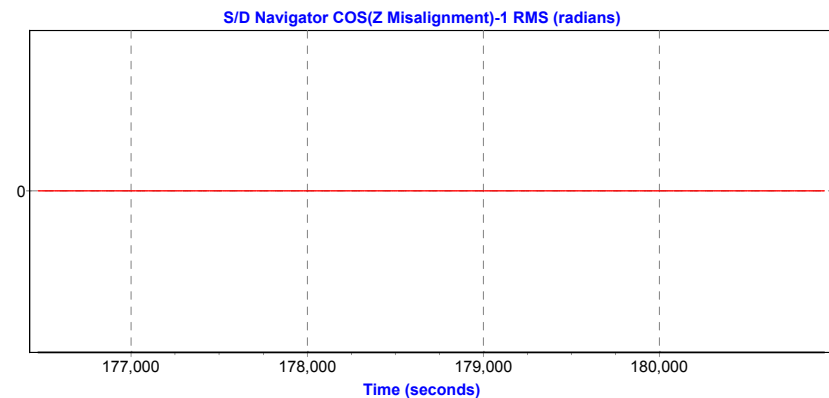
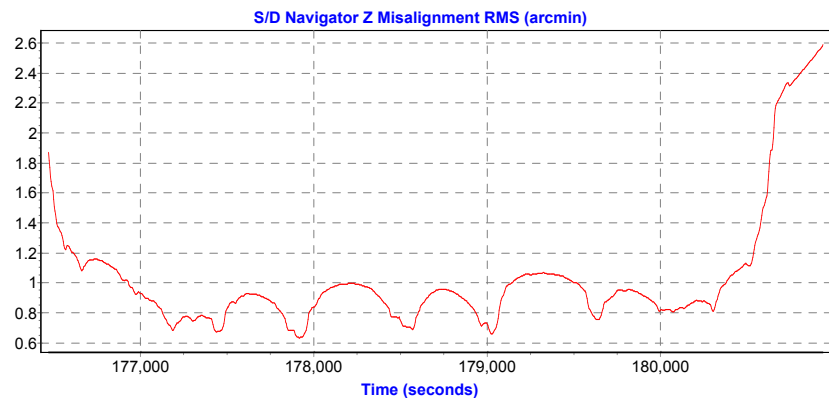
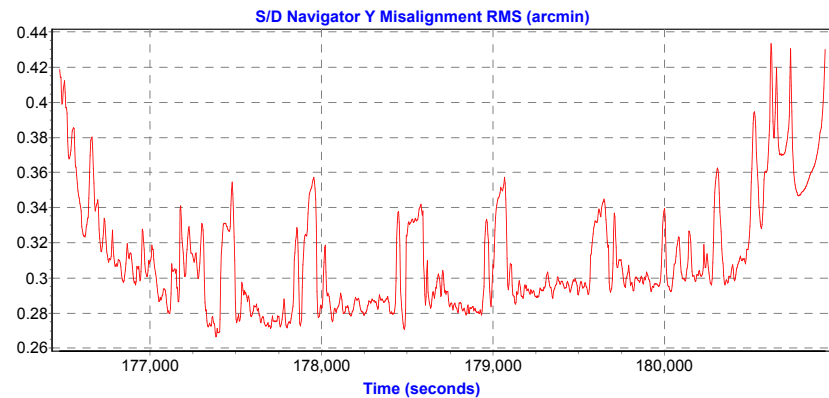
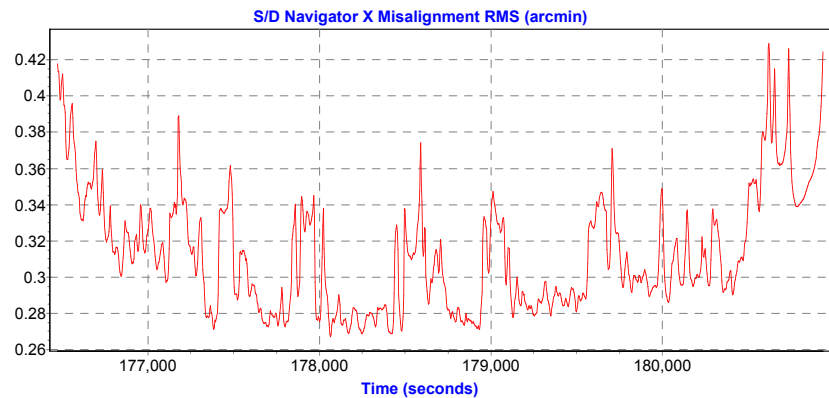
o112093c [Combined] - PDOP, HDOP, VDOP Plots

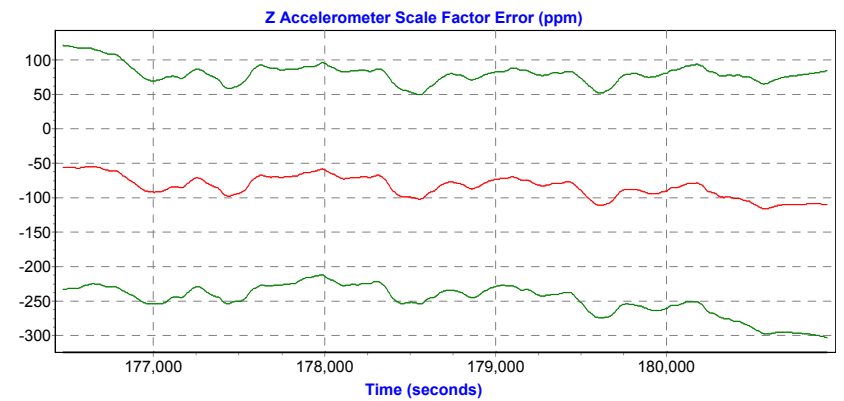
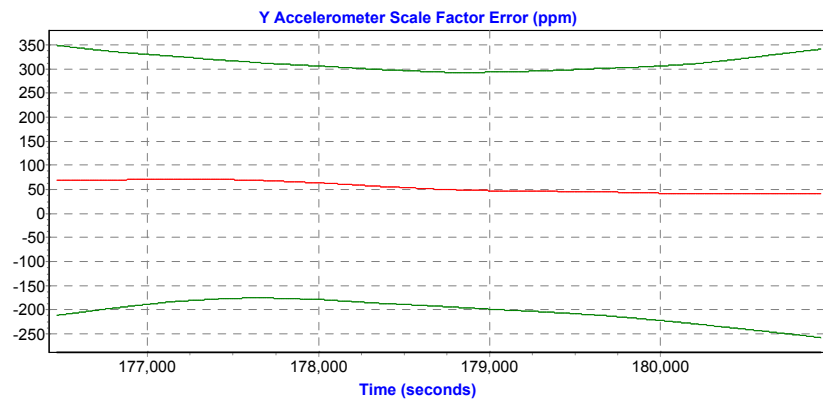
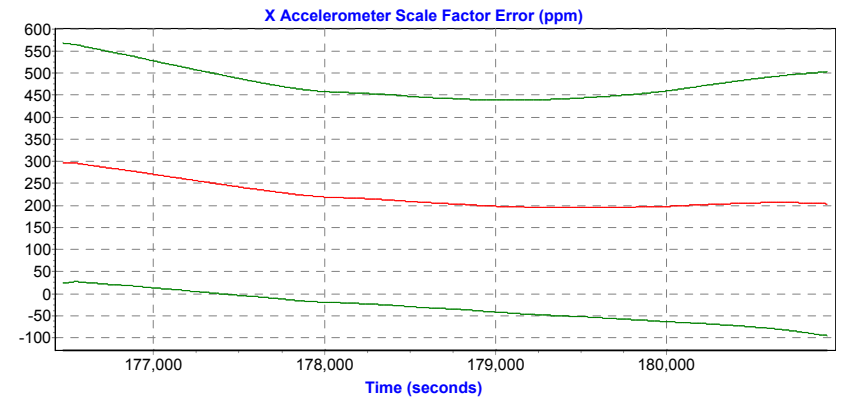
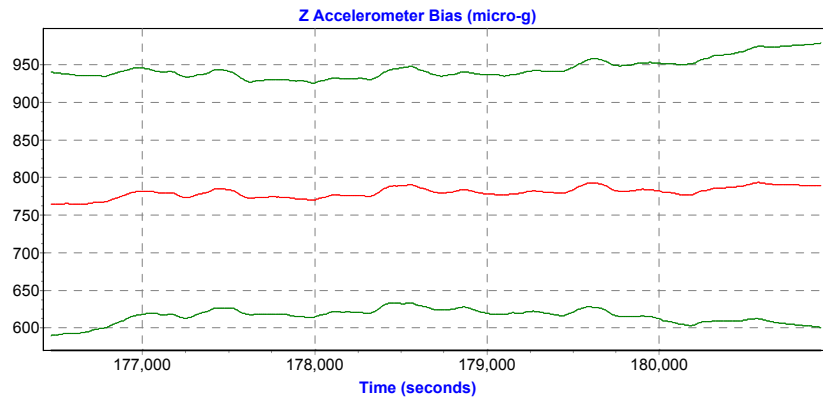
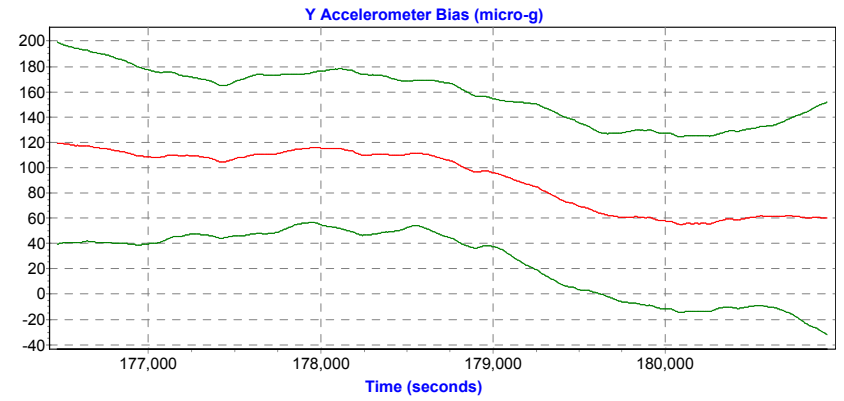
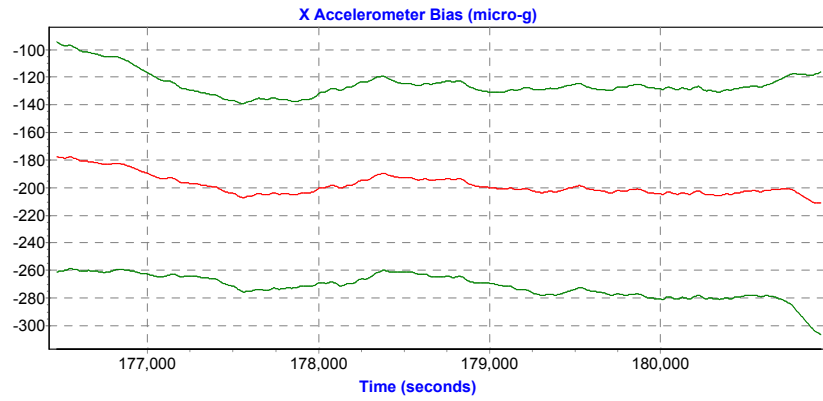


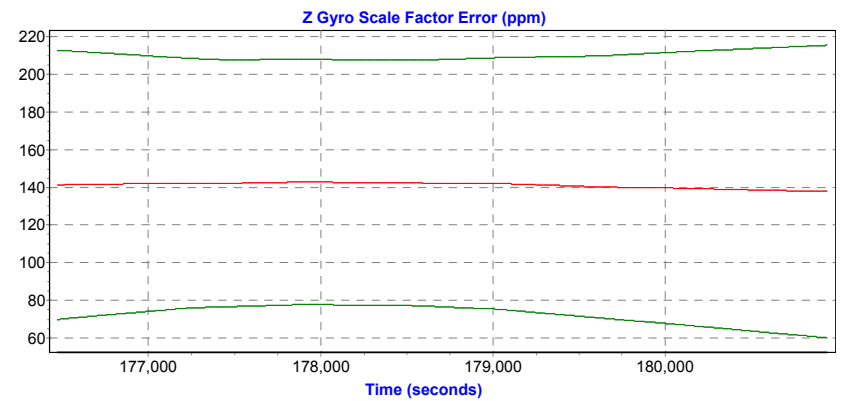
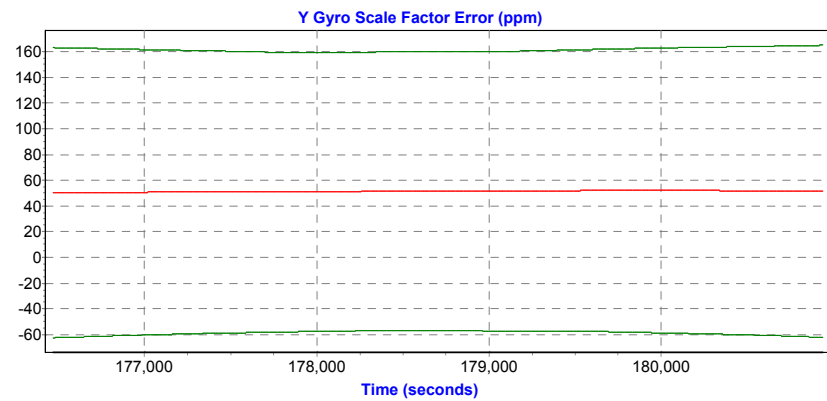
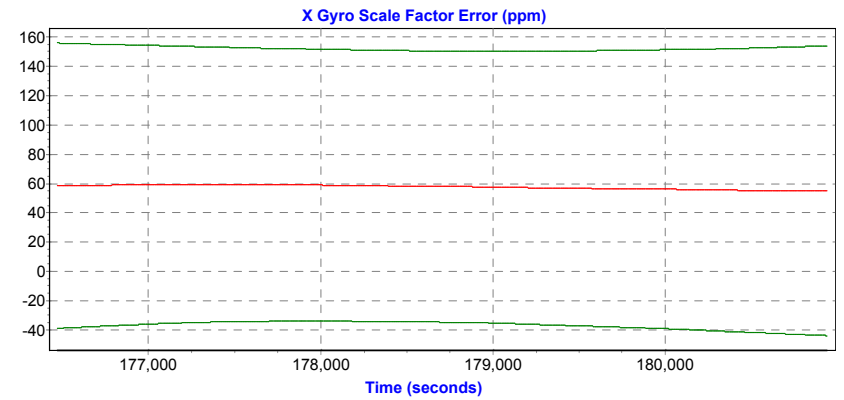
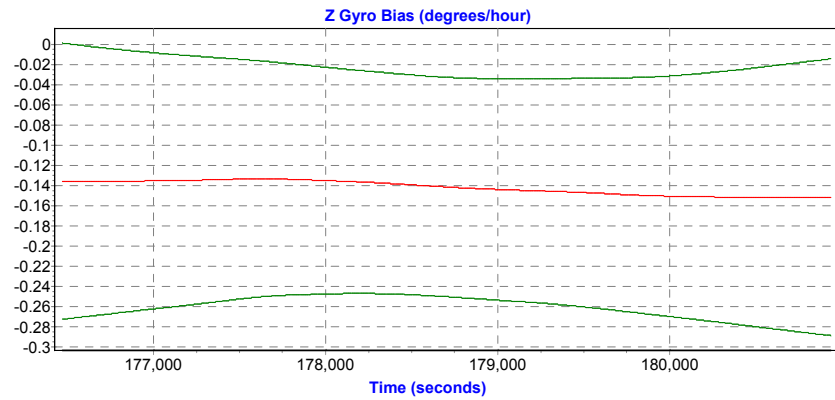
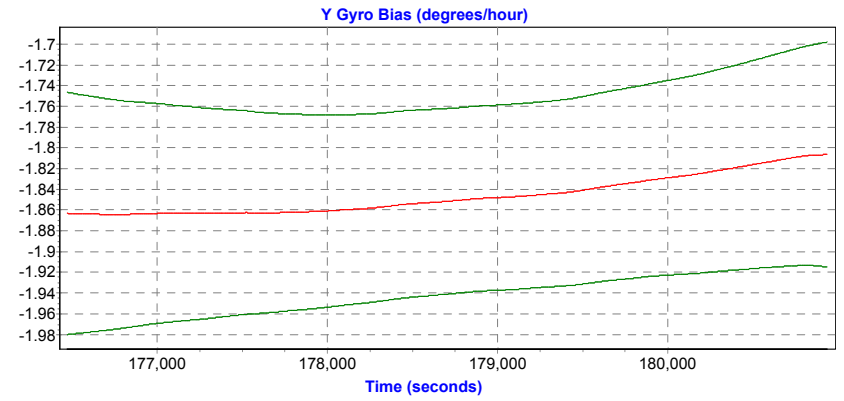
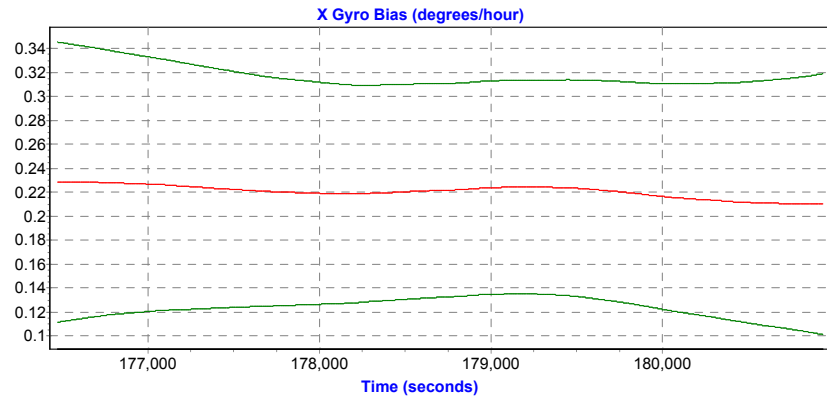






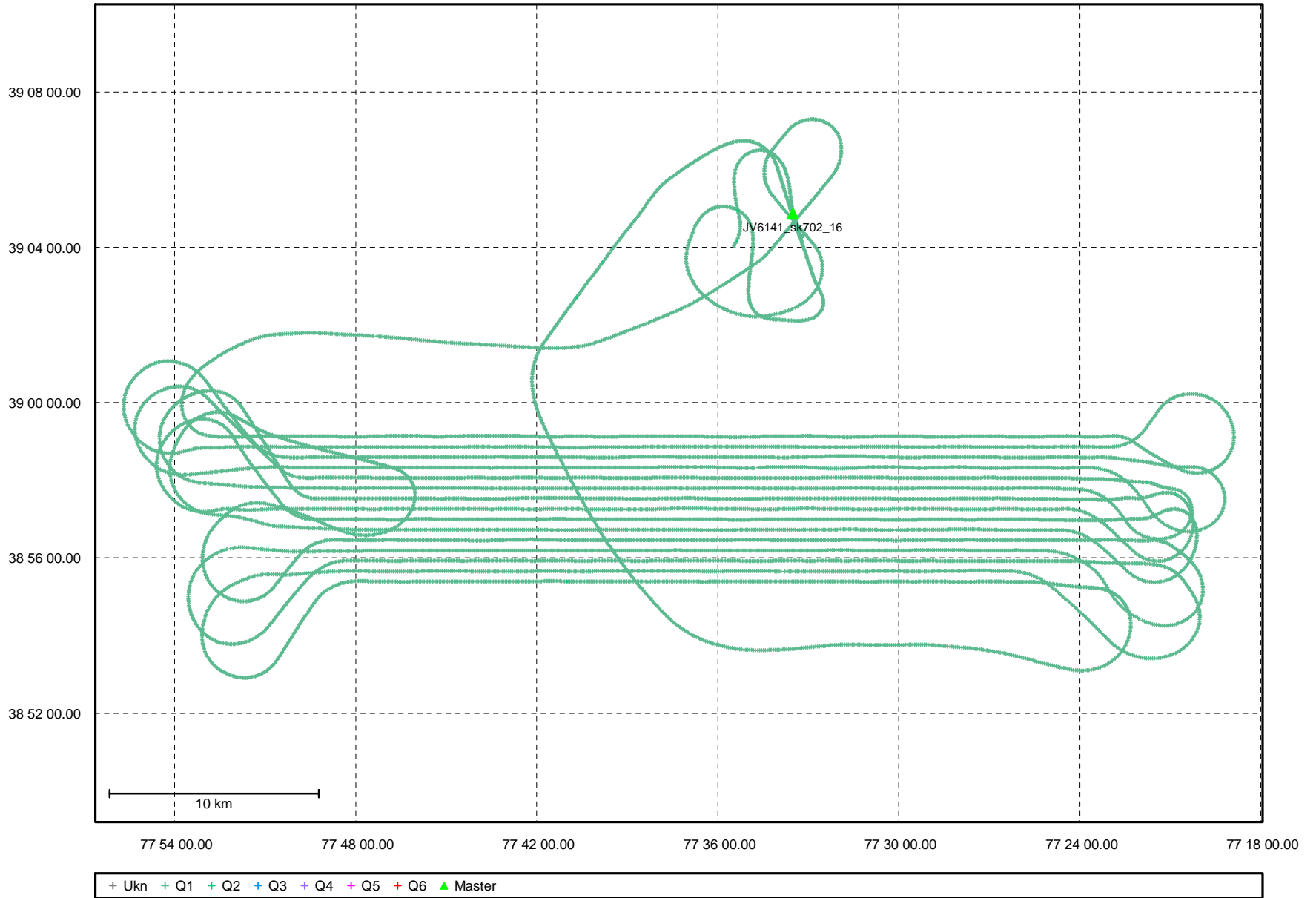




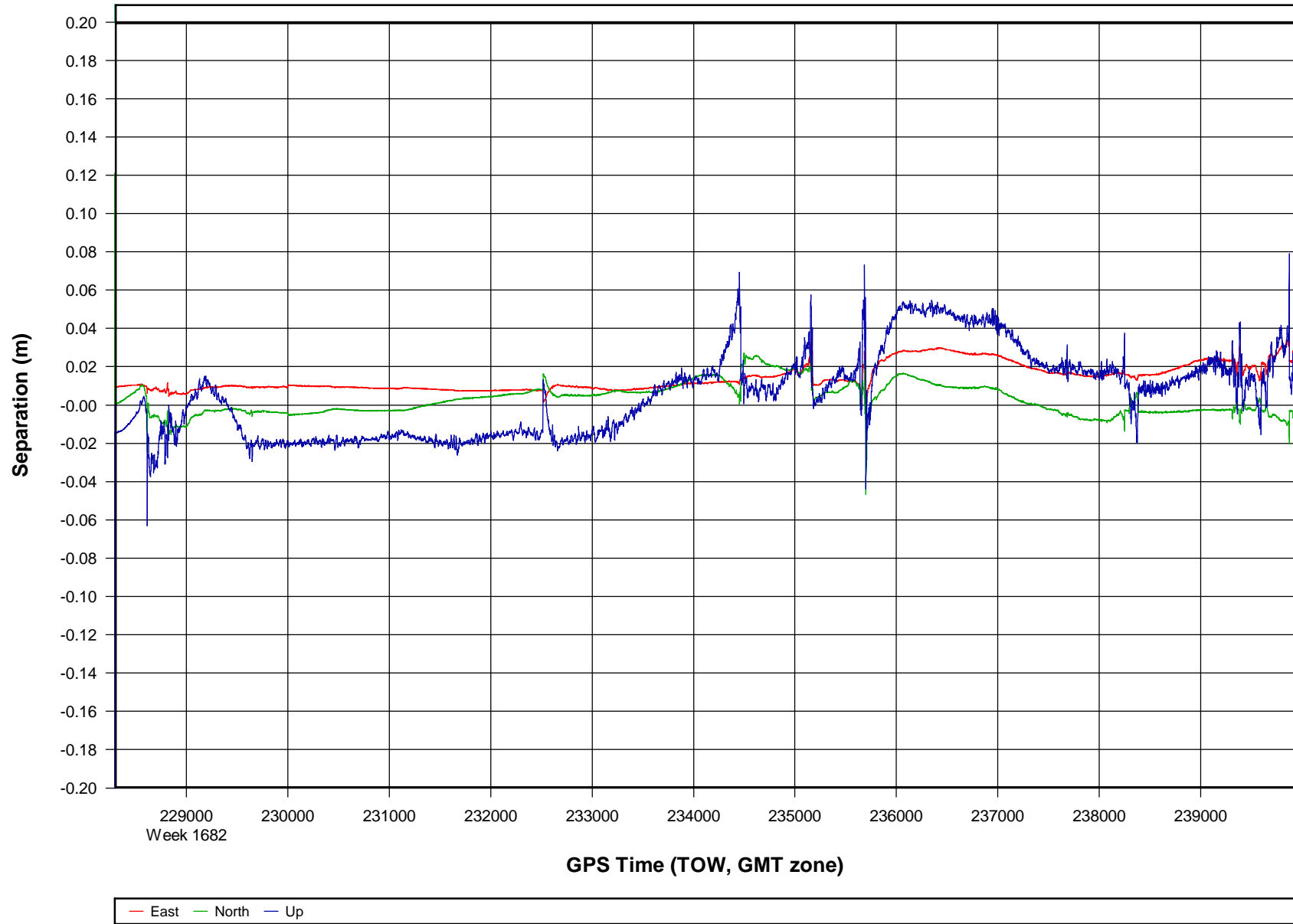


Combined - Map Run (11)

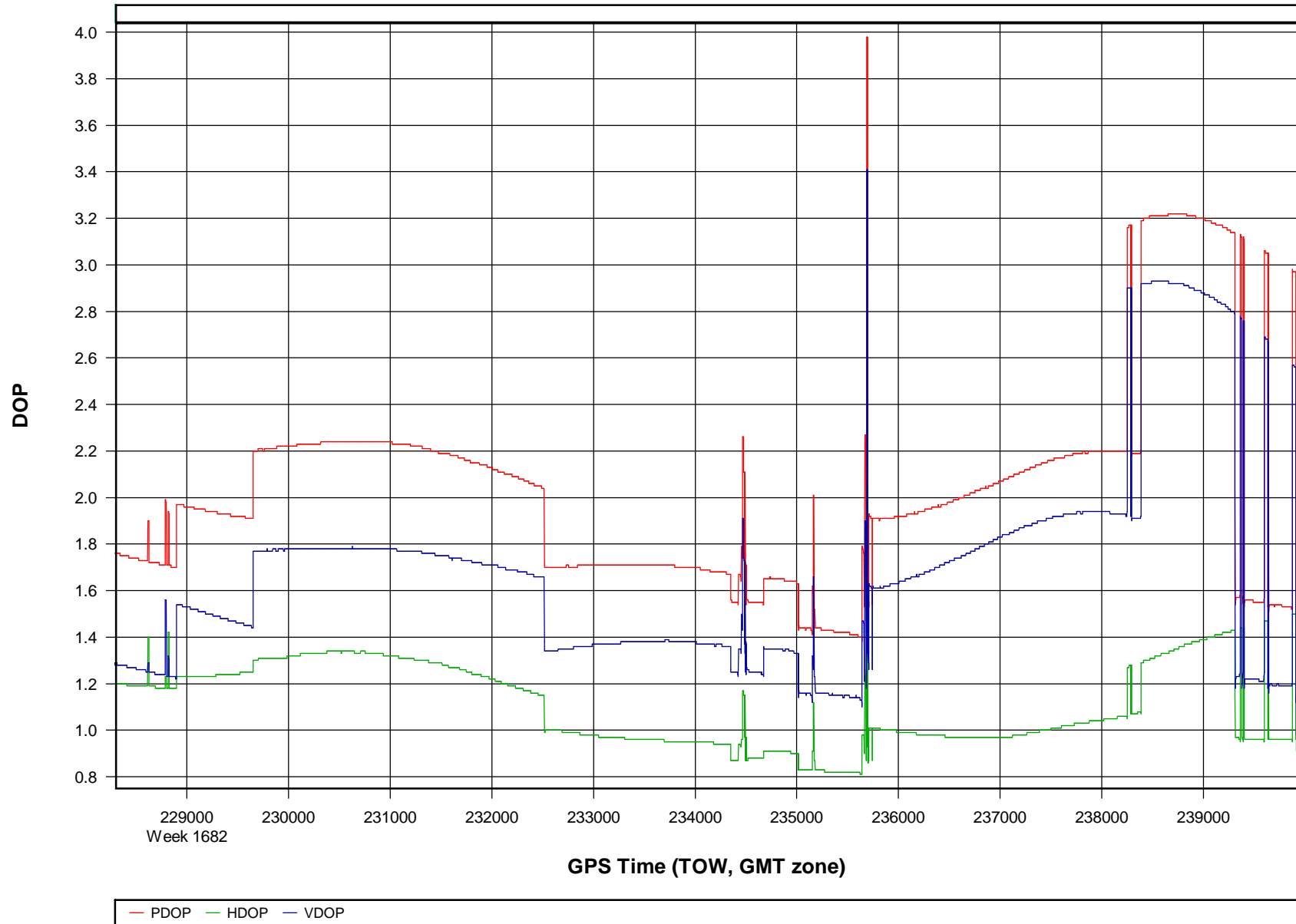
Geographic, DMS



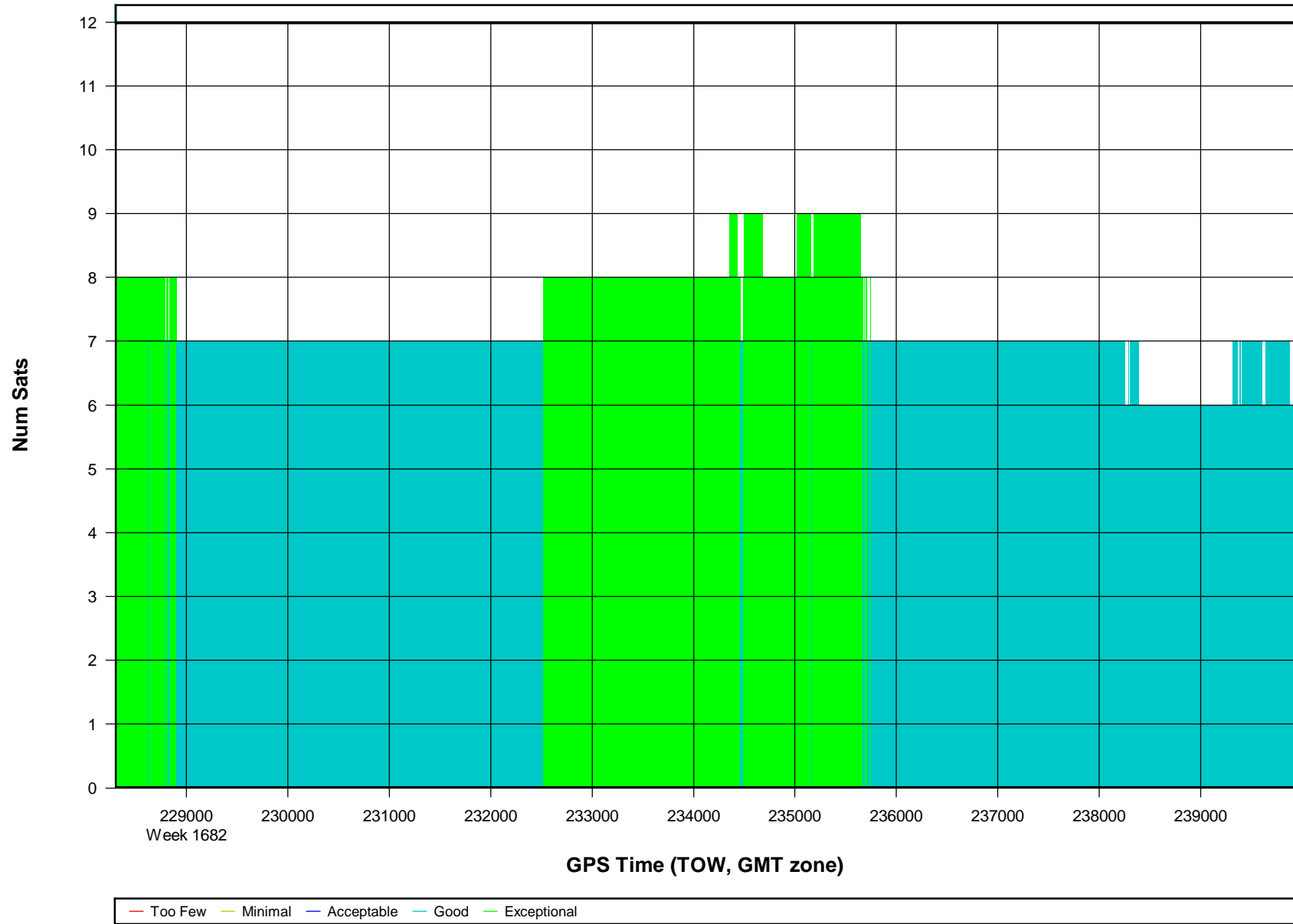
o112094a [Combined] - Forward/Reverse or Combined Separation Plot



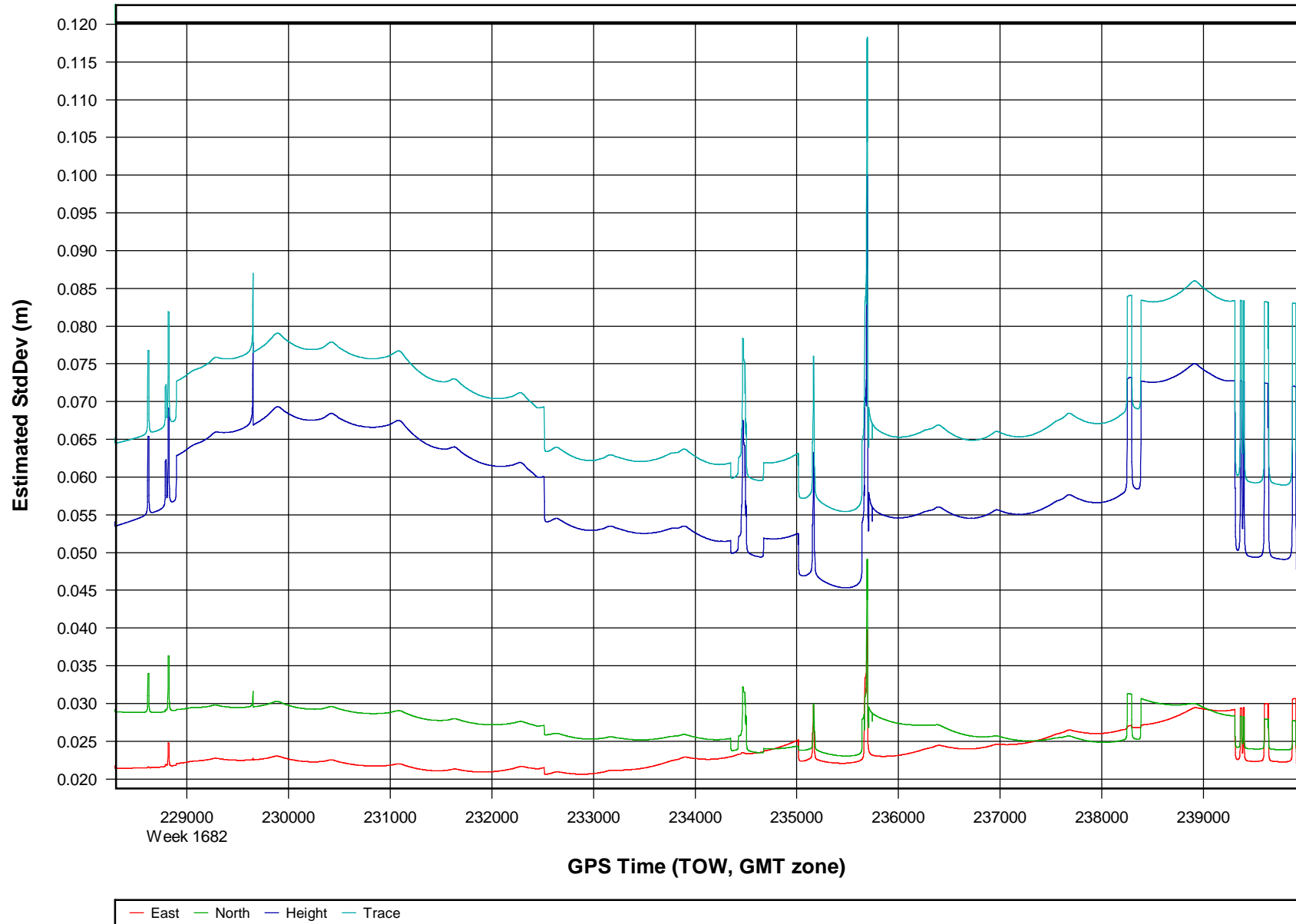
o112094a [Combined] - PDOP, HDOP, VDOP Plots



o112094a [Combined] - Number of Satellites Bar Plot



o112094a [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: POSGNSS
Version: 4.40.2710
Project: G:\o112094a\3_Processed\GPS\o112094a.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:
Total in GPB file: 125084
No processed position: 113459
Missing Fwd or Rev: 4
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:
L1 Phase: 0.0132 (m)
C/A Code: 0.70 (m)
L1 Doppler: 0.025 (m/s)

Fwd/Rev Separation RMS Values:
East: 0.016 (m)
North: 0.009 (m)
Height: 0.023 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (11618 occurrences):
East: 0.016 (m)
North: 0.009 (m)
Height: 0.023 (m)

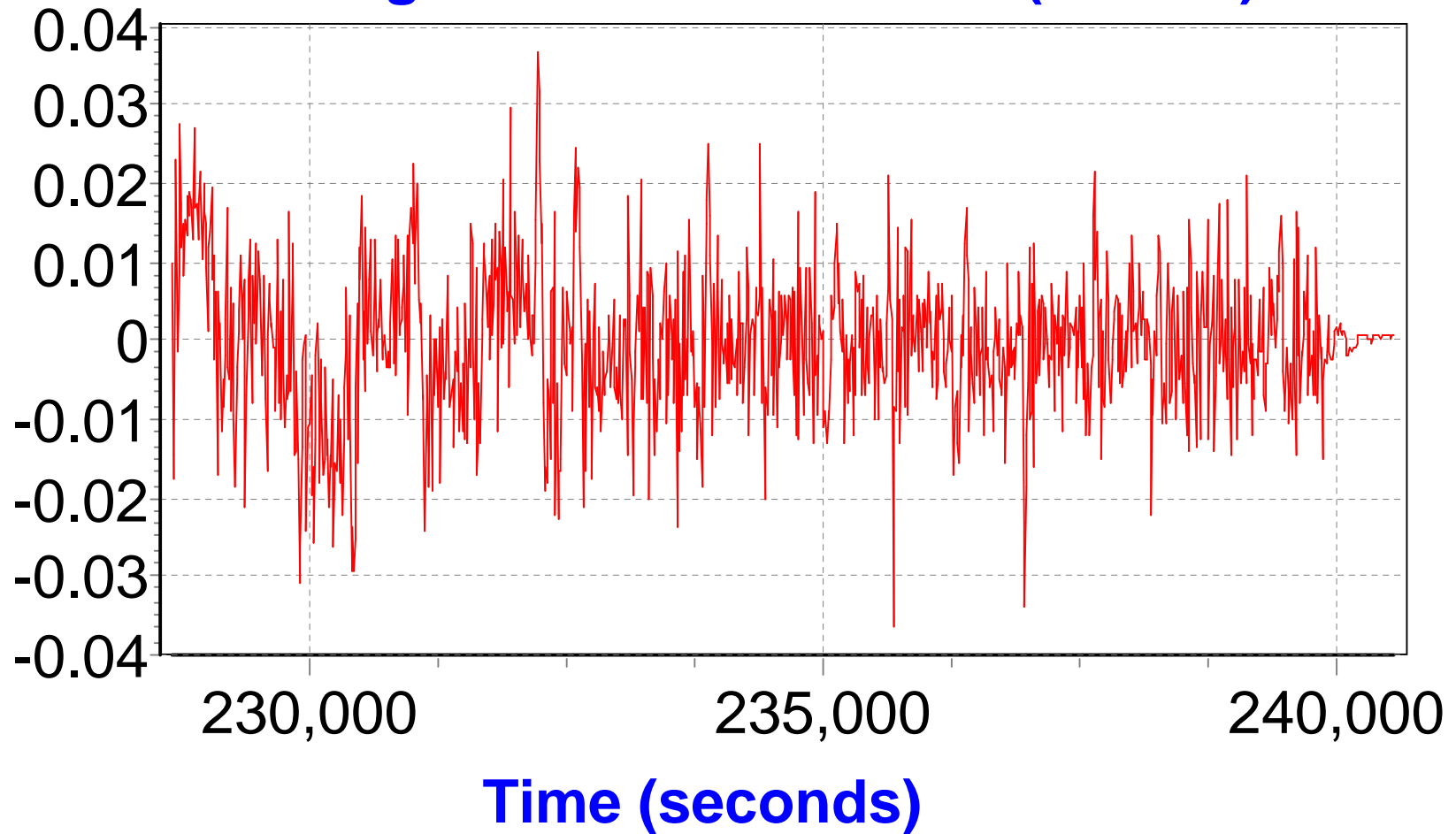
Quality Number Percentages:
Q 1: 99.9 %
Q 2: 0.1 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:
0.00 - 0.10 m: 99.9 %
0.10 - 0.30 m: 0.1 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

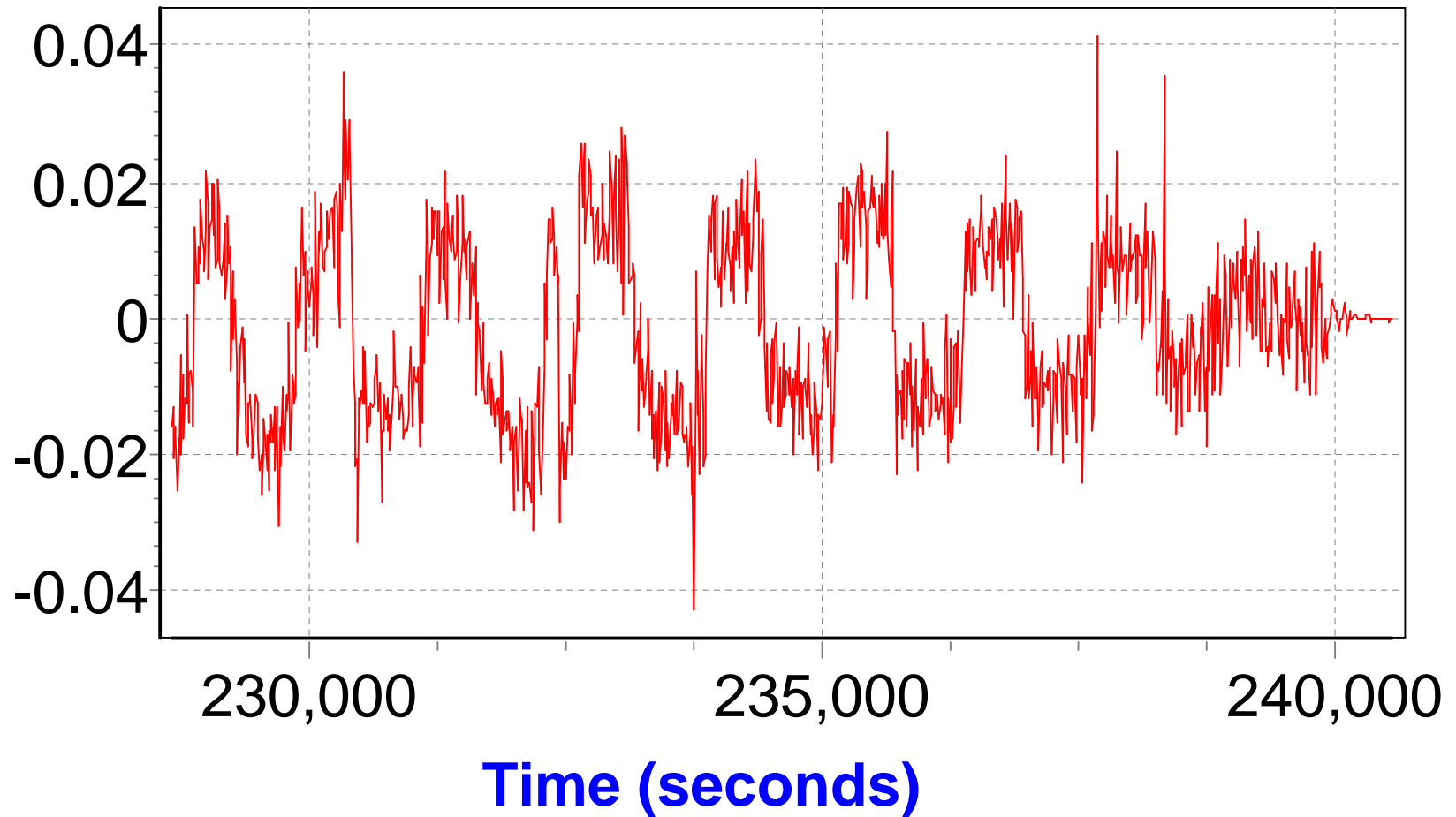
Percentages of epochs with DD_DOP over 10.00:
DOP over Tol: 0.0 %

Baseline Distances:
Maximum: 35.109 (km)
Minimum: 0.048 (km)
Average: 18.907 (km)
First Epoch: 1.177 (km)
Last Epoch: 3.232 (km)

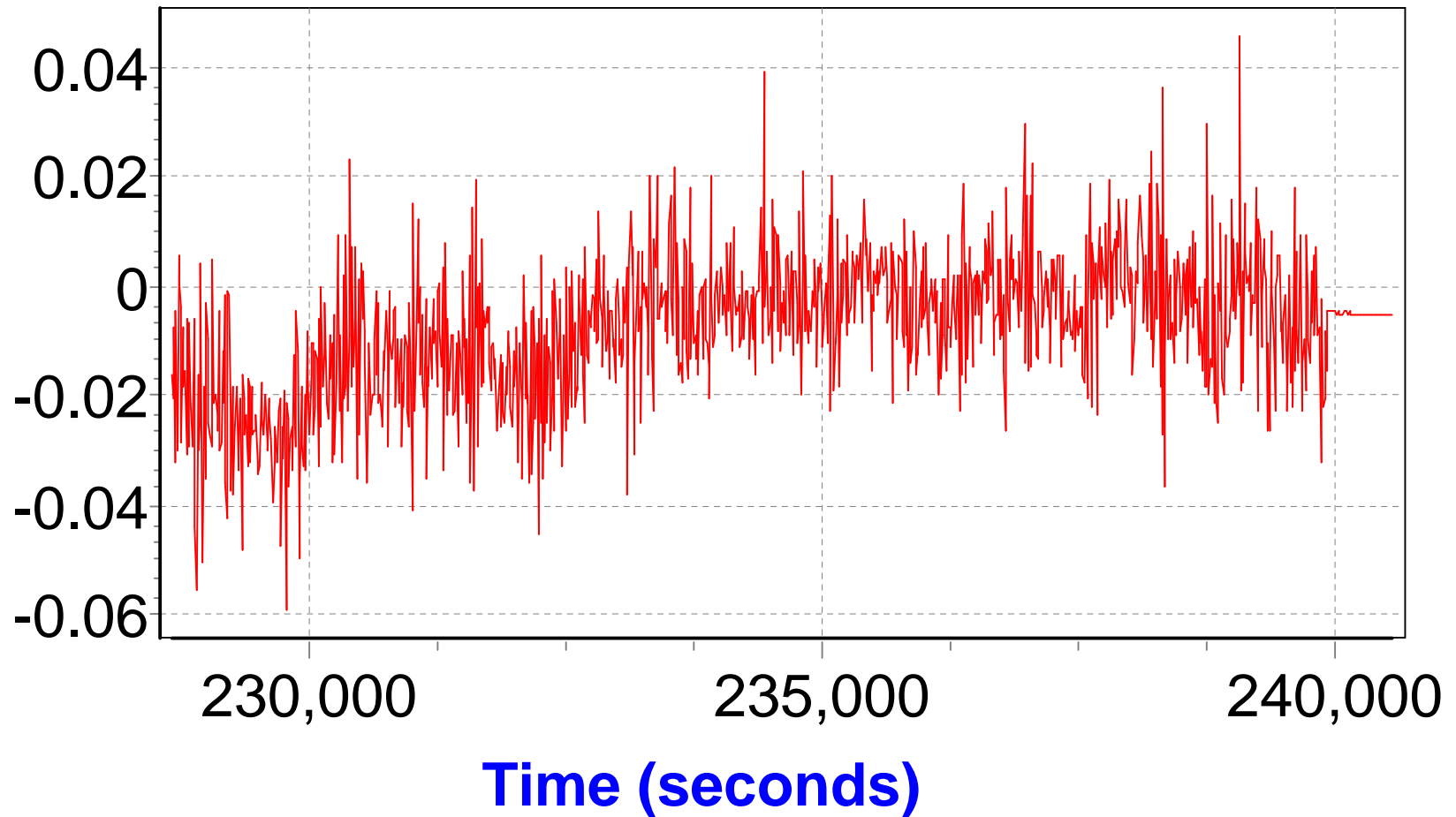
S/D Navigator X Position Error (meters)



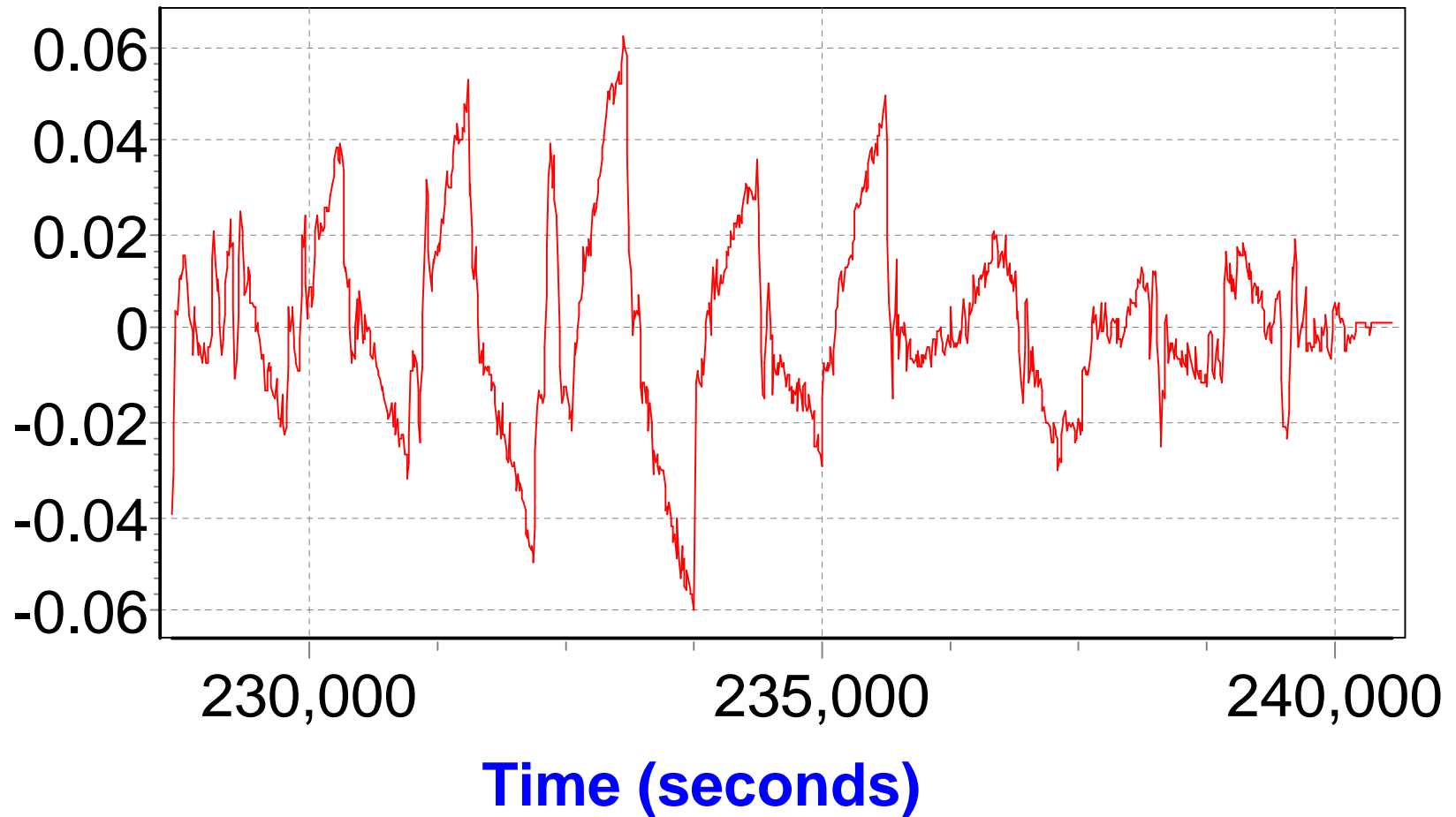
S/D Navigator Y Position Error (meters)



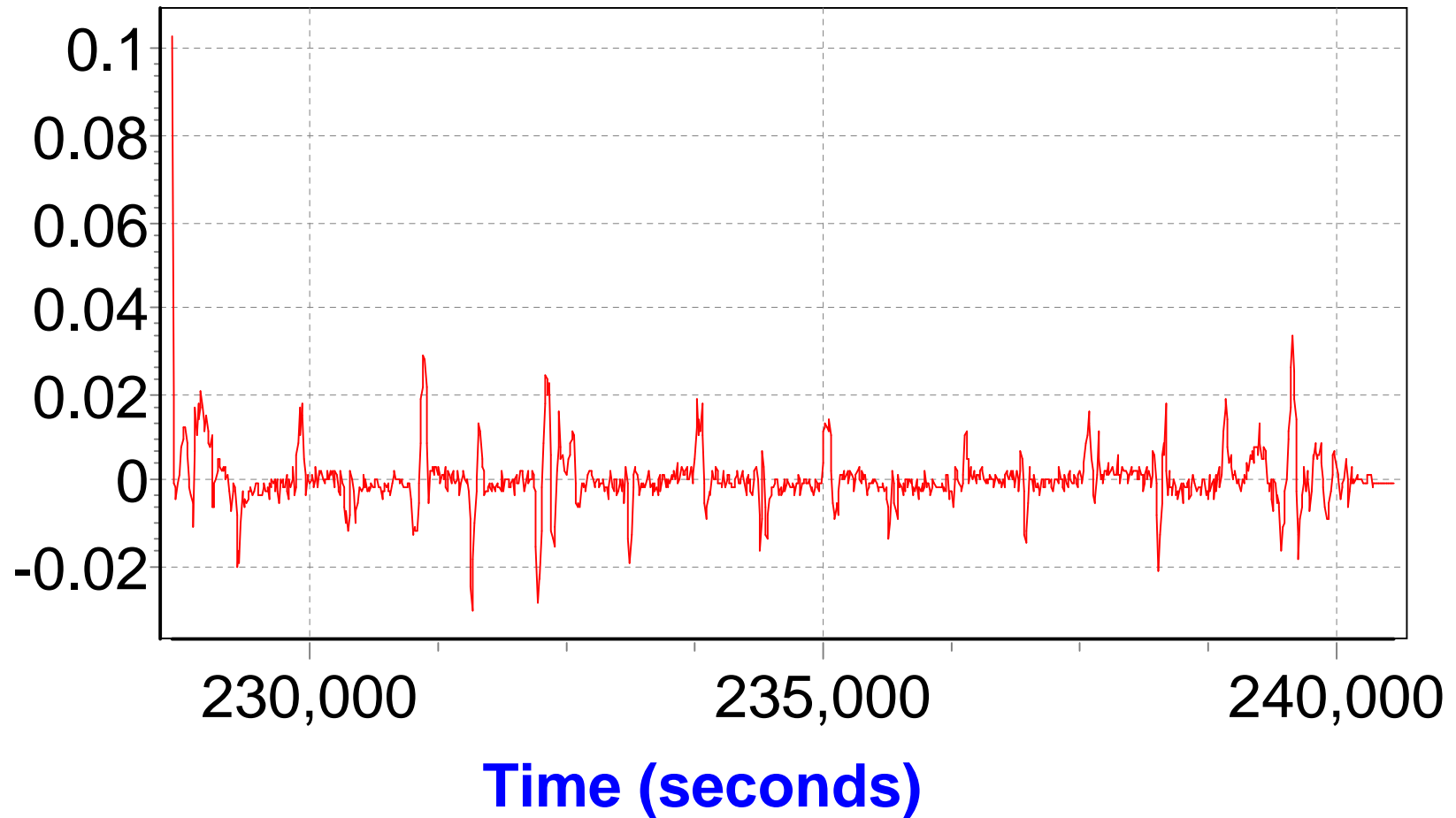
S/D Navigator Z Position Error (meters)



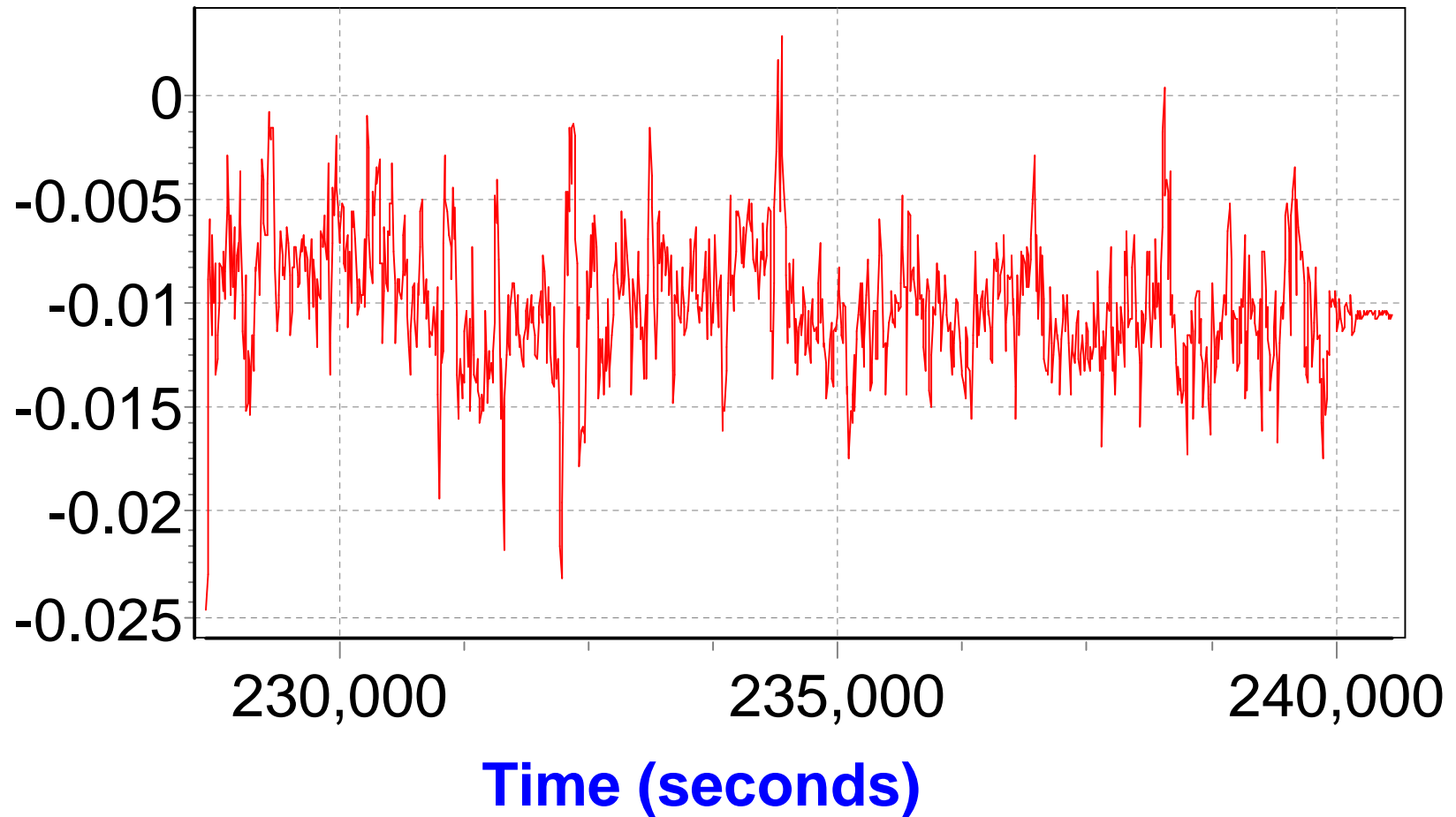
S/D Navigator X Velocity Error (meters/seconds)



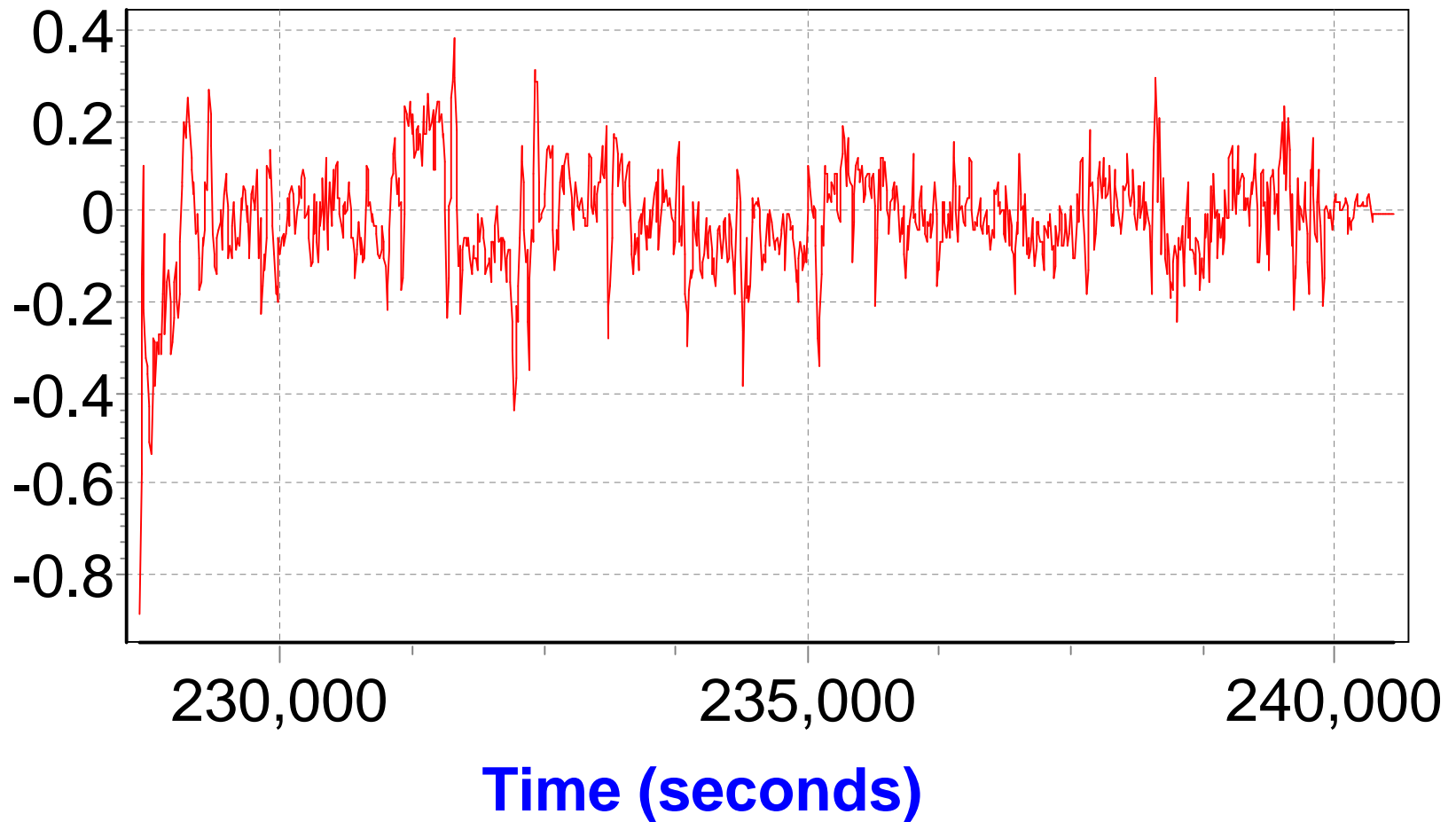
S/D Navigator Y Velocity Error (meters/seconds)



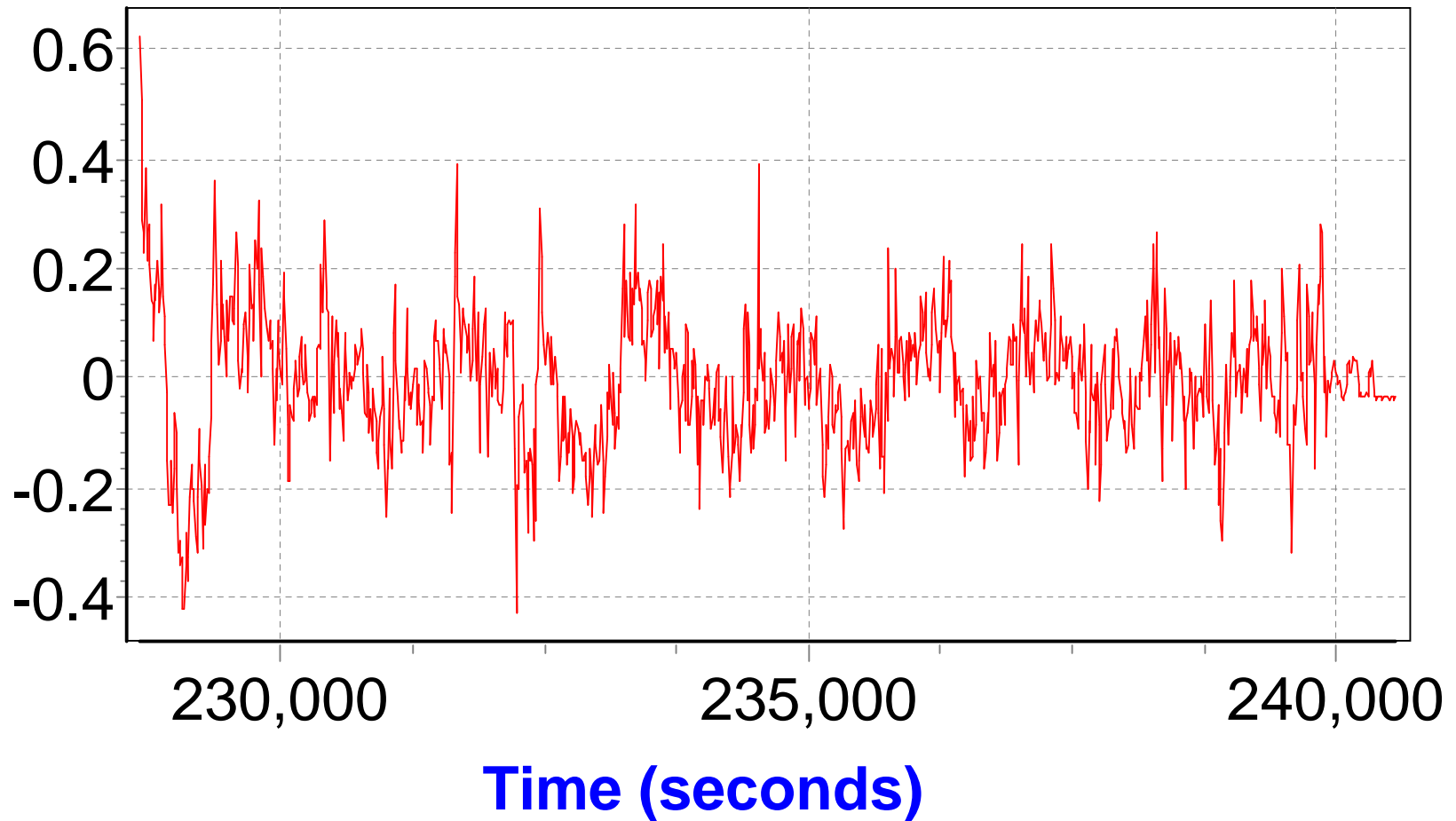
S/D Navigator Z Velocity Error (meters/seconds)



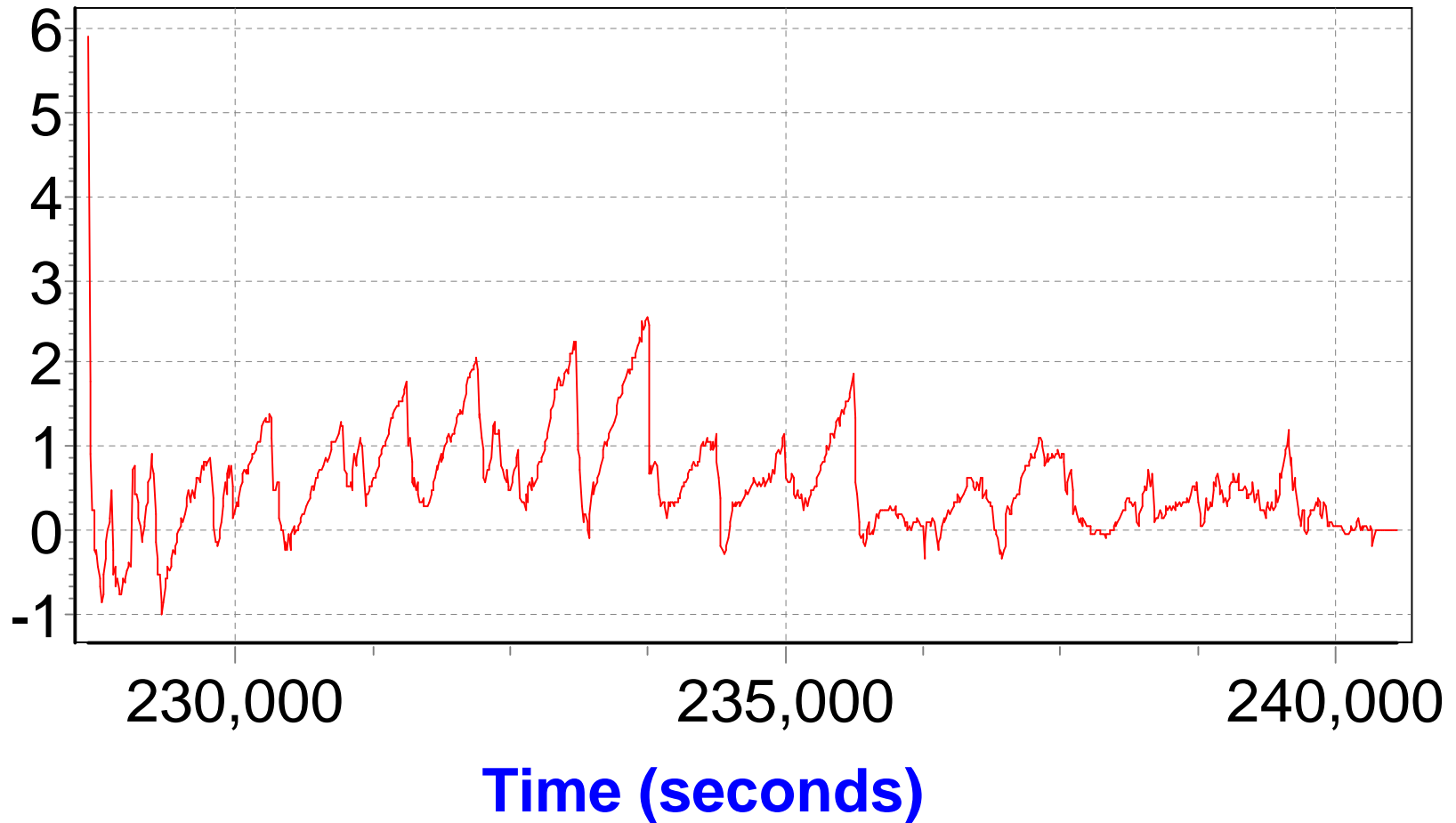
S/D Navigator X Misalignment (arcmin)



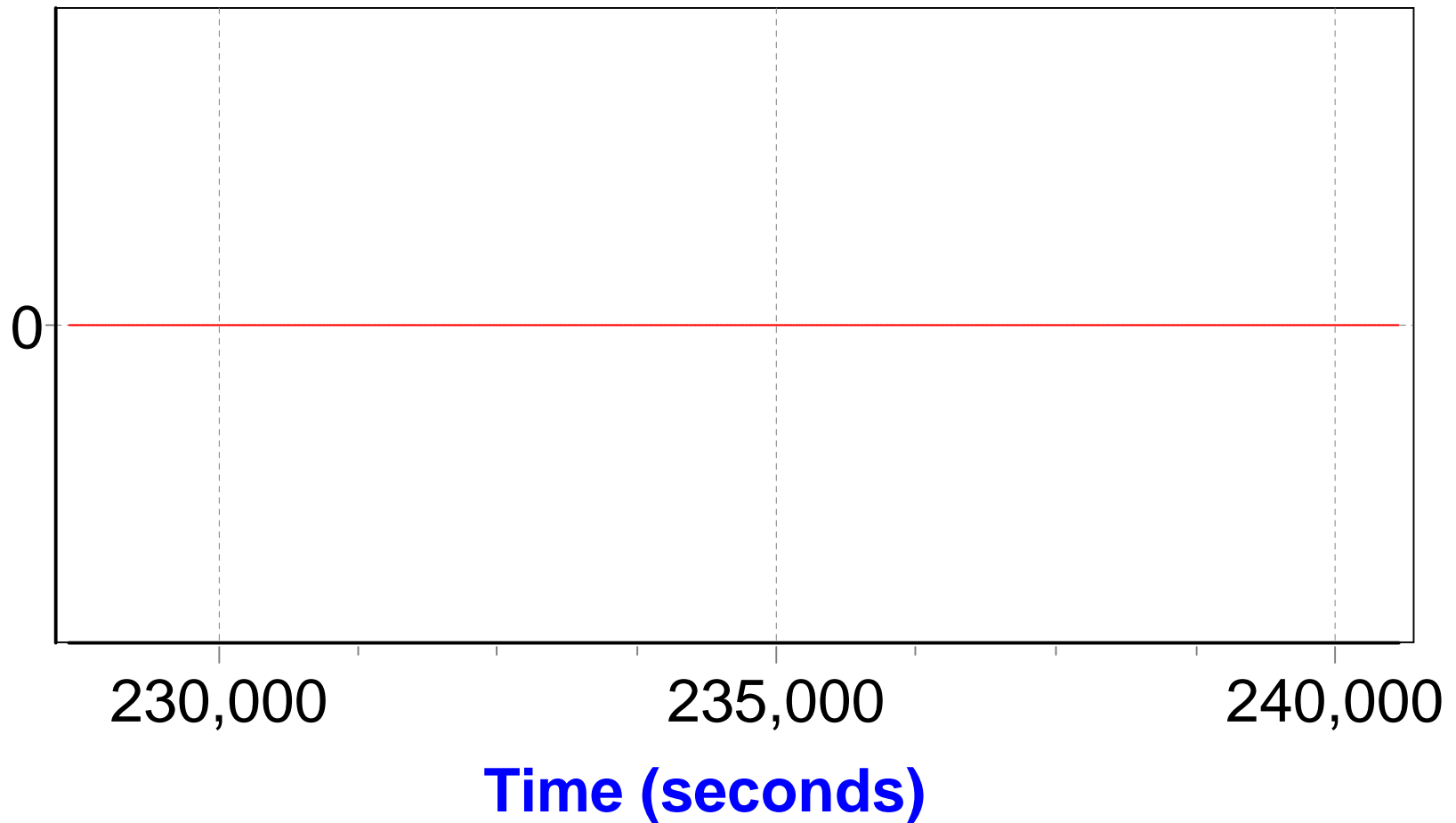
S/D Navigator Y Misalignment (arcmin)



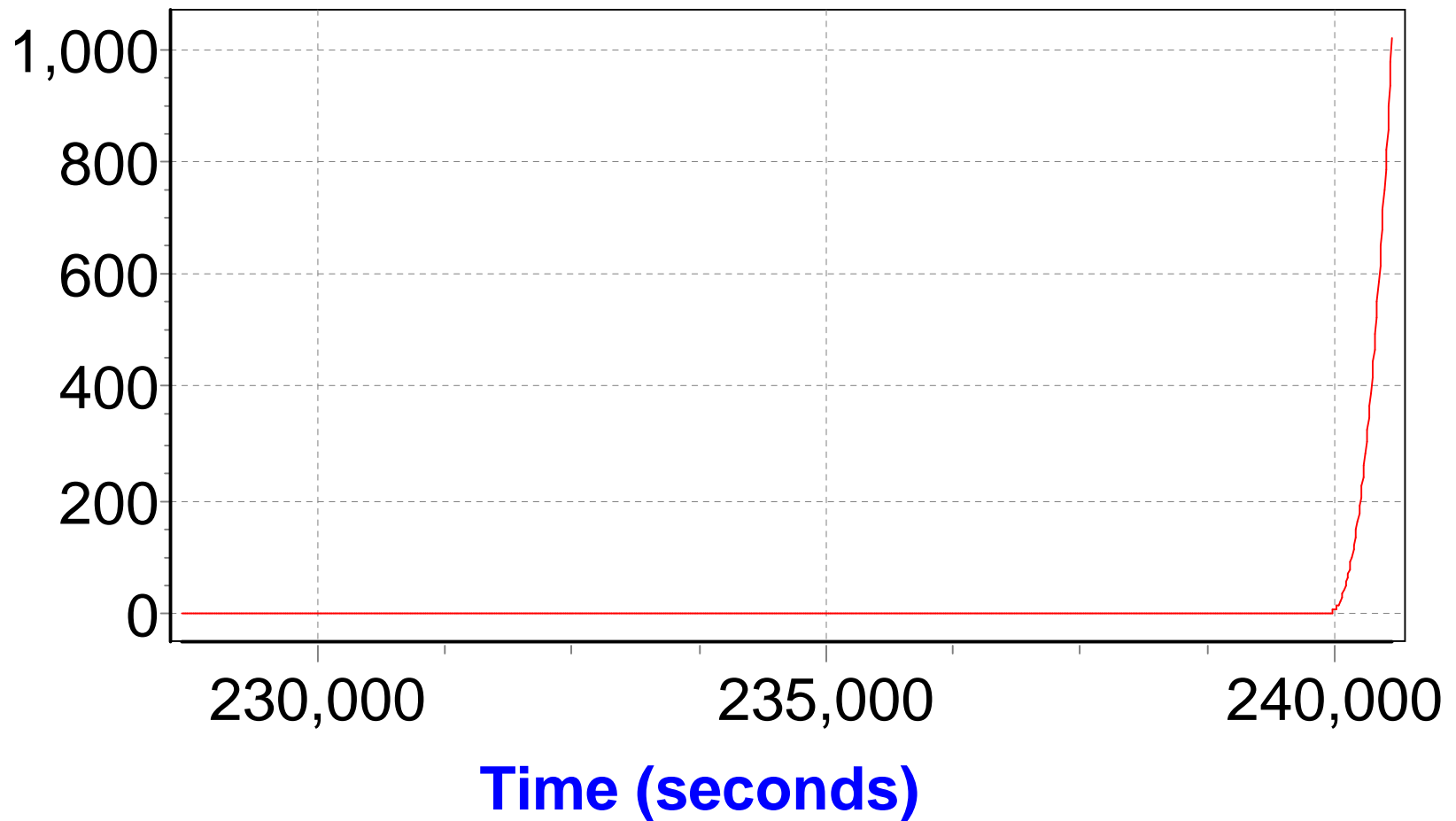
S/D Navigator Z Misalignment (arcmin)



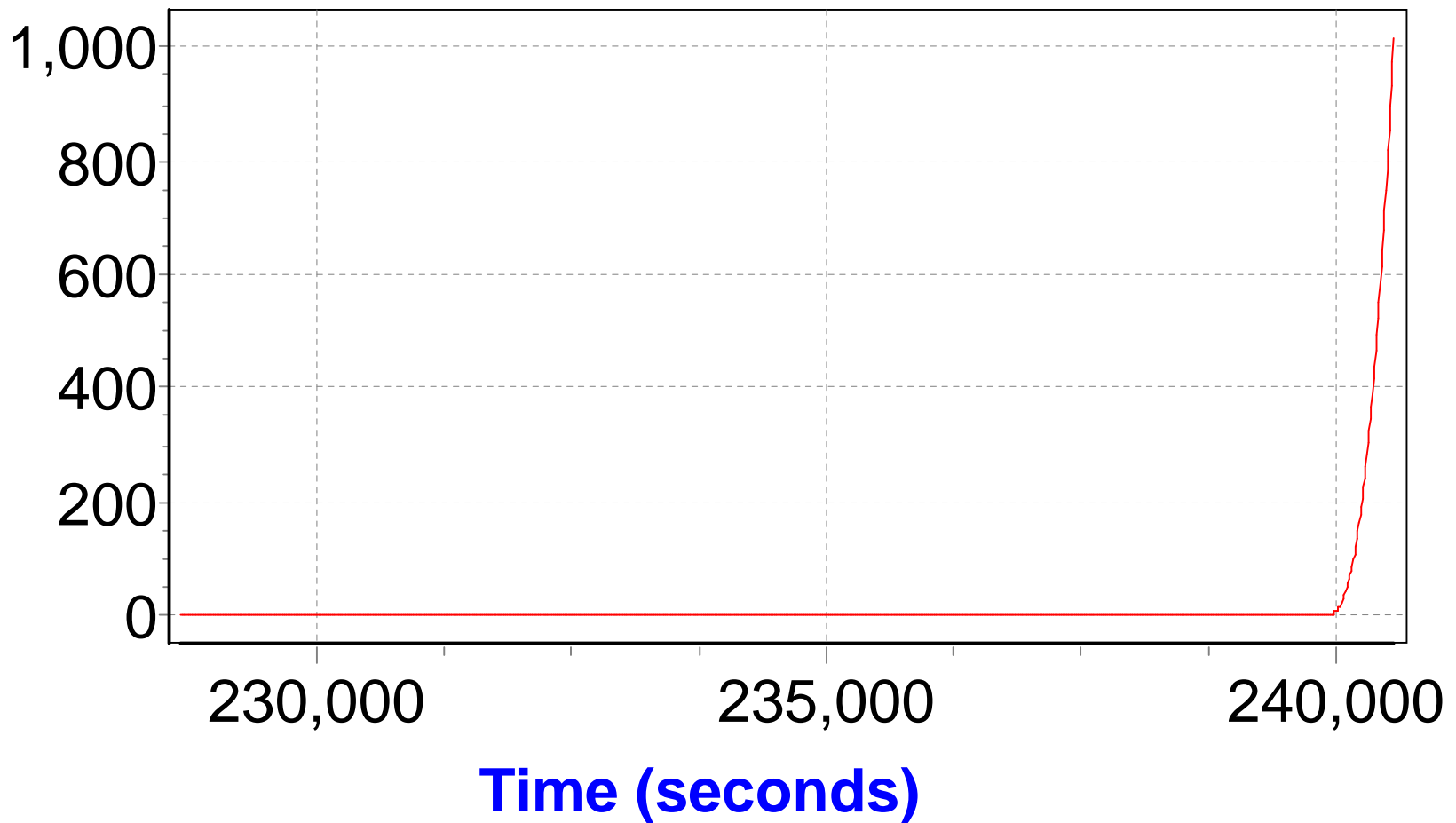
S/D Navigator COS(Z Misalignment)-1 (radians)



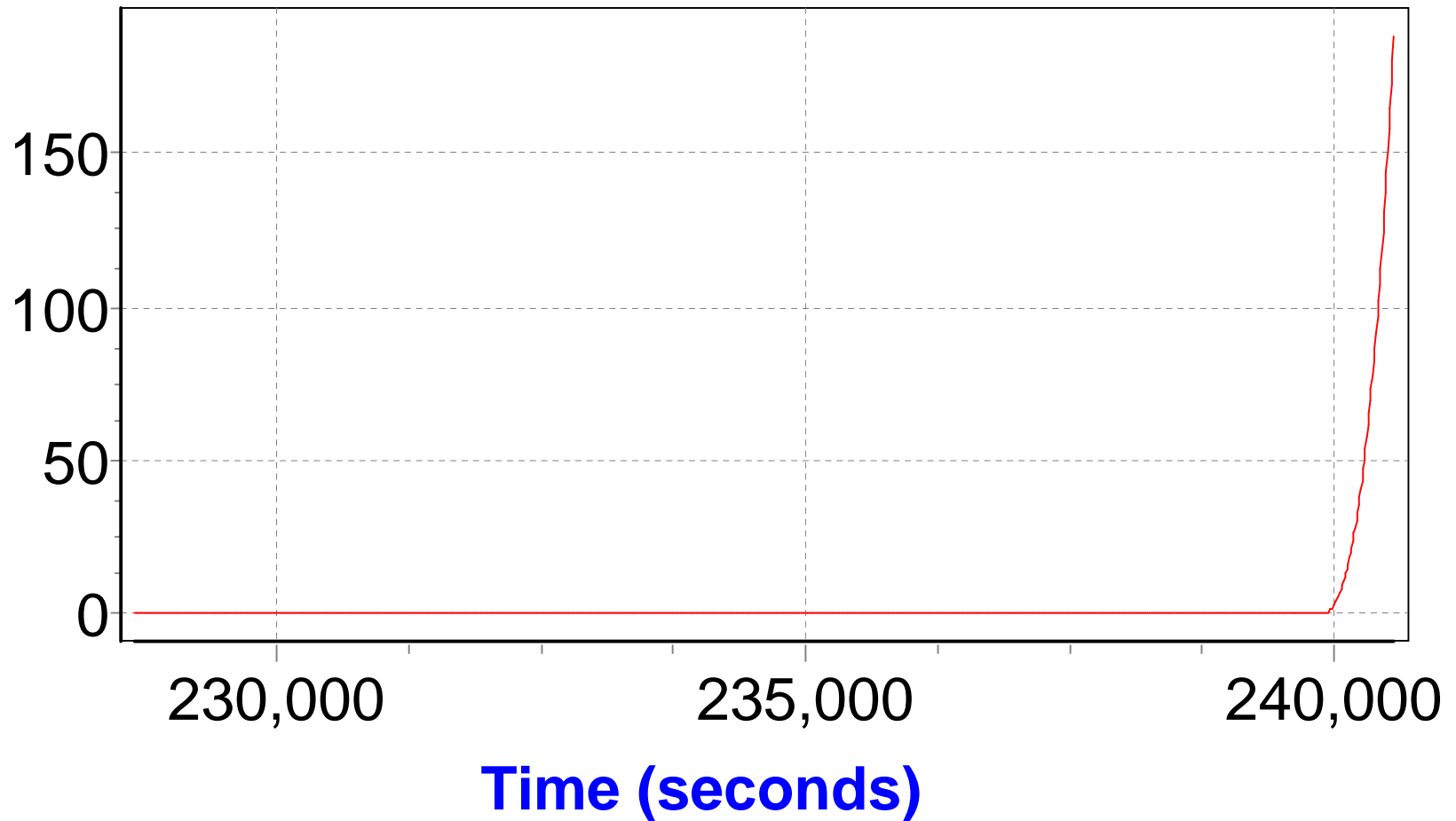
S/D Navigator X Position RMS Error (meters)



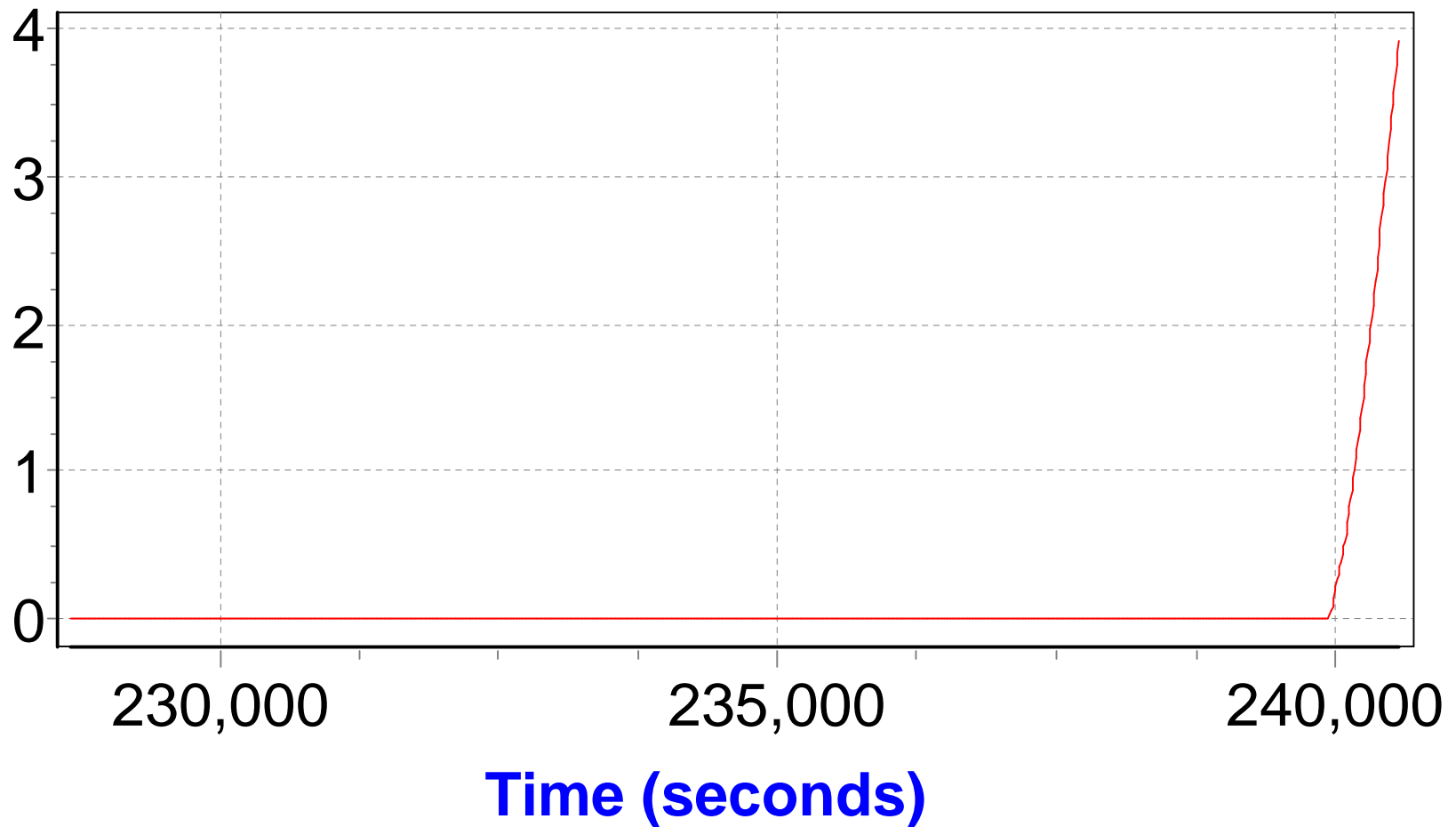
S/D Navigator Y Position RMS Error (meters)



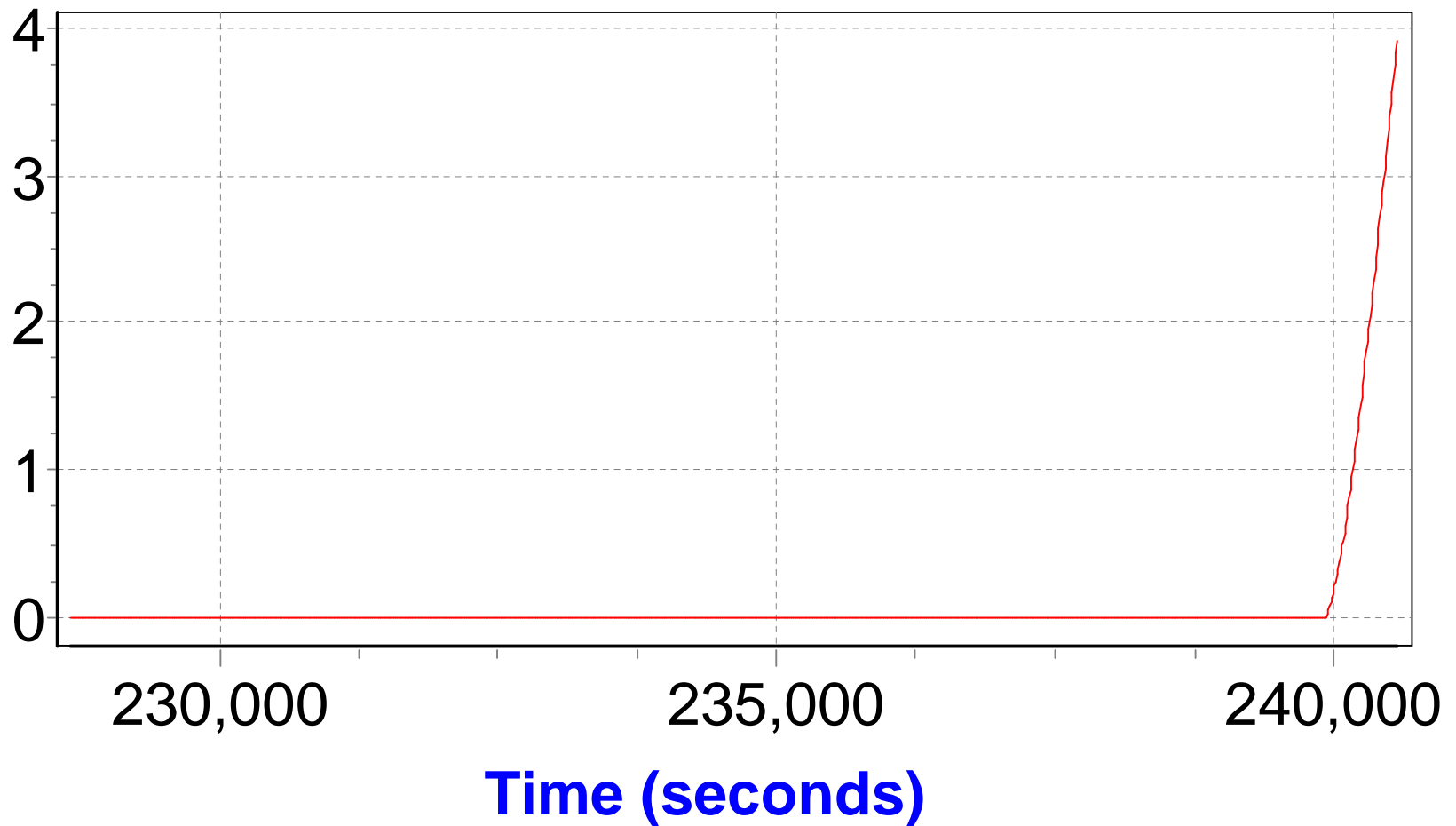
S/D Navigator Z Position RMS Error (meters)



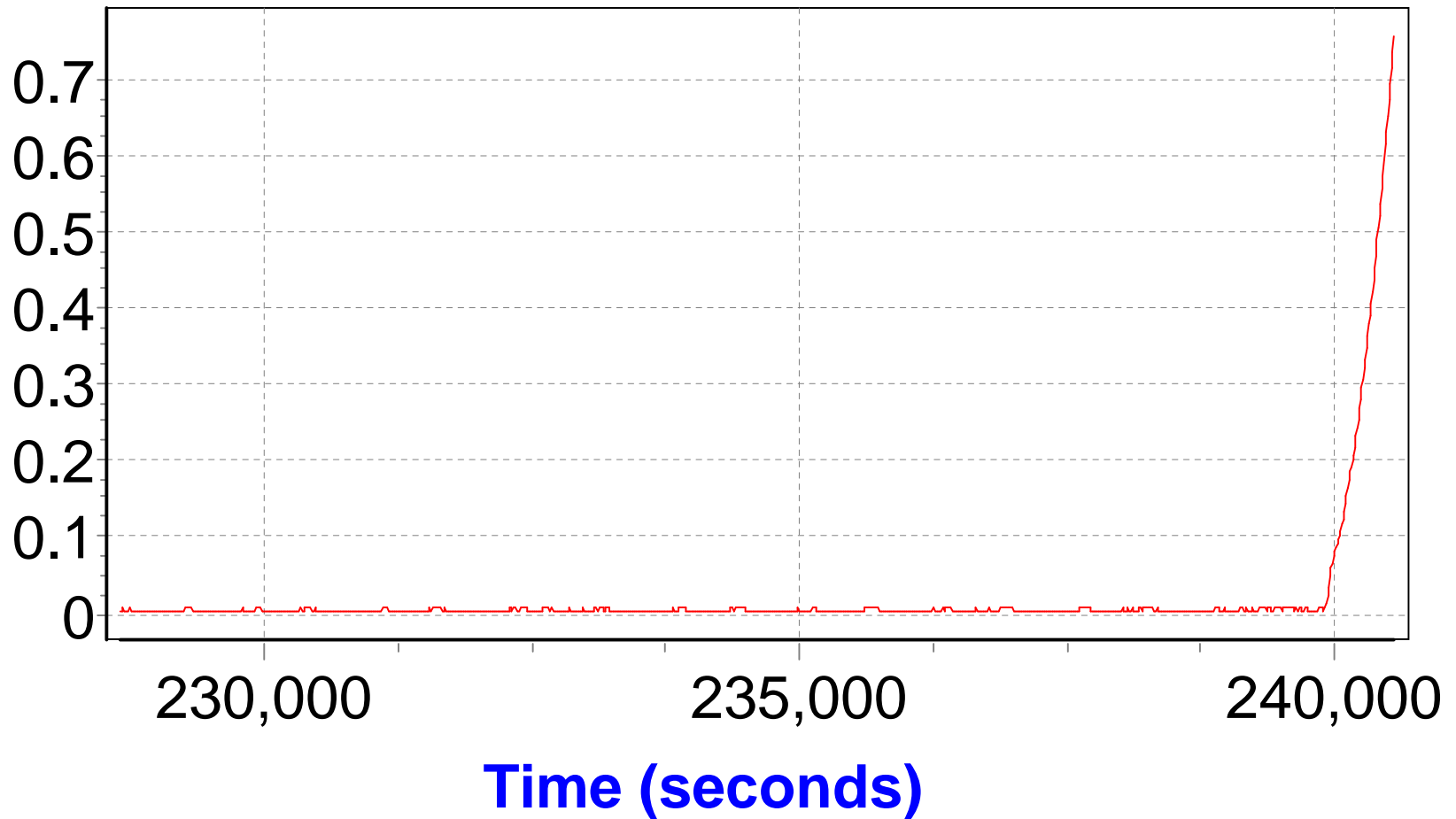
S/D Navigator X Velocity RMS Error (meters/seconds)



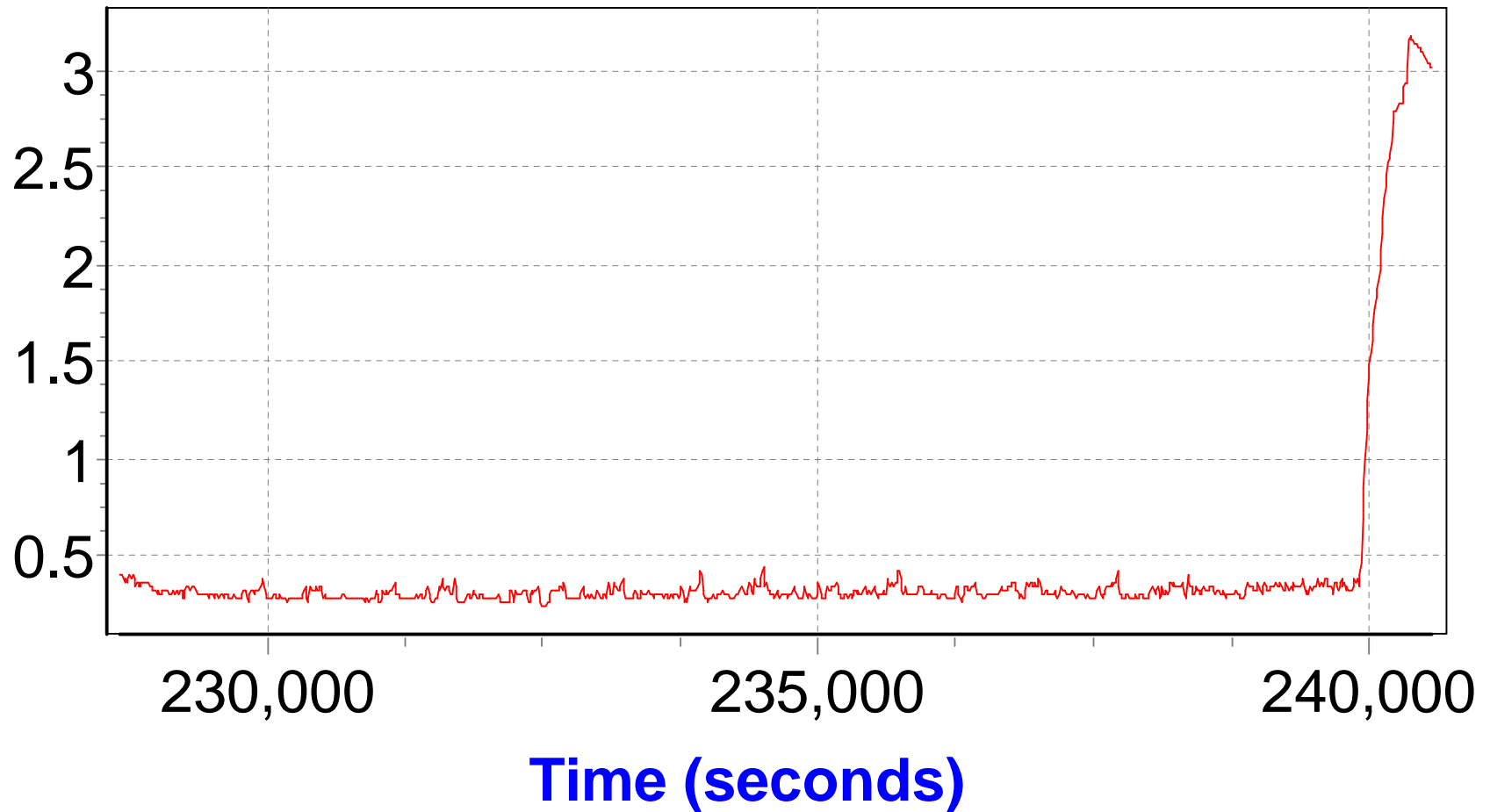
S/D Navigator Y Velocity RMS Error (meters/seconds)



