

Project: Texas West Central LiDAR

Date: April

20, 2018

Page 1

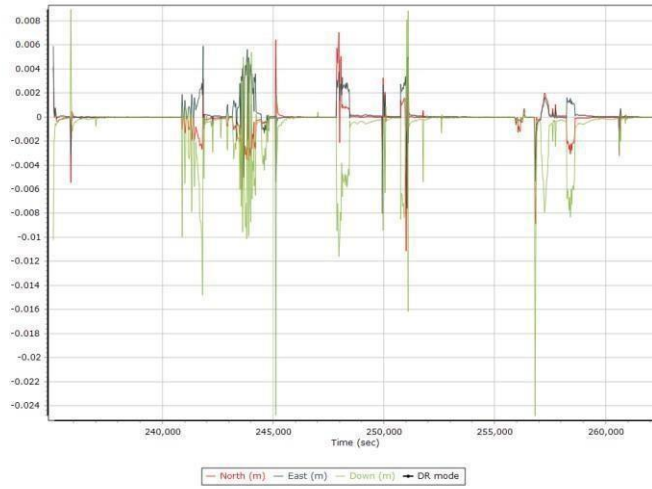
Appendix E: GPS Processing Blocks 06, 07, 08, and 14

Blocks 06, 07, 08

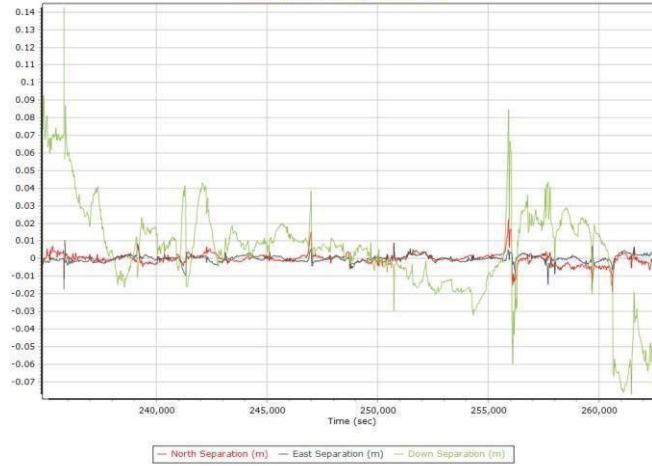
GPS and IMU Processing Reports

MISSION 1 (022018)

SBET IAKAR Separation

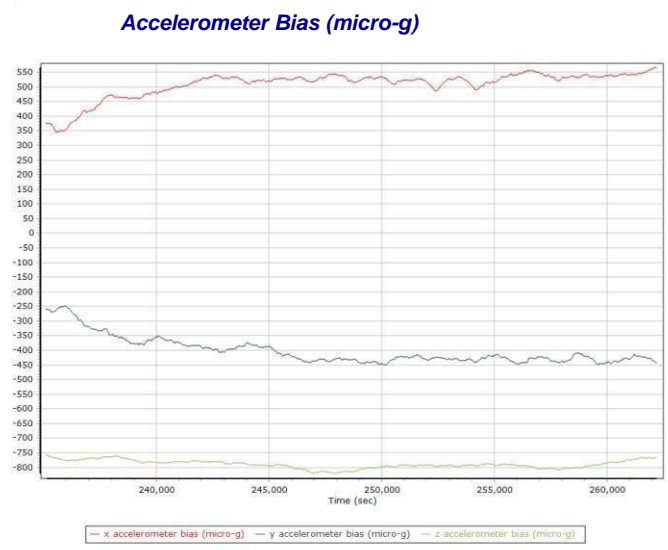
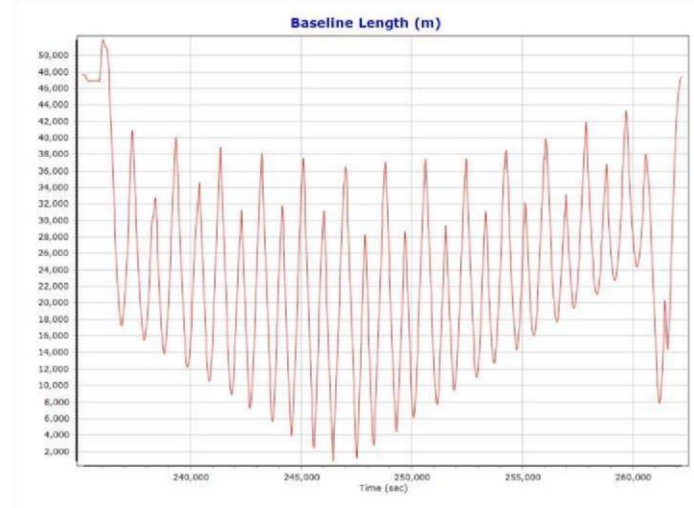
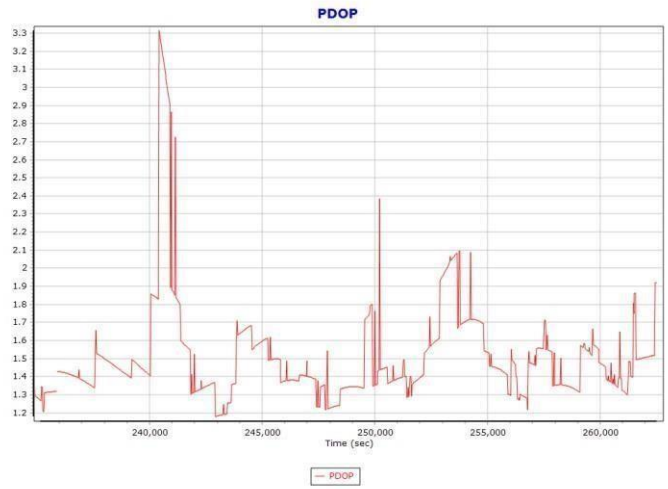


Forward/Reverse Separation

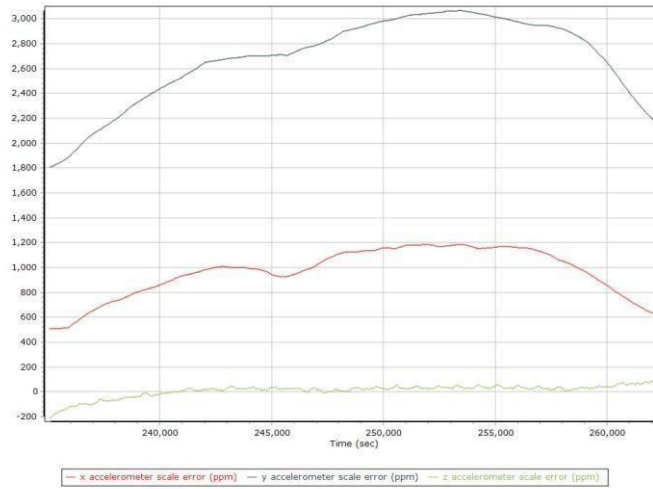


Number of SVs in solution

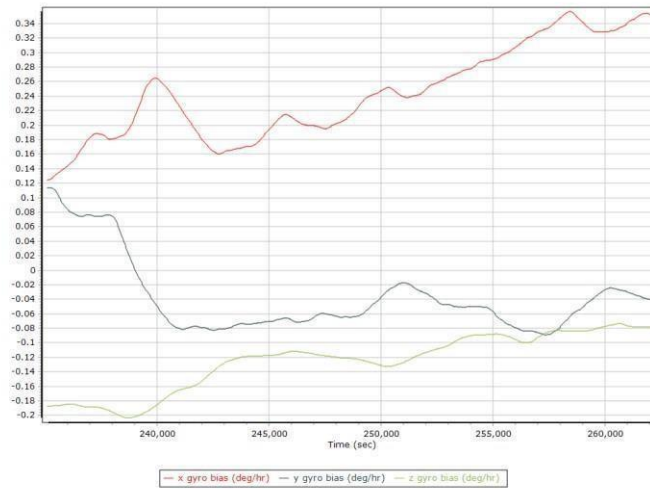




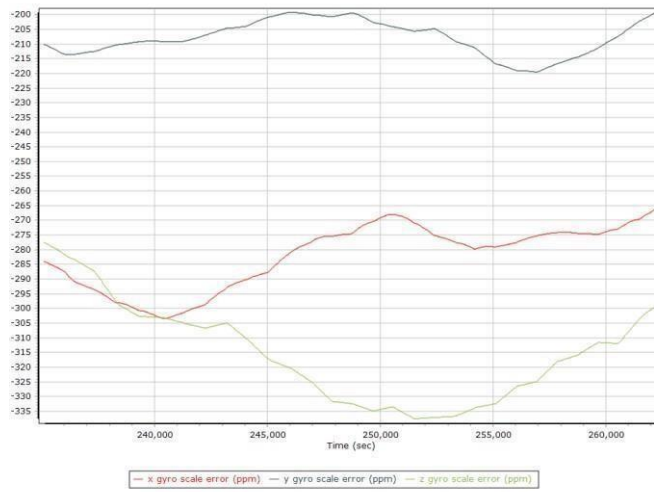
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)

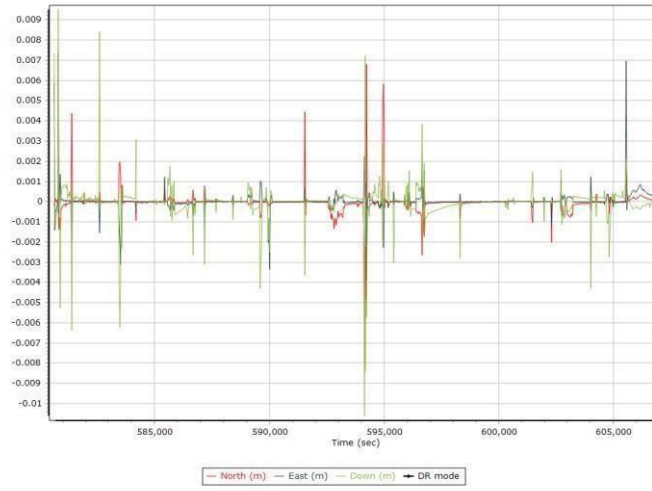


Gyro Scale Error (ppm)