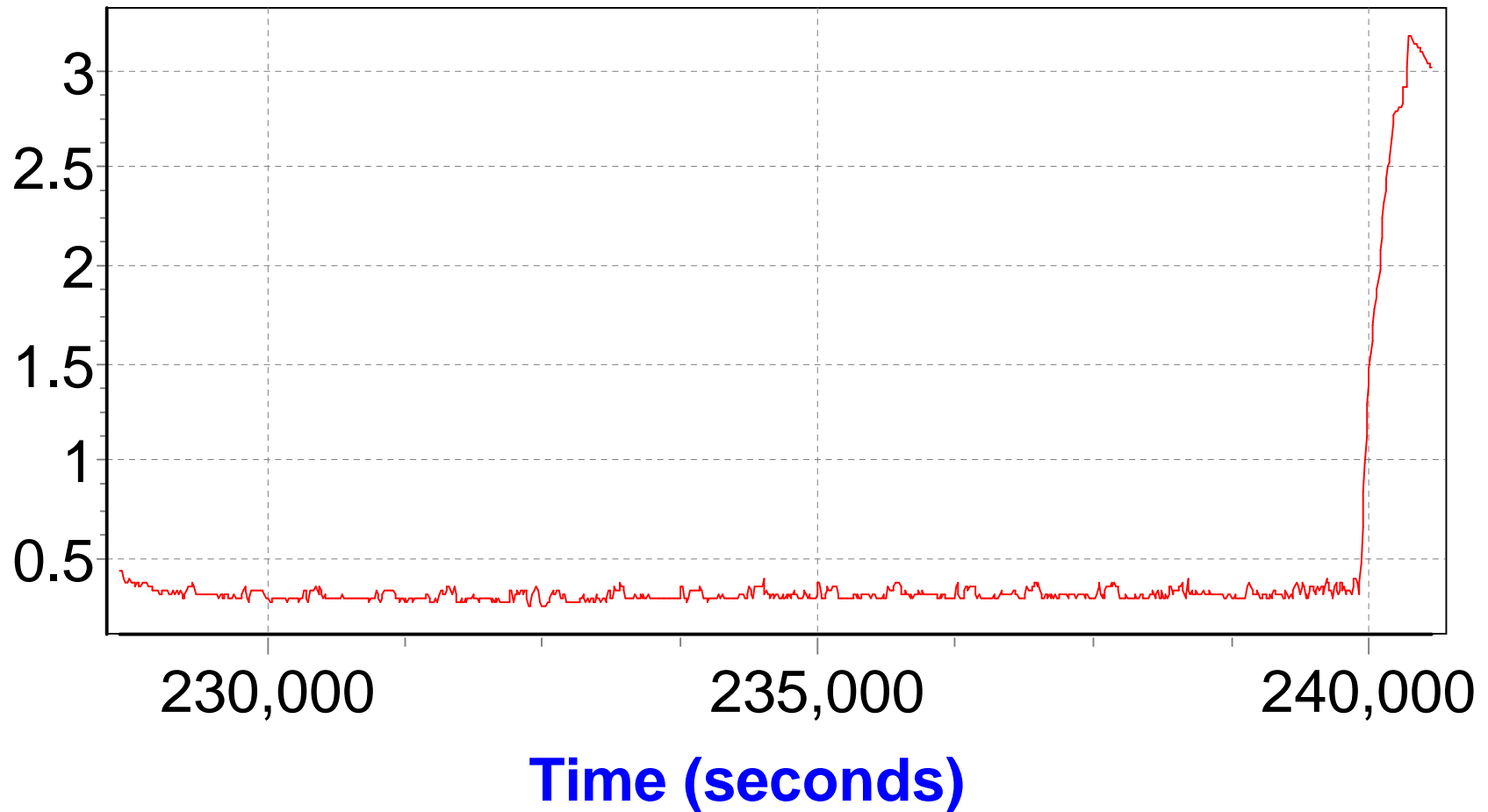
S/D Navigator Z Velocity RMS Error (meters/seconds)



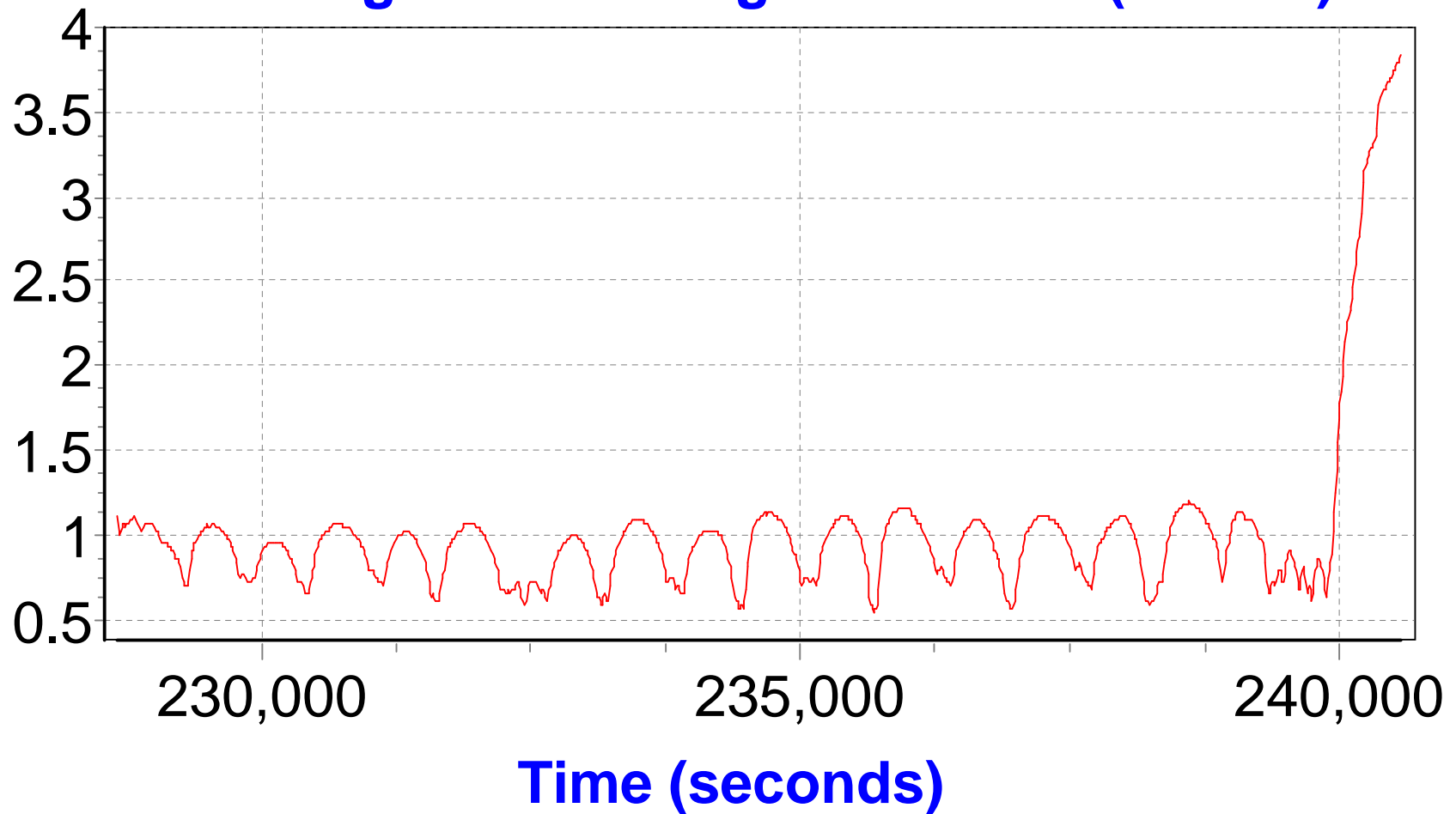
S/D Navigator X Misalignment RMS (arcmin)



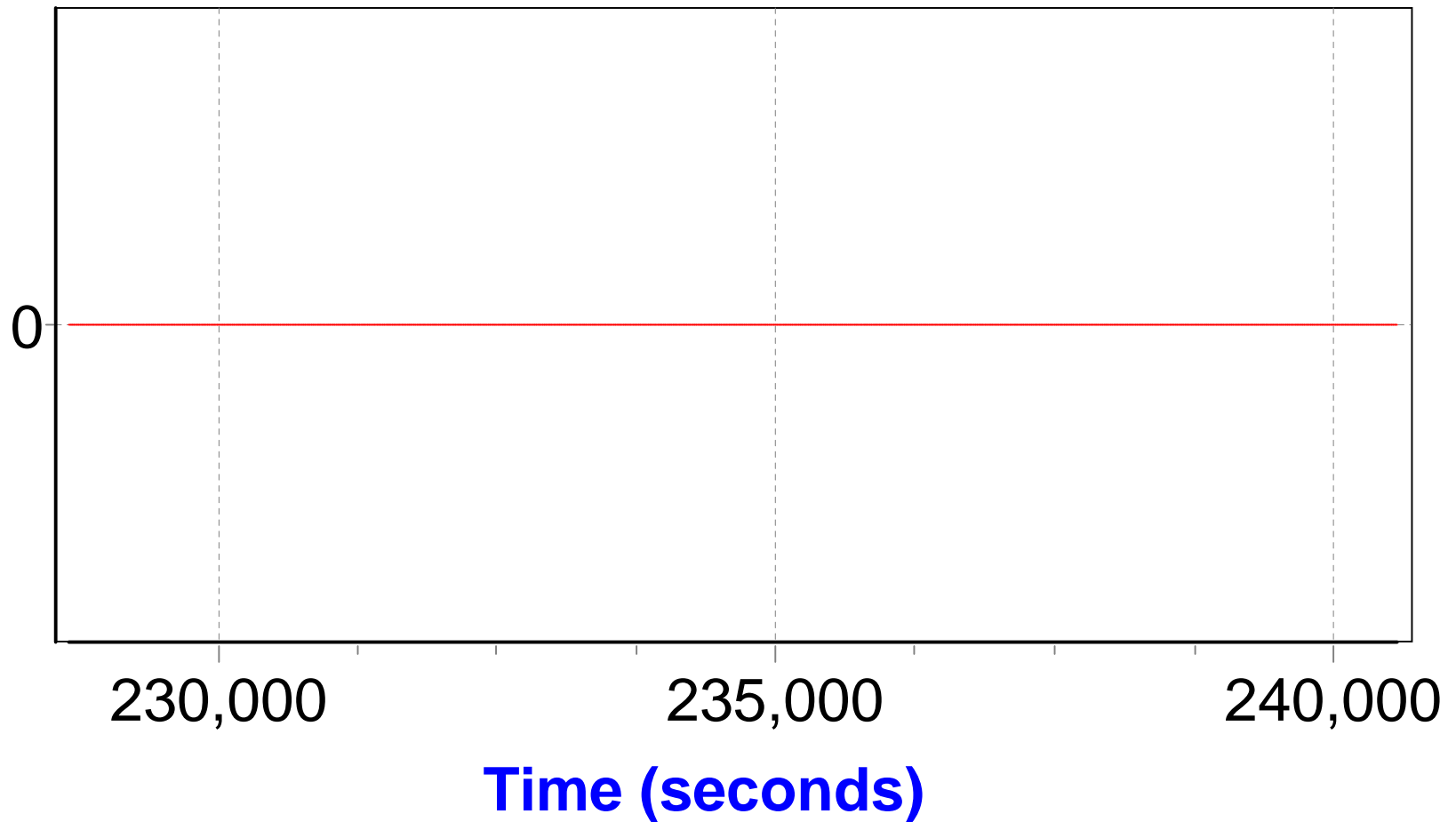
S/D Navigator Y Misalignment RMS (arcmin)



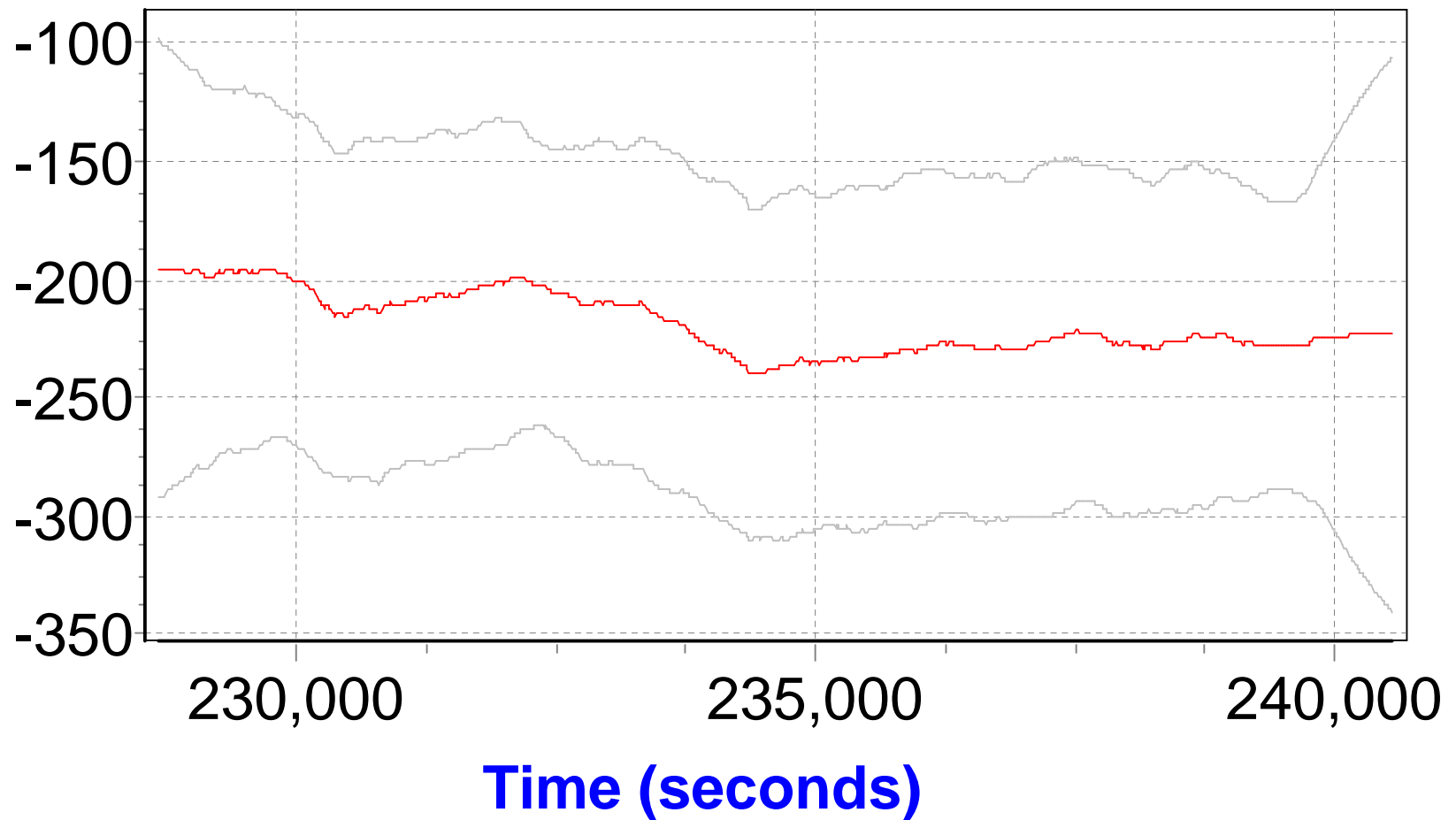
S/D Navigator Z Misalignment RMS (arcmin)



S/D Navigator COS(Z Misalignment)-1 RMS (radians)



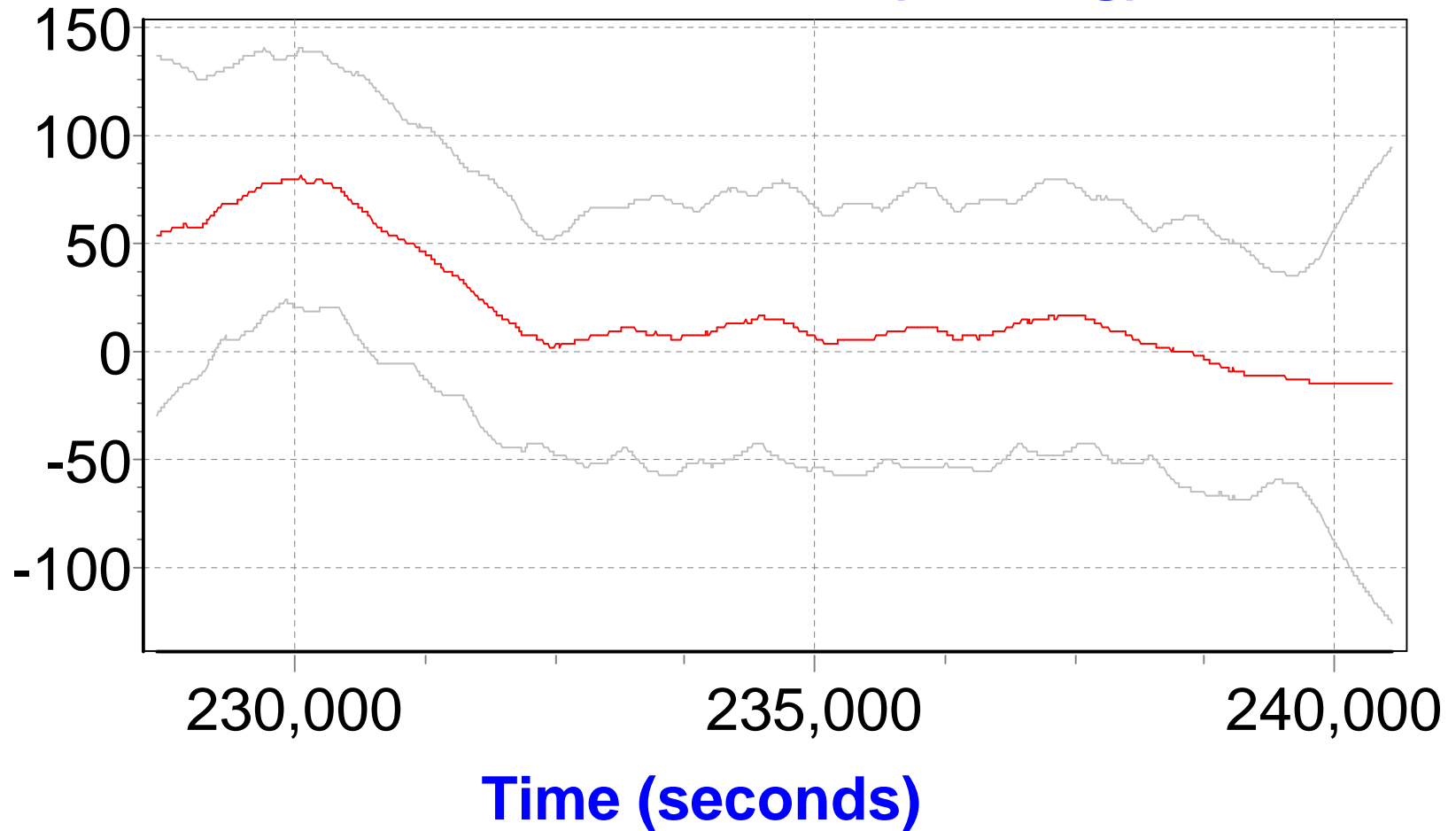
X Accelerometer Bias (micro-g)



G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

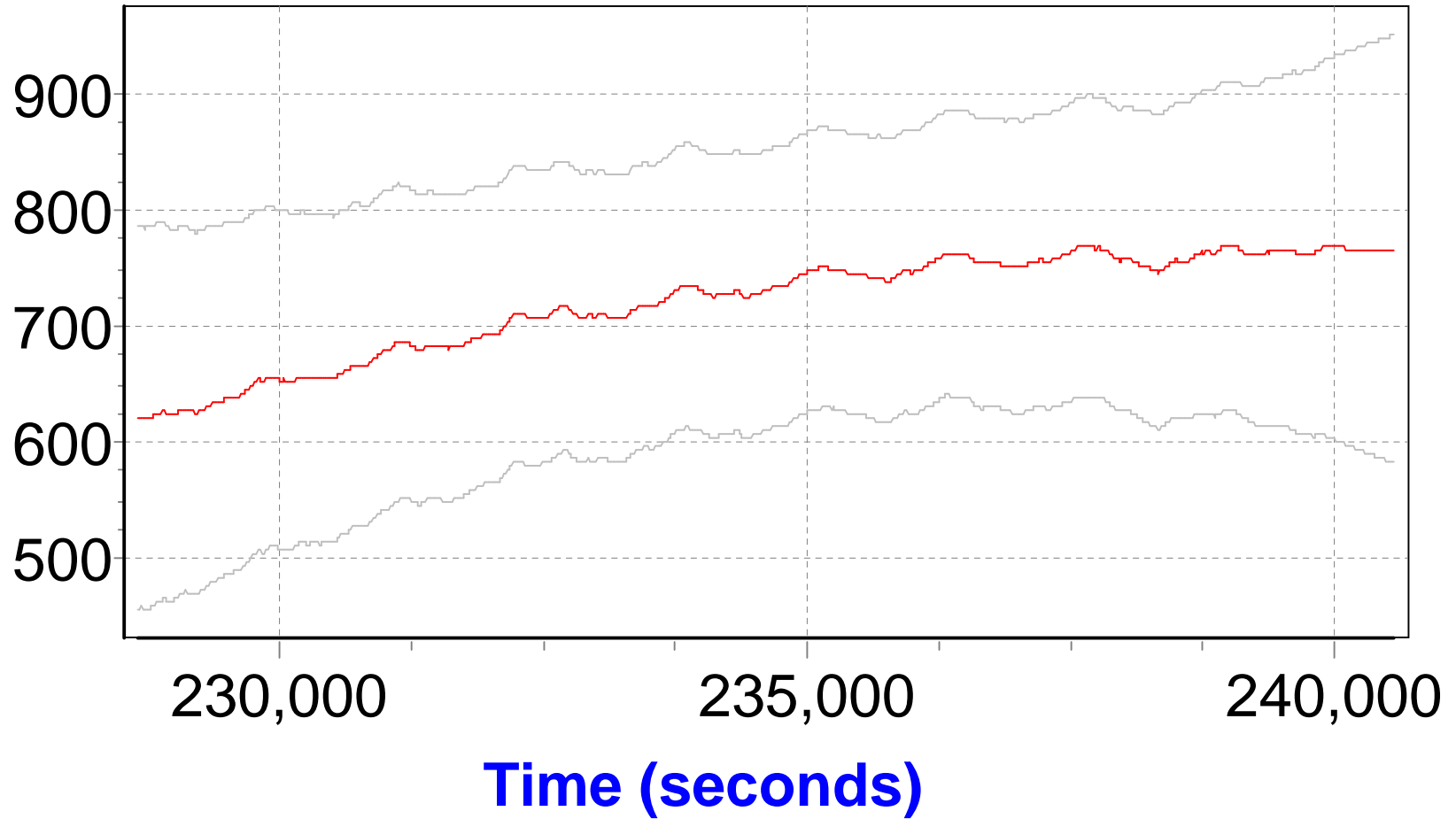
Y Accelerometer Bias (micro-g)



G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

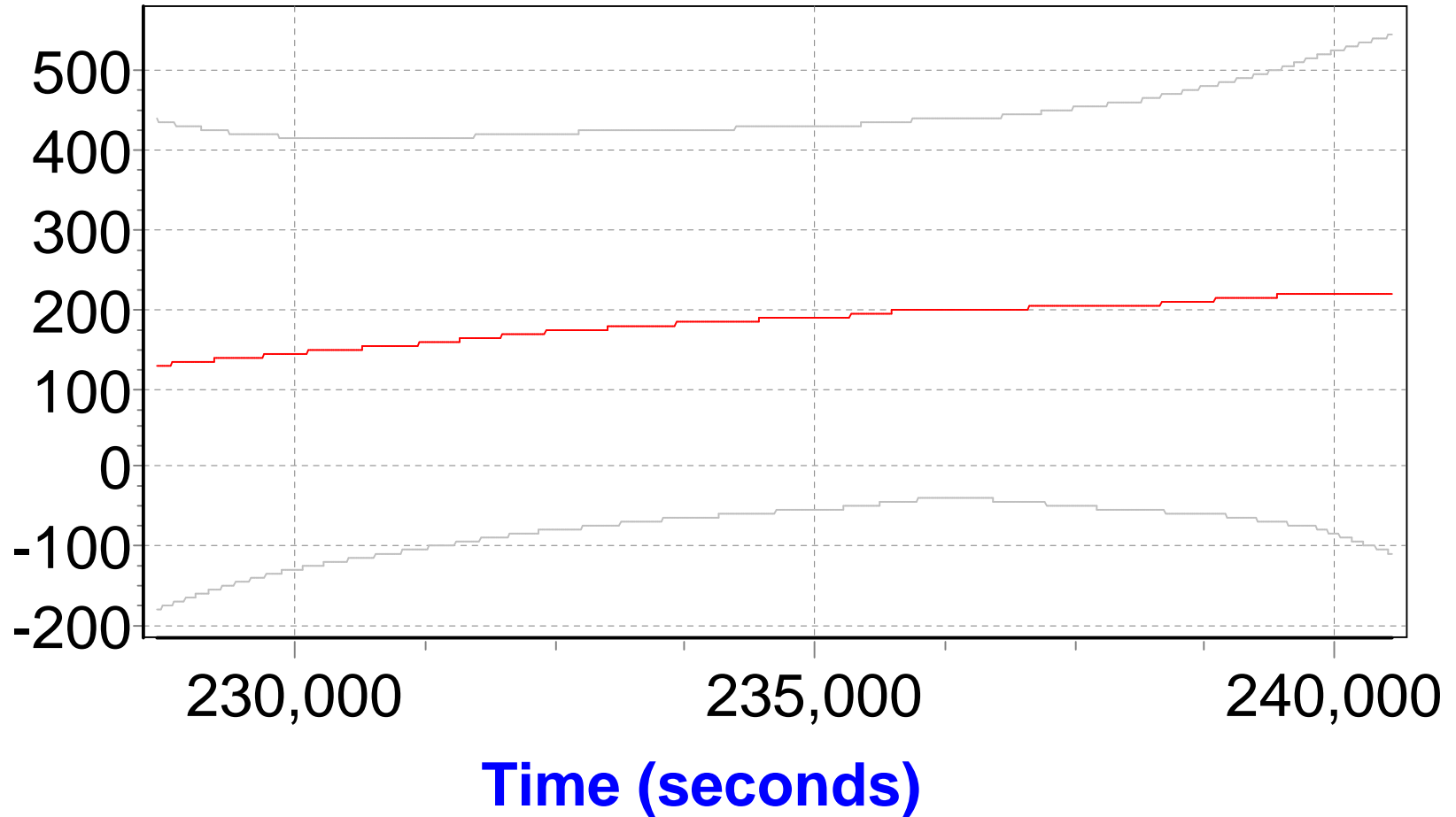
Z Accelerometer Bias (micro-g)



G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

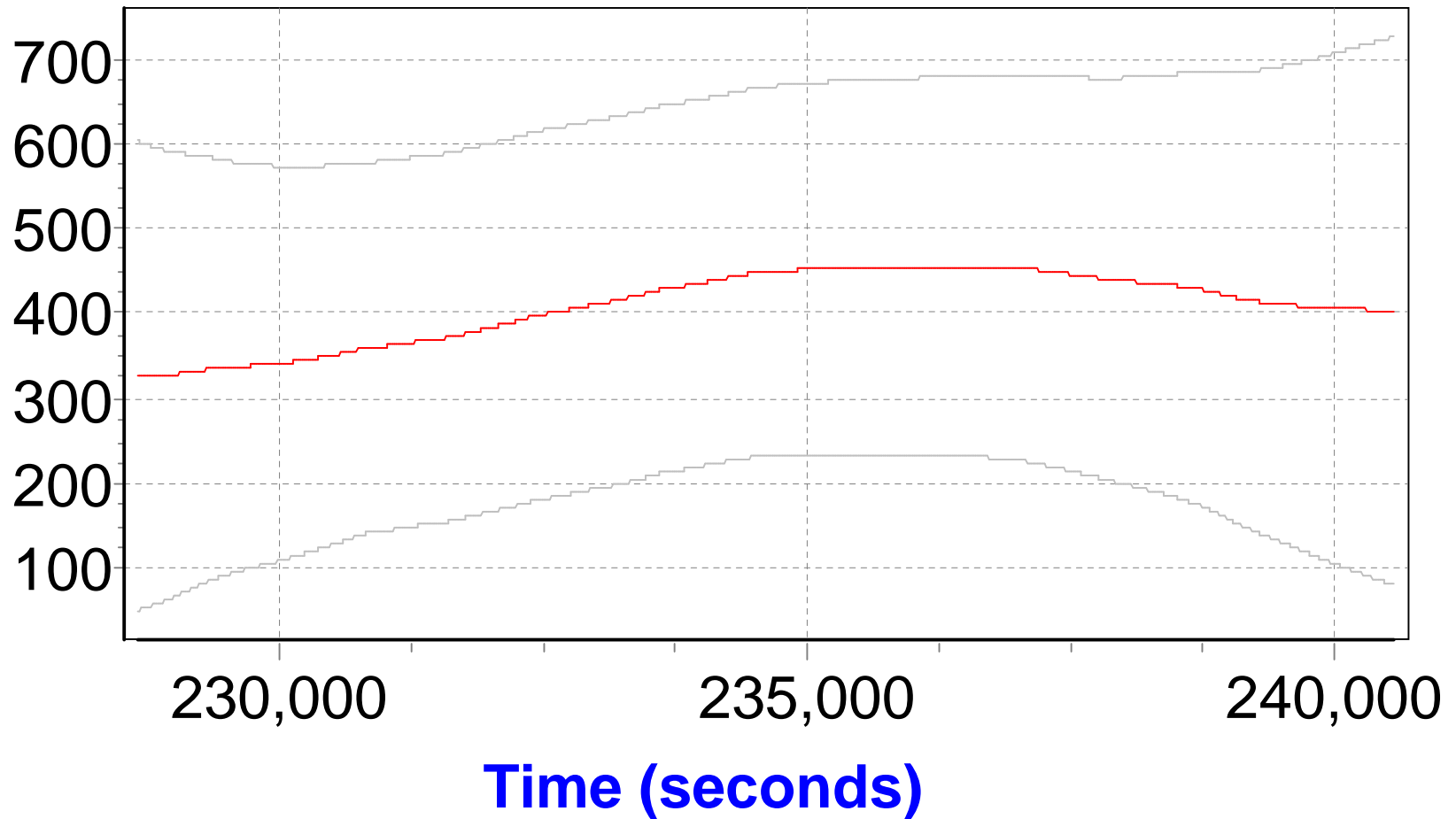
X Accelerometer Scale Factor Error (ppm)



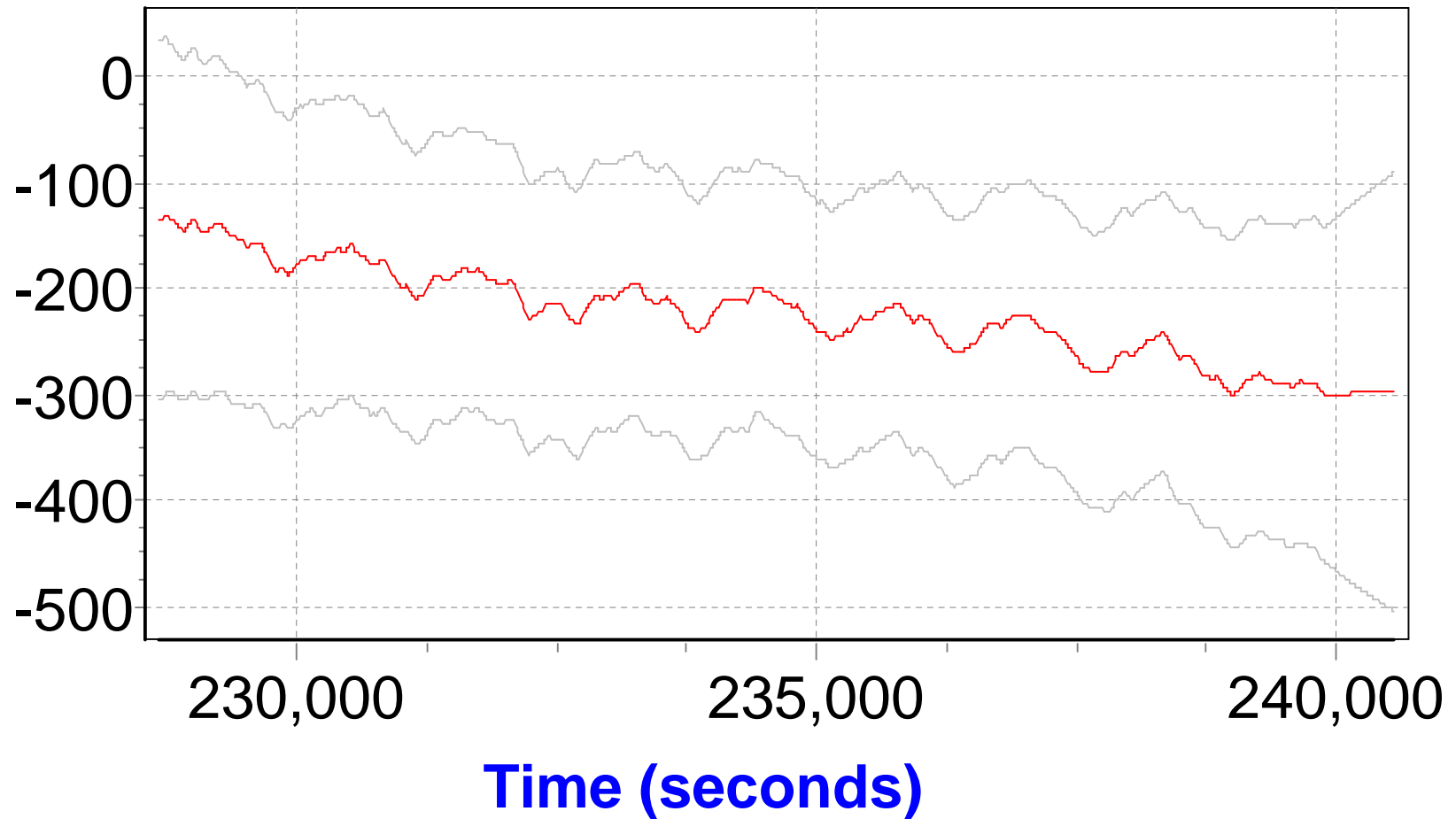
G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

Y Accelerometer Scale Factor Error (ppm)



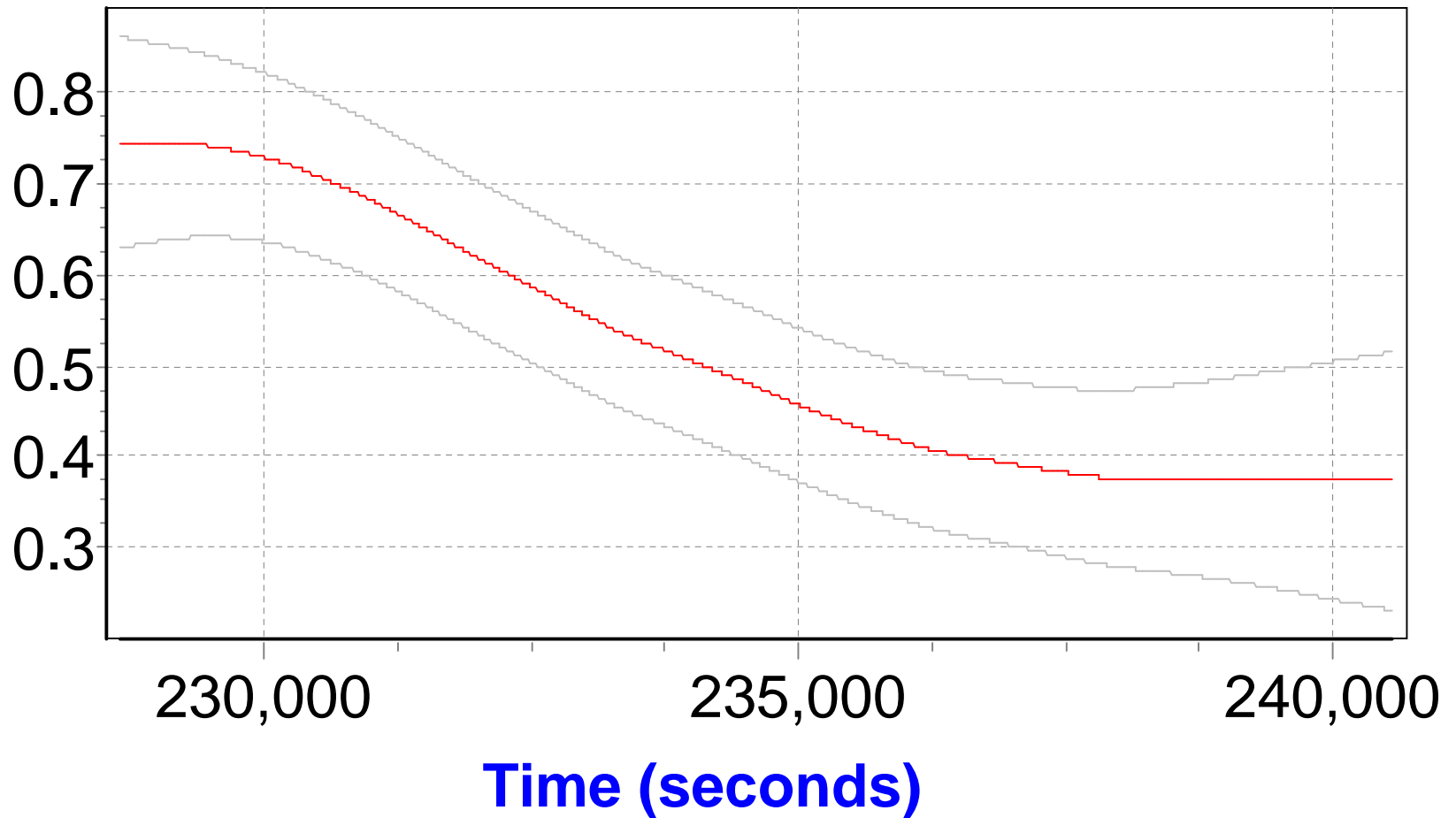
Z Accelerometer Scale Factor Error (ppm)



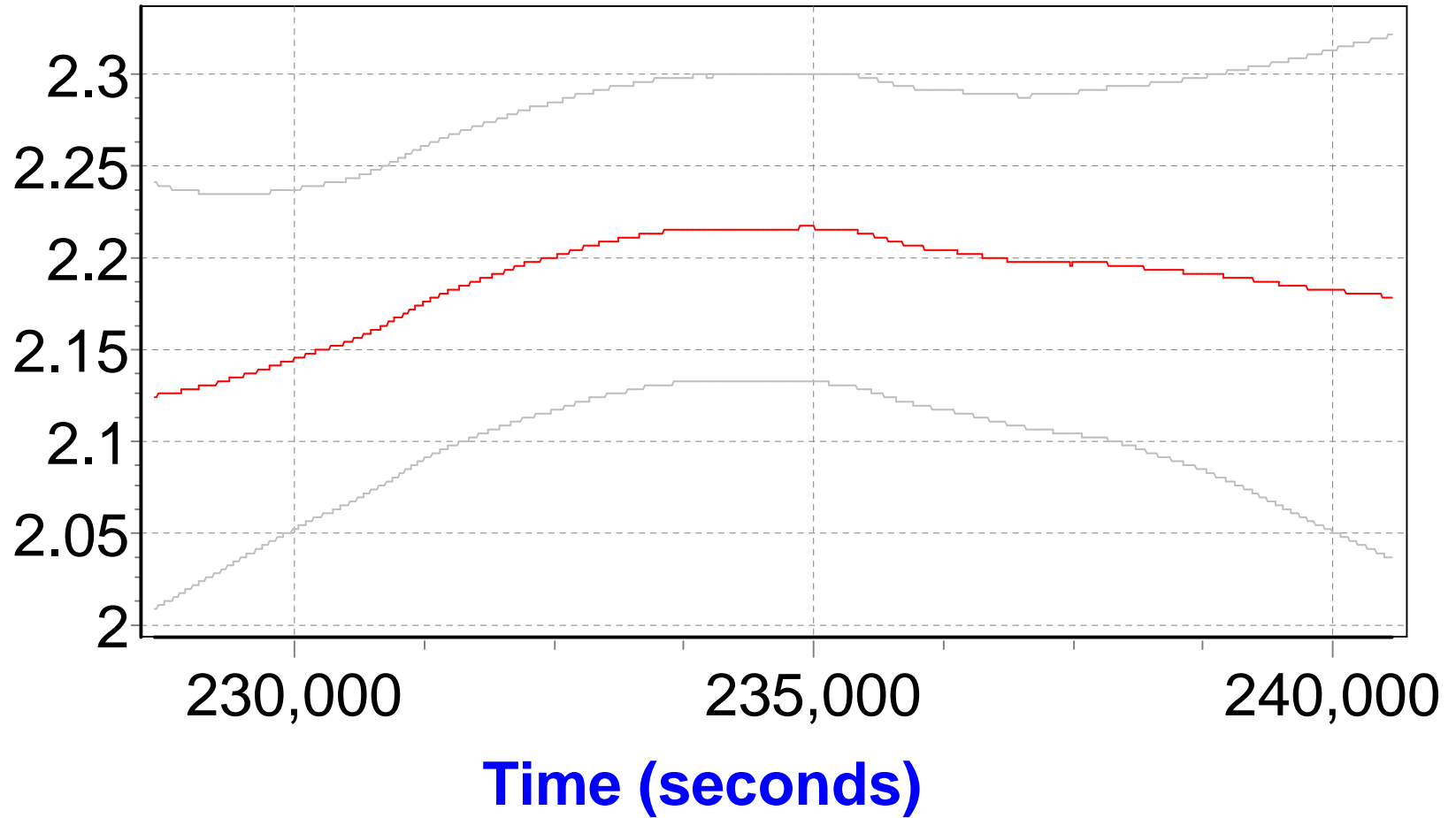
G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

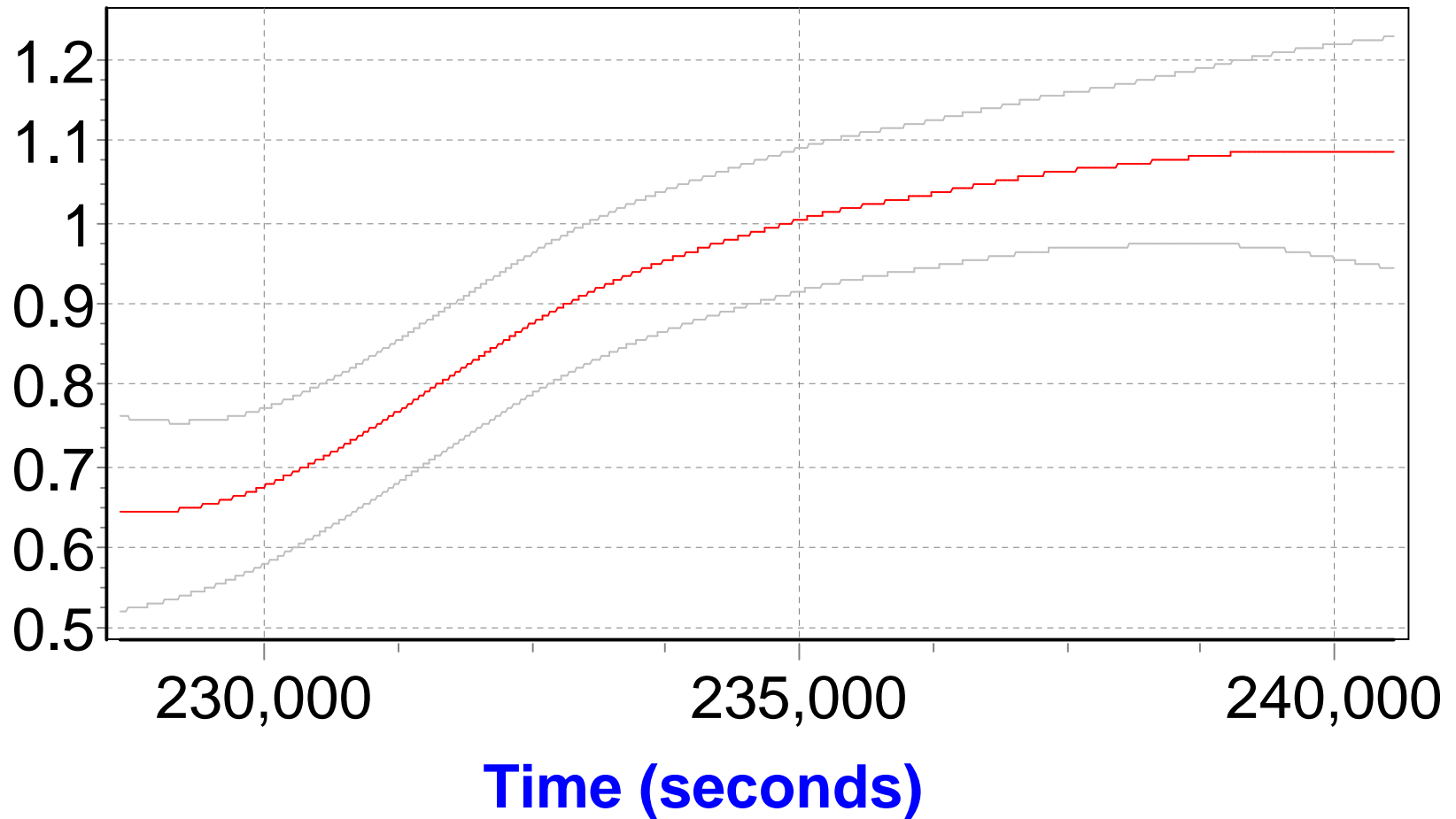
X Gyro Bias (degrees/hour)



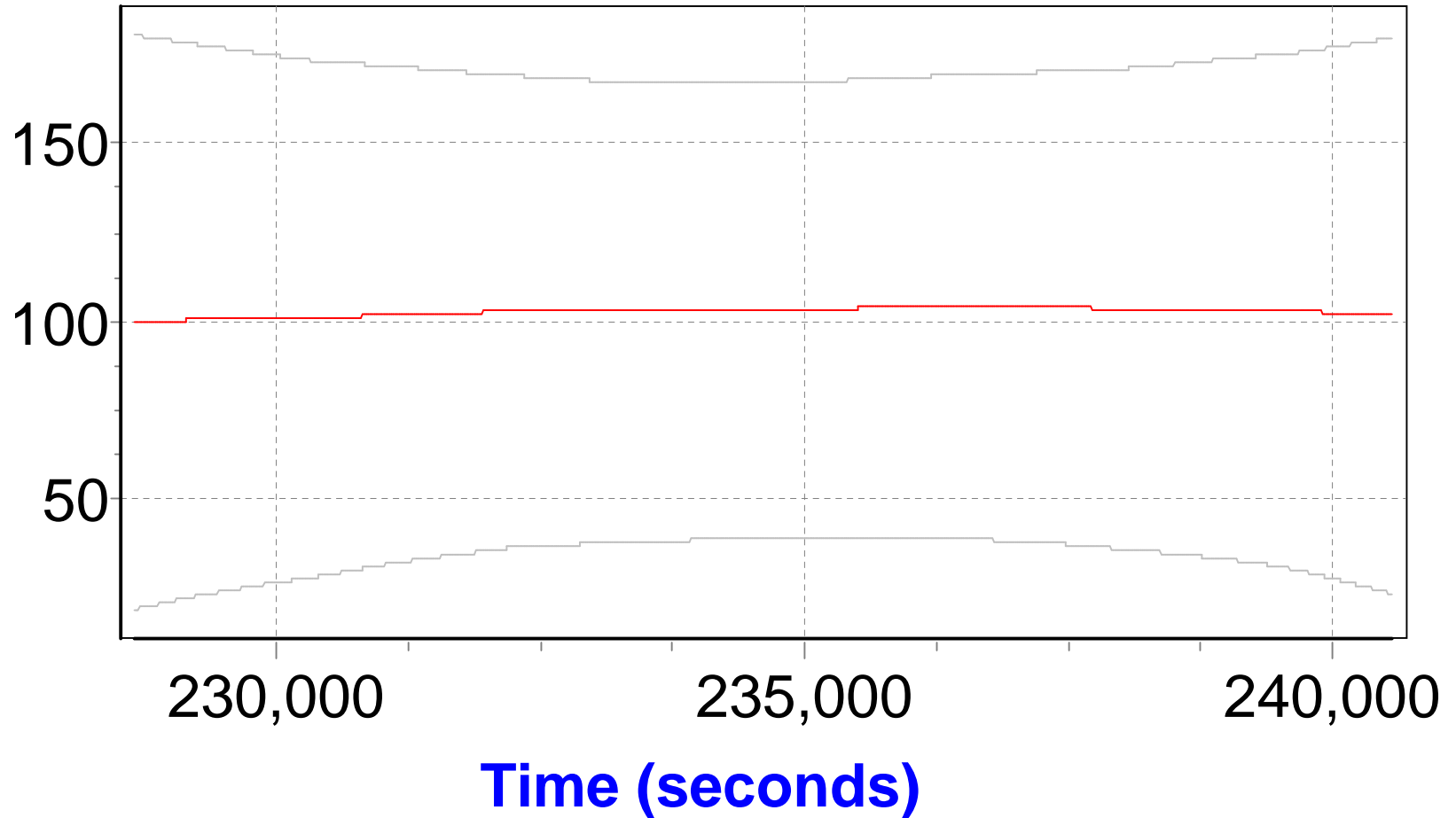
Y Gyro Bias (degrees/hour)



Z Gyro Bias (degrees/hour)



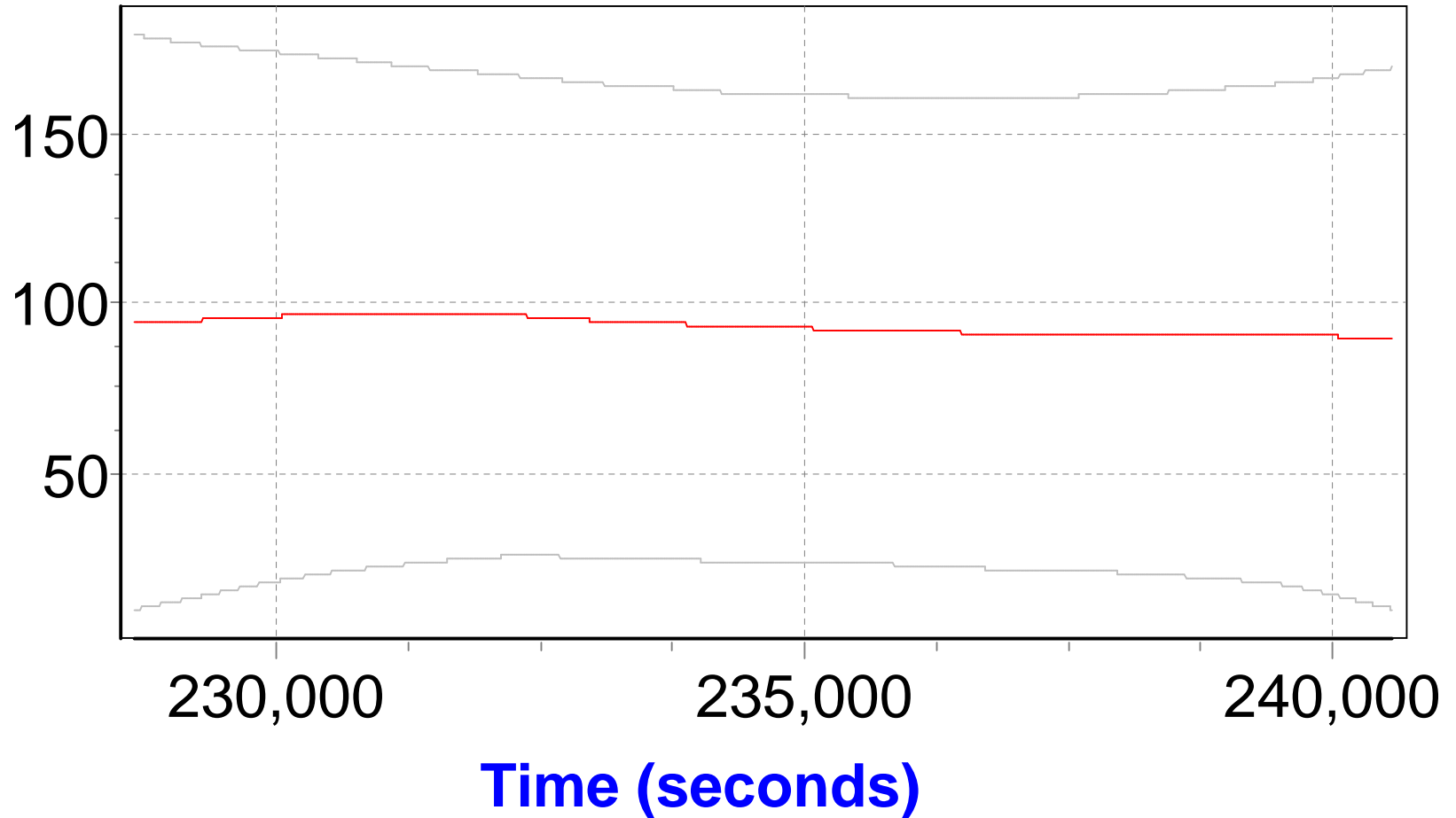
X Gyro Scale Factor Error (ppm)



G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

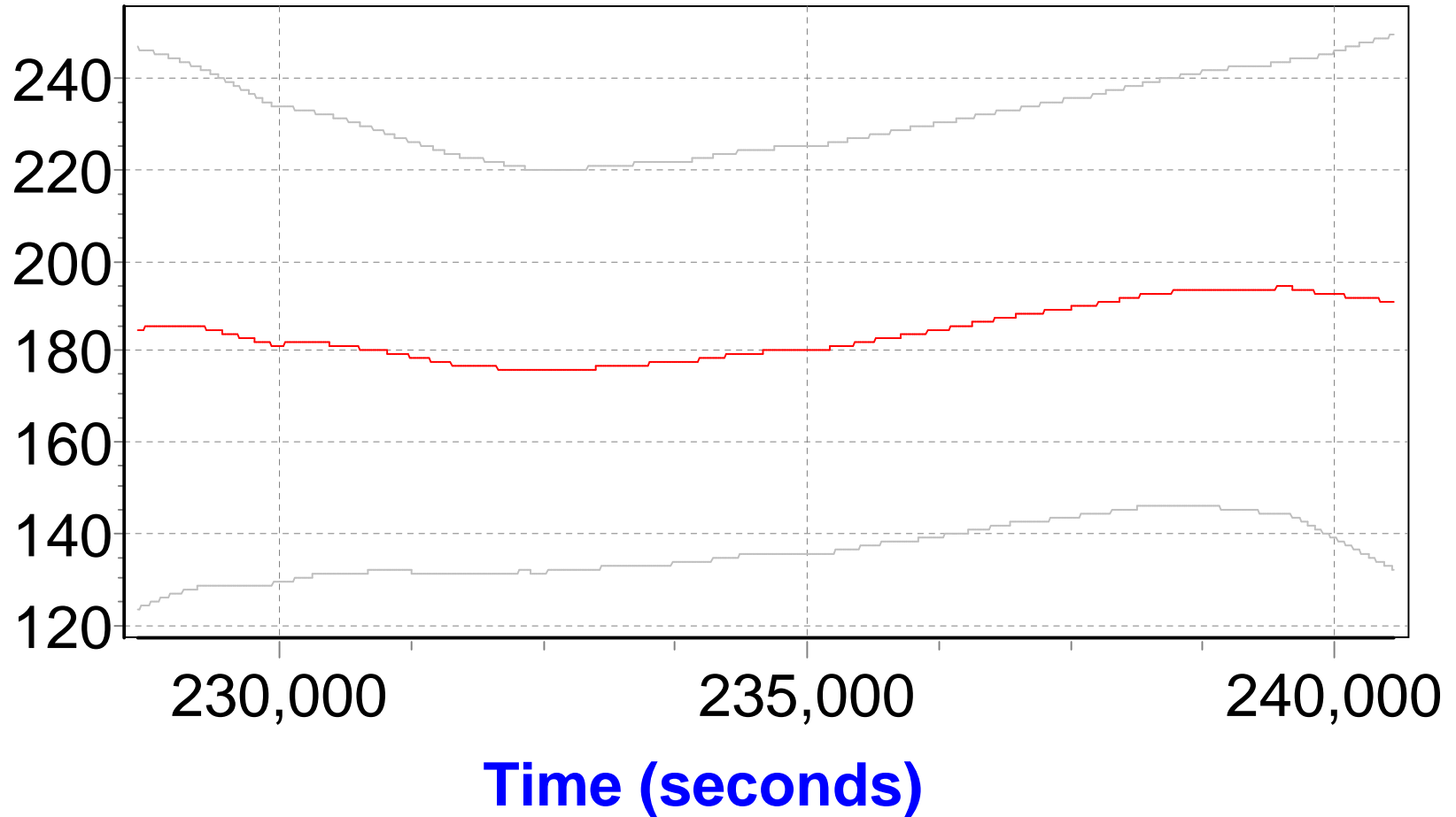
Y Gyro Scale Factor Error (ppm)



G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

Z Gyro Scale Factor Error (ppm)

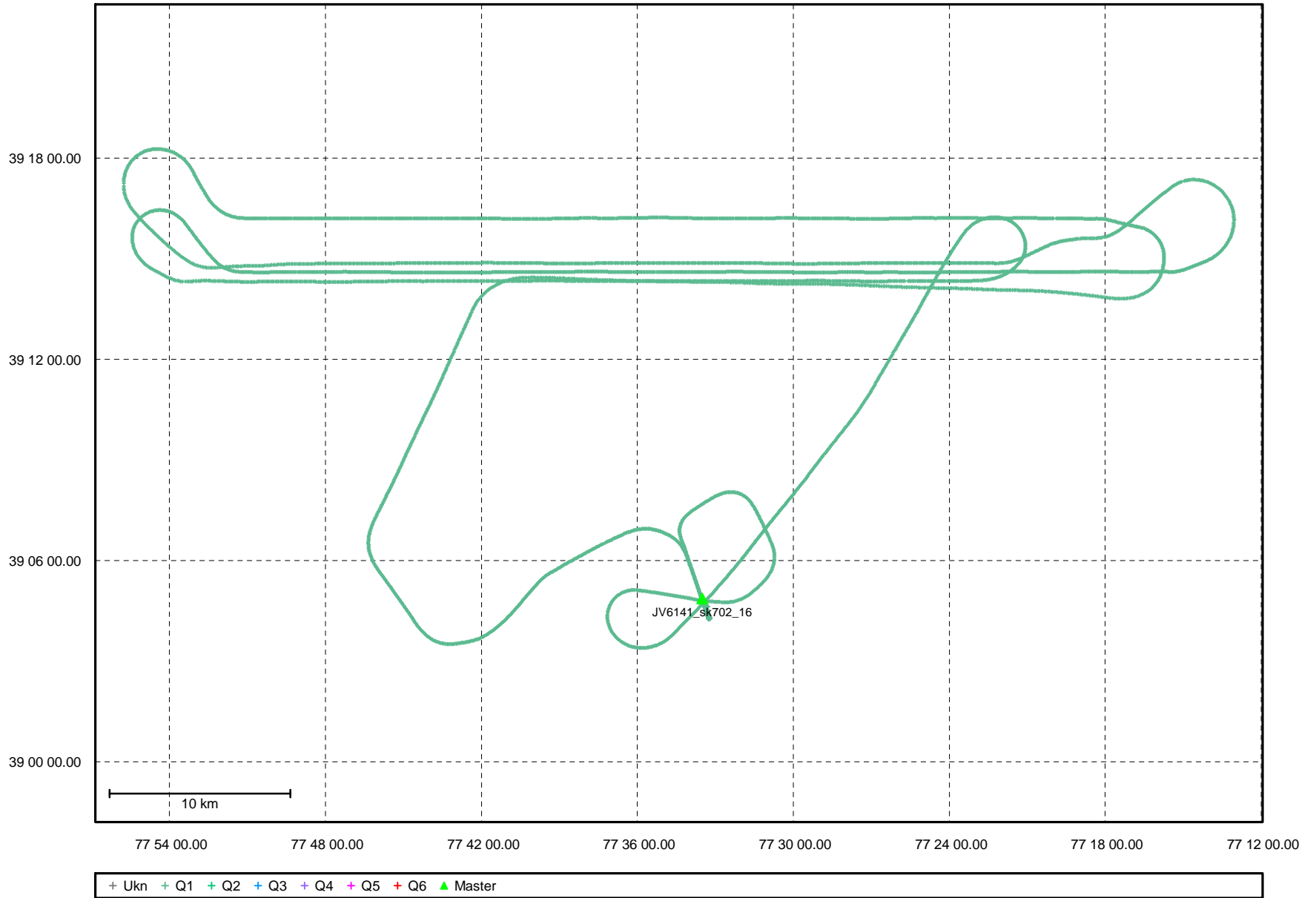


G:\o112094a\3_Processed\Extract\smers_o112094a.dat

G:\o112094a\3_Processed\Extract\smrms_o112094a.dat

Combined - Map Run (1)

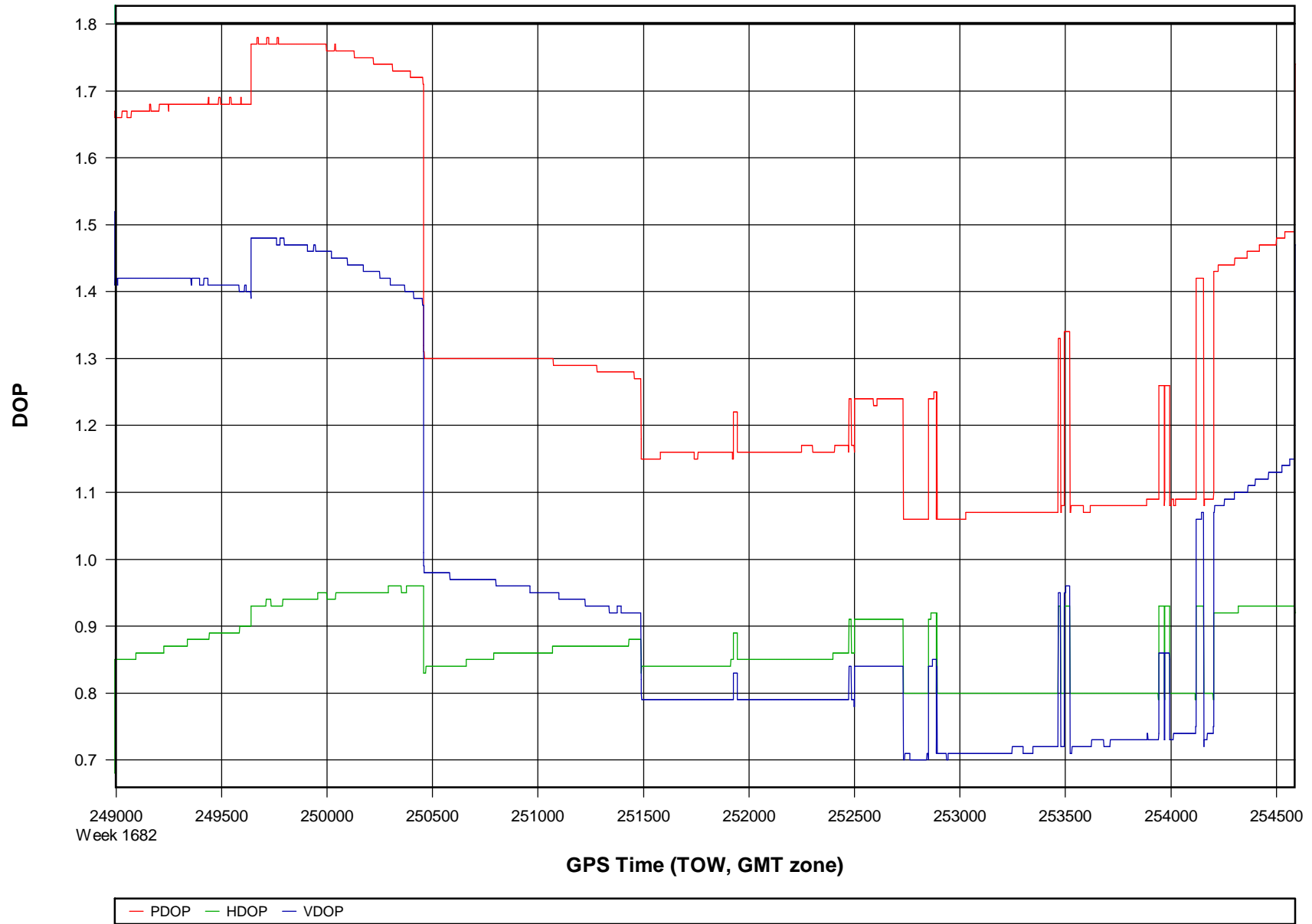
Geographic, DMS



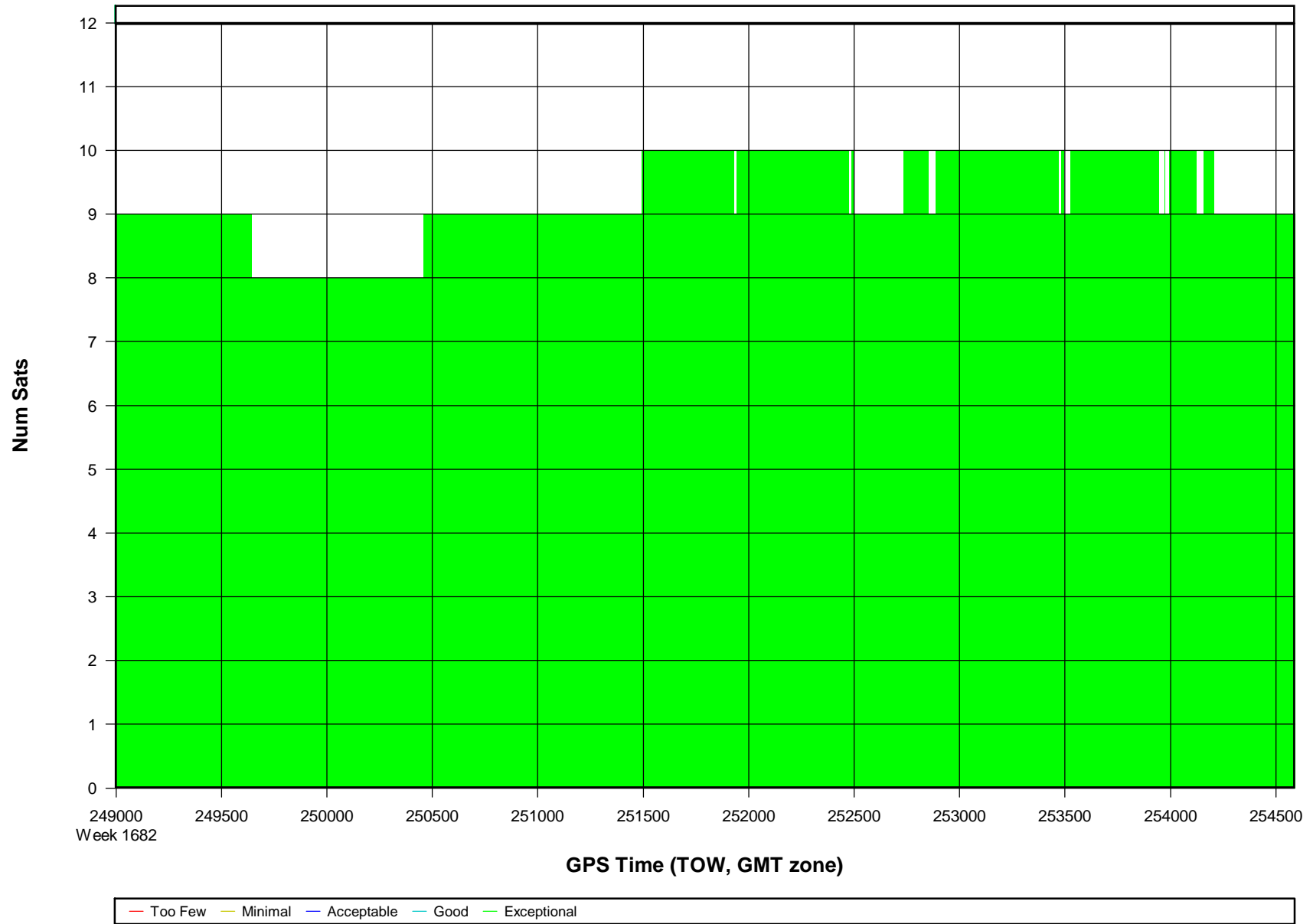
o112094b [Combined] - Forward/Reverse or Combined Separation Plot



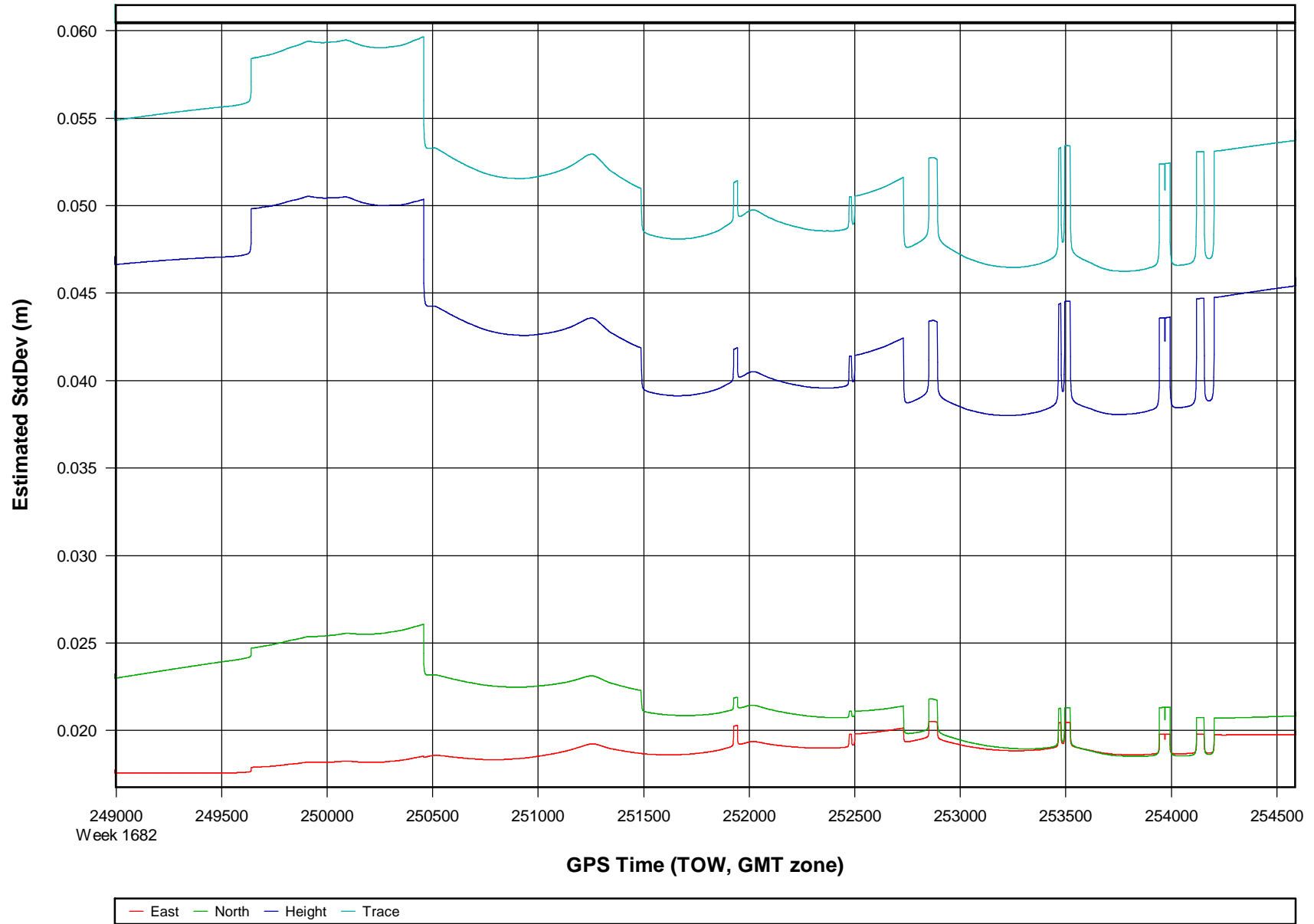
o112094b [Combined] - PDOP, HDOP, VDOP Plots



o112094b [Combined] - Number of Satellites Bar Plot



o112094b [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project: H:\o112094b\3_Processed\GPS\o112094b.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:
Total in GPB file: 56104
No processed position: 50511
Missing Fwd or Rev: 3
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:
L1 Phase: 0.0198 (m)
C/A Code: 0.64 (m)
L1 Doppler: 0.026 (m/s)

Fwd/Rev Separation RMS Values:
East: 0.003 (m)
North: 0.022 (m)
Height: 0.017 (m)

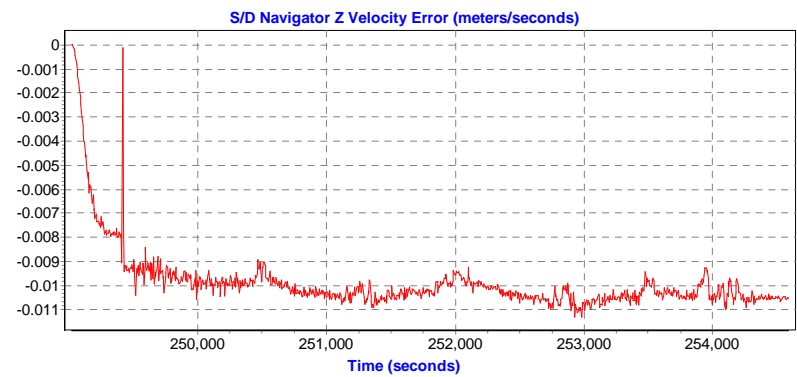
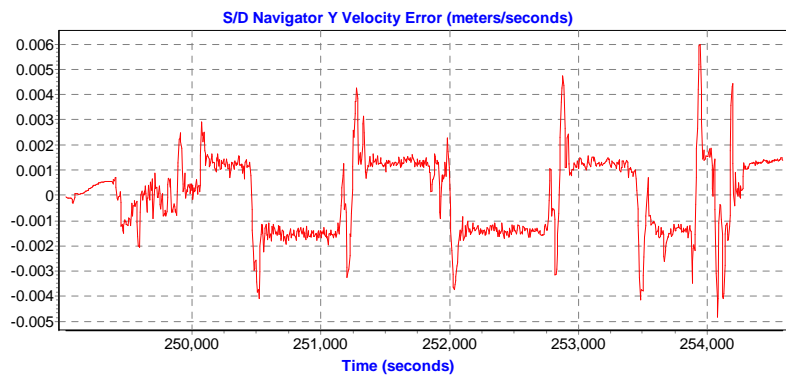
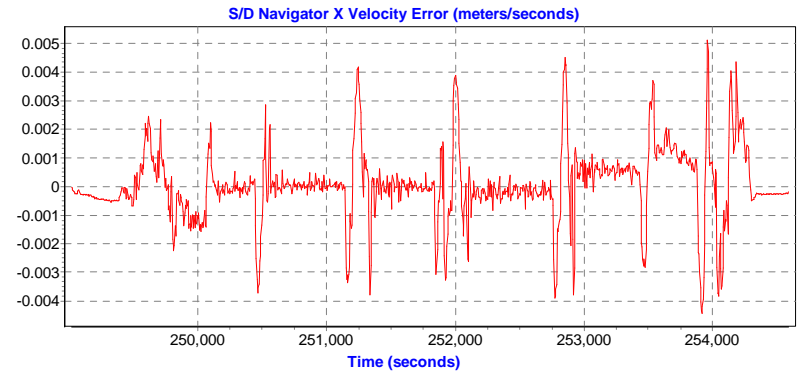
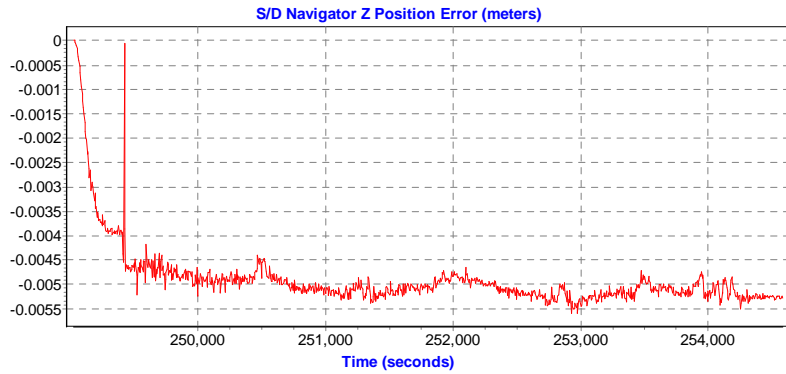
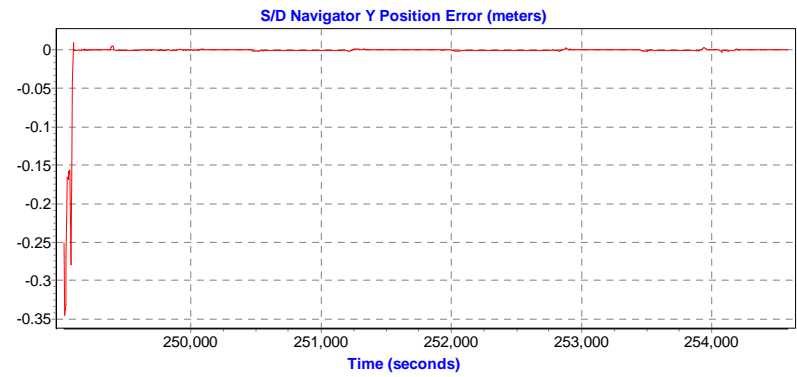
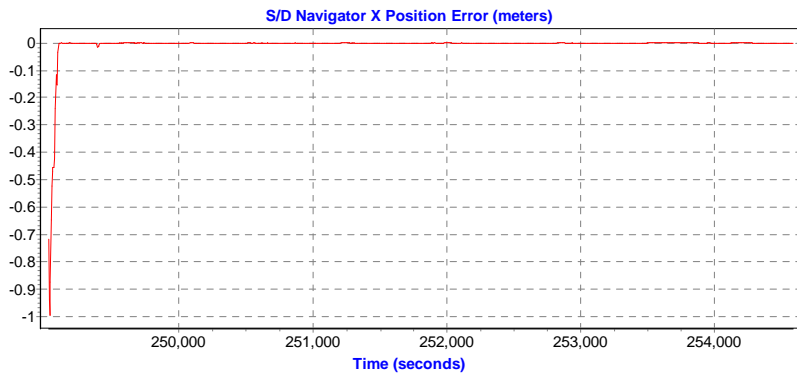
Fwd/Rev Sep. RMS for 25%-75% weighting (5588 occurrences):
East: 0.003 (m)
North: 0.020 (m)
Height: 0.016 (m)

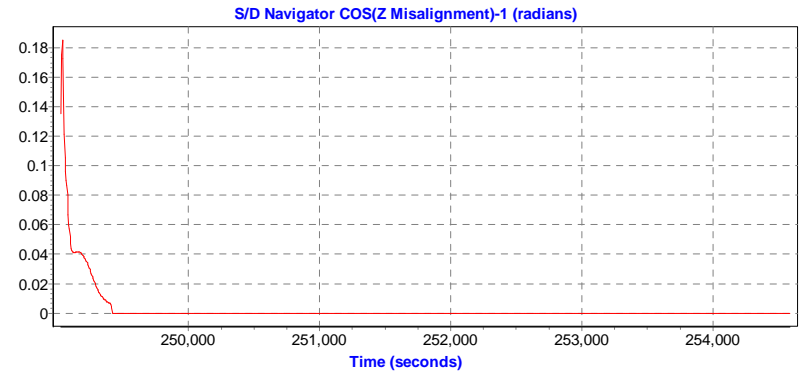
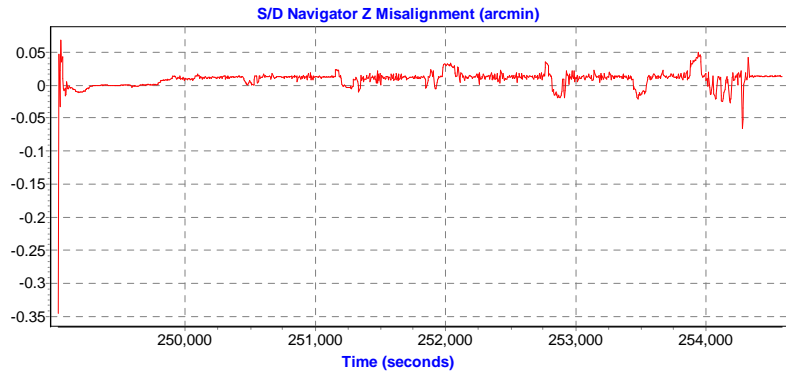
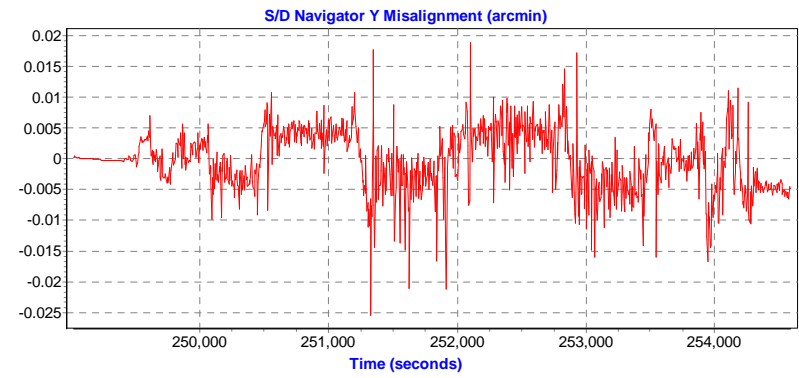
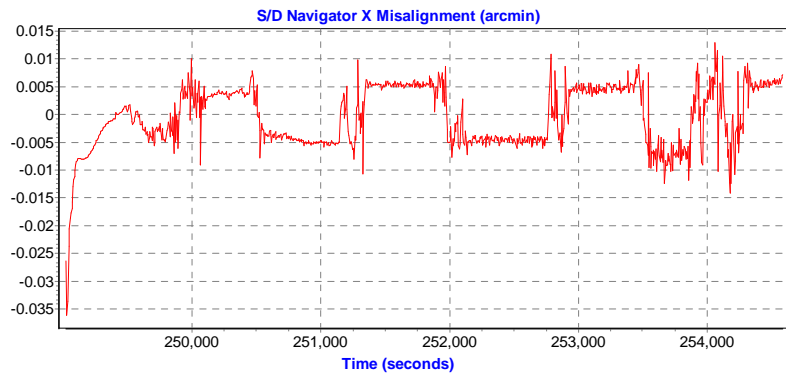
Quality Number Percentages:
Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

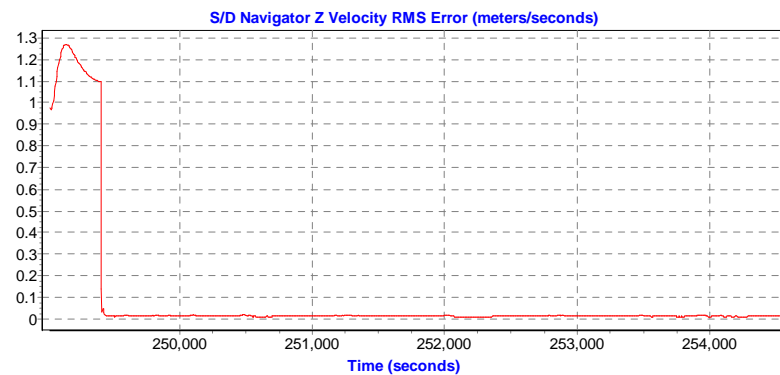
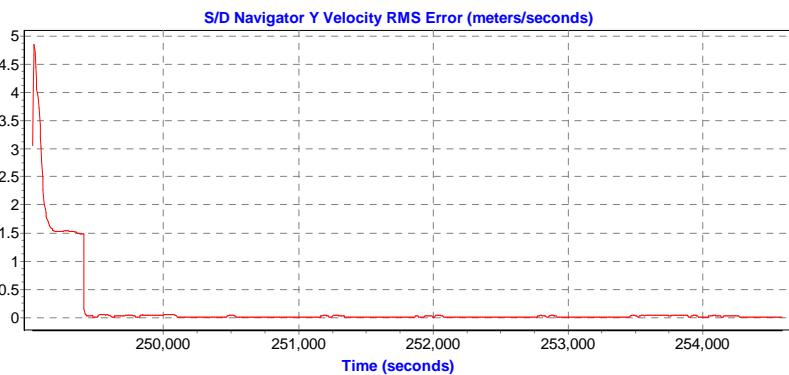
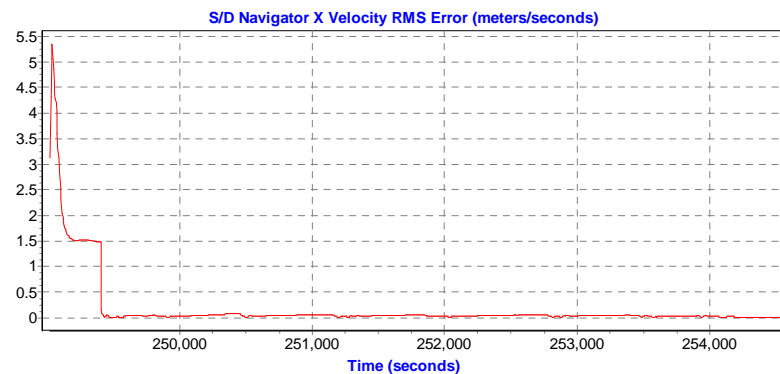
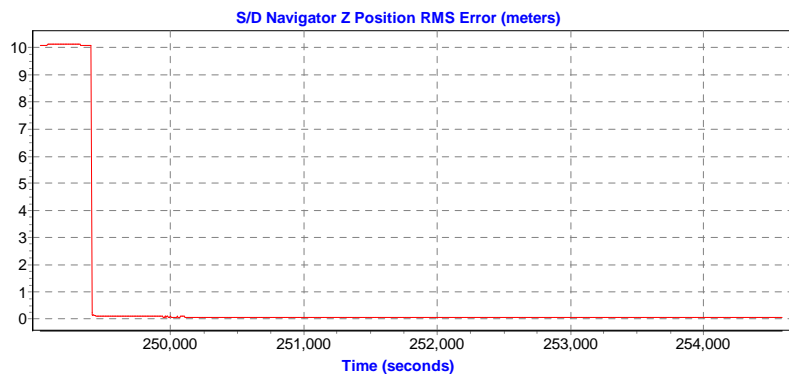
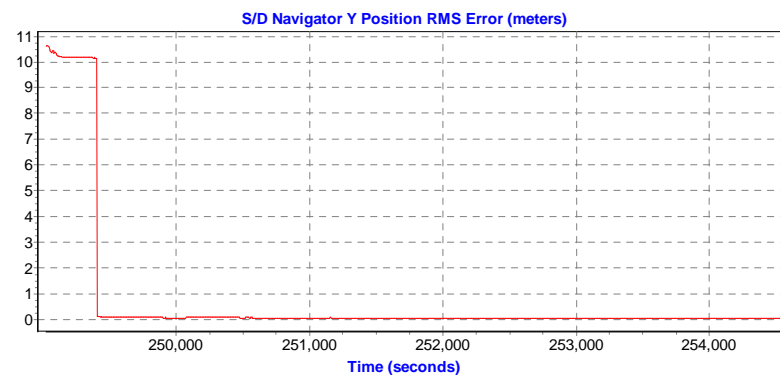
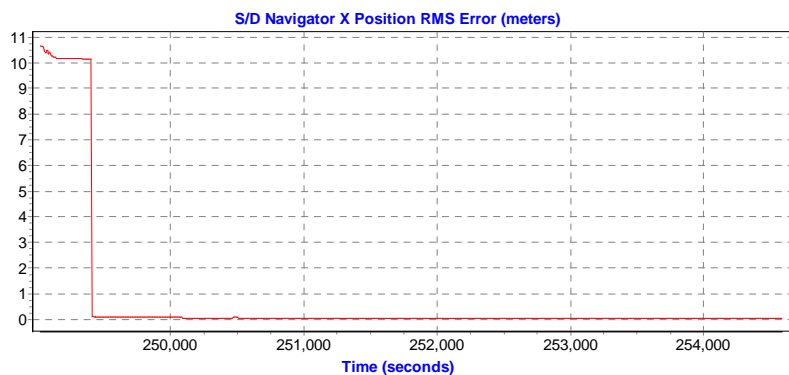
Position Standard Deviation Percentages:
0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

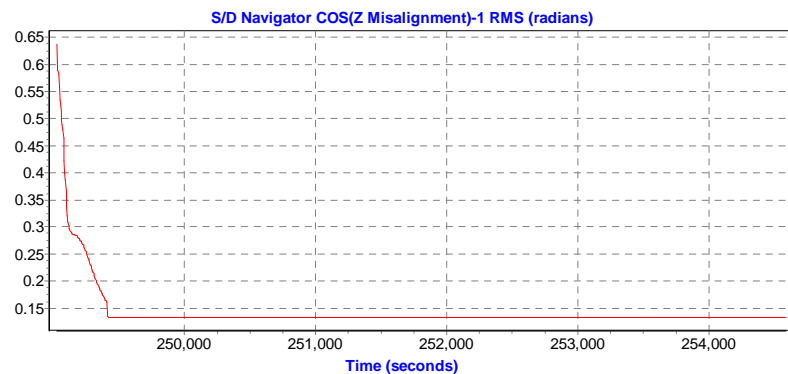
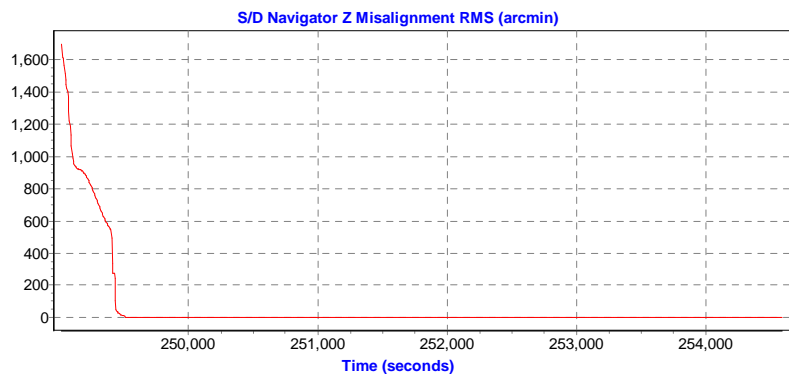
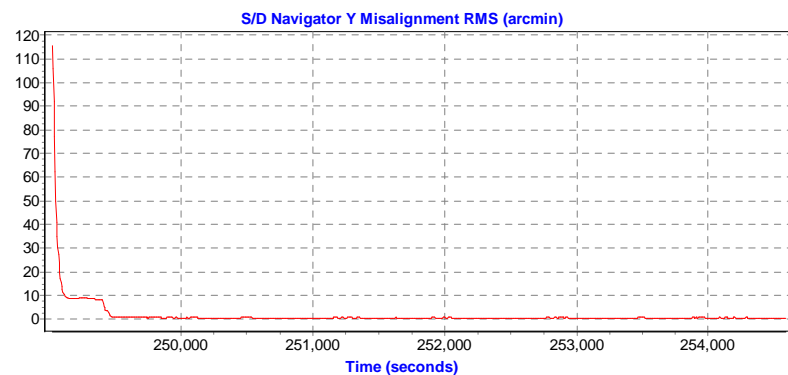
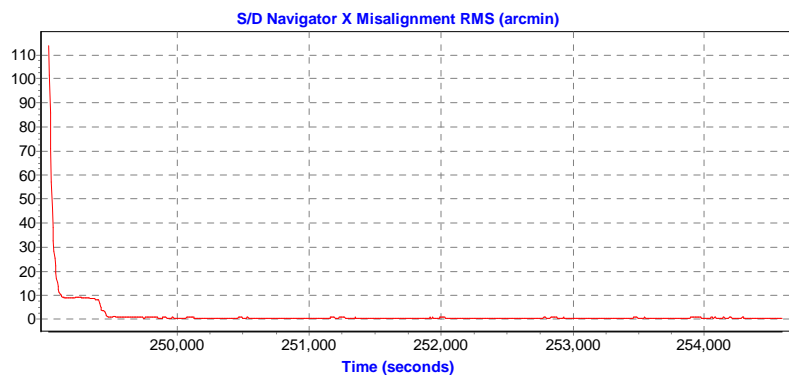
Percentages of epochs with DD_DOP over 10.00:
DOP over Tol: 0.0 %

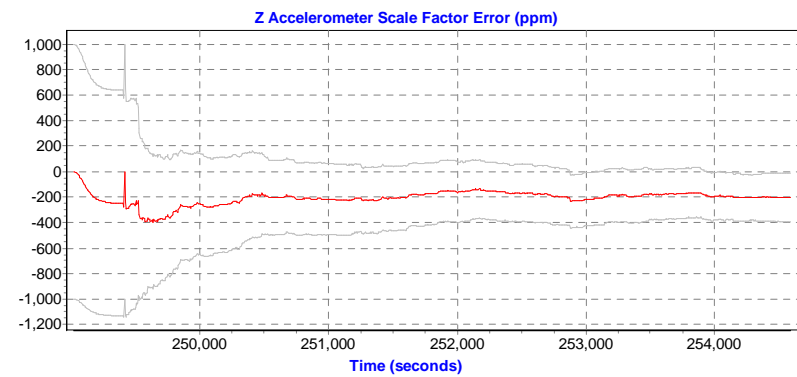
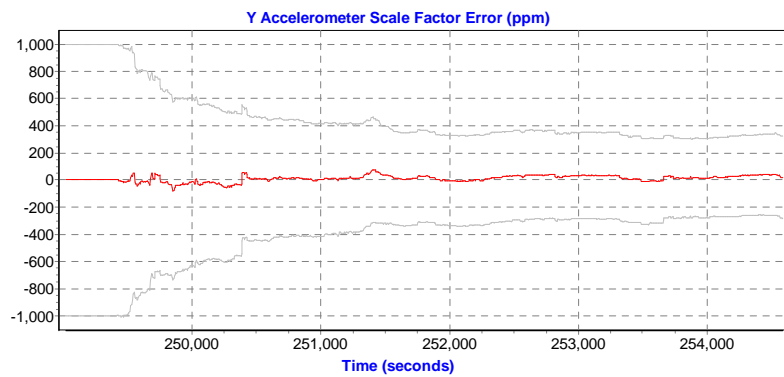
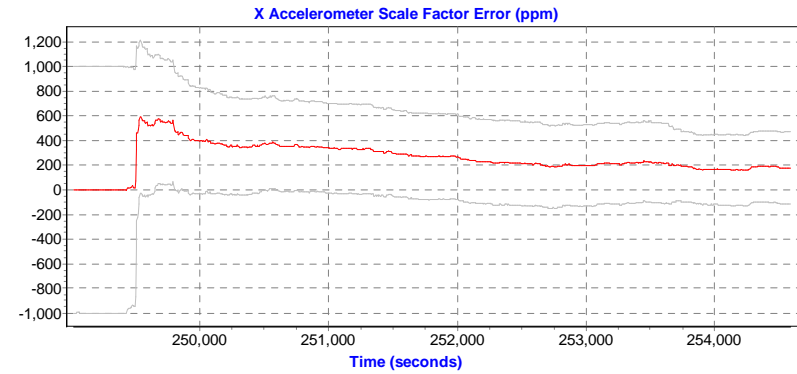
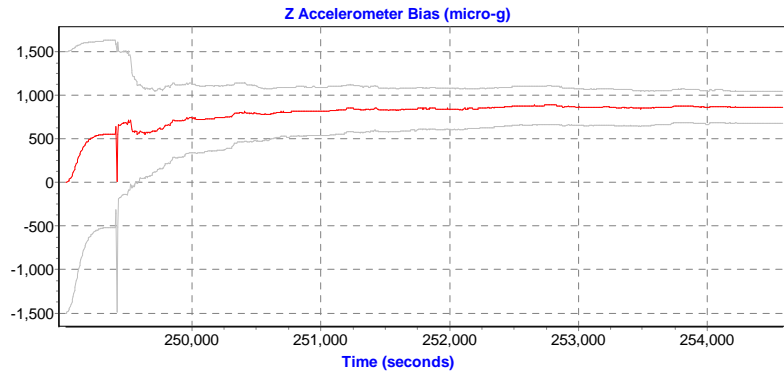
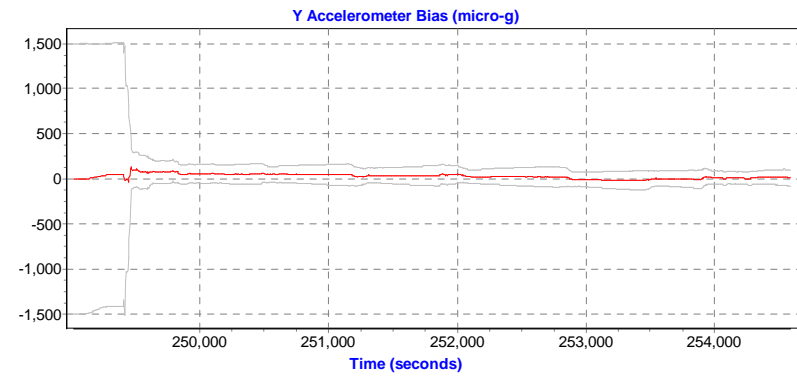
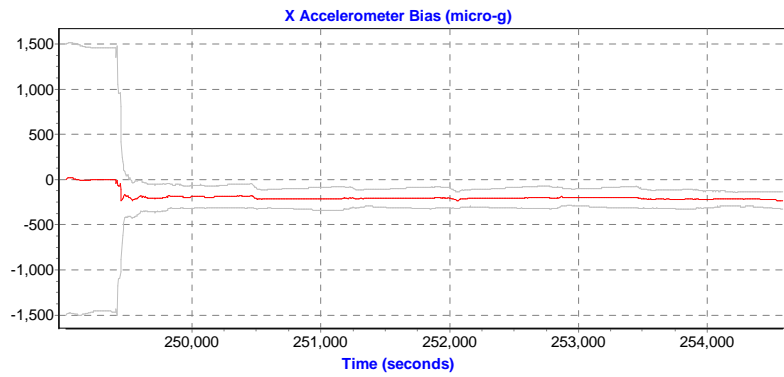
Baseline Distances:
Maximum: 39.794 (km)
Minimum: 0.037 (km)
Average: 17.866 (km)
First Epoch: 0.659 (km)
Last Epoch: 0.540 (km)

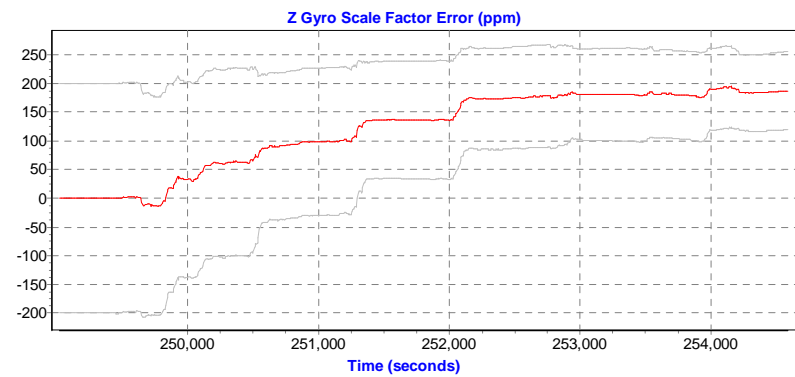
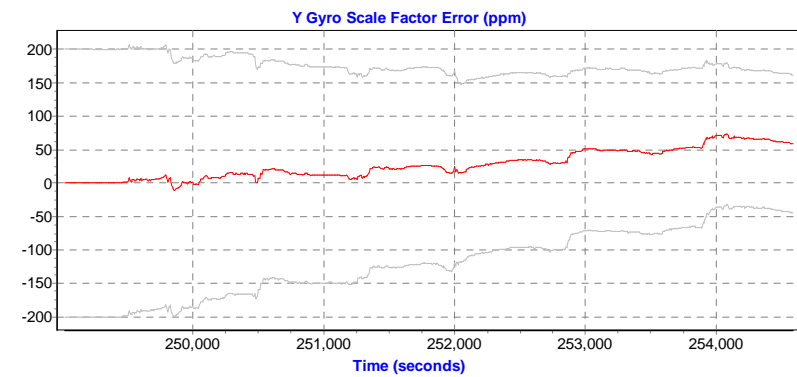
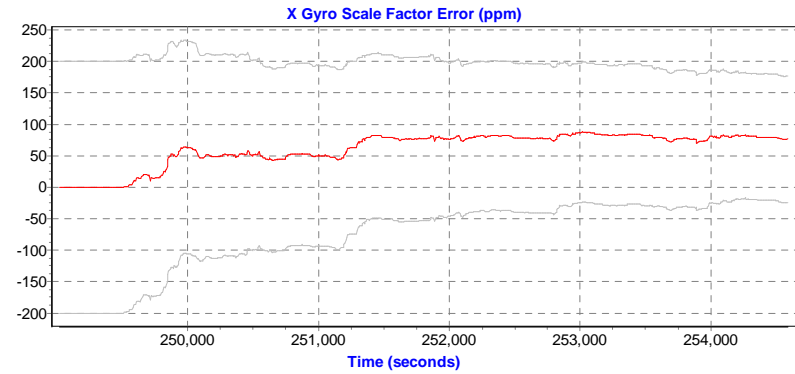
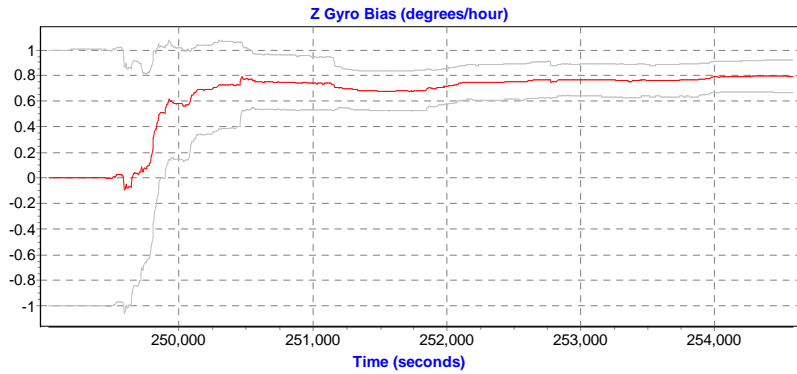
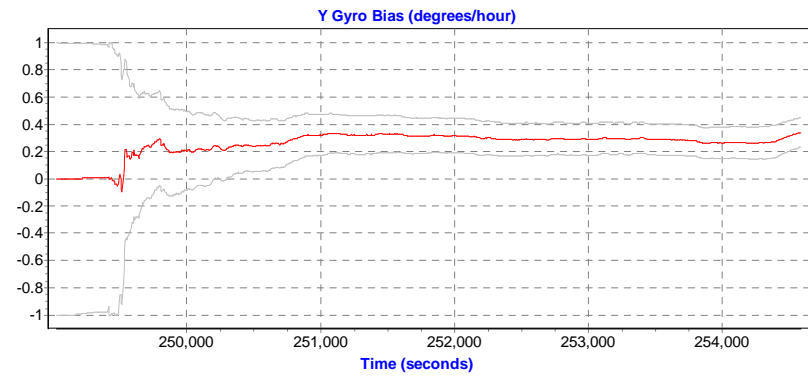
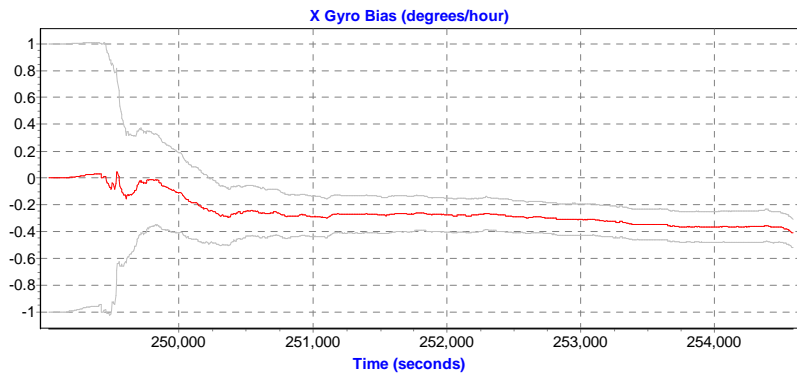


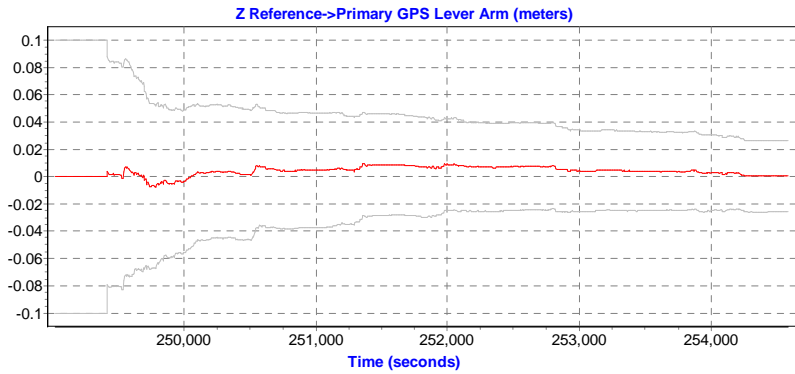
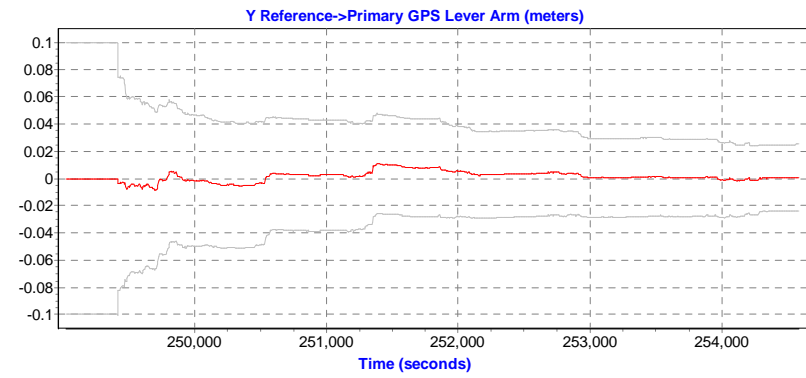
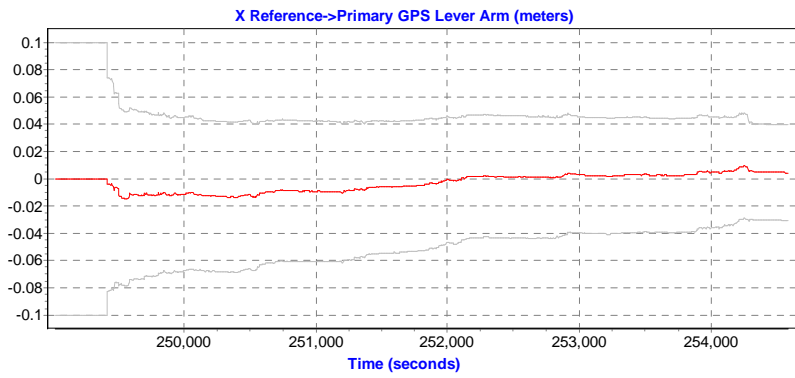






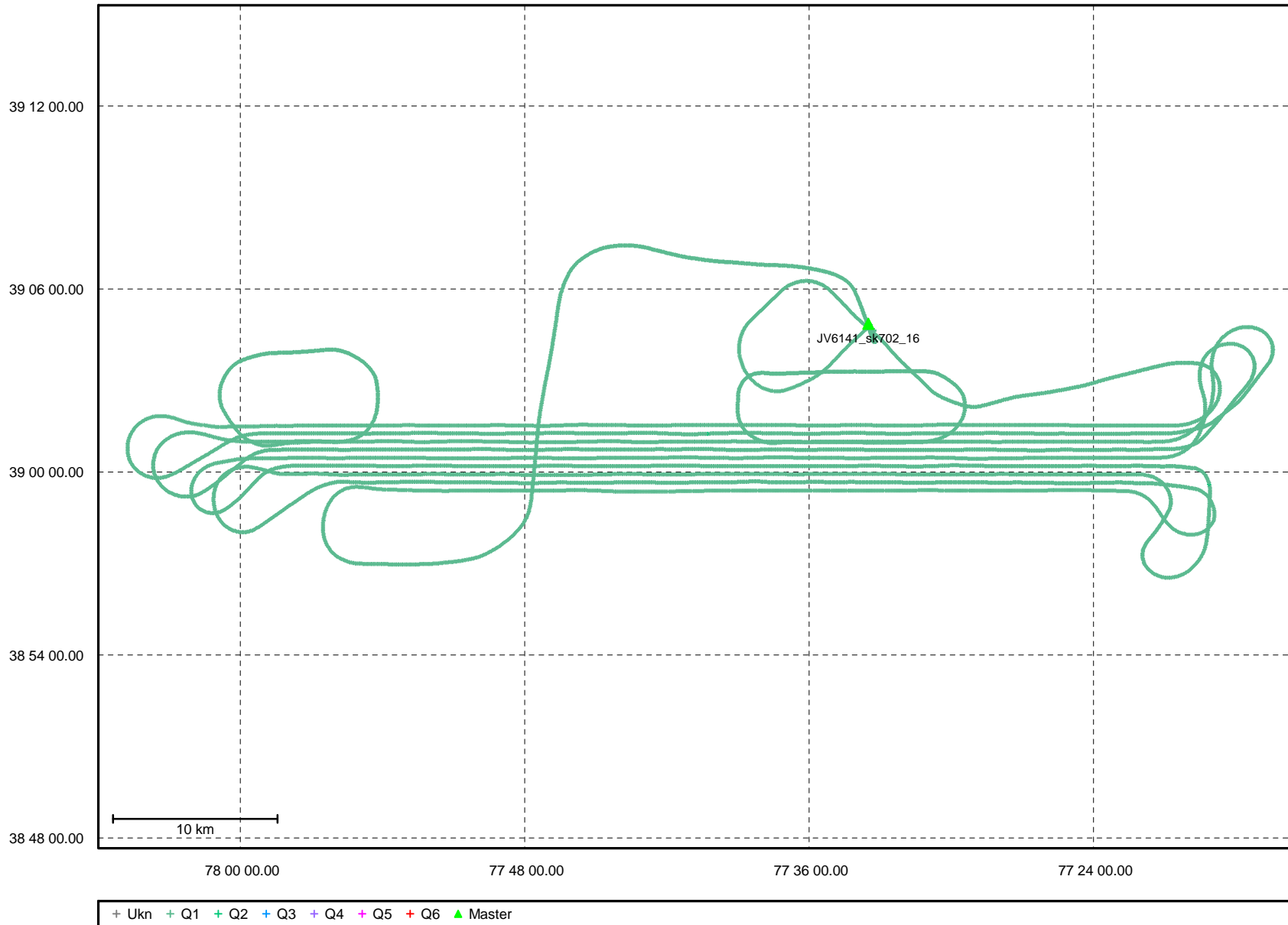




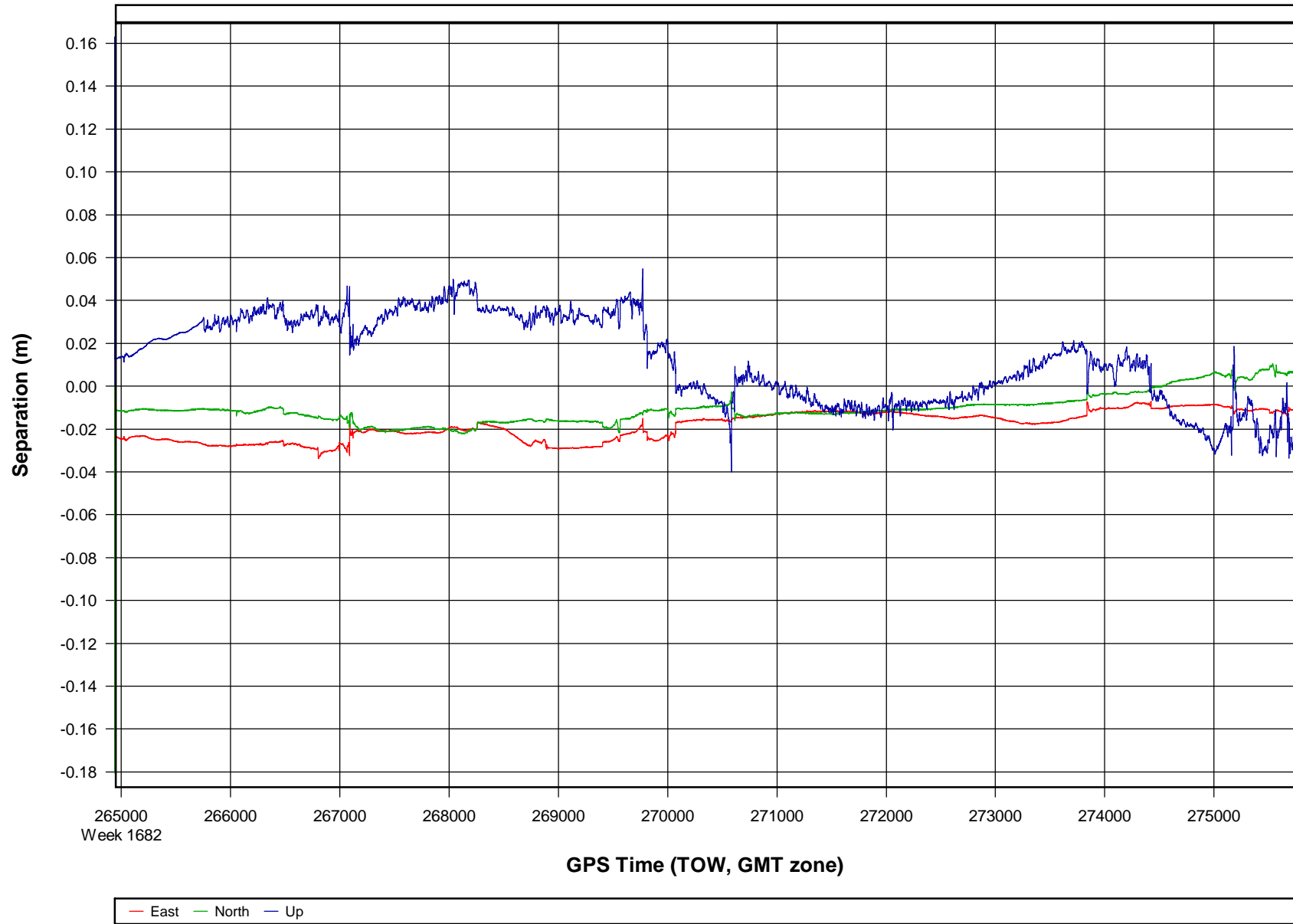


Combined - Map Run (7)

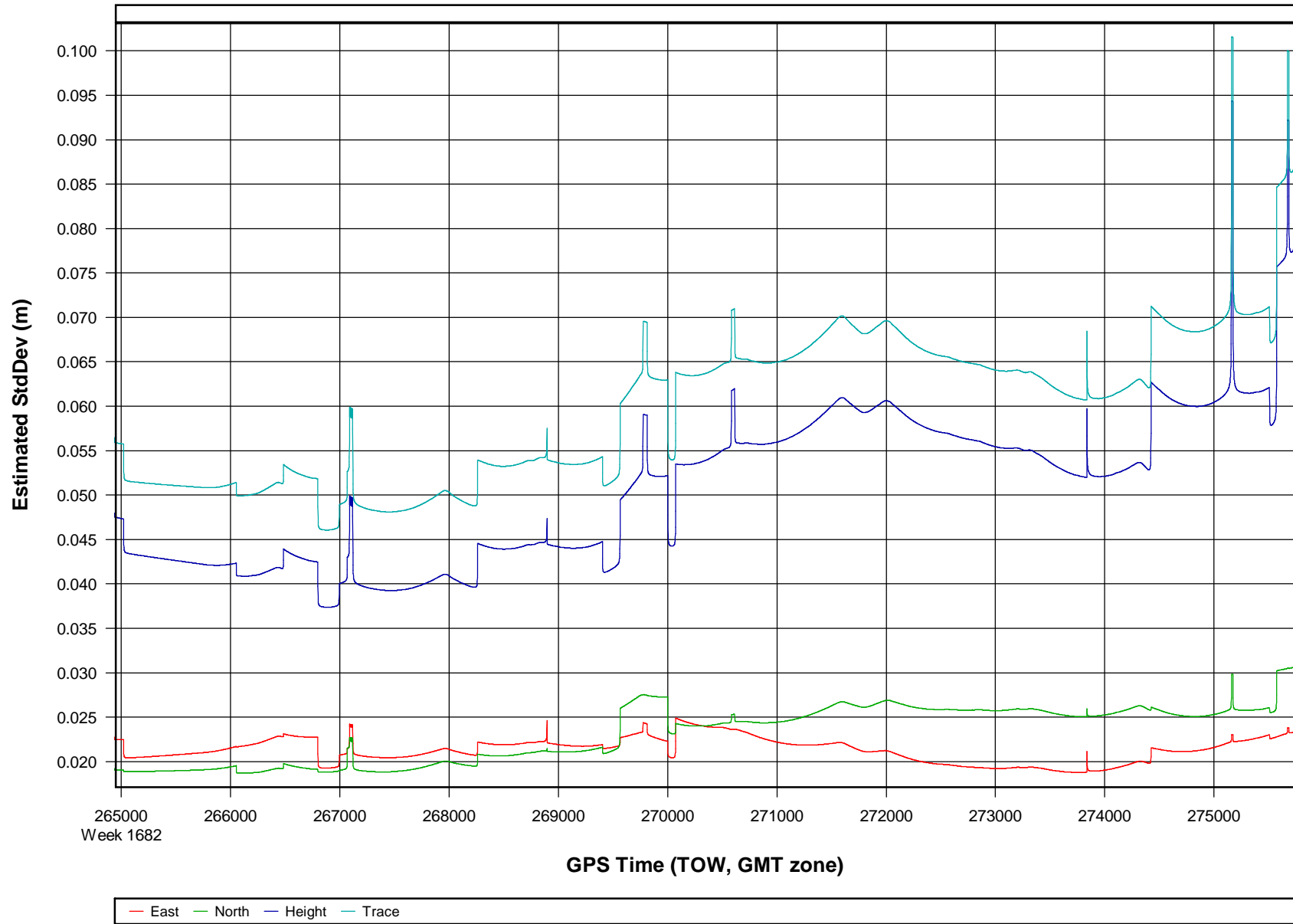
Geographic, DMS



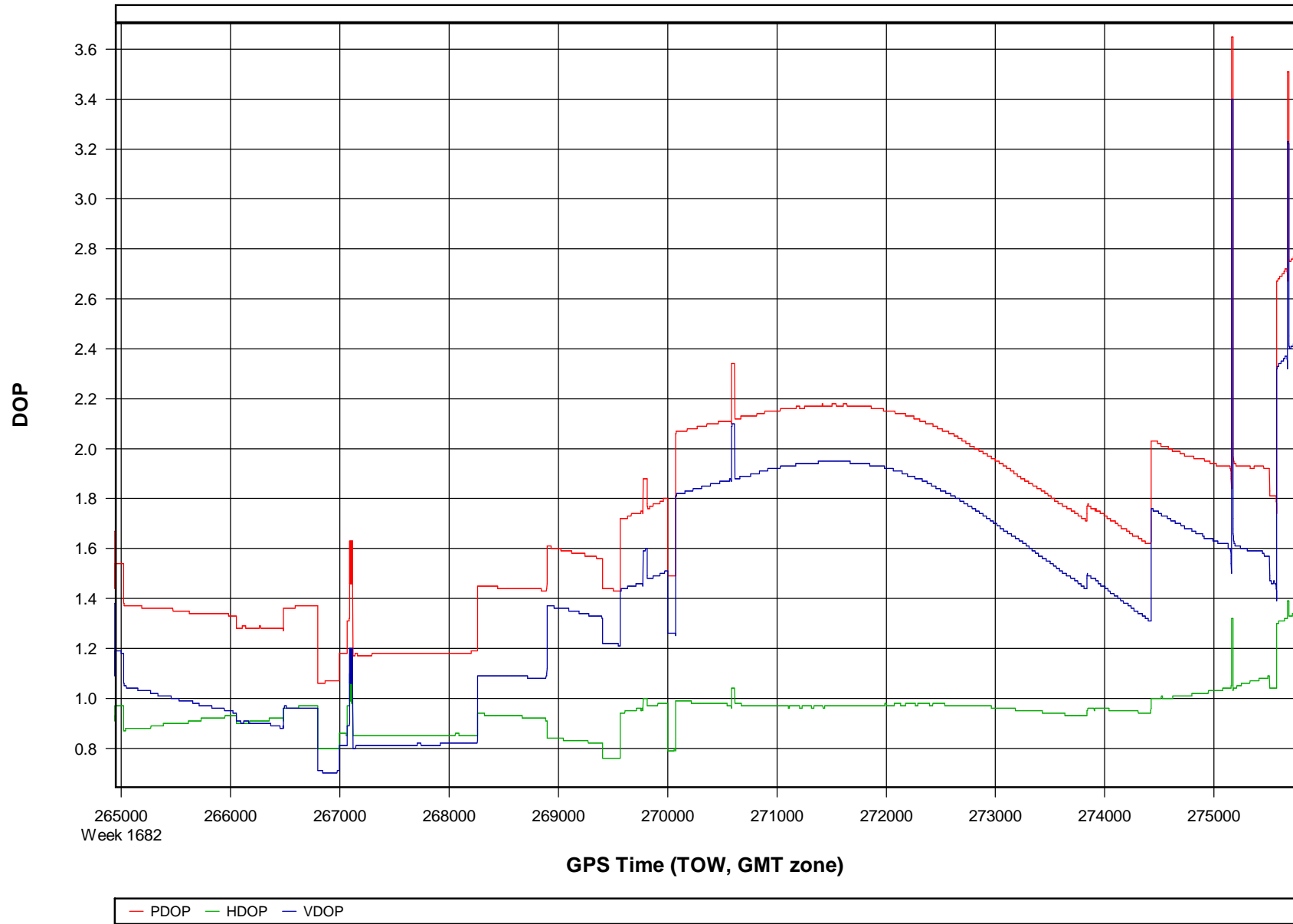
o112094c [Combined] - Forward/Reverse or Combined Separation Plot



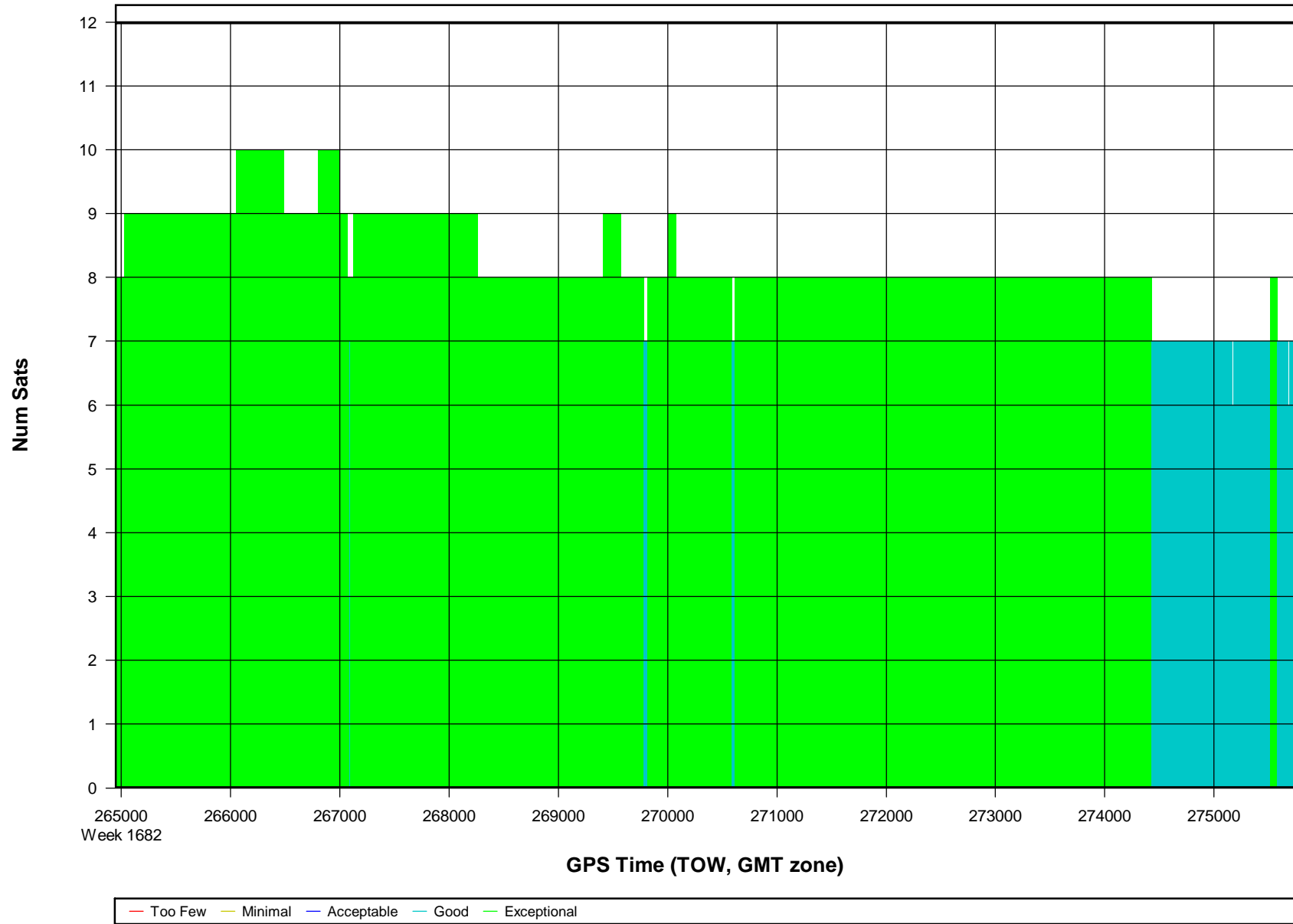
o112094c [Combined] - Estimated Position Accuracy Plot



o112094c [Combined] - PDOP, HDOP, VDOP Plots



o112094c [Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: POSGNSS
Version: 4.40.2710
Project: G:\o112094c\3_Processed\GPS\o112094c.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:
Total in GPB file: 118686
No processed position: 107877
Missing Fwd or Rev: 3
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:
L1 Phase: 0.0144 (m)
C/A Code: 0.66 (m)
L1 Doppler: 0.026 (m/s)

Fwd/Rev Separation RMS Values:
East: 0.020 (m)
North: 0.013 (m)
Height: 0.024 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (10804 occurrences):
East: 0.020 (m)
North: 0.013 (m)
Height: 0.024 (m)

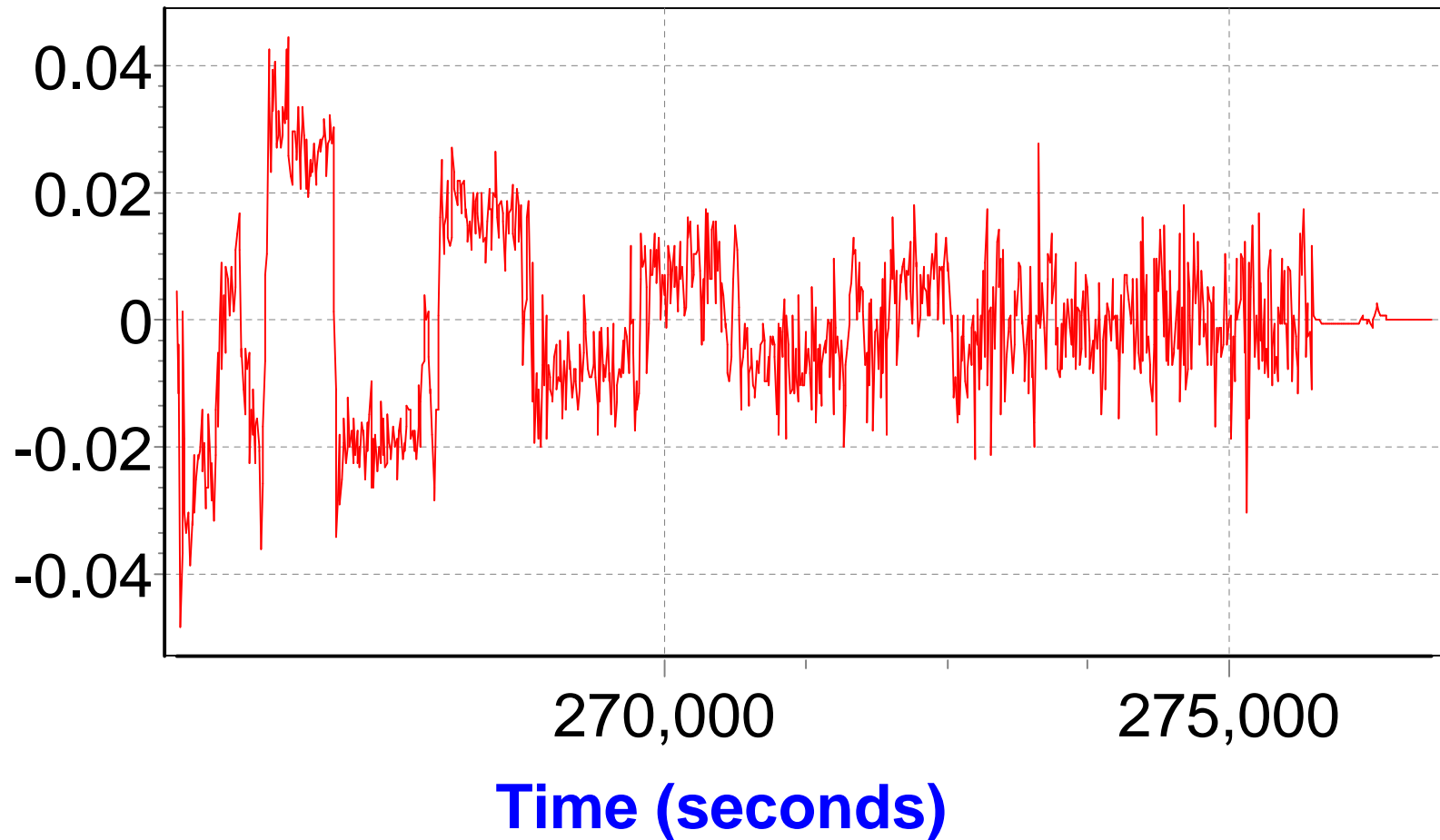
Quality Number Percentages:
Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:
0.00 - 0.10 m: 99.8 %
0.10 - 0.30 m: 0.2 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

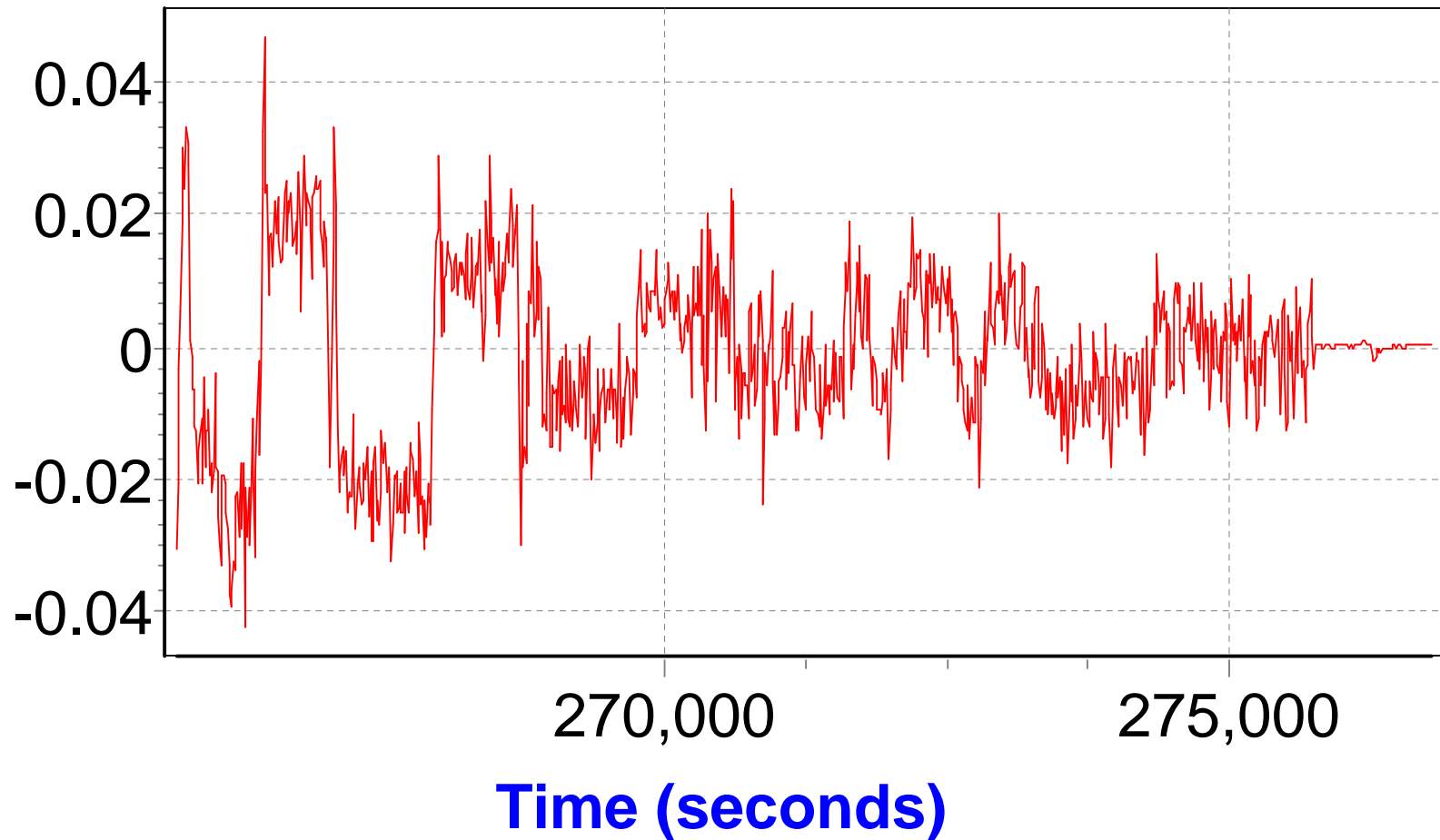
Percentages of epochs with DD_DOP over 10.00:
DOP over Tol: 0.0 %

Baseline Distances:
Maximum: 45.773 (km)
Minimum: 0.048 (km)
Average: 18.303 (km)
First Epoch: 0.565 (km)
Last Epoch: 1.042 (km)

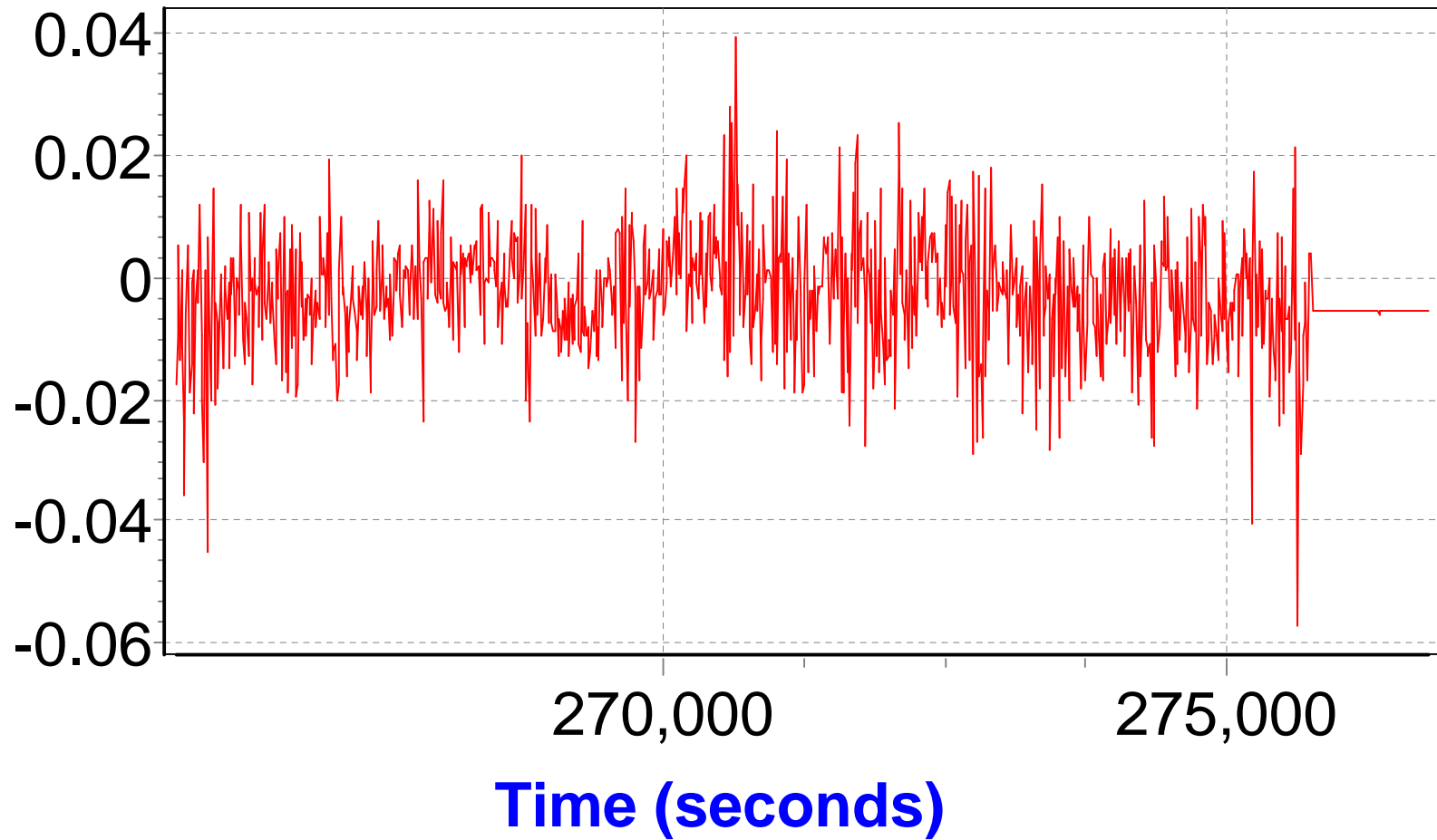
S/D Navigator X Position Error (meters)



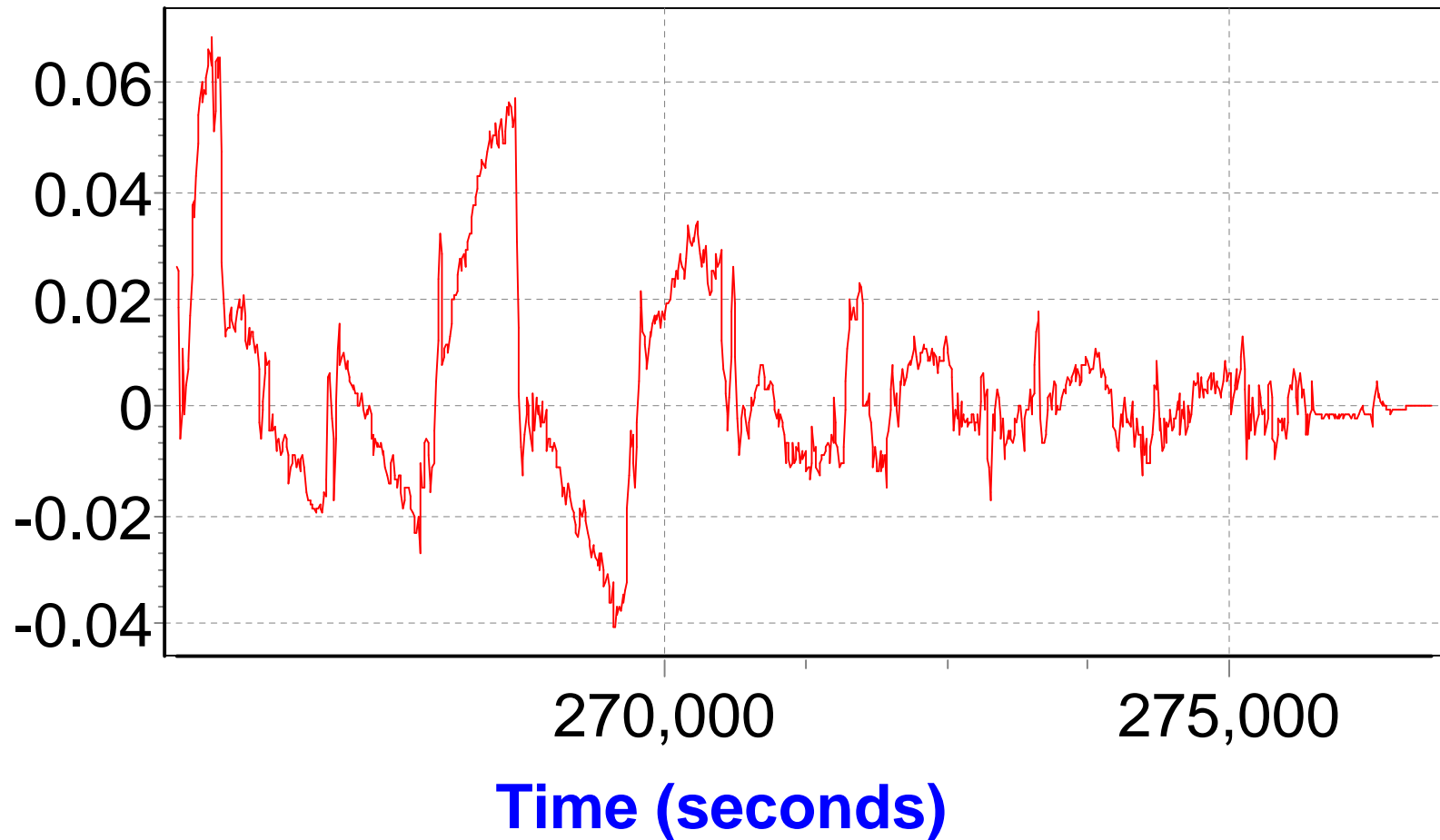
S/D Navigator Y Position Error (meters)



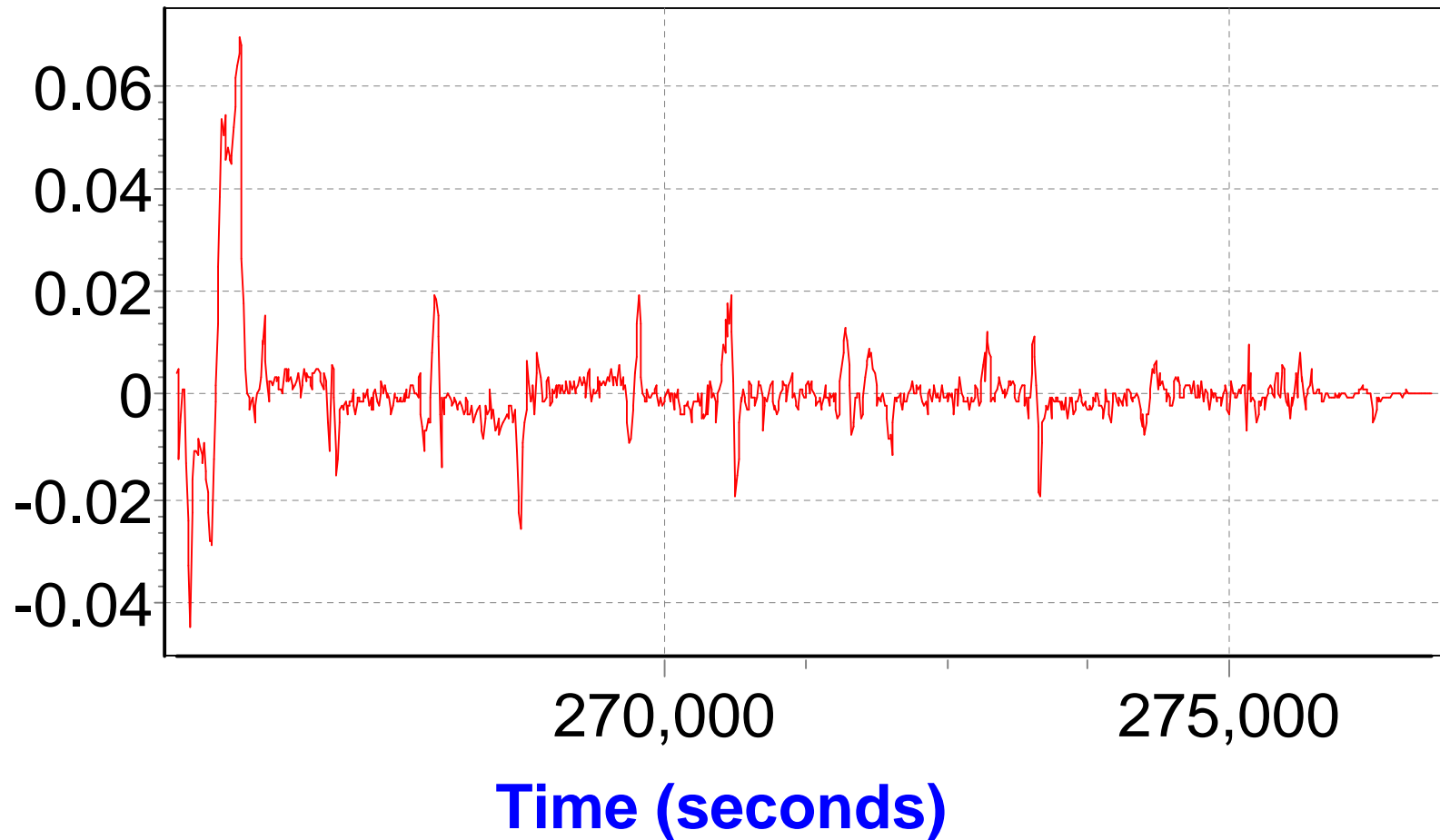
S/D Navigator Z Position Error (meters)



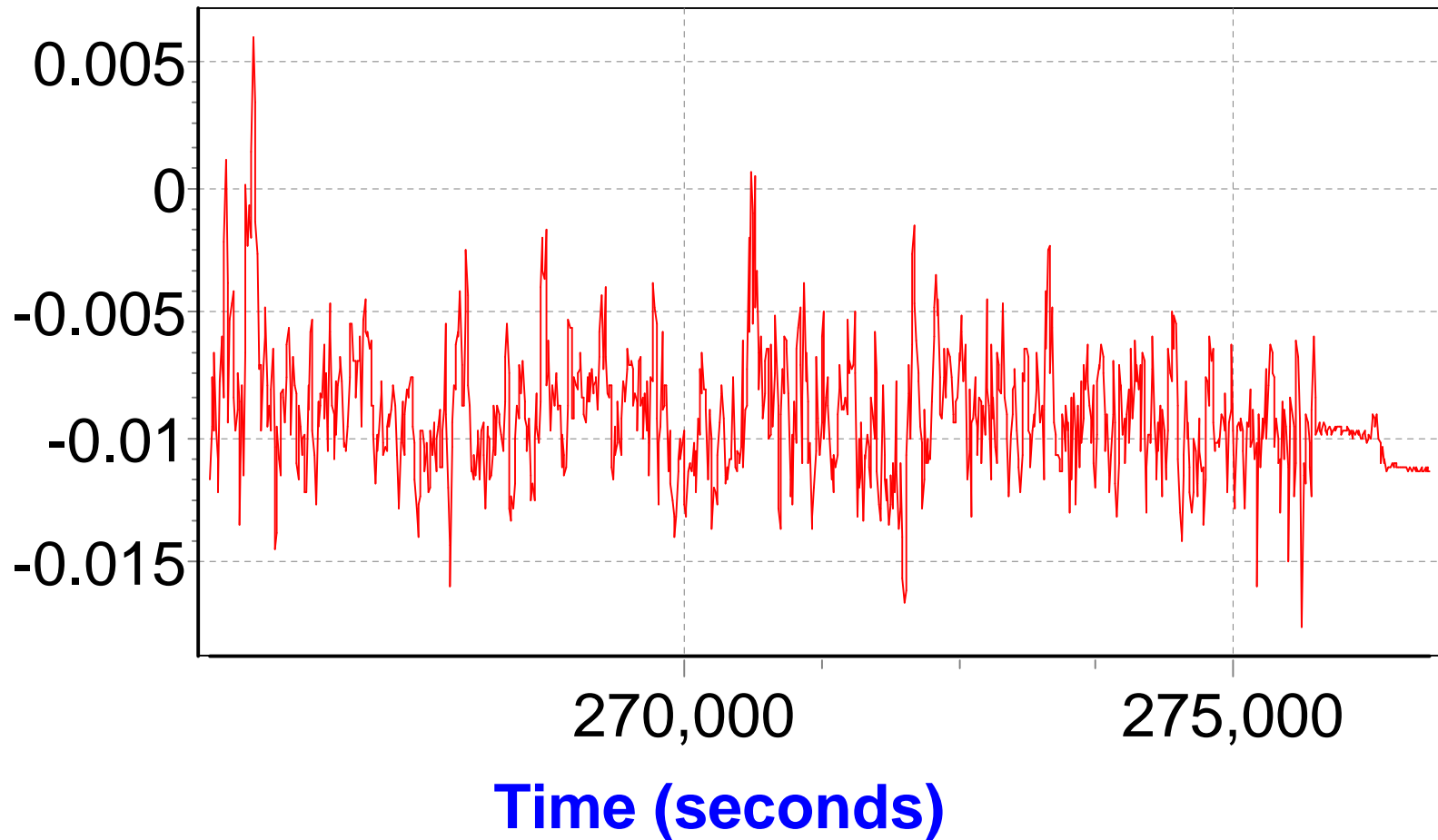
S/D Navigator X Velocity Error (meters/seconds)



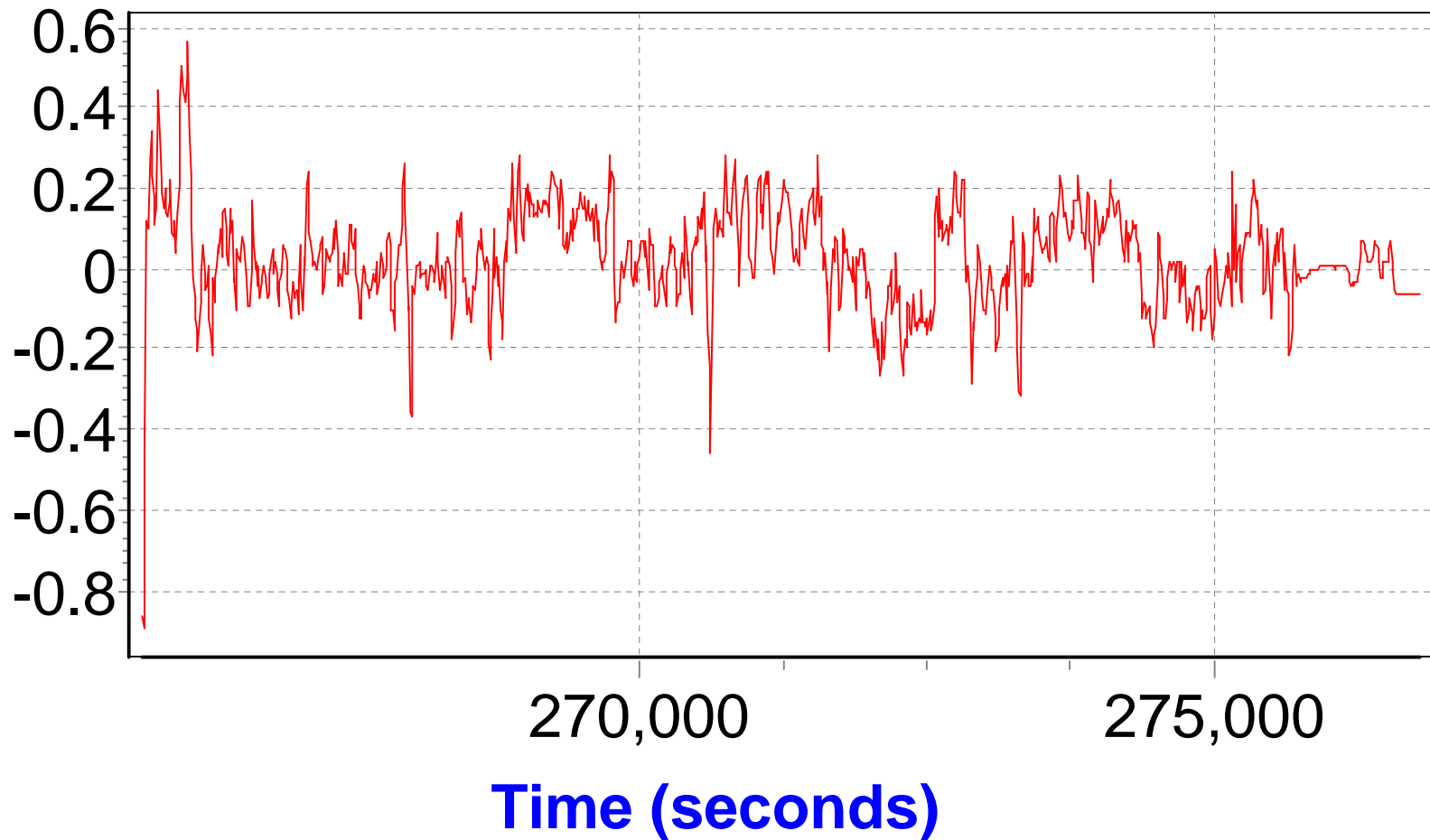
S/D Navigator Y Velocity Error (meters/seconds)



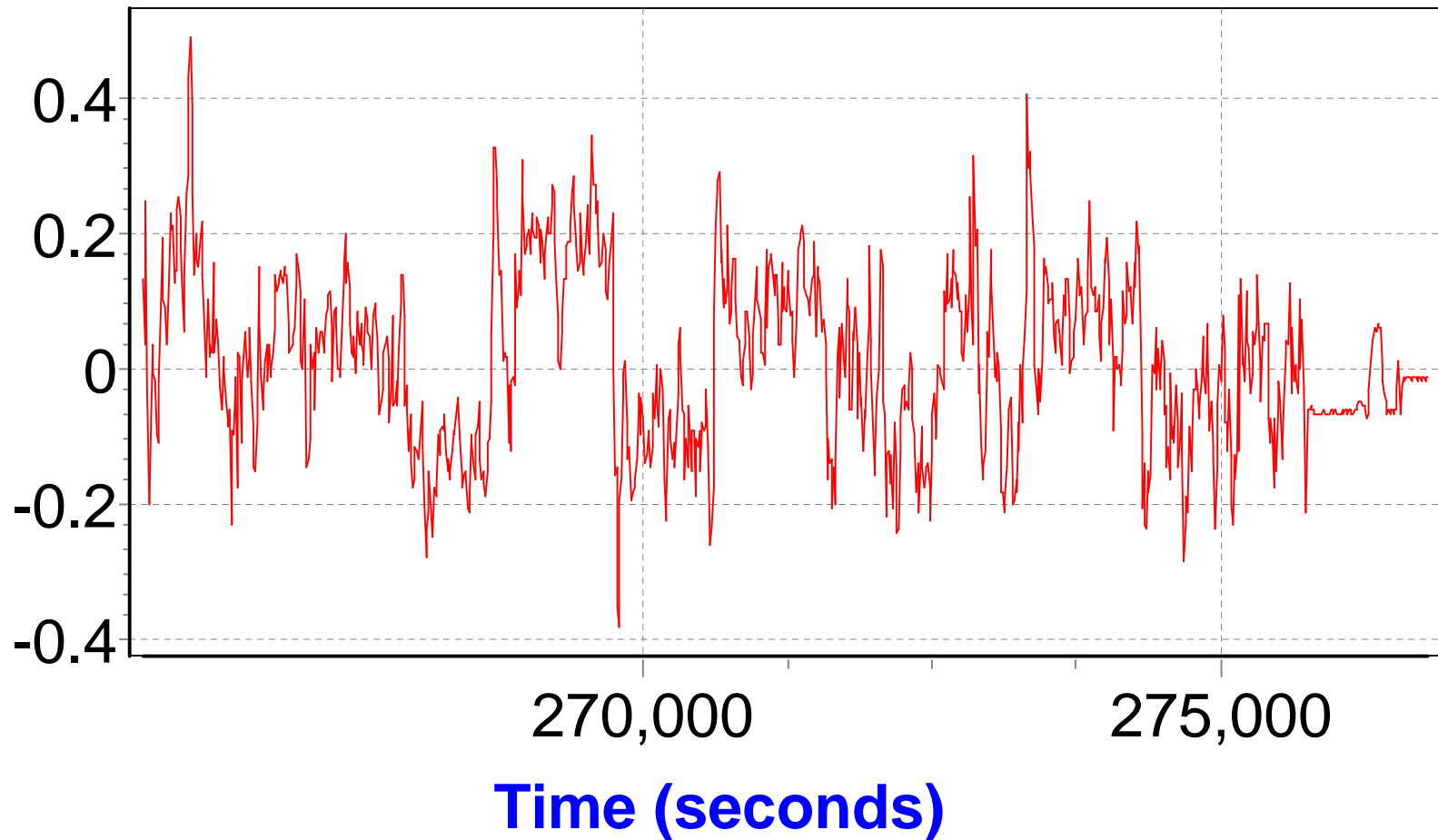
S/D Navigator Z Velocity Error (meters/seconds)



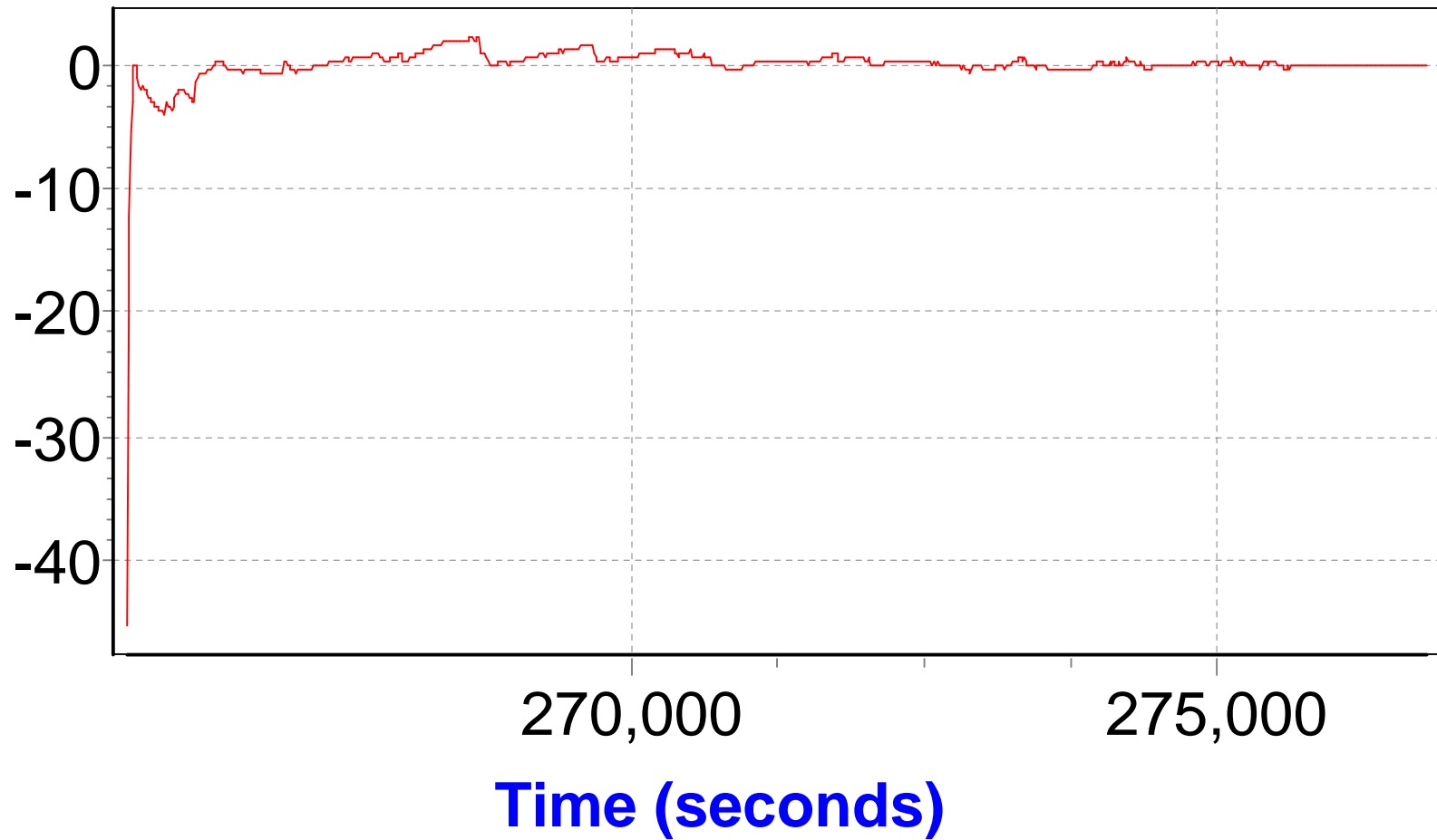
S/D Navigator X Misalignment (arcmin)



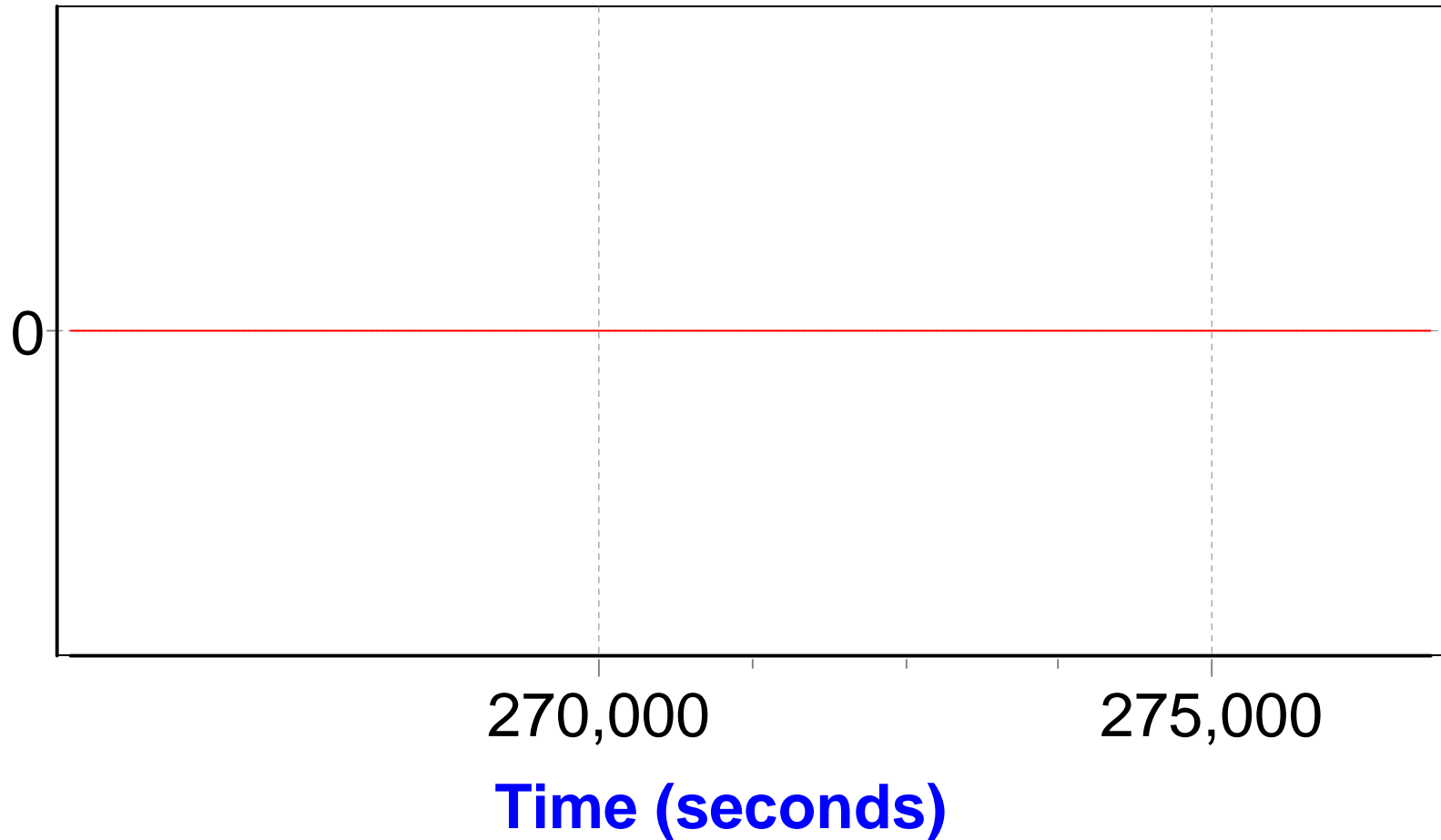
S/D Navigator Y Misalignment (arcmin)



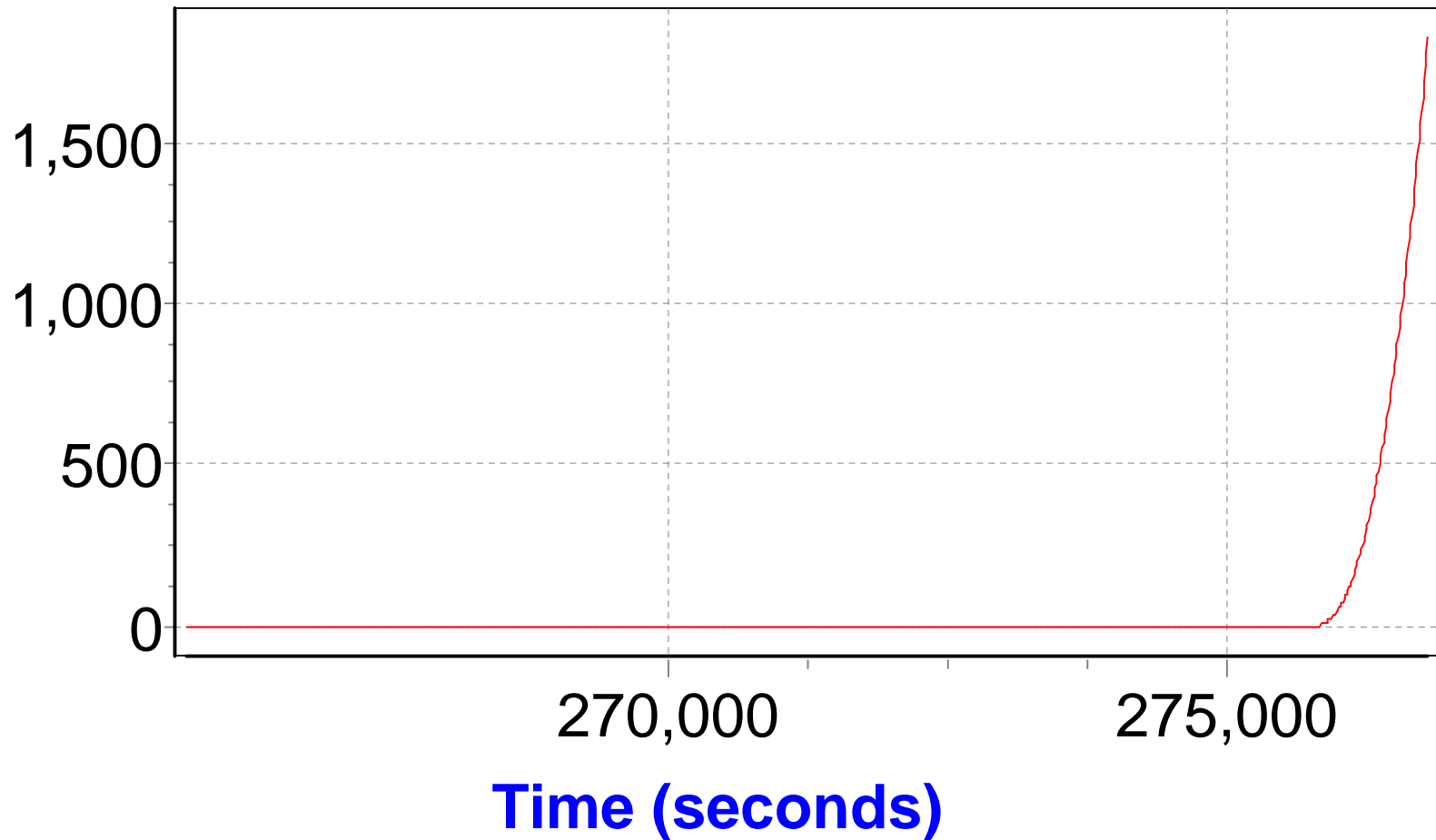
S/D Navigator Z Misalignment (arcmin)



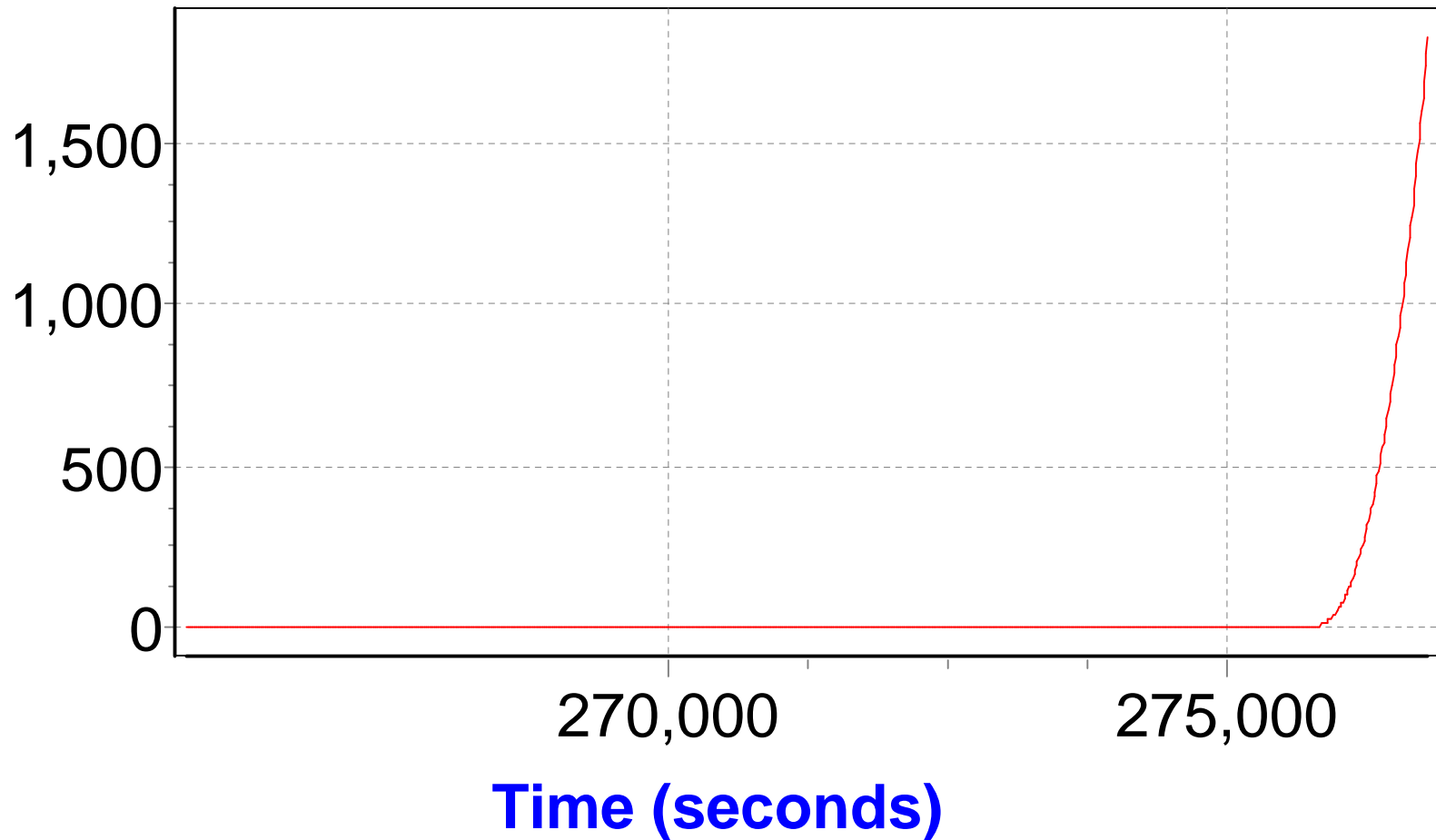
S/D Navigator COS(Z Misalignment)-1 (radians)



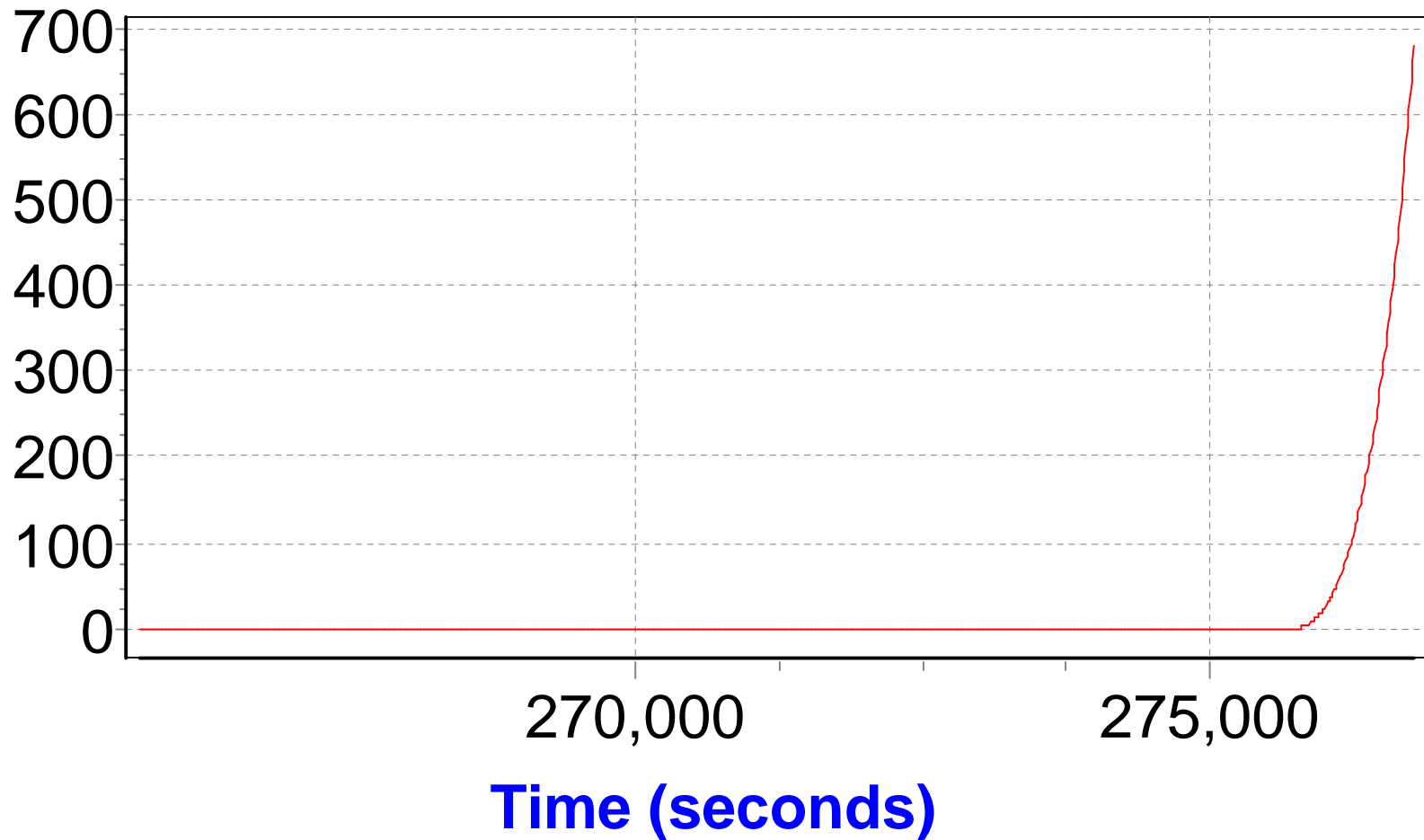
S/D Navigator X Position RMS Error (meters)



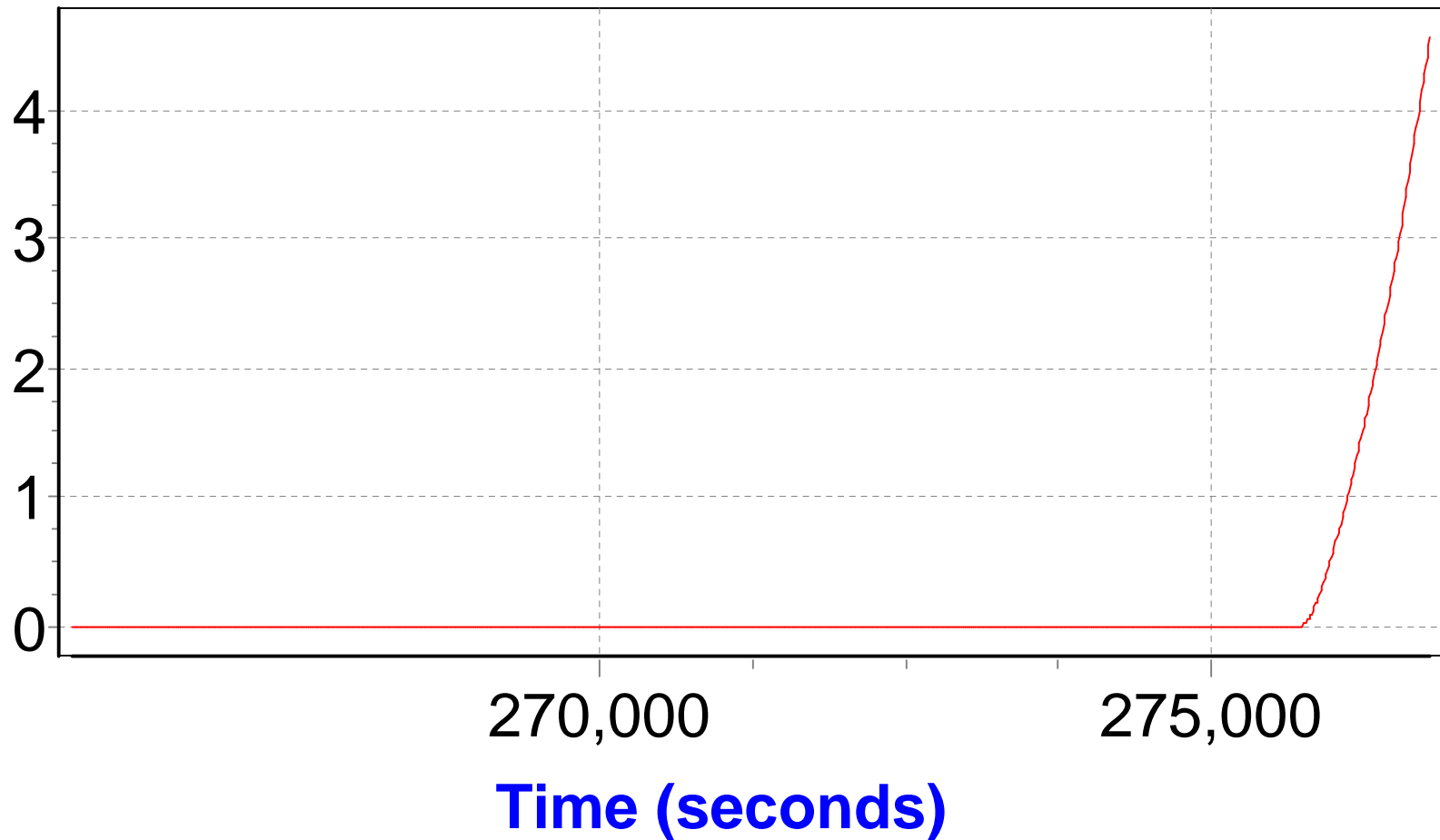
S/D Navigator Y Position RMS Error (meters)



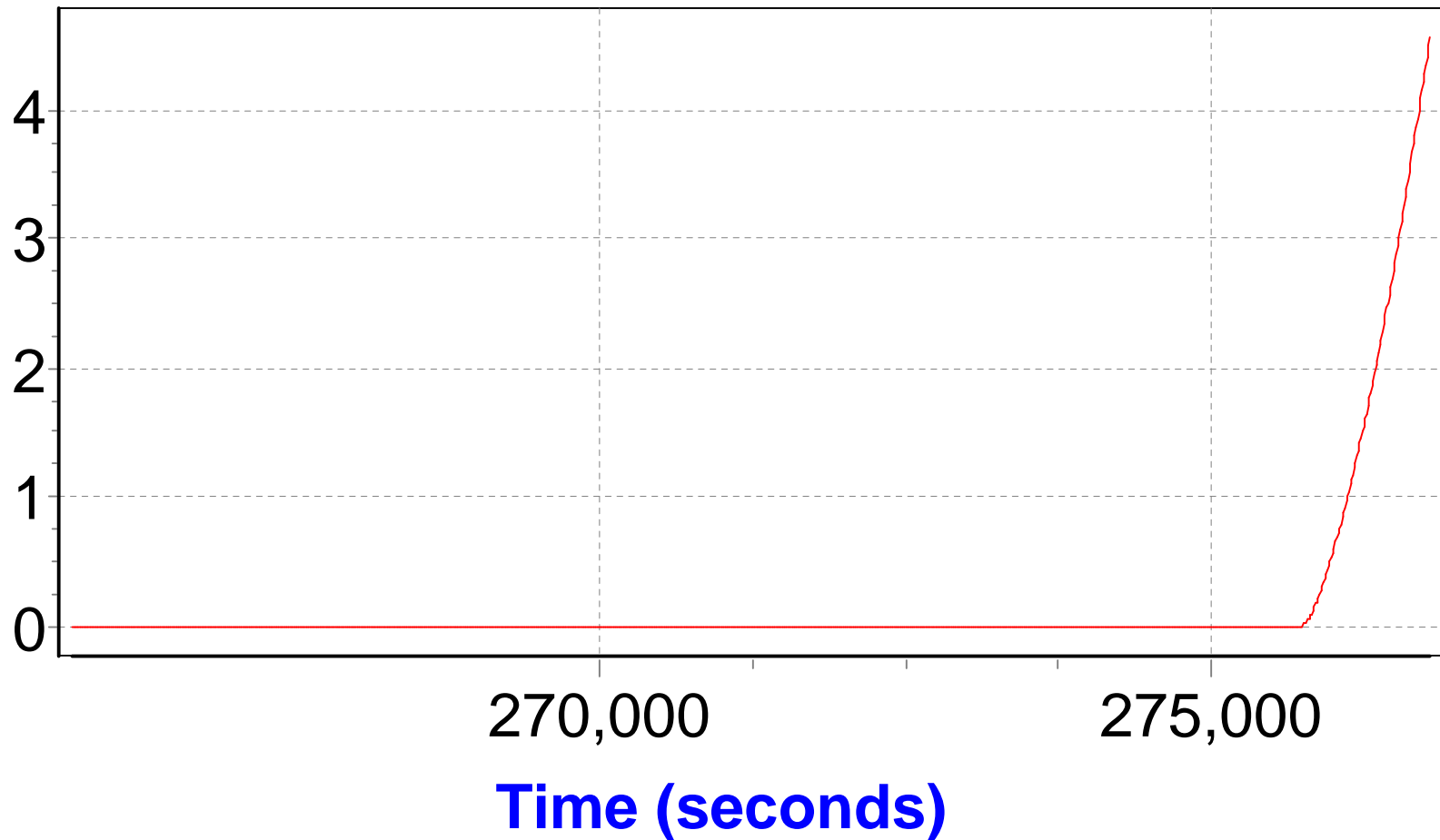
S/D Navigator Z Position RMS Error (meters)



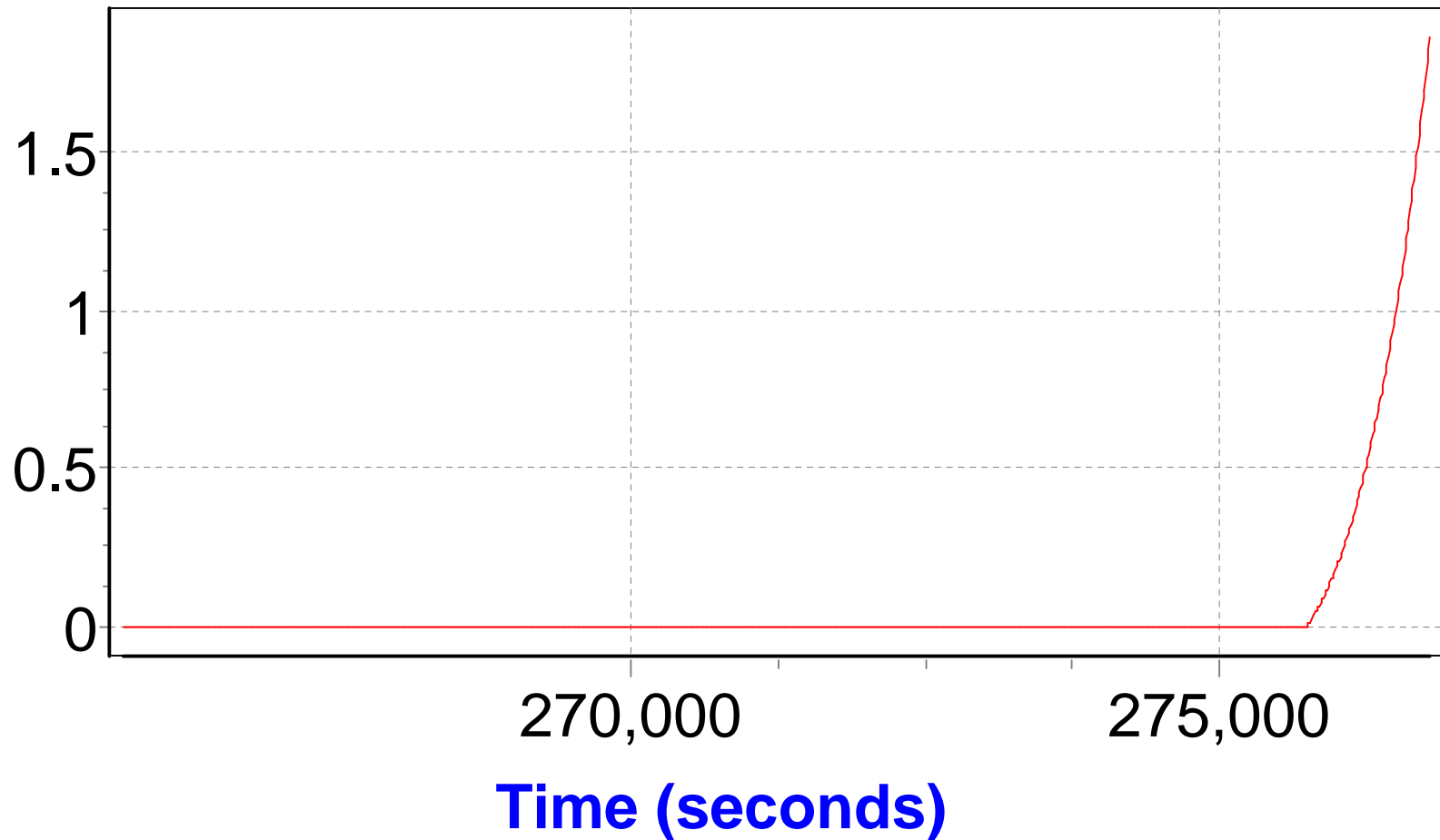
S/D Navigator X Velocity RMS Error (meters/seconds)



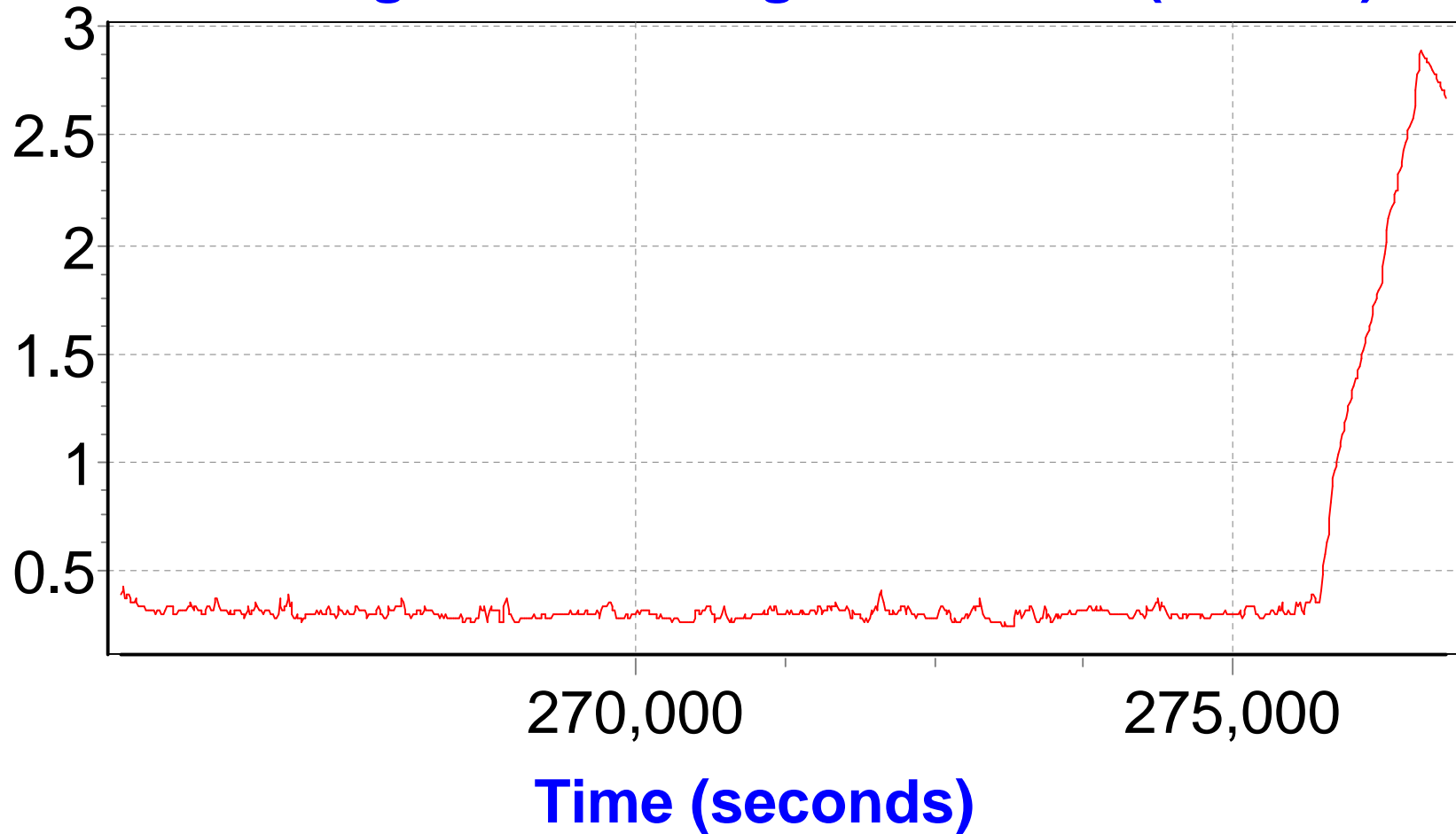
S/D Navigator Y Velocity RMS Error (meters/seconds)



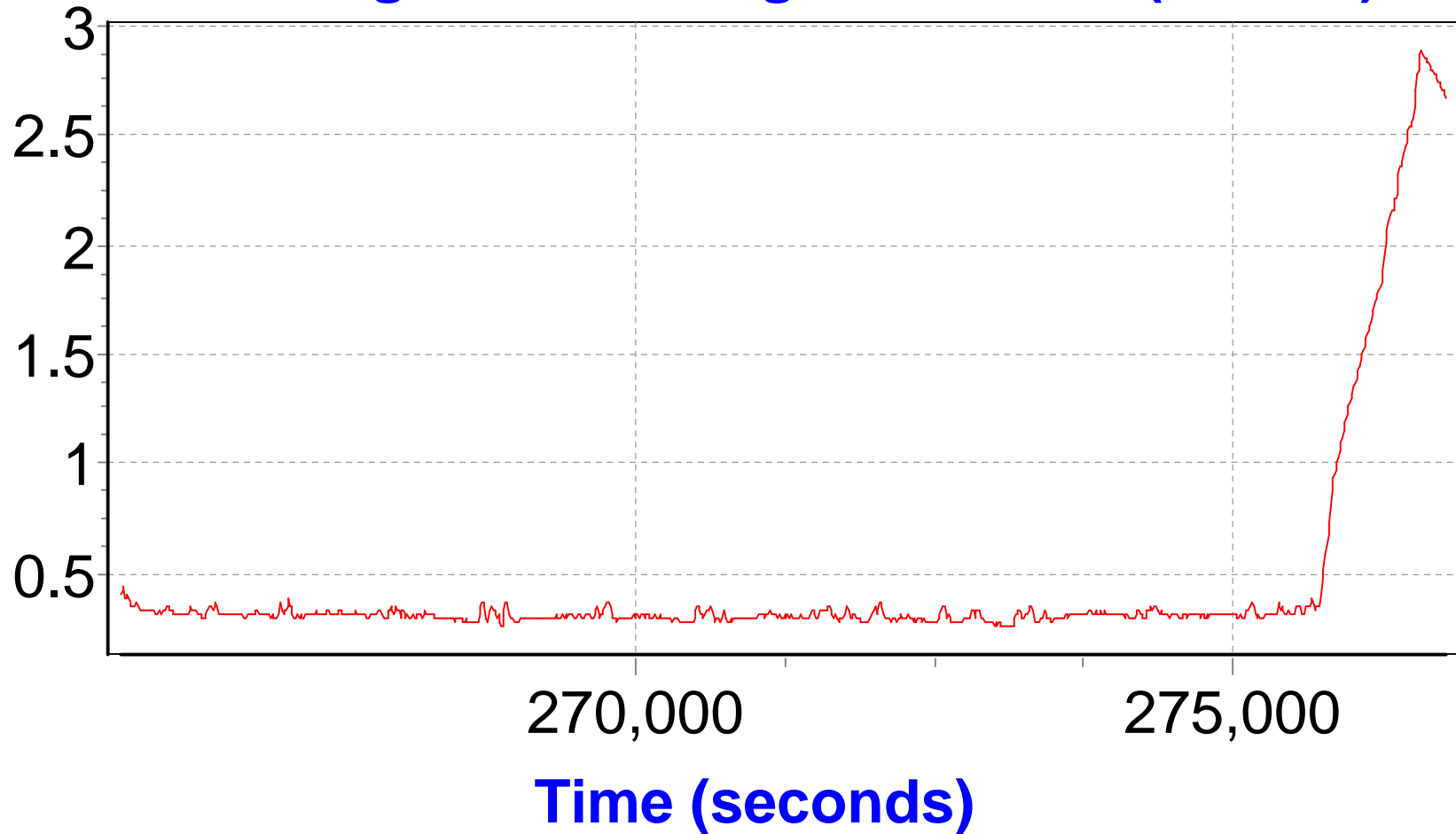
S/D Navigator Z Velocity RMS Error (meters/seconds)



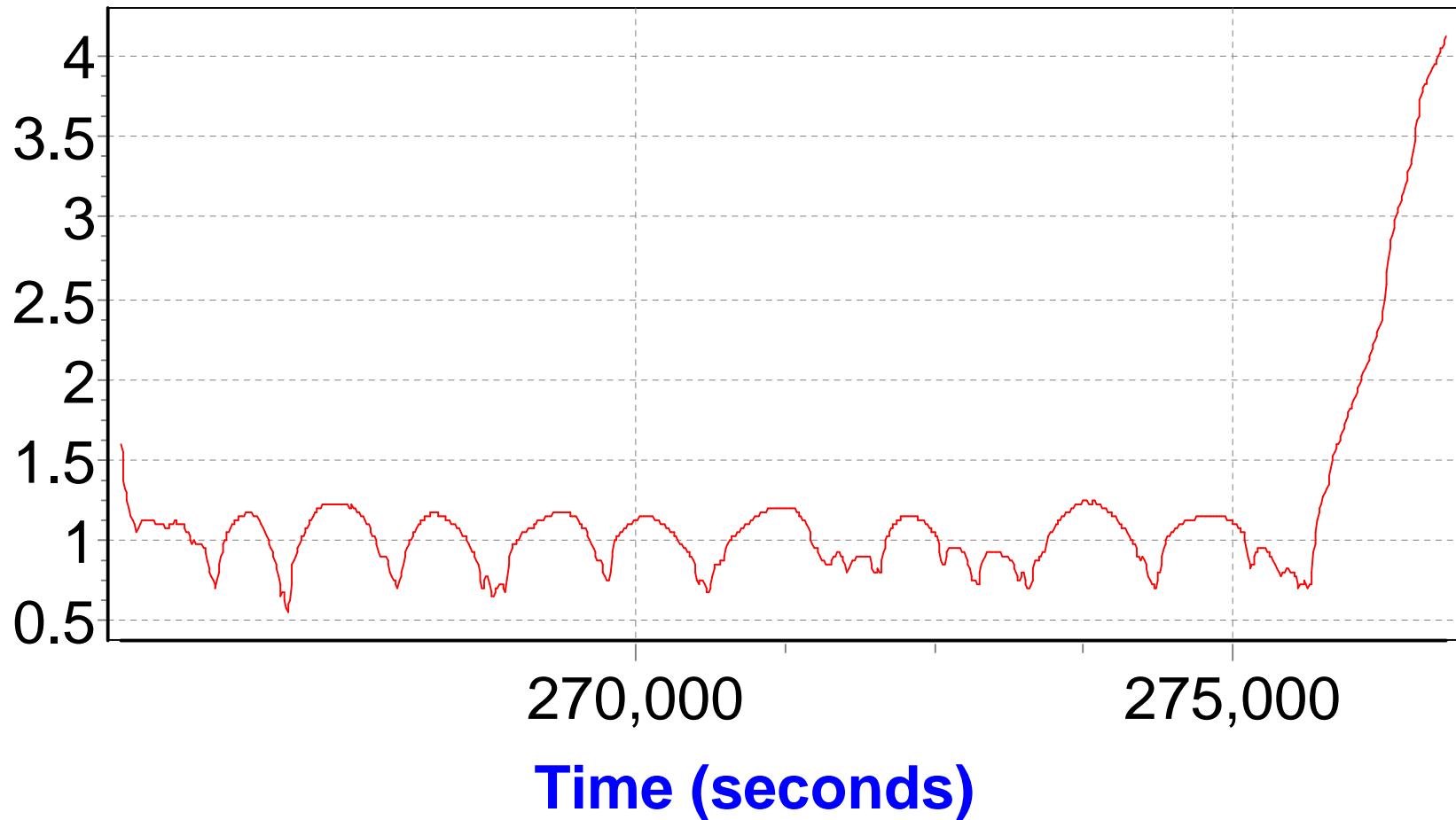
S/D Navigator X Misalignment RMS (arcmin)



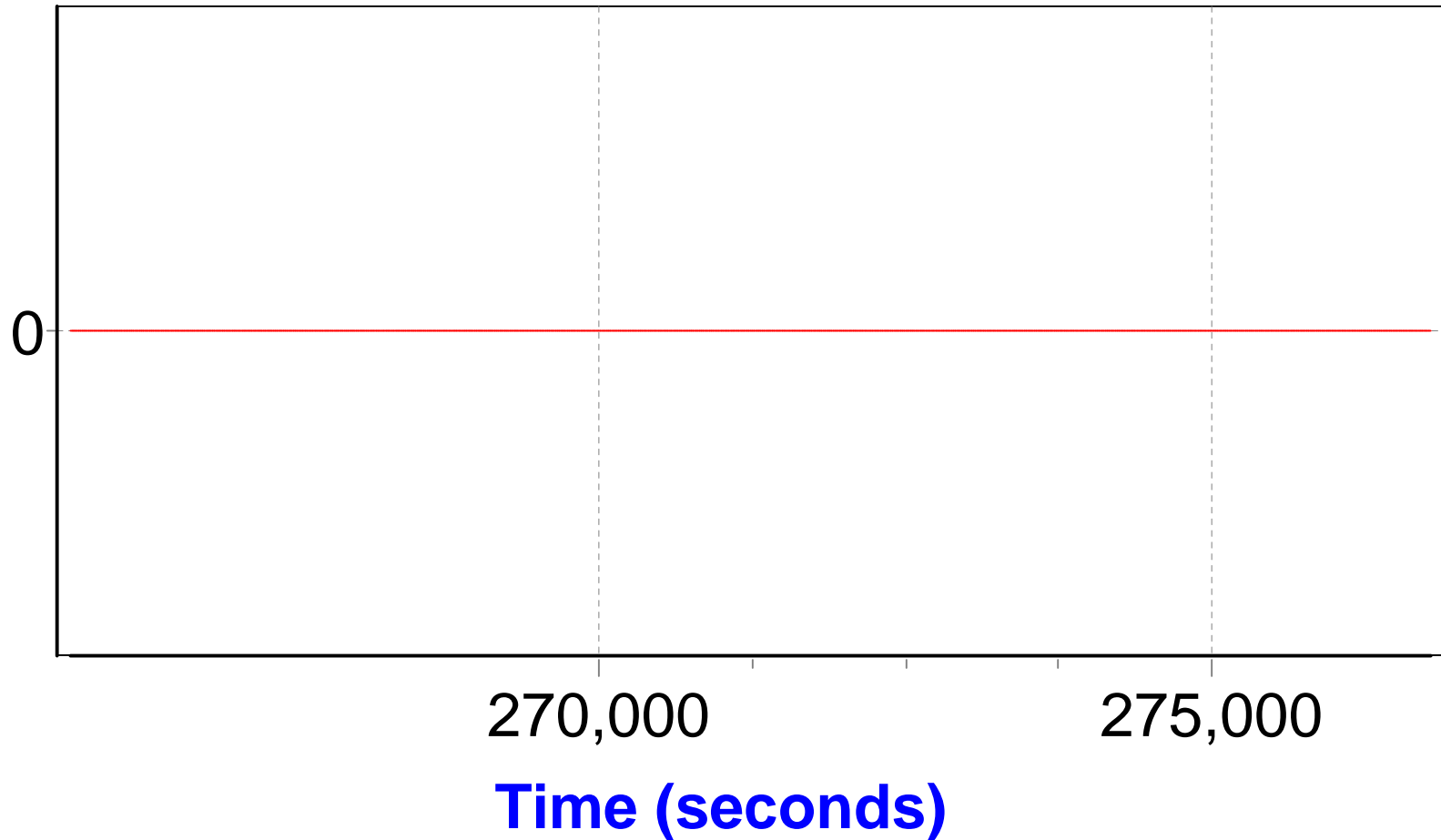
S/D Navigator Y Misalignment RMS (arcmin)