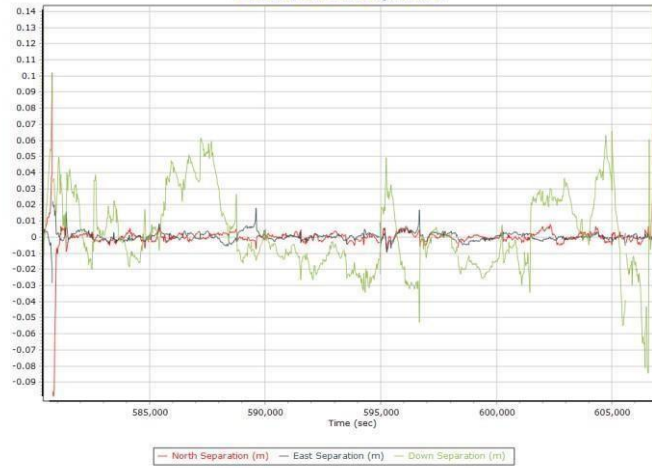


MISSION 2 (024018)

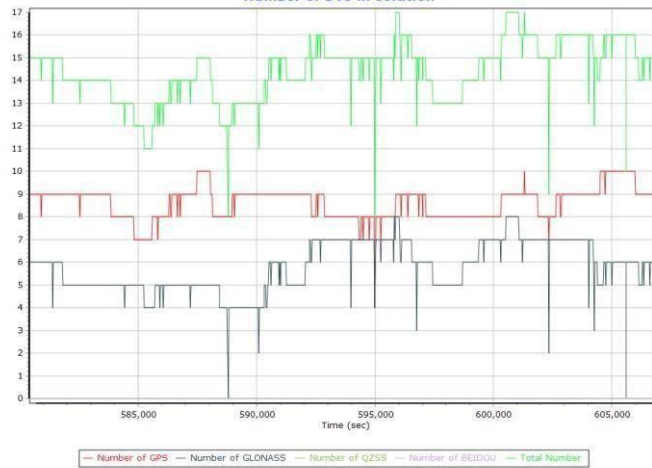
SBET IAkar Separation

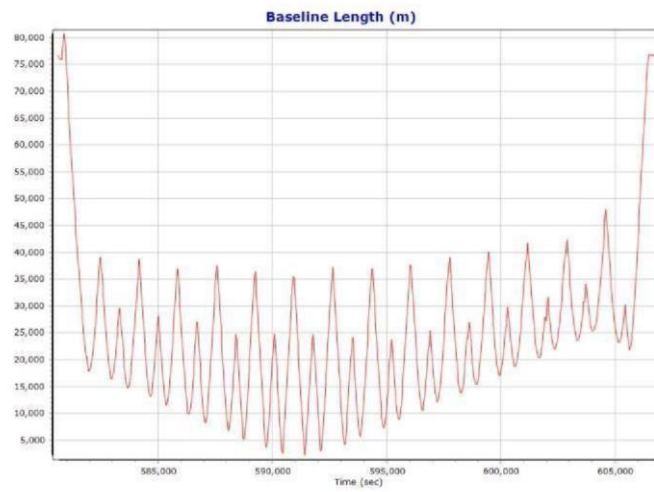
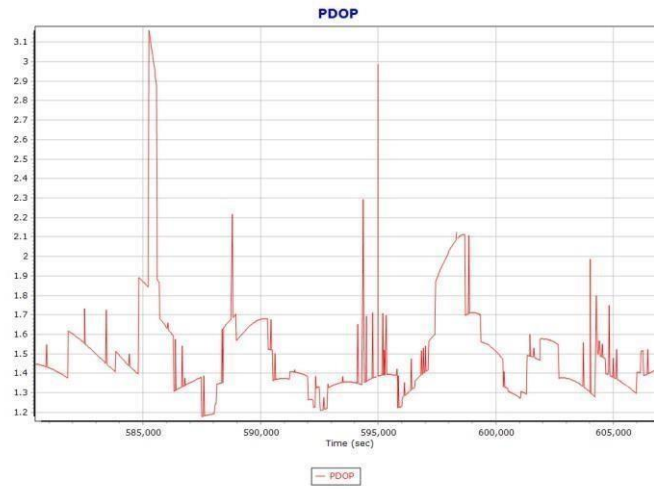


Forward/Reverse Separation

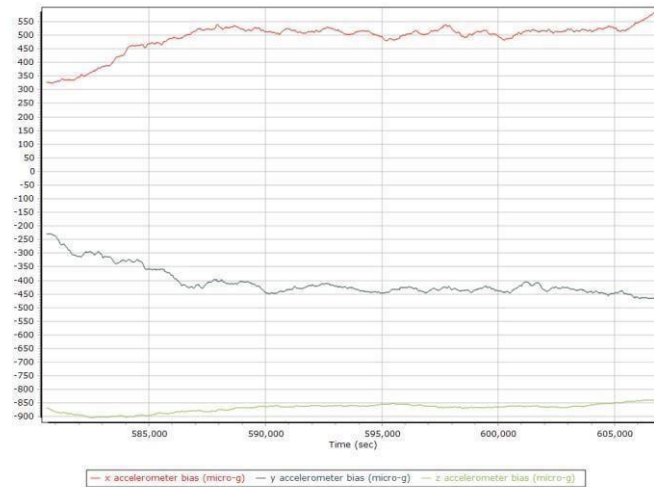


Number of SVs in solution

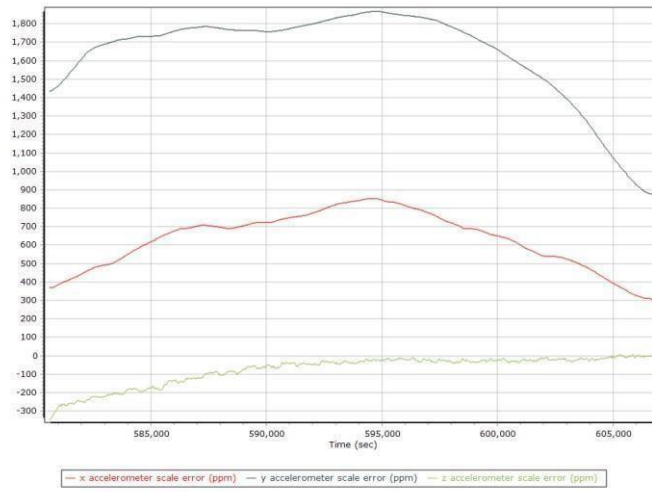




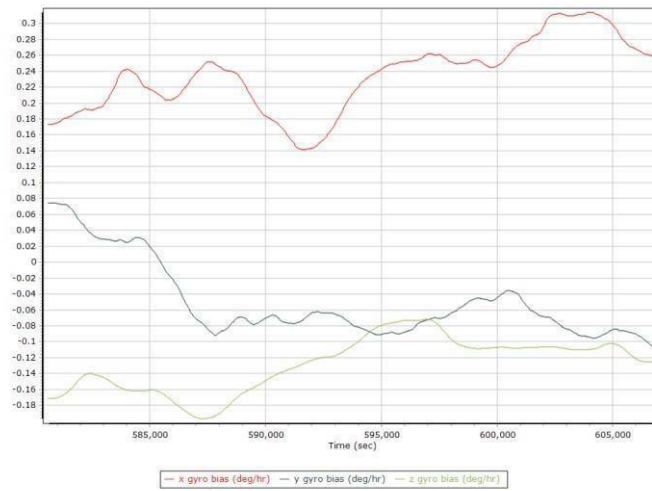
Accelerometer Bias (micro-g)



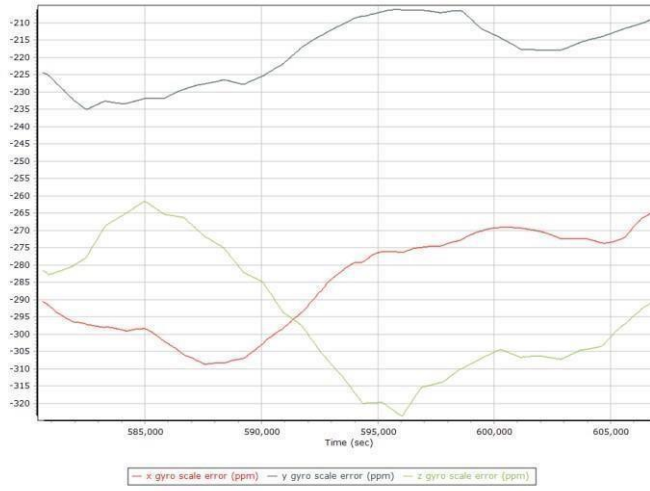
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)



Gyro Scale Error (ppm)



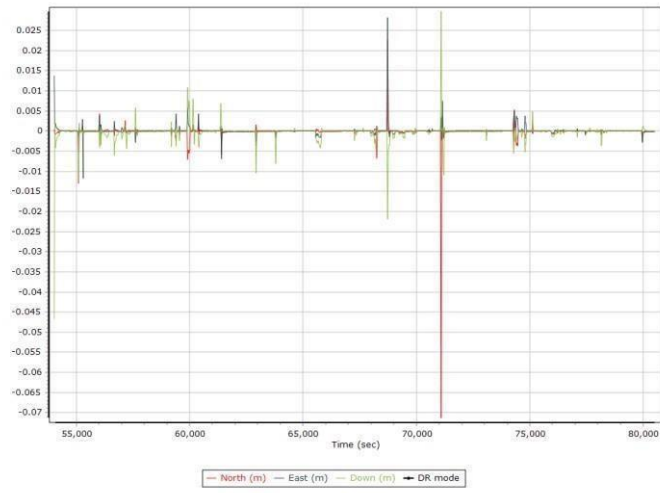
Project: Texas West Central LiDAR

Date: April 20, 2018

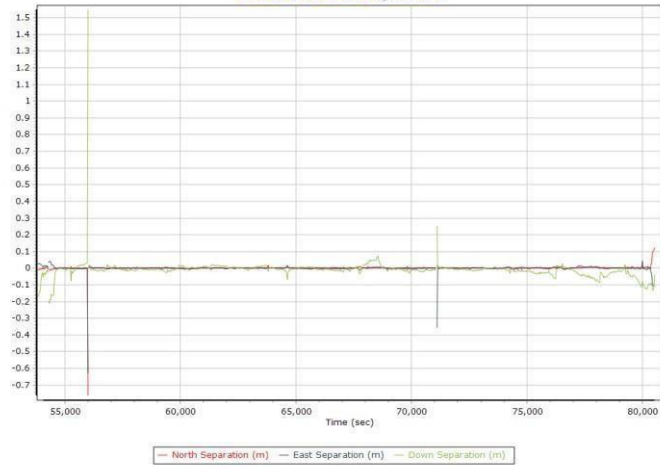
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MISSION 3 (022518)