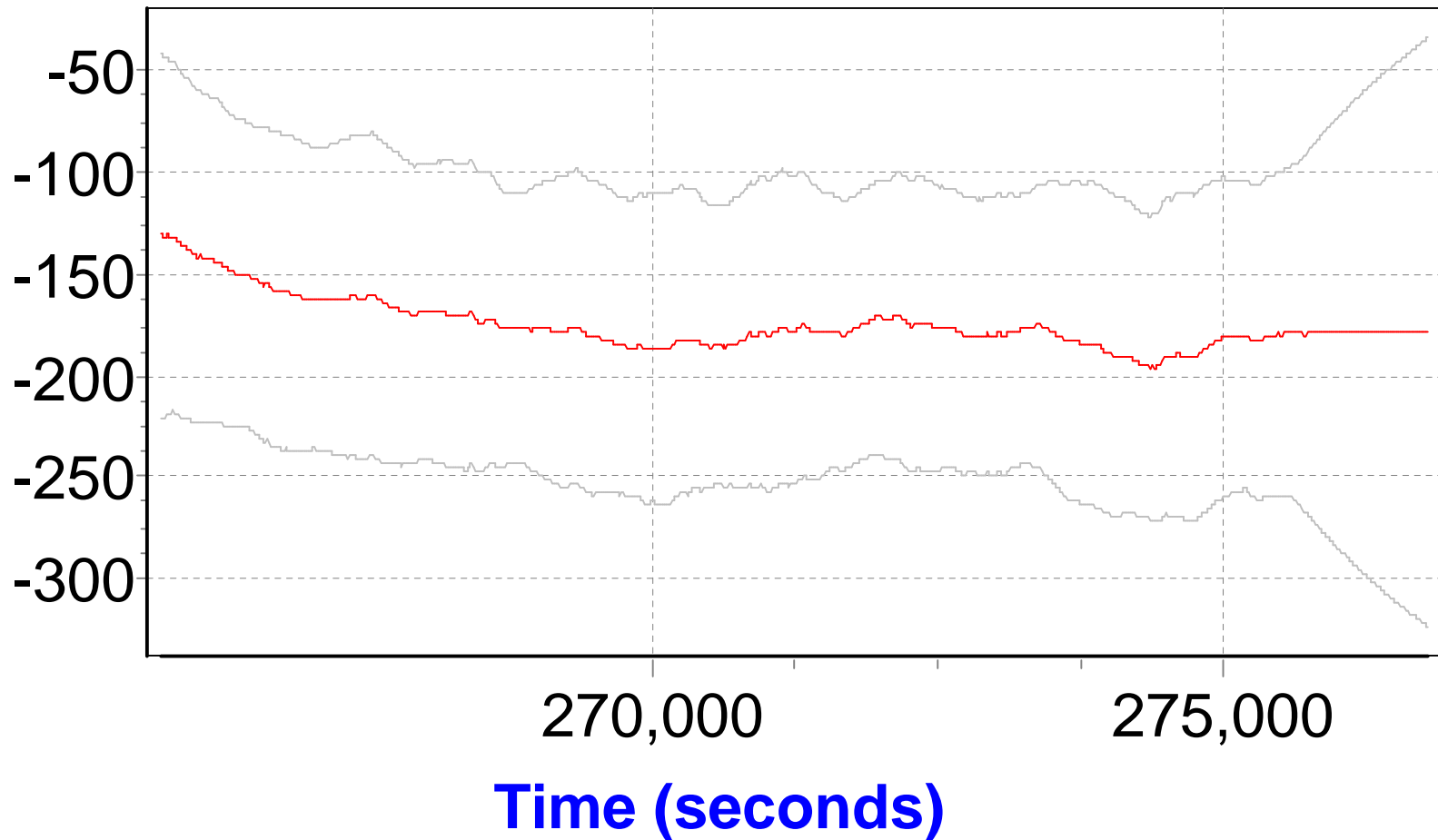
S/D Navigator Z Misalignment RMS (arcmin)



S/D Navigator COS(Z Misalignment)-1 RMS (radians)



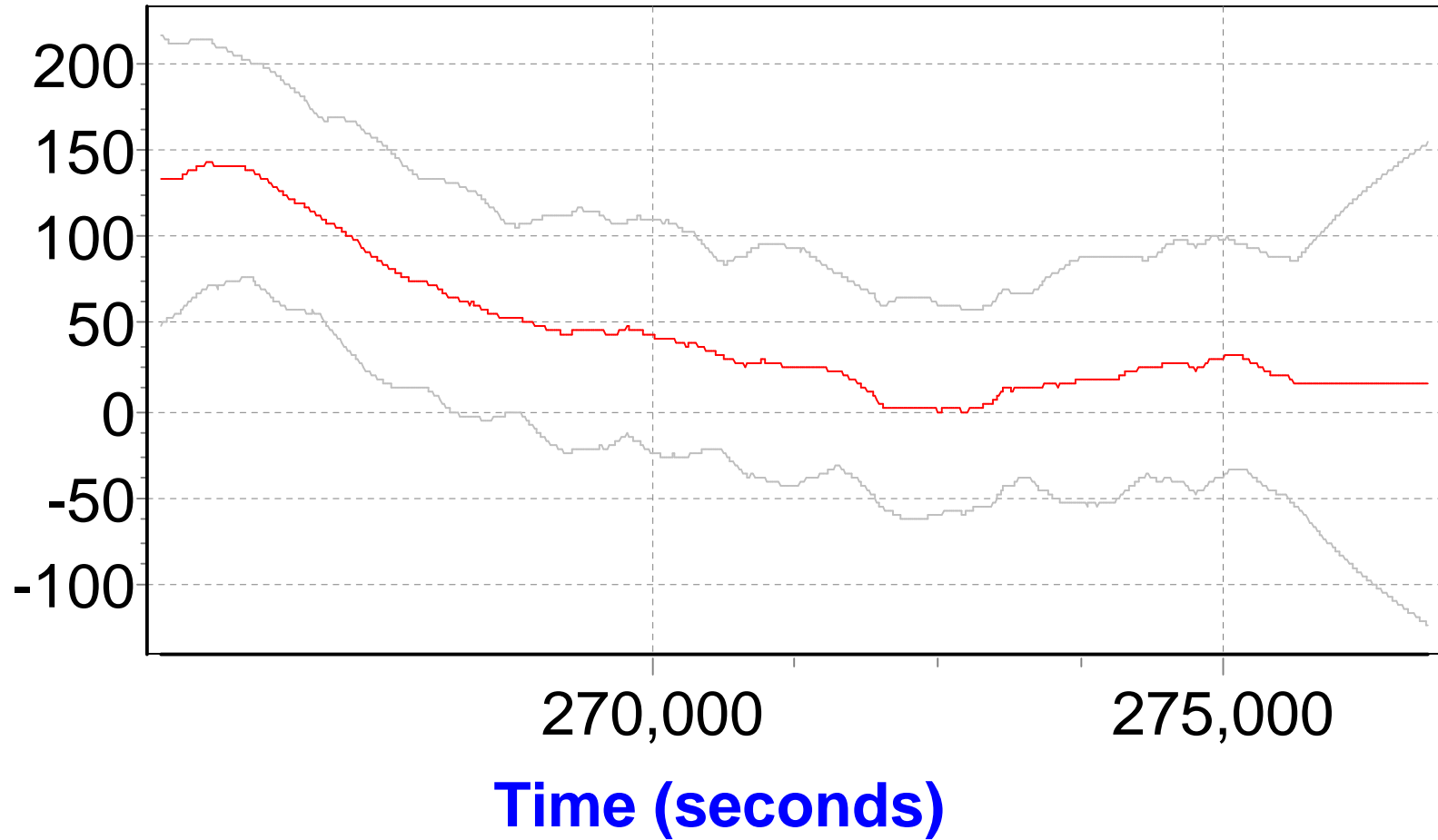
X Accelerometer Bias (micro-g)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

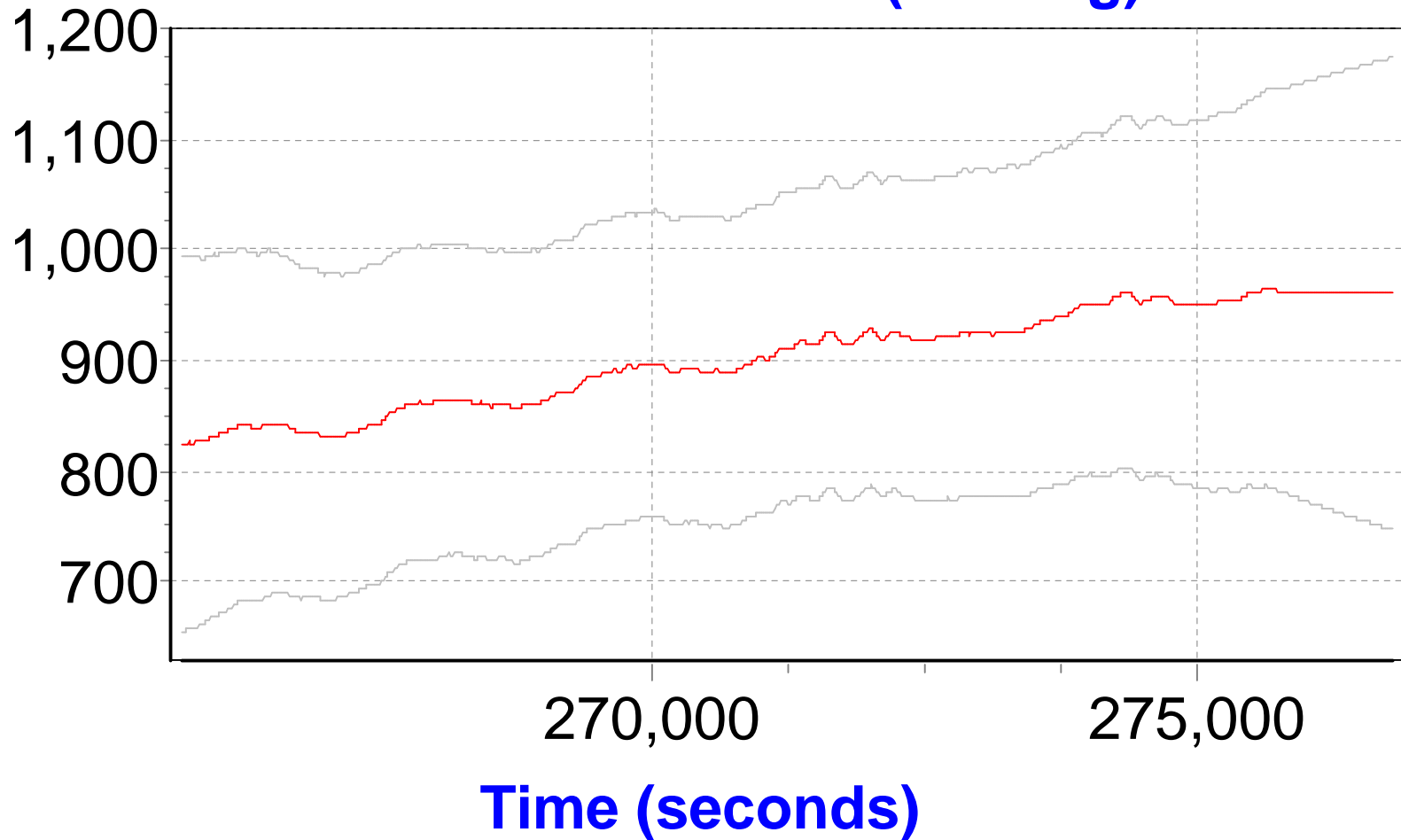
Y Accelerometer Bias (micro-g)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

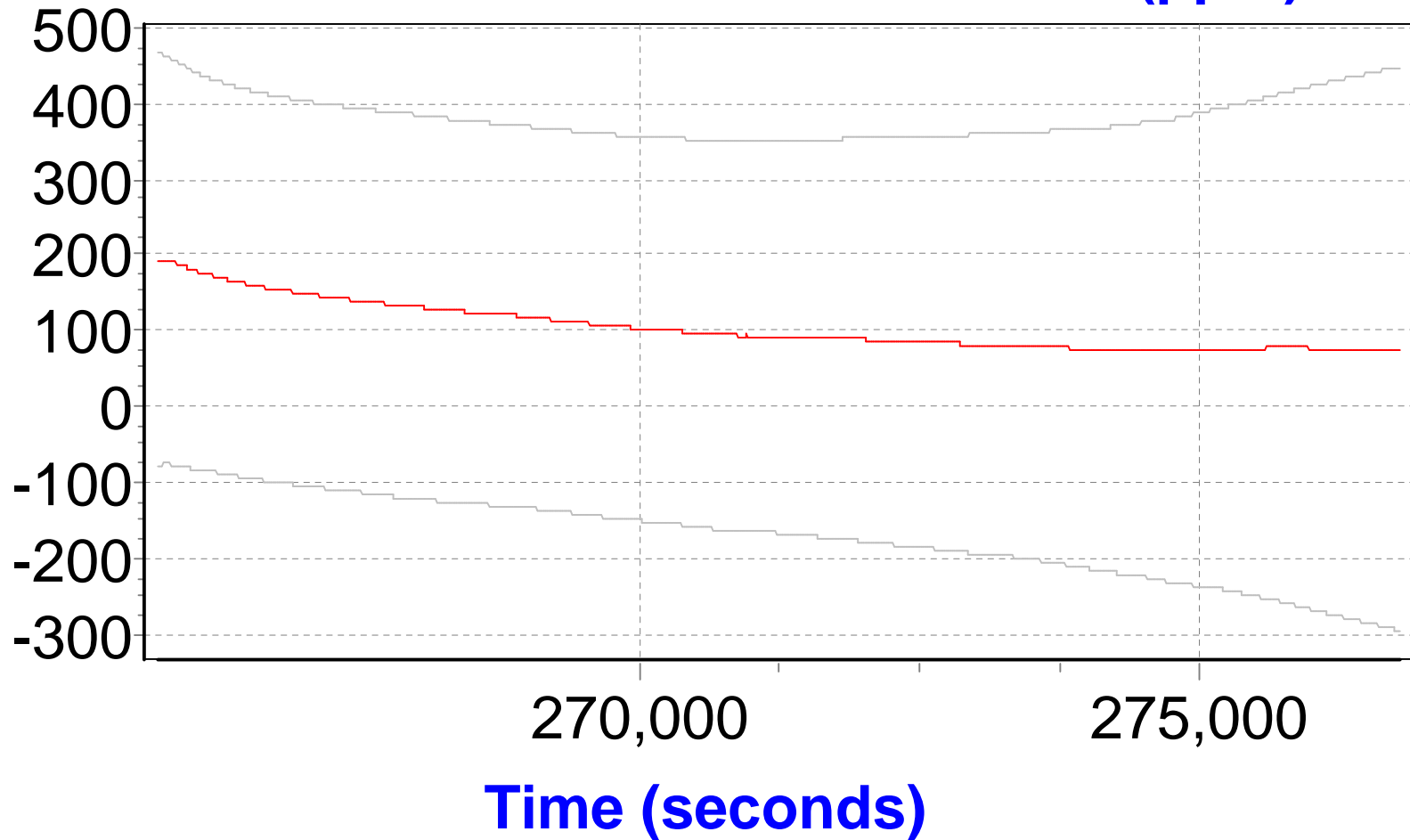
Z Accelerometer Bias (micro-g)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

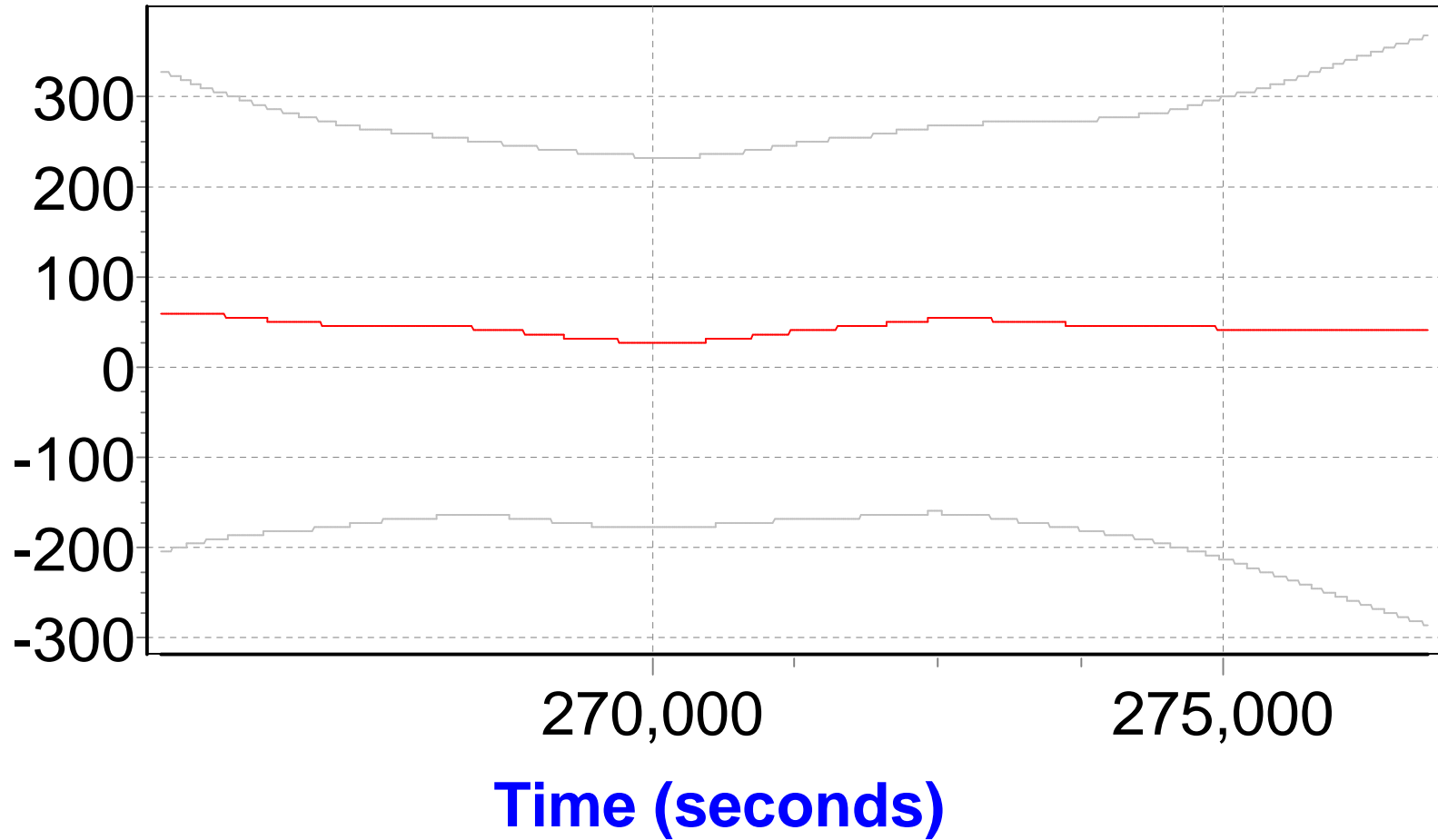
X Accelerometer Scale Factor Error (ppm)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

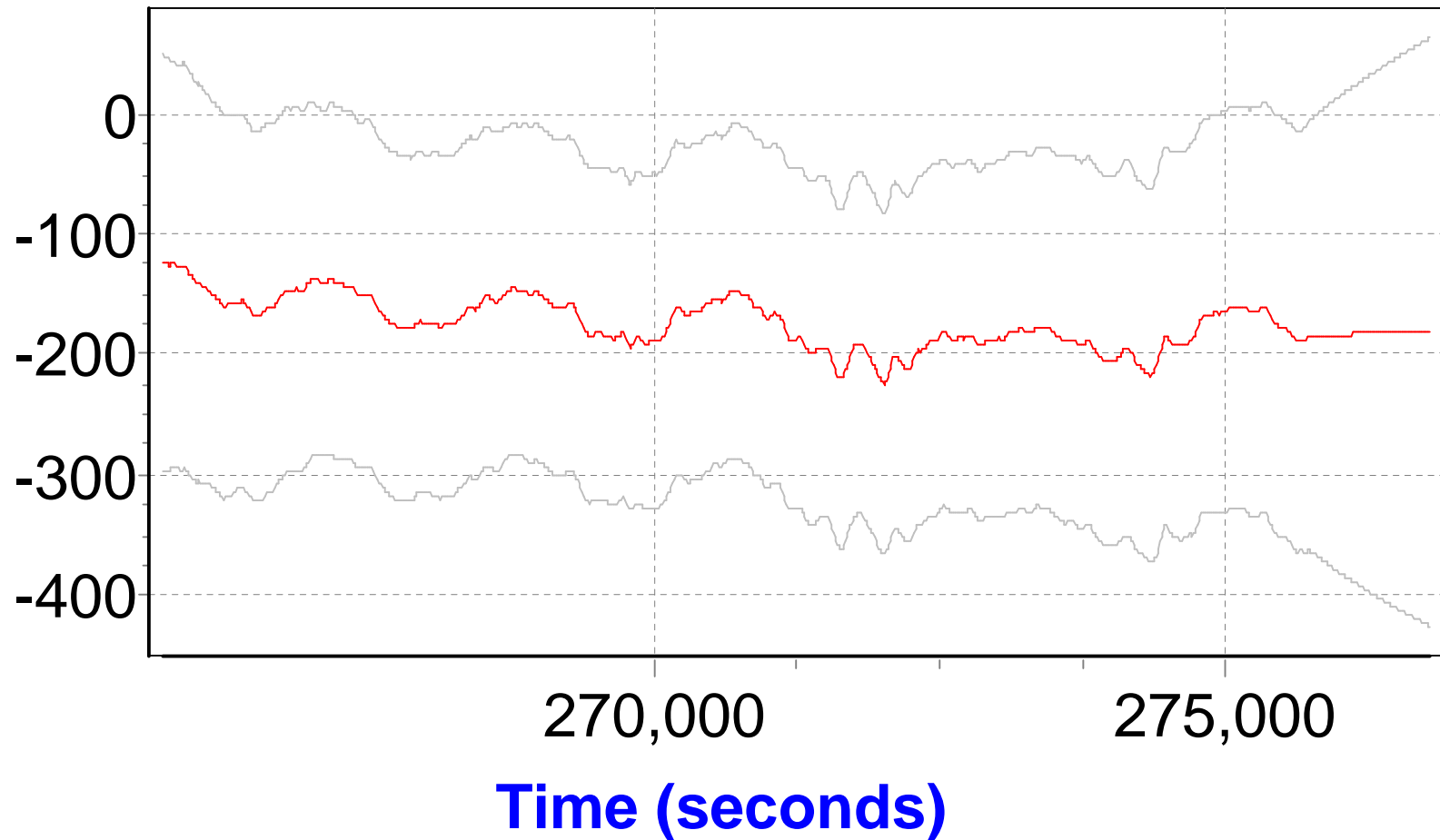
Y Accelerometer Scale Factor Error (ppm)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

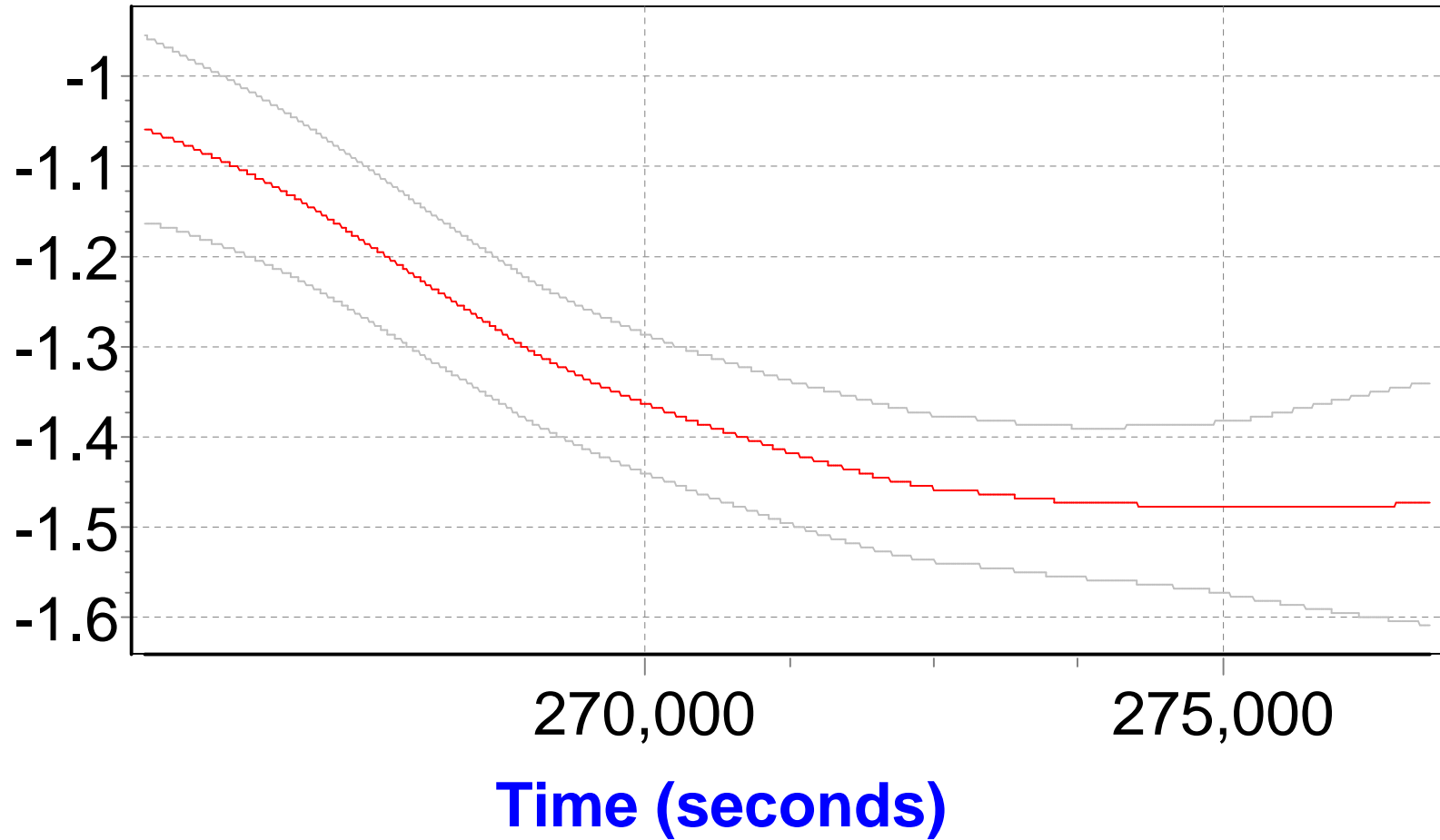
Z Accelerometer Scale Factor Error (ppm)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

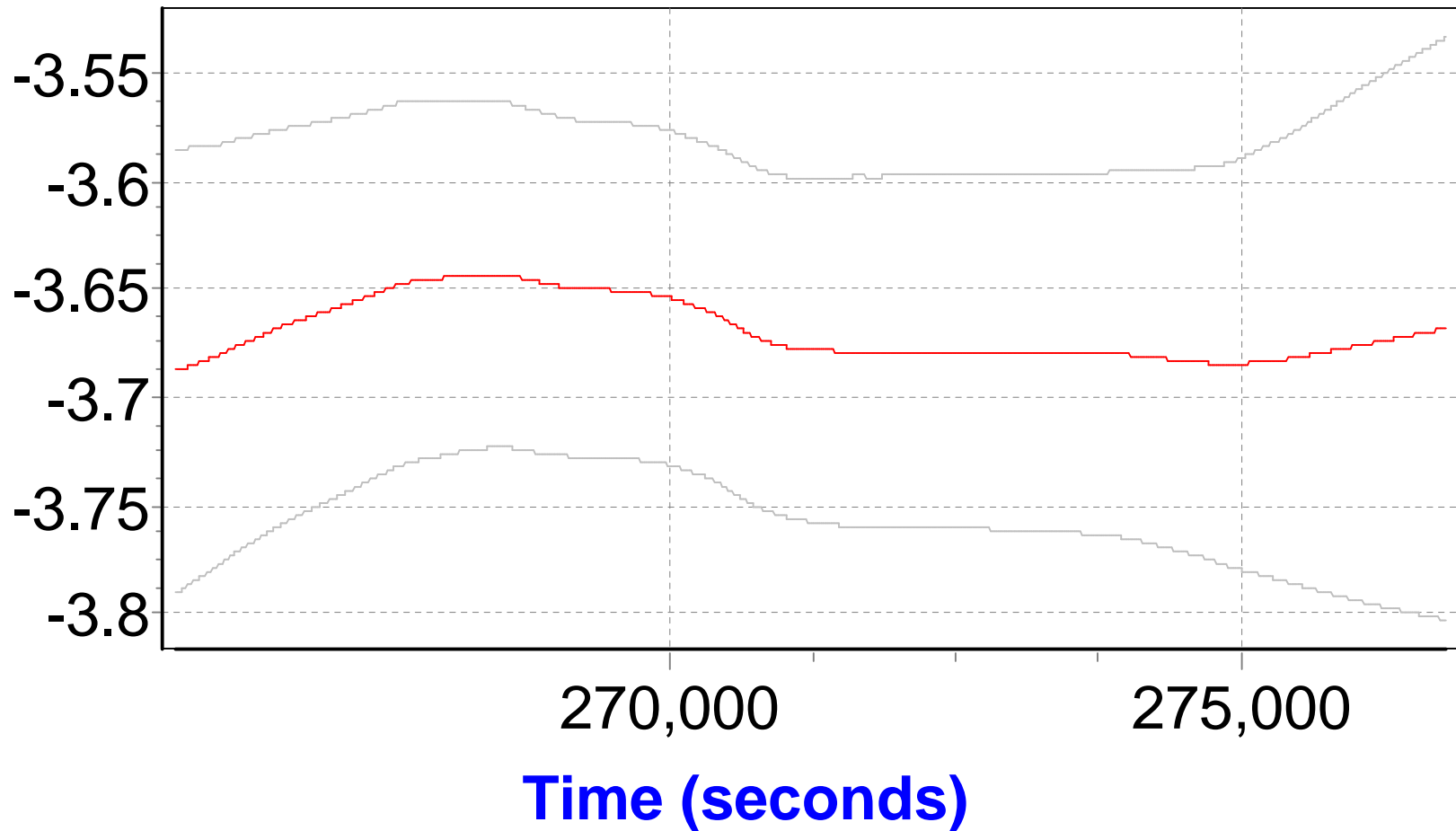
X Gyro Bias (degrees/hour)



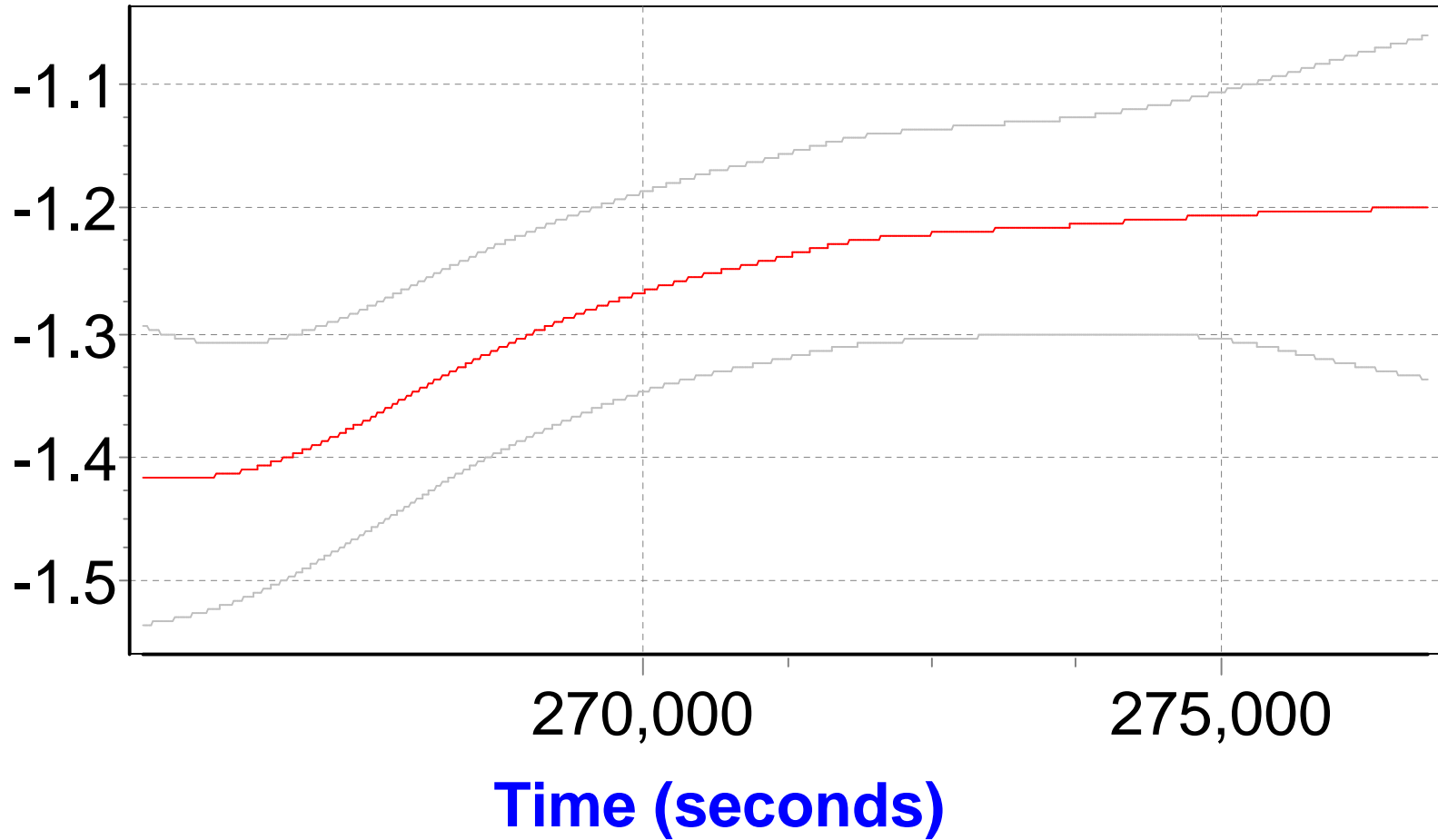
G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

Y Gyro Bias (degrees/hour)



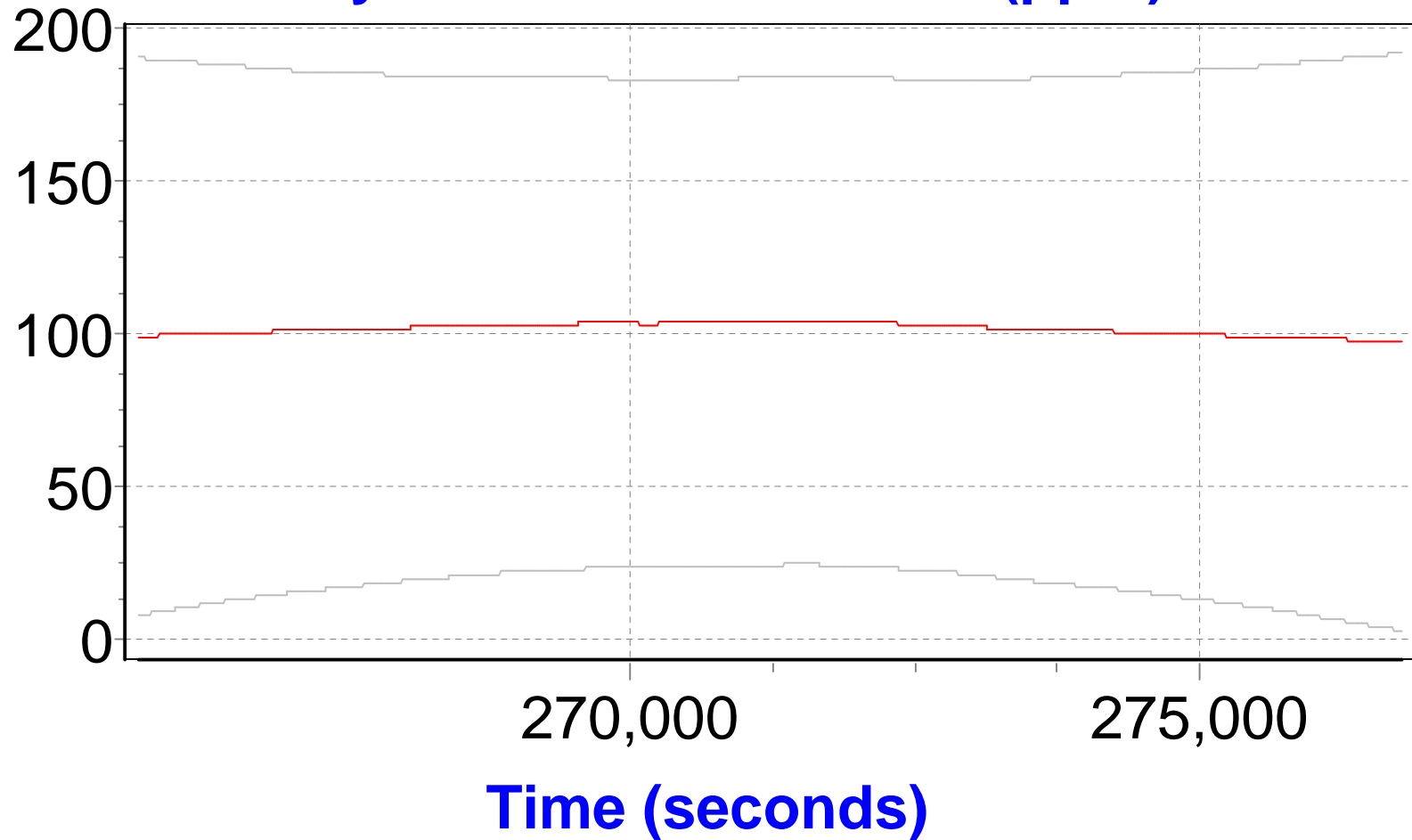
Z Gyro Bias (degrees/hour)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

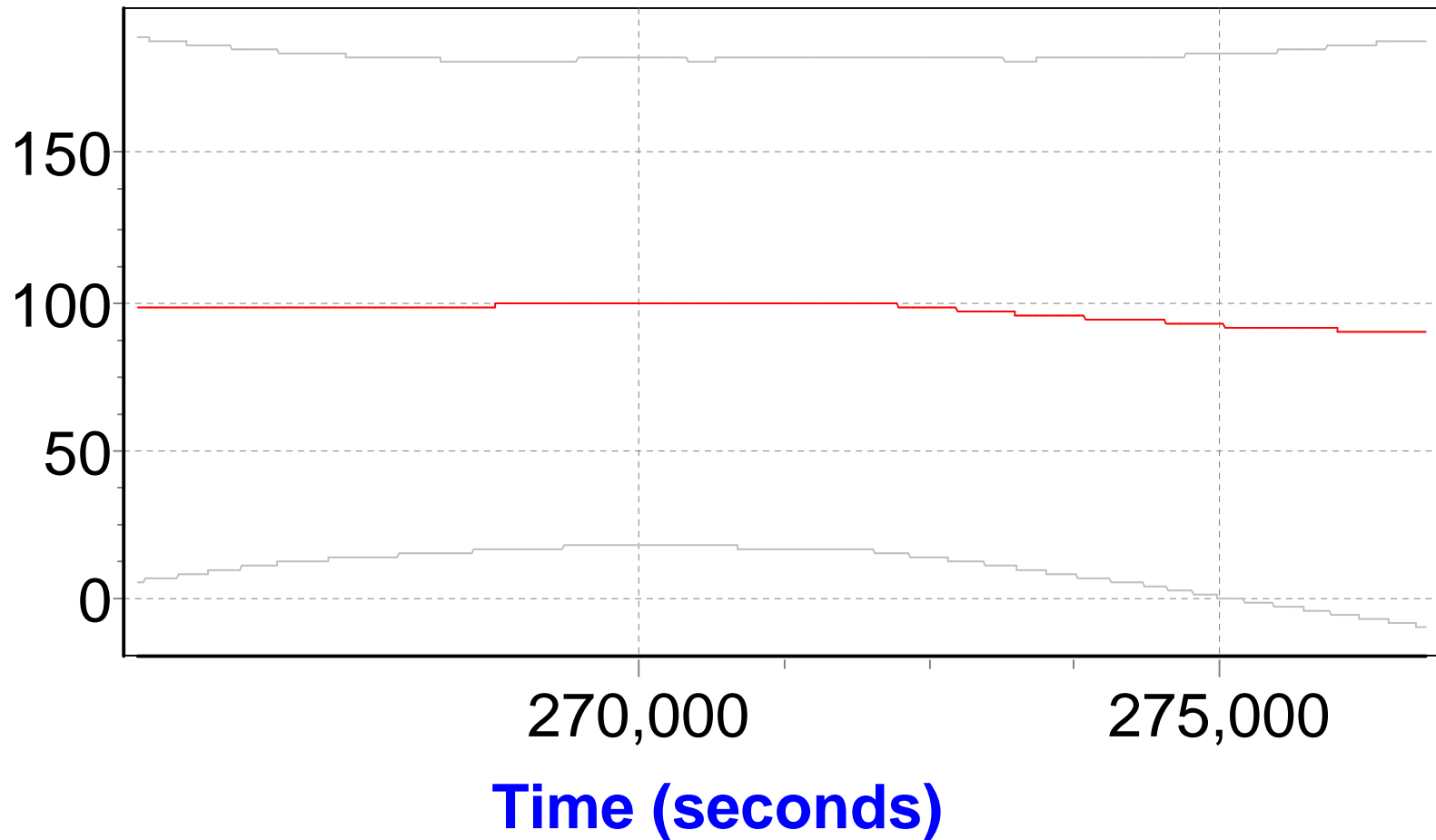
X Gyro Scale Factor Error (ppm)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

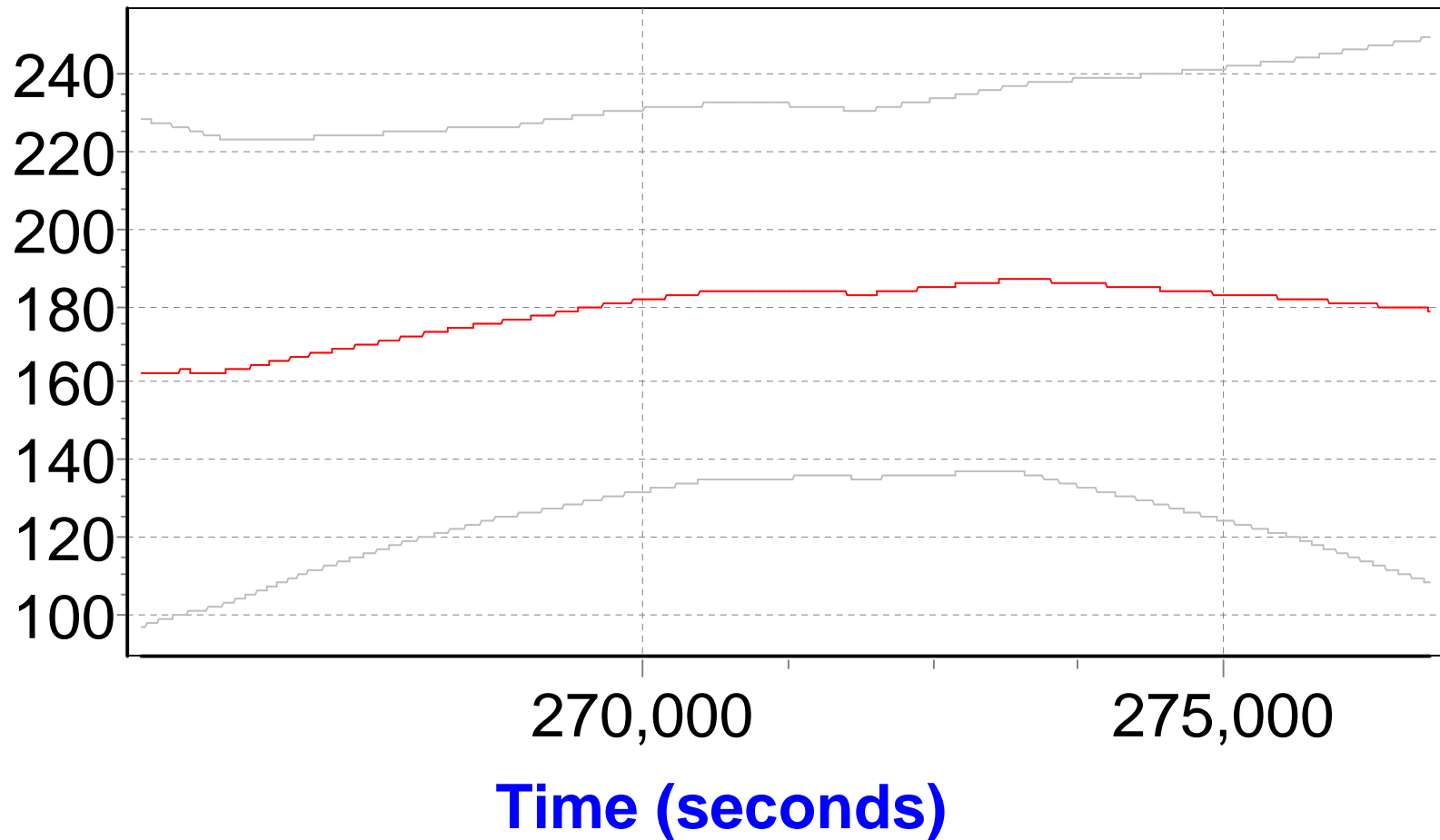
Y Gyro Scale Factor Error (ppm)



G:\o112094c\3_Processed\Extract\smers_o112094c.dat

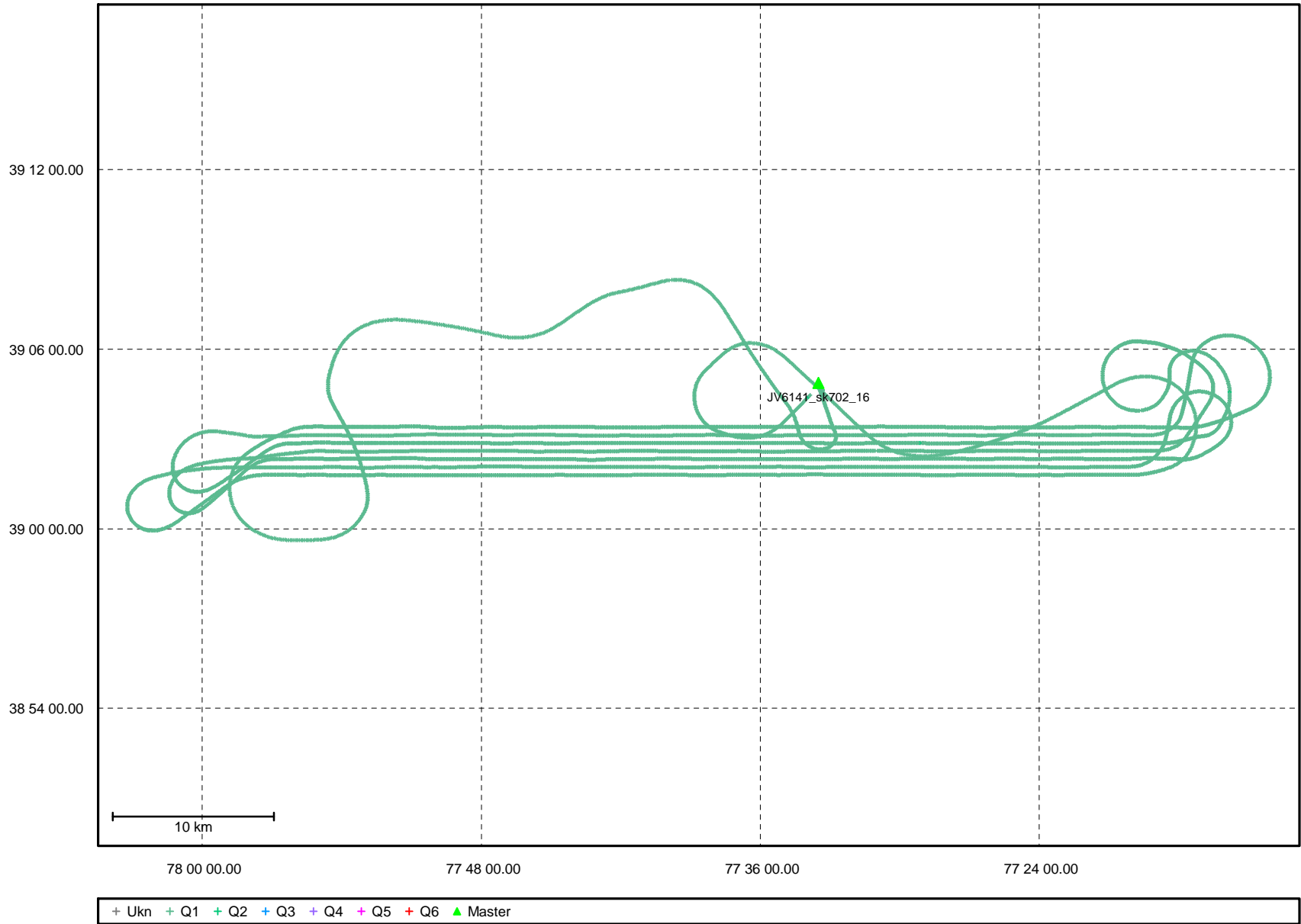
G:\o112094c\3_Processed\Extract\smrms_o112094c.dat

Z Gyro Scale Factor Error (ppm)

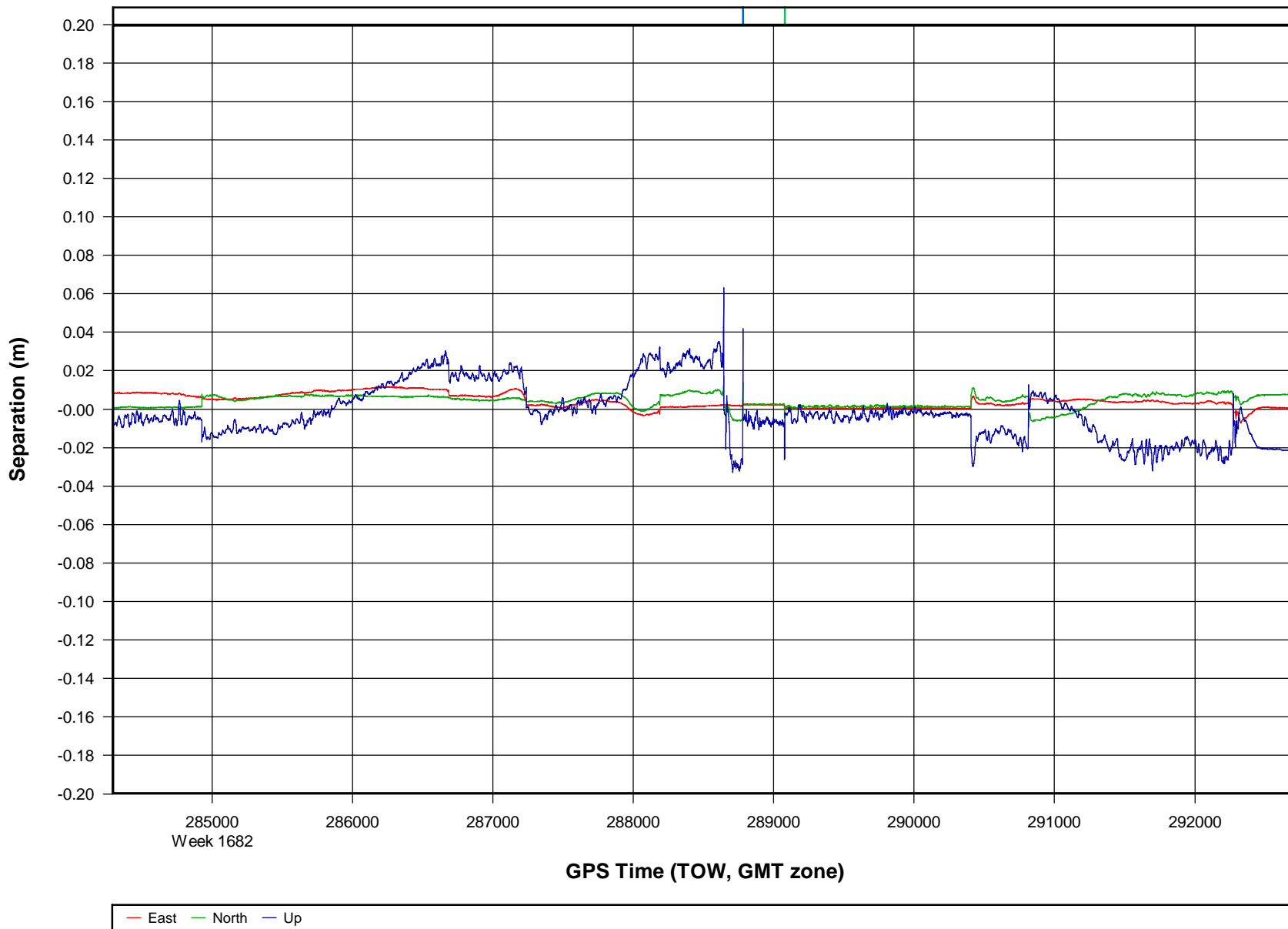


Combined - Map Run (19)

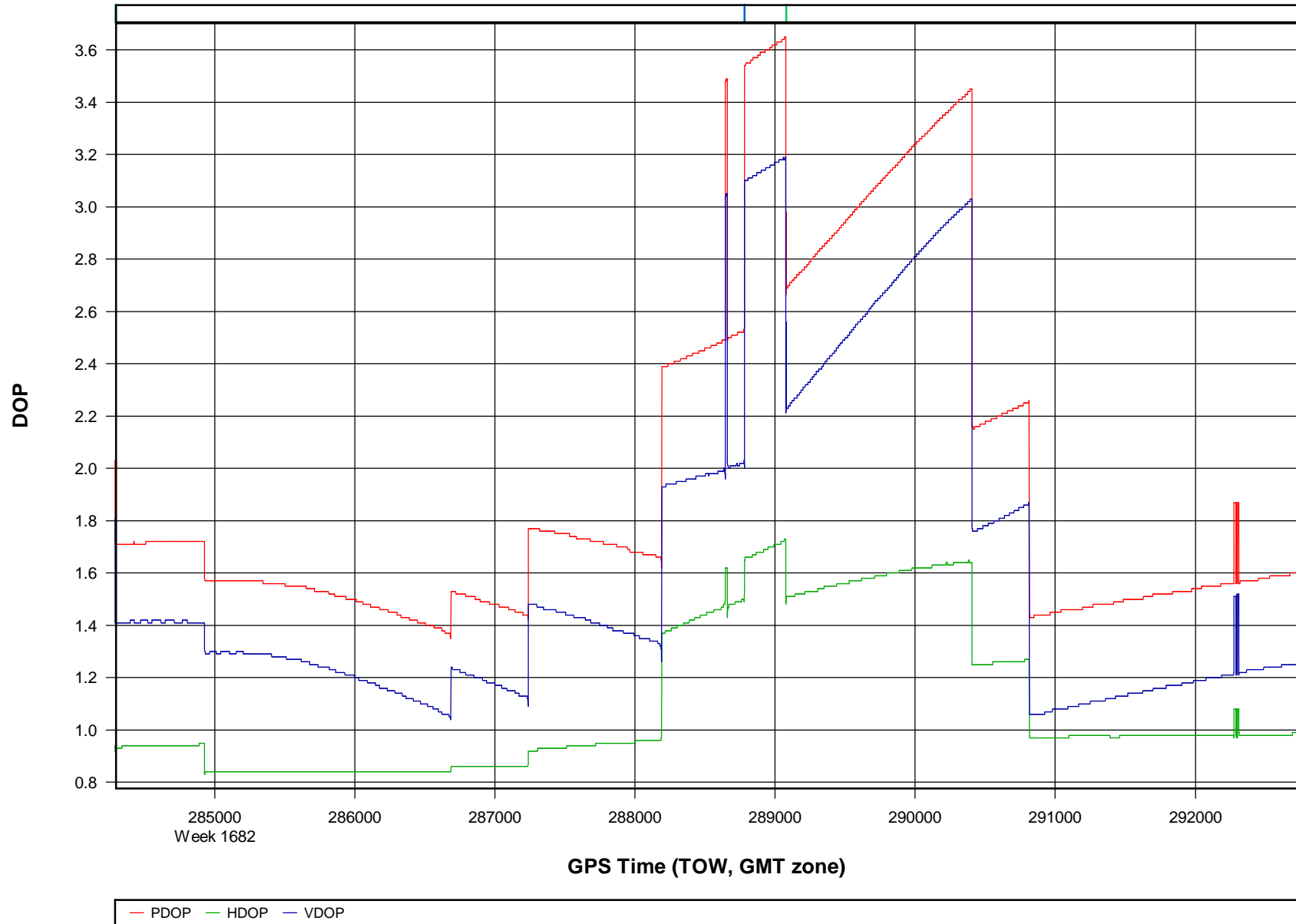
Geographic, DMS



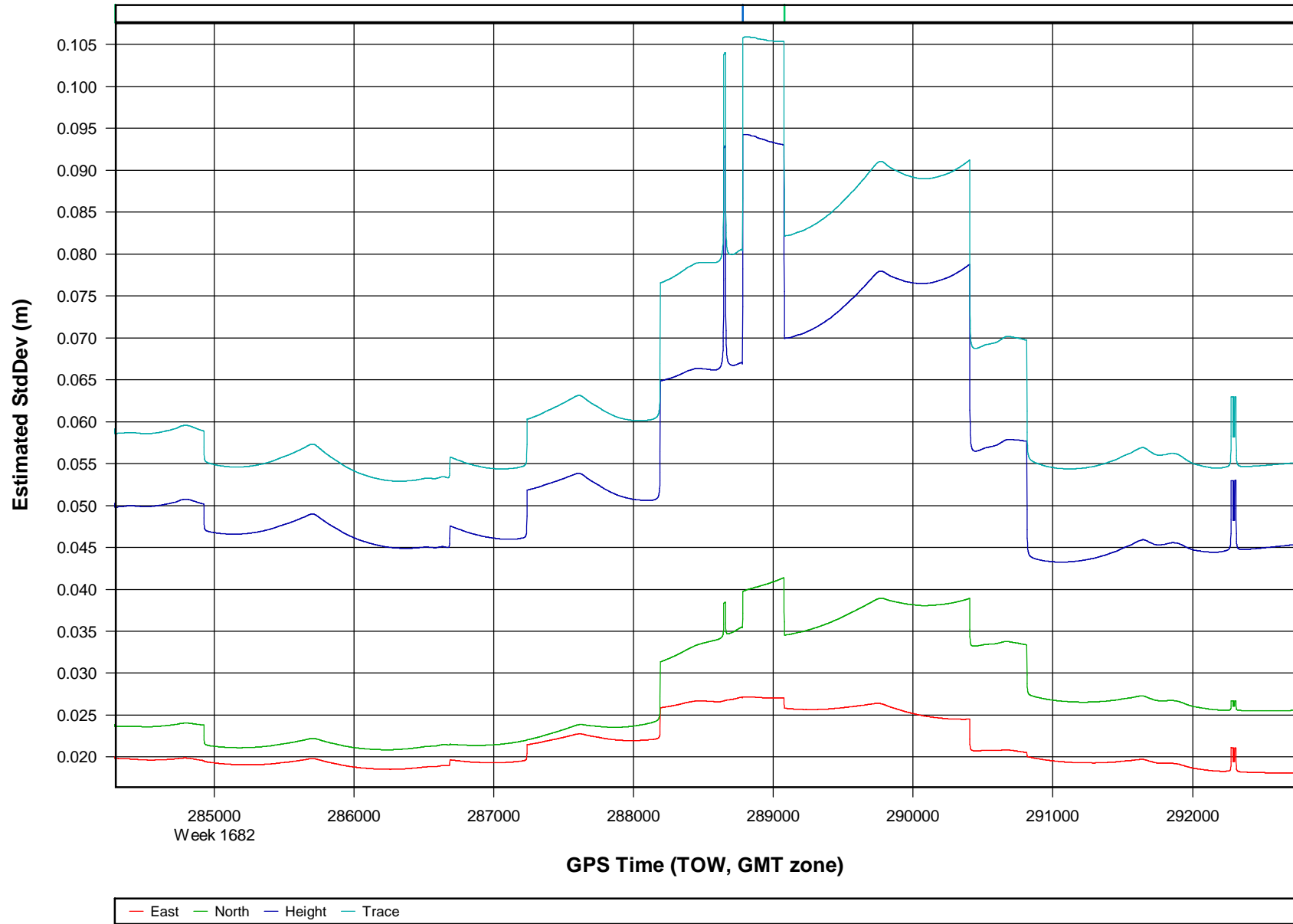
o112094d [Combined] - Forward/Reverse or Combined Separation Plot



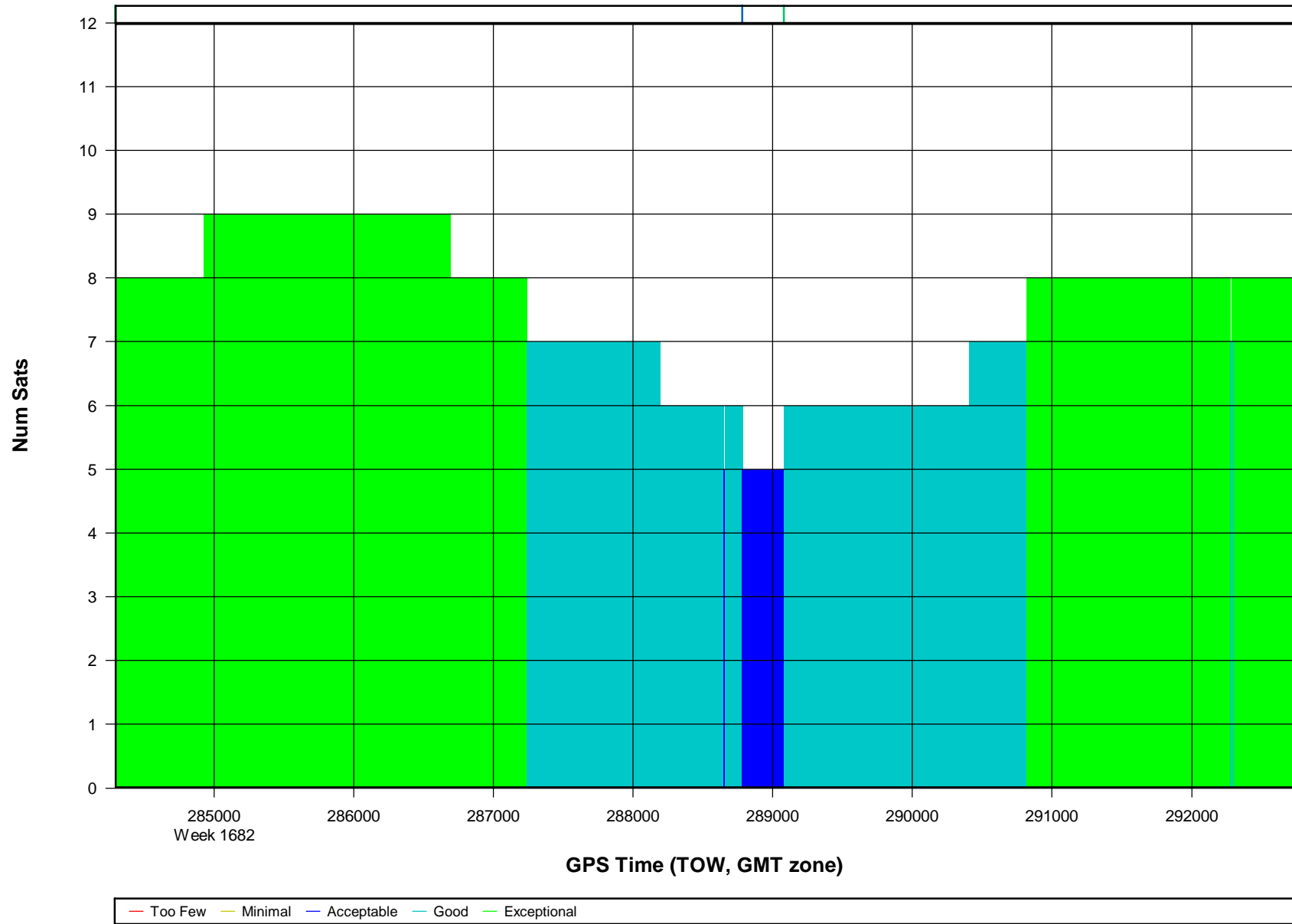
o112094d [Combined] - PDOP, HDOP, VDOP Plots



o112094d [Combined] - Estimated Position Accuracy Plot



o112094d [Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: POSGNSS
Version: 4.40.2710
Project: G:\o112094d\3_Processed\GPS\o112094d.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:
Total in GPB file: 102755
No processed position: 94311
Missing Fwd or Rev: 4
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:
L1 Phase: 0.0161 (m)
C/A Code: 0.69 (m)
L1 Doppler: 0.025 (m/s)

Fwd/Rev Separation RMS Values:
East: 0.007 (m)
North: 0.008 (m)
Height: 0.019 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (8438 occurrences):
East: 0.005 (m)
North: 0.005 (m)
Height: 0.014 (m)

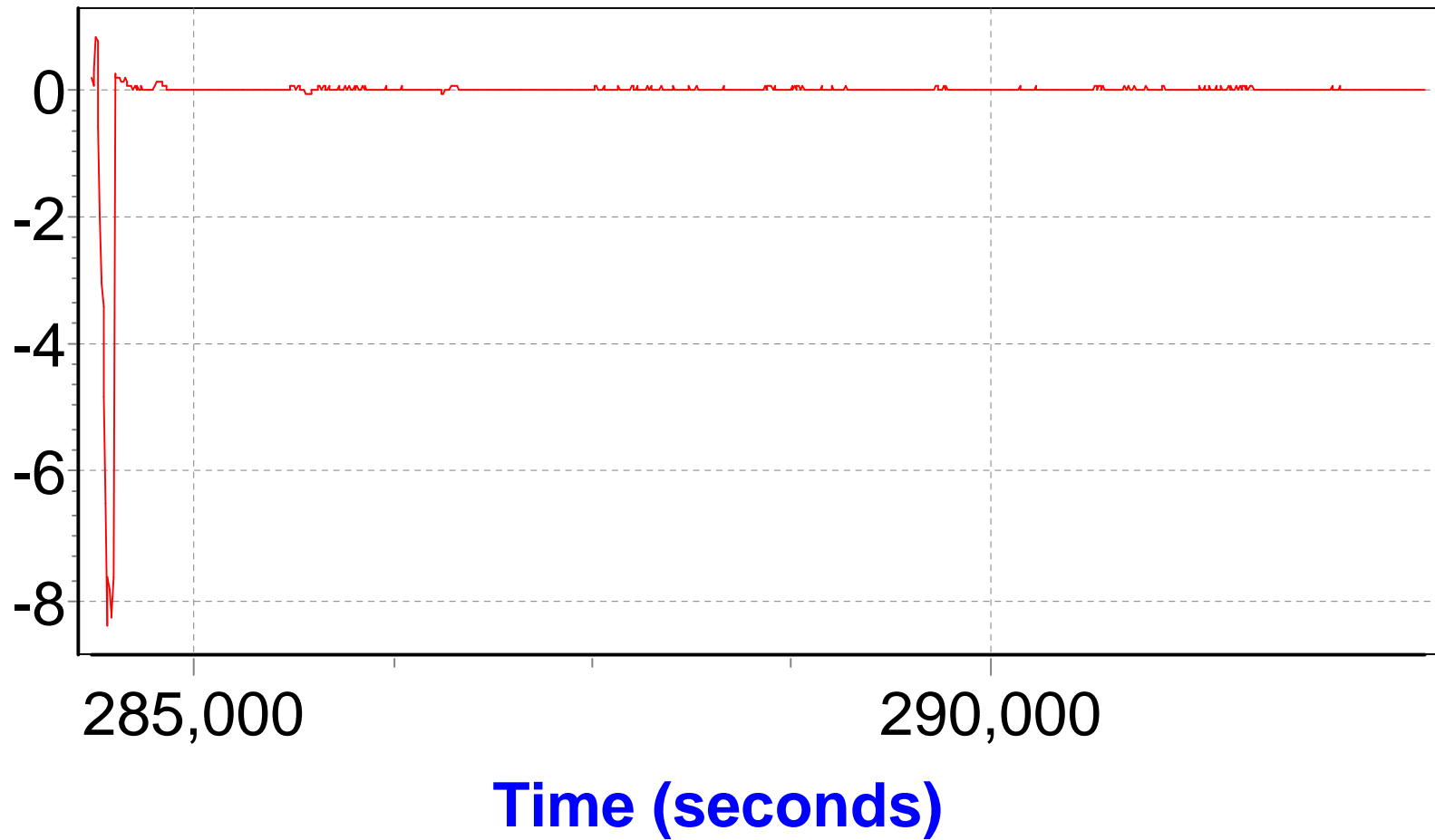
Quality Number Percentages:
Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:
0.00 - 0.10 m: 96.4 %
0.10 - 0.30 m: 3.6 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

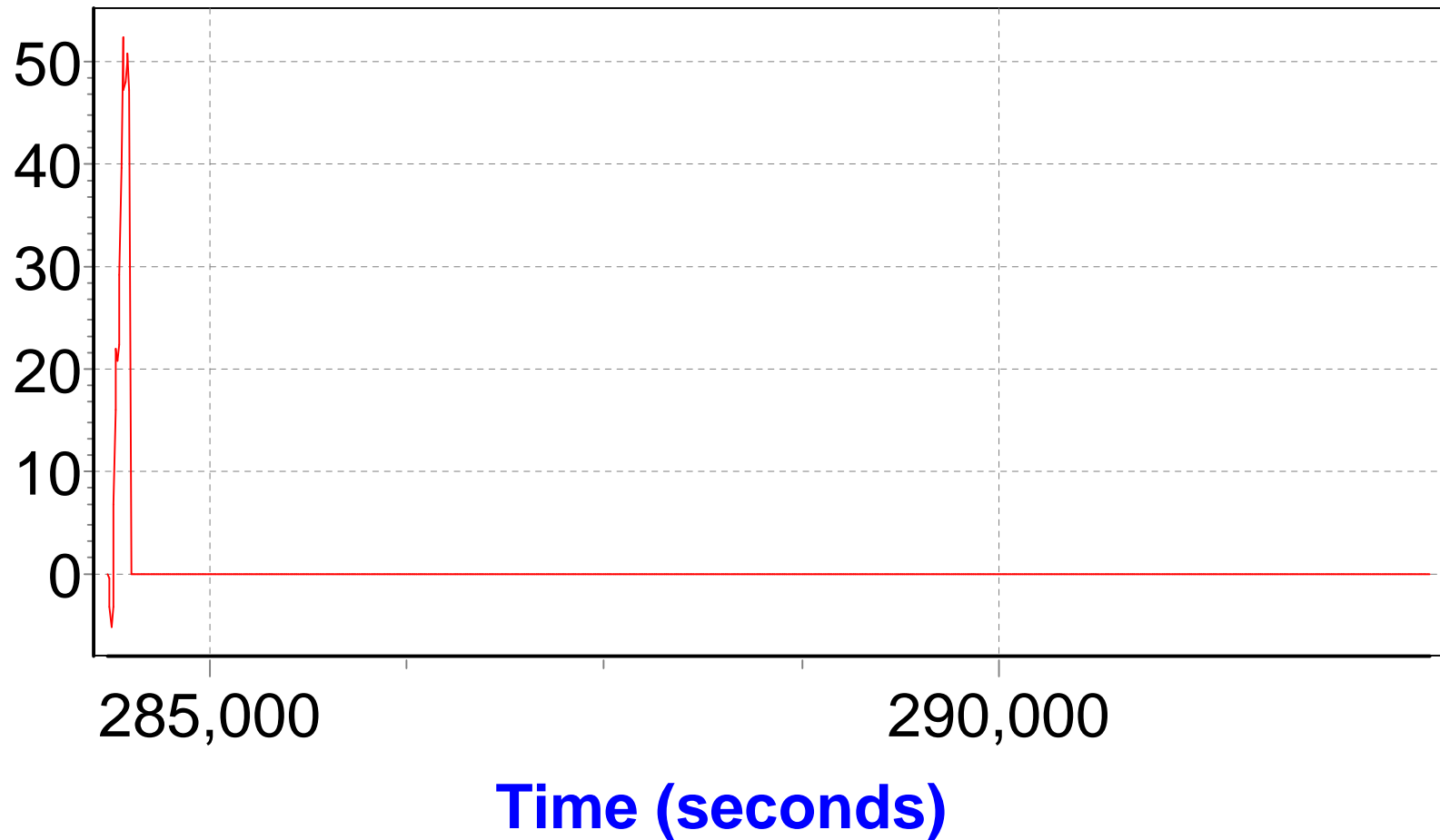
Percentages of epochs with DD_DOP over 10.00:
DOP over Tol: 0.0 %

Baseline Distances:
Maximum: 43.610 (km)
Minimum: 0.109 (km)
Average: 17.684 (km)
First Epoch: 1.337 (km)
Last Epoch: 0.508 (km)

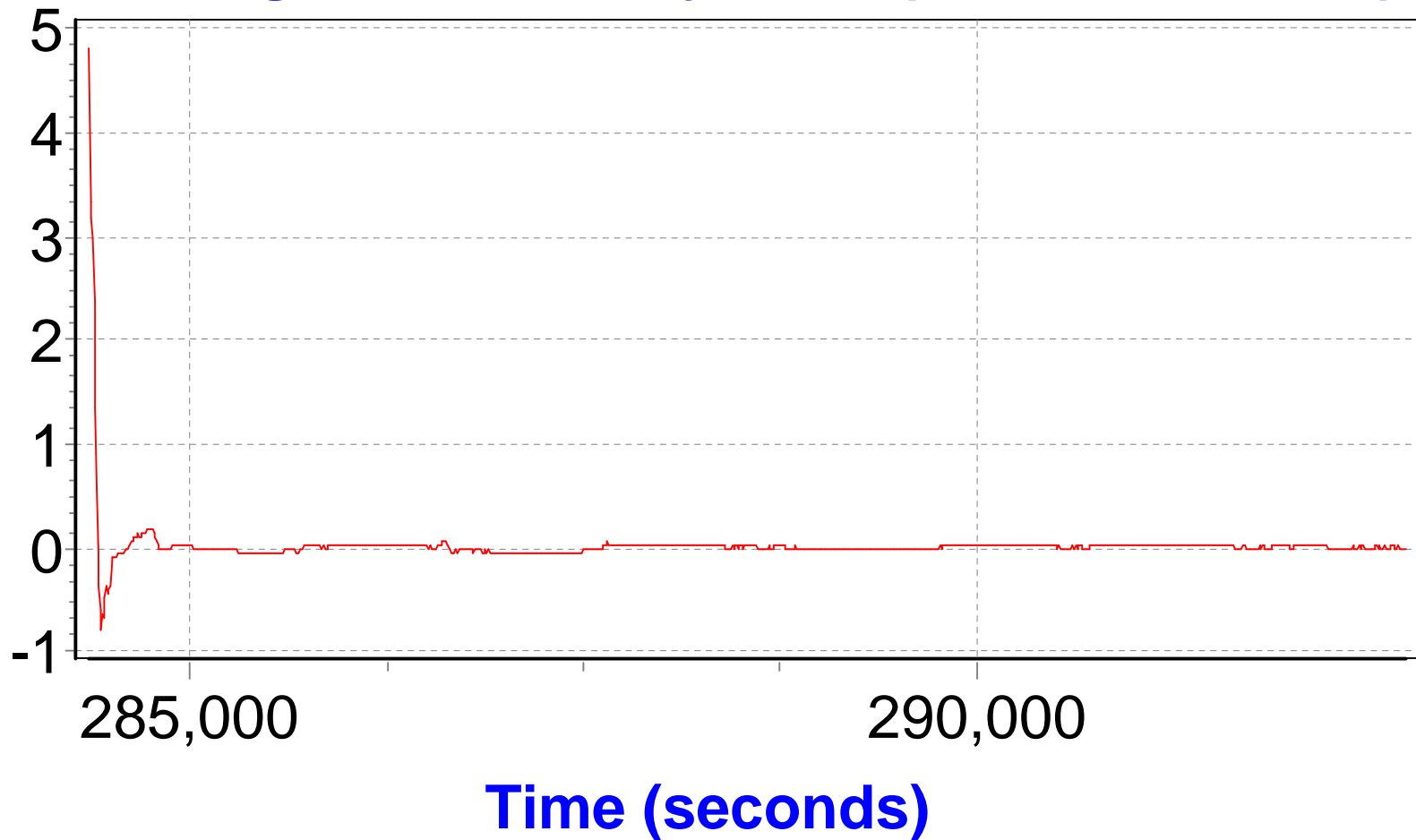
S/D Navigator X Position Error (meters)



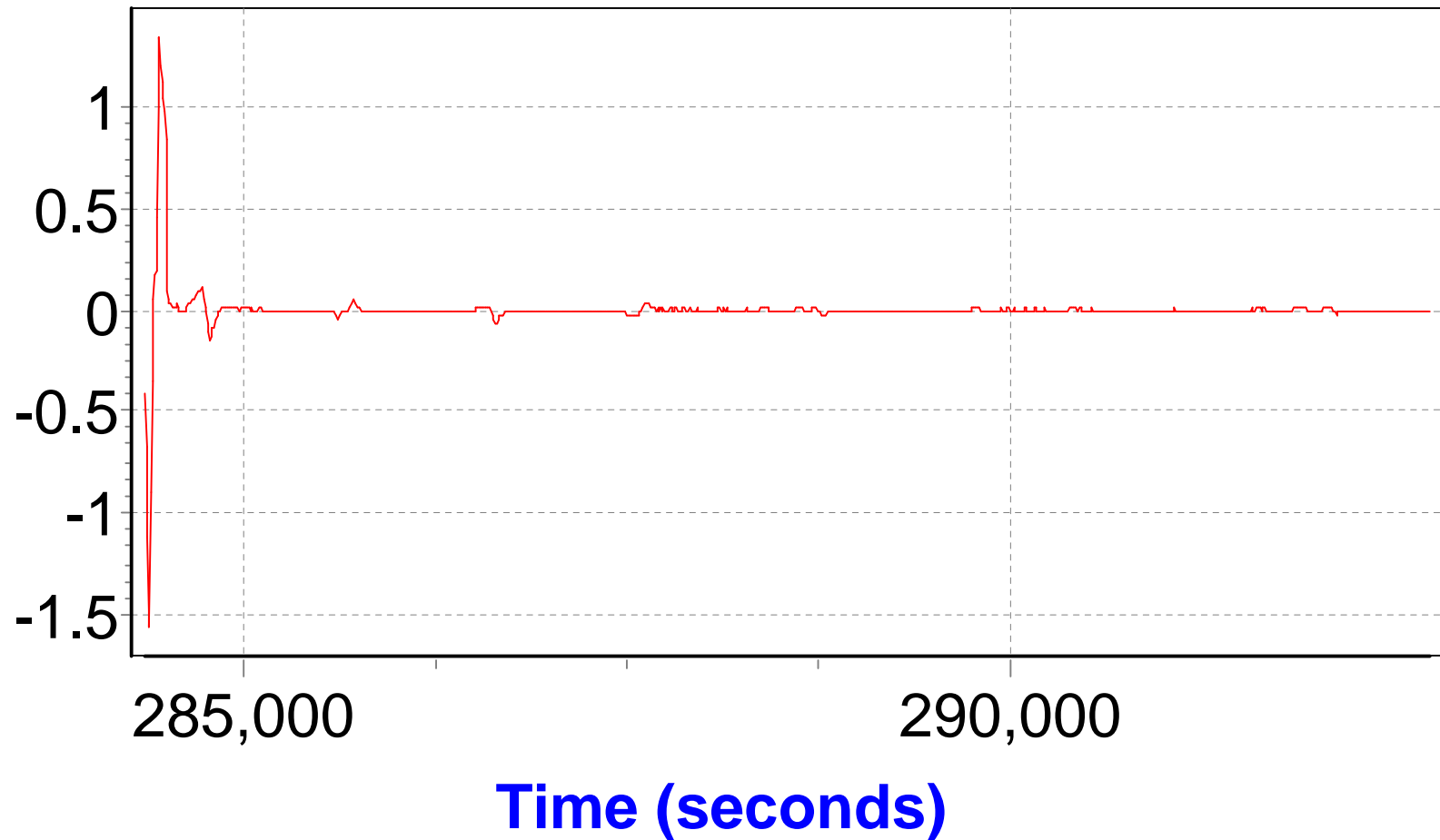
S/D Navigator Y Position Error (meters)



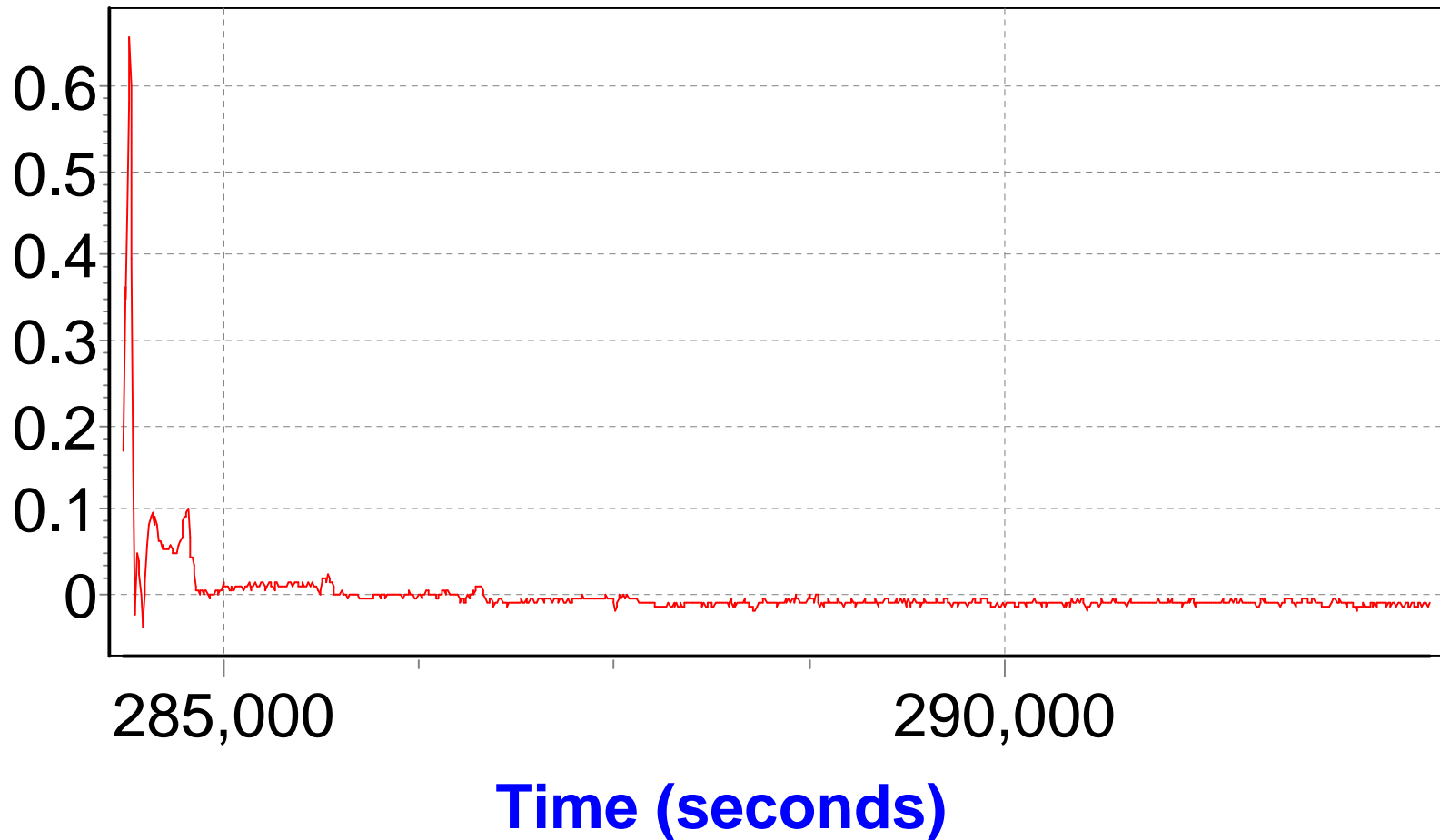
S/D Navigator X Velocity Error (meters/seconds)



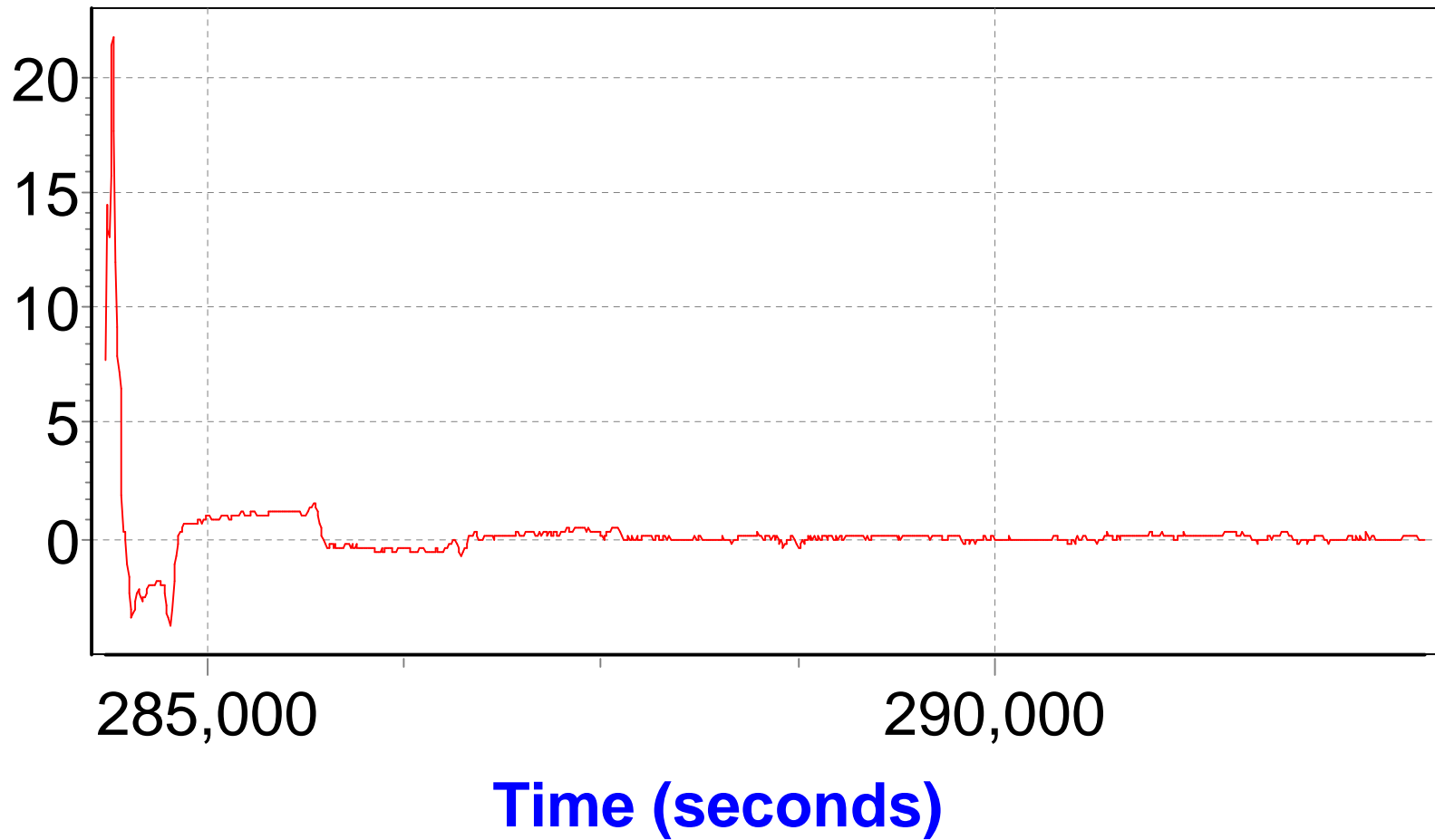
S/D Navigator Y Velocity Error (meters/seconds)



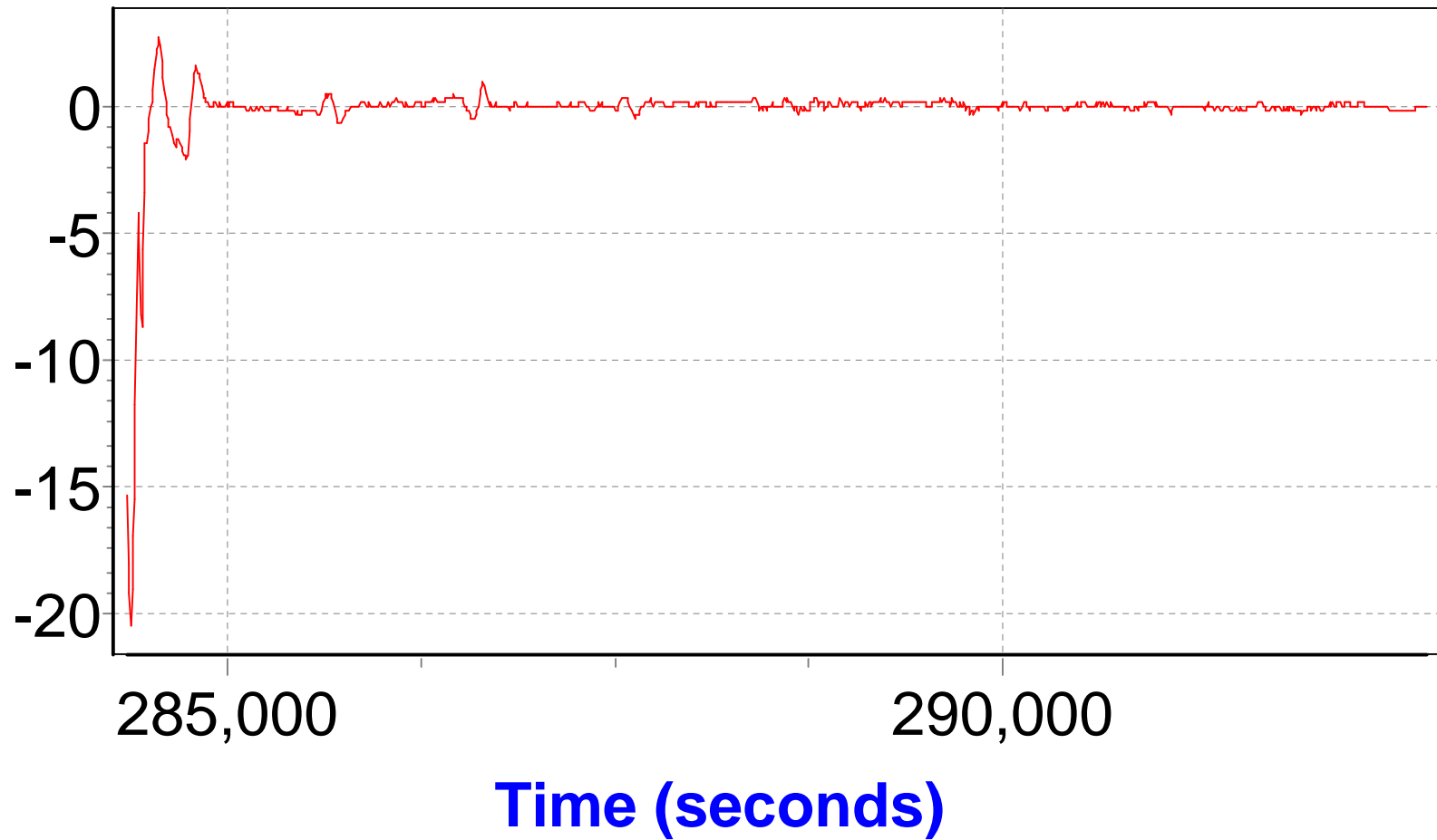
S/D Navigator Z Velocity Error (meters/seconds)



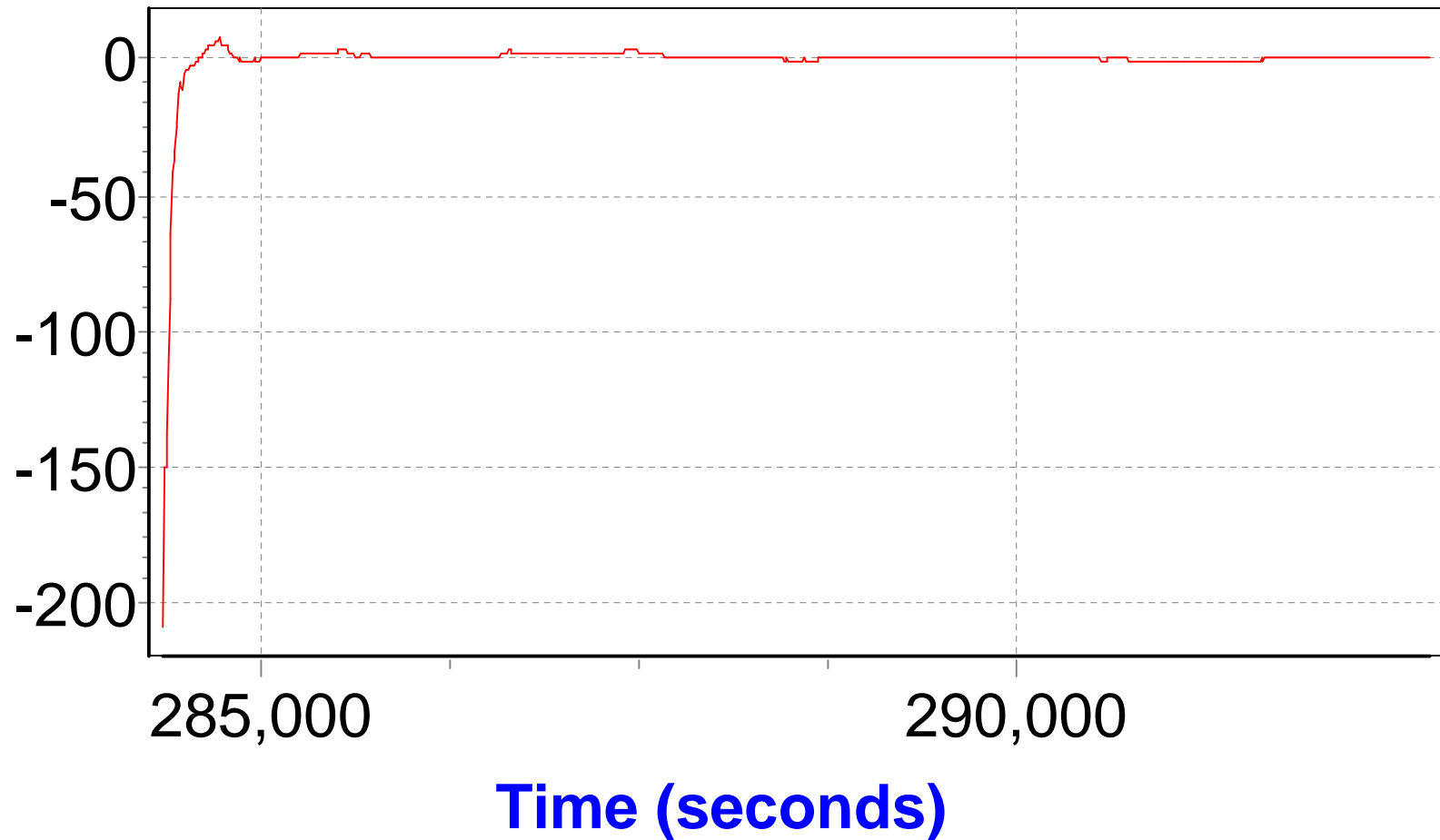
S/D Navigator X Misalignment (arcmin)



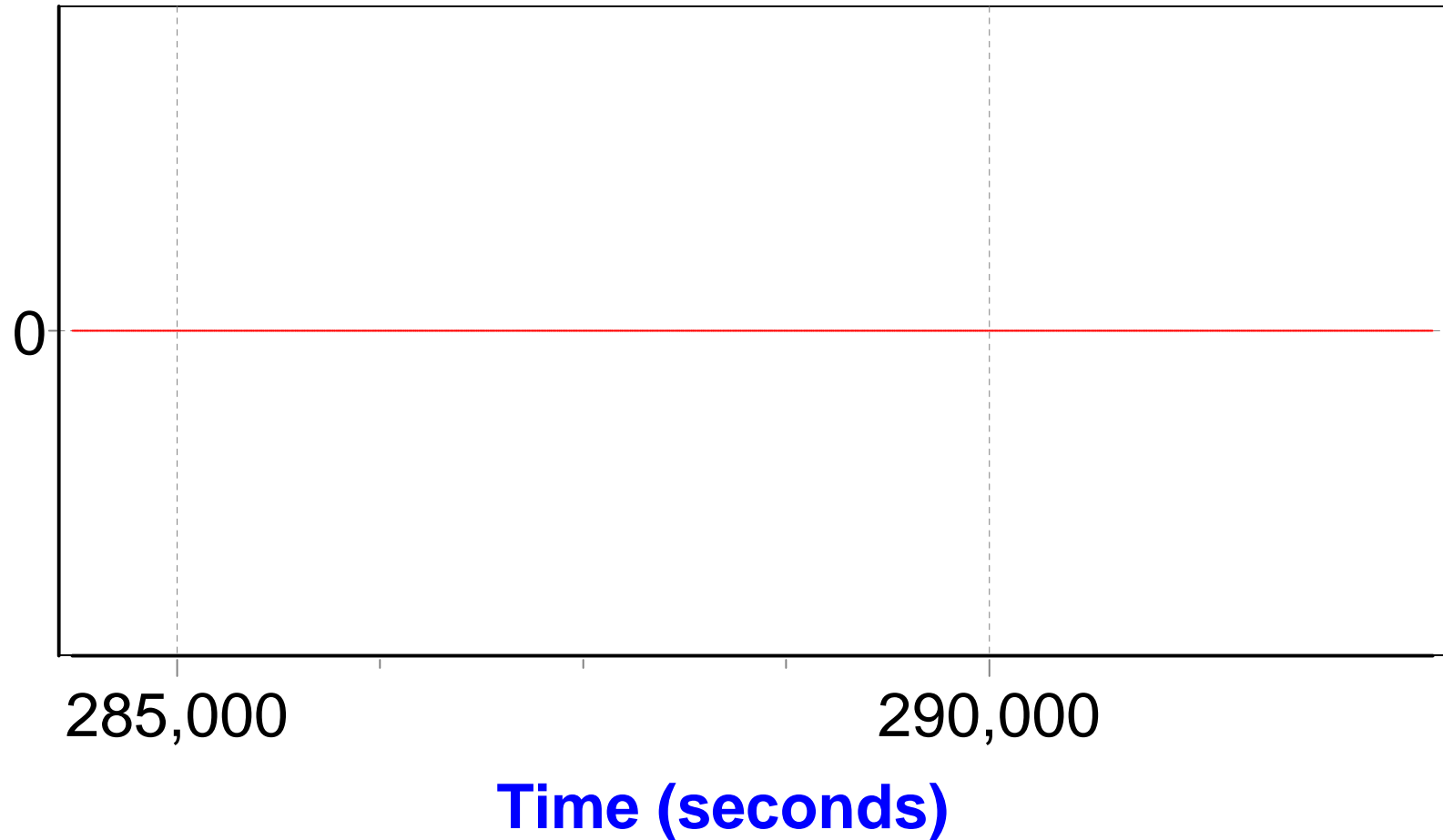
S/D Navigator Y Misalignment (arcmin)



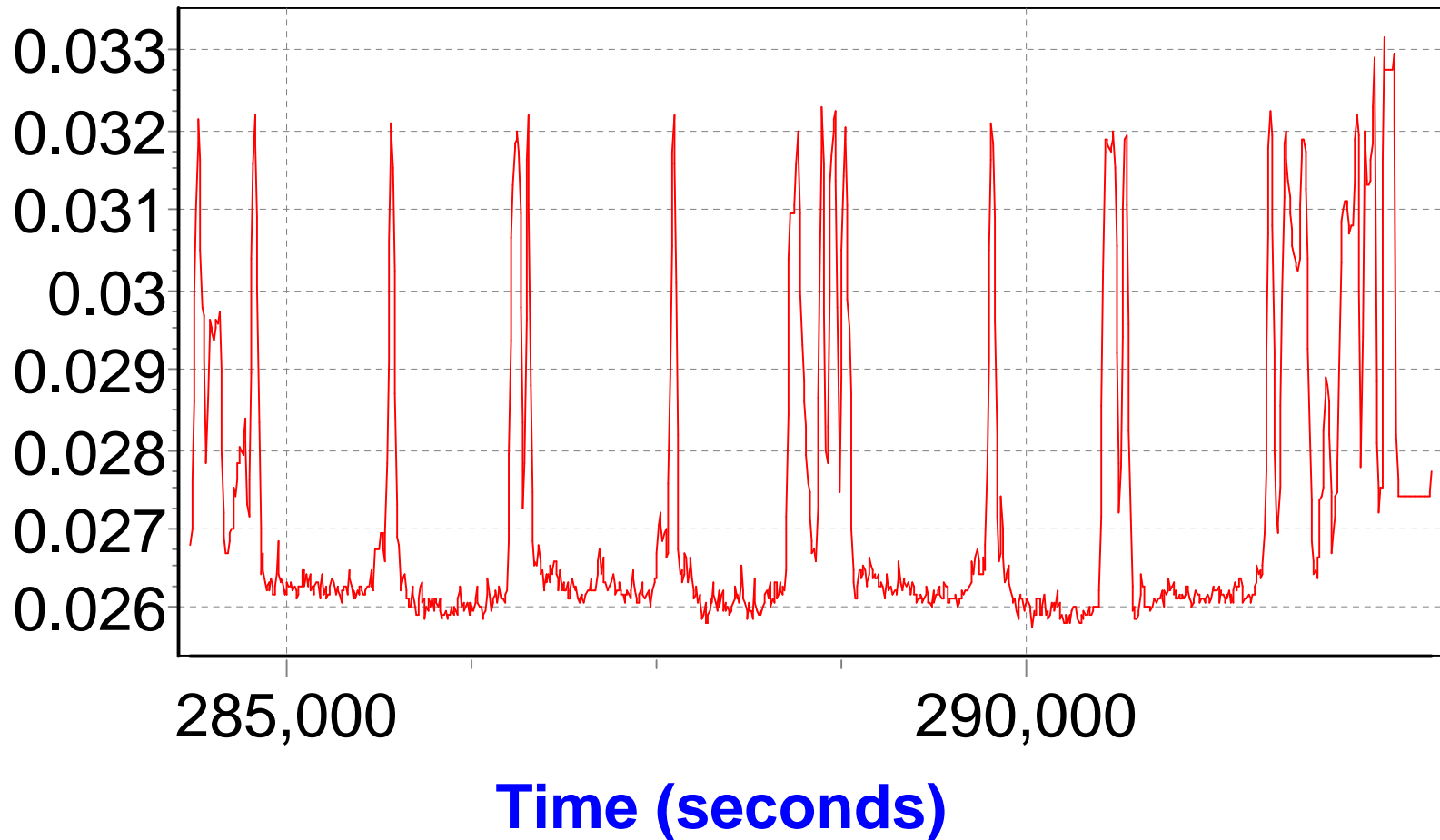
S/D Navigator Z Misalignment (arcmin)



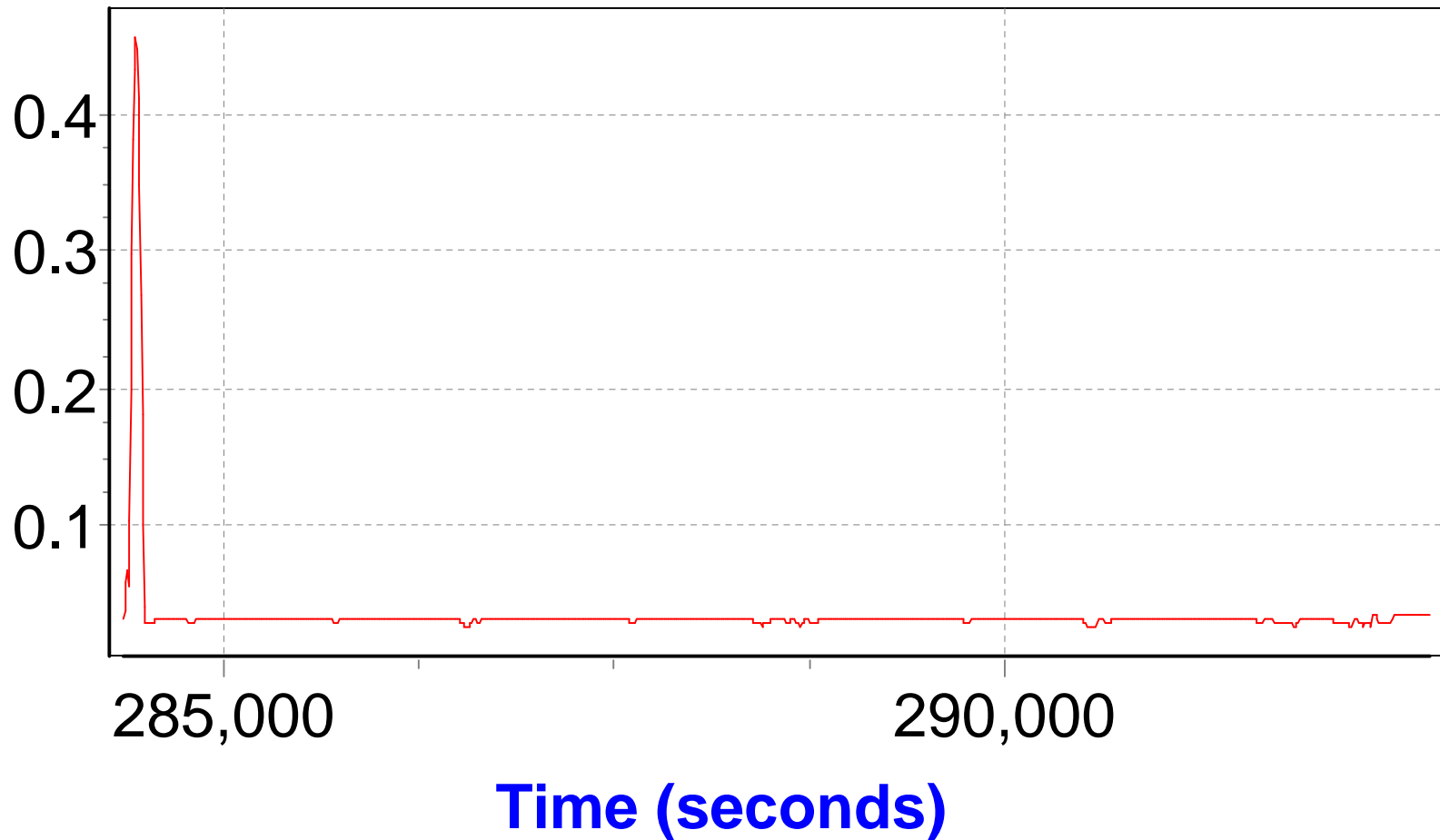
S/D Navigator COS(Z Misalignment)-1 (radians)



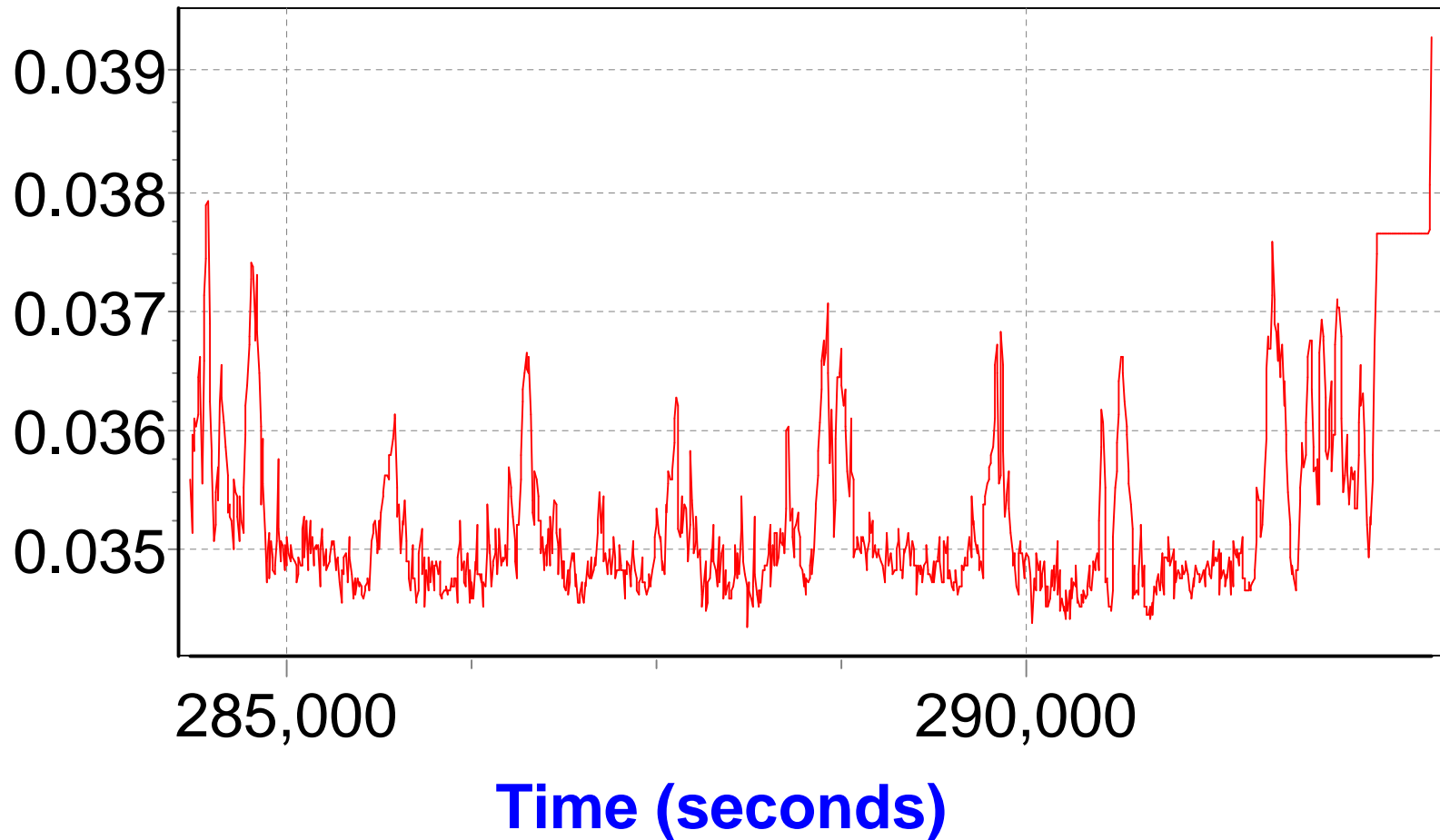
S/D Navigator X Position RMS Error (meters)



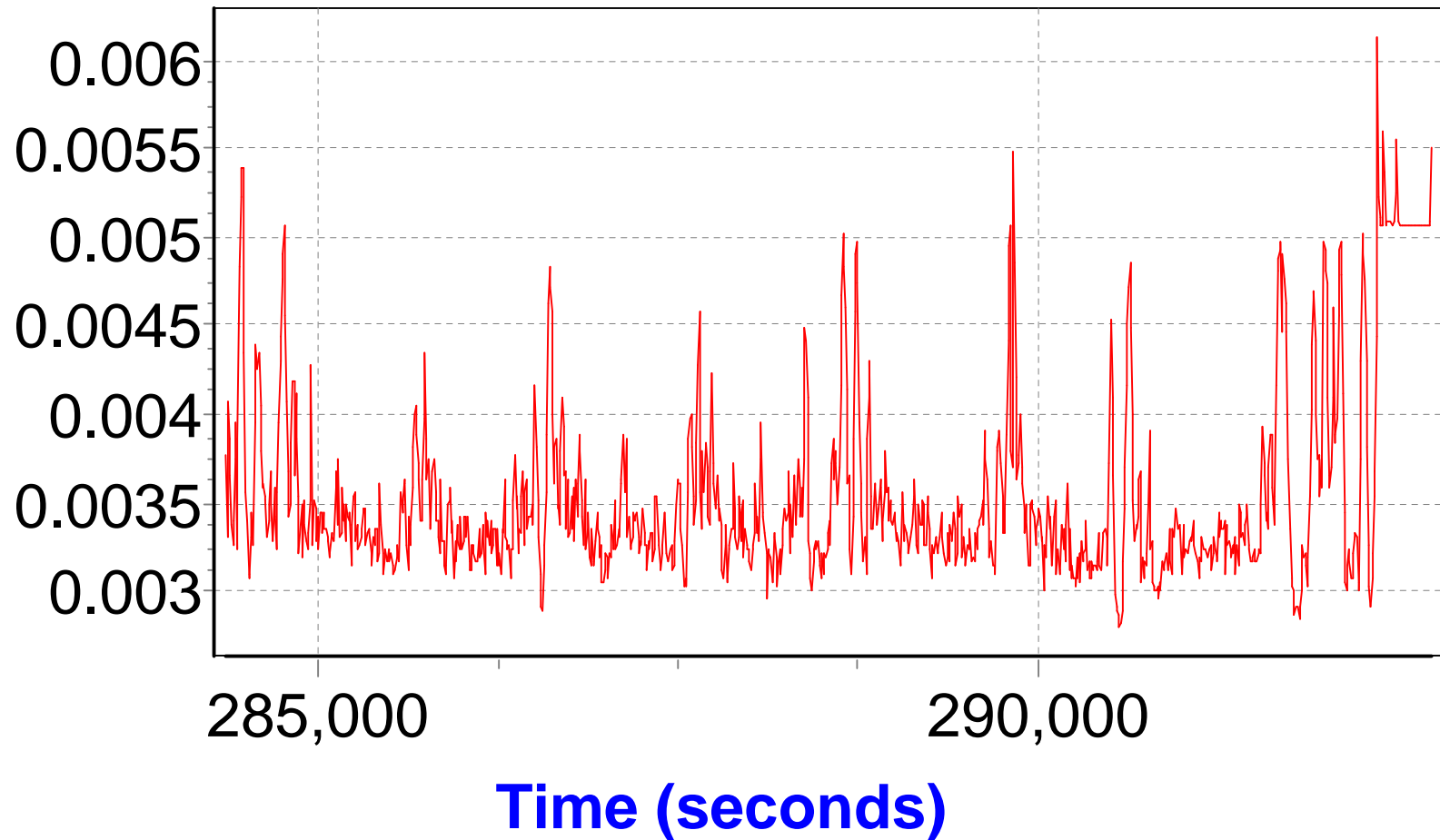
S/D Navigator Y Position RMS Error (meters)



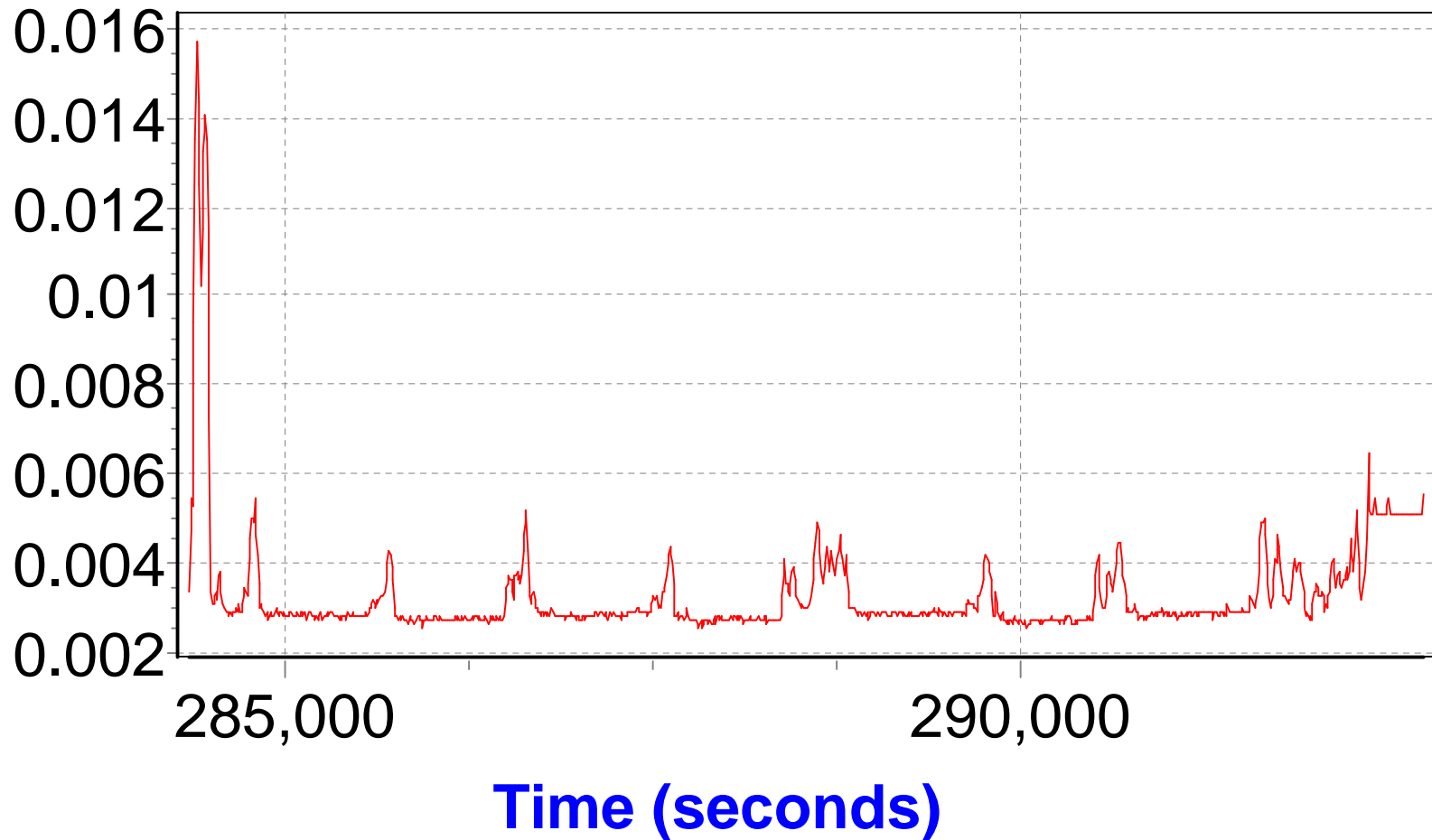
S/D Navigator Z Position RMS Error (meters)



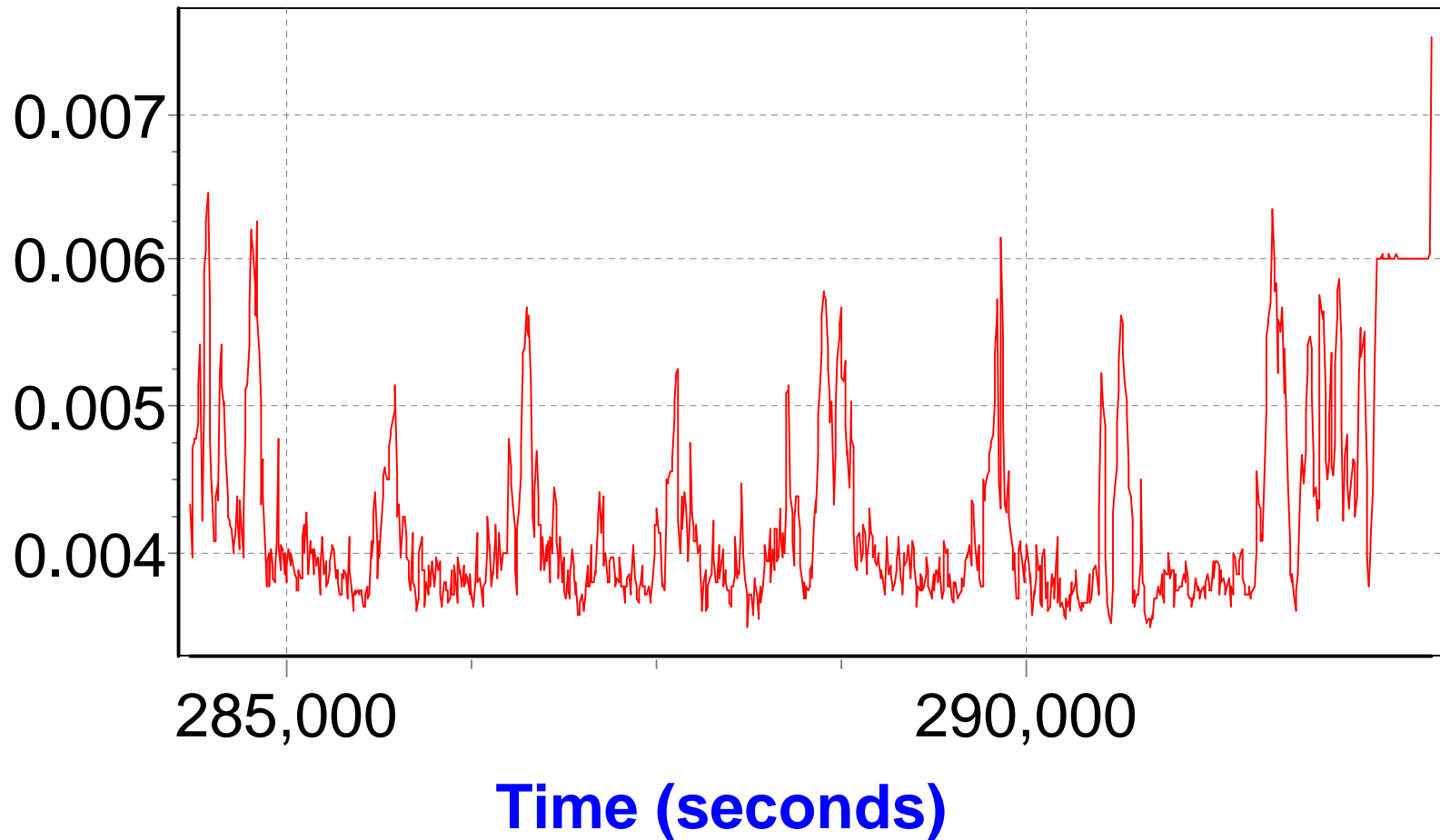
S/D Navigator X Velocity RMS Error (meters/seconds)



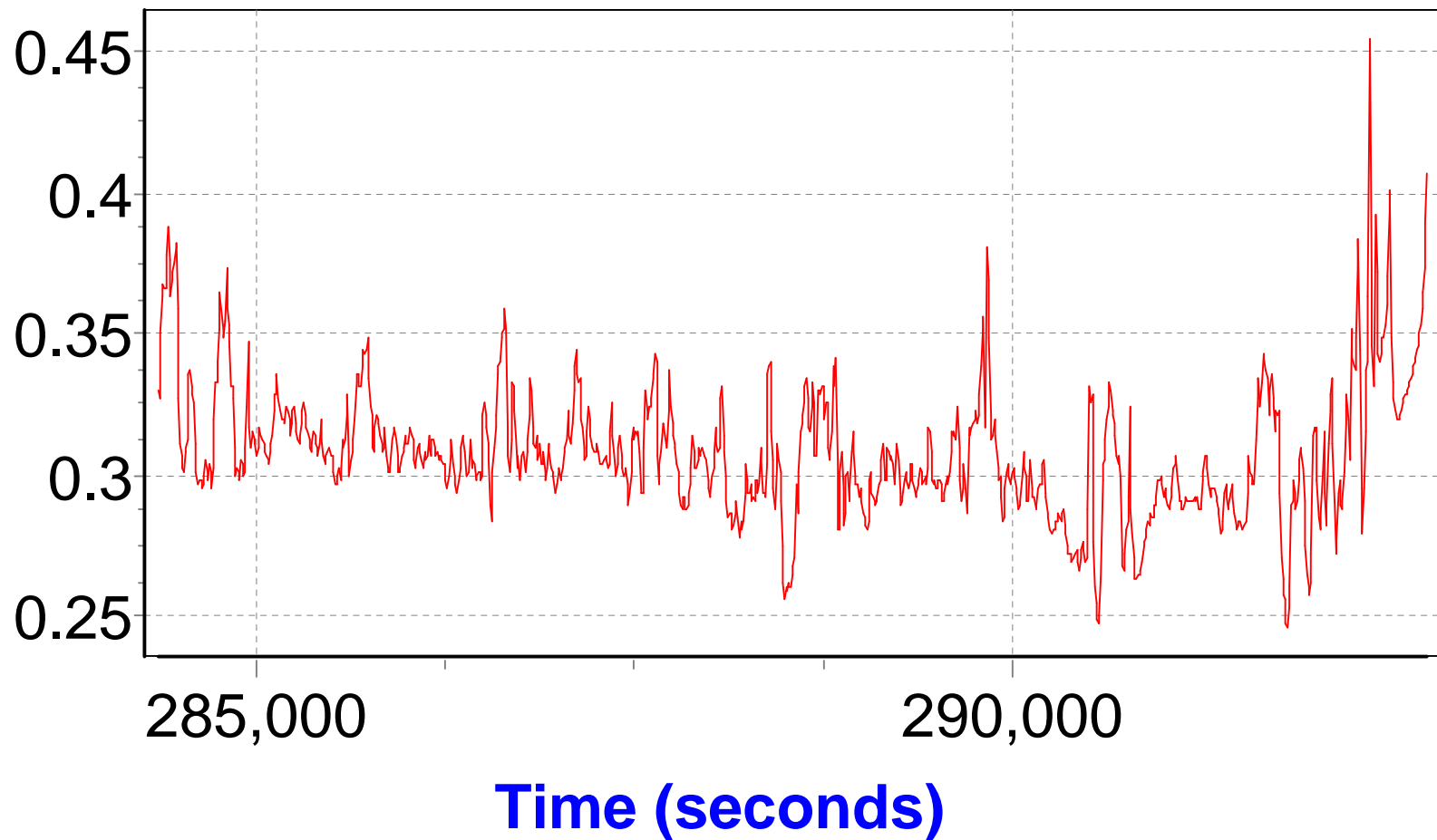
S/D Navigator Y Velocity RMS Error (meters/seconds)



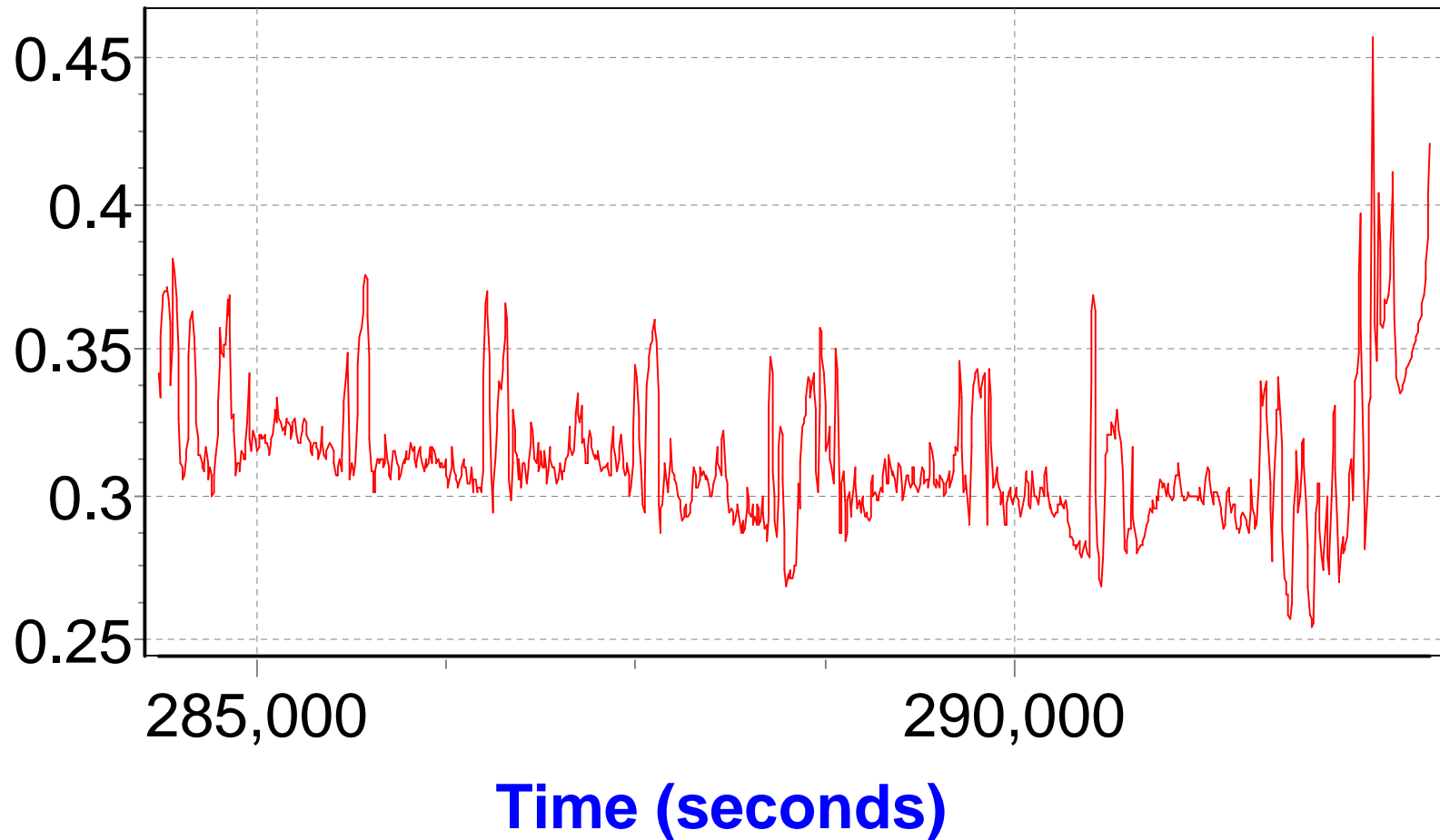
S/D Navigator Z Velocity RMS Error (meters/seconds)



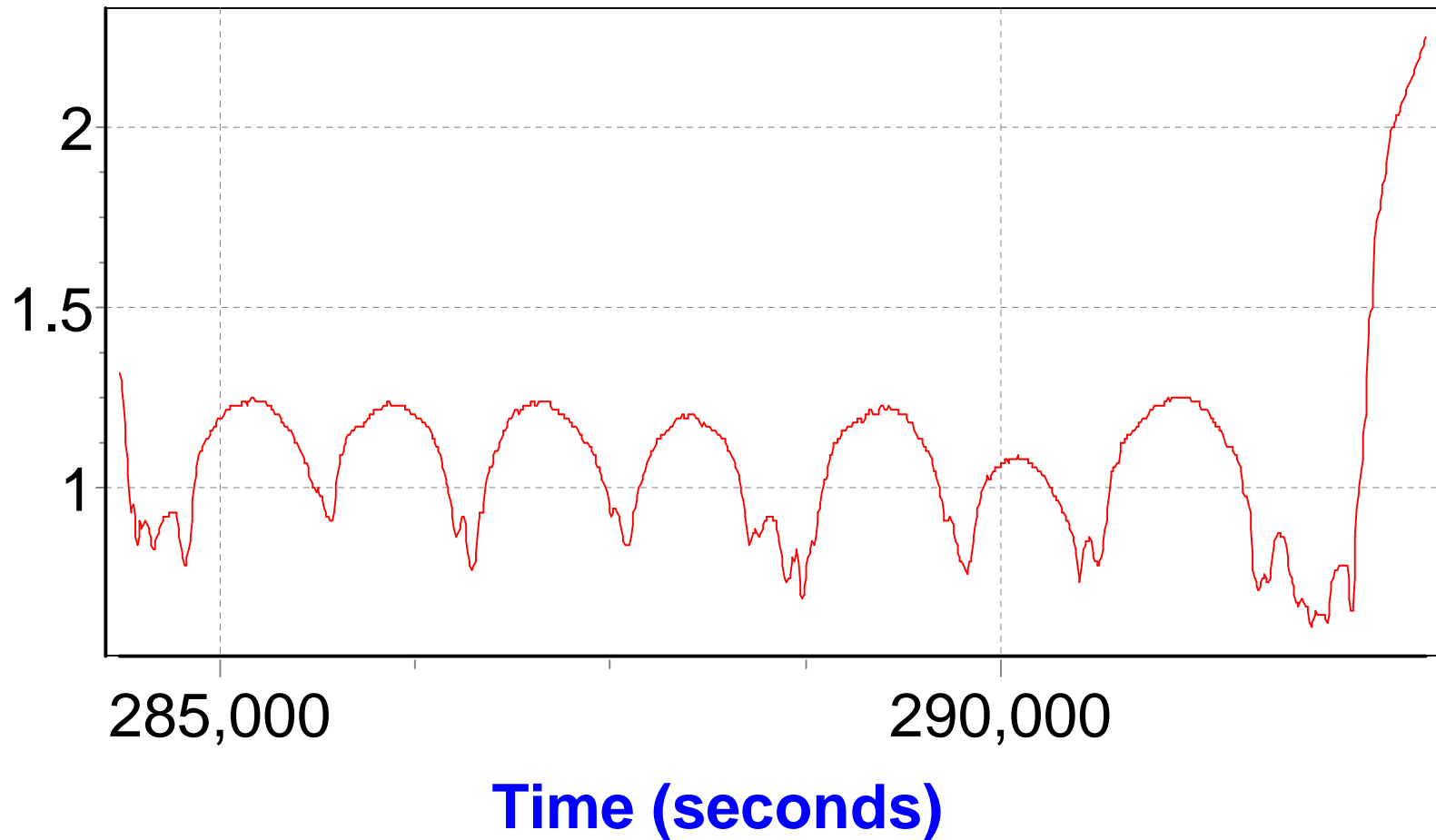
S/D Navigator X Misalignment RMS (arcmin)



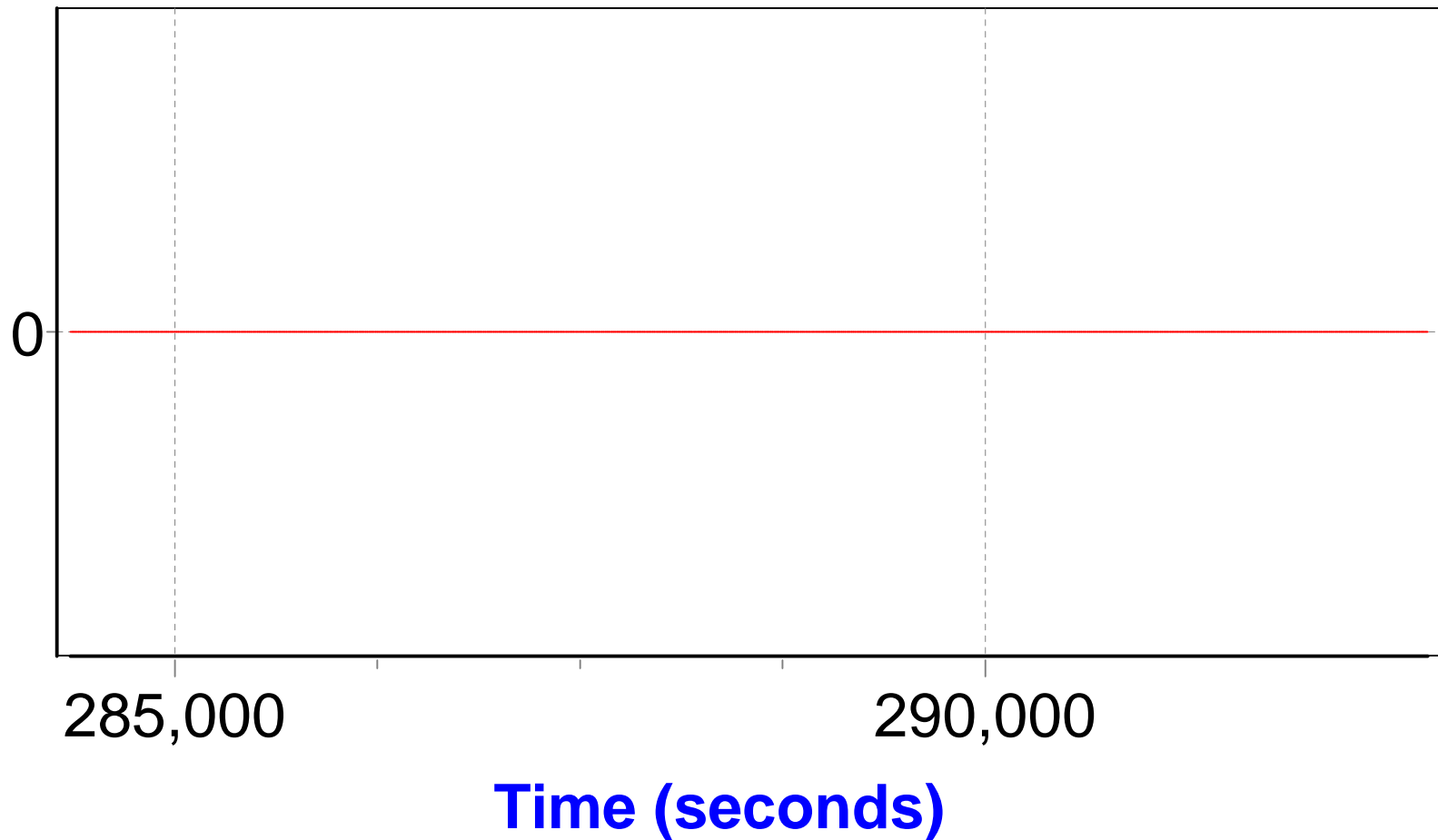
S/D Navigator Y Misalignment RMS (arcmin)



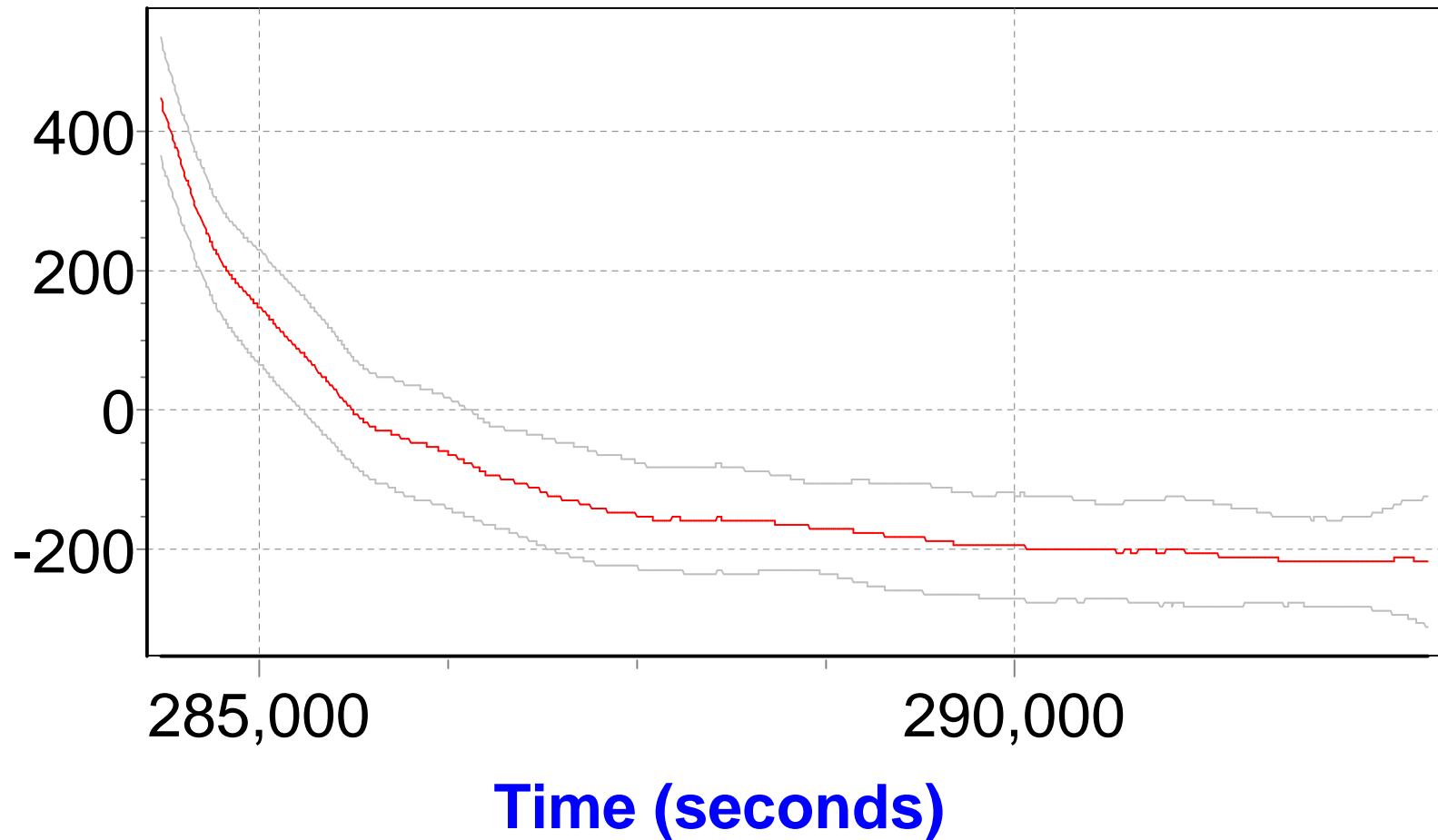
S/D Navigator Z Misalignment RMS (arcmin)



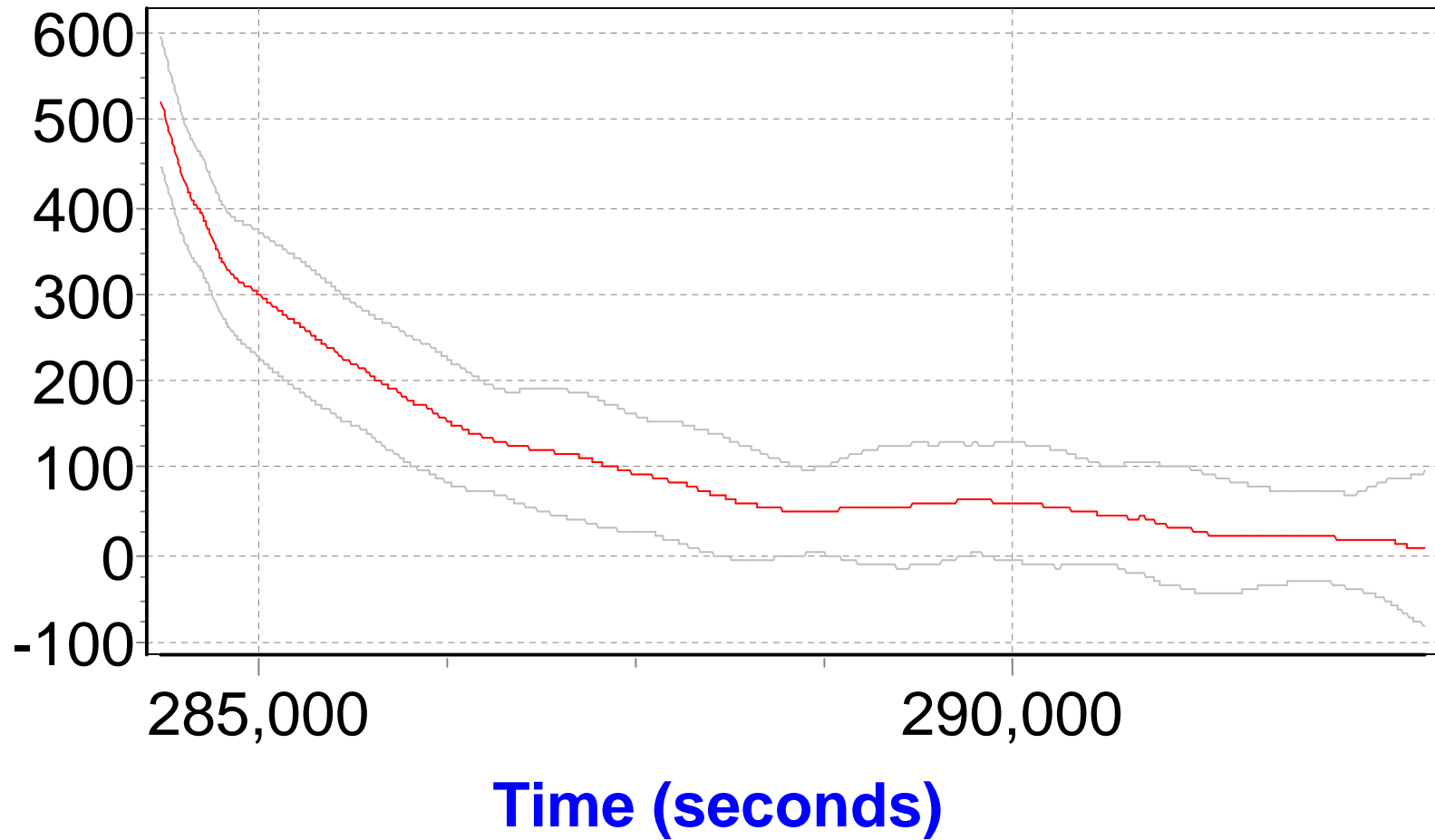
S/D Navigator COS(Z Misalignment)-1 RMS (radians)



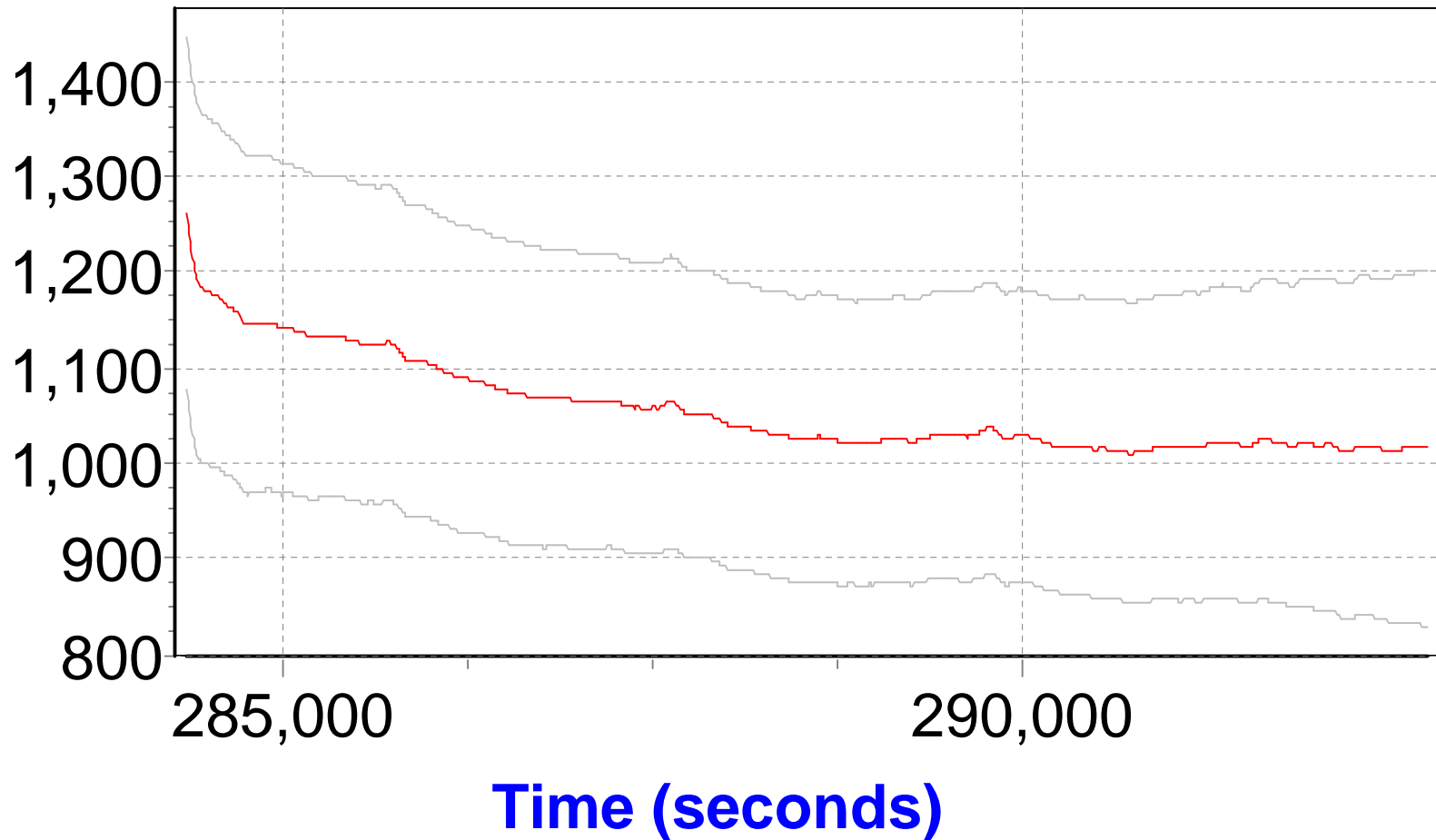
X Accelerometer Bias (micro-g)



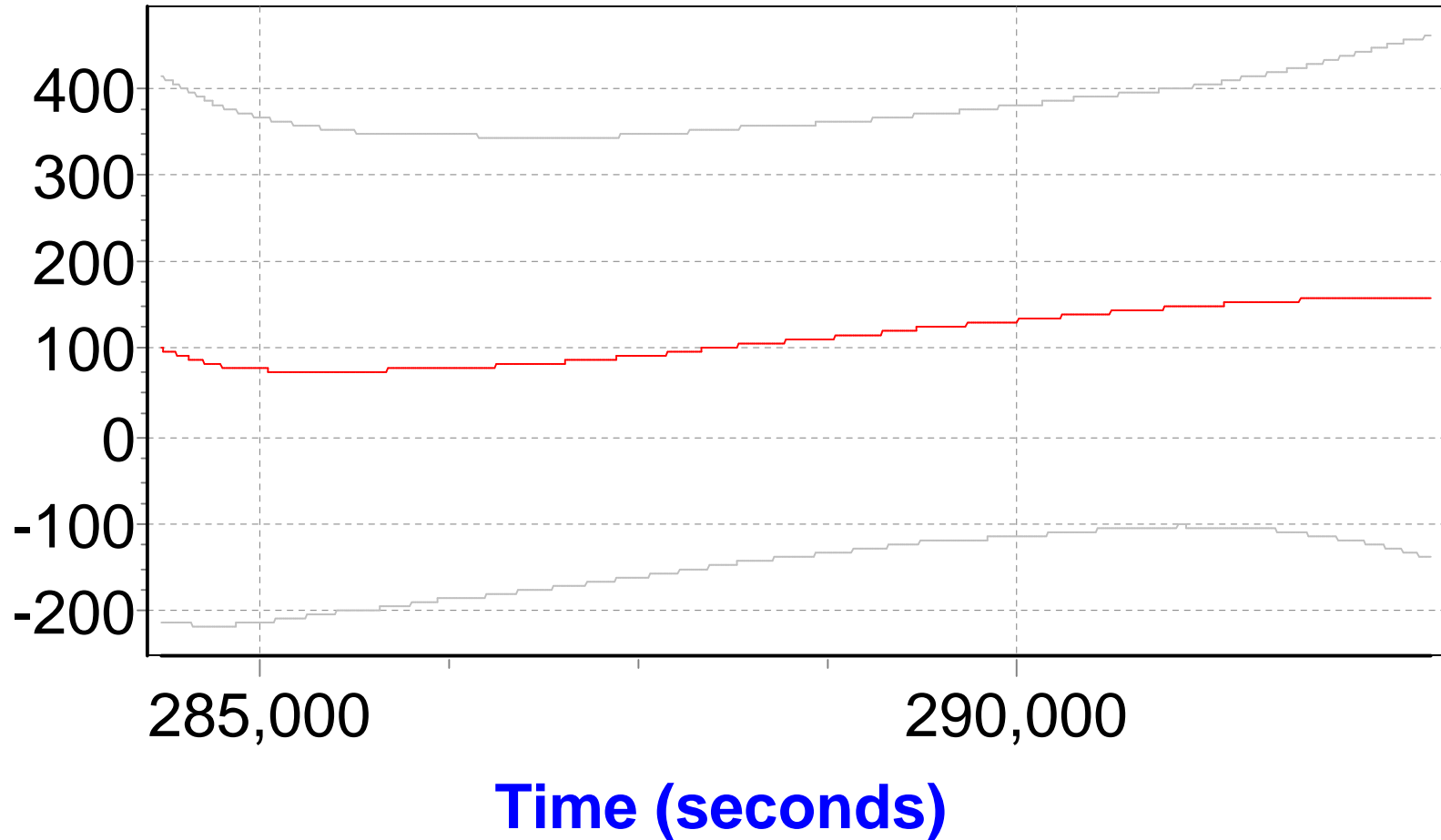
Y Accelerometer Bias (micro-g)



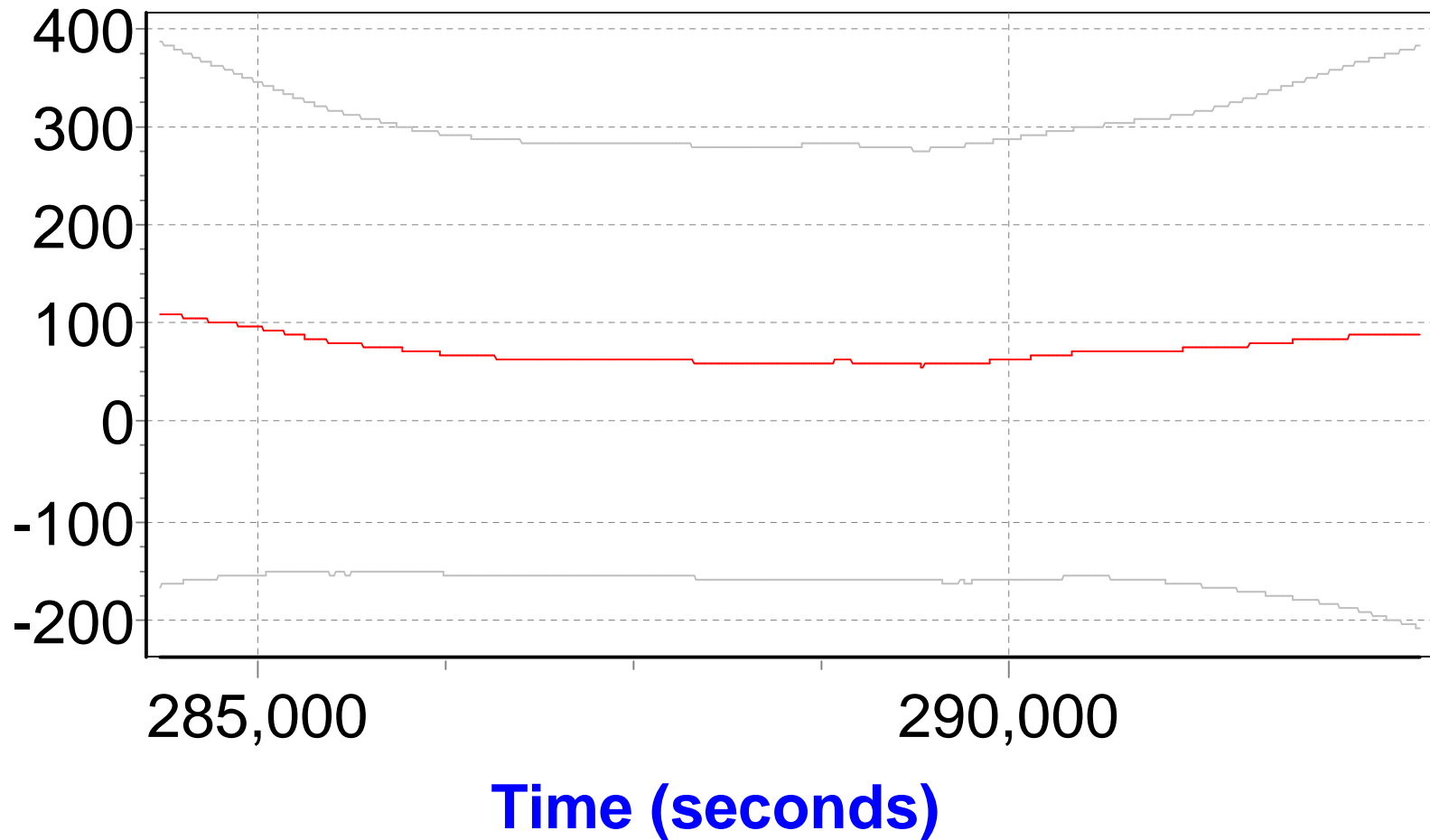
Z Accelerometer Bias (micro-g)



X Accelerometer Scale Factor Error (ppm)



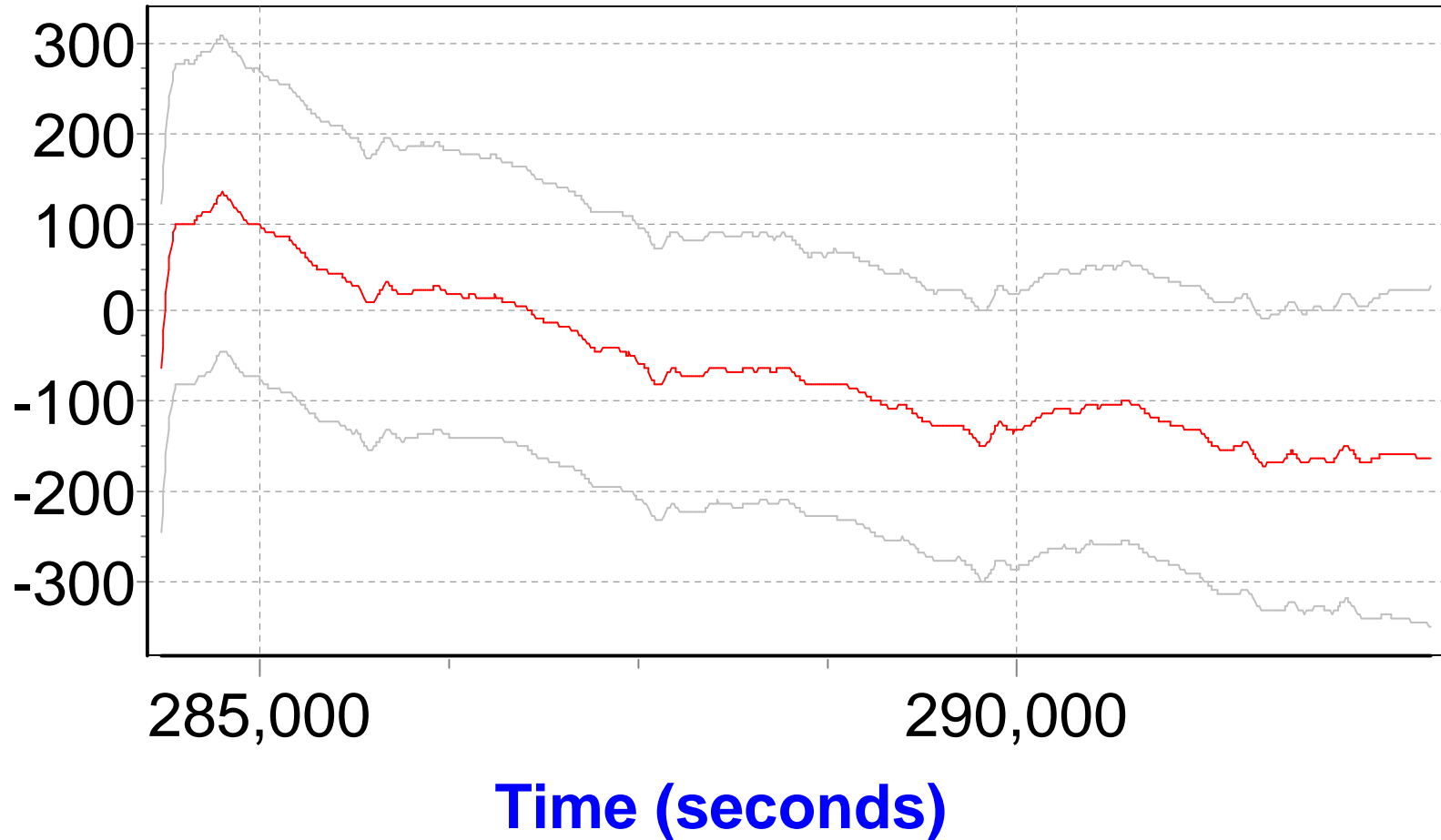
Y Accelerometer Scale Factor Error (ppm)



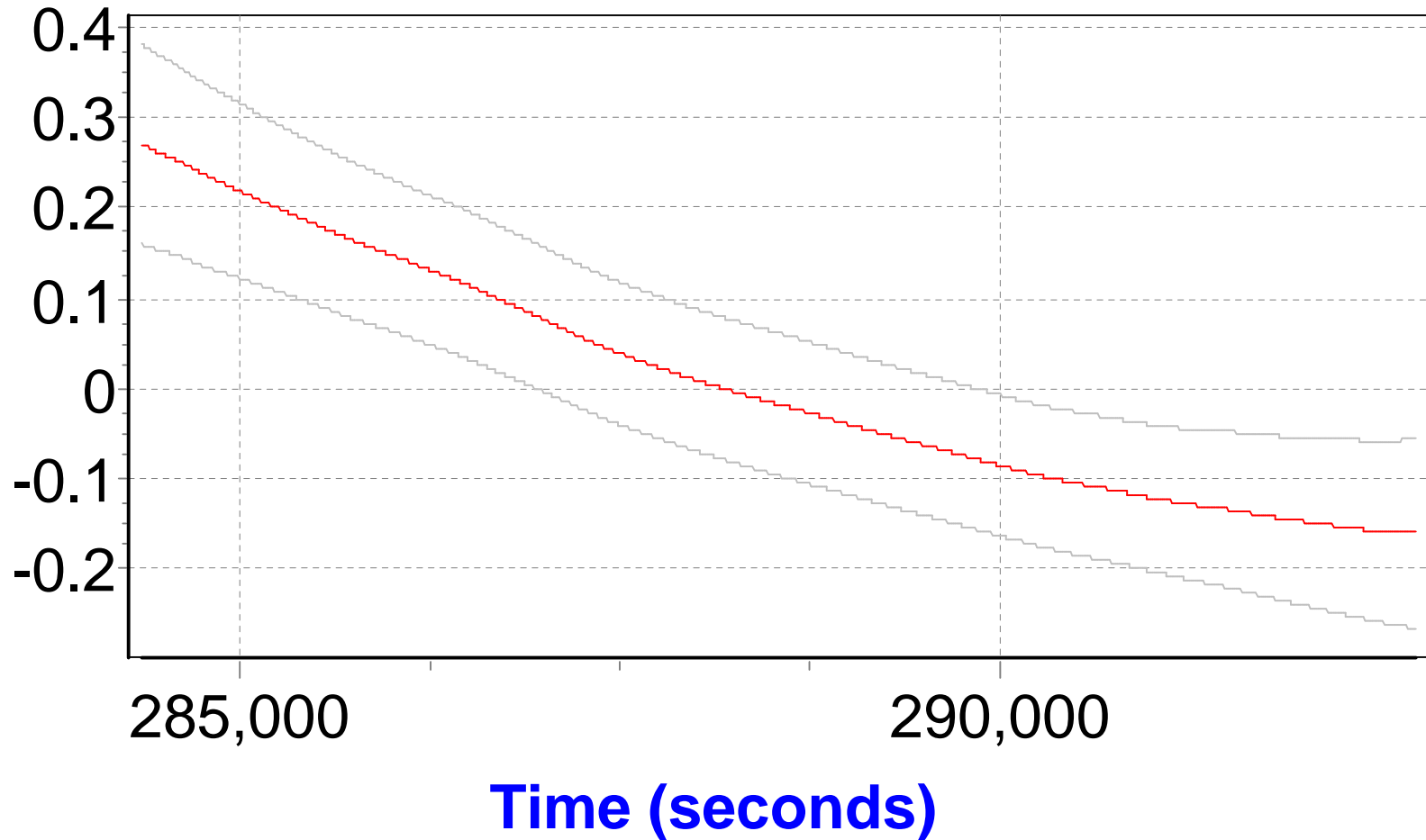
G:\o112094d\3_Processed\Extract\smers_o112094d.dat

G:\o112094d\3_Processed\Extract\smrms_o112094d.dat

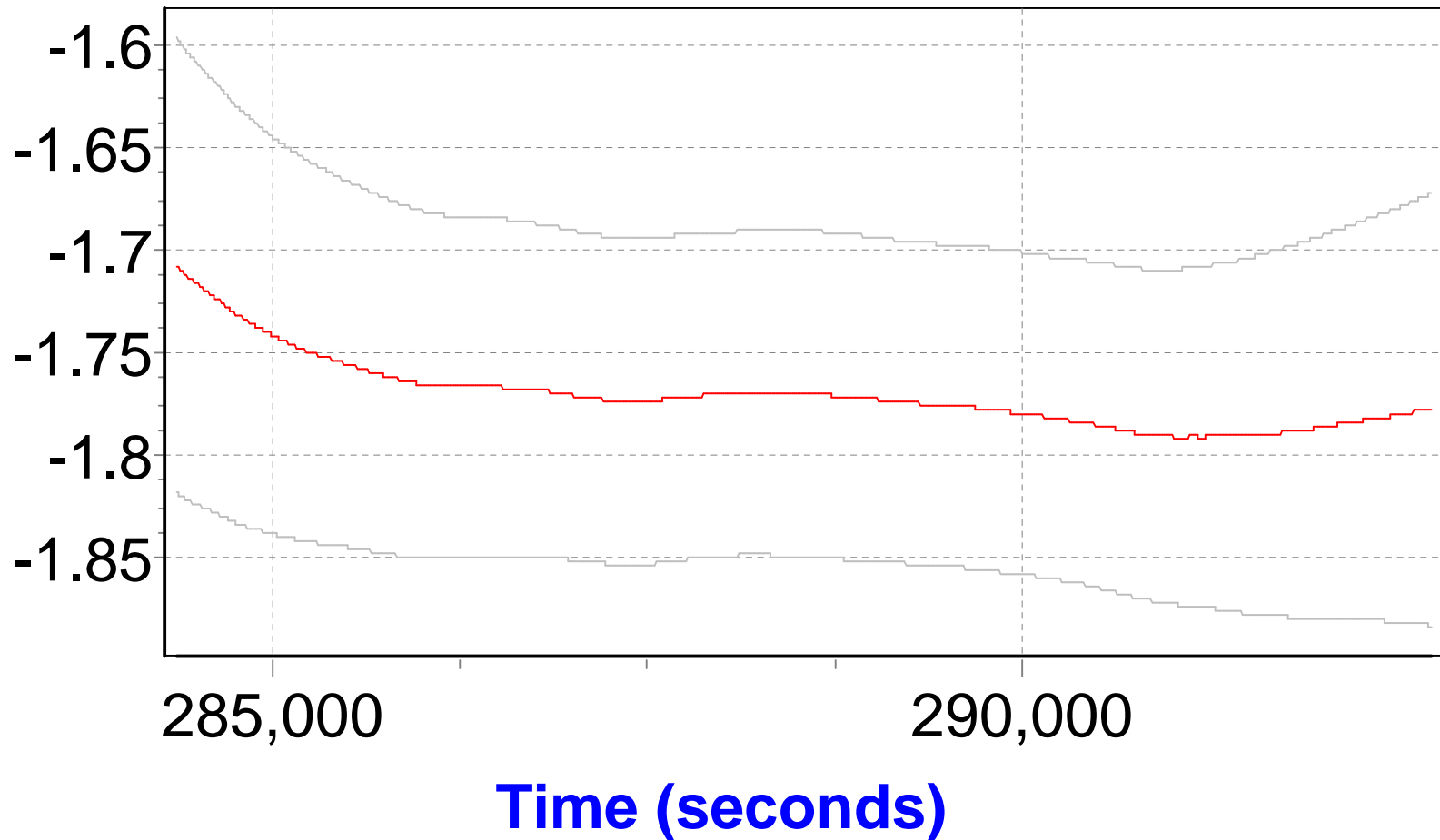
Z Accelerometer Scale Factor Error (ppm)



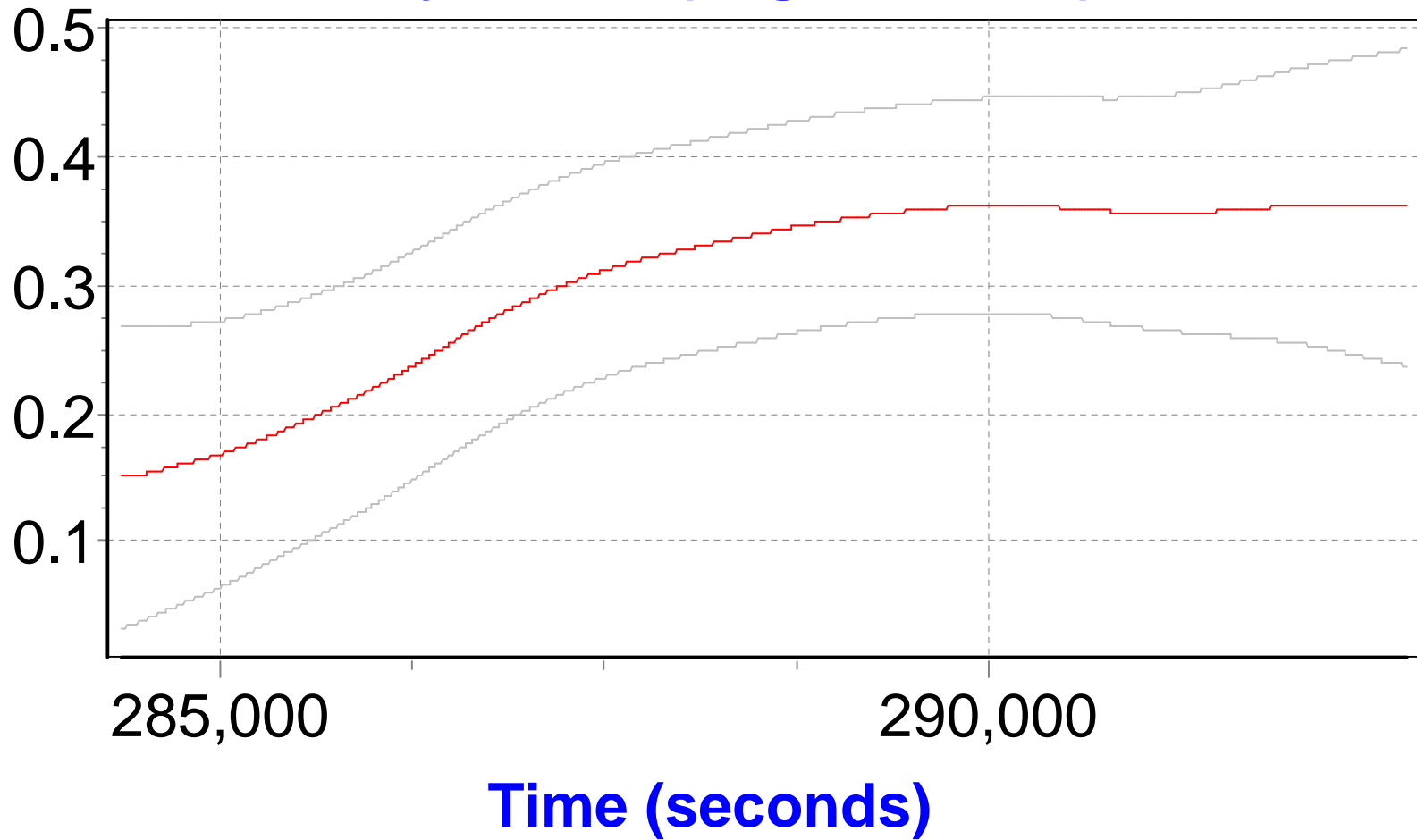
X Gyro Bias (degrees/hour)



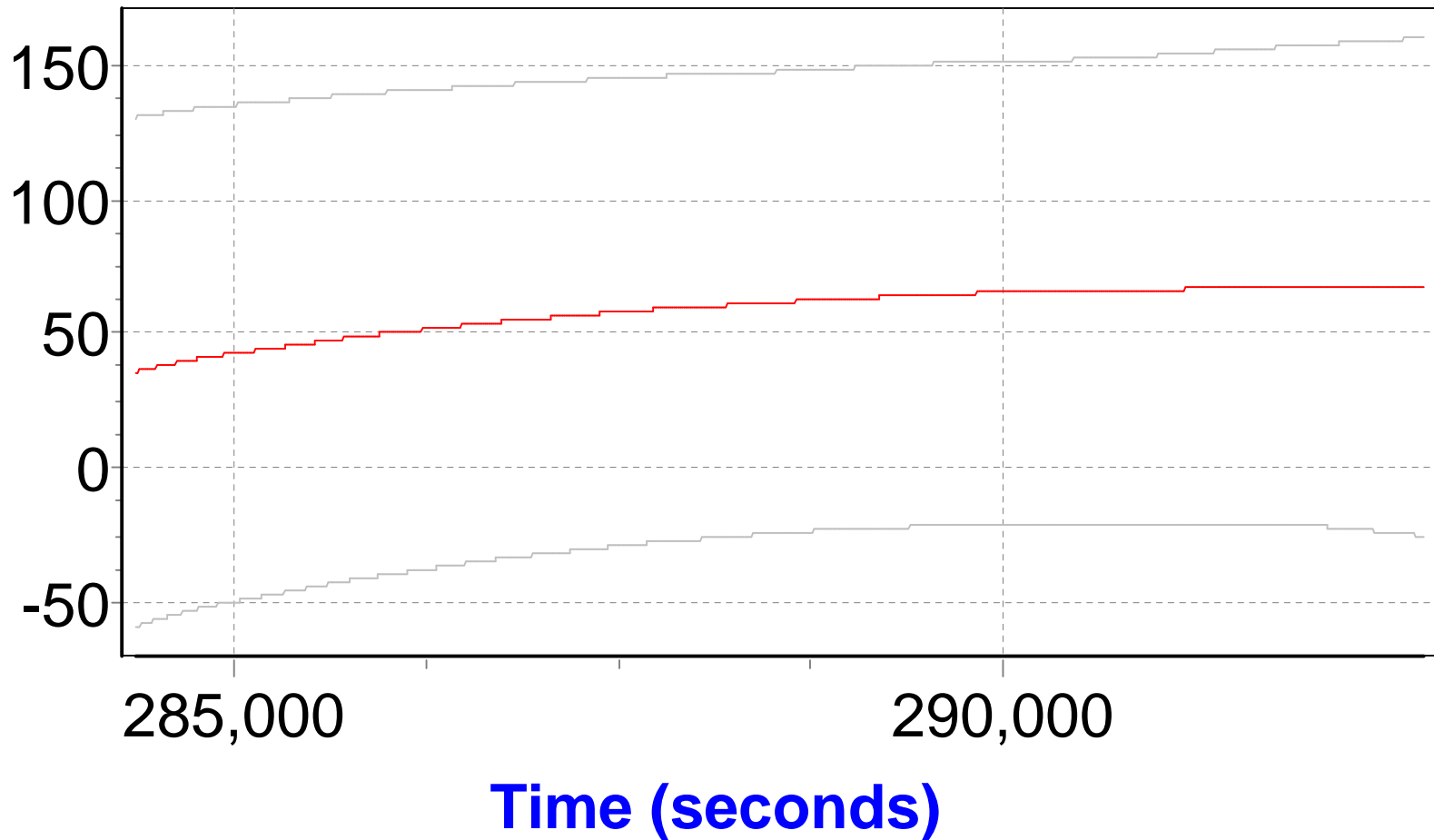
Y Gyro Bias (degrees/hour)



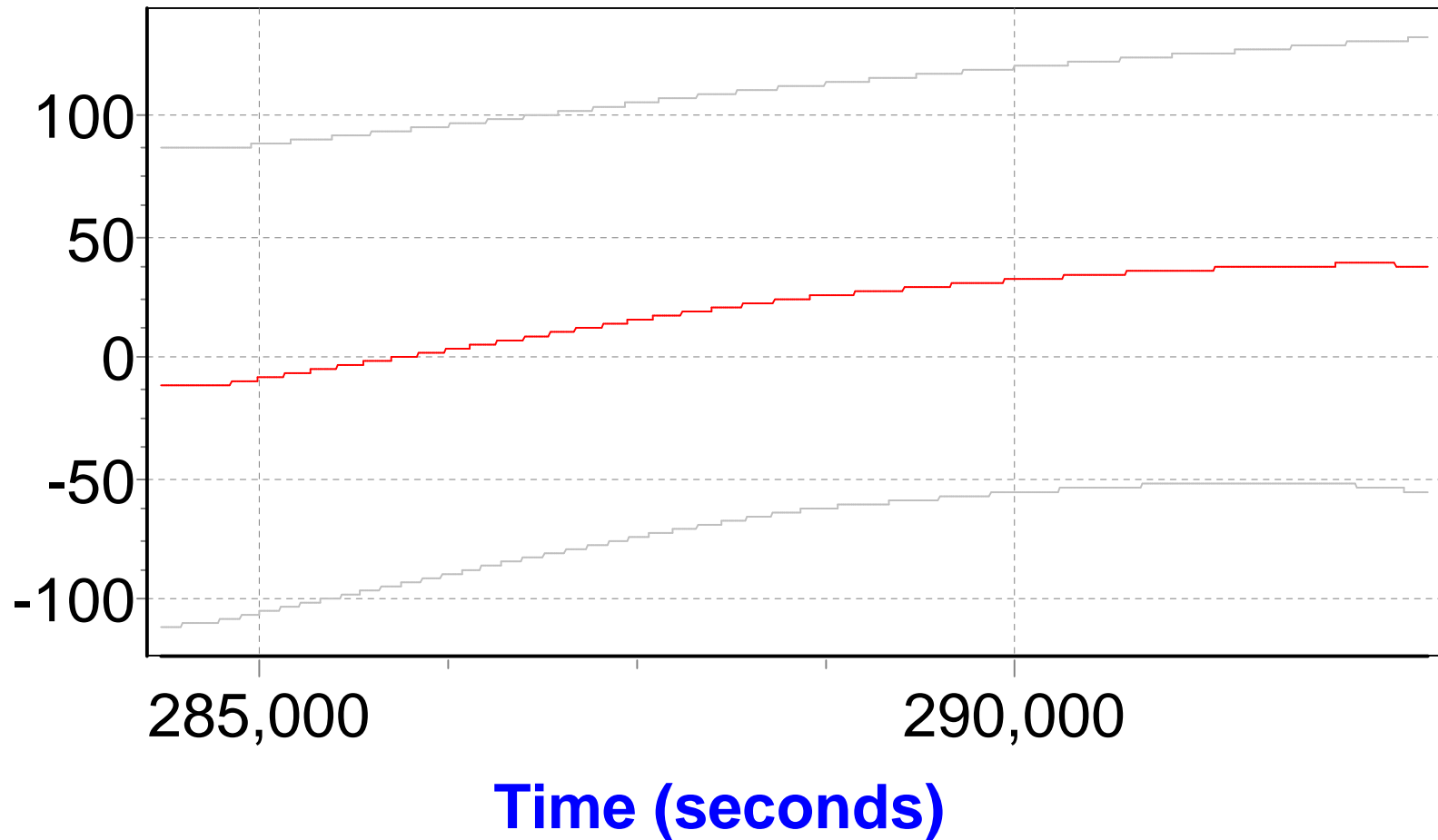
Z Gyro Bias (degrees/hour)



X Gyro Scale Factor Error (ppm)



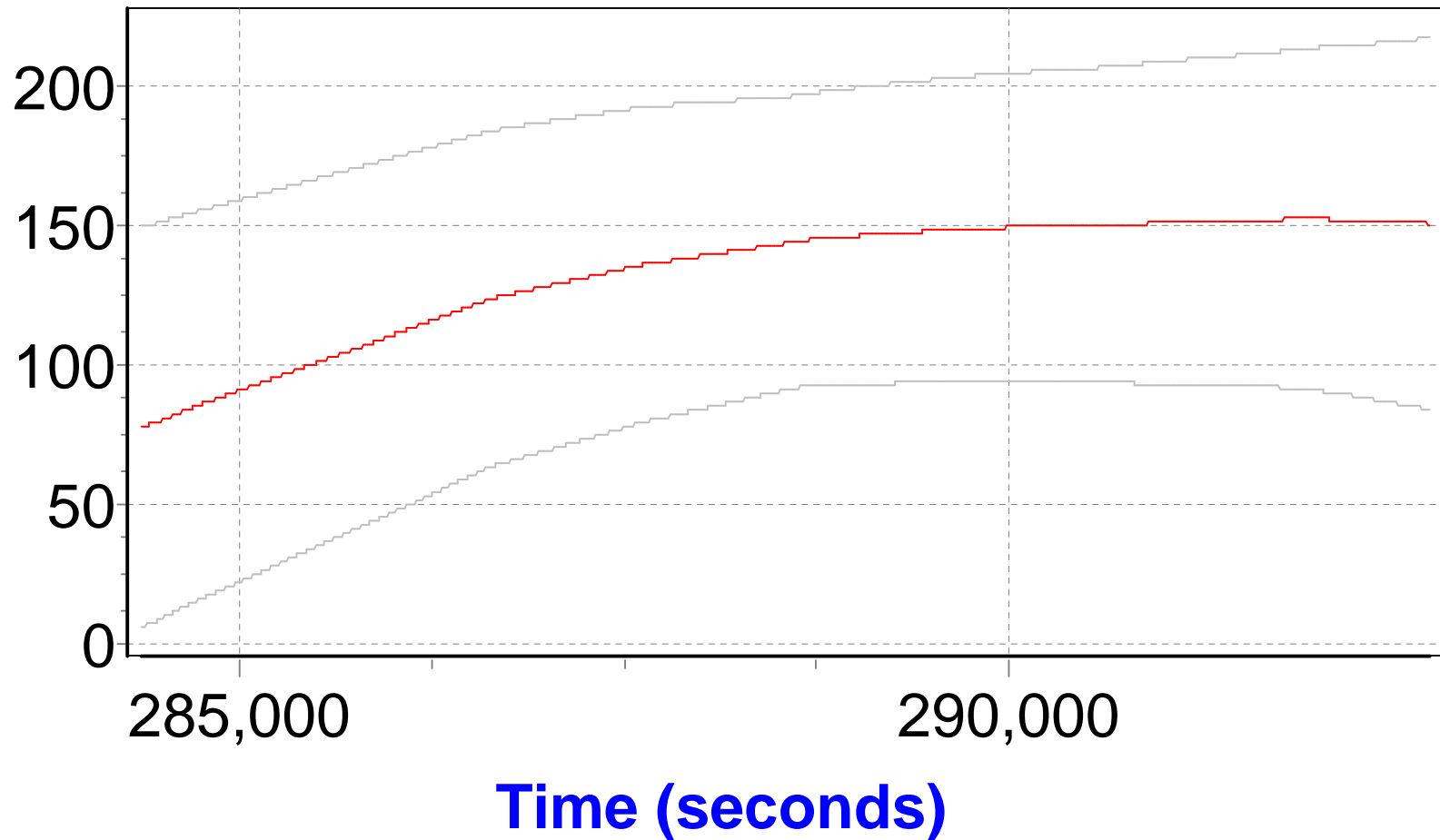
Y Gyro Scale Factor Error (ppm)



G:\o112094d\3_Processed\Extract\smers_o112094d.dat

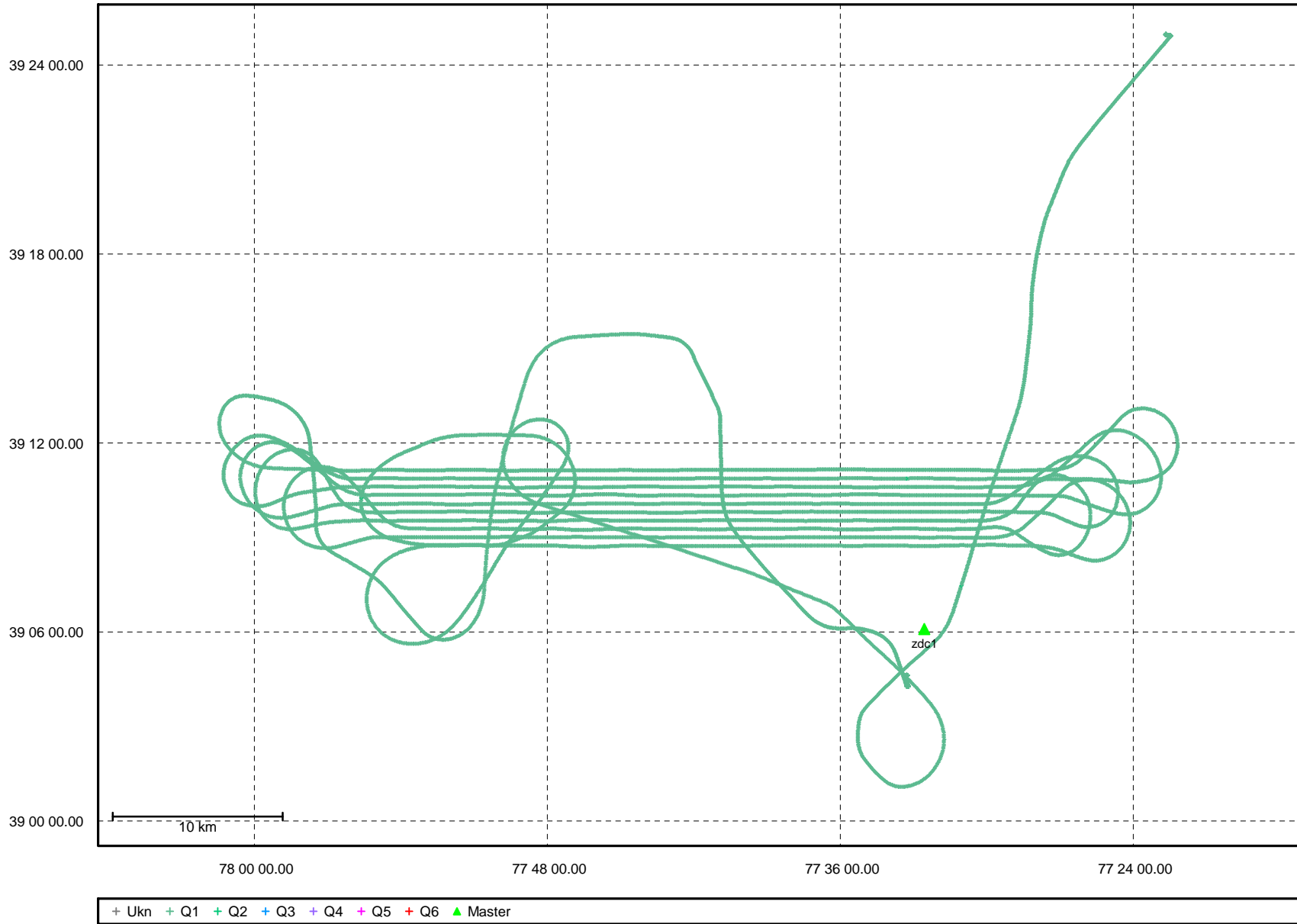
G:\o112094d\3_Processed\Extract\smrms_o112094d.dat

Z Gyro Scale Factor Error (ppm)

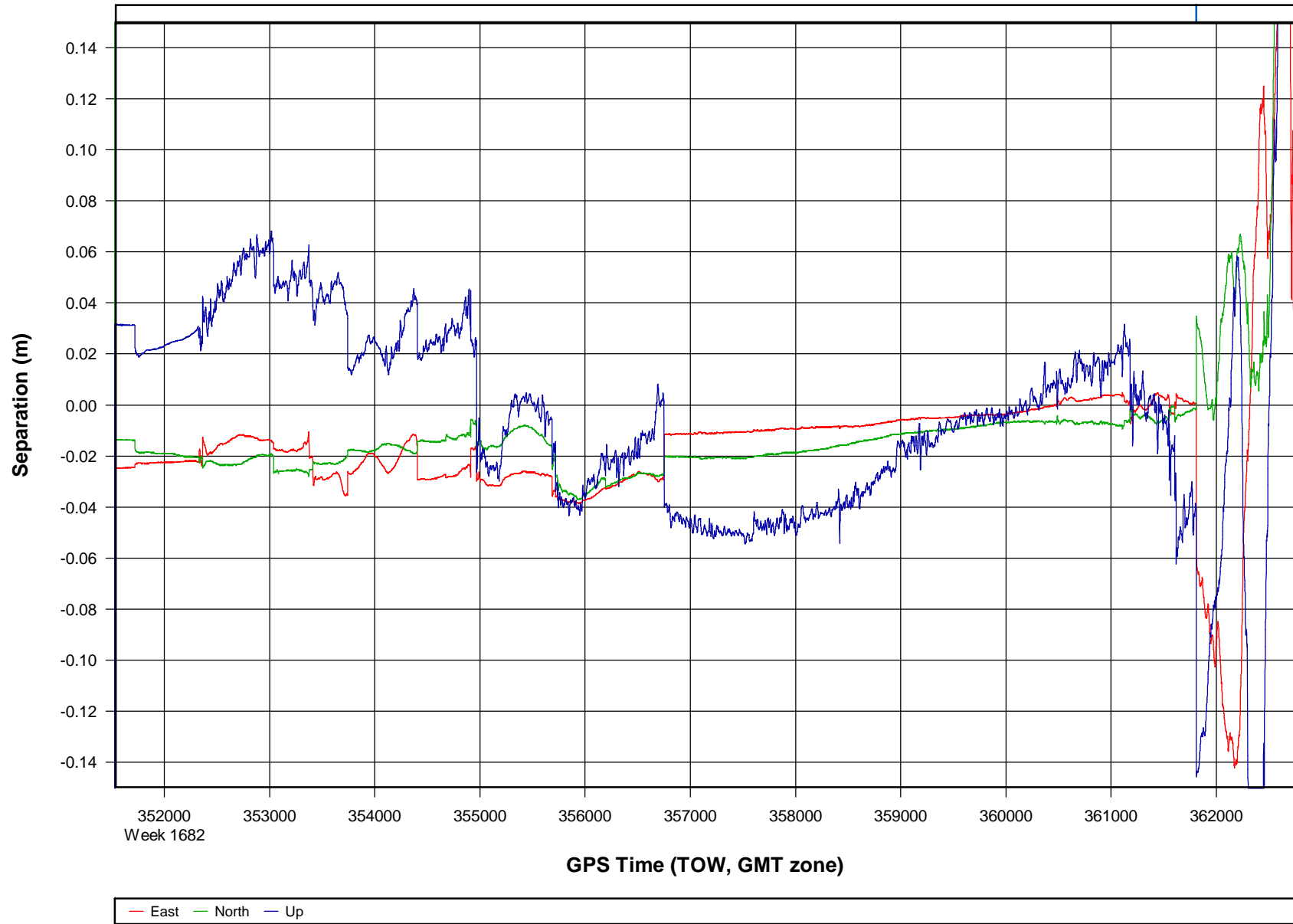


Combined - Map Run (3)

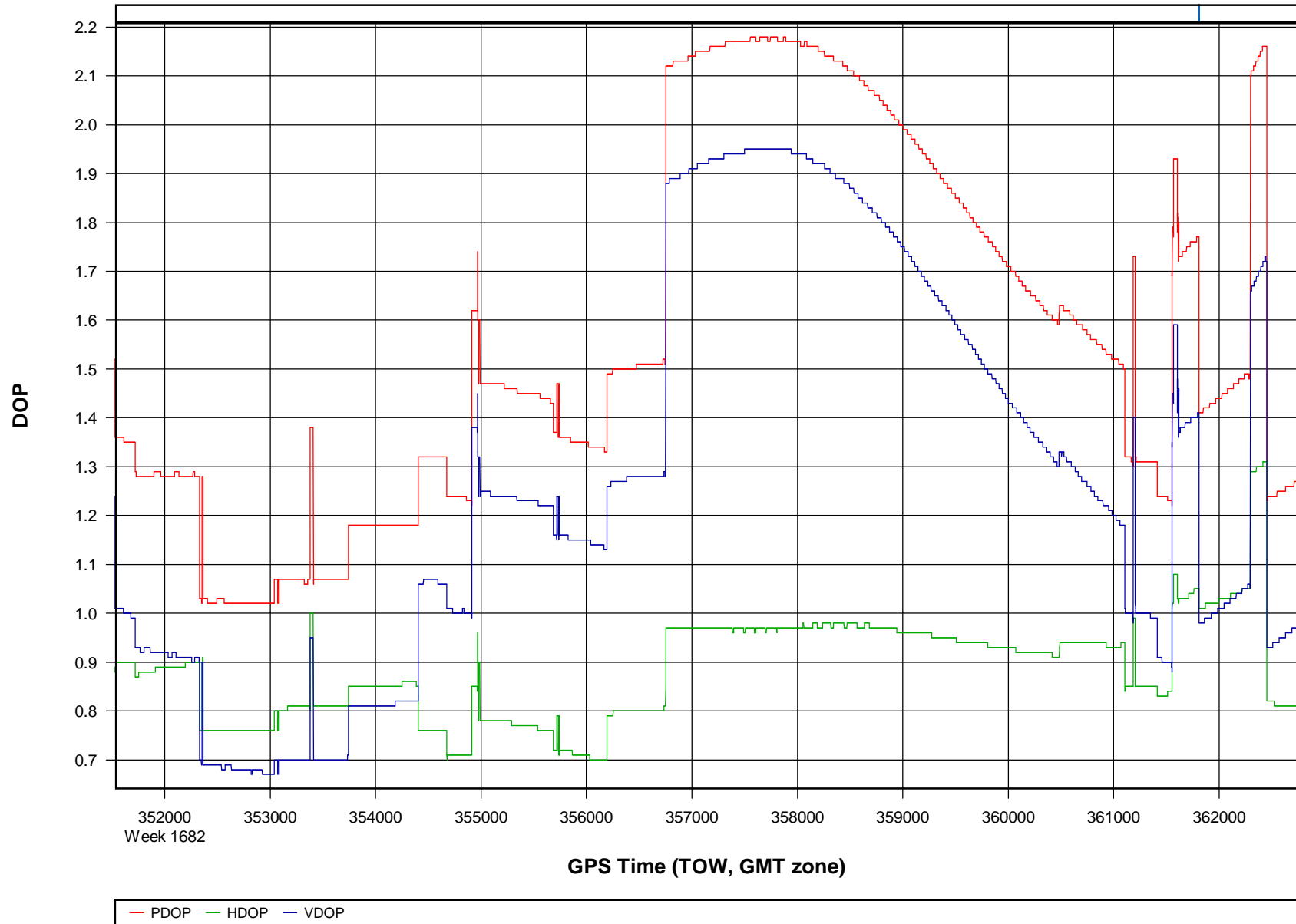
Geographic, DMS



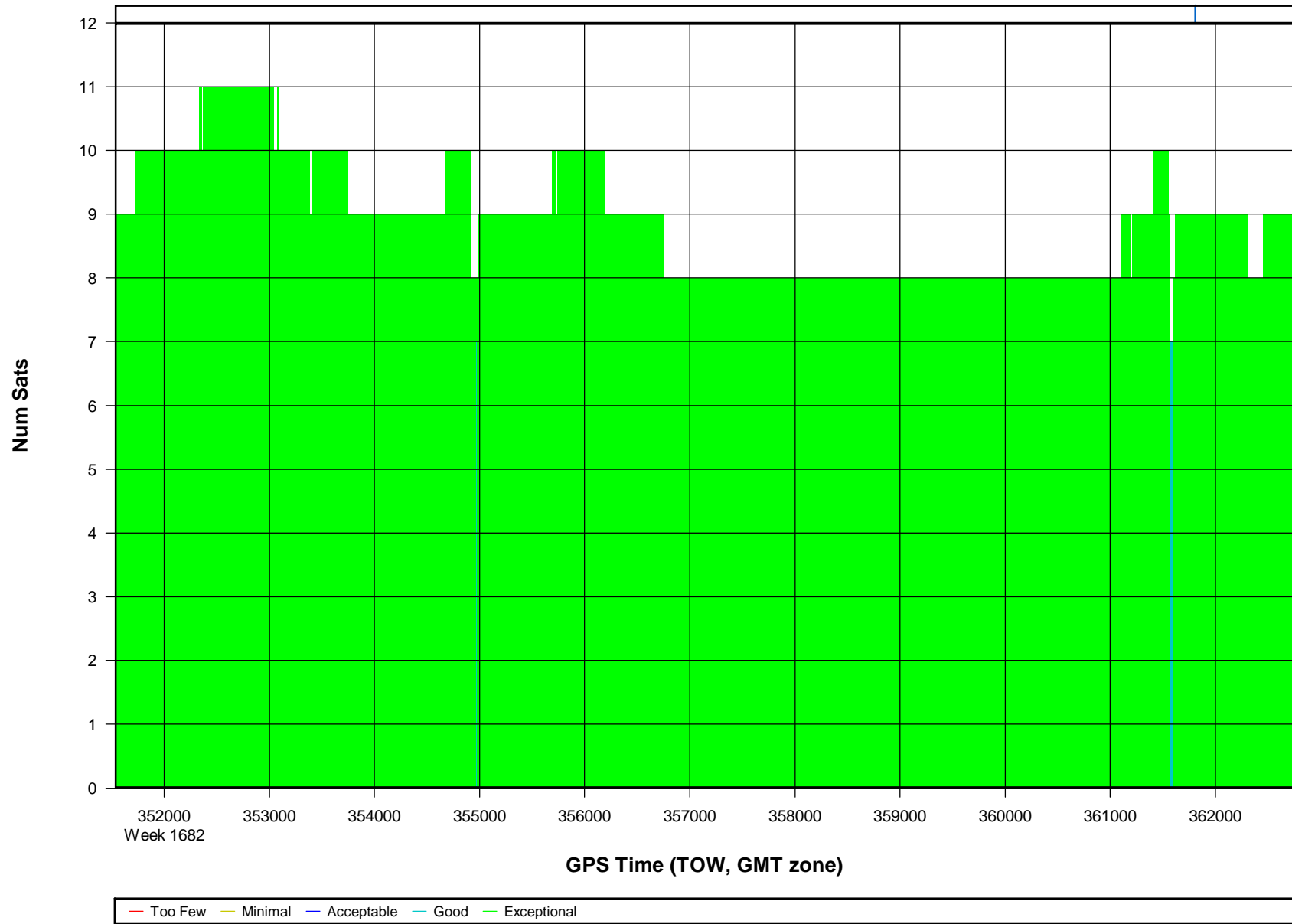
o112095a [Combined] - Forward/Reverse or Combined Separation Plot



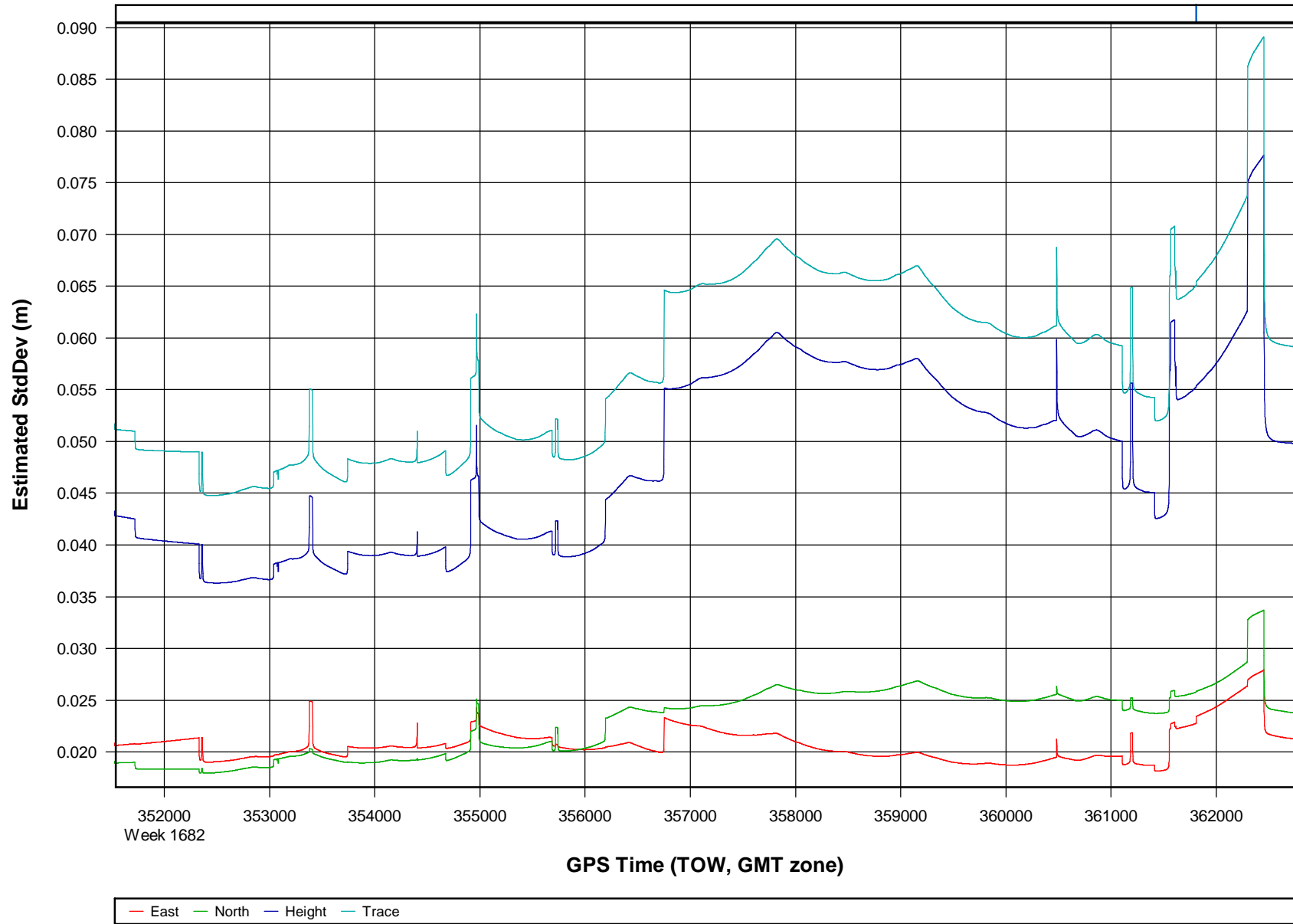
o112095a [Combined] - PDOP, HDOP, VDOP Plots



o112095a [Combined] - Number of Satellites Bar Plot



o112095a [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project: H:\o112095a\3_Processed\GPS\o112095a.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file: 112397
No processed position: 101169
Missing Fwd or Rev: 3
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:

L1 Phase: 0.0211 (m)
C/A Code: 1.45 (m)
L1 Doppler: 0.017 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.047 (m)
North: 0.049 (m)
Height: 0.099 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (10282 occurrences):

East: 0.019 (m)
North: 0.018 (m)
Height: 0.032 (m)

Quality Number Percentages:

Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:

0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

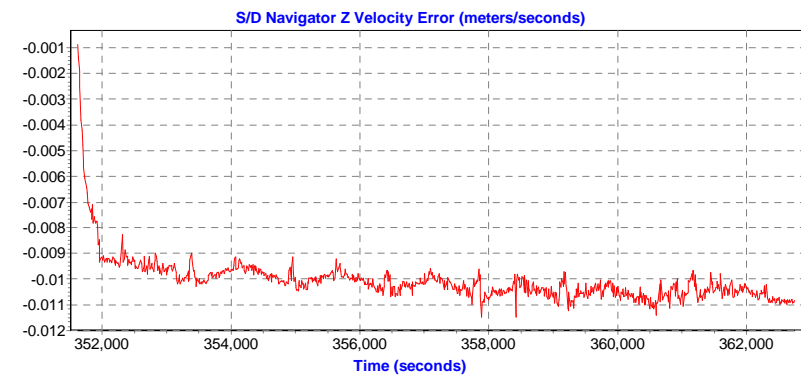
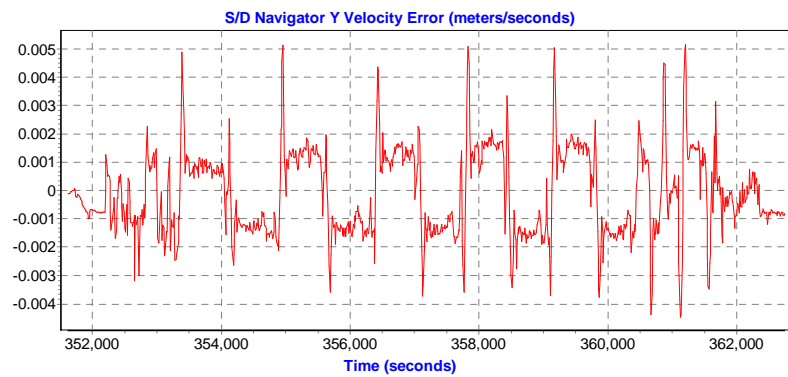
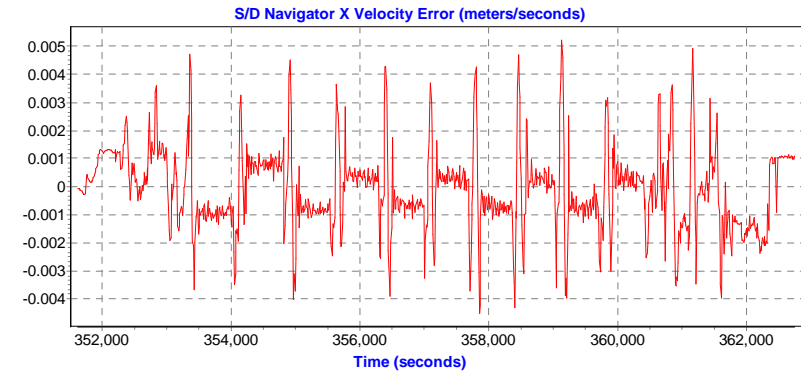
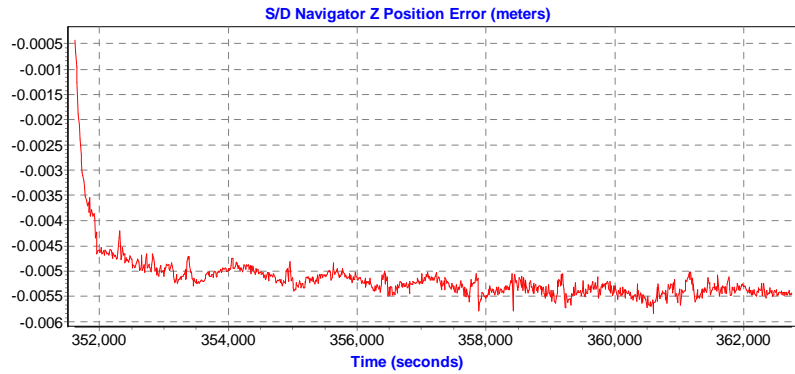
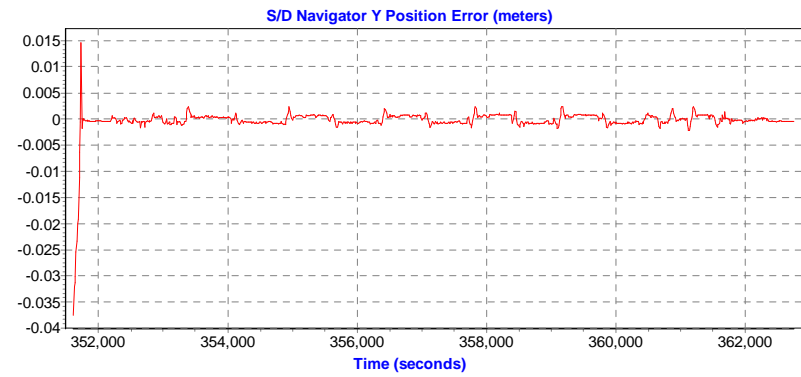
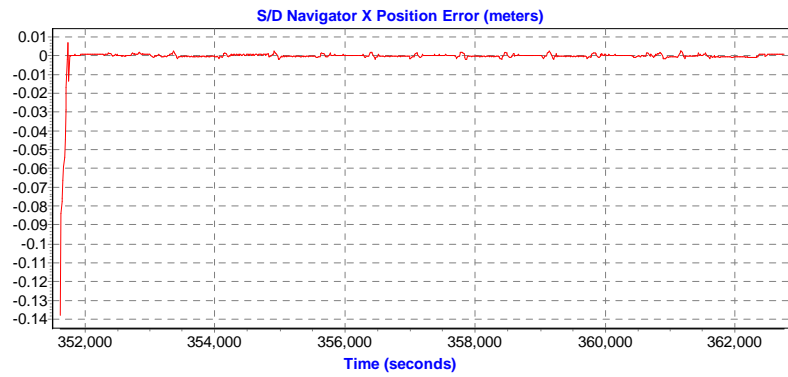
Percentages of epochs with DD_DOP over 10.00:

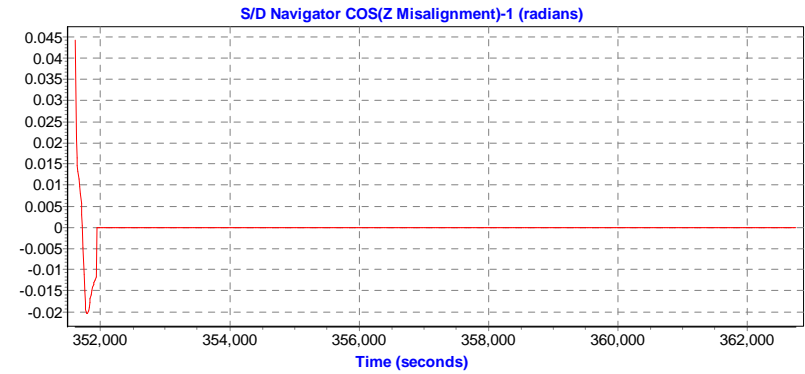
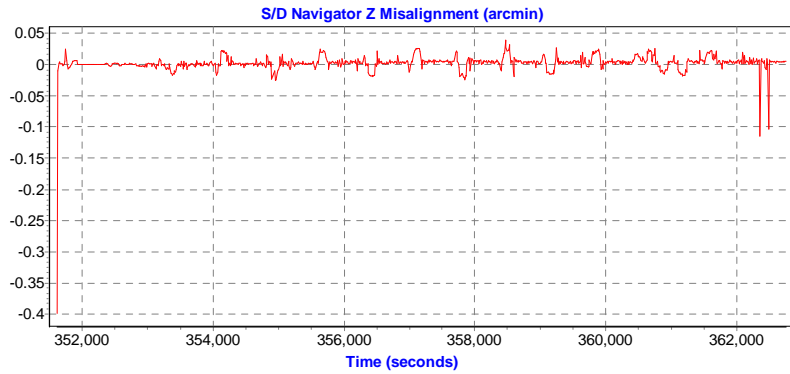
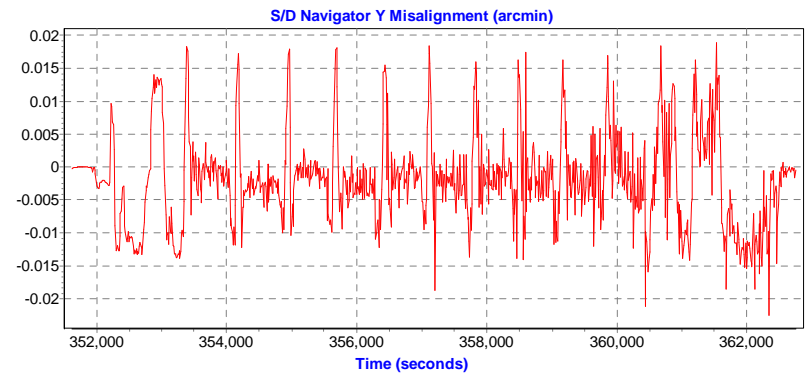
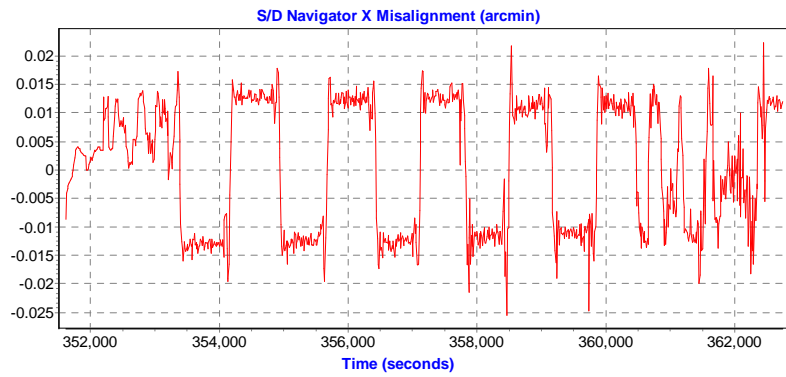
DOP over Tol: 0.0 %

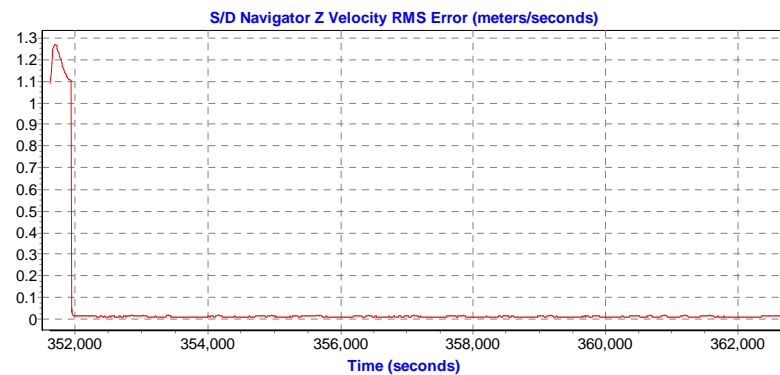
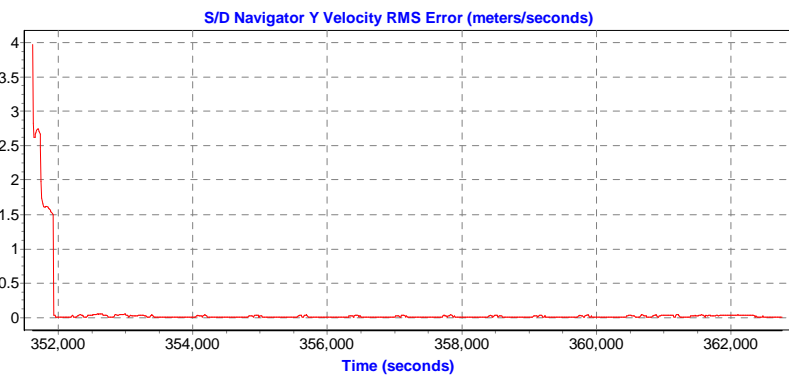
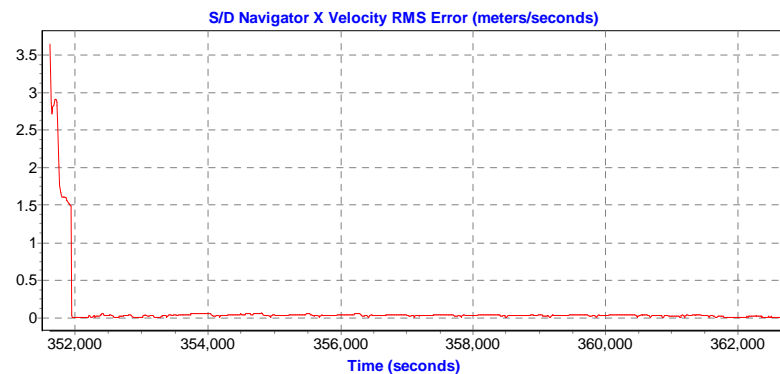
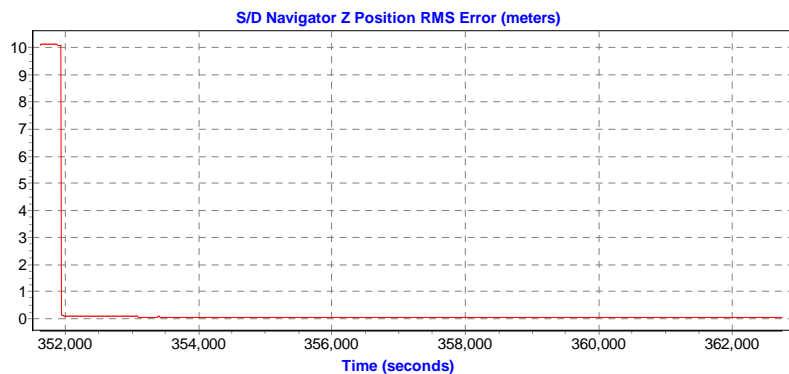
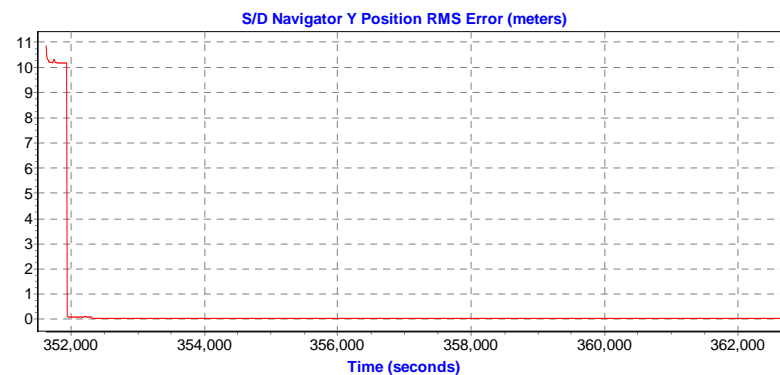
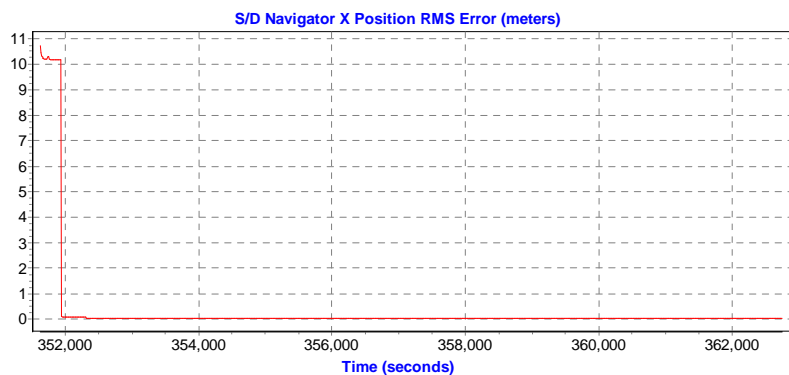
Baseline Distances:

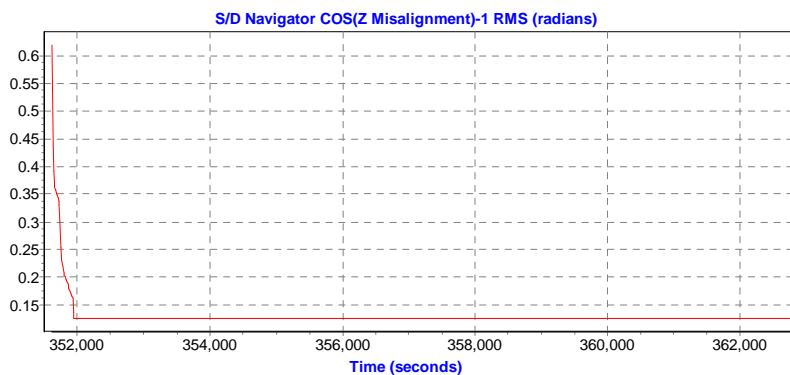
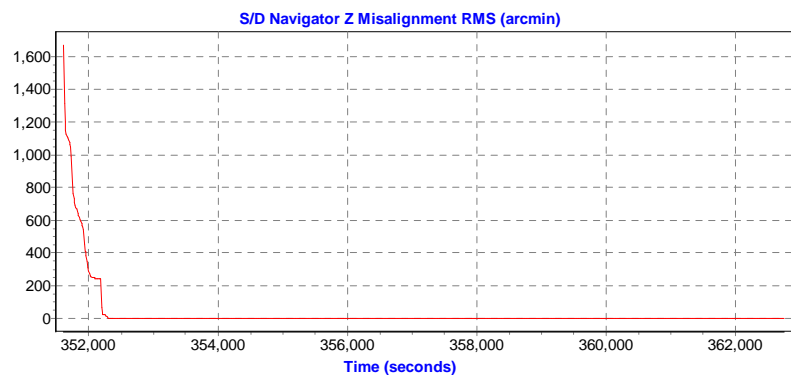
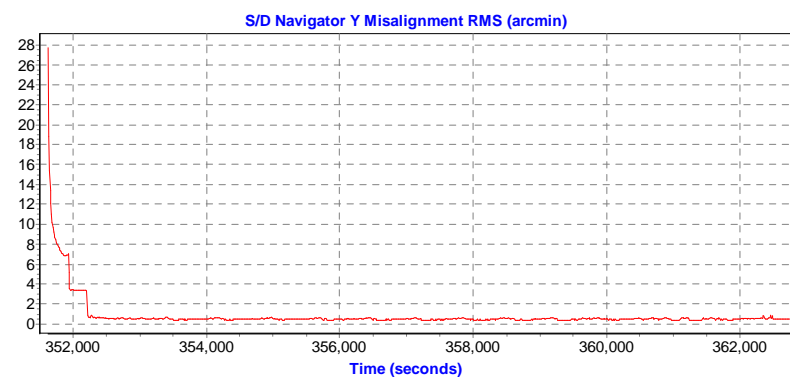
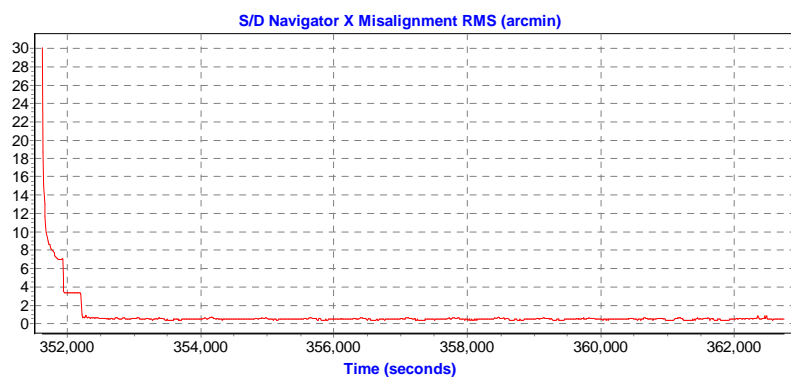
Maximum: 43.410 (km)
Minimum: 1.378 (km)
Average: 19.478 (km)
First Epoch: 2.911 (km)
Last Epoch: 37.759 (km)

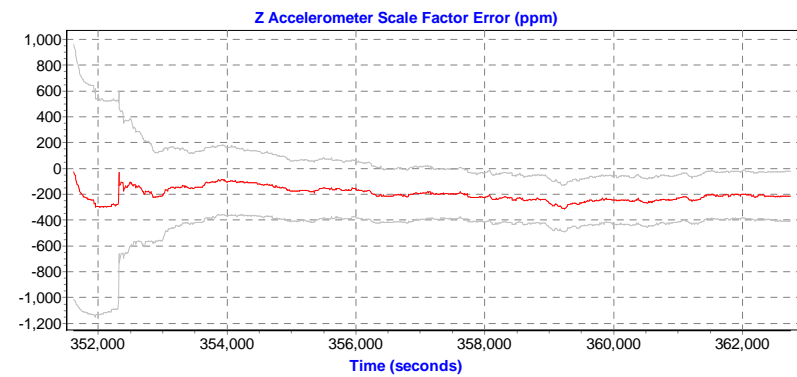
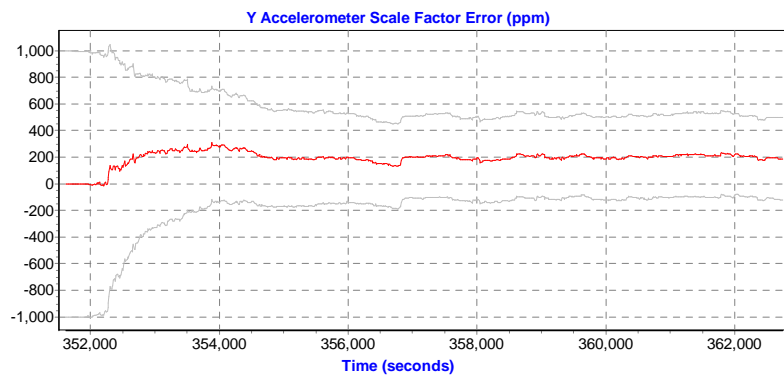
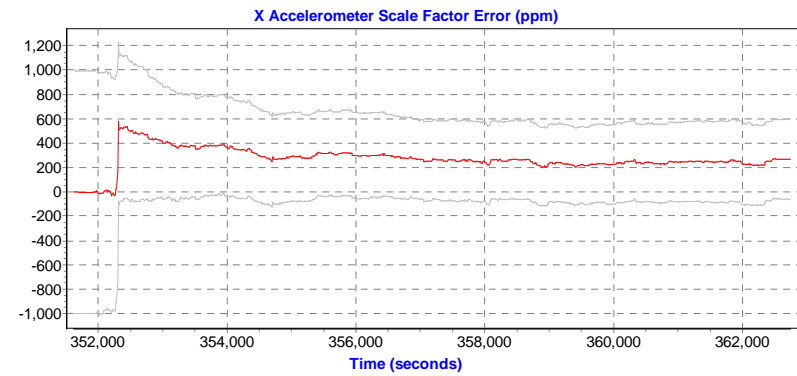
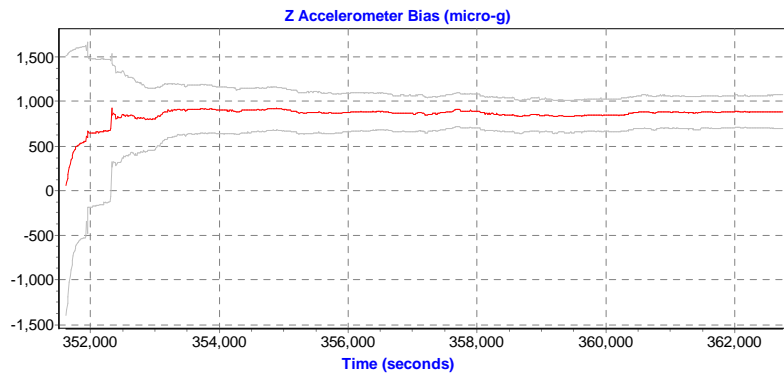
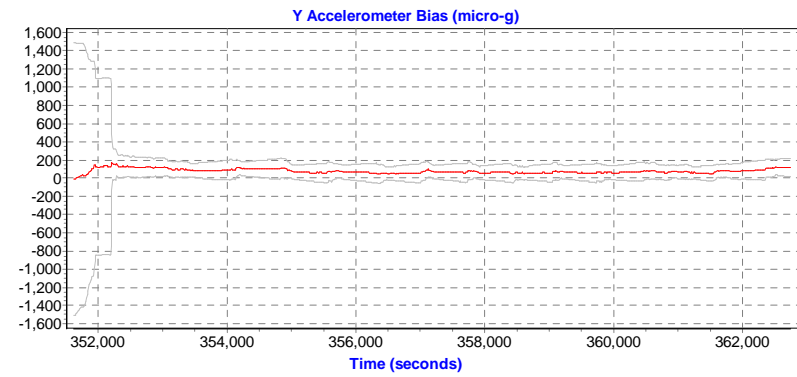
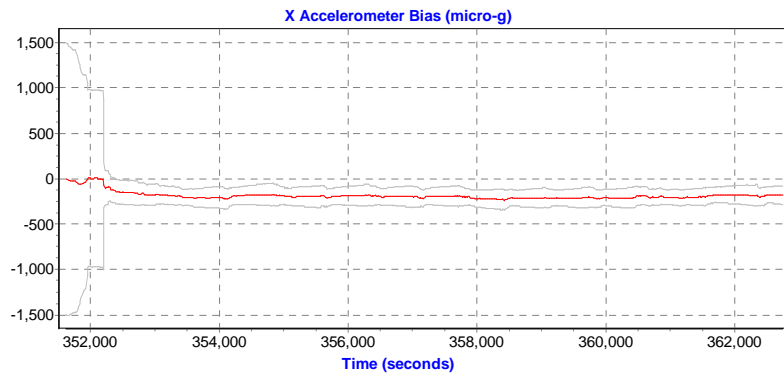
Estimated Errors and RMS

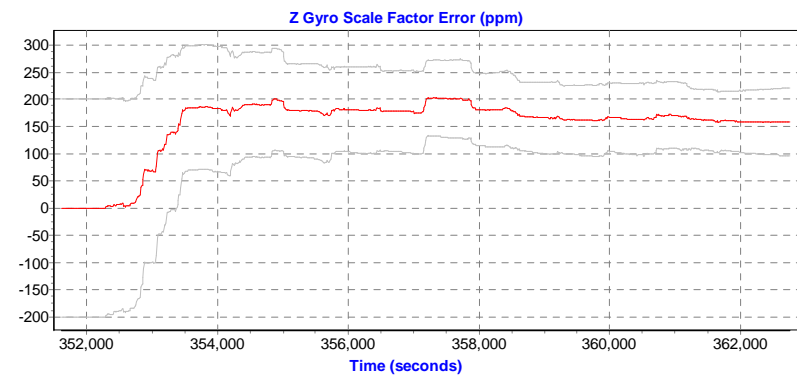
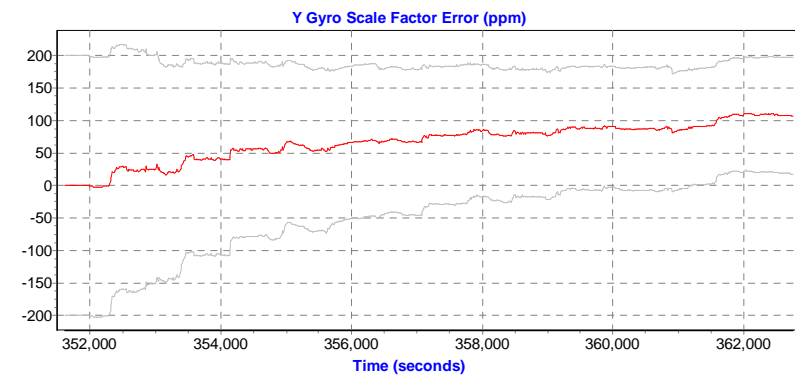
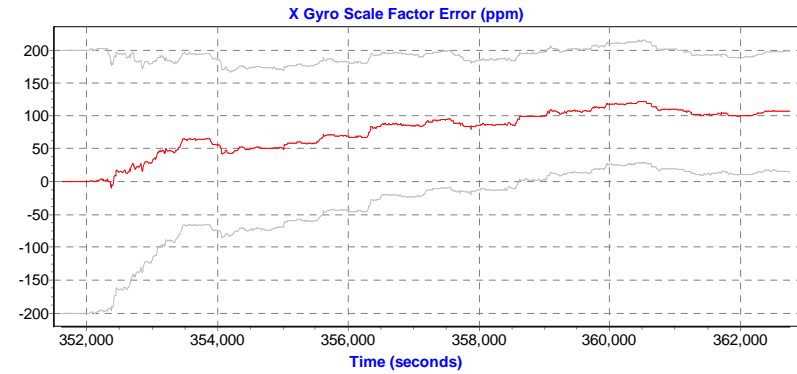
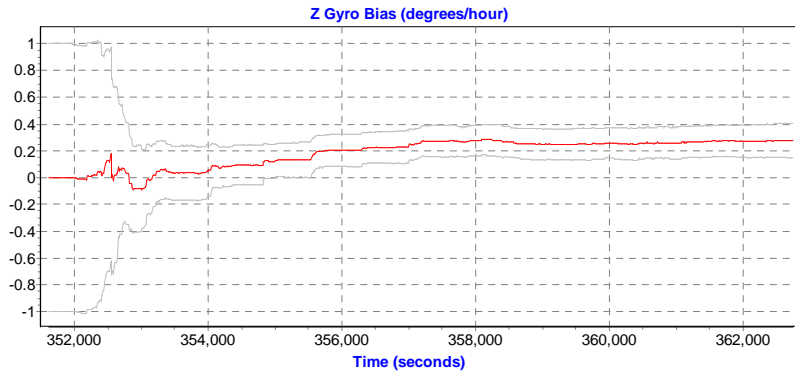
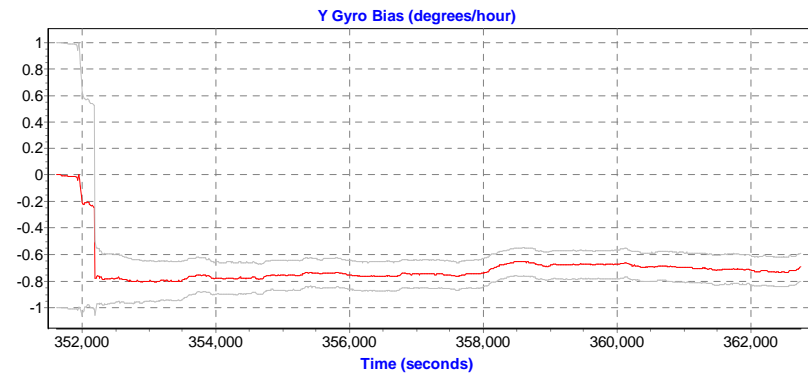
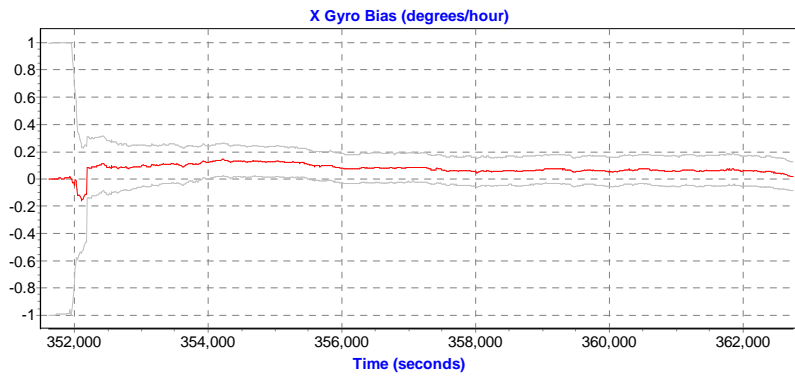


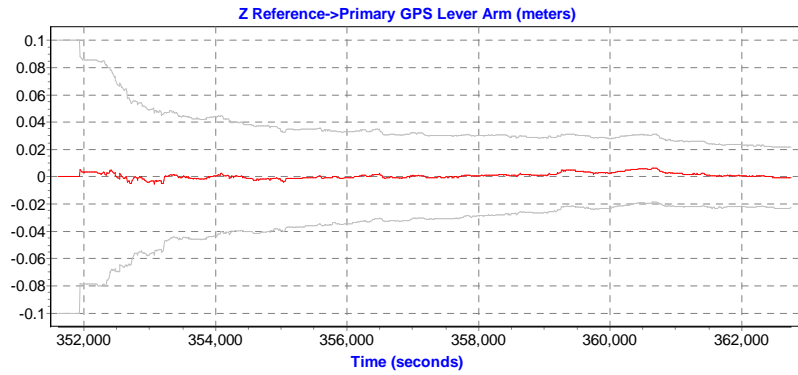
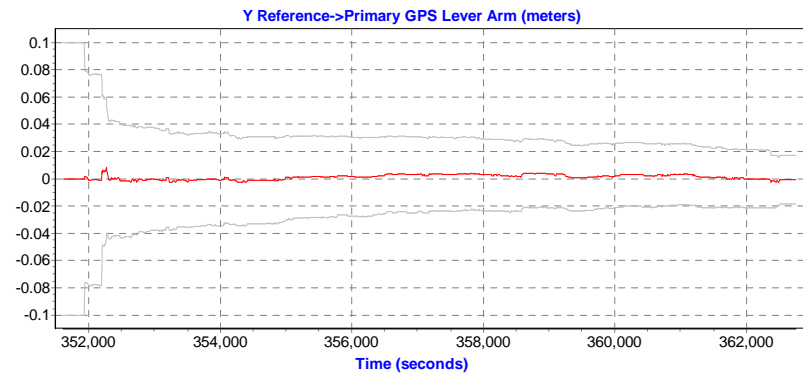
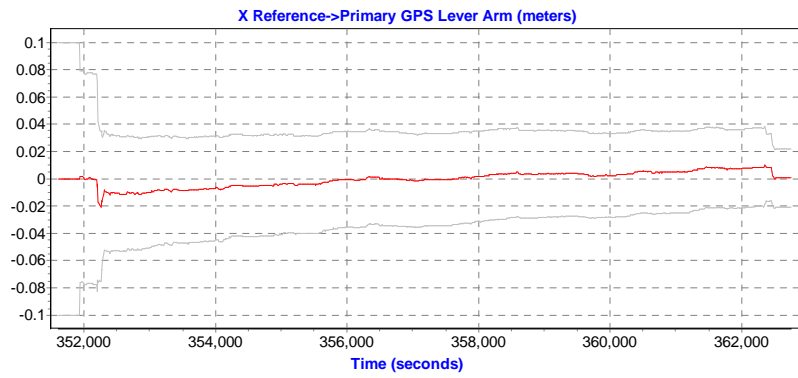






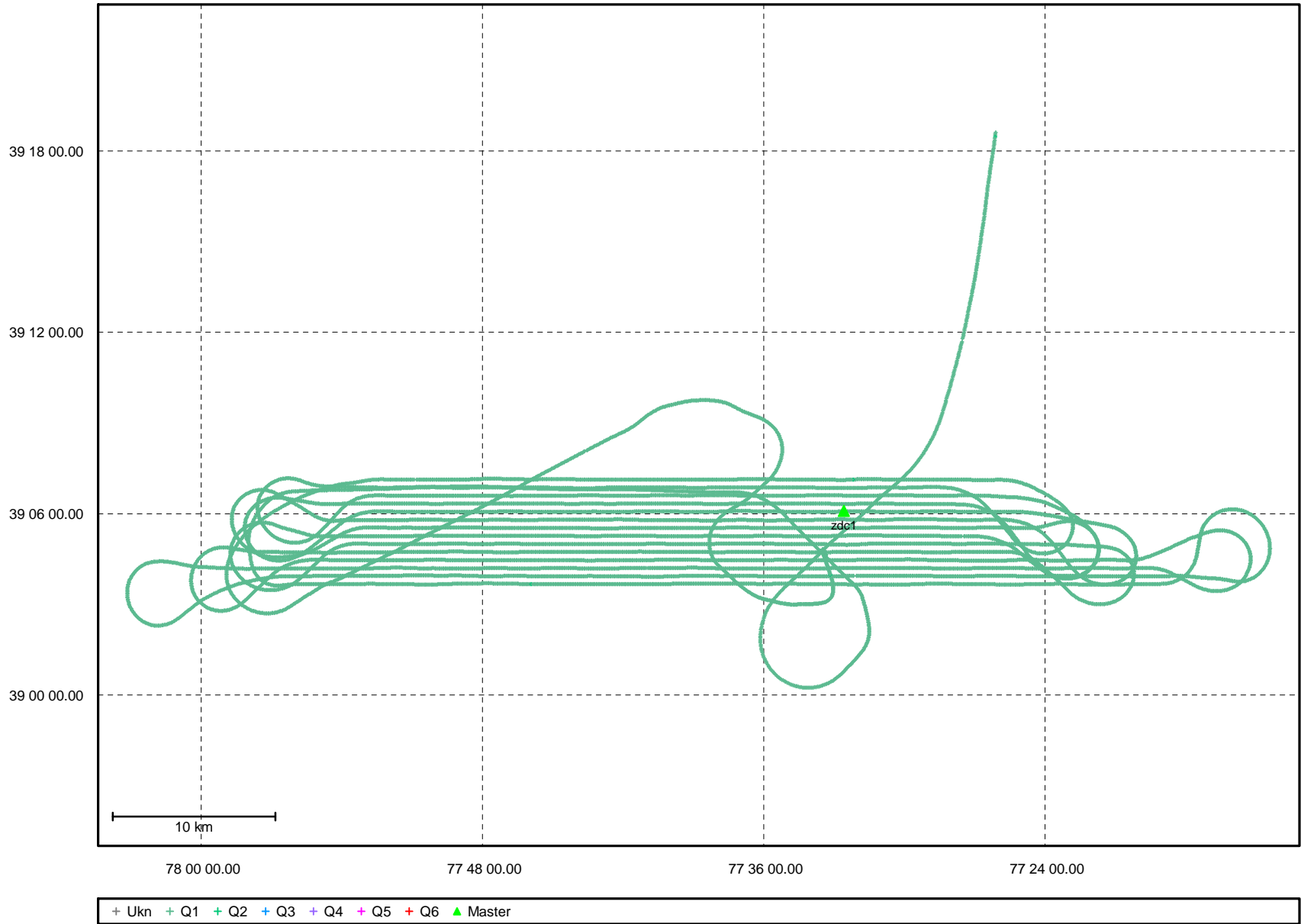




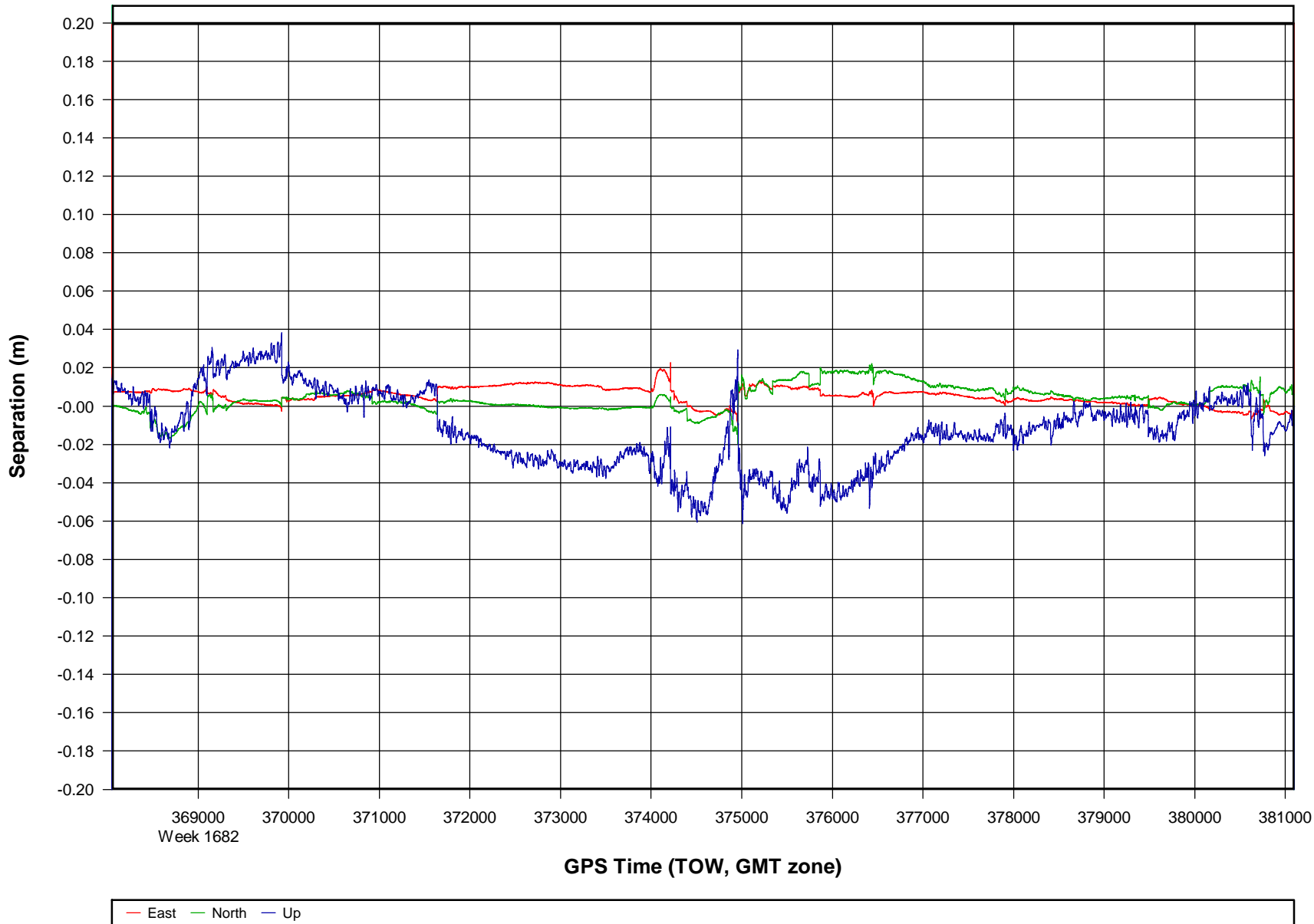


Combined - Map Run (3)

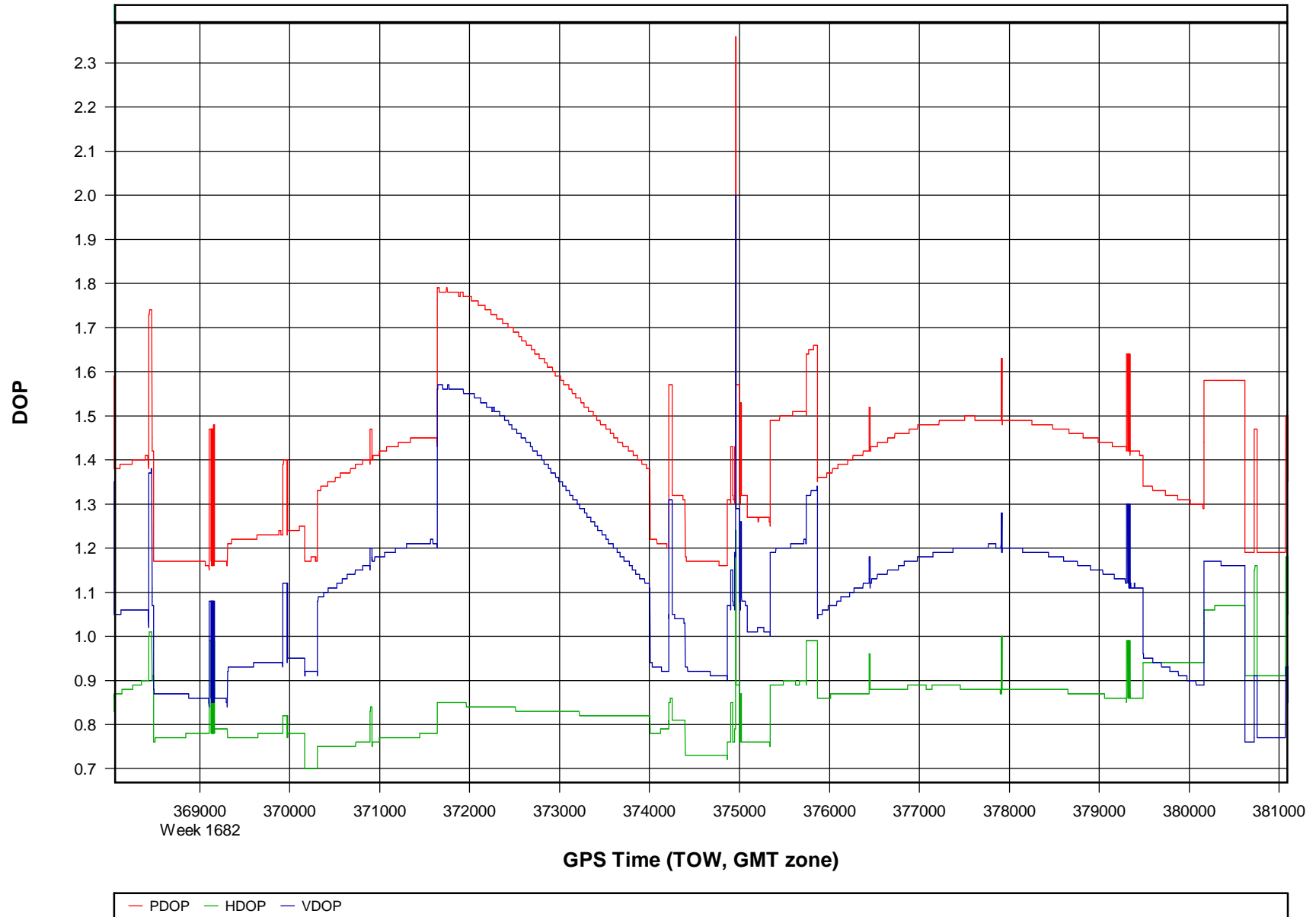
Geographic, DMS



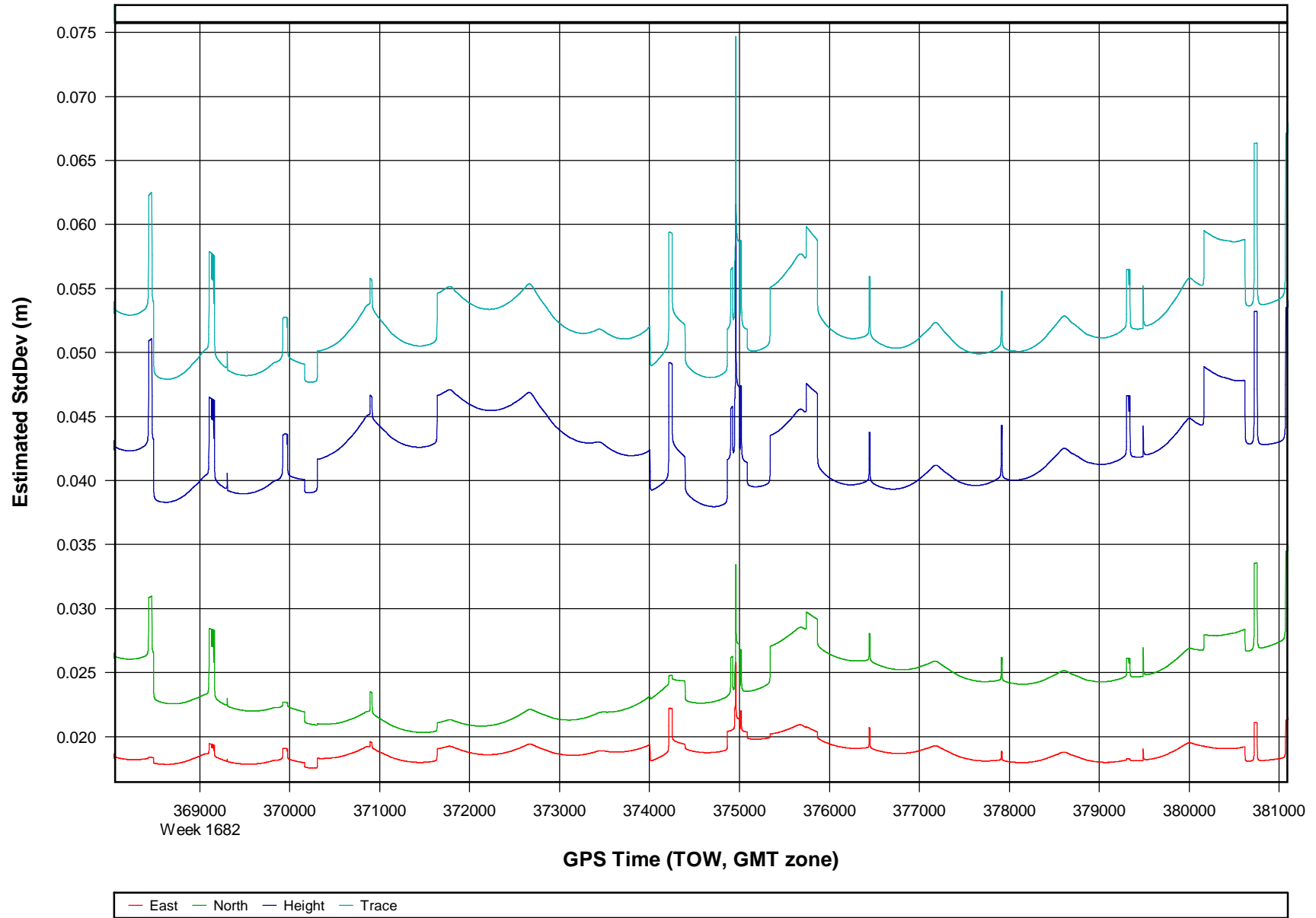
o112095b [Combined] - Forward/Reverse or Combined Separation Plot



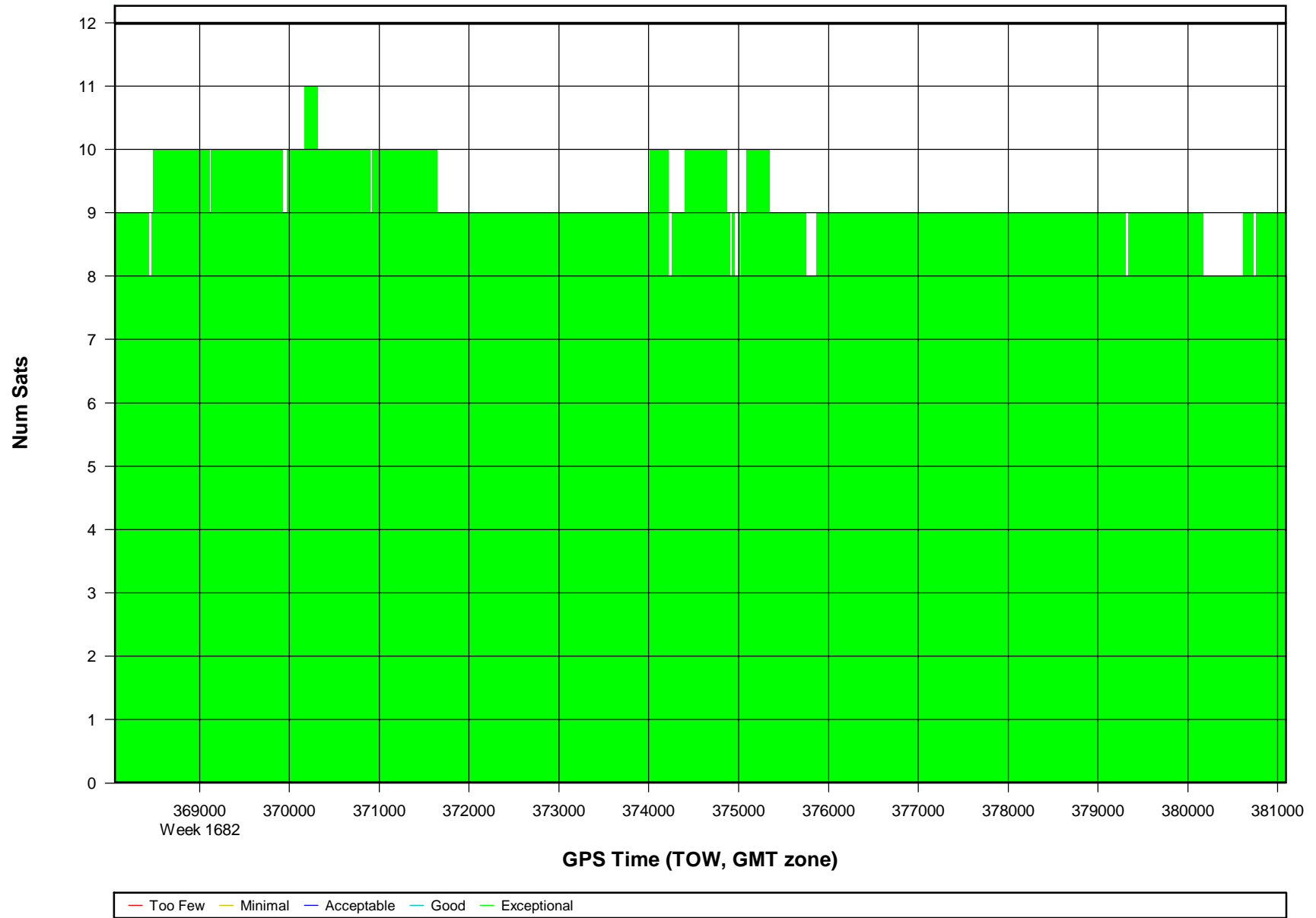
o112095b [Combined] - PDOP, HDOP, VDOP Plots



o112095b [Combined] - Estimated Position Accuracy Plot



o112095b [Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: POSGNSS
Version: 4.40.2710
Project: G:\o112095b\3_Processed\GPS\o112095b.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file: 140937
No processed position: 127889
Missing Fwd or Rev: 4
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:

L1 Phase: 0.0192 (m)
C/A Code: 1.41 (m)
L1 Doppler: 0.015 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.012 (m)
North: 0.015 (m)
Height: 0.034 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (13042 occurrences):

East: 0.007 (m)
North: 0.008 (m)
Height: 0.023 (m)

Quality Number Percentages:

Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:

0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

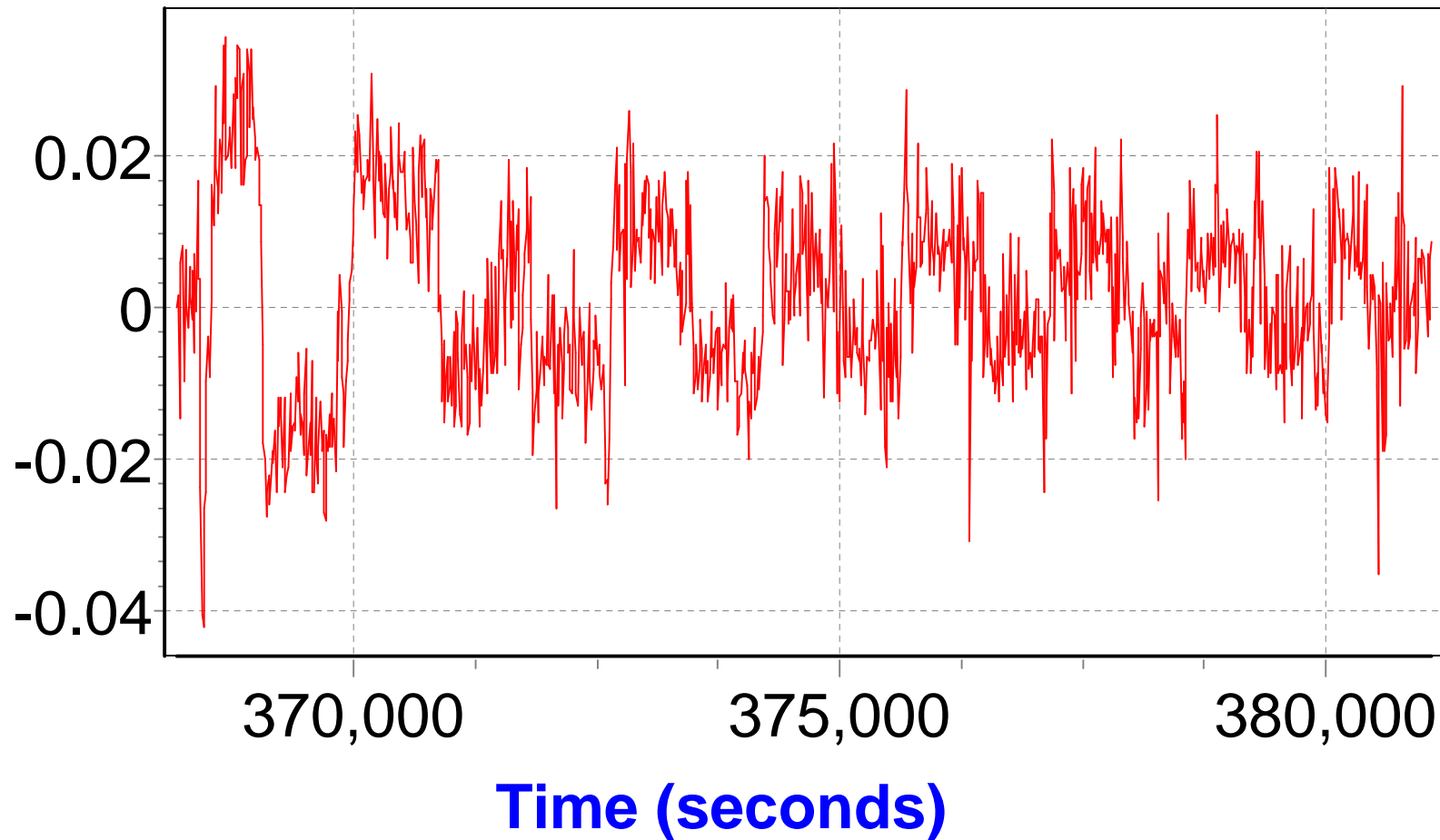
Percentages of epochs with DD_DOP over 10.00:

DOP over Tol: 0.0 %

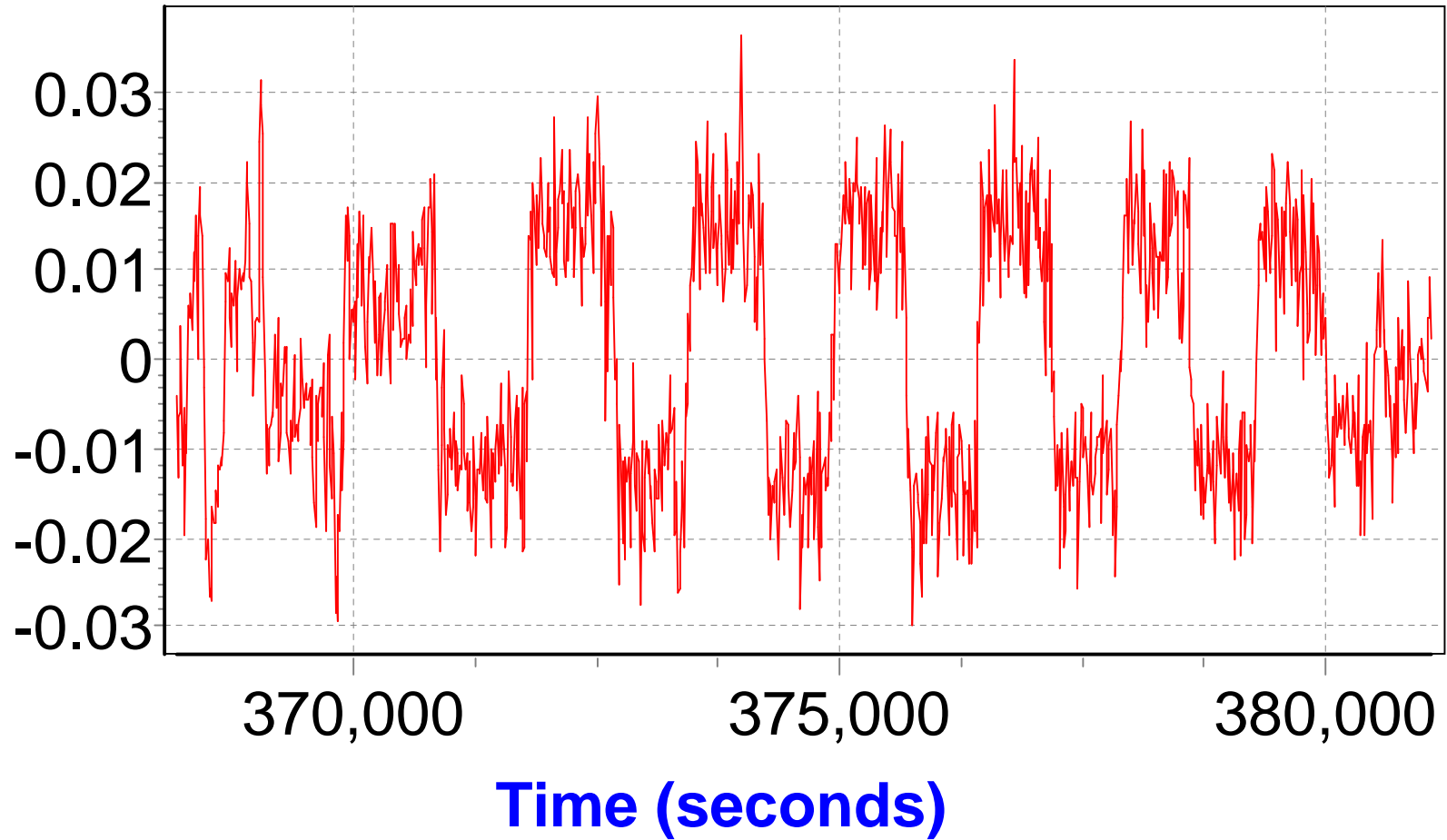
Baseline Distances:

Maximum: 44.425 (km)
Minimum: 0.975 (km)
Average: 16.630 (km)
First Epoch: 24.990 (km)
Last Epoch: 2.941 (km)

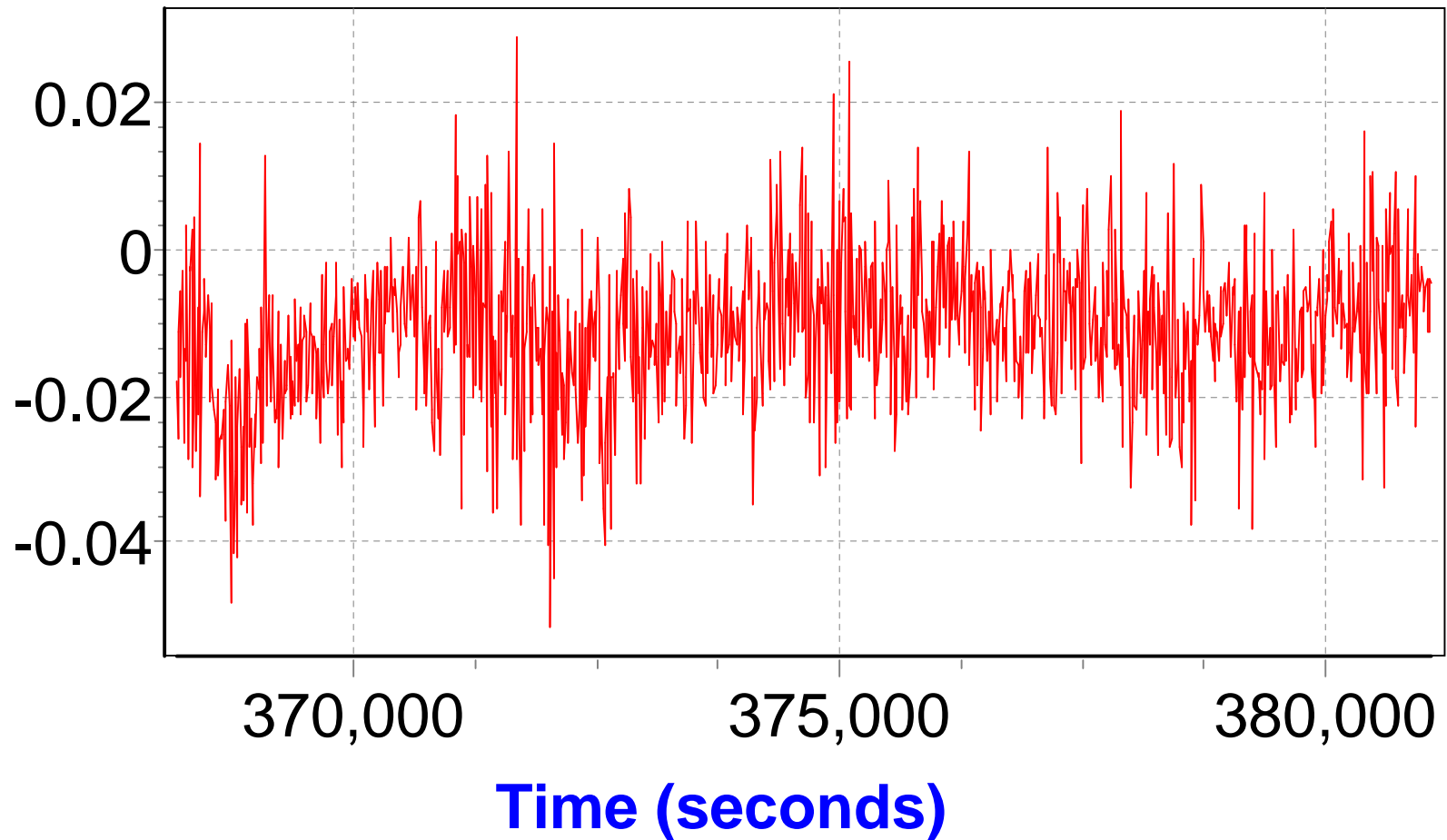
S/D Navigator X Position Error (meters)



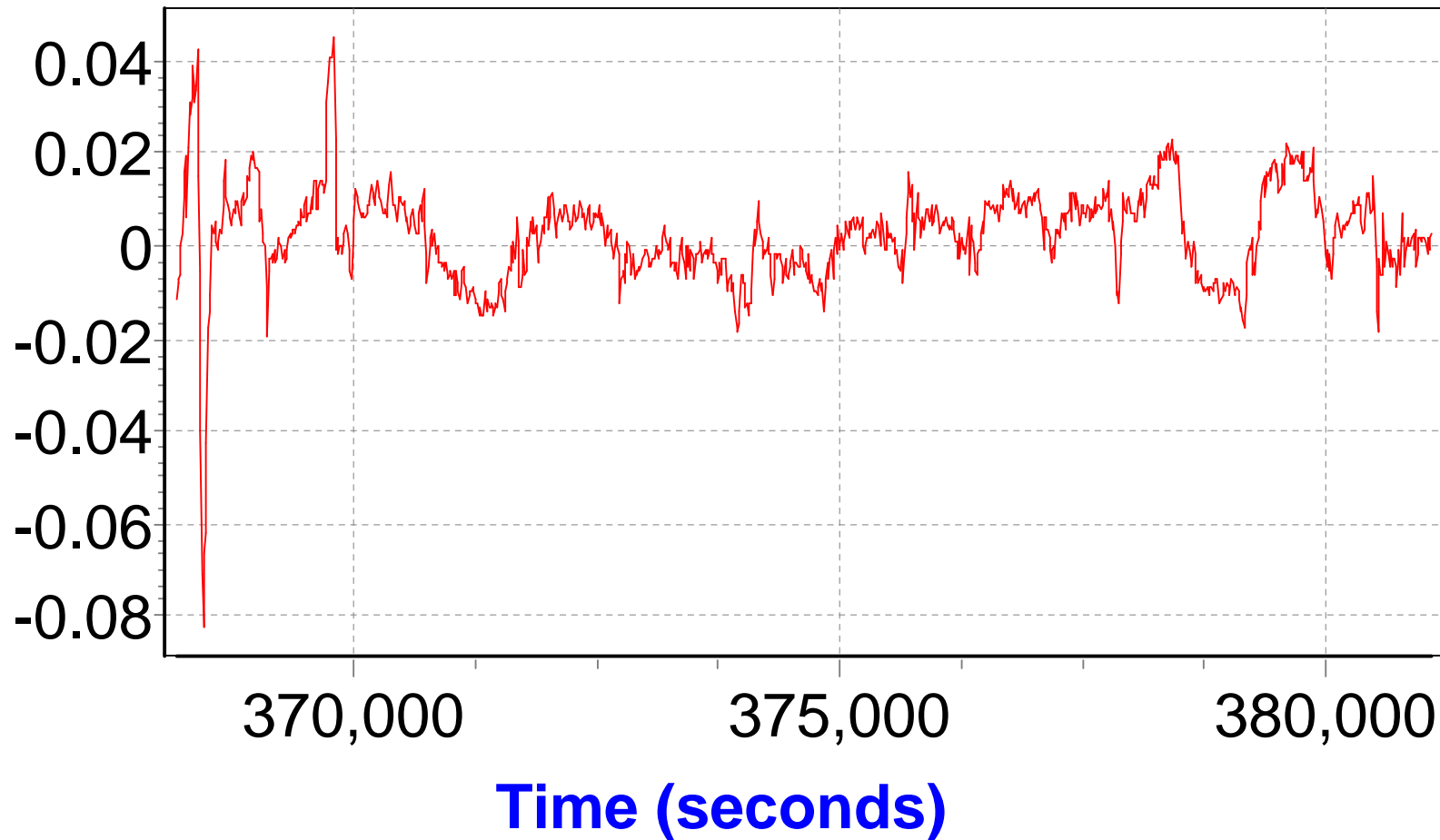
S/D Navigator Y Position Error (meters)



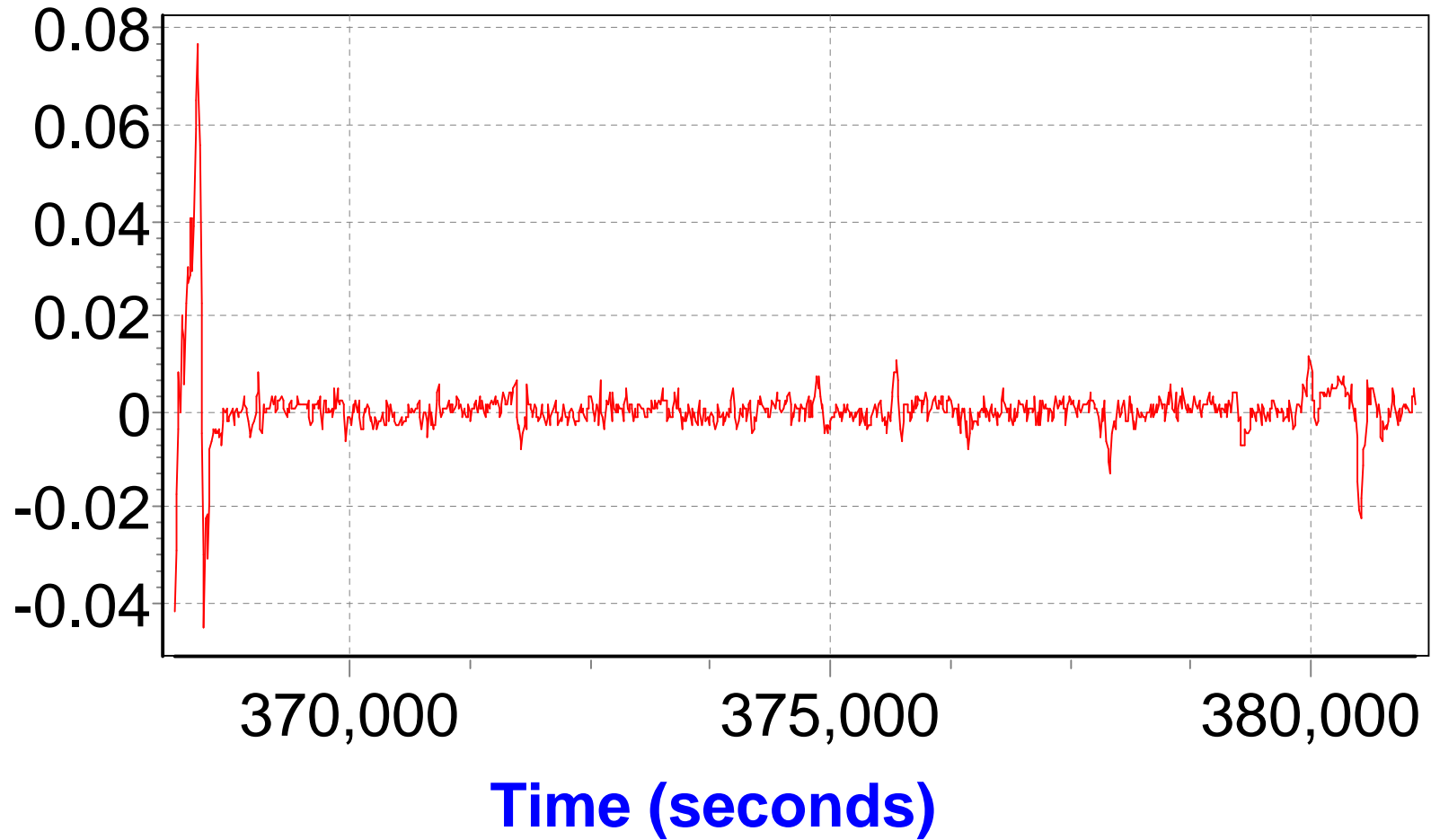
S/D Navigator Z Position Error (meters)



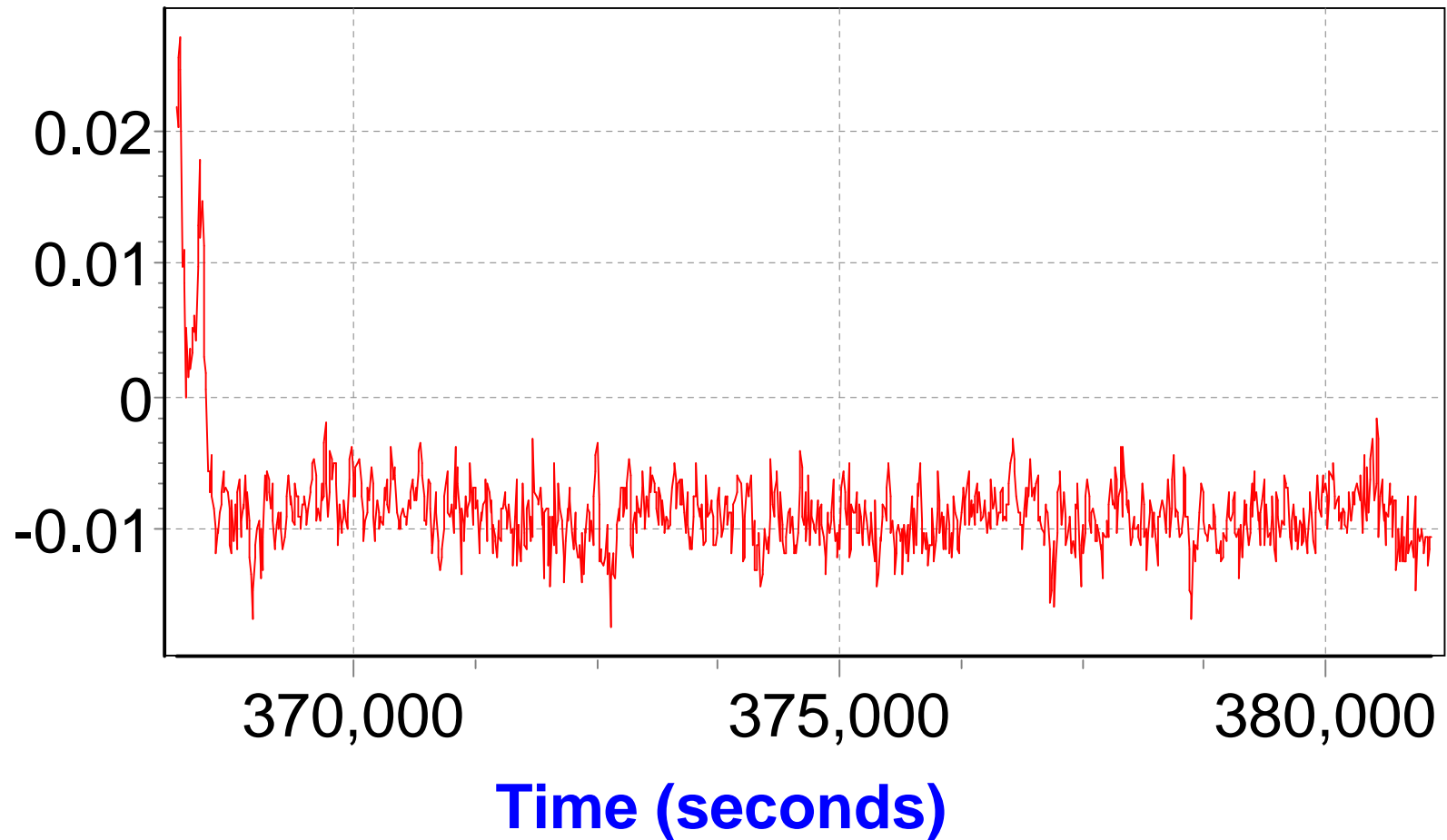
S/D Navigator X Velocity Error (meters/seconds)



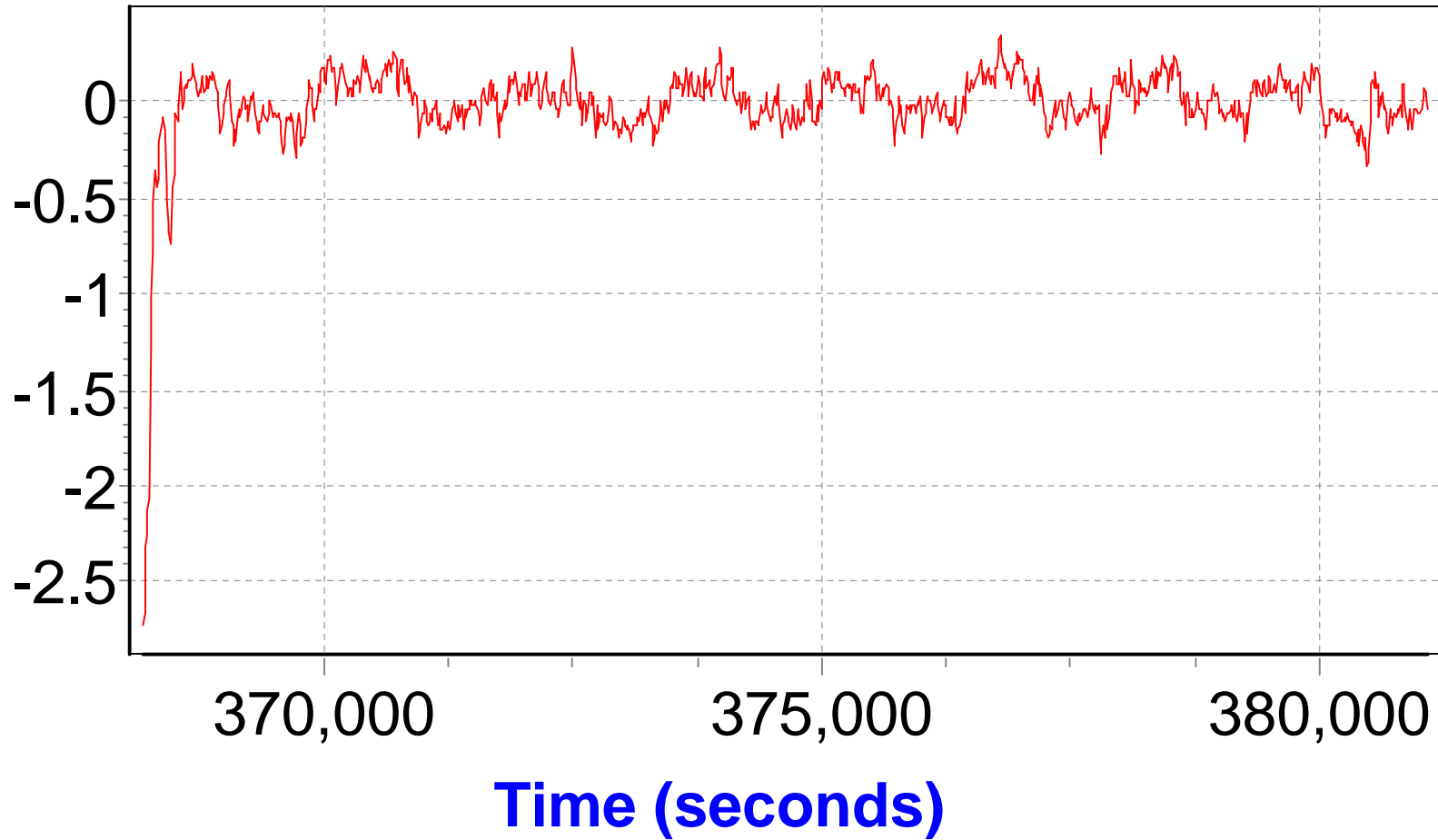
S/D Navigator Y Velocity Error (meters/seconds)



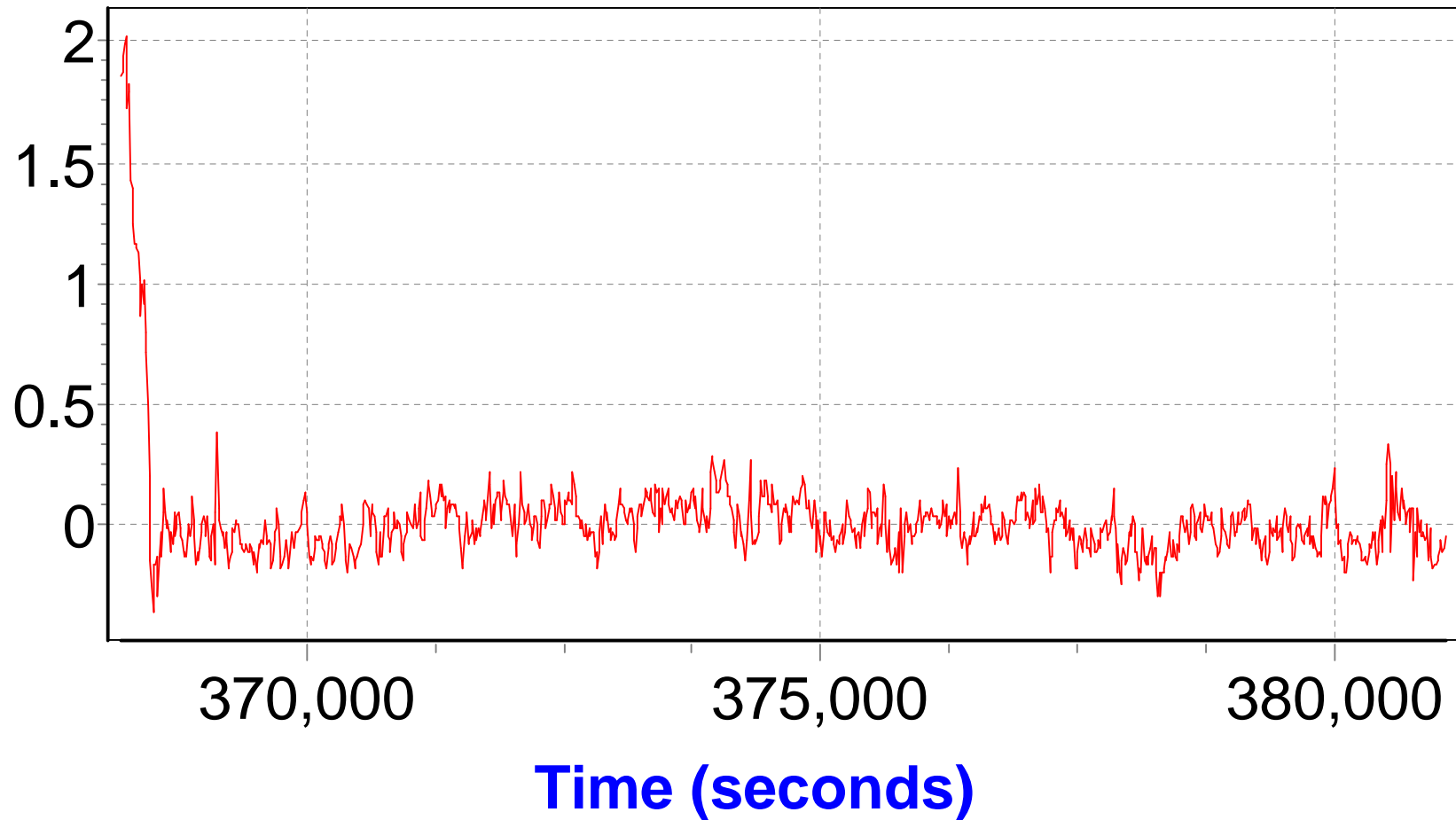
S/D Navigator Z Velocity Error (meters/seconds)



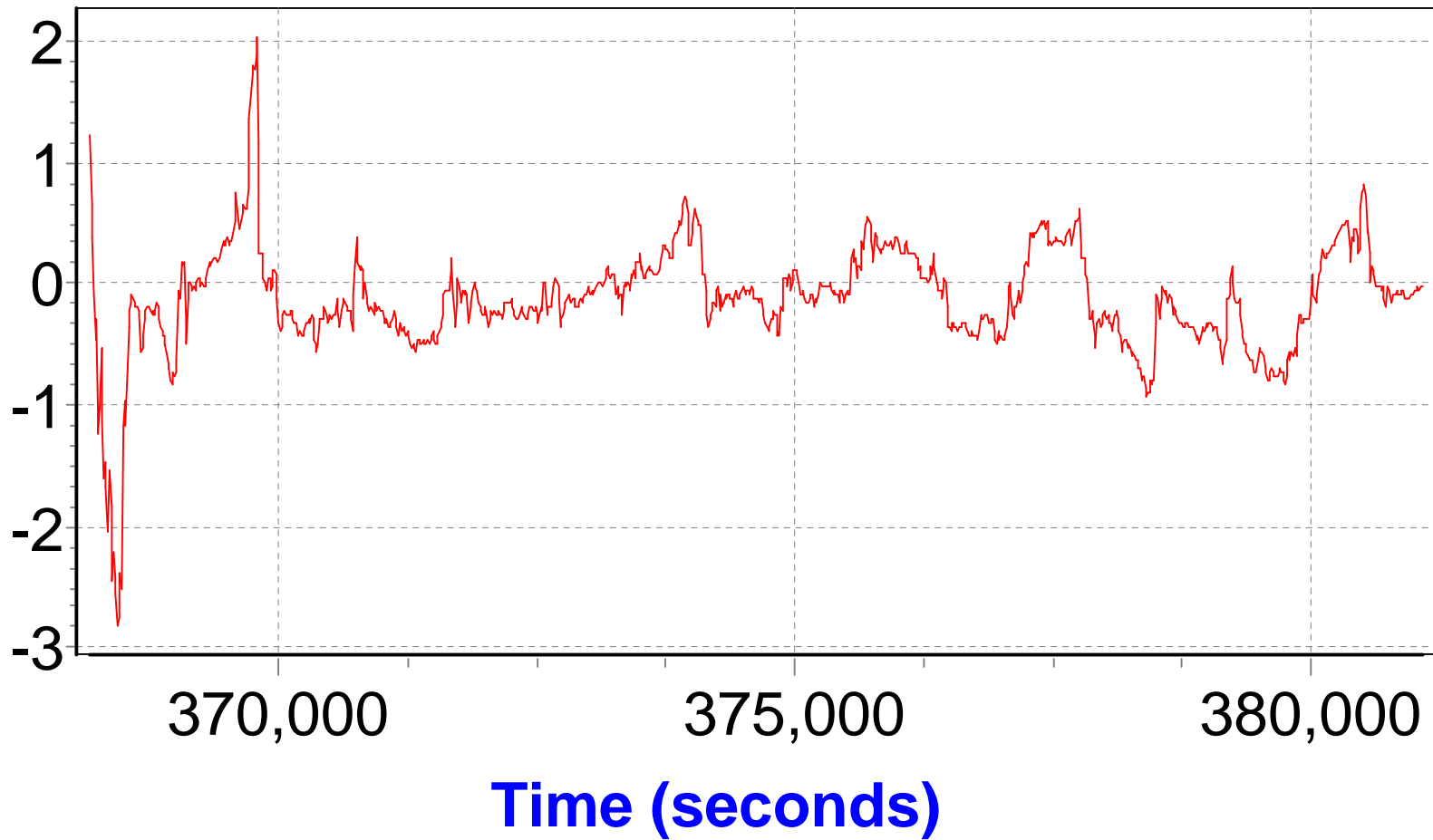
S/D Navigator X Misalignment (arcmin)



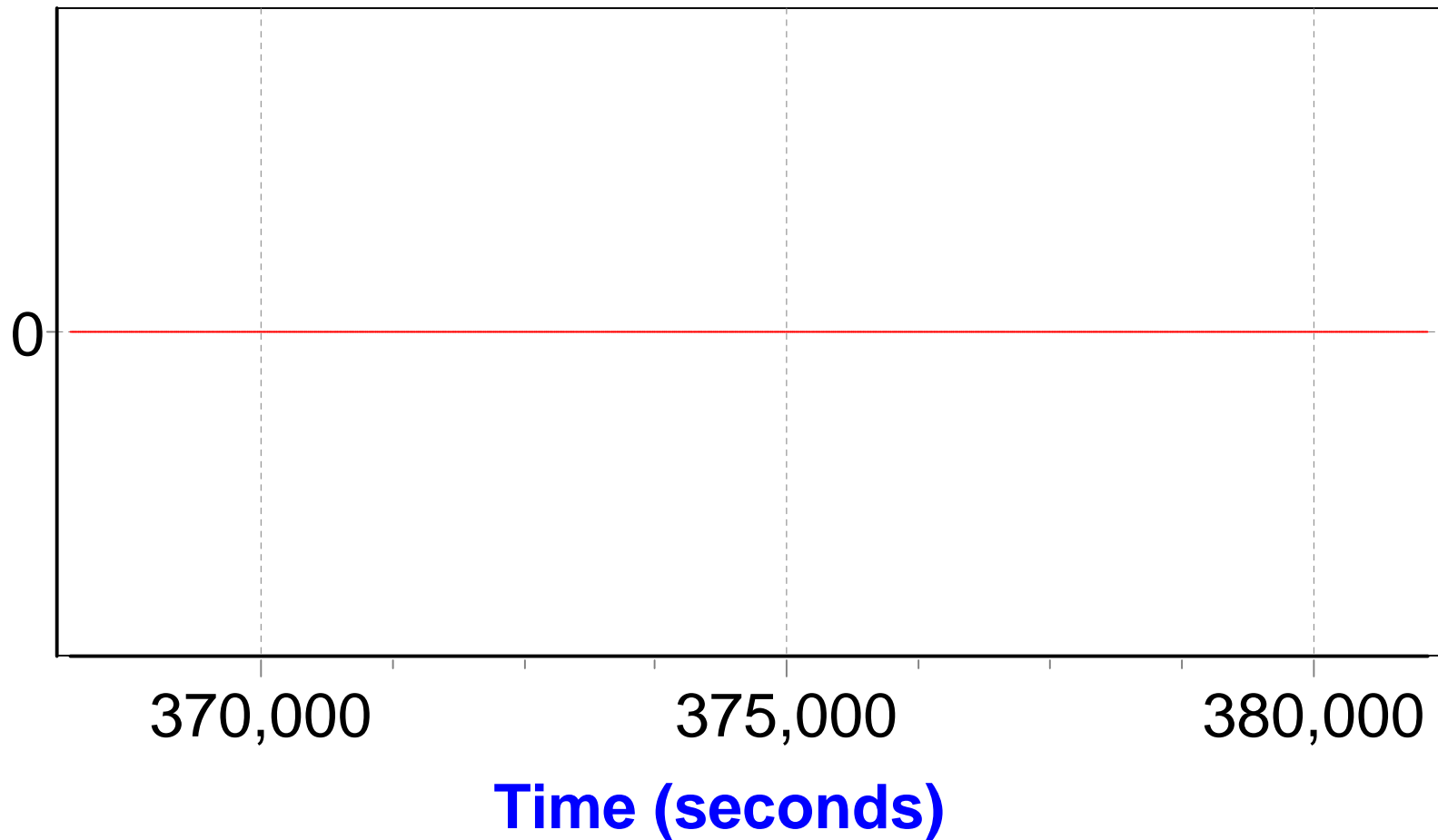
S/D Navigator Y Misalignment (arcmin)



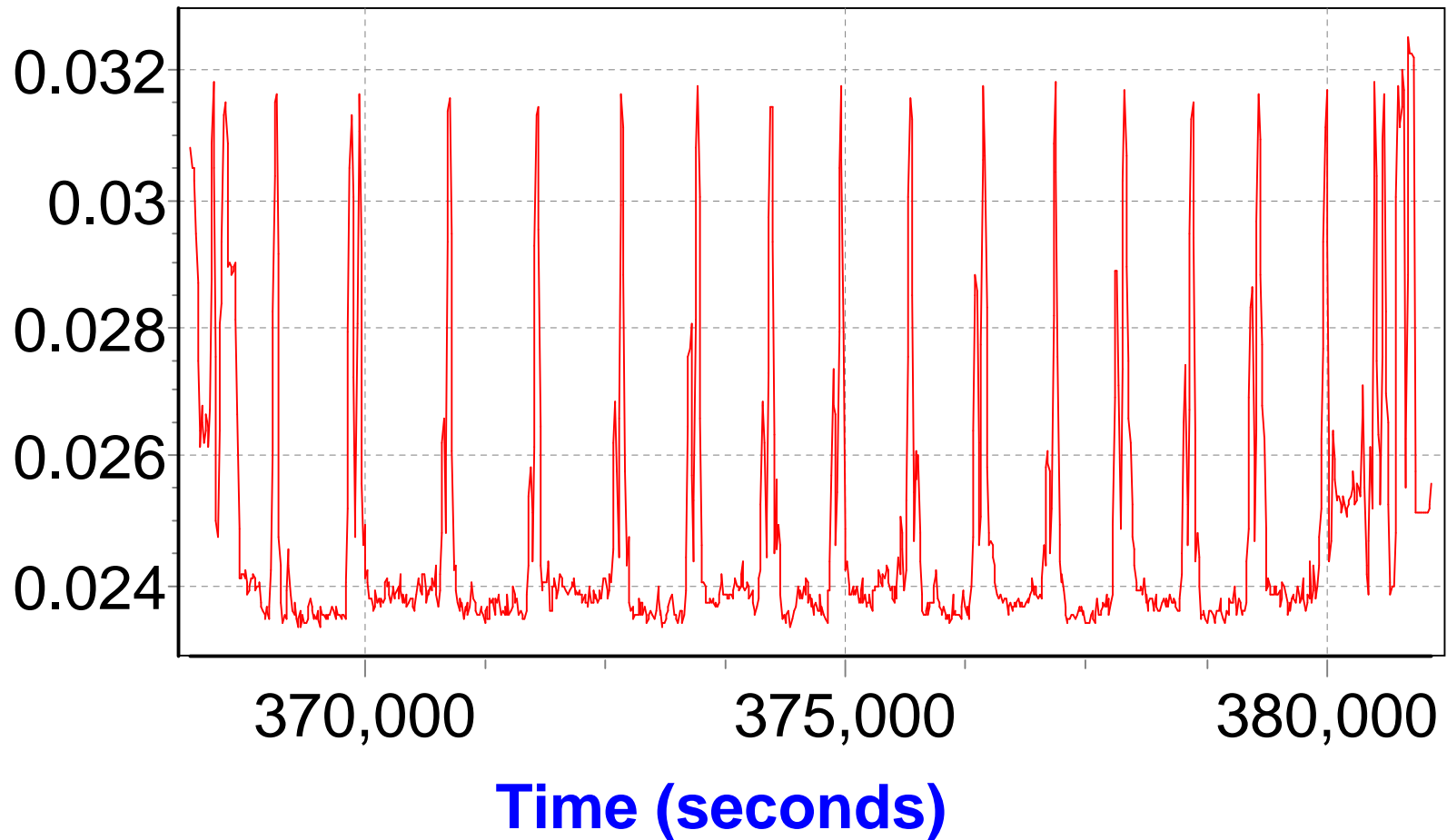
S/D Navigator Z Misalignment (arcmin)



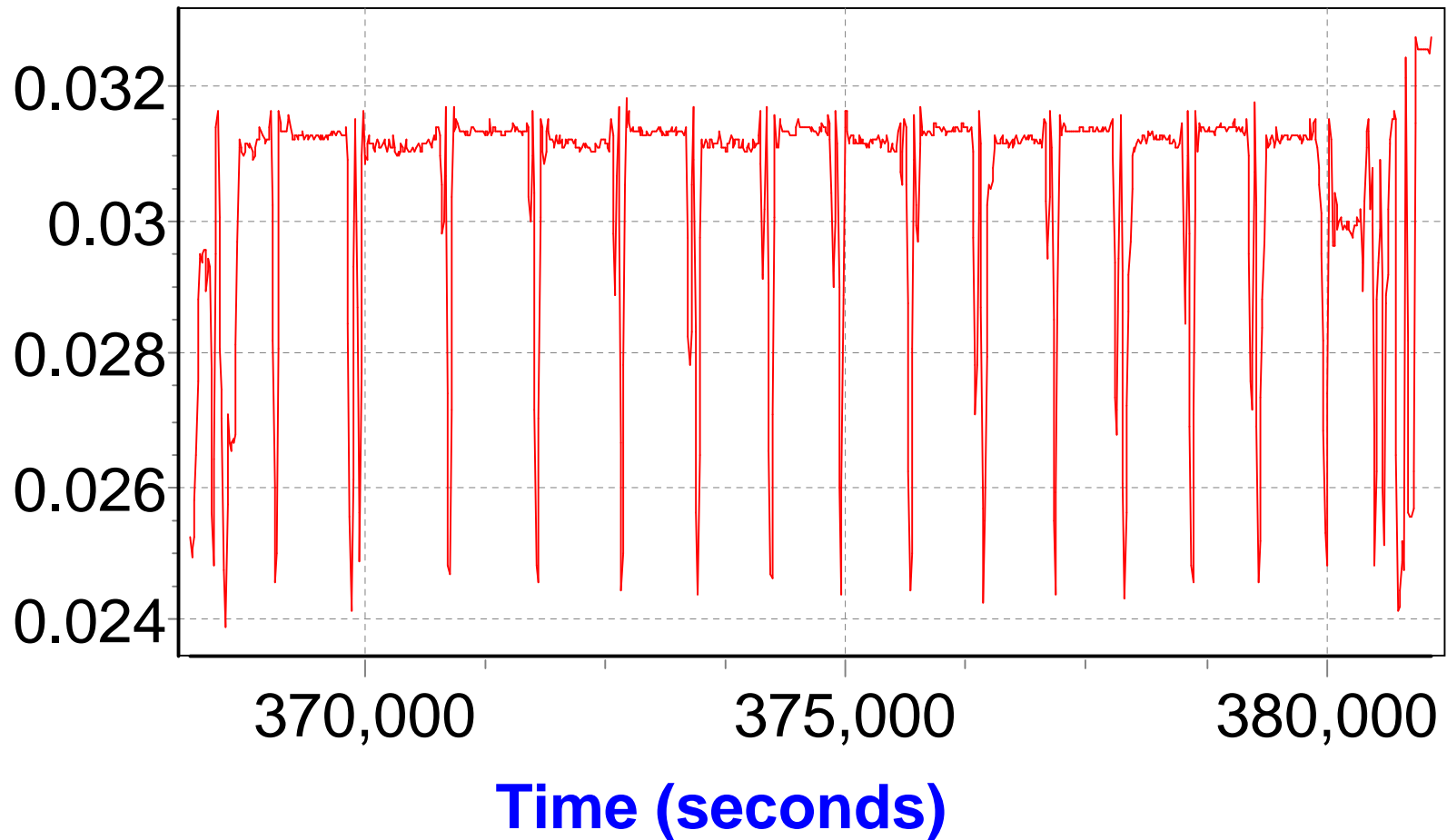
S/D Navigator COS(Z Misalignment)-1 (radians)



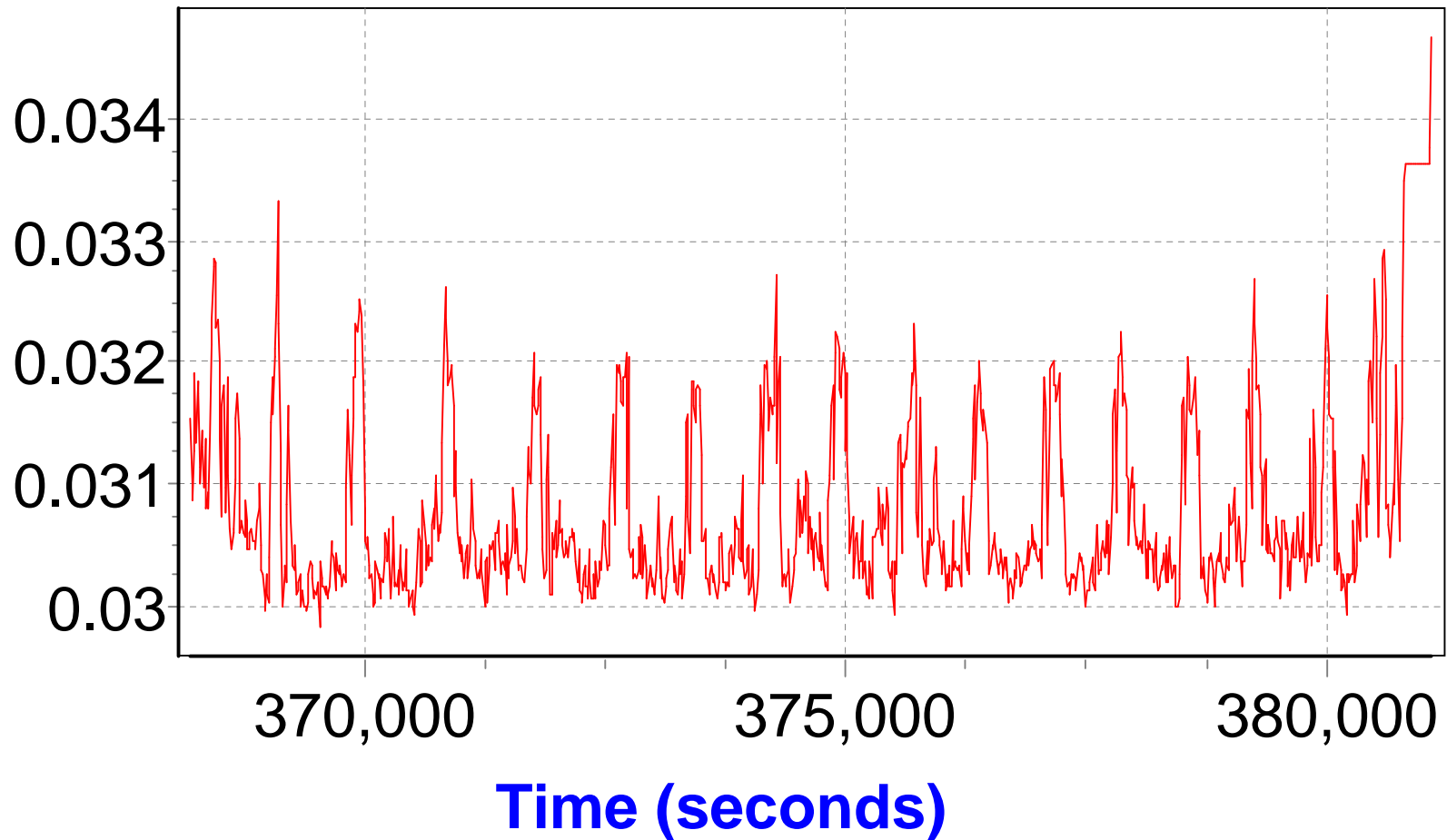
S/D Navigator X Position RMS Error (meters)