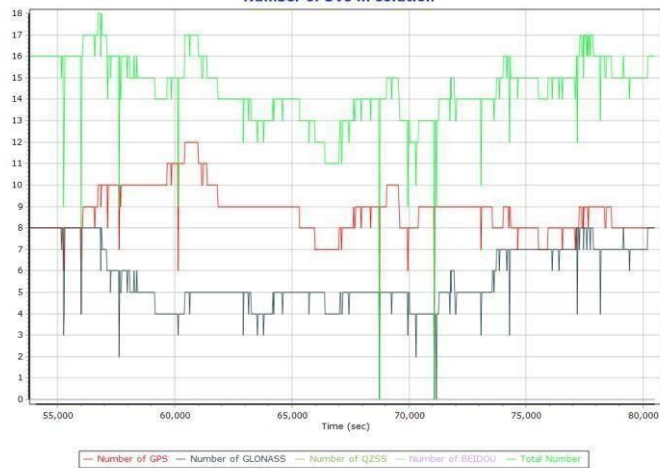
SBET IAKAR Separation

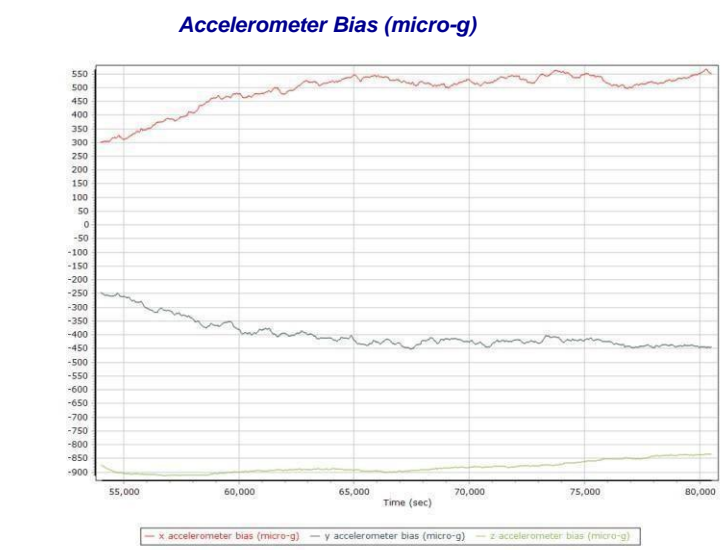
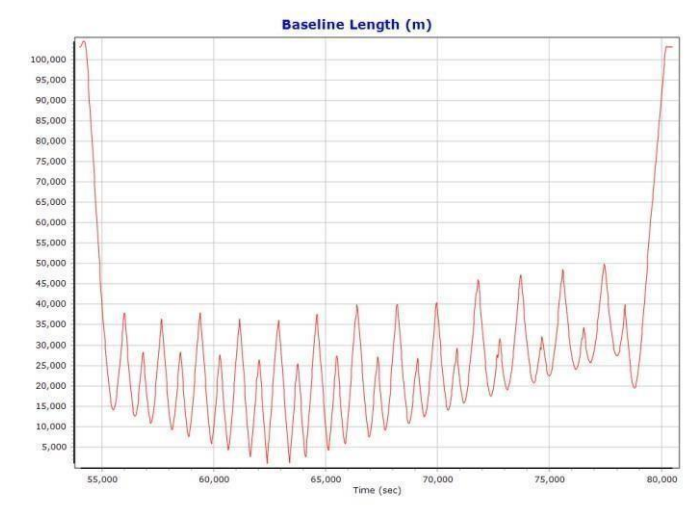
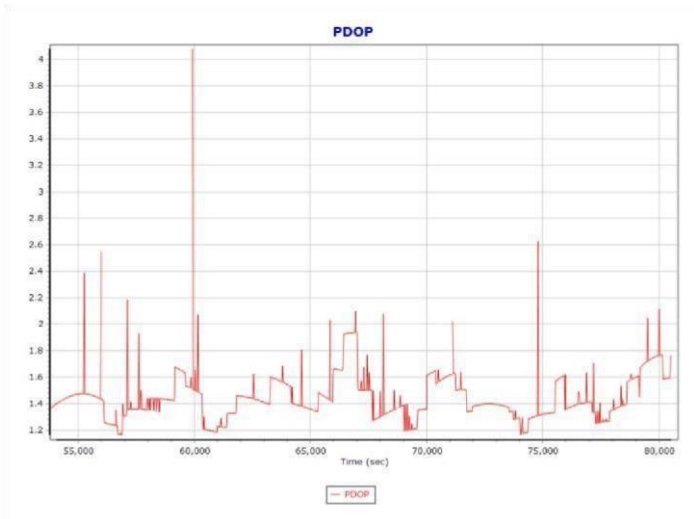


Forward/Reverse Separation

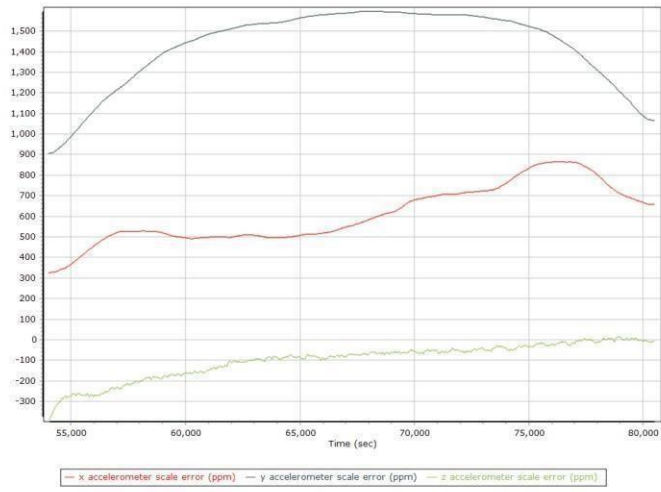


Number of SVs in solution

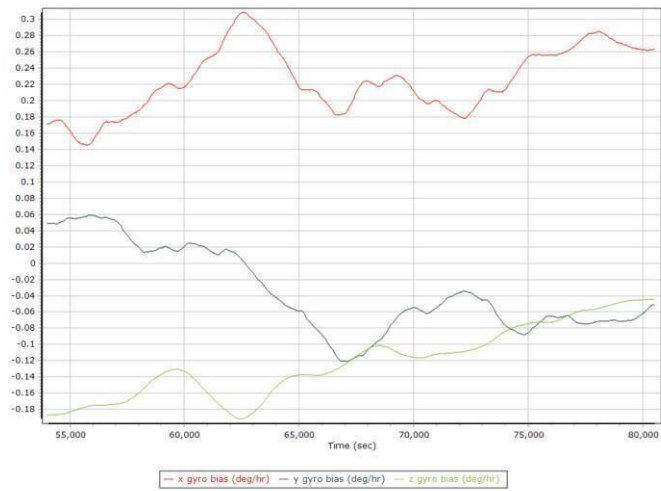




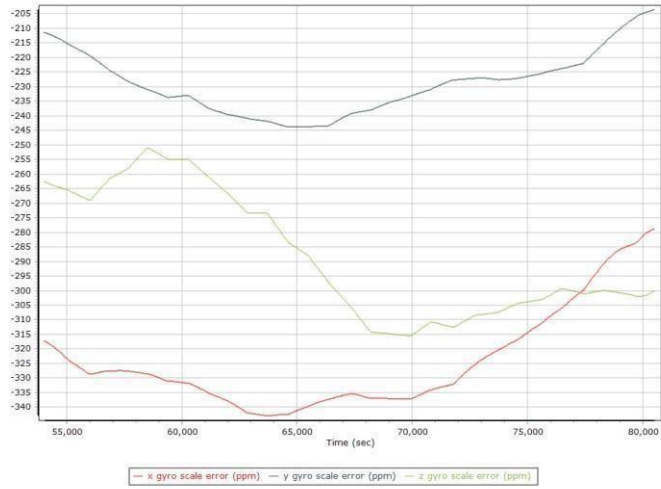
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)

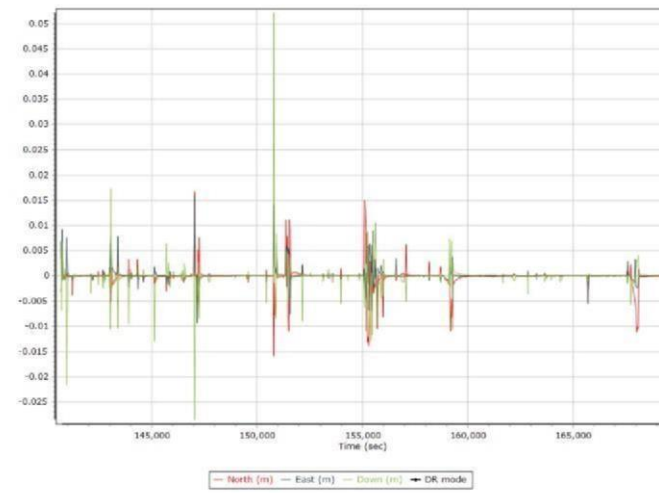


Gyro Scale Error (ppm)

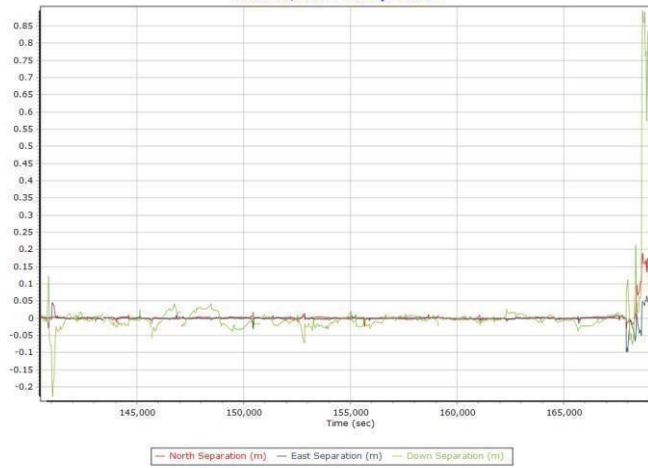


MISSION 4 (022618)