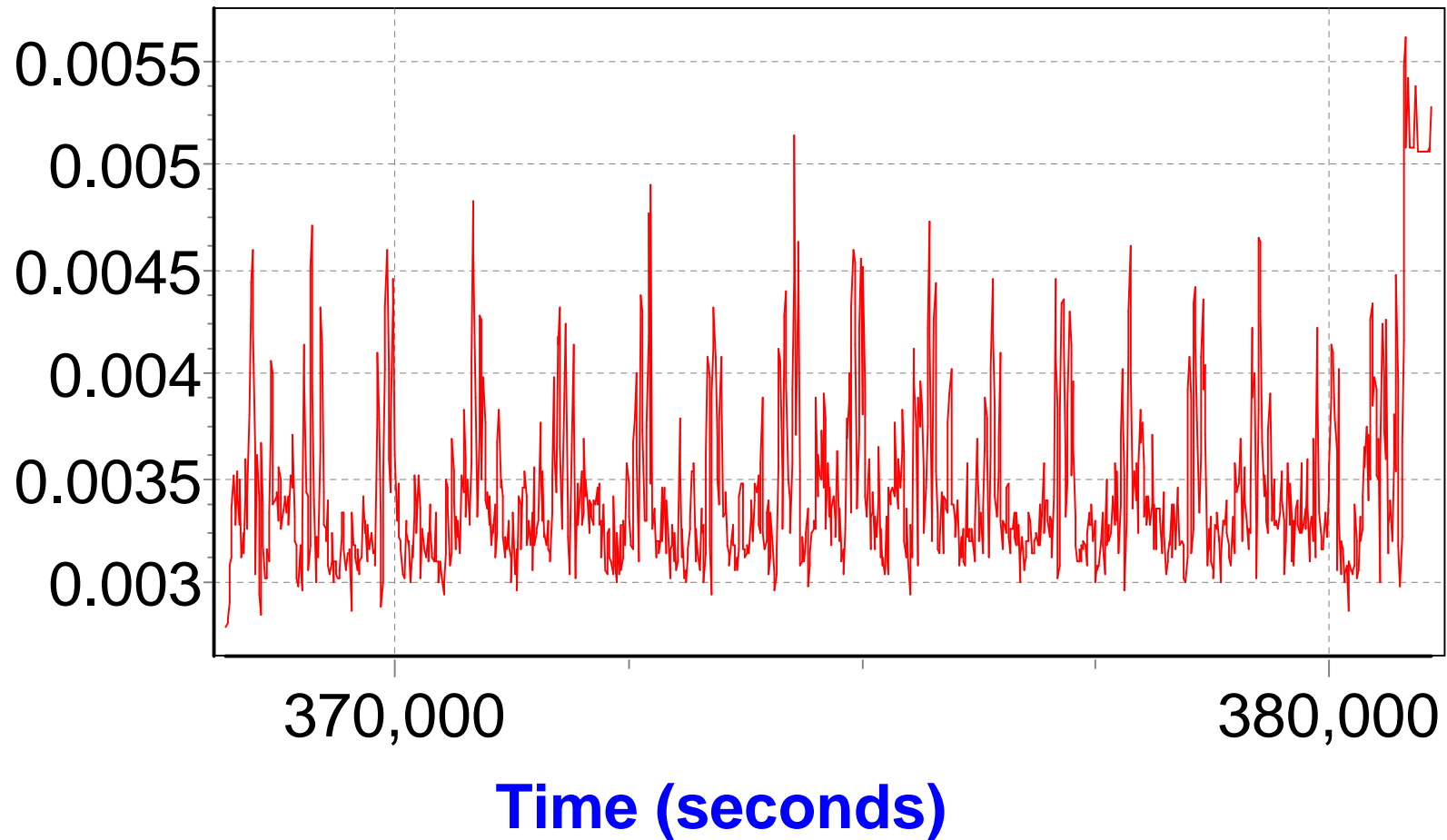
S/D Navigator Y Position RMS Error (meters)



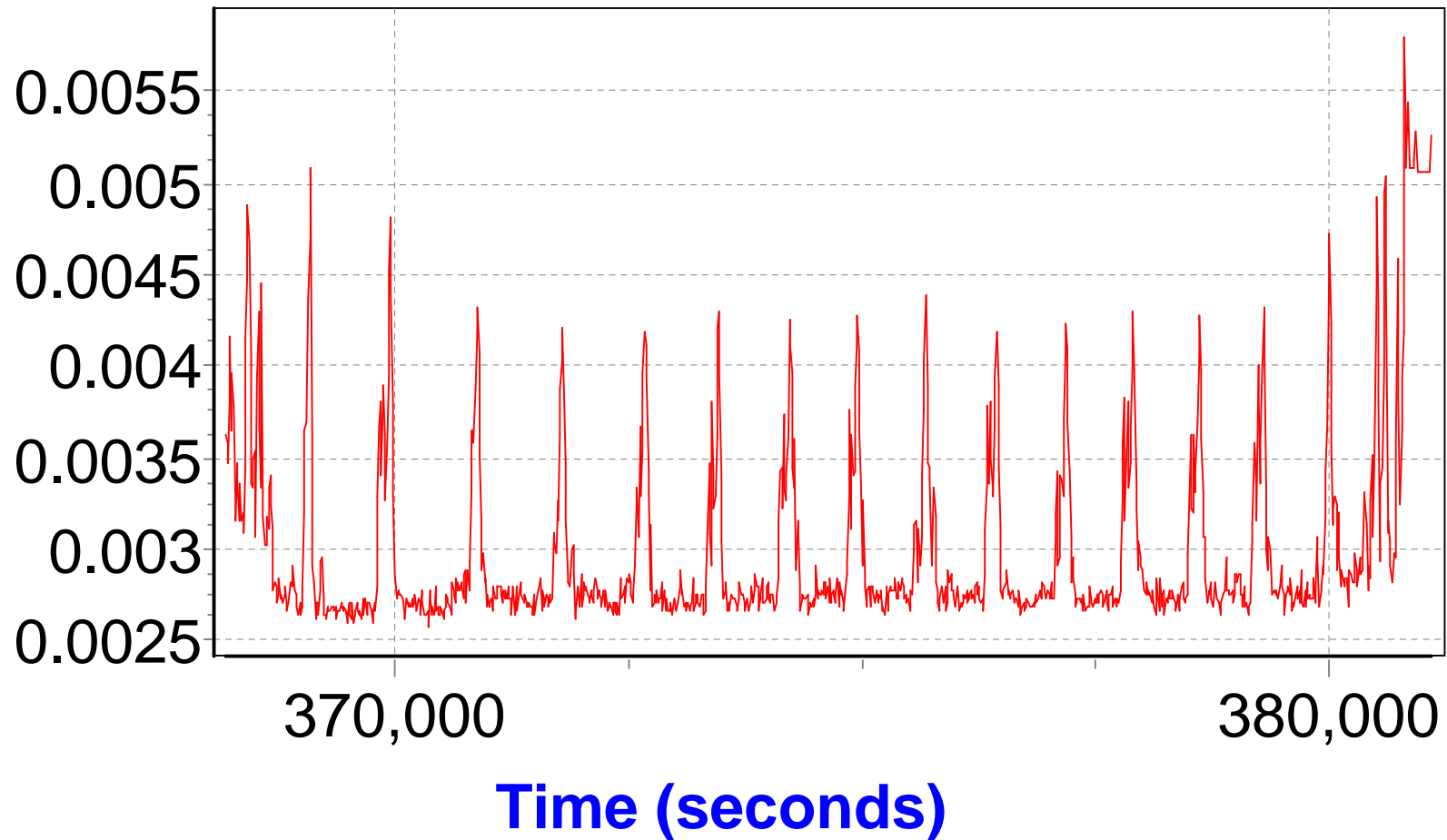
S/D Navigator Z Position RMS Error (meters)



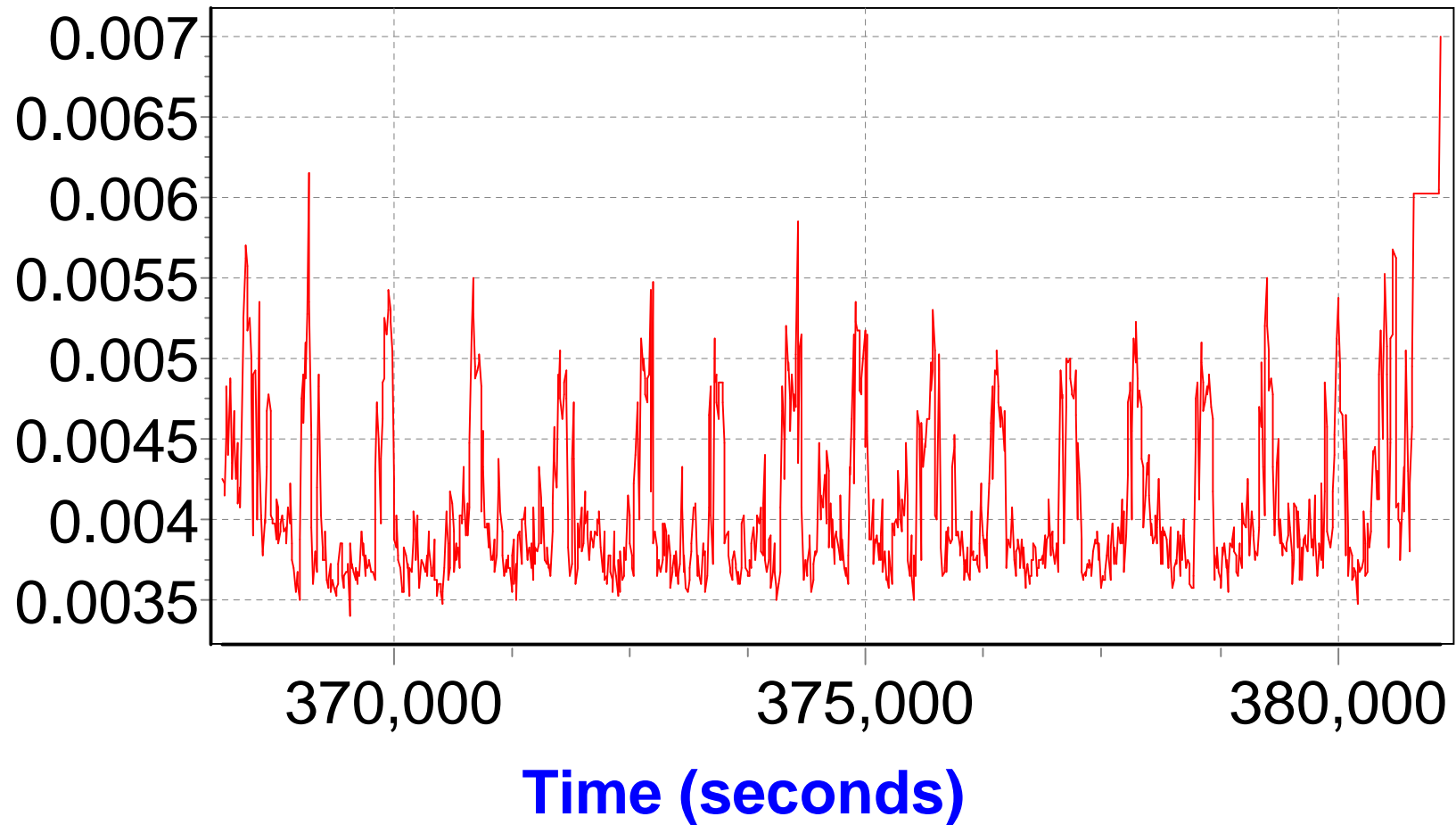
S/D Navigator X Velocity RMS Error (meters/seconds)



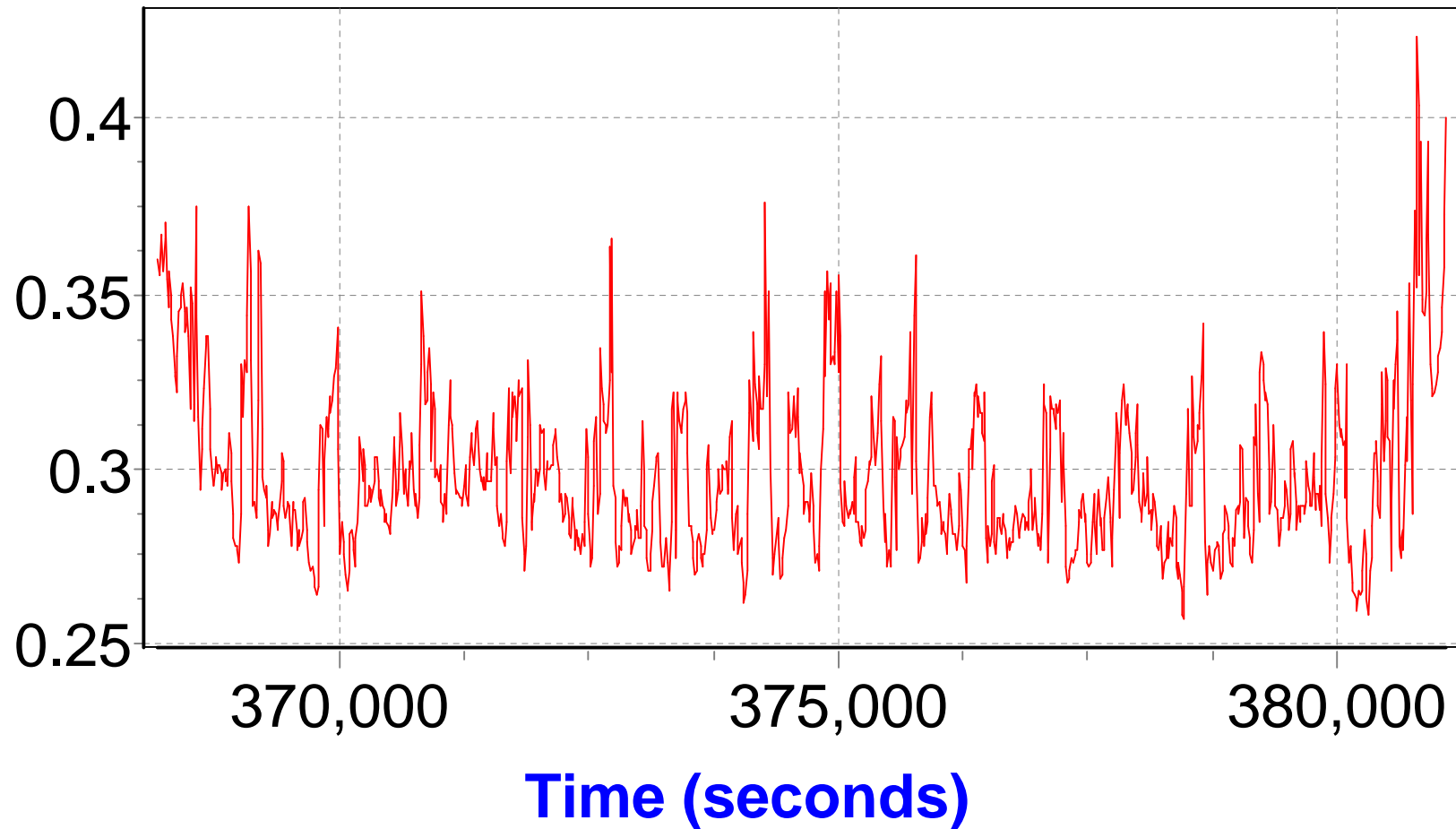
S/D Navigator Y Velocity RMS Error (meters/seconds)



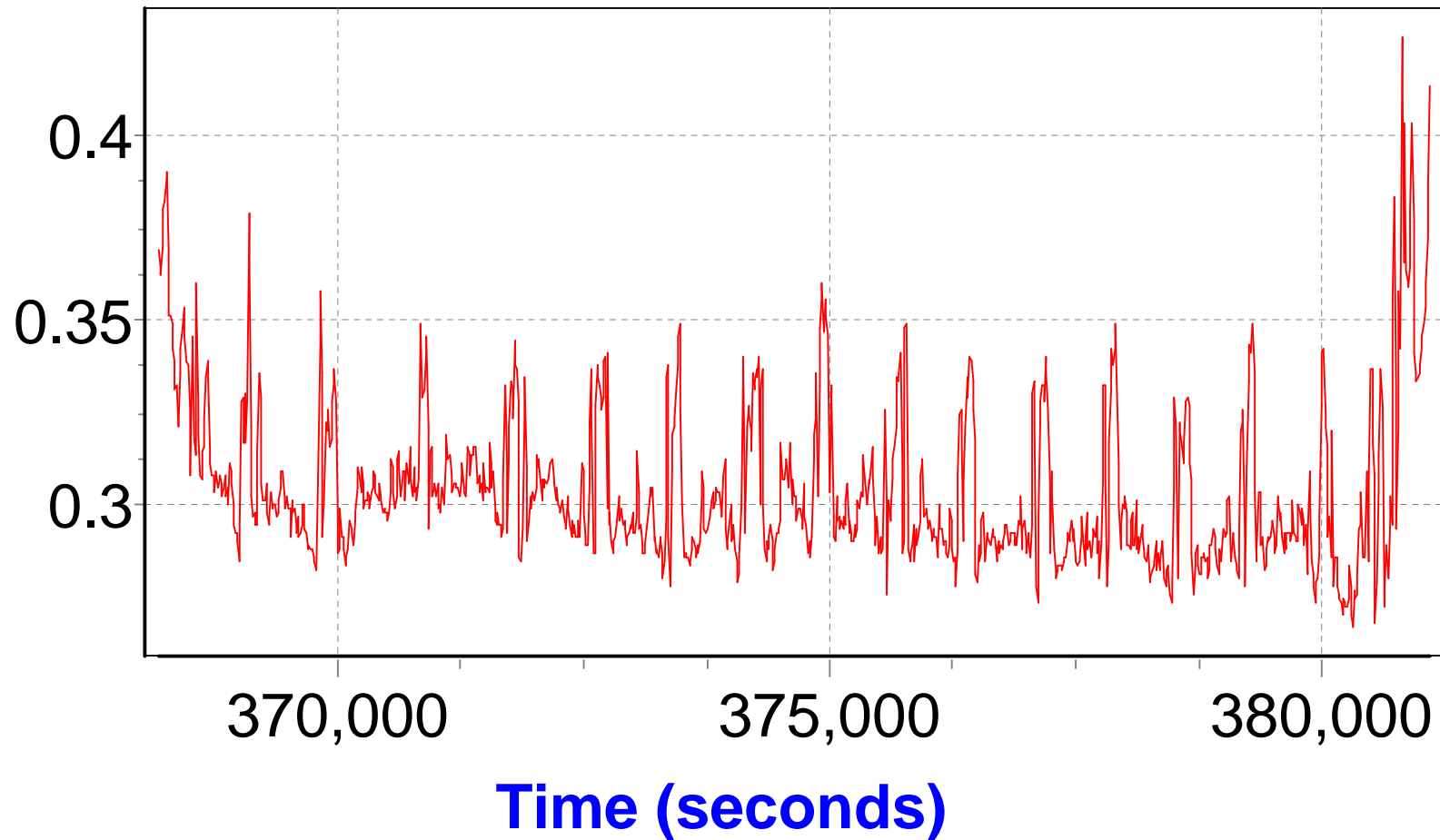
S/D Navigator Z Velocity RMS Error (meters/seconds)



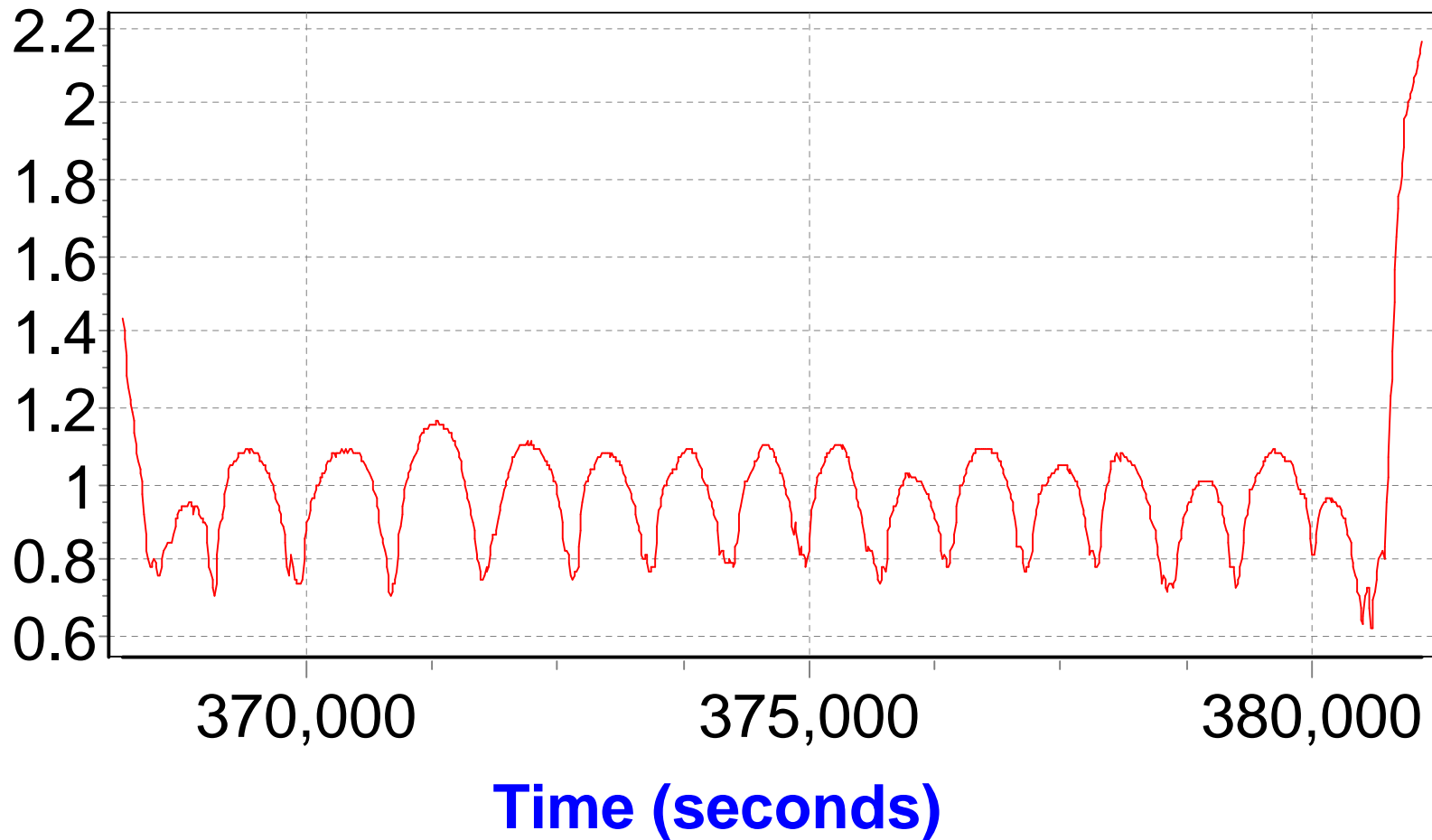
S/D Navigator X Misalignment RMS (arcmin)



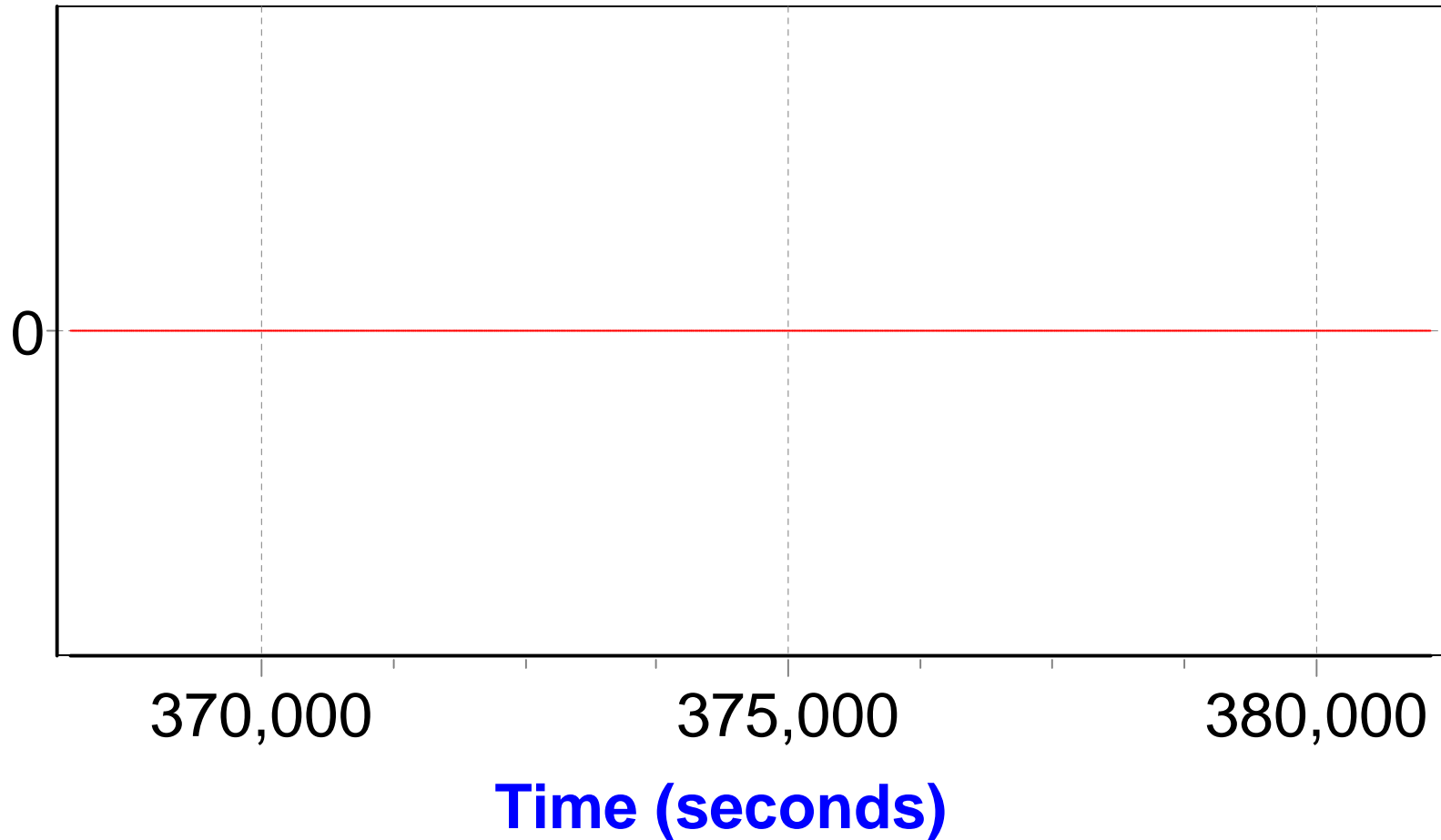
S/D Navigator Y Misalignment RMS (arcmin)



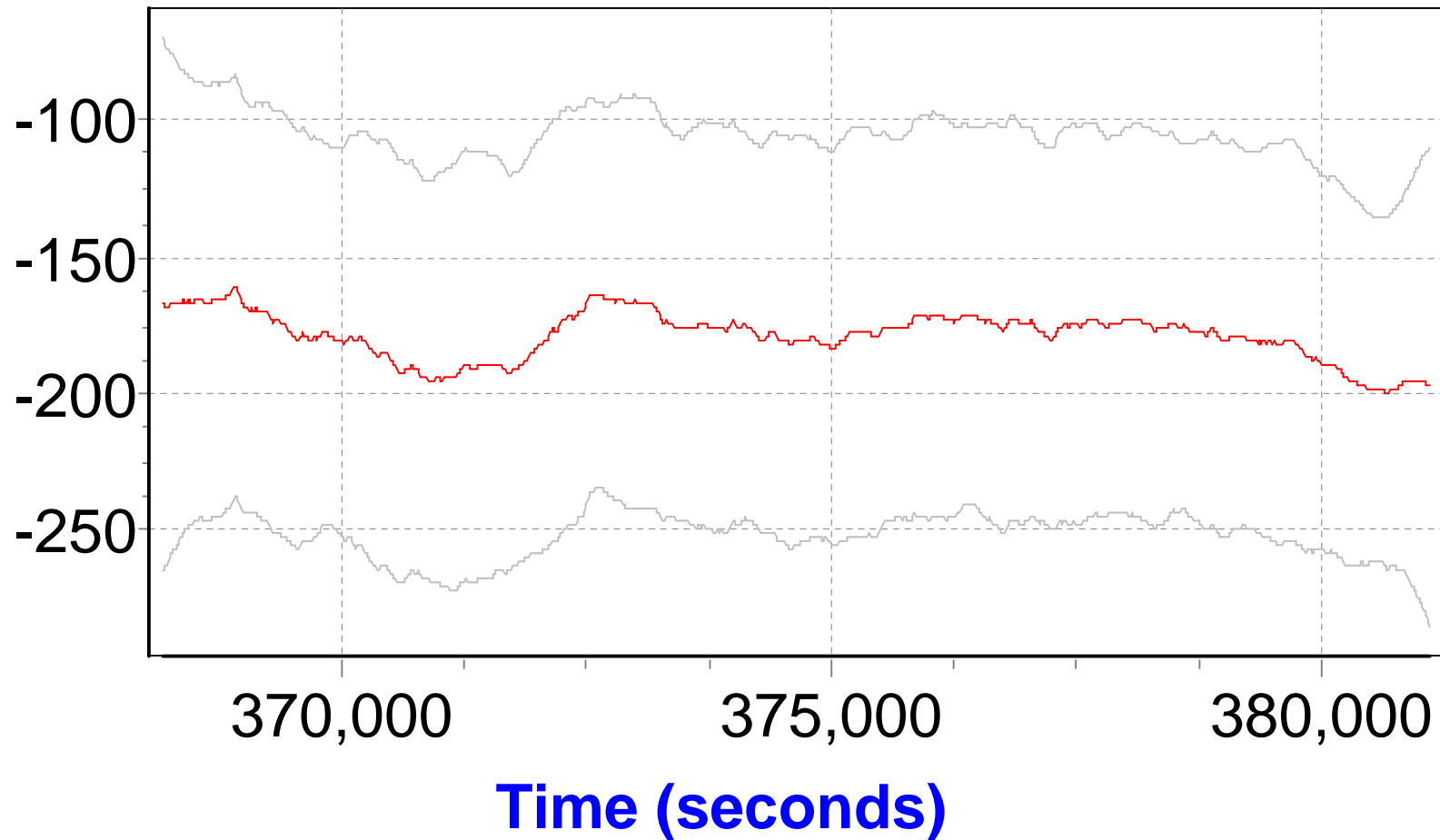
S/D Navigator Z Misalignment RMS (arcmin)



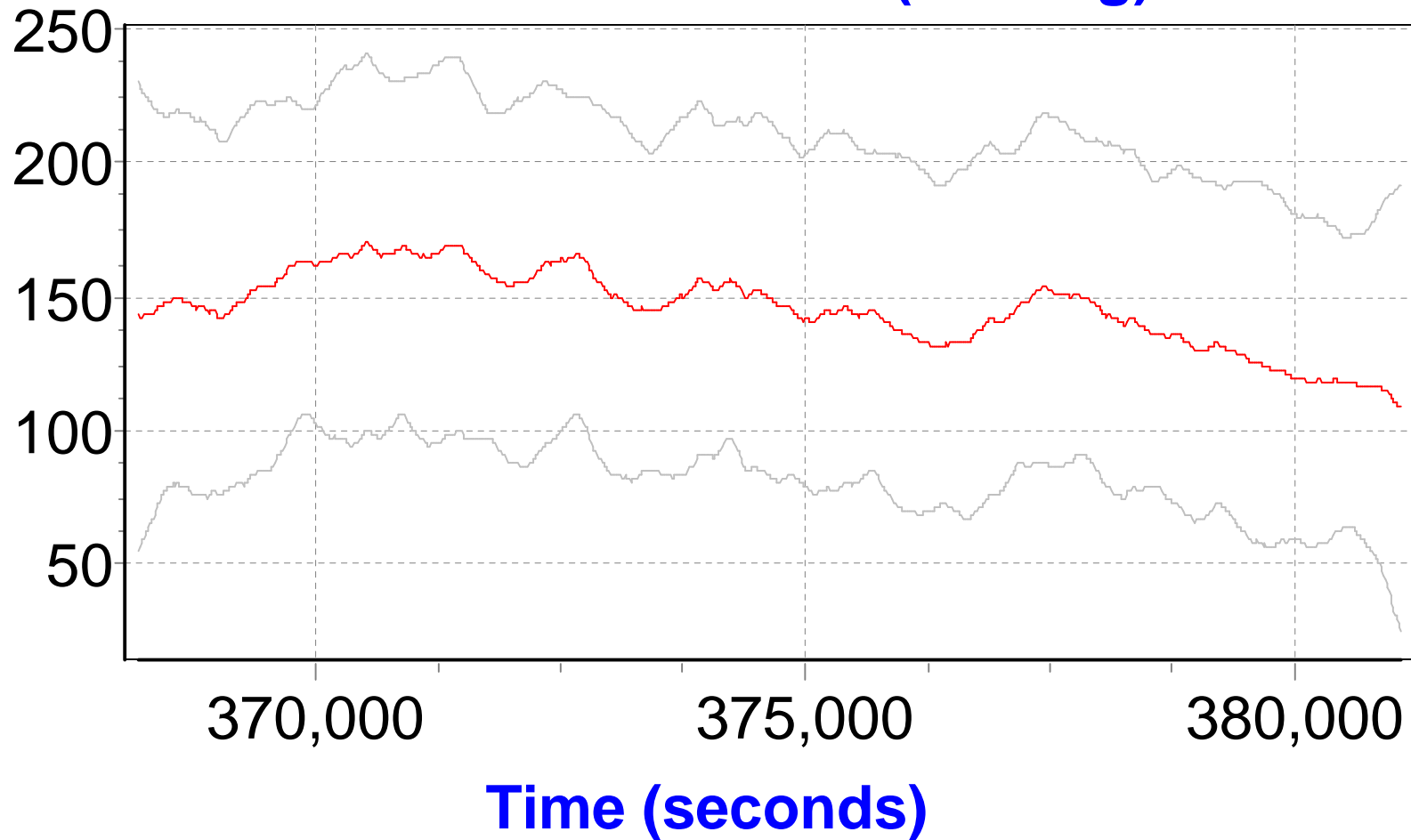
S/D Navigator COS(Z Misalignment)-1 RMS (radians)



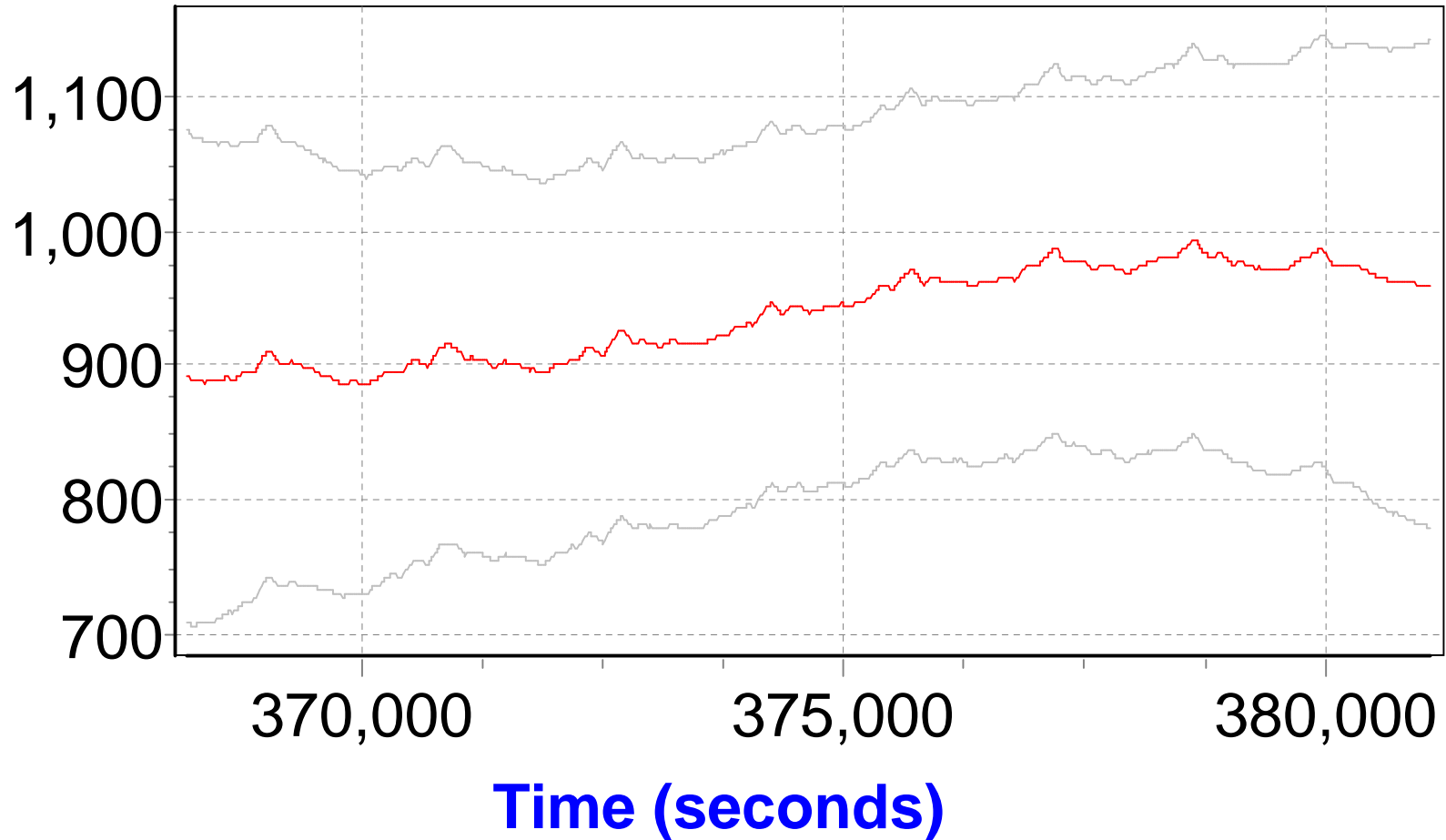
X Accelerometer Bias (micro-g)



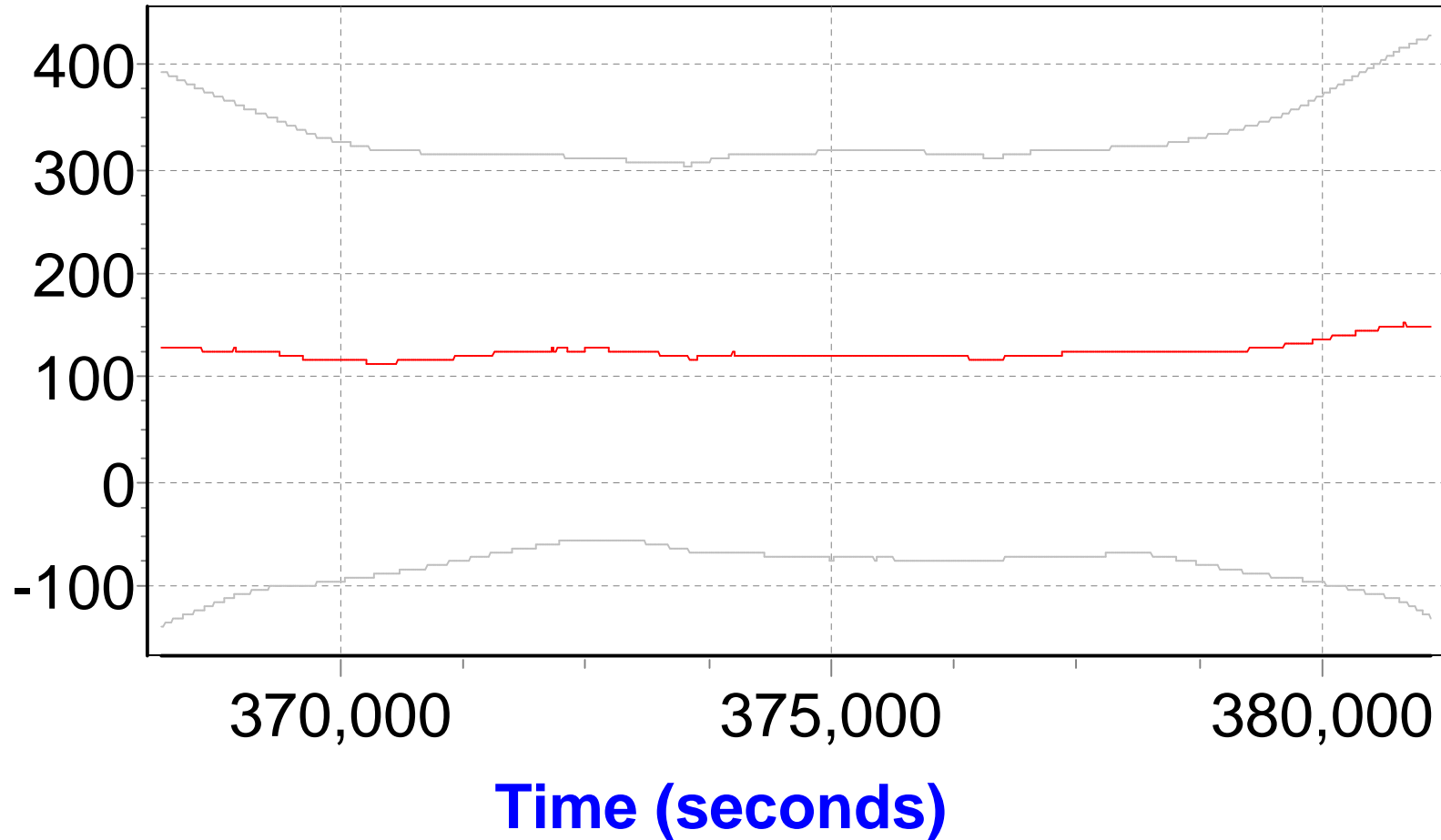
Y Accelerometer Bias (micro-g)



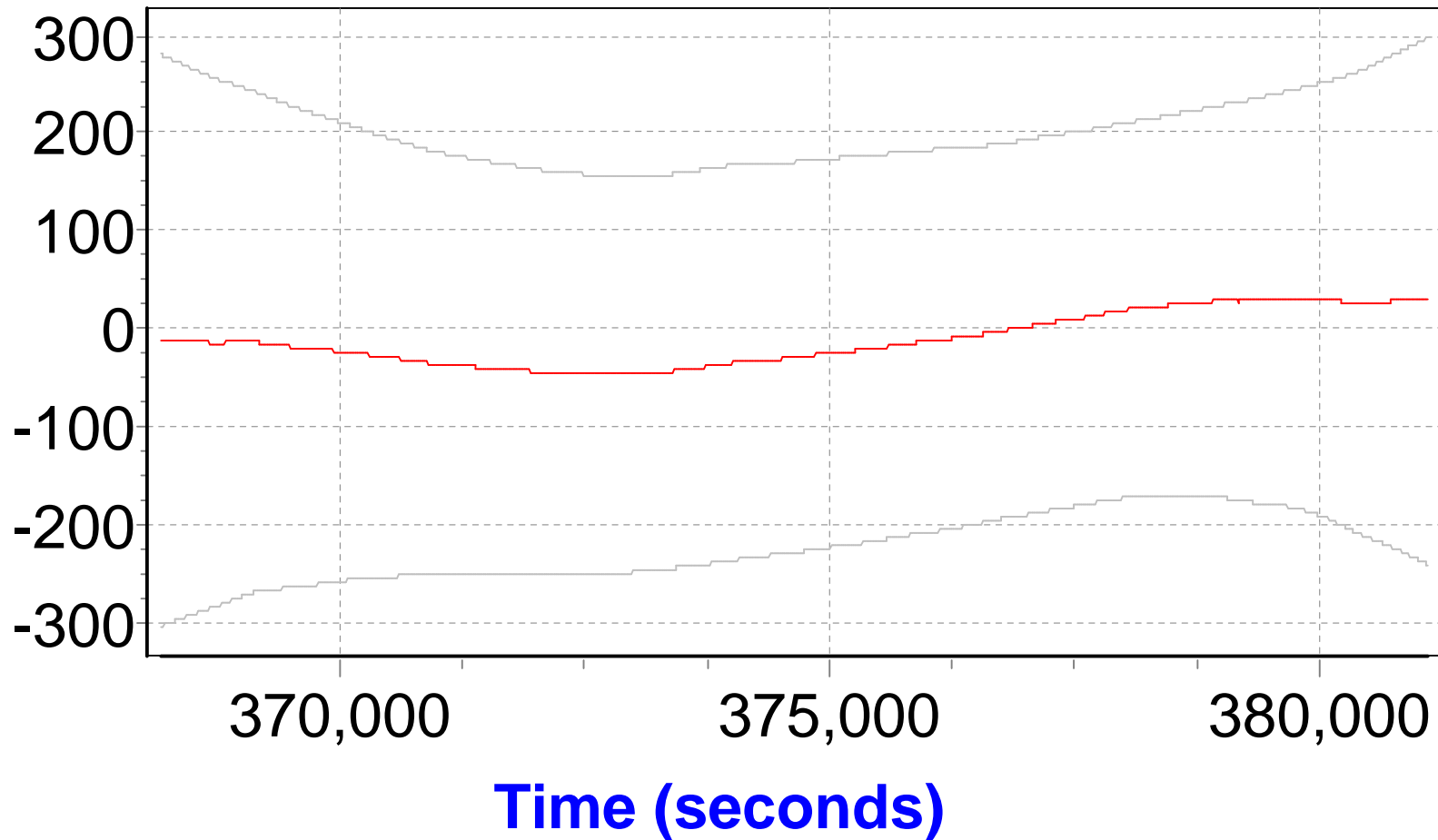
Z Accelerometer Bias (micro-g)



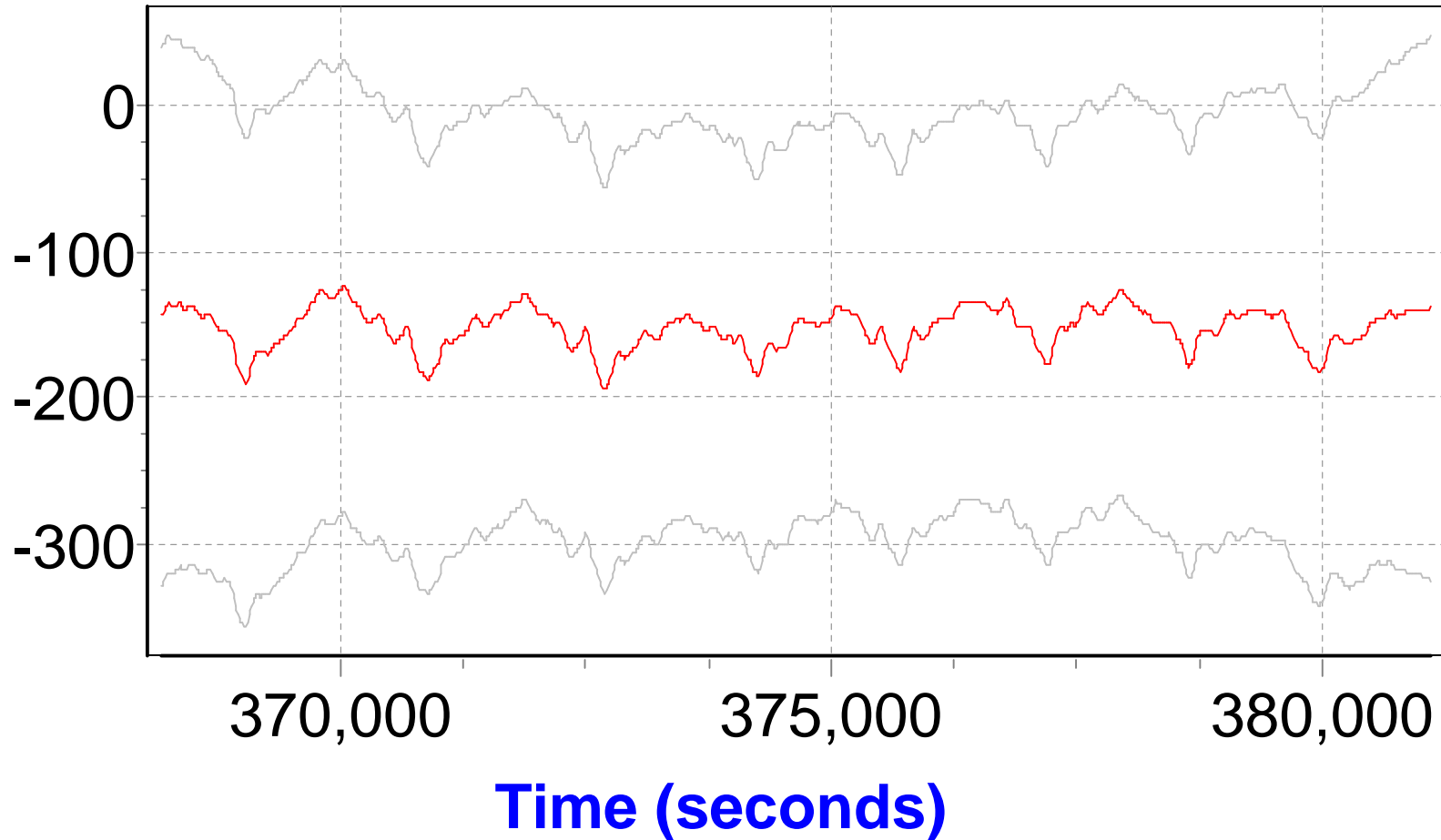
X Accelerometer Scale Factor Error (ppm)



Y Accelerometer Scale Factor Error (ppm)



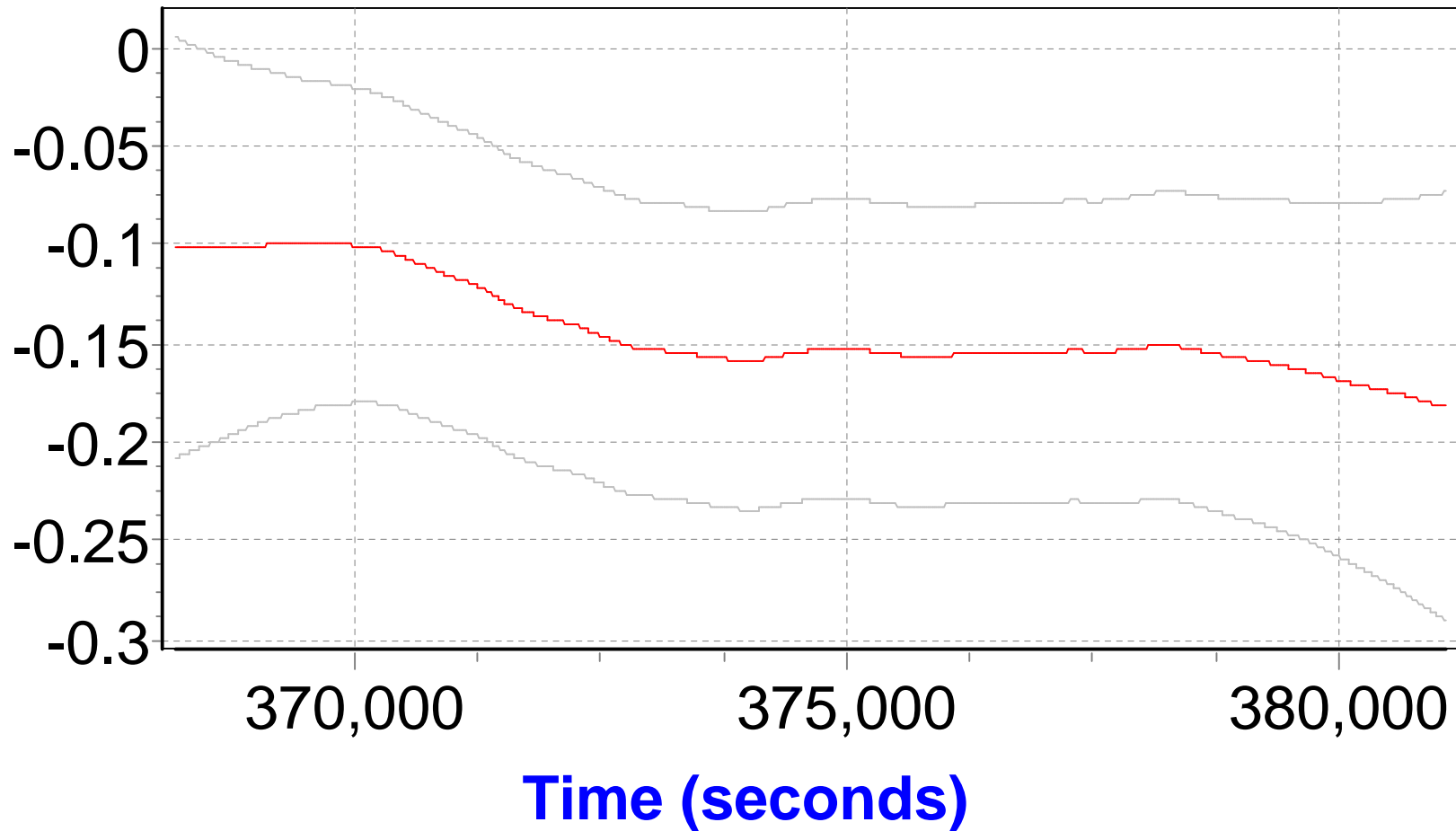
Z Accelerometer Scale Factor Error (ppm)



G:\o112095b\3_Processed\Extract\smers_o112095b.dat

G:\o112095b\3_Processed\Extract\smrms_o112095b.dat

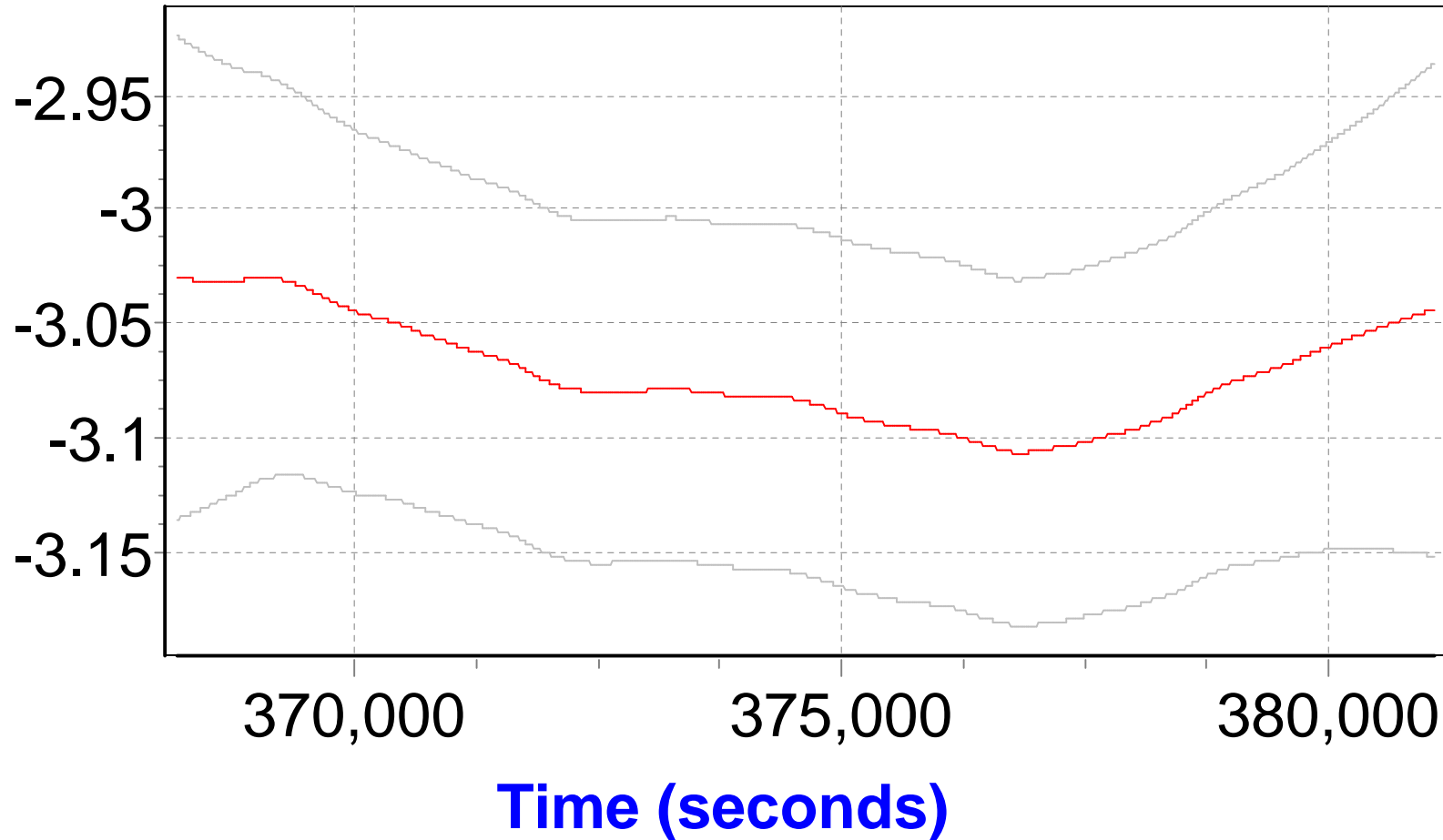
X Gyro Bias (degrees/hour)



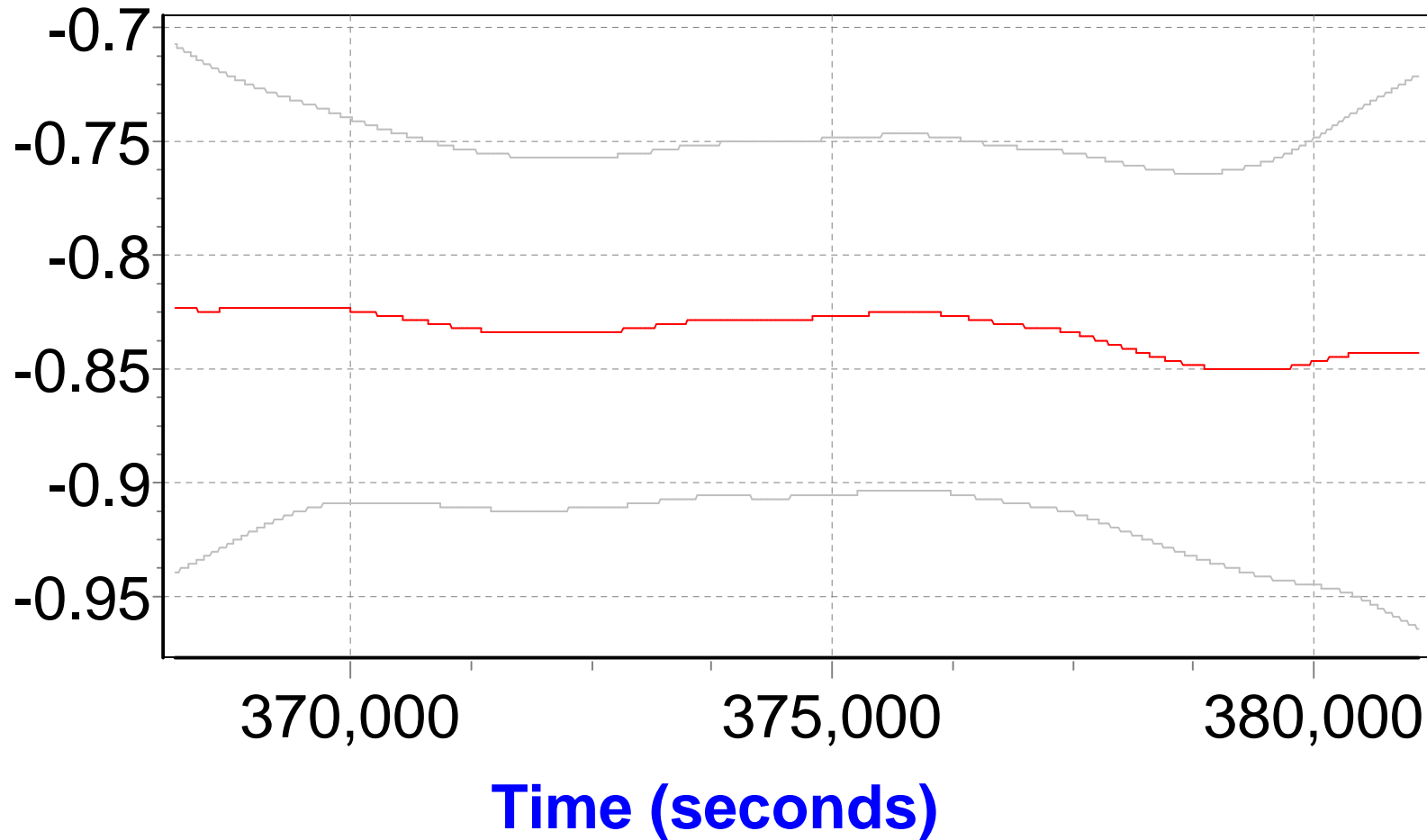
G:\o112095b\3_Processed\Extract\smers_o112095b.dat

G:\o112095b\3_Processed\Extract\smrms_o112095b.dat

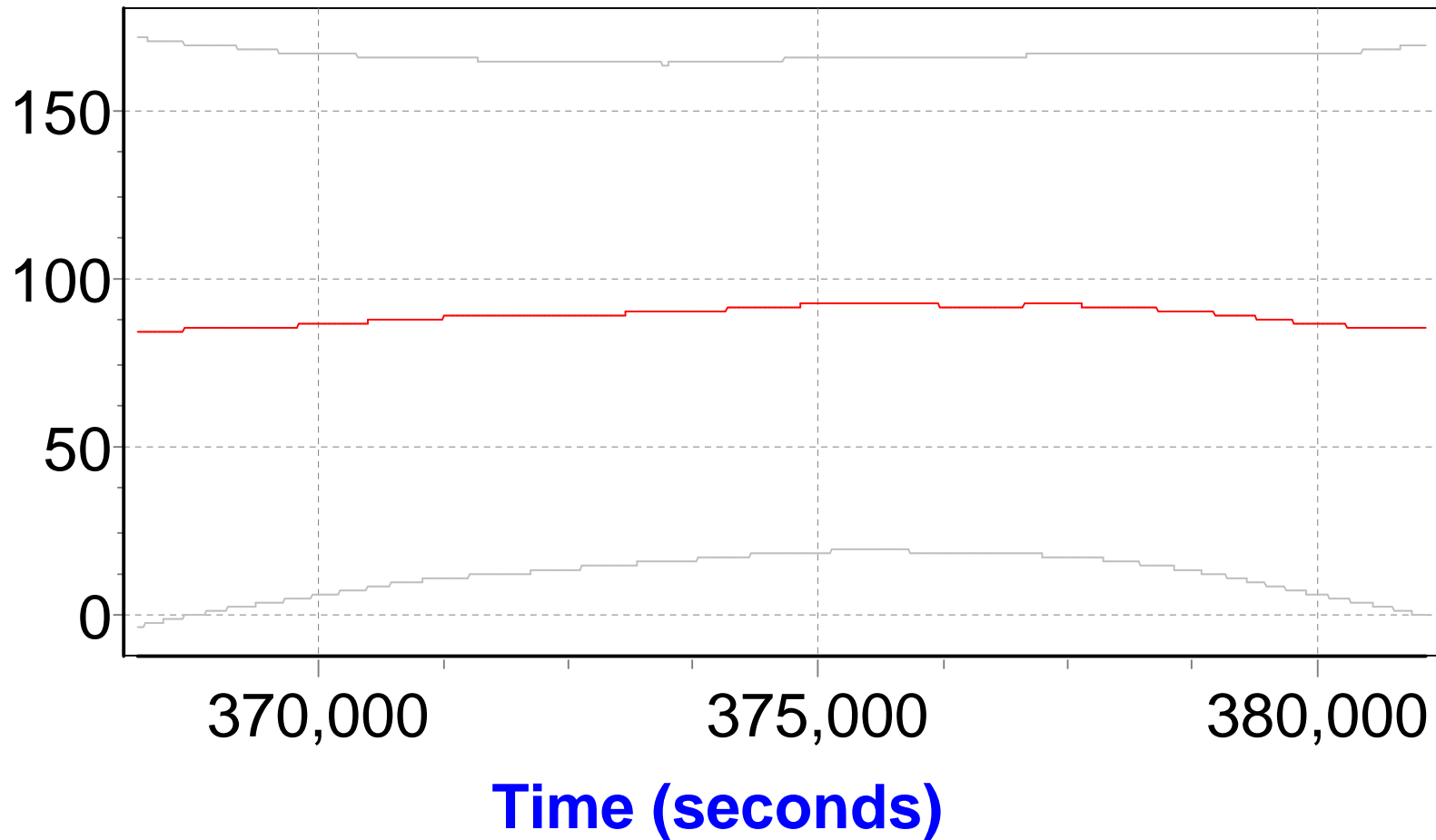
Y Gyro Bias (degrees/hour)



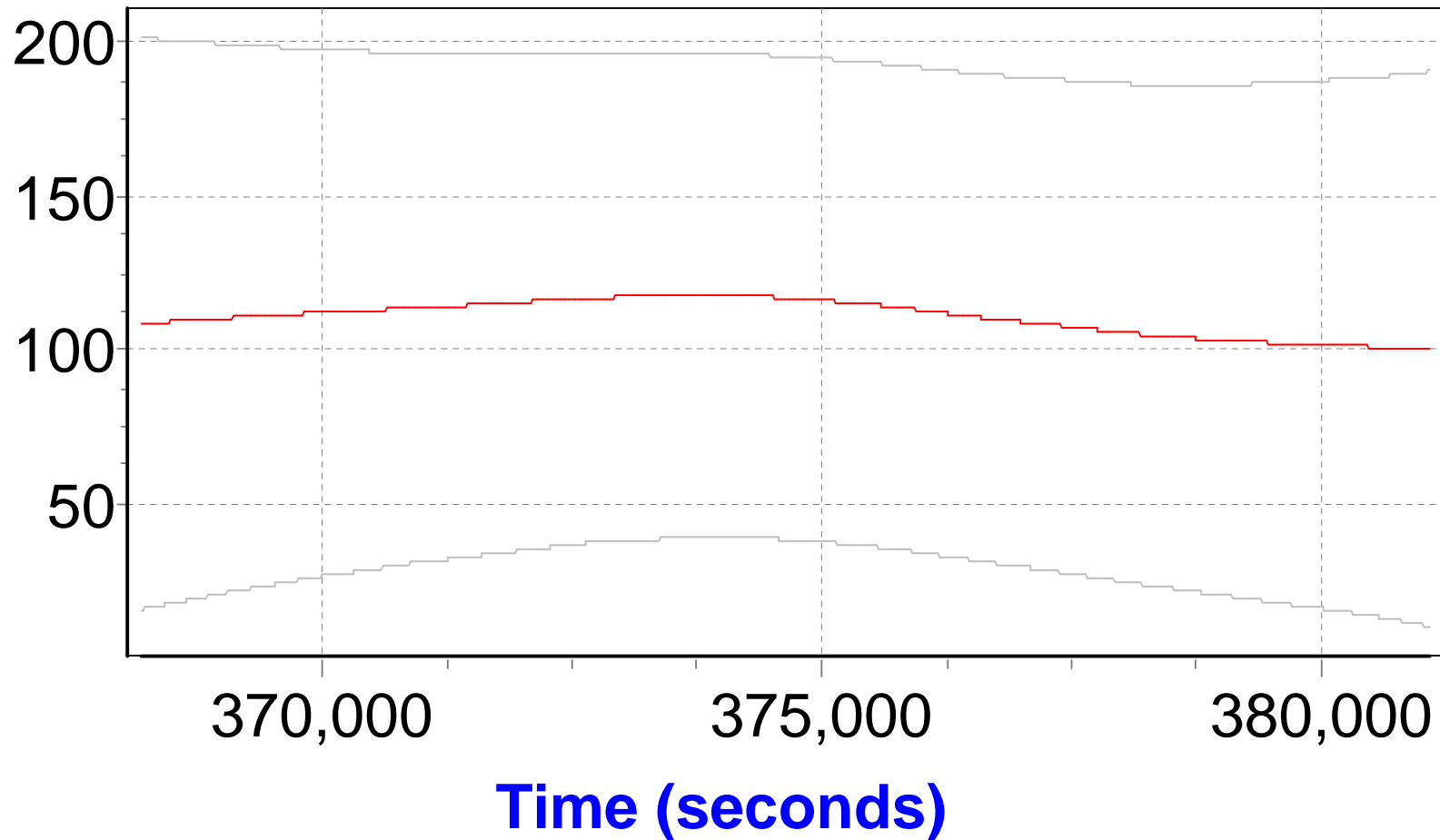
Z Gyro Bias (degrees/hour)



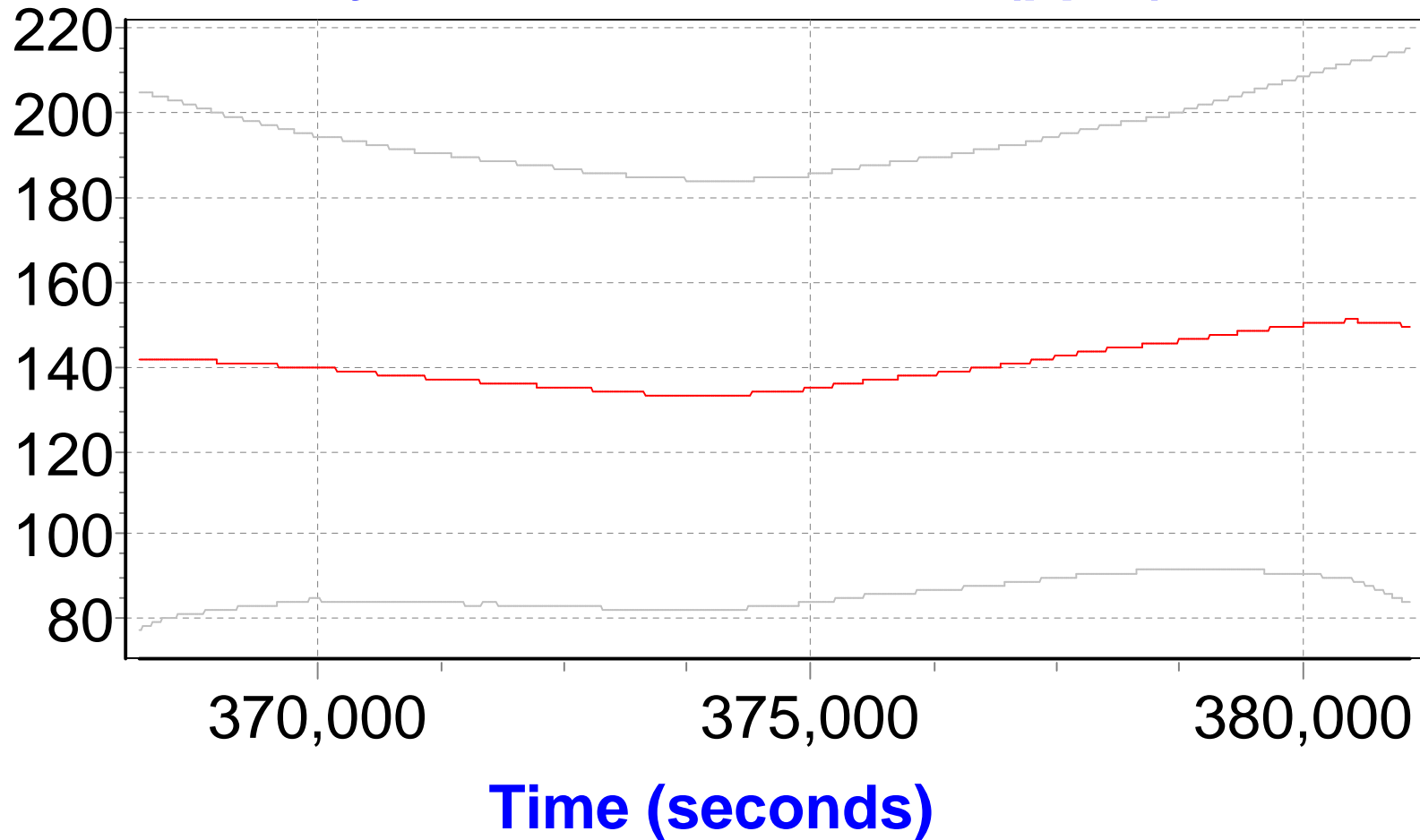
X Gyro Scale Factor Error (ppm)



Y Gyro Scale Factor Error (ppm)



Z Gyro Scale Factor Error (ppm)

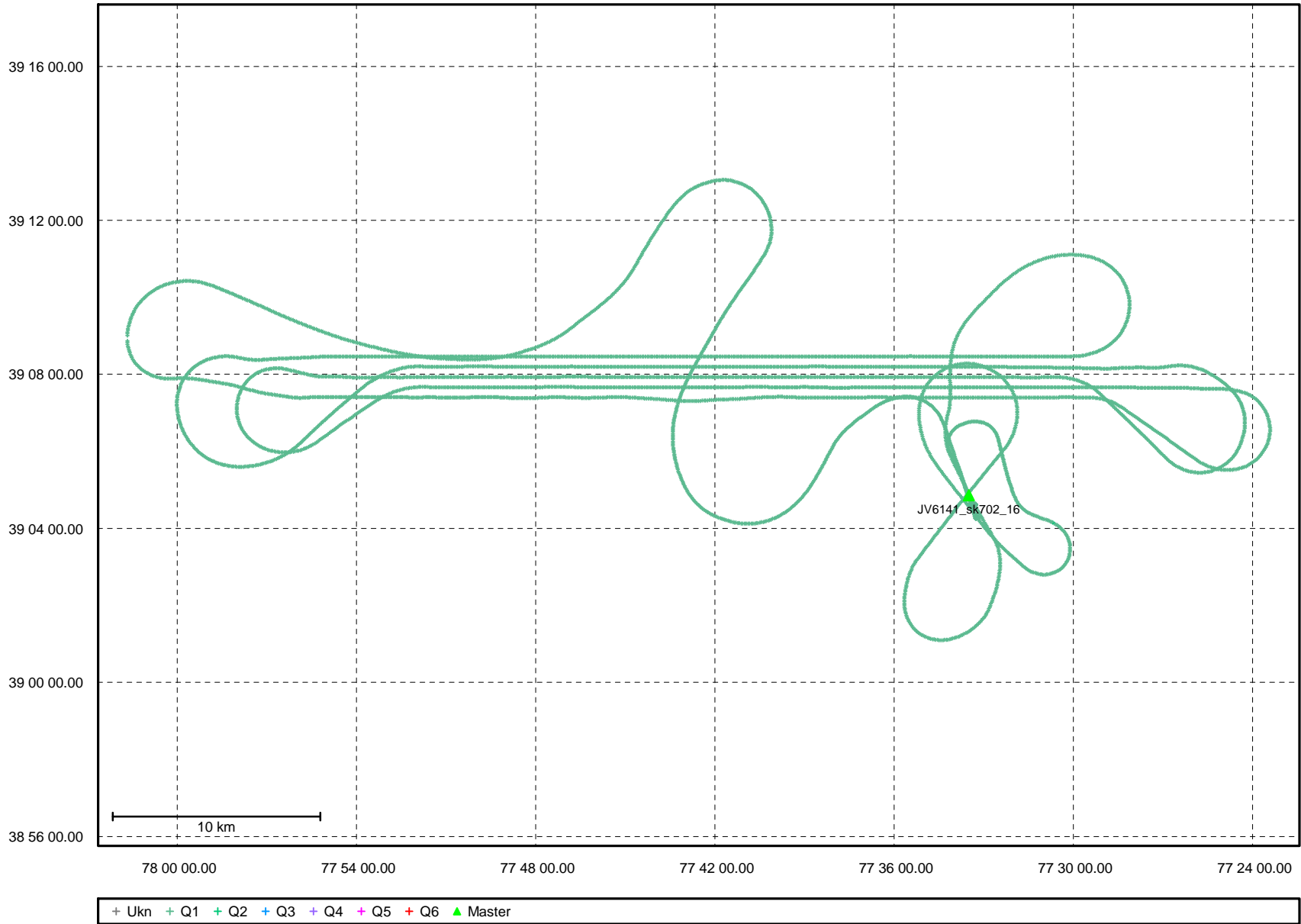


G:\o112095b\3_Processed\Extract\smers_o112095b.dat

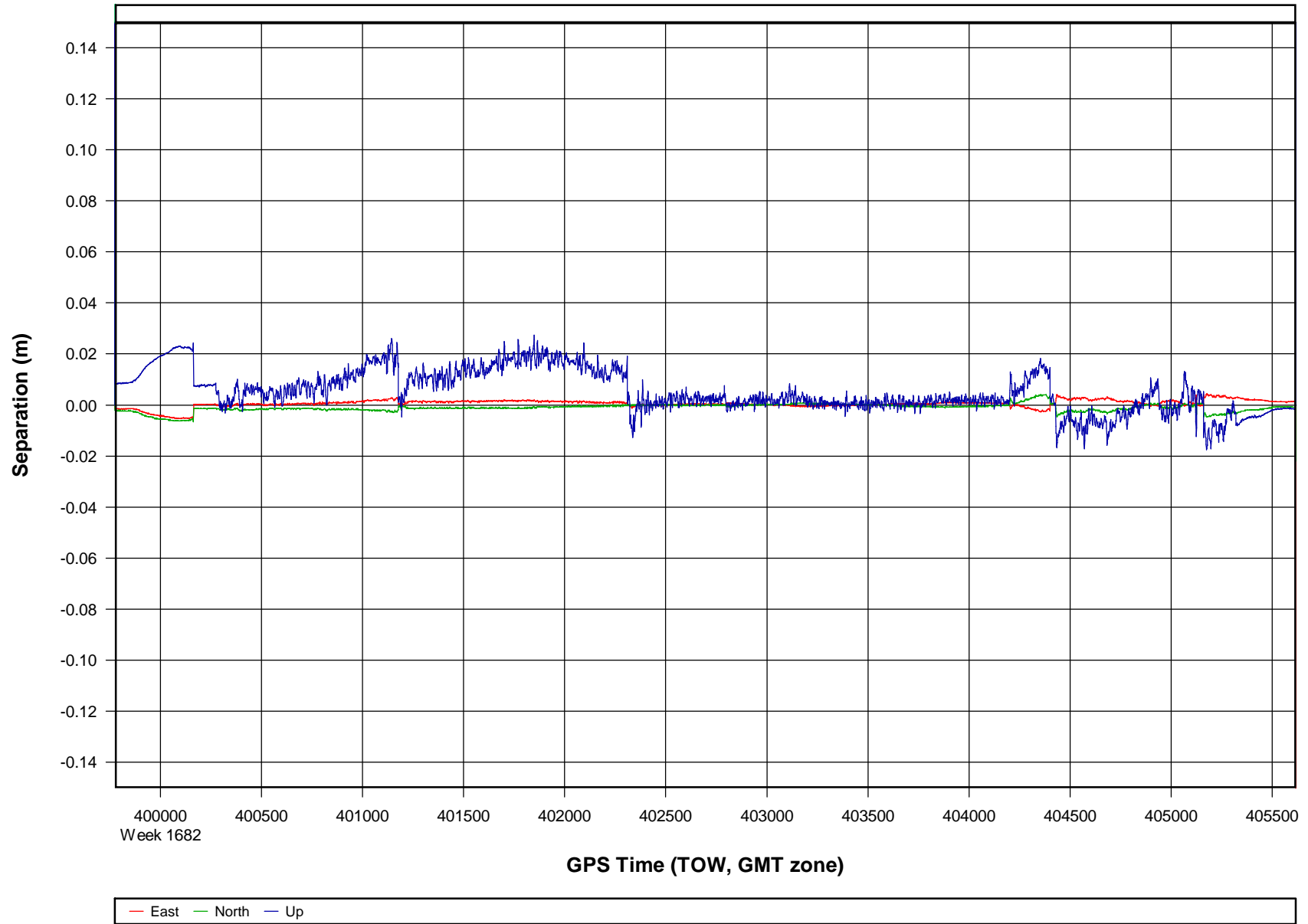
G:\o112095b\3_Processed\Extract\smrms_o112095b.dat

Combined - Map Run (1)

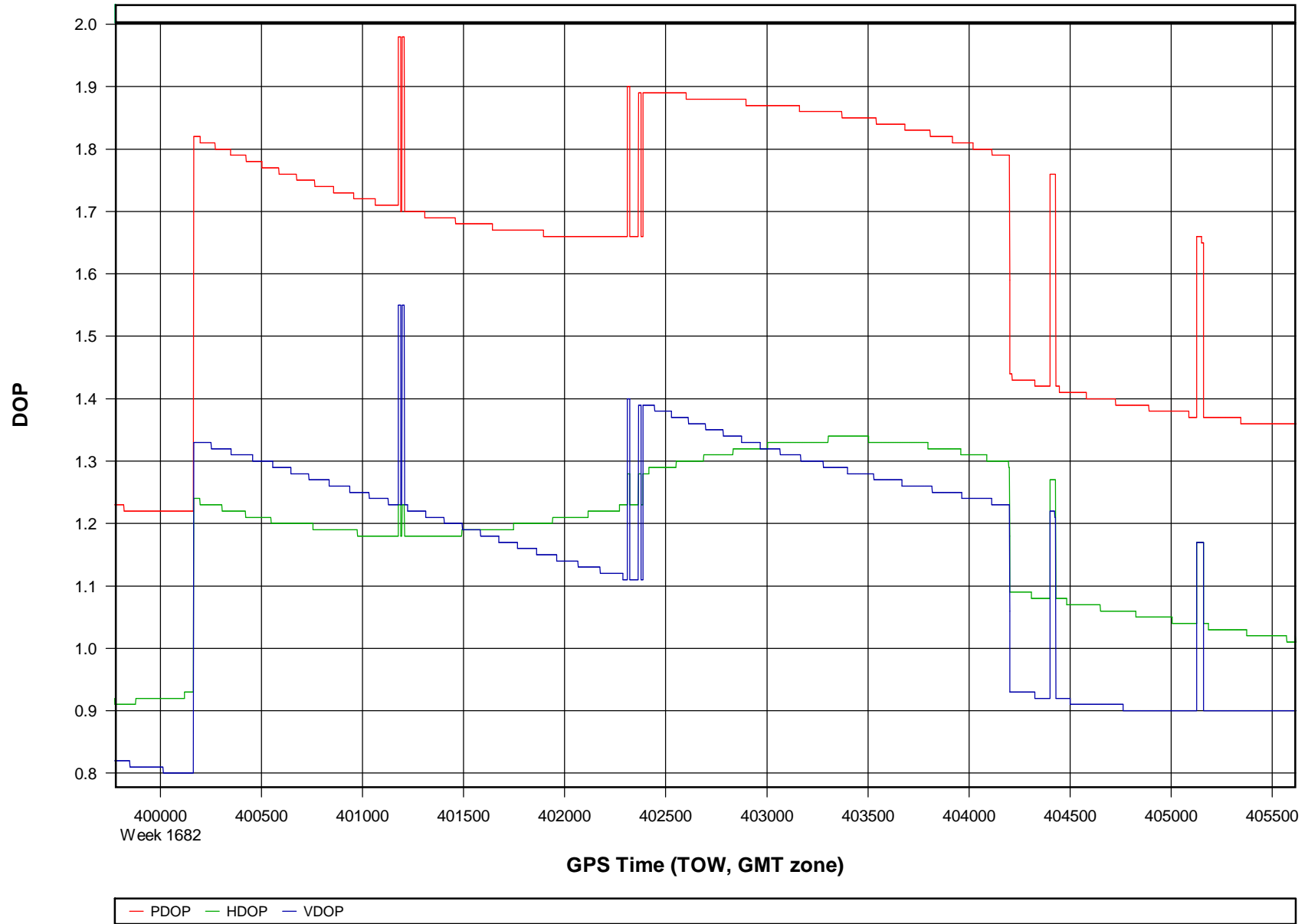
Geographic, DMS



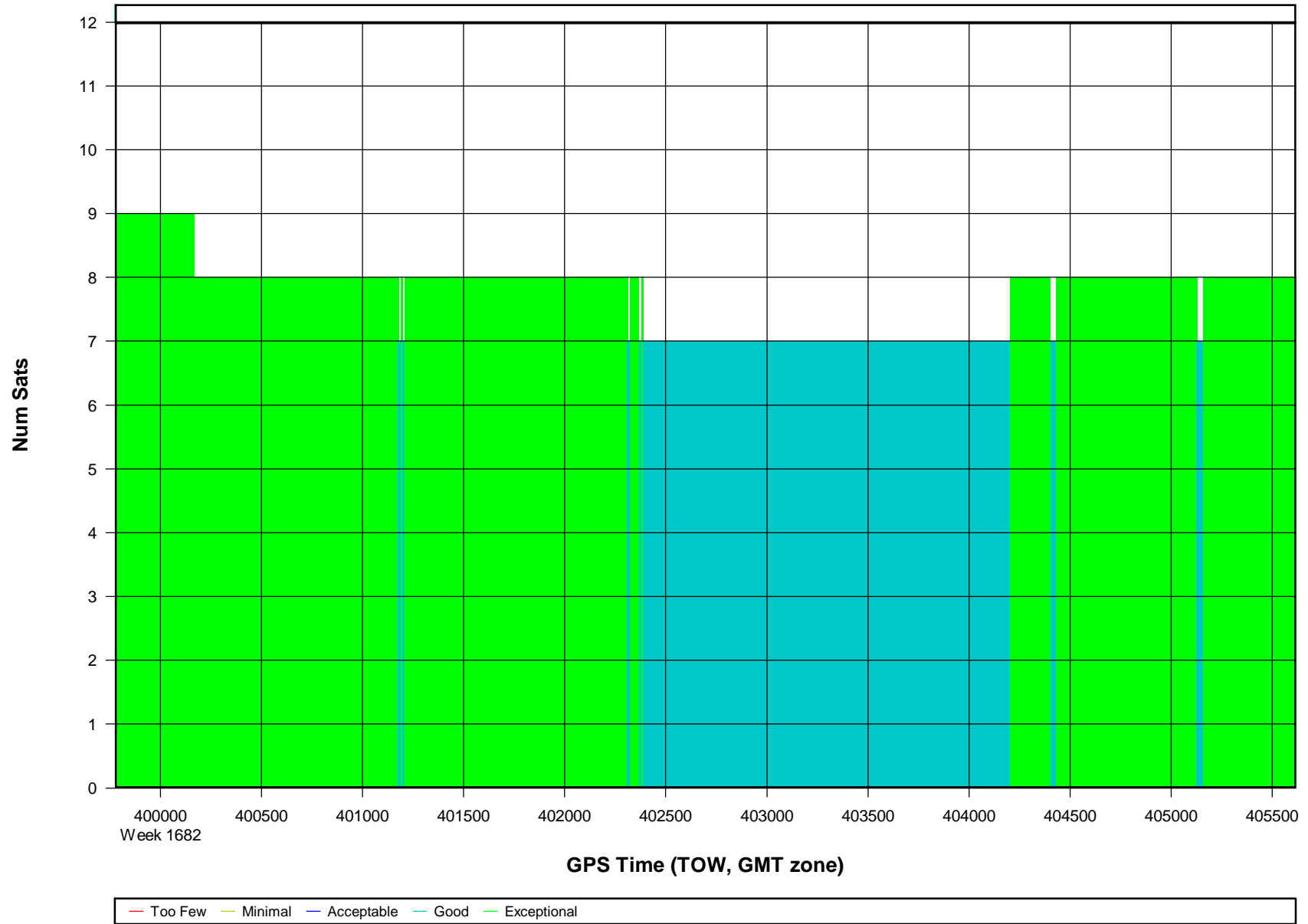
o112096a [Combined] - Forward/Reverse or Combined Separation Plot



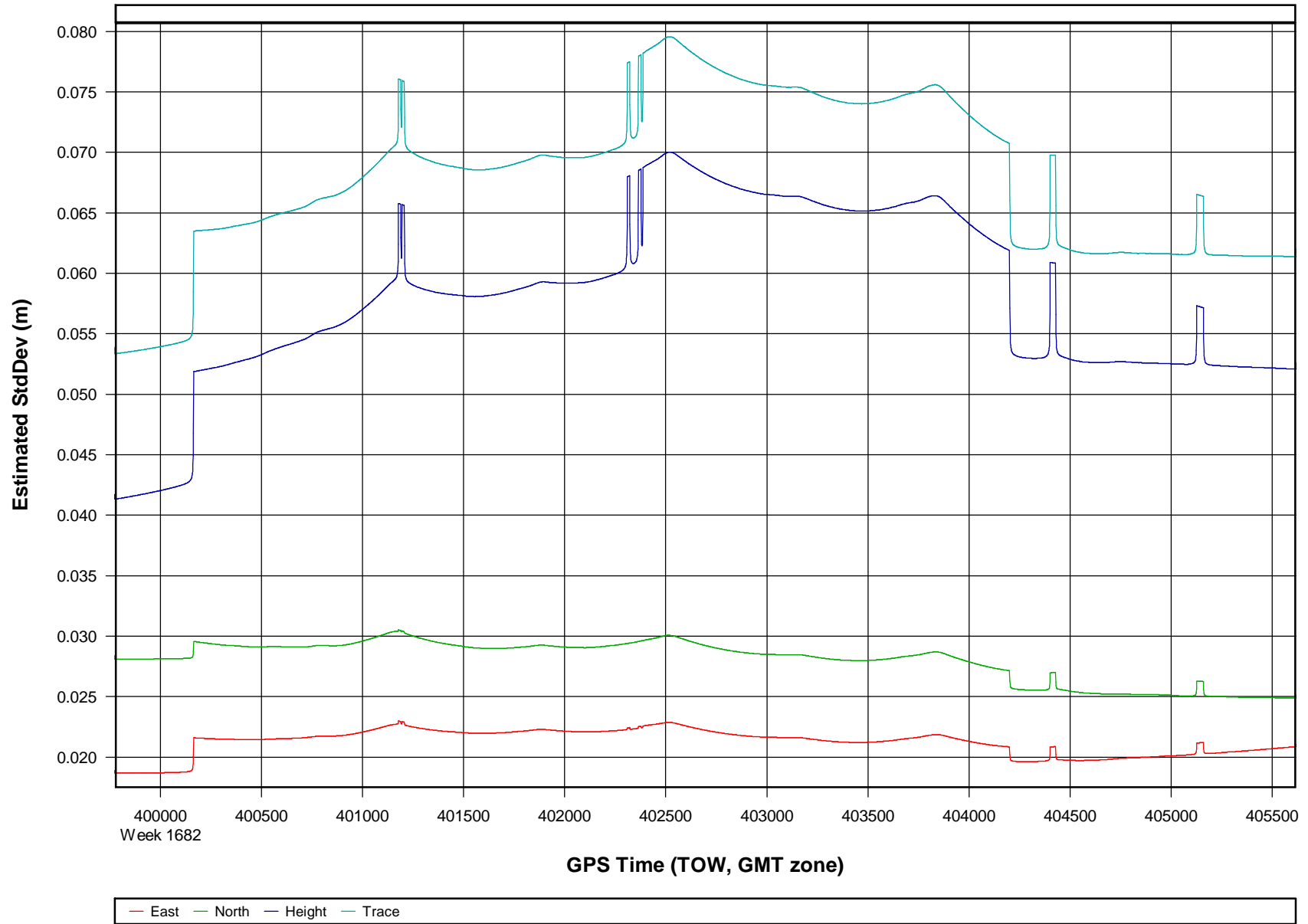
o112096a [Combined] - PDOP, HDOP, VDOP Plots



o112096a [Combined] - Number of Satellites Bar Plot



o112096a [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project: H:\o112096a\3_Processed\GPS\o112096a.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:
Total in GPB file: 58563
No processed position: 52719
Missing Fwd or Rev: 3
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:
L1 Phase: 0.0124 (m)
C/A Code: 0.70 (m)
L1 Doppler: 0.025 (m/s)

Fwd/Rev Separation RMS Values:
East: 0.006 (m)
North: 0.002 (m)
Height: 0.011 (m)

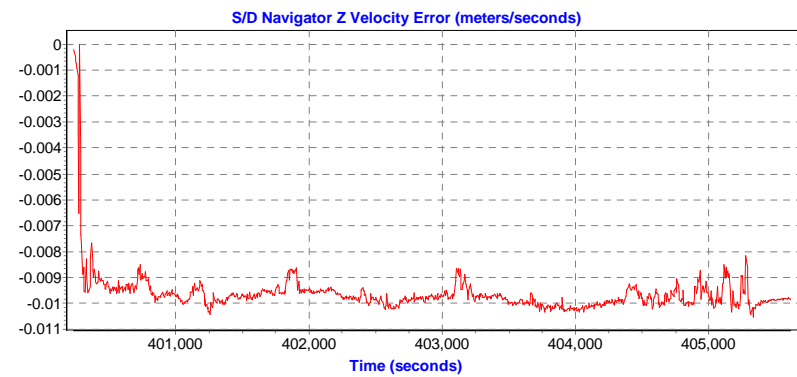
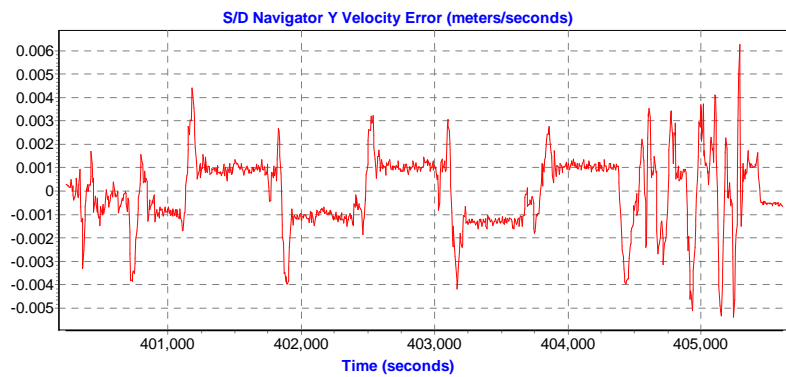
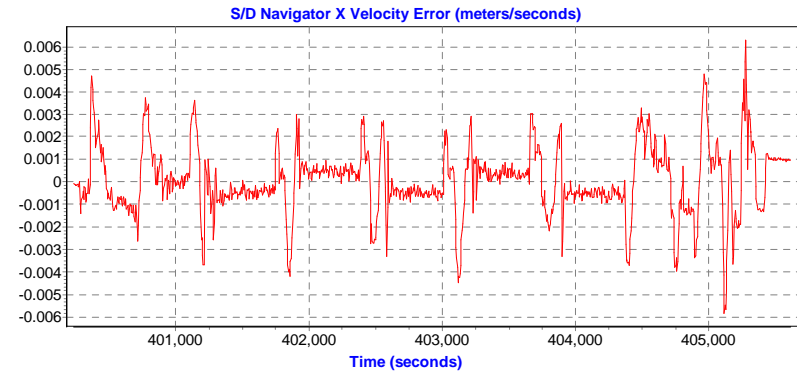
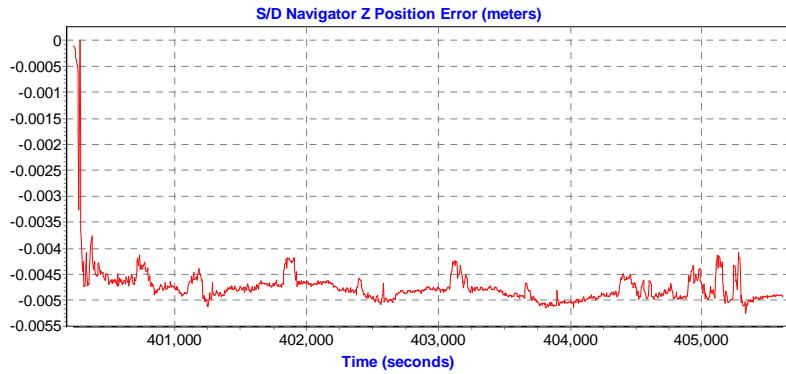
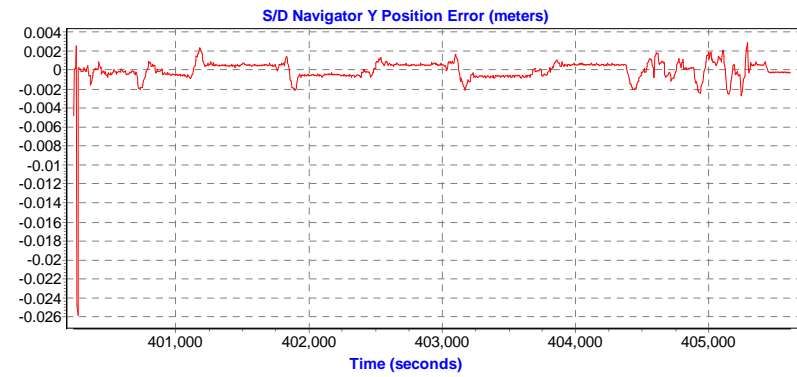
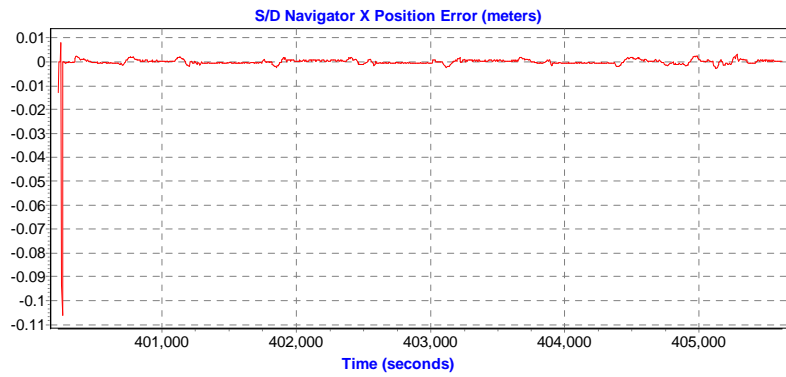
Fwd/Rev Sep. RMS for 25%-75% weighting (5839 occurrences):
East: 0.002 (m)
North: 0.002 (m)
Height: 0.010 (m)