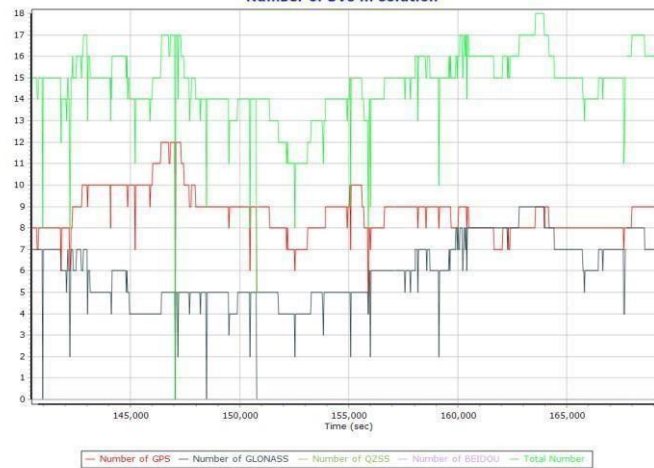
SBET IAKAR Separation

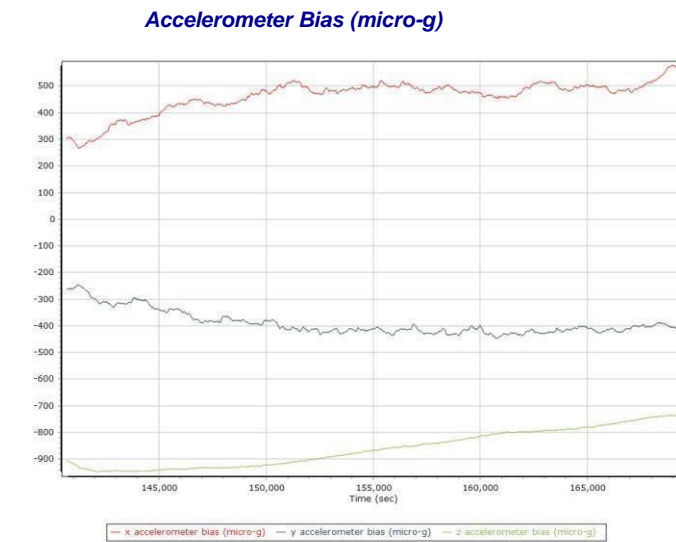
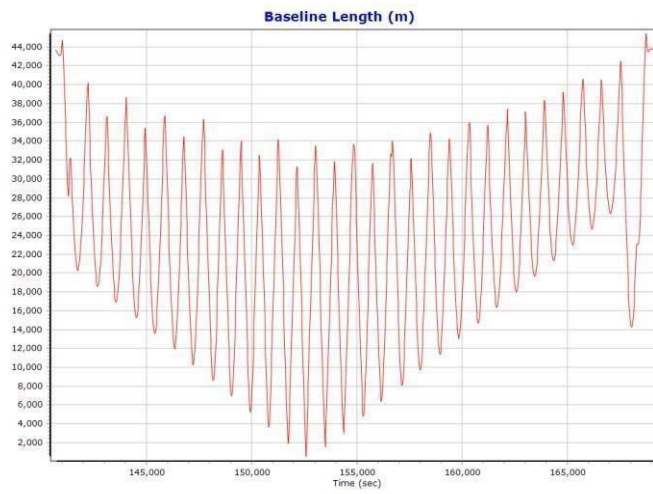
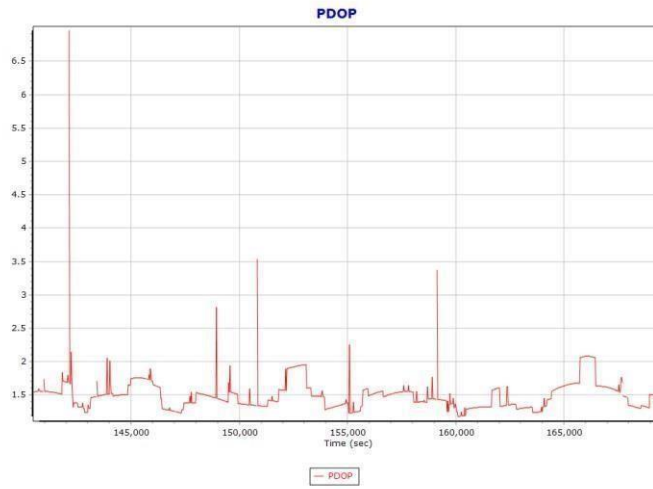


Forward/Reverse Separation

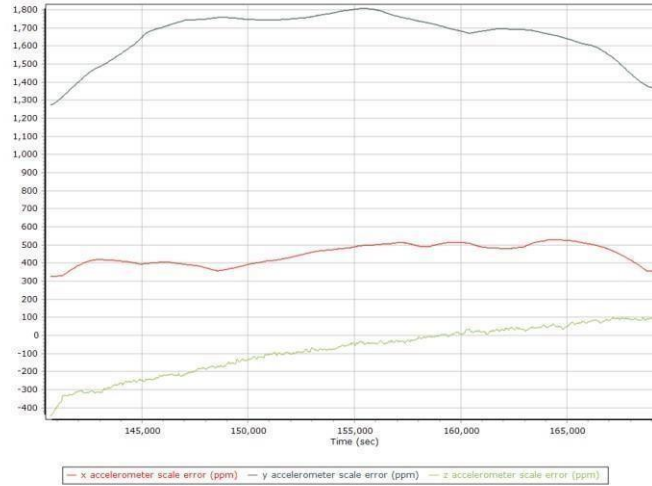


Number of SVs in solution

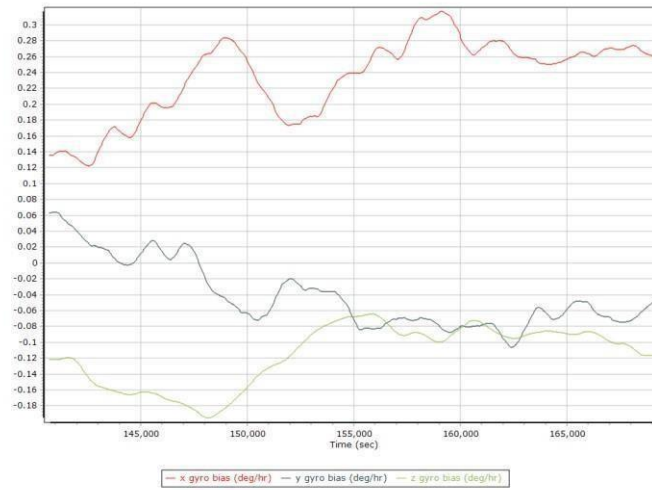




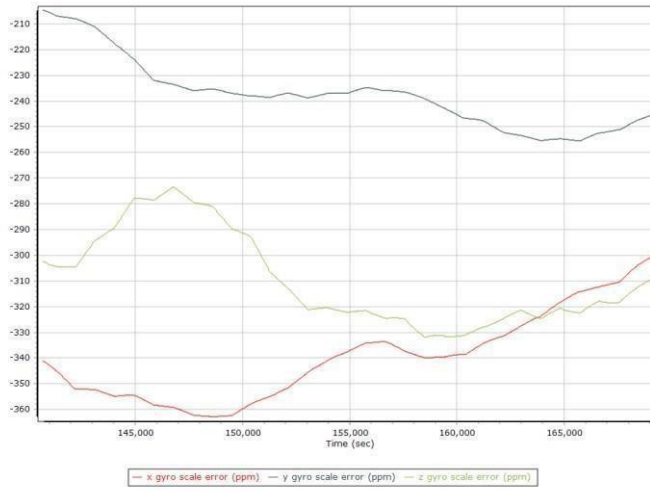
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)



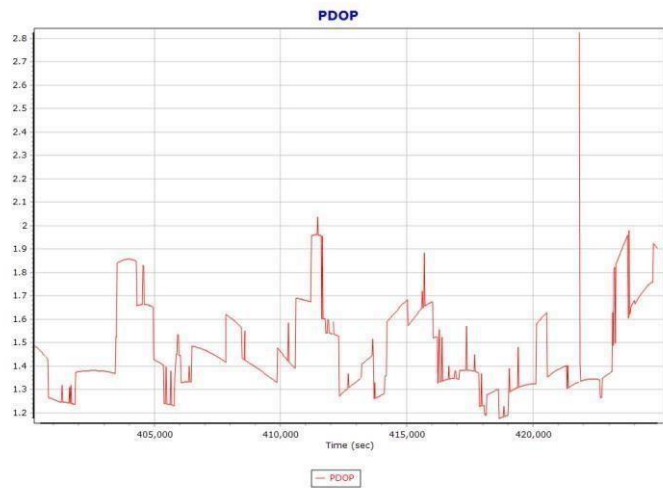
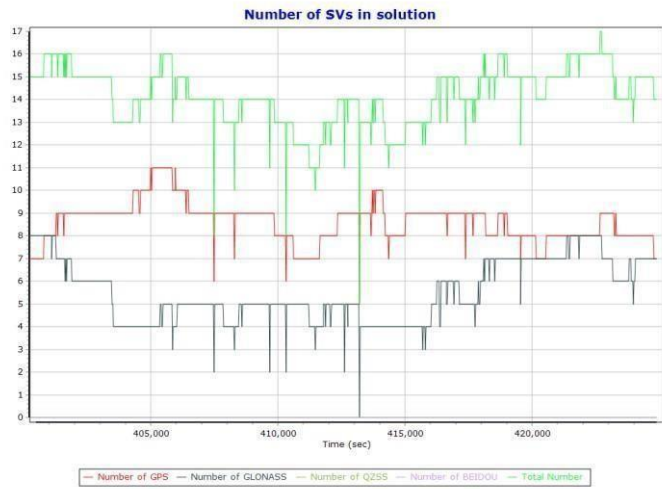
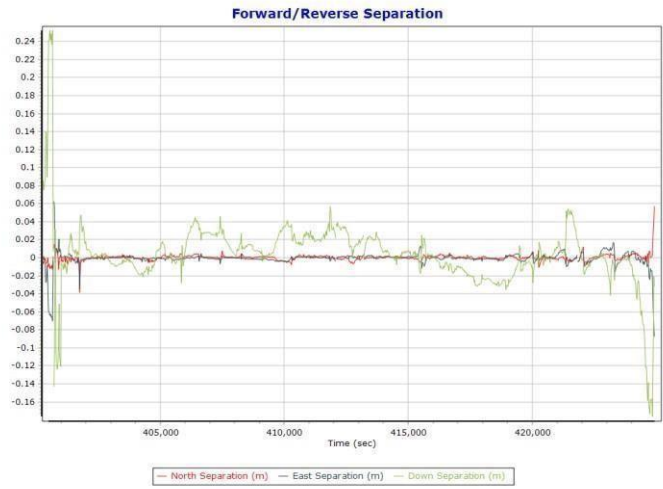
Gyro Scale Error (ppm)