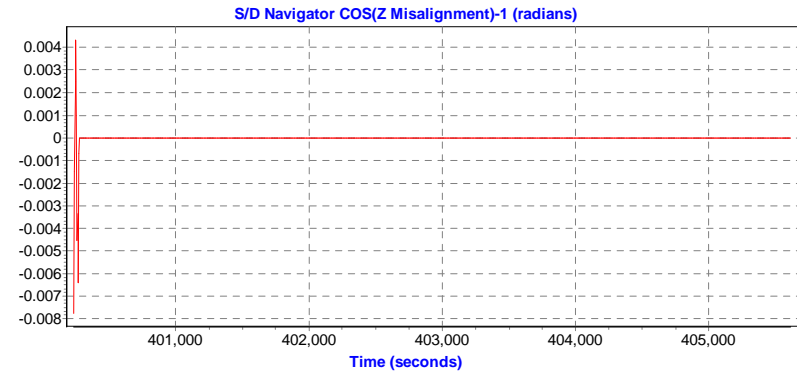
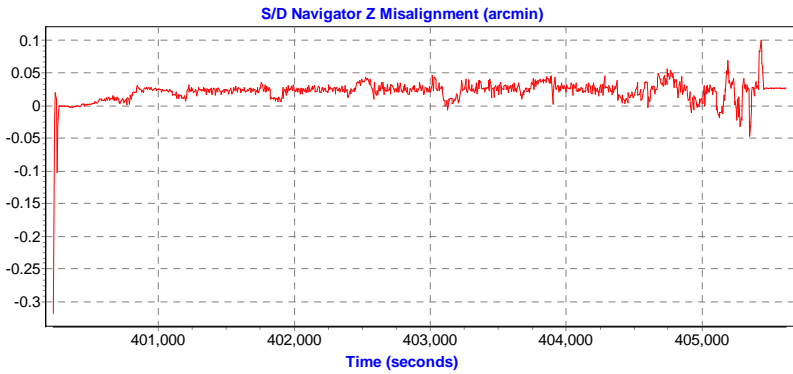
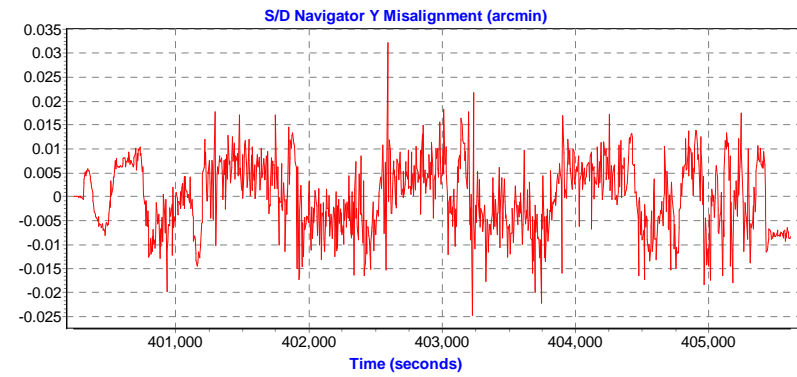
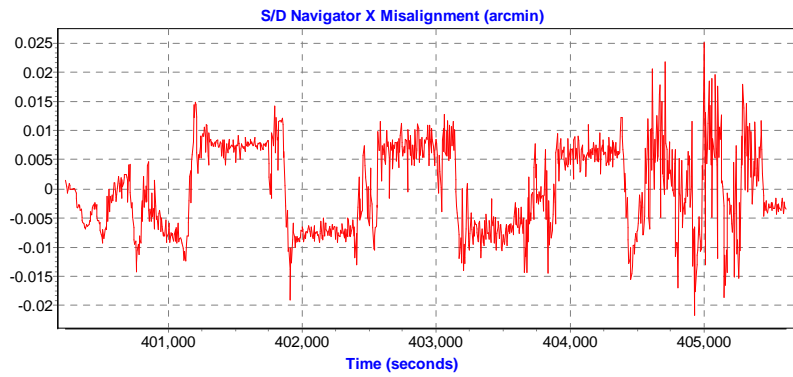
Quality Number Percentages:
Q 1: 99.9 %
Q 2: 0.1 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

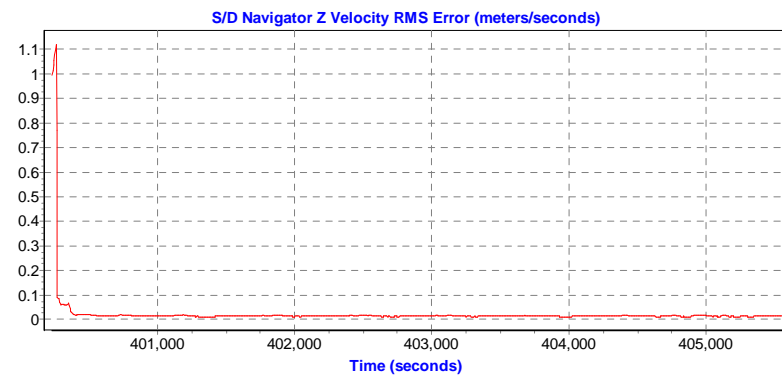
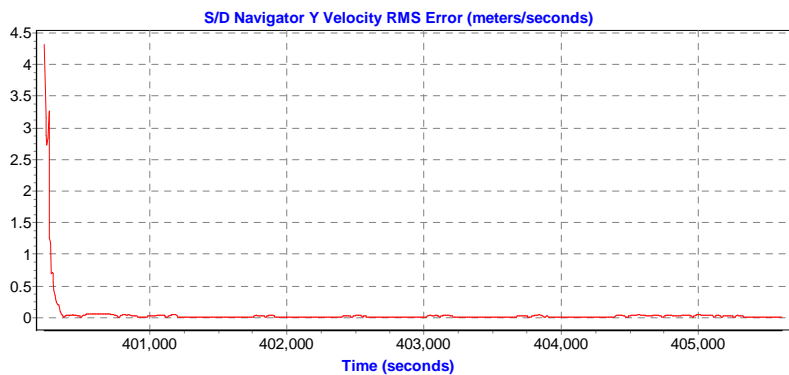
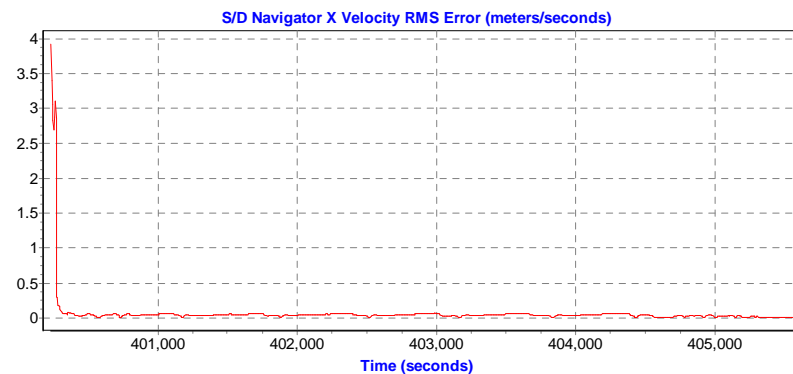
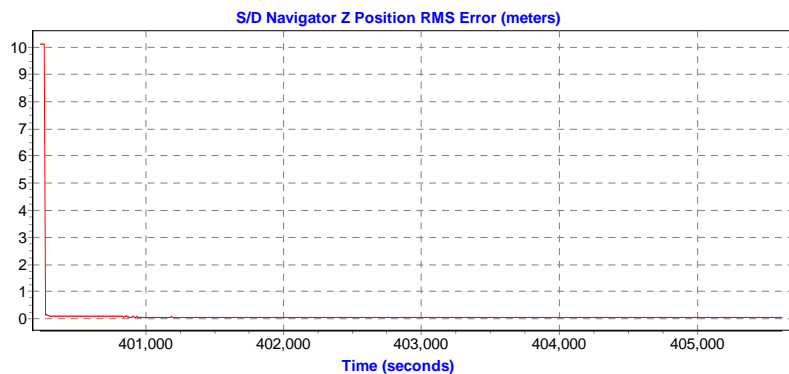
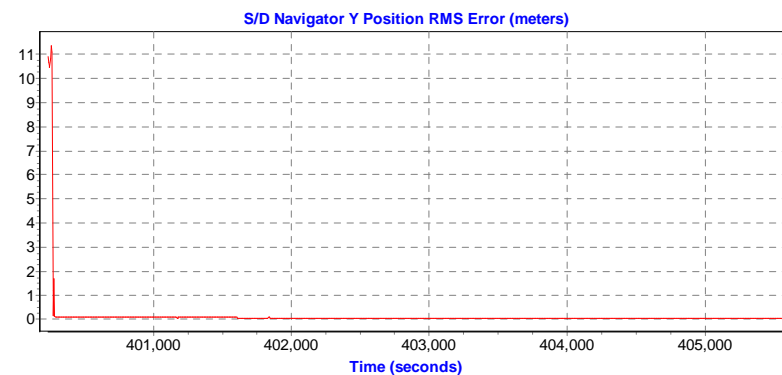
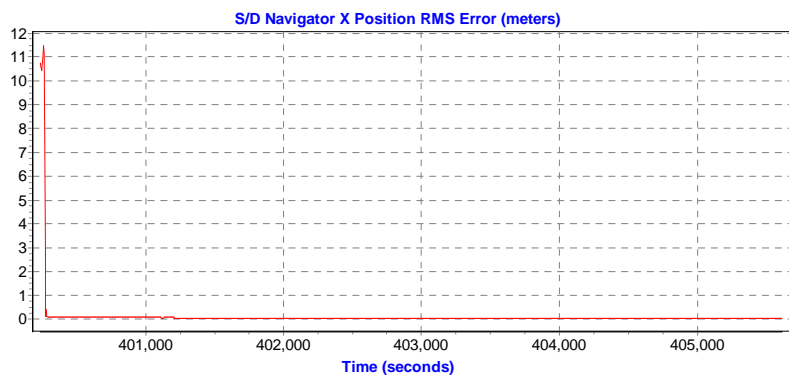
Position Standard Deviation Percentages:
0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

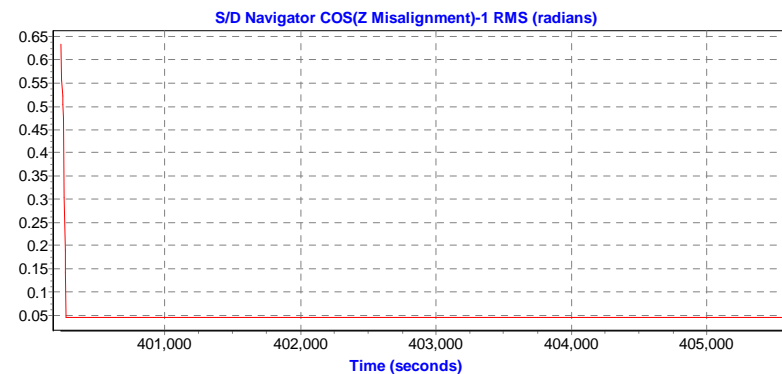
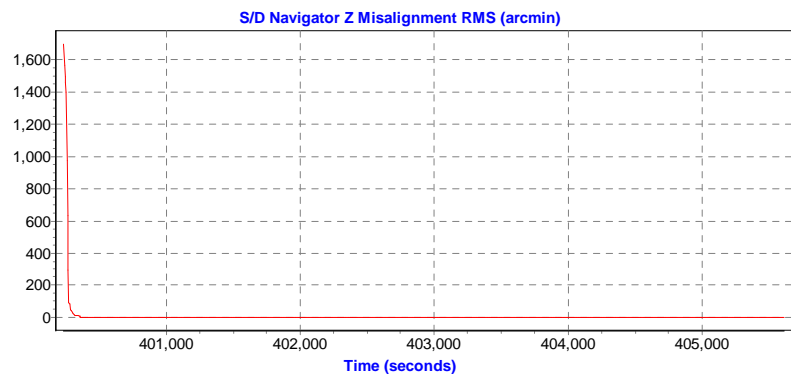
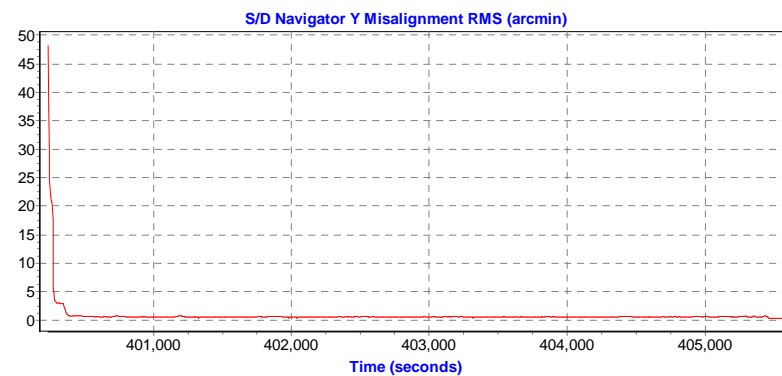
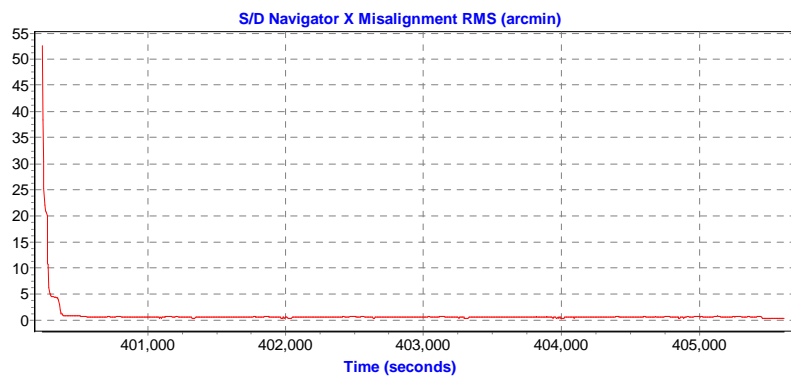
Percentages of epochs with DD_DOP over 10.00:
DOP over Tol: 0.0 %

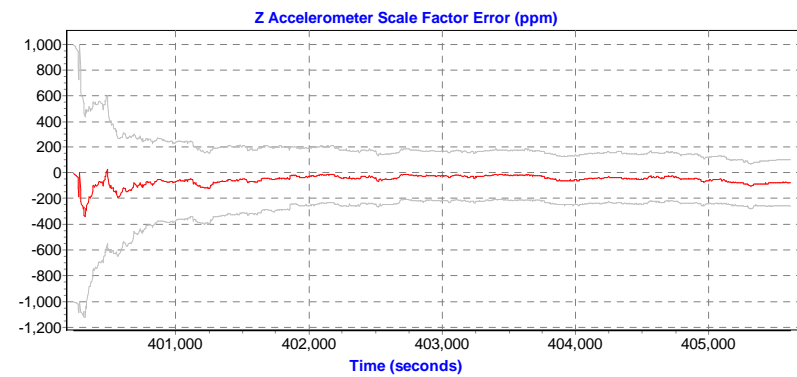
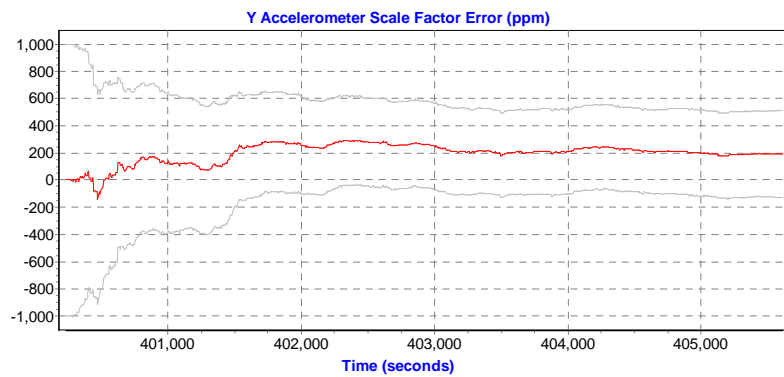
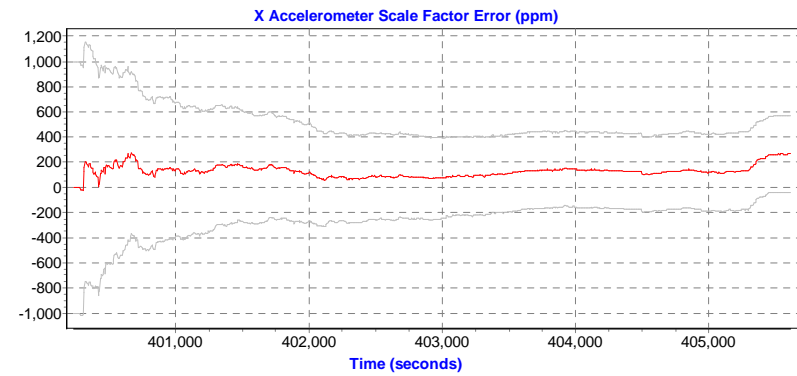
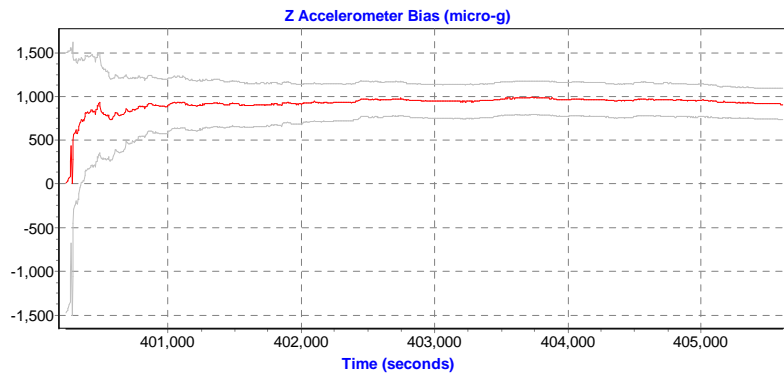
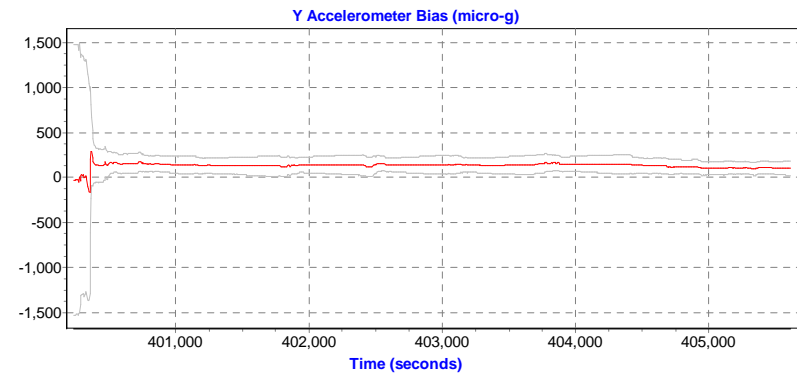
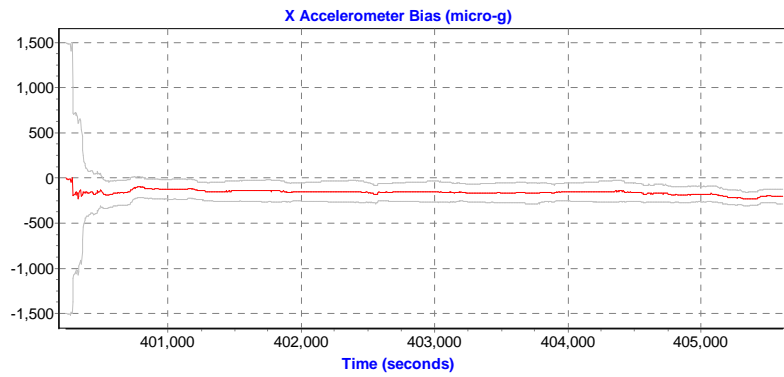
Baseline Distances:
Maximum: 41.352 (km)
Minimum: 0.042 (km)
Average: 13.593 (km)
First Epoch: 1.007 (km)
Last Epoch: 0.579 (km)

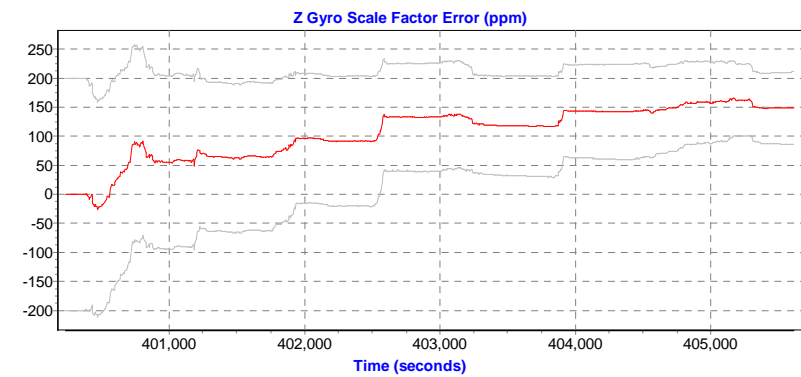
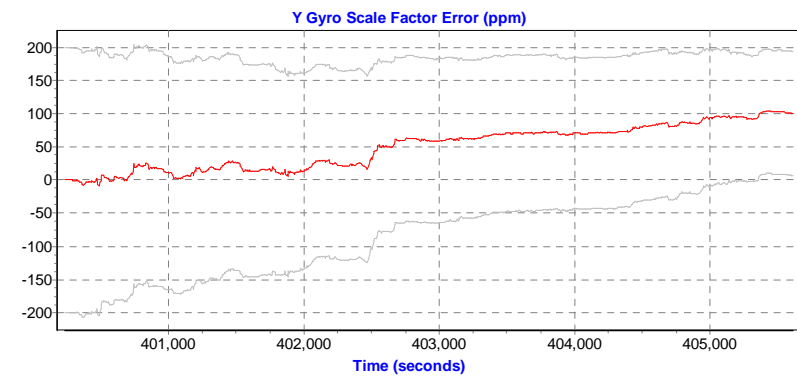
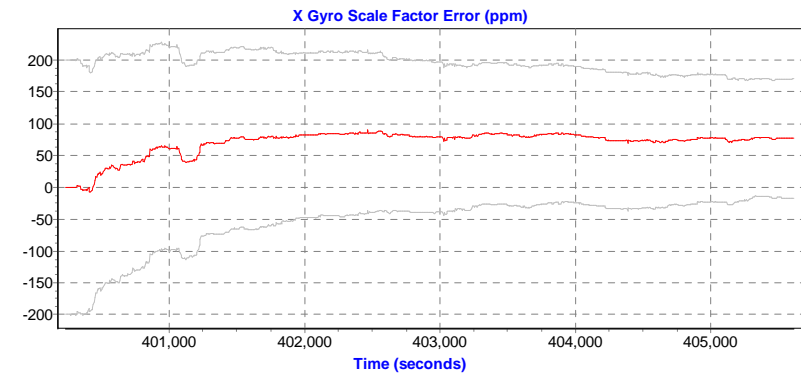
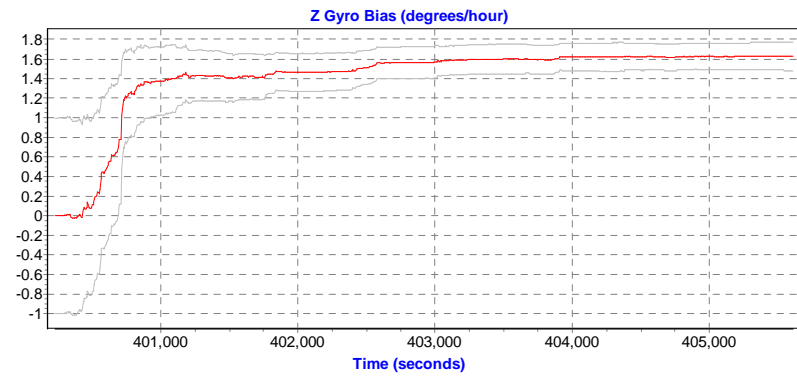
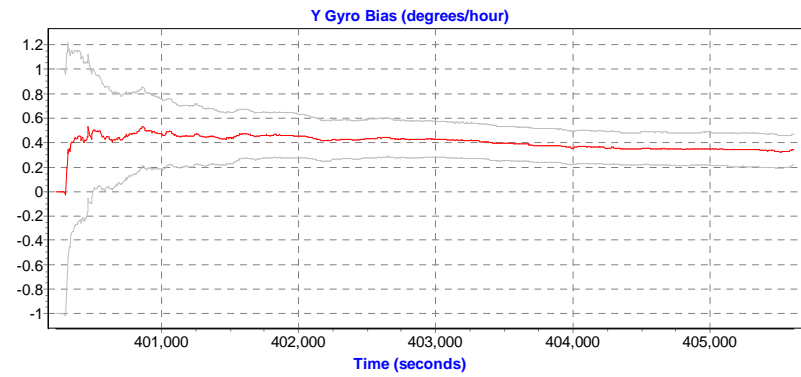
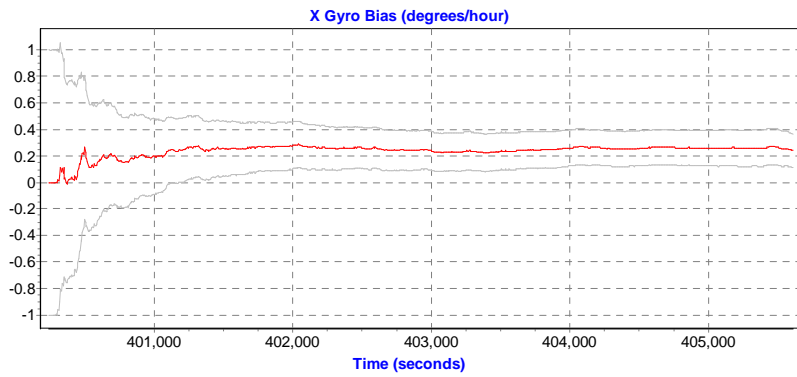


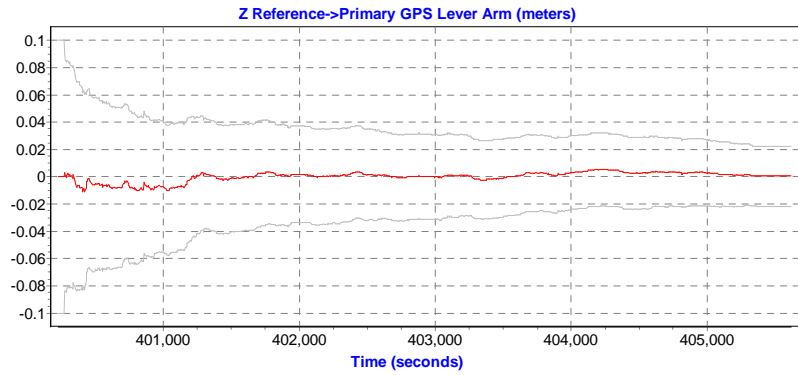
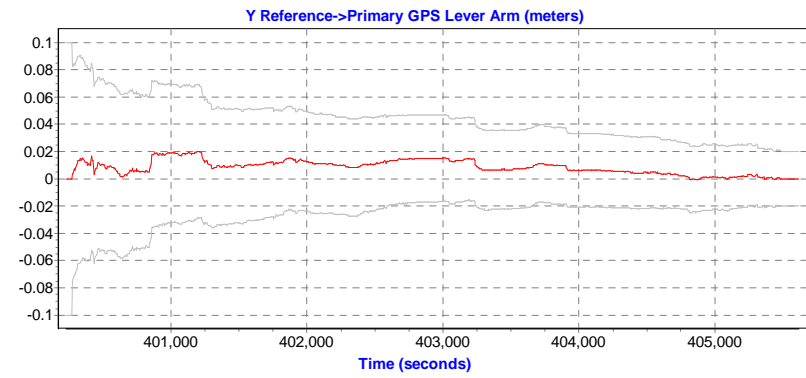
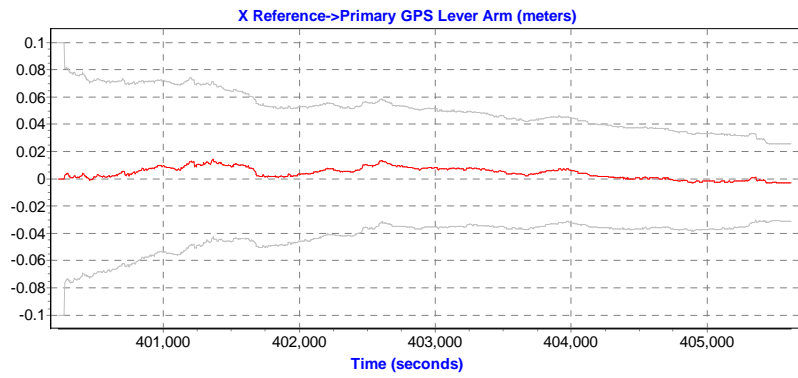






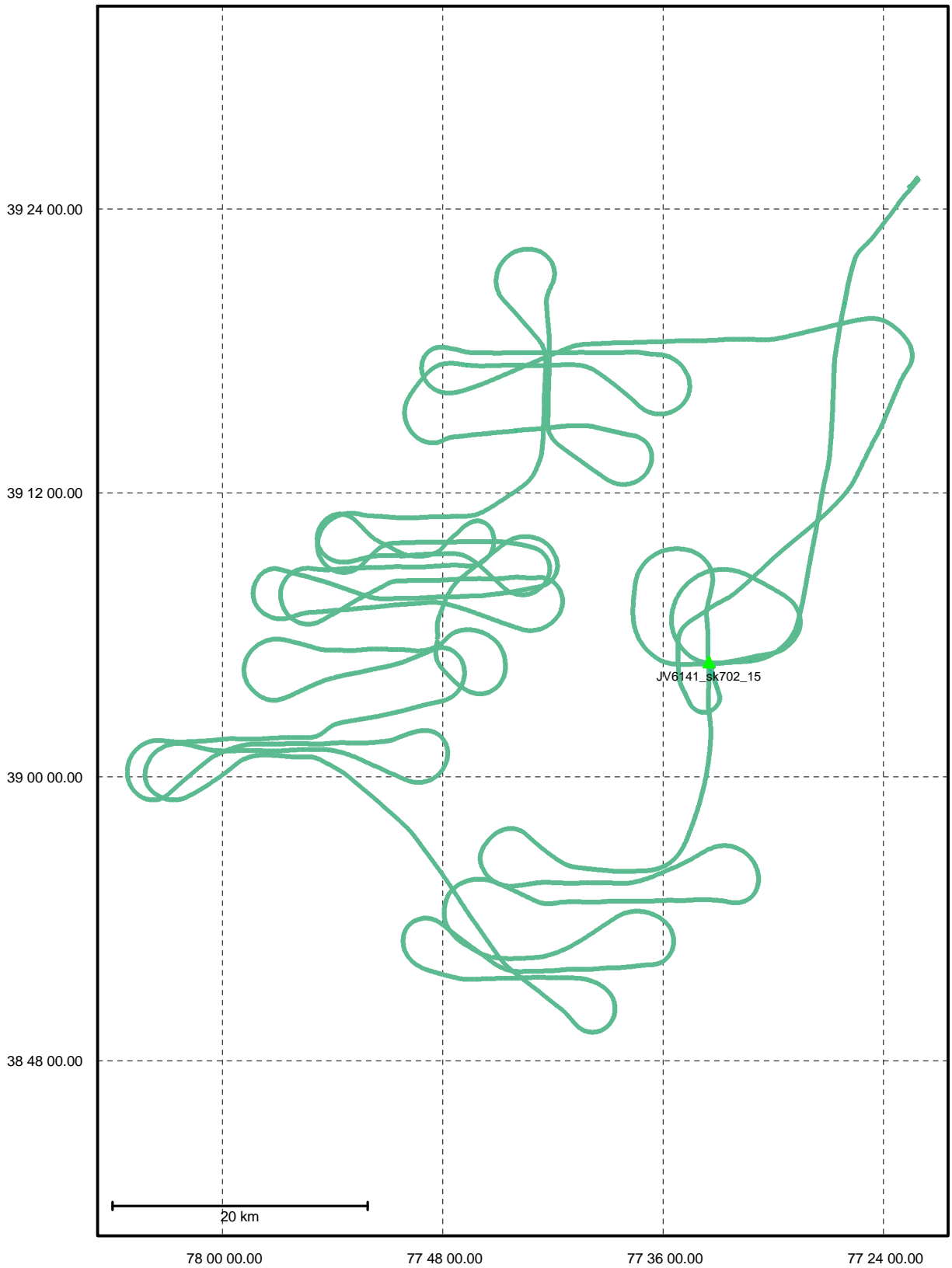






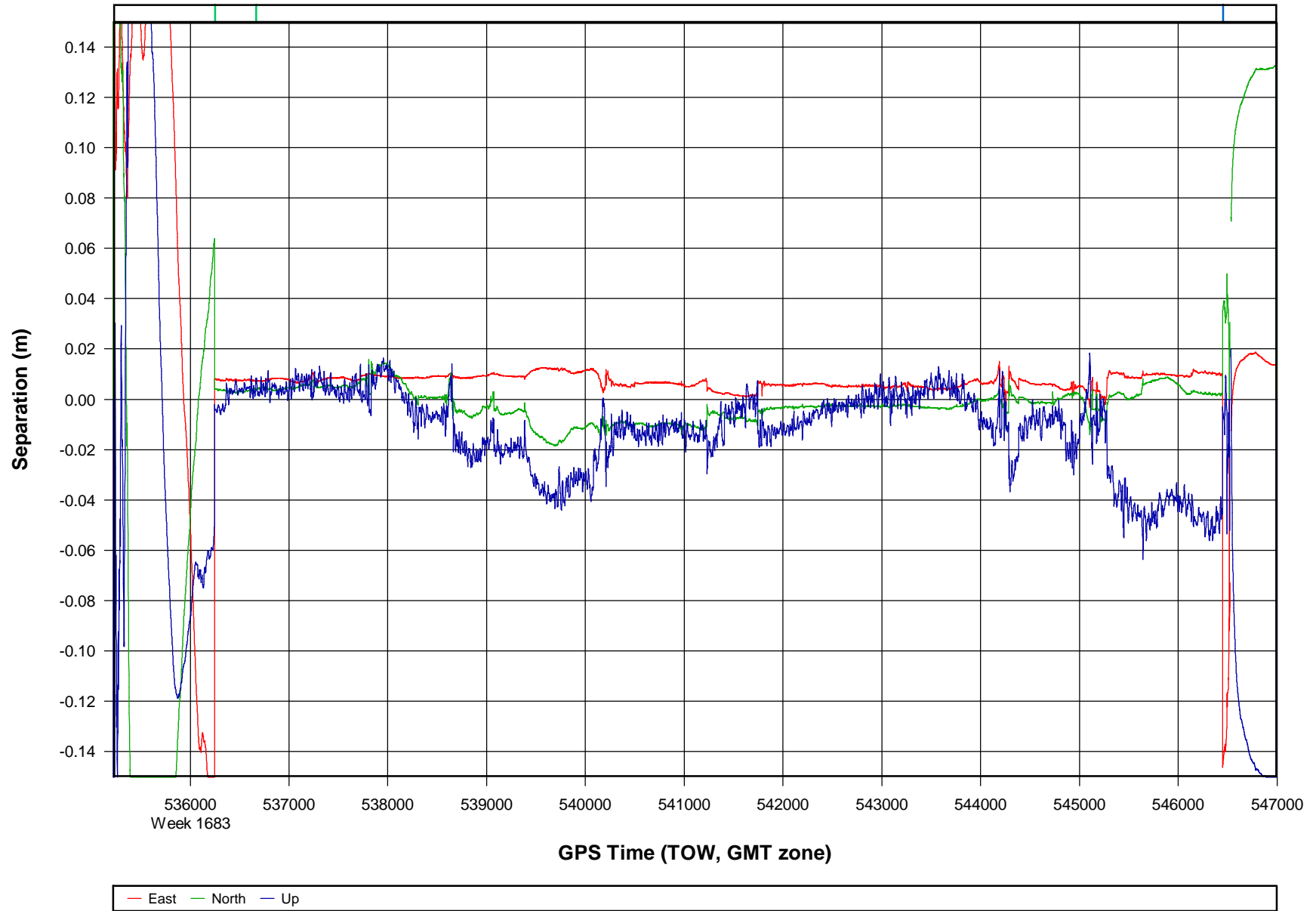
Combined - Map Run (6)

Geographic, DMS

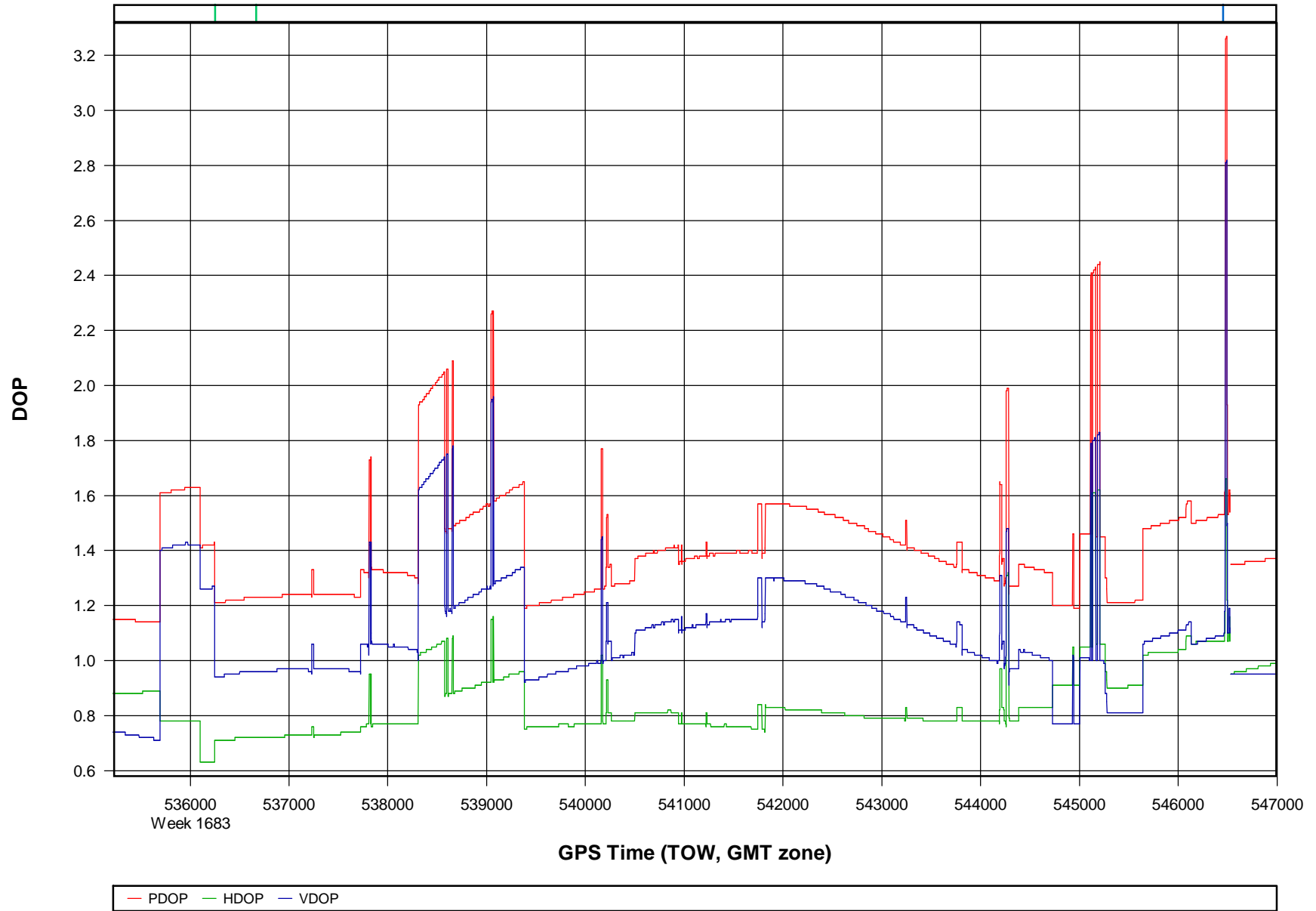


- + Ukn
- + Q1
- + Q2
- + Q3
- + Q4
- + Q5
- + Q6
- ▲ Master

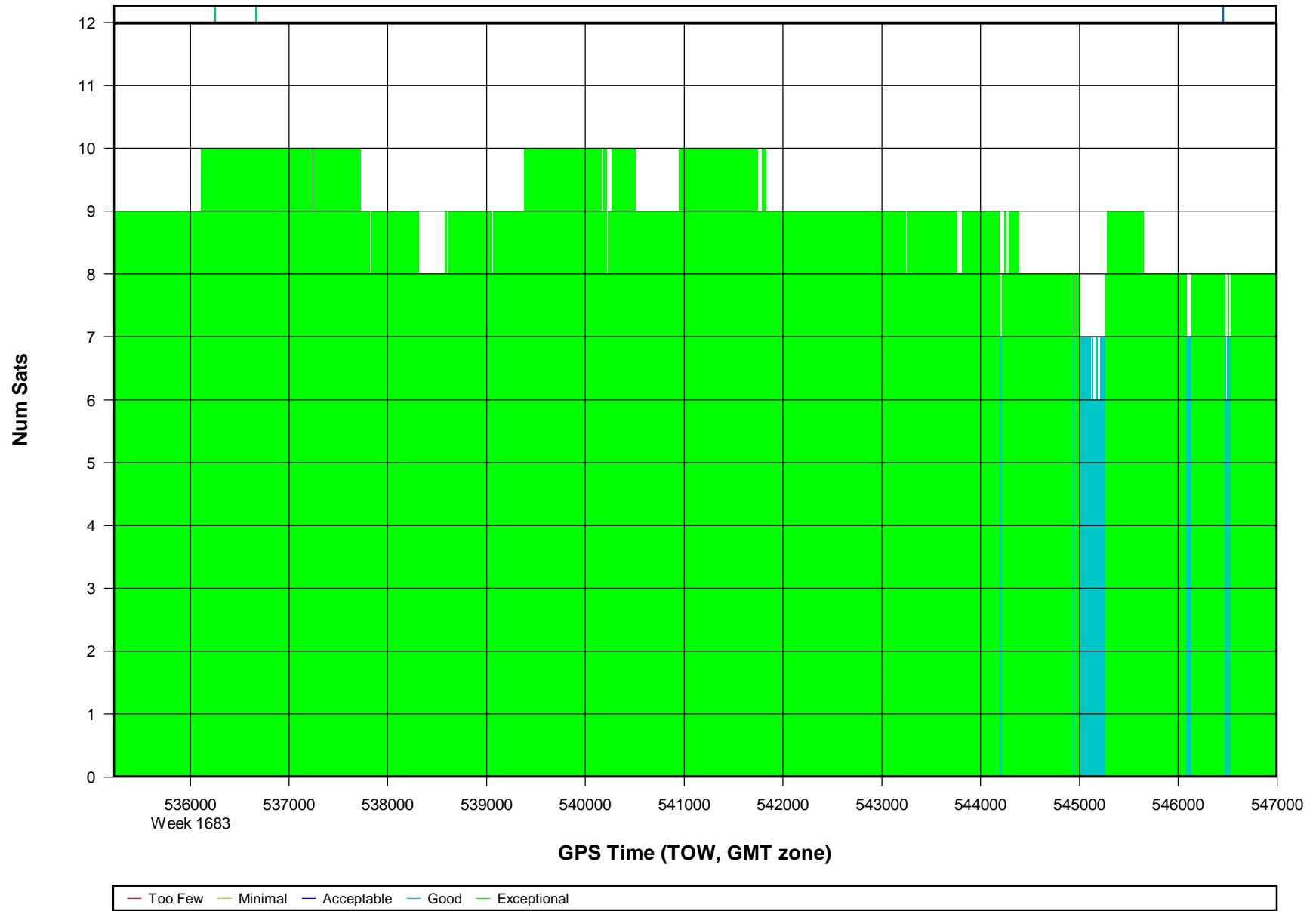
o112104c [Combined] - Forward/Reverse or Combined Separation Plot



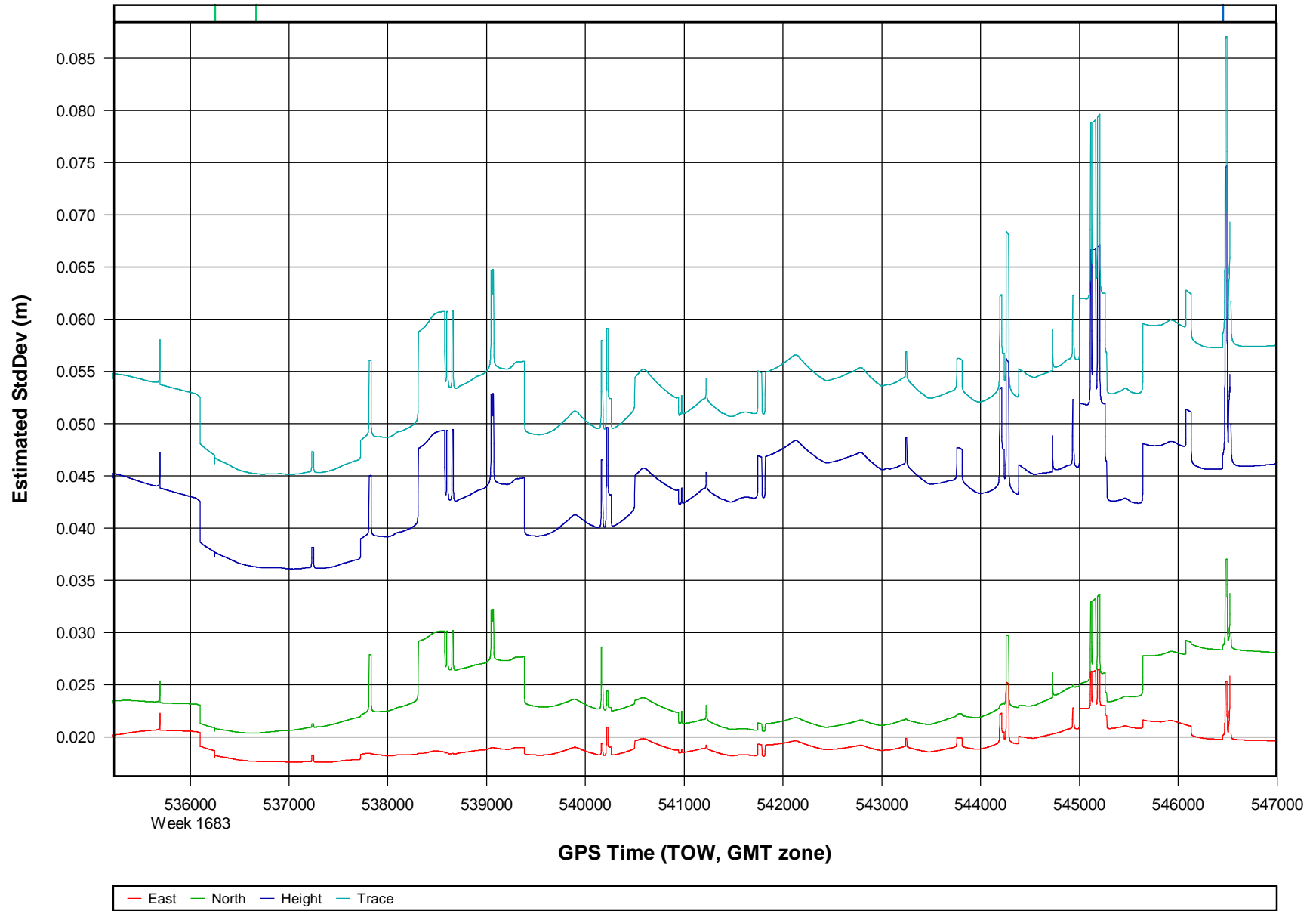
o112104c [Combined] - PDOP, HDOP, VDOP Plots



o112104c [Combined] - Number of Satellites Bar Plot



o112104c [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project: H:\o112104c\3_Processed\GPS\o112104c.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:

Total in GPB file:	117959
No processed position:	106195
Missing Fwd or Rev:	4
With bad C/A code:	0
With bad L1 Phase:	0

Measurement RMS Values:

L1 Phase:	0.0166 (m)
C/A Code:	0.68 (m)
L1 Doppler:	0.028 (m/s)

Fwd/Rev Separation RMS Values:

East:	0.043 (m)
North:	0.061 (m)
Height:	0.056 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (10730 occurrences):

East:	0.013 (m)
North:	0.027 (m)
Height:	0.034 (m)

Quality Number Percentages:

Q 1:	99.6 %
Q 2:	0.4 %
Q 3:	0.0 %
Q 4:	0.0 %
Q 5:	0.0 %
Q 6:	0.0 %

Position Standard Deviation Percentages:

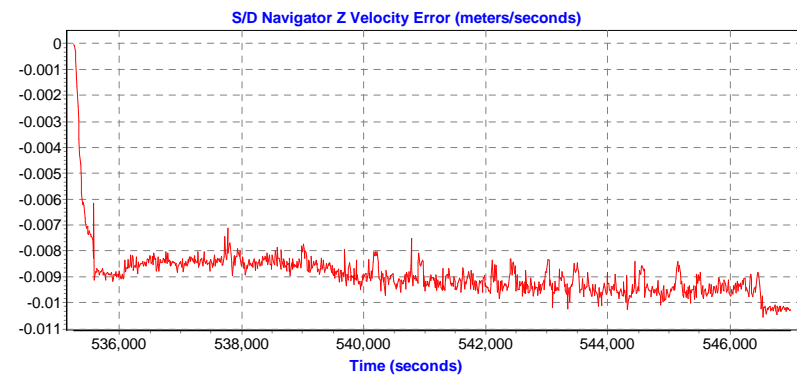
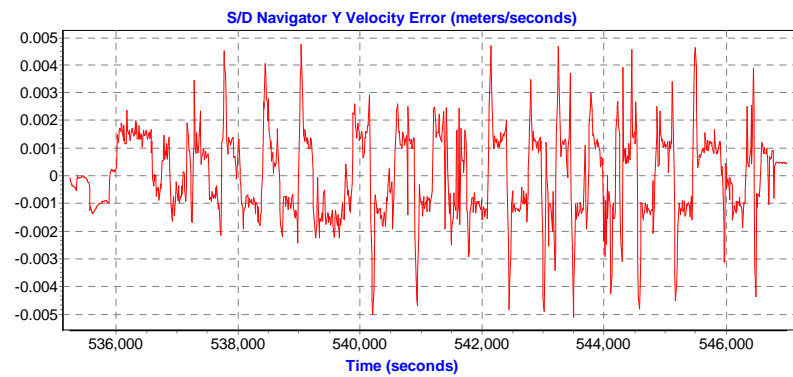
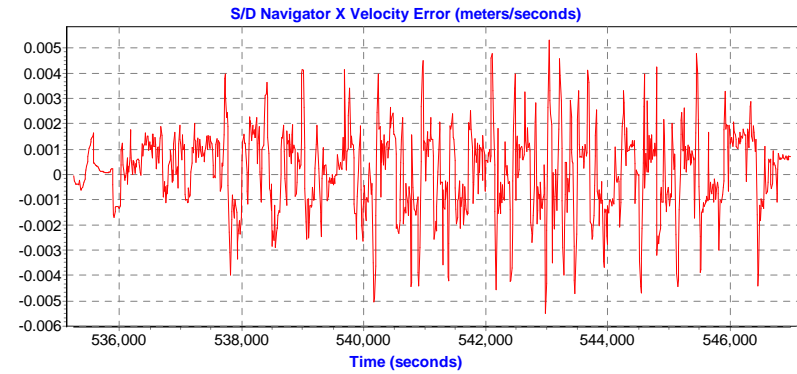
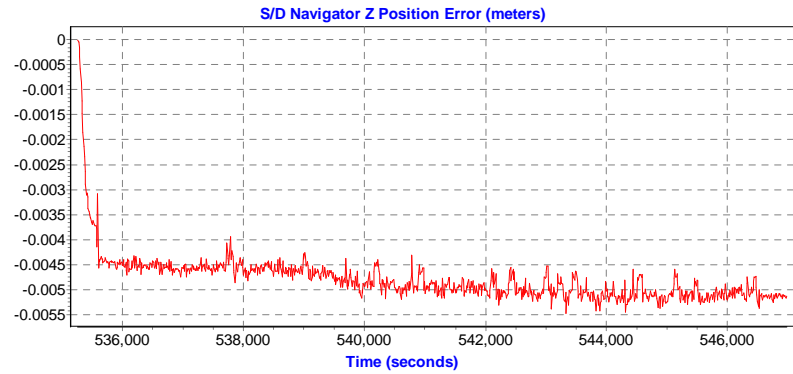
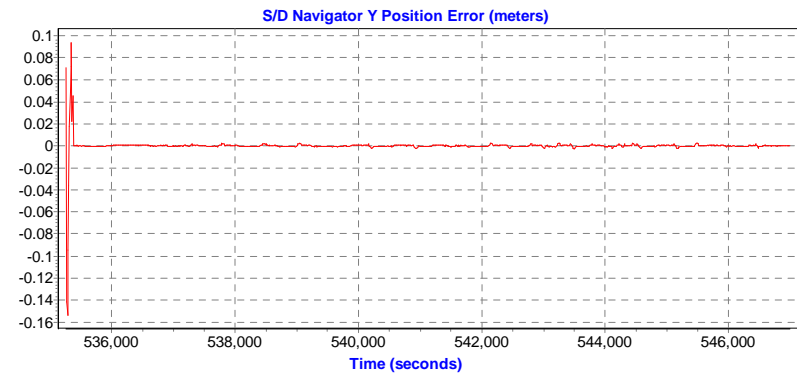
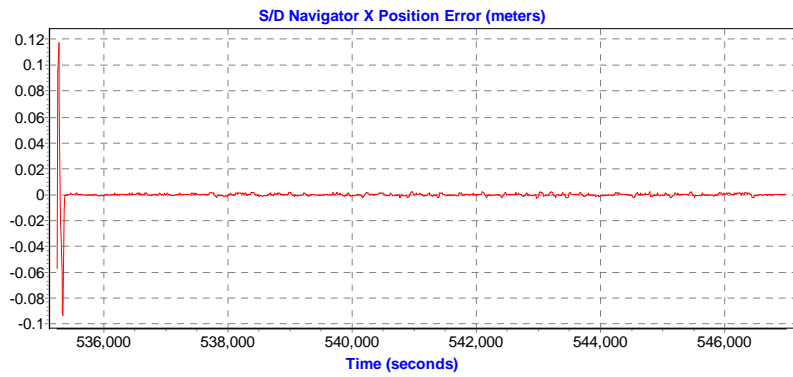
0.00 - 0.10 m:	100.0 %
0.10 - 0.30 m:	0.0 %
0.30 - 1.00 m:	0.0 %
1.00 - 5.00 m:	0.0 %
5.00 m + over:	0.0 %

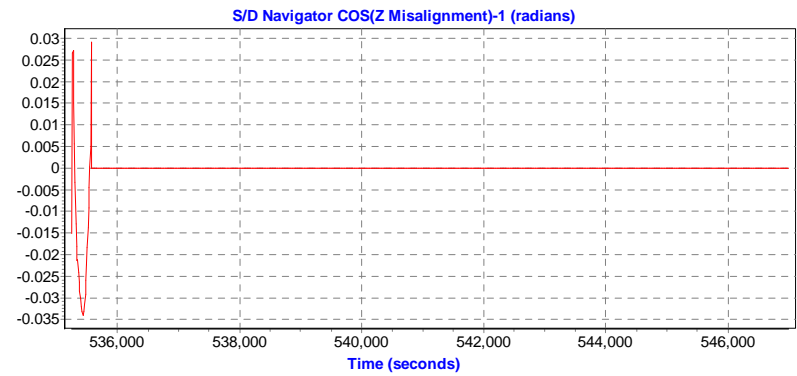
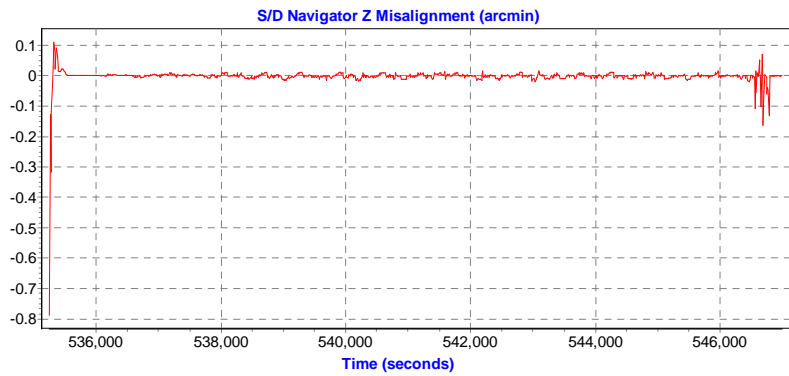
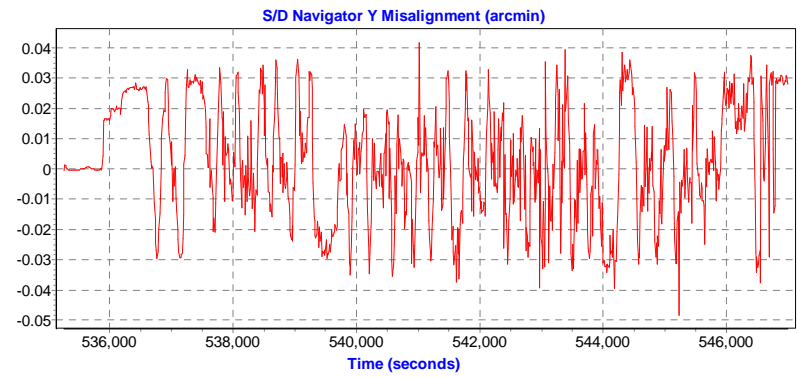
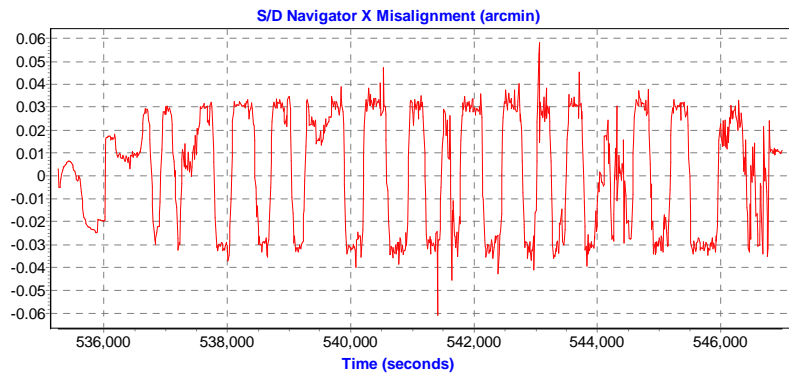
Percentages of epochs with DD_DOP over 10.00:

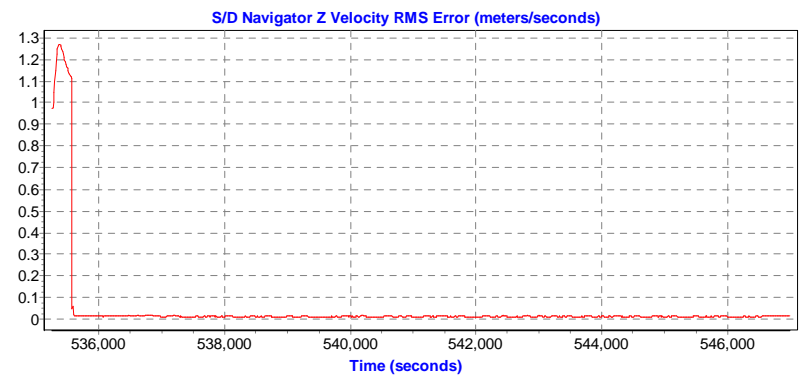
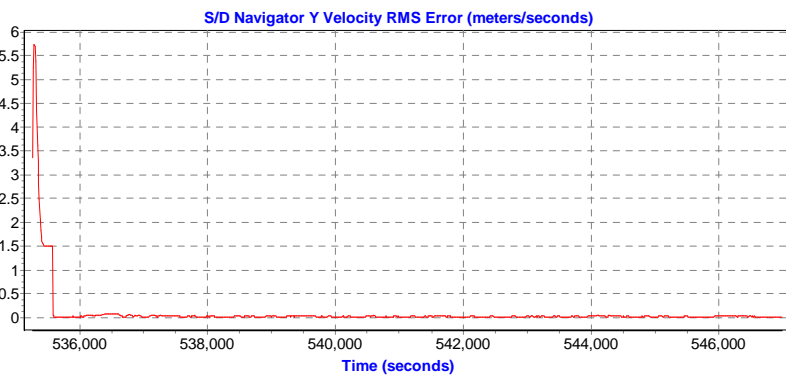
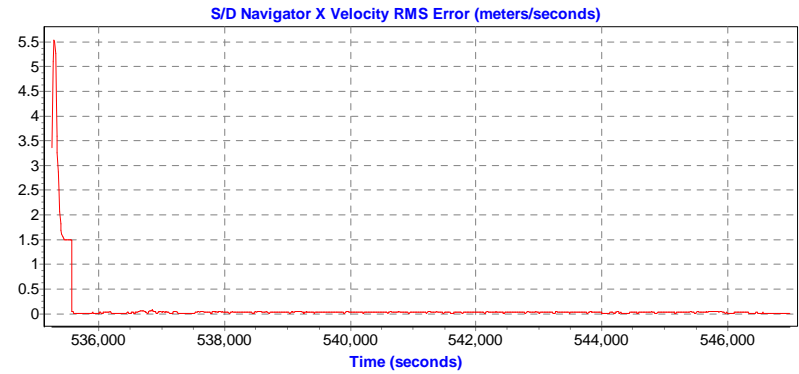
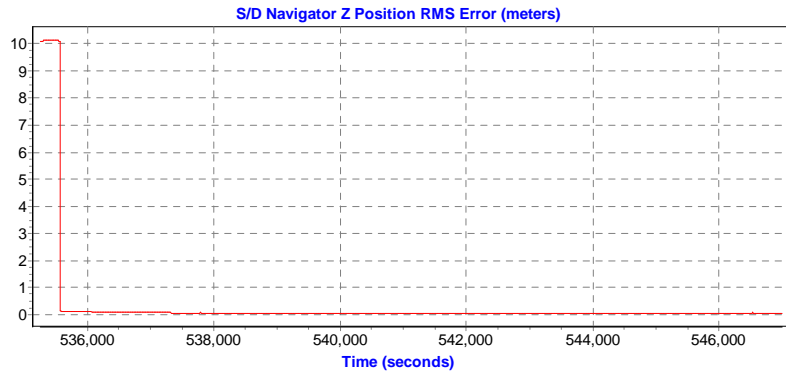
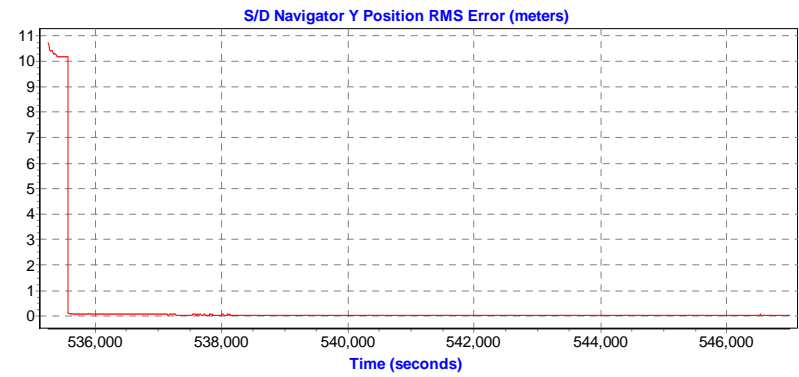
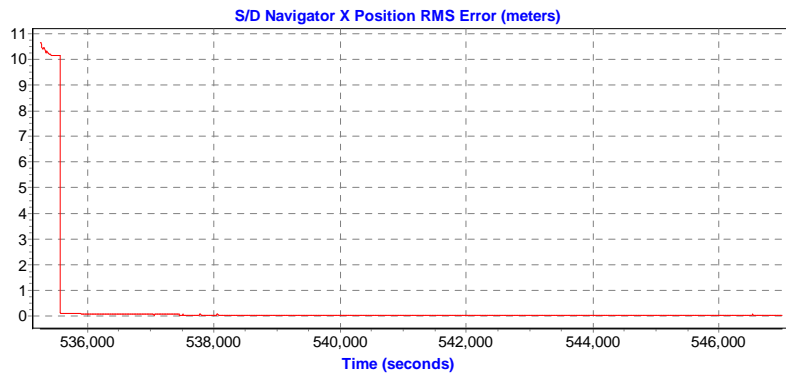
DOP over Tol:	0.0 %
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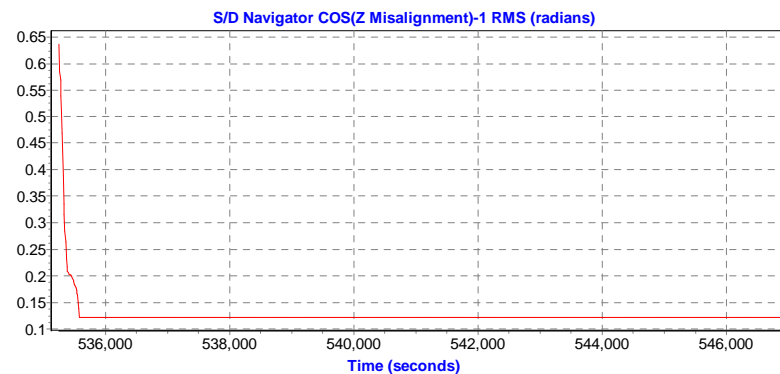
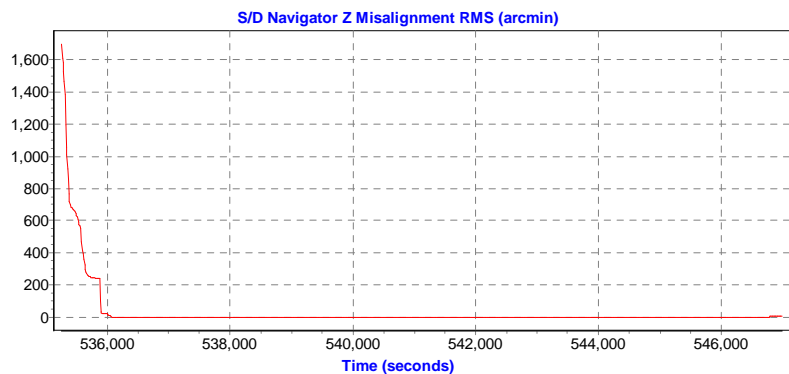
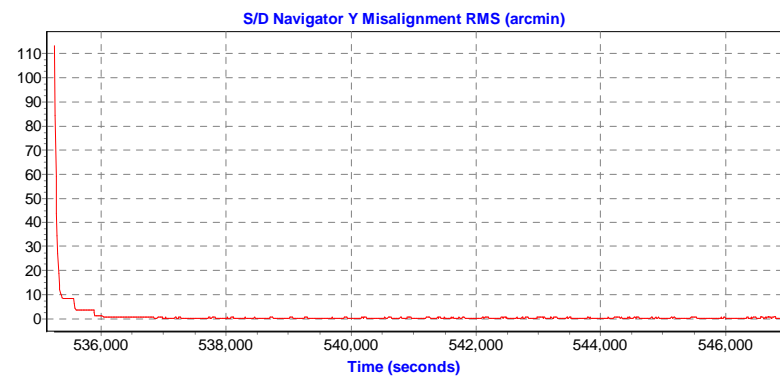
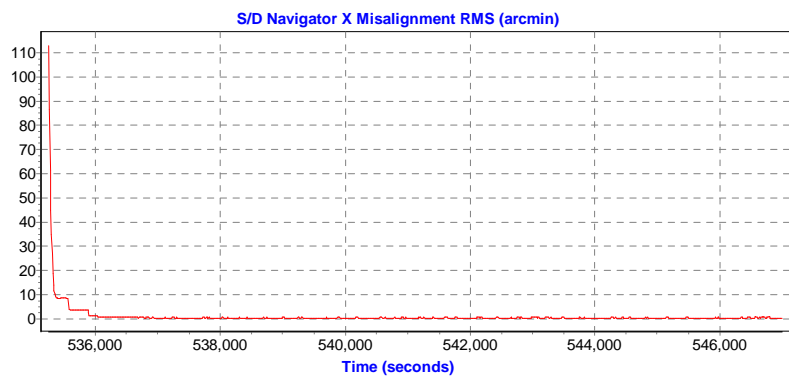
Baseline Distances:

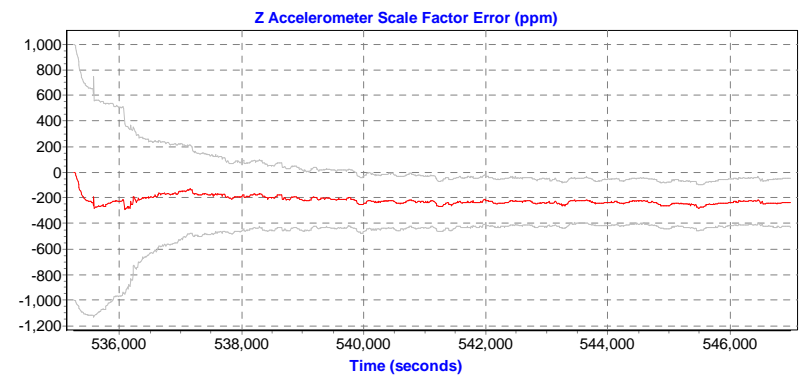
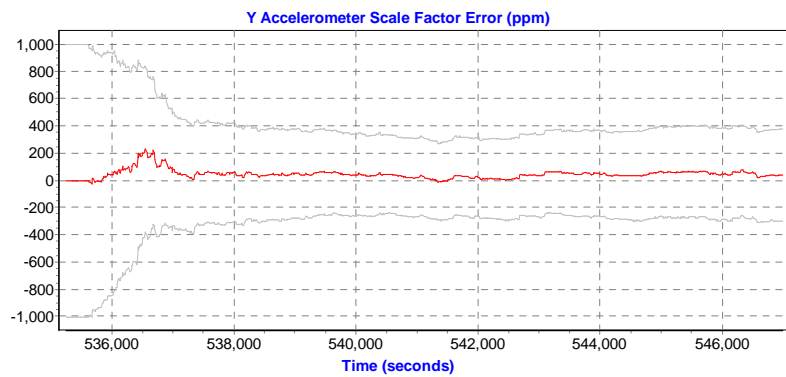
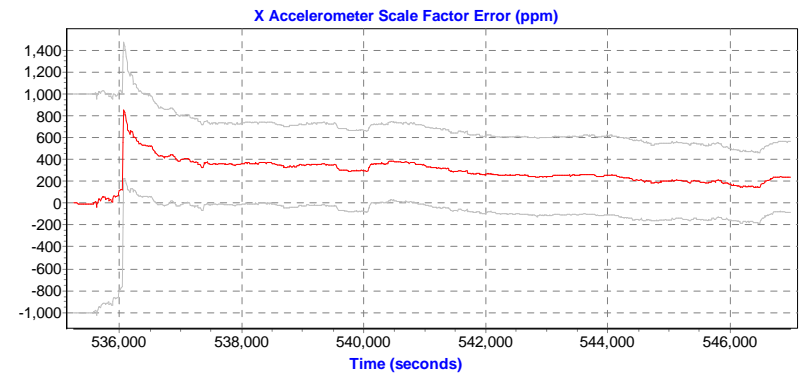
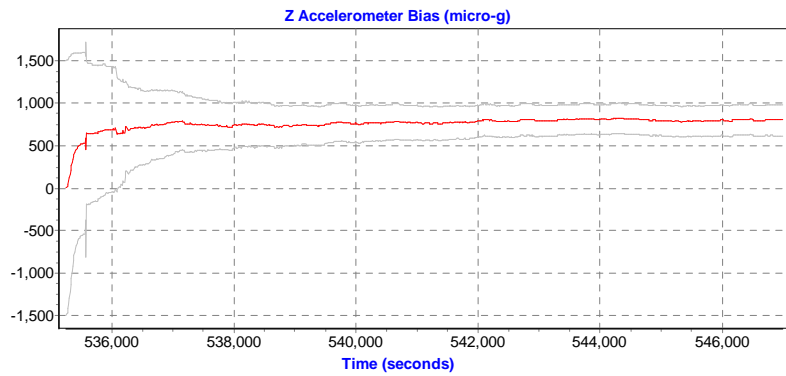
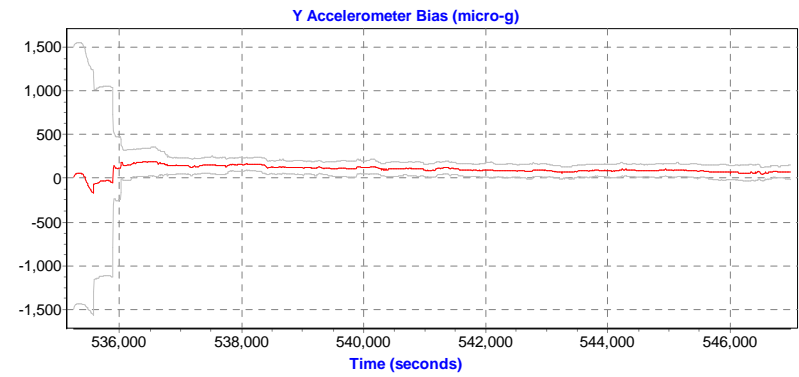
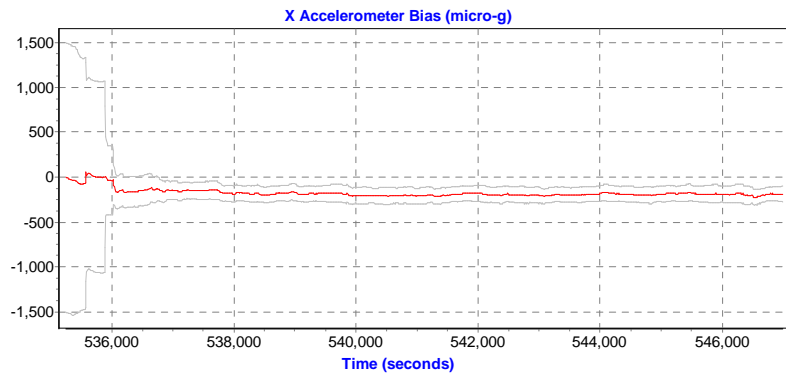
Maximum:	46.561 (km)
Minimum:	0.037 (km)
Average:	23.905 (km)
First Epoch:	40.326 (km)
Last Epoch:	0.517 (km)

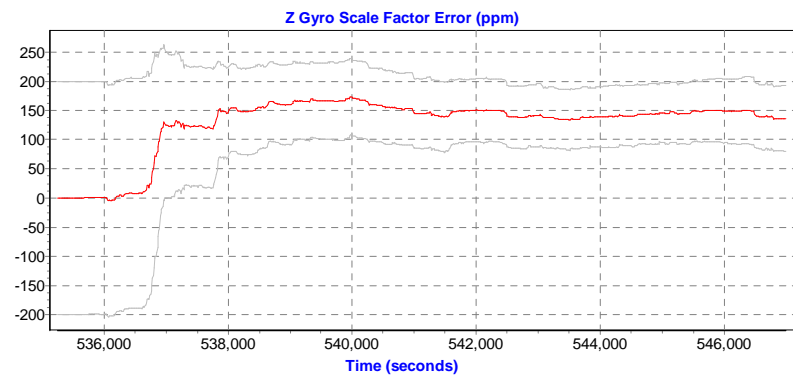
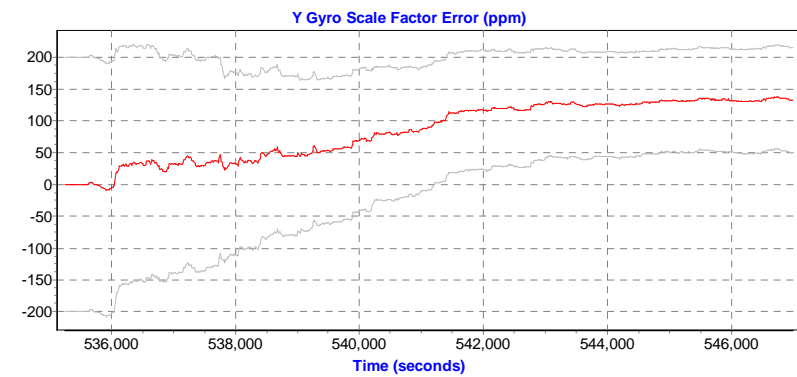
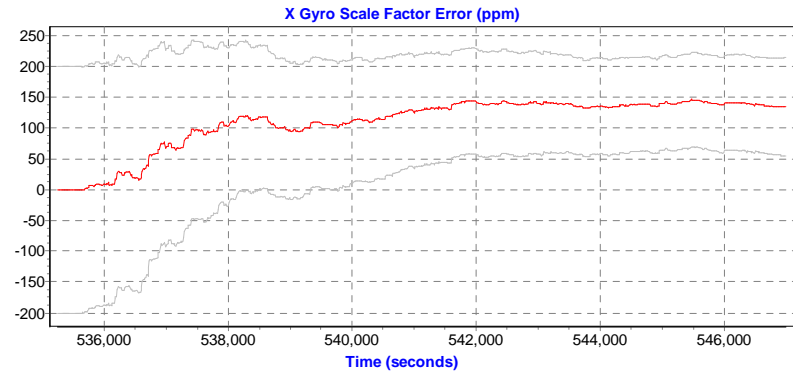
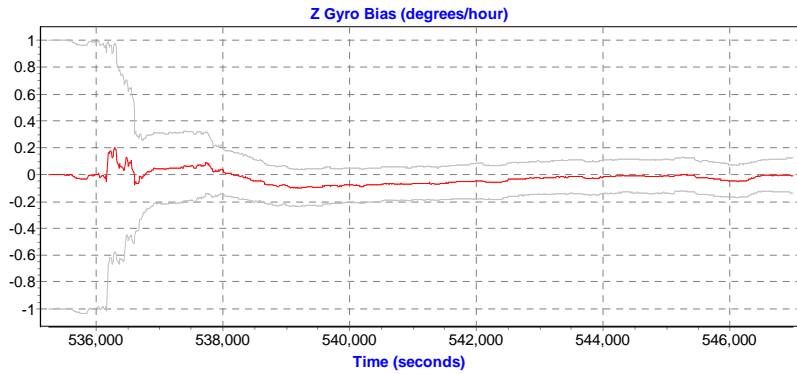
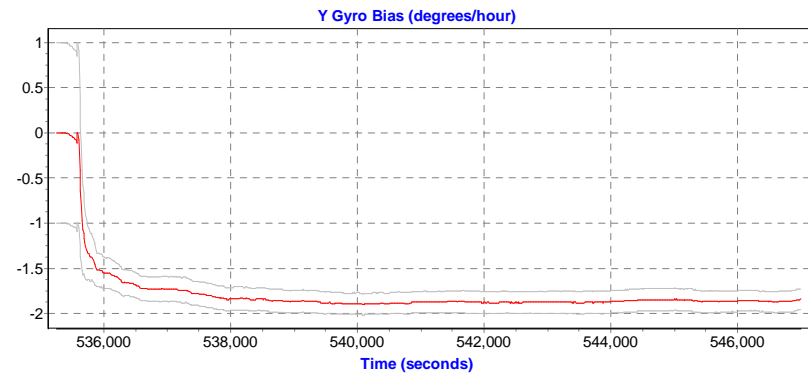
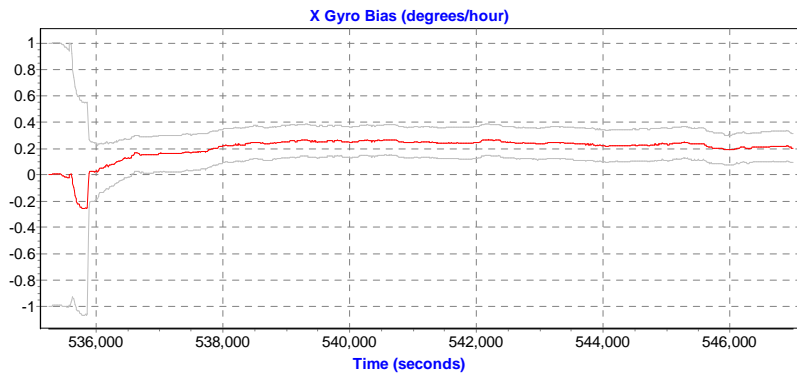


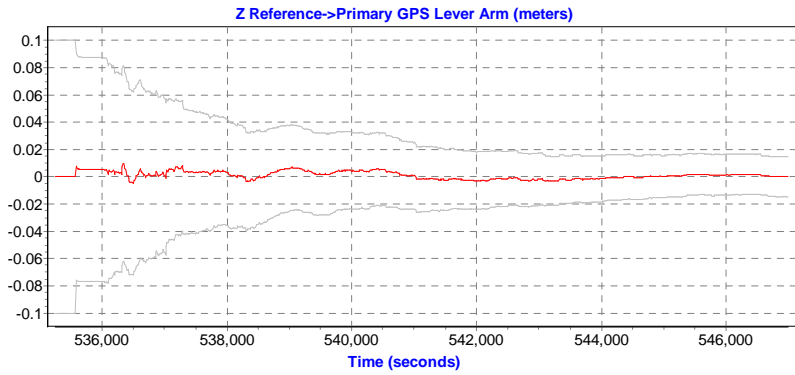
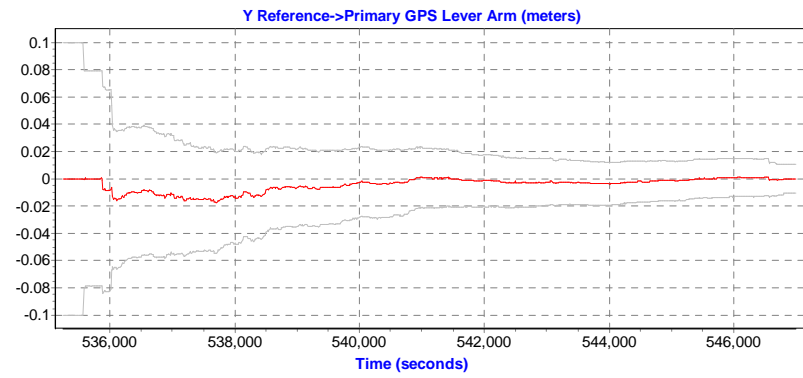
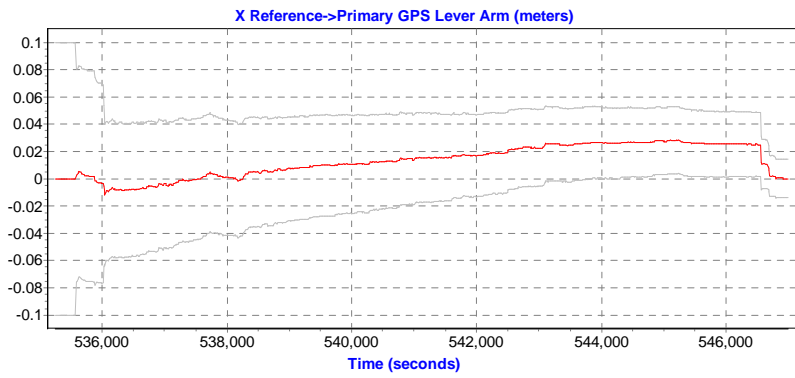






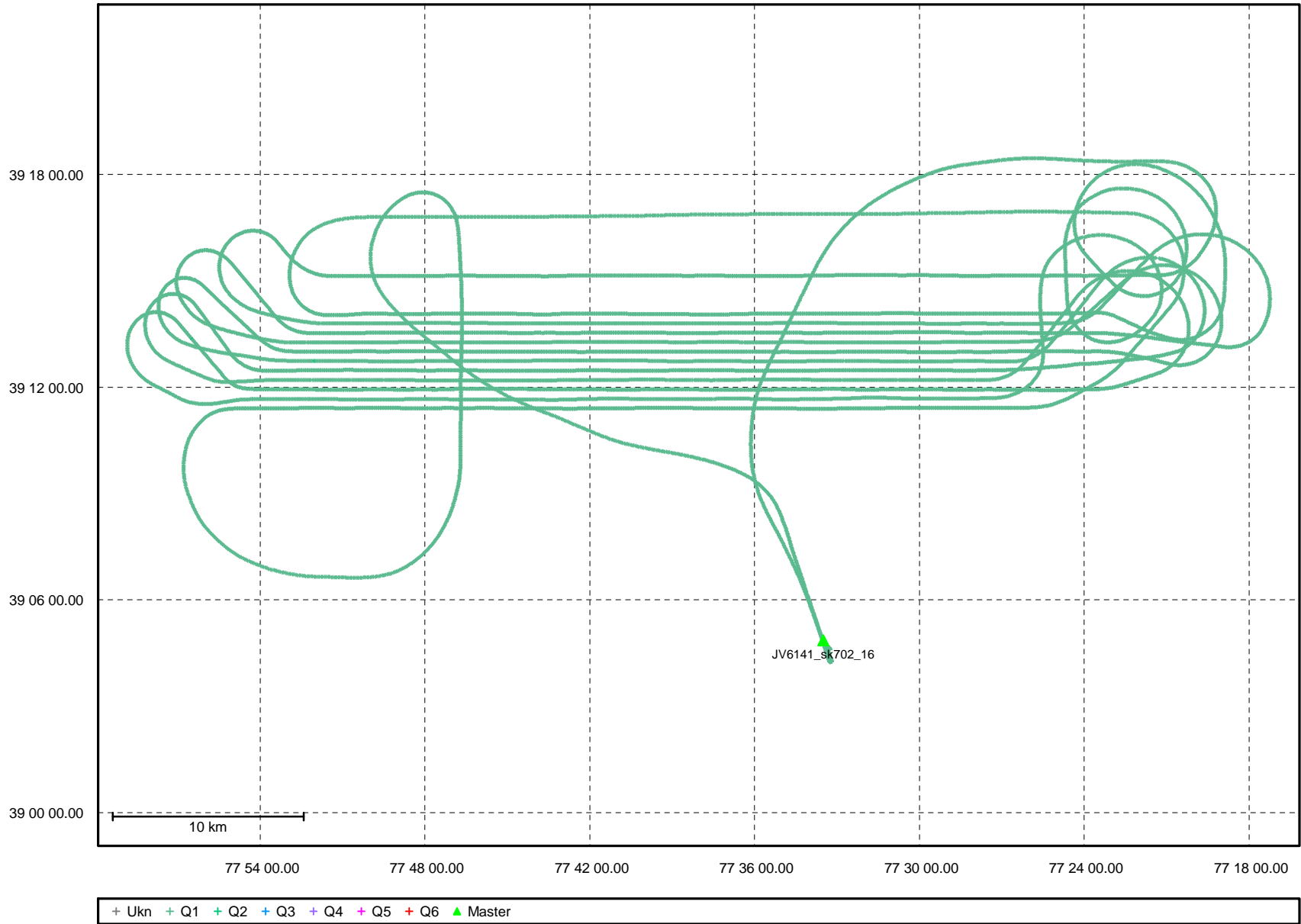




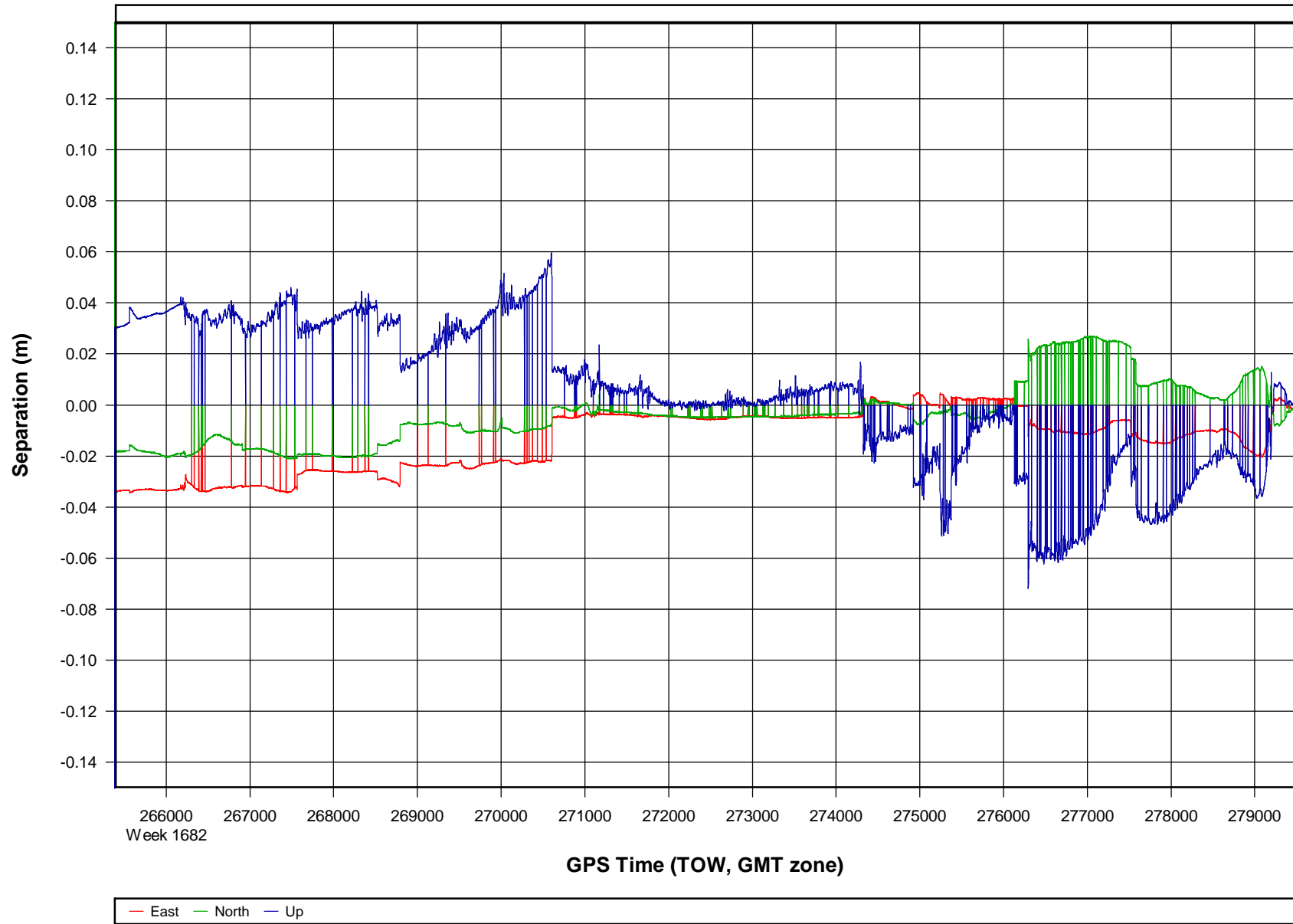


Combined - Map Run (2)

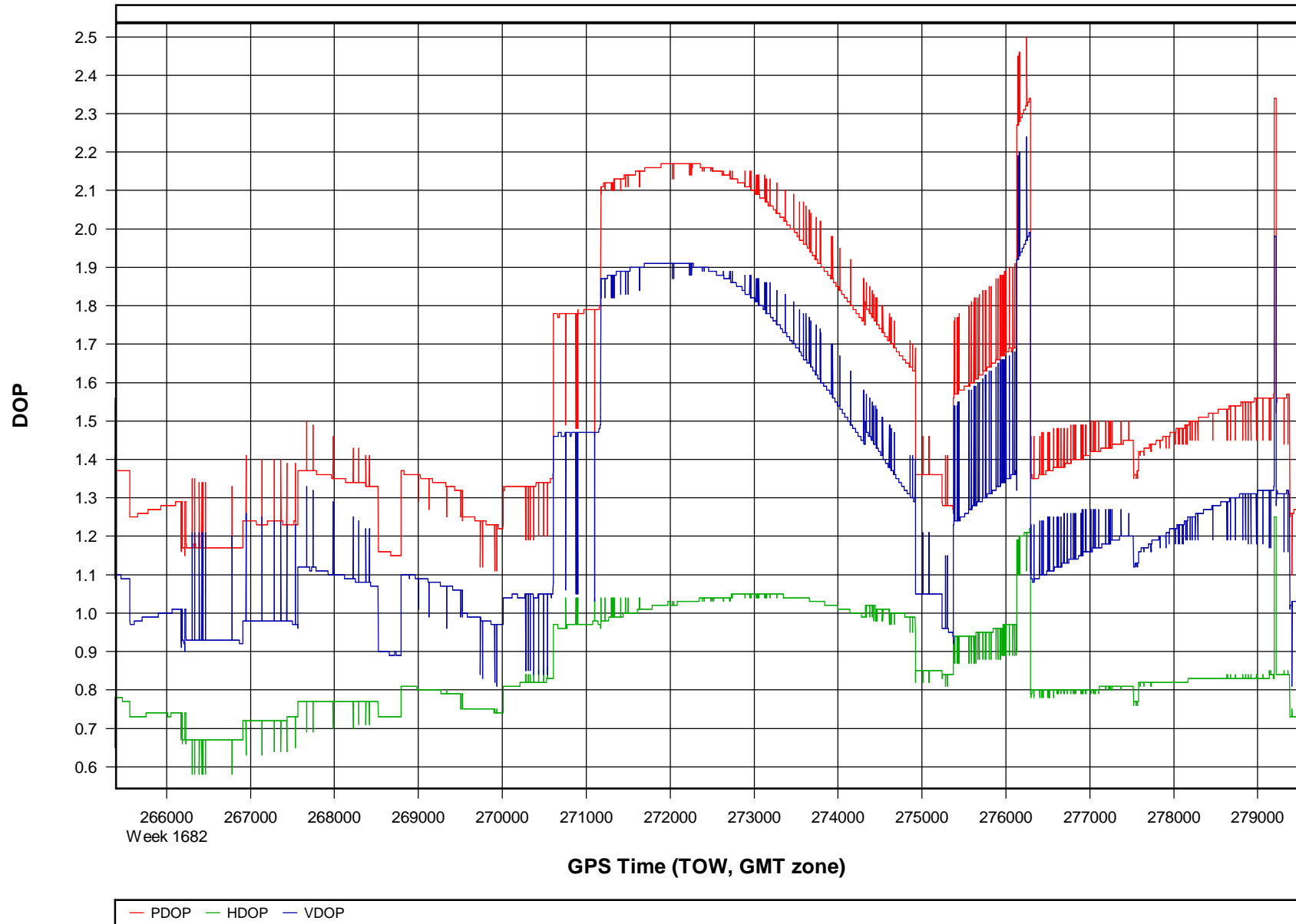
Geographic, DMS



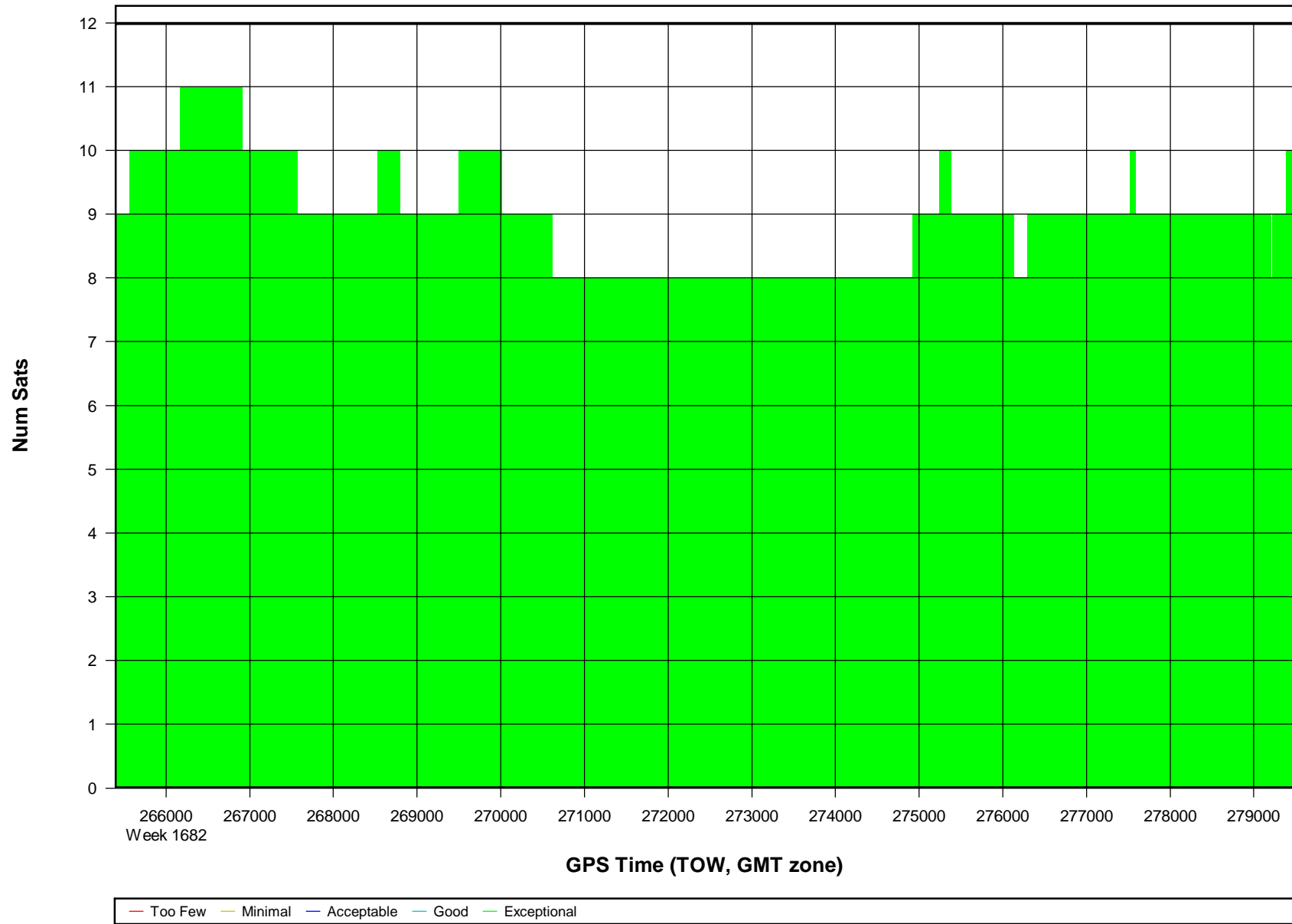
o212094a [Combined] - Forward/Reverse or Combined Separation Plot



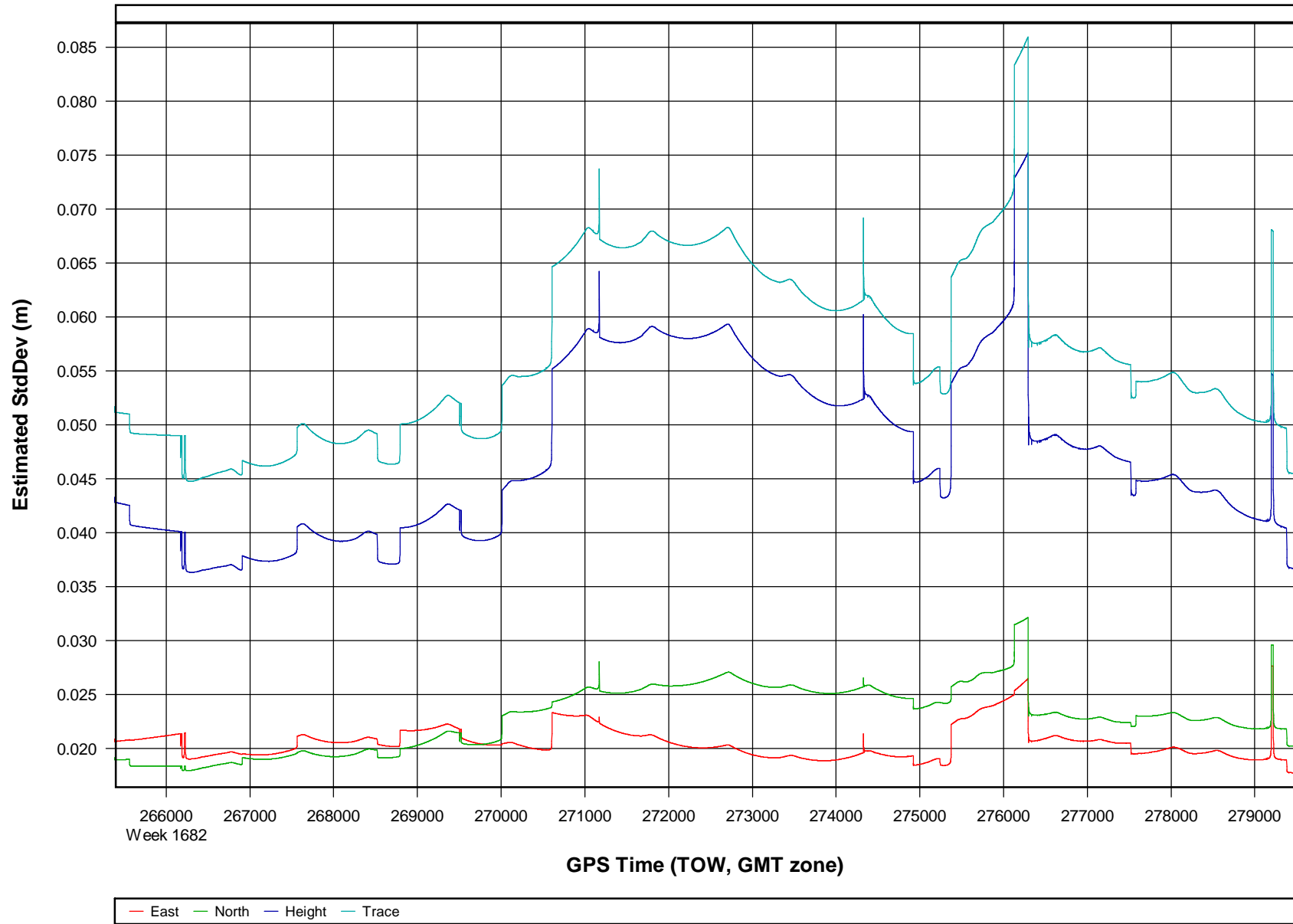
o212094a [Combined] - PDOP, HDOP, VDOP Plots



o212094a [Combined] - Number of Satellites Bar Plot



o212094a [Combined] - Estimated Position Accuracy Plot



Processing Summary Information

Program: GrafNav
Version: 7.80.2517
Project: H:\o212094a\3_Processed\GPS\o212094a.cfg

Solution Type: Combined Fwd/Rev

Number of Epochs:
Total in GPB file: 141171
No processed position: 127067
Missing Fwd or Rev: 248
With bad C/A code: 0
With bad L1 Phase: 0

Measurement RMS Values:
L1 Phase: 0.0184 (m)
C/A Code: 0.87 (m)
L1 Doppler: 0.027 (m/s)

Fwd/Rev Separation RMS Values:
East: 0.018 (m)
North: 0.013 (m)
Height: 0.030 (m)

Fwd/Rev Sep. RMS for 25%-75% weighting (13852 occurrences):
East: 0.018 (m)
North: 0.013 (m)
Height: 0.029 (m)

Quality Number Percentages:
Q 1: 100.0 %
Q 2: 0.0 %
Q 3: 0.0 %
Q 4: 0.0 %
Q 5: 0.0 %
Q 6: 0.0 %

Position Standard Deviation Percentages:
0.00 - 0.10 m: 100.0 %
0.10 - 0.30 m: 0.0 %
0.30 - 1.00 m: 0.0 %
1.00 - 5.00 m: 0.0 %
5.00 m + over: 0.0 %

Percentages of epochs with DD_DOP over 10.00:
DOP over Tol: 0.0 %

Baseline Distances:
Maximum: 39.790 (km)
Minimum: 0.038 (km)
Average: 20.733 (km)
First Epoch: 0.575 (km)
Last Epoch: 0.527 (km)