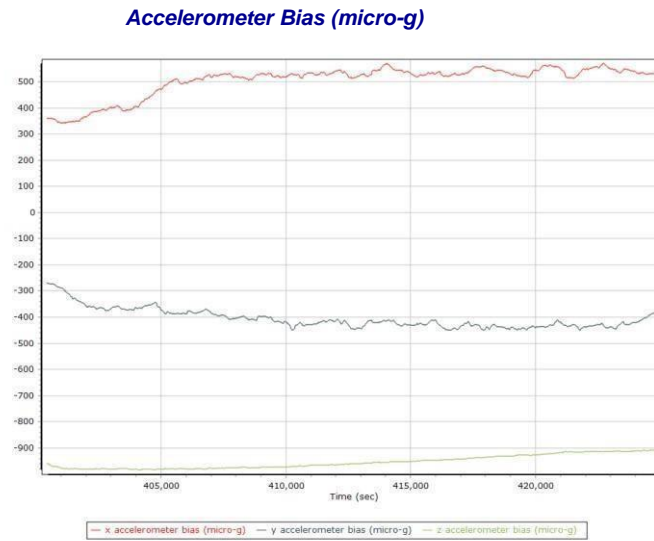
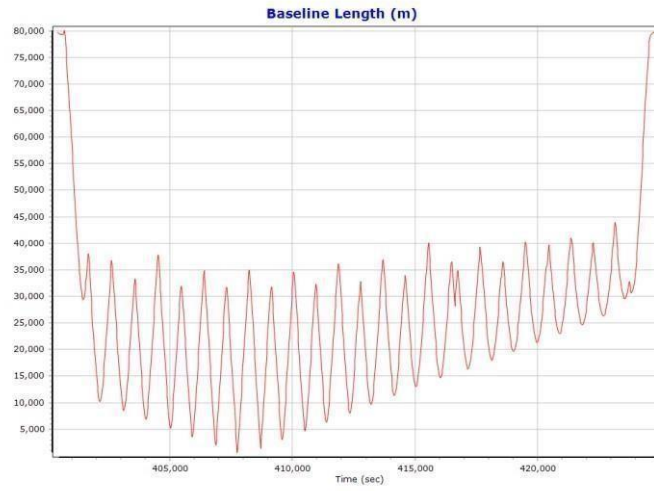


MISSION 5 (030118)

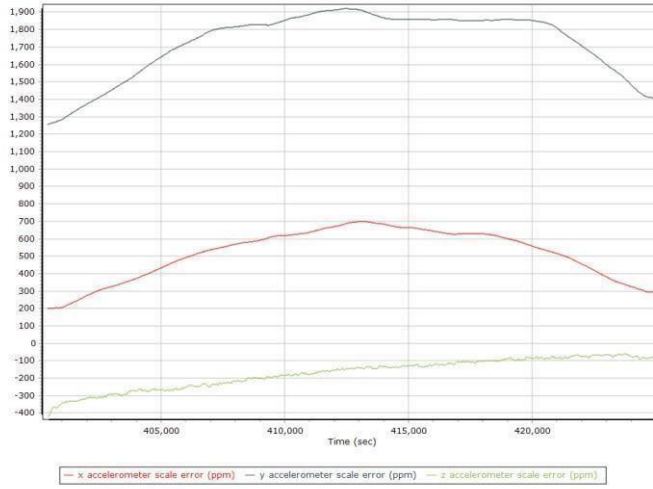
SBET IA KAR Separation



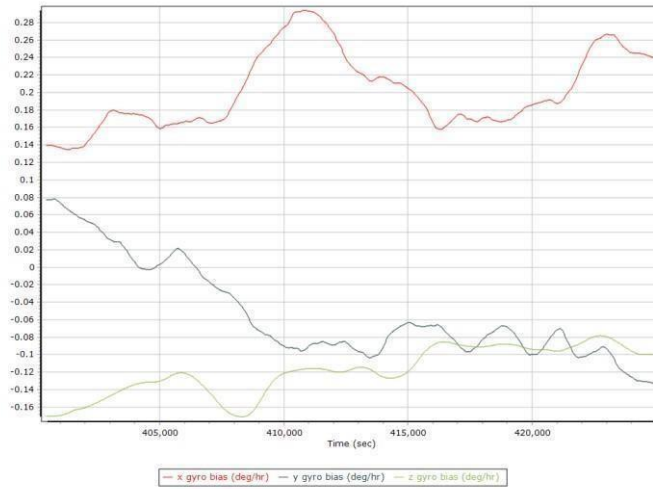




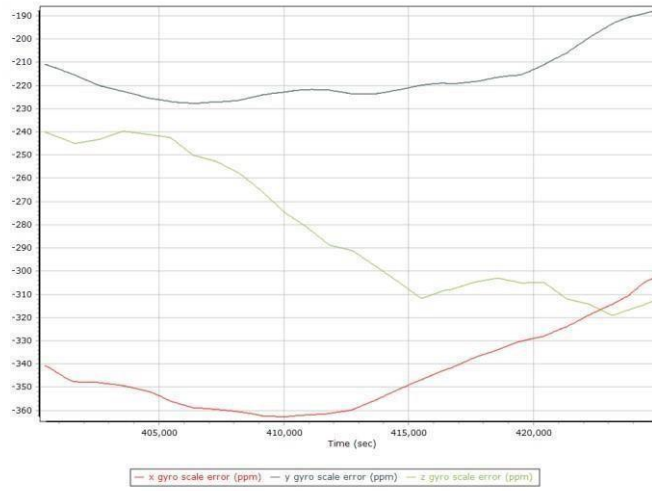
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)



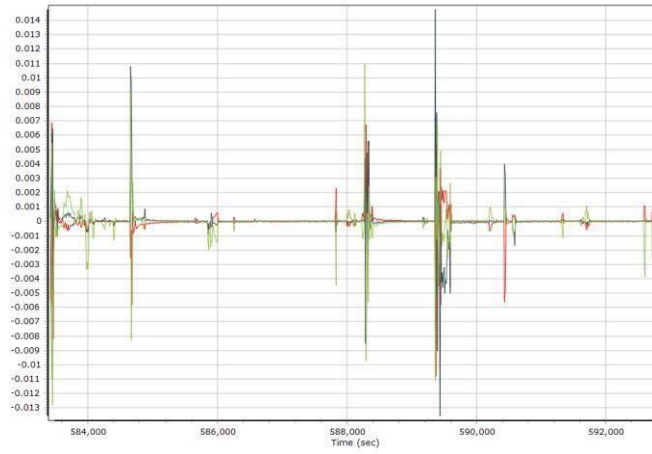
Gyro Scale Error (ppm)



MISSION 6 (031018A)

SBET IAKAR Separation

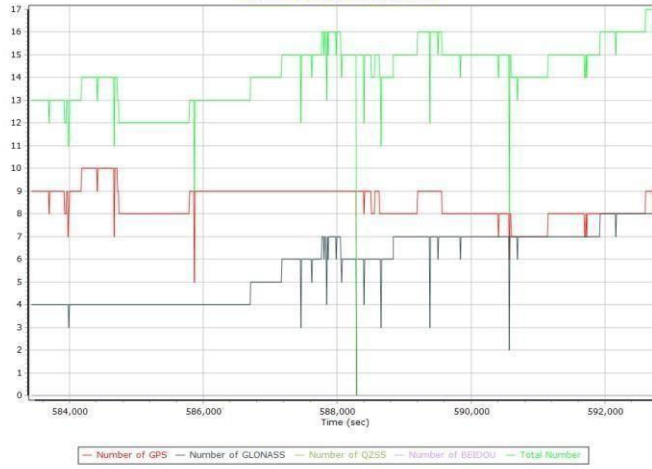
Project: Texas West Central LiDAR

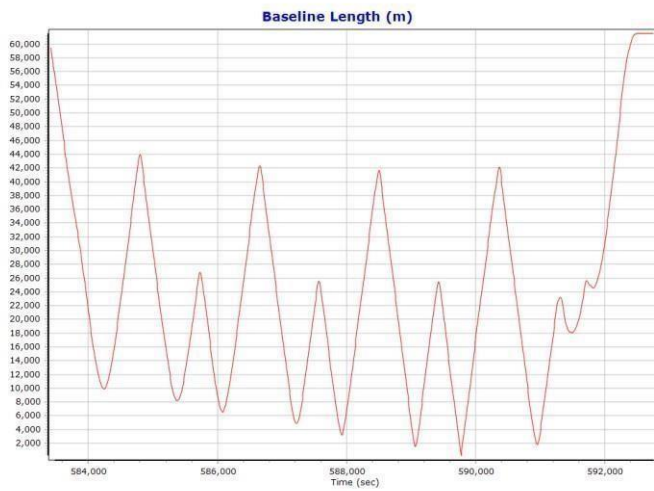


Forward/Reverse Separation

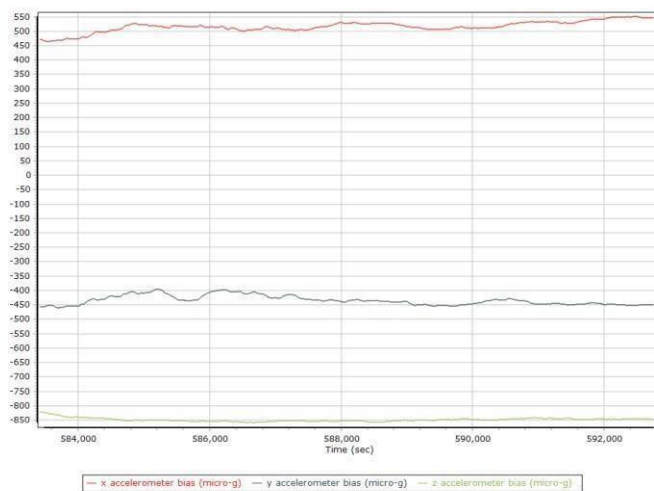


Number of SVs in solution

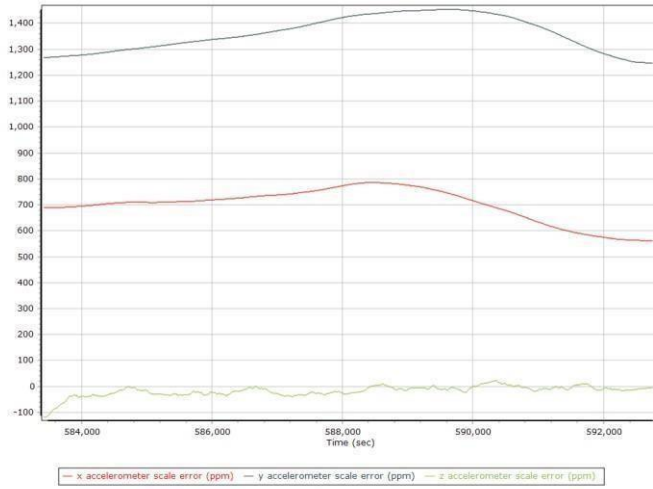




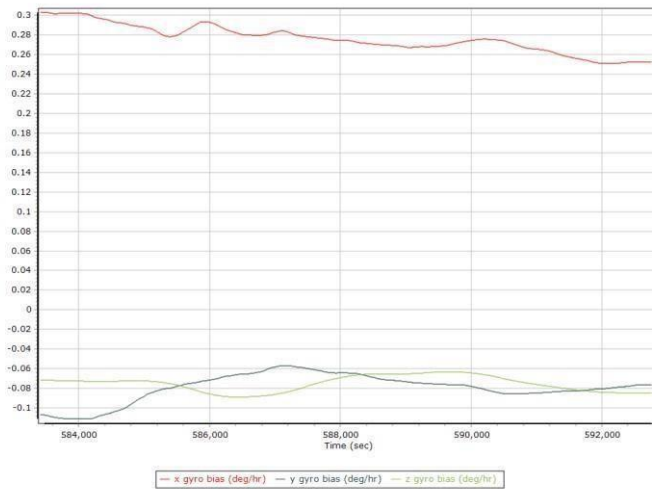
Accelerometer Bias (micro-g)



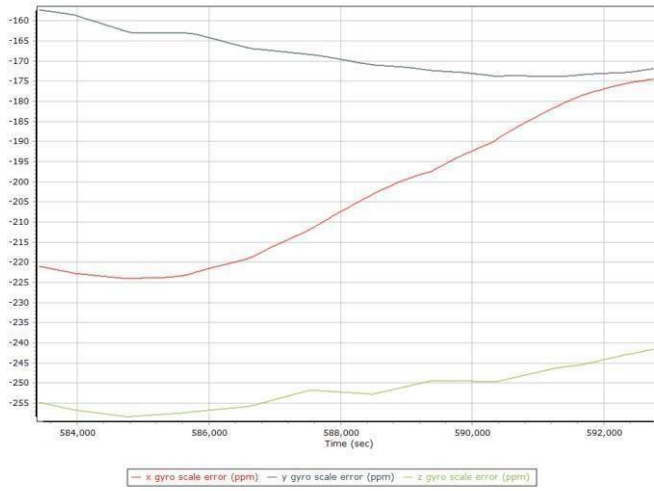
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)

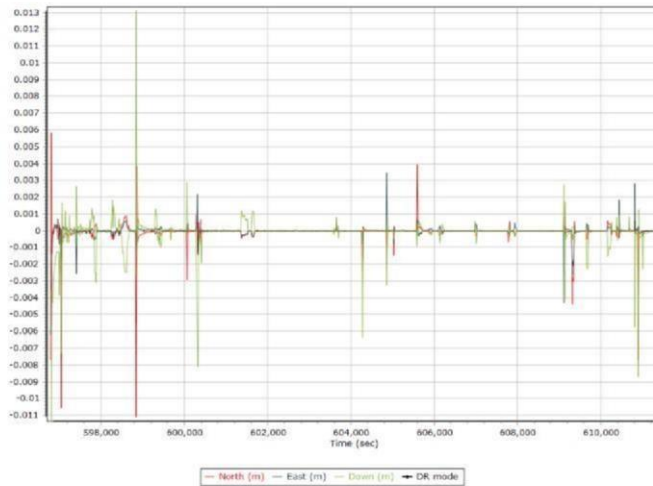


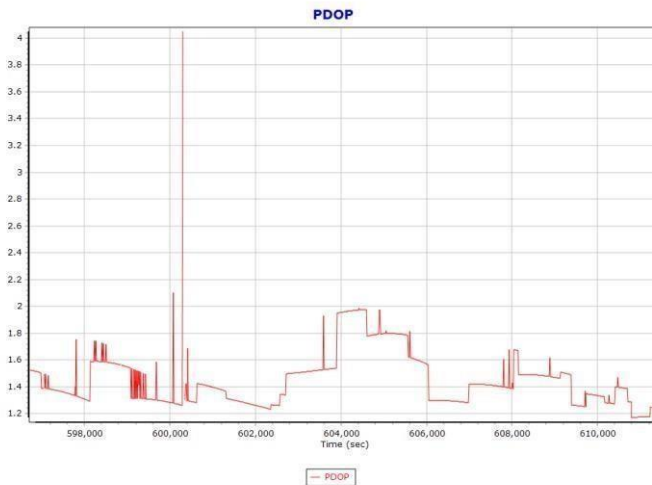
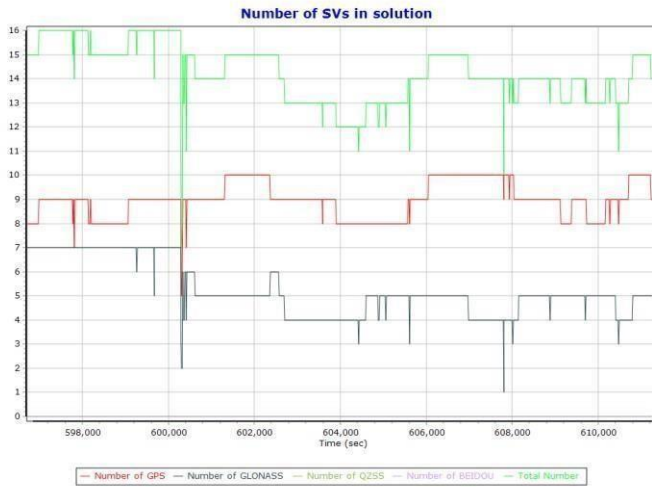
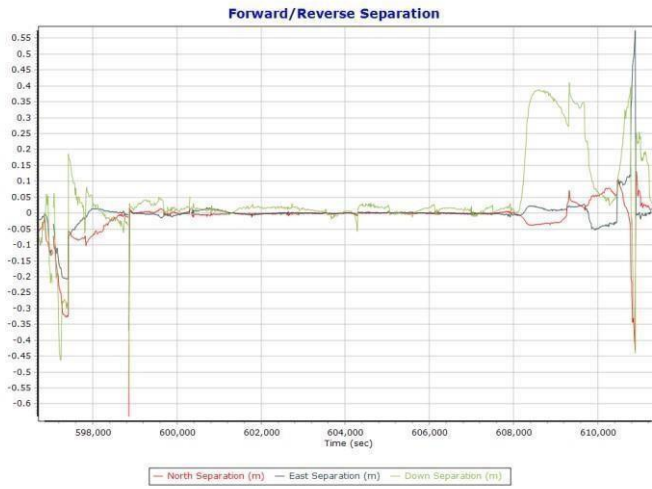
Gyro Scale Error (ppm)

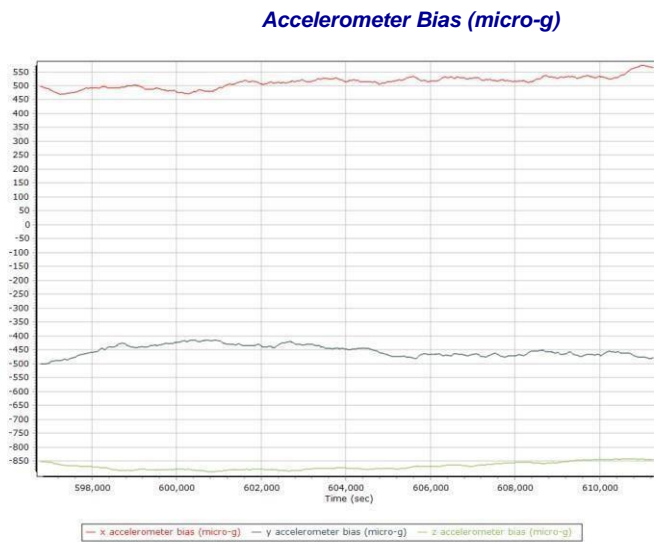
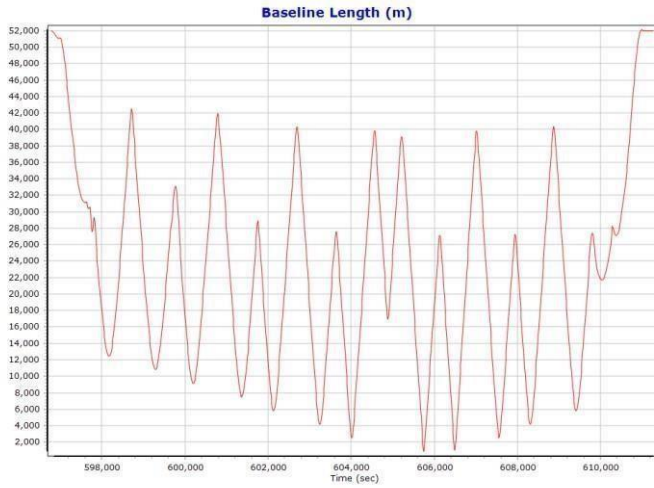


MISSION 7 (031018B)

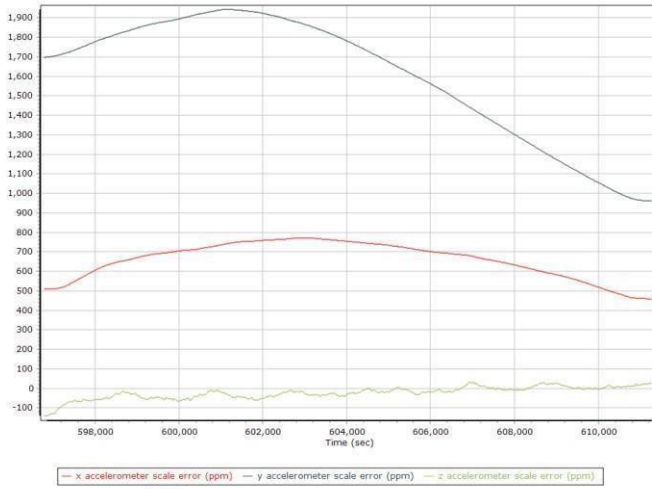
SBET IAKAR Separation



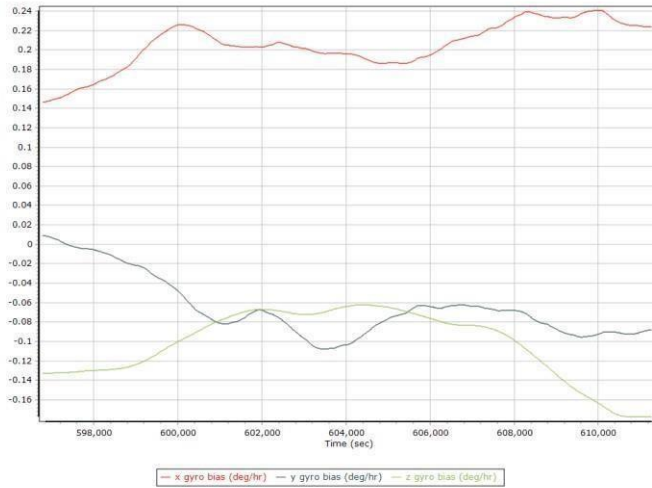




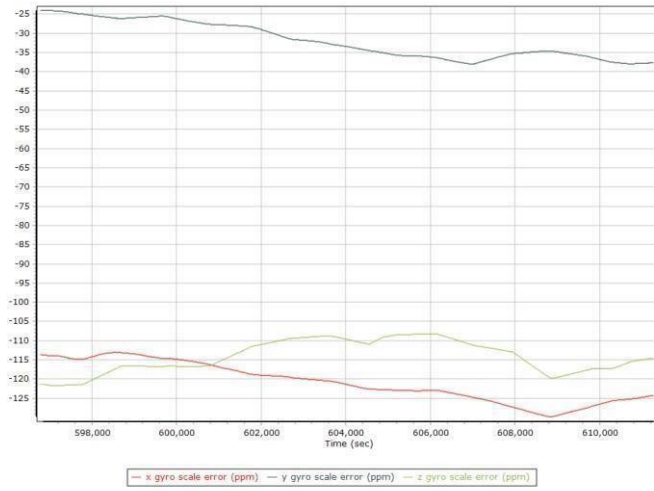
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)

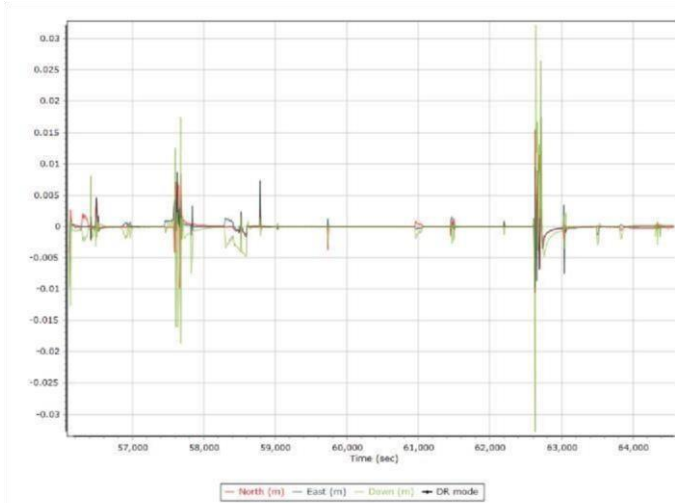


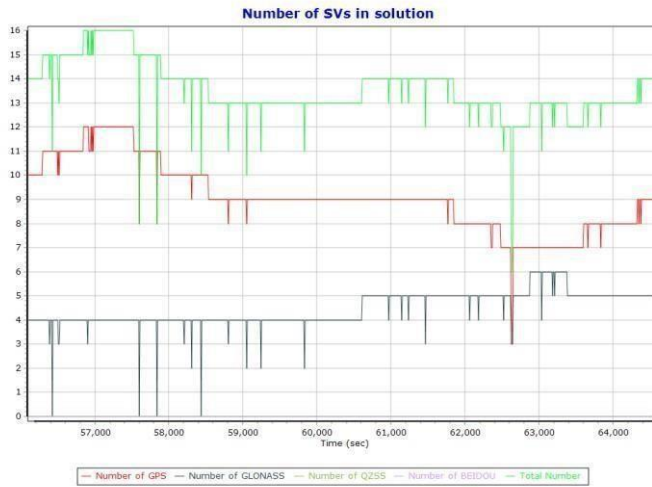
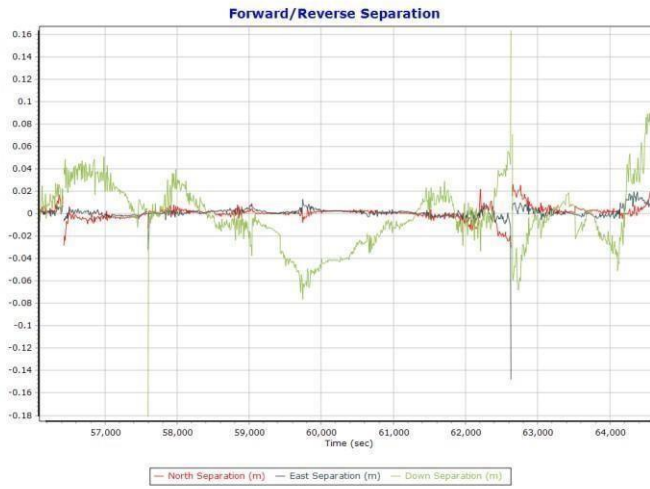
Gyro Scale Error (ppm)

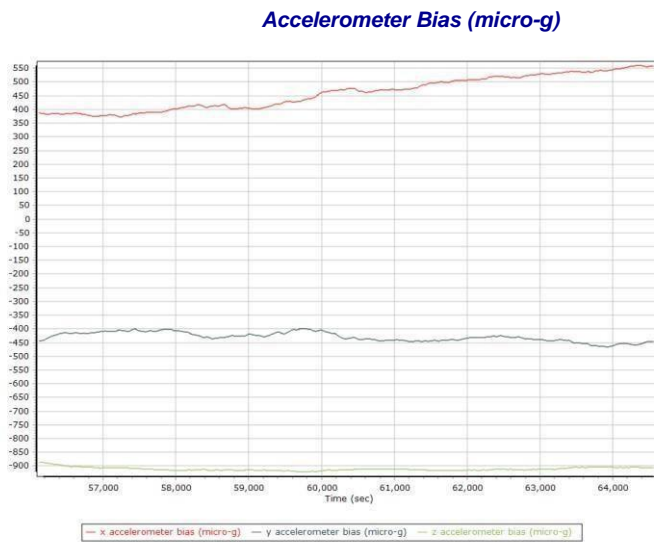
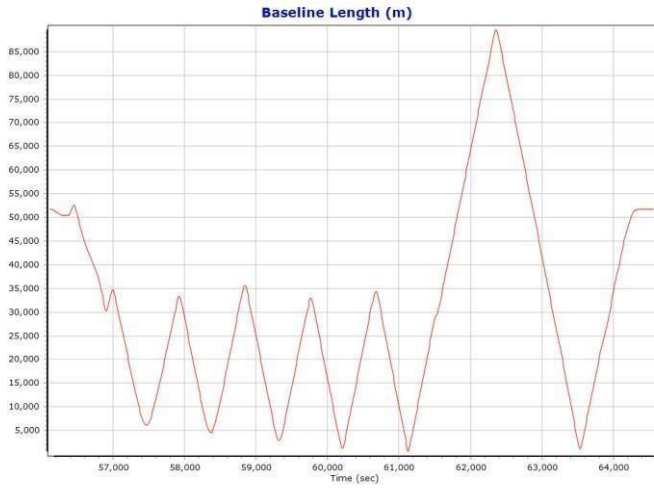


MISSION 8 (031118)

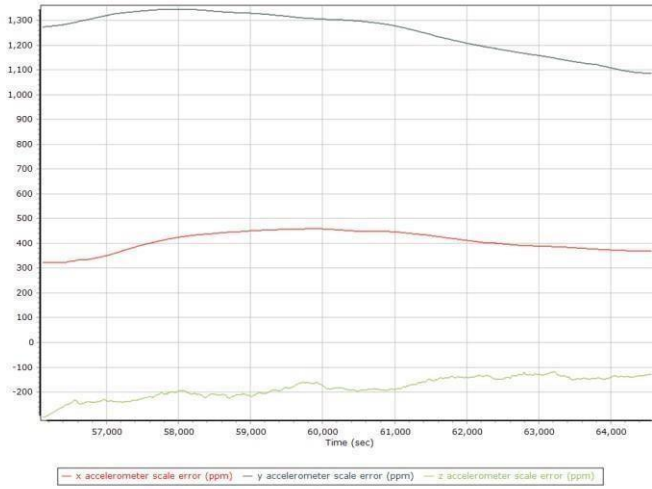
SBET IAKAR Separation



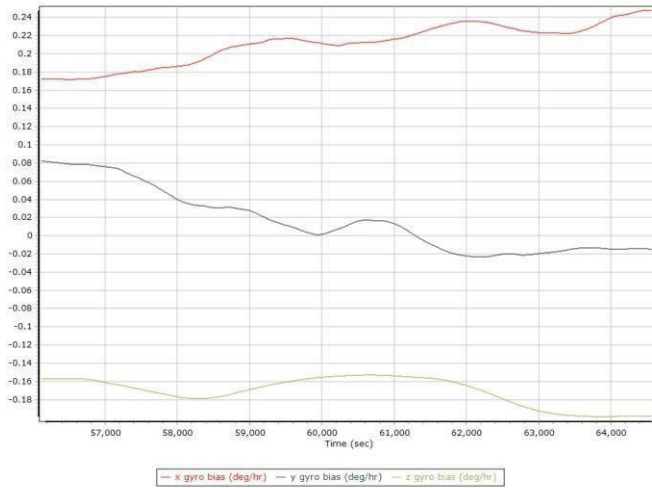




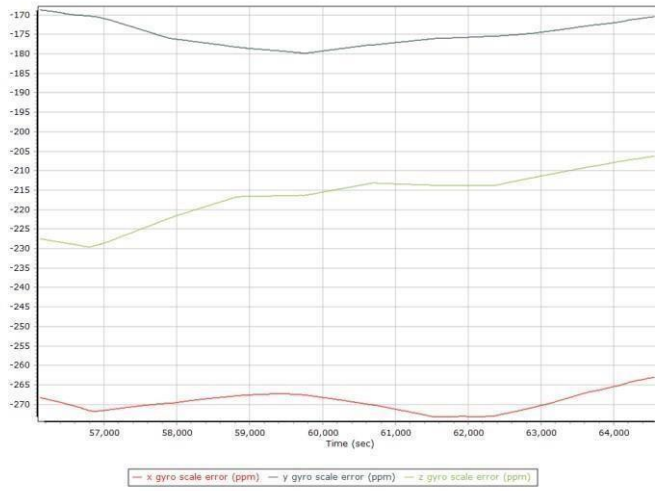
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)

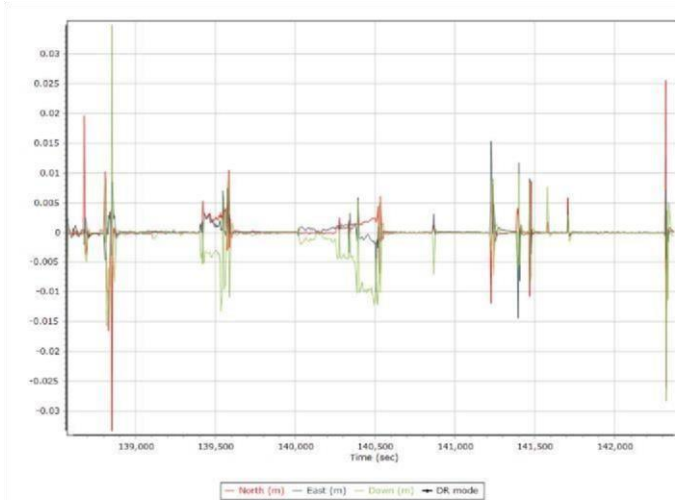


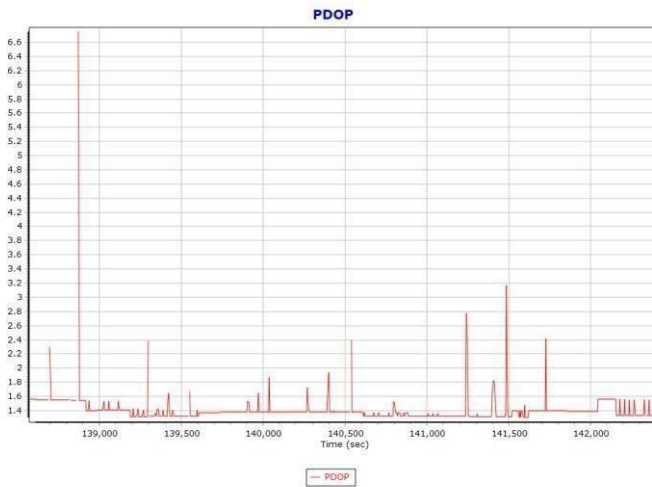
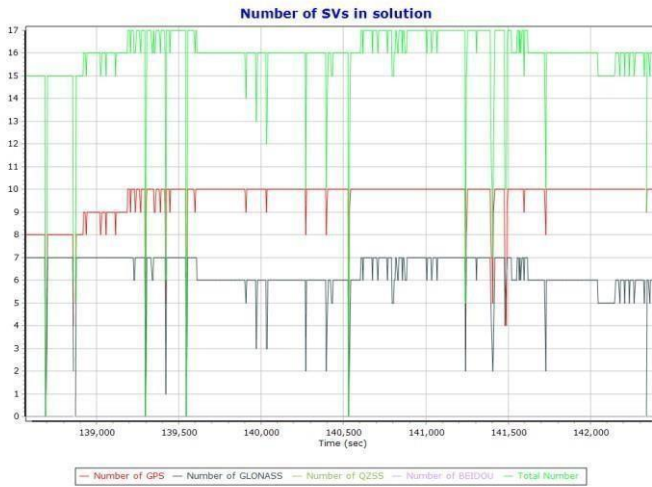
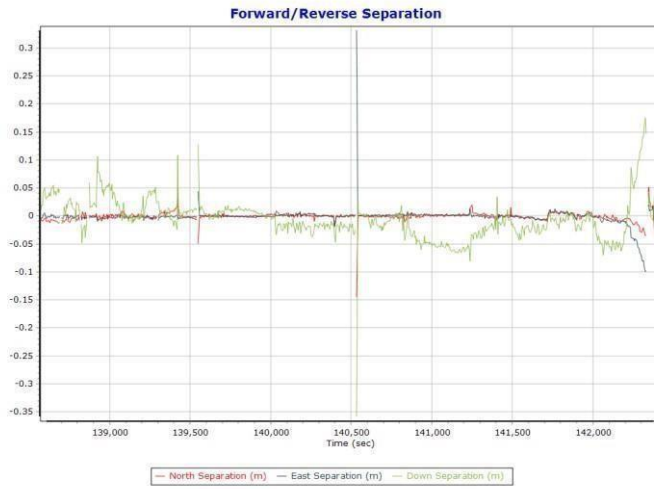
Gyro Scale Error (ppm)

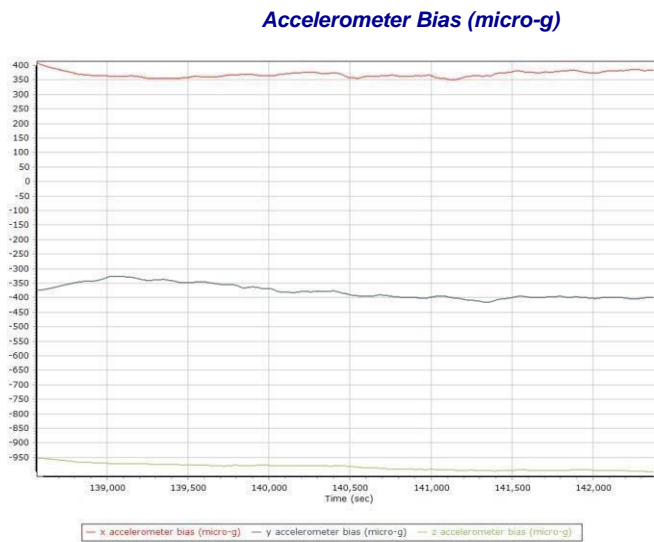
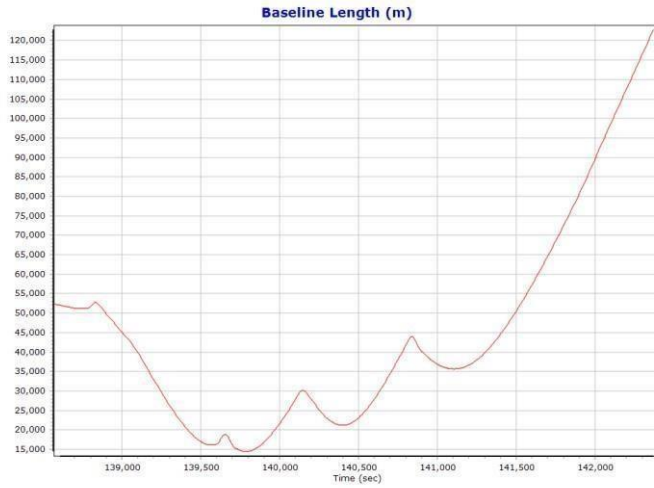


MISSION 9 (031218)

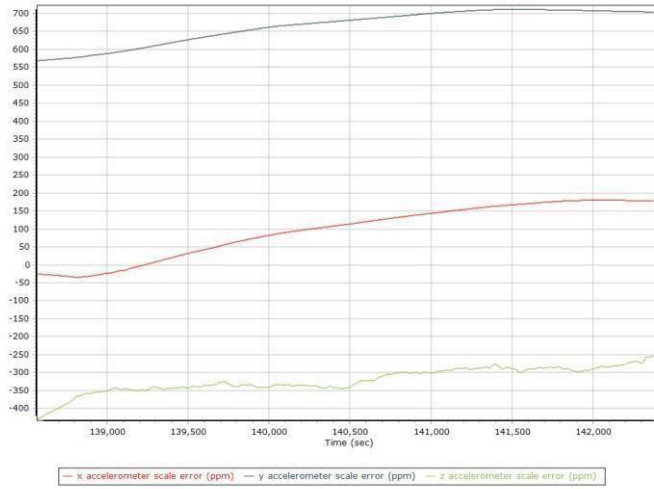
SBET IAKAR Separation



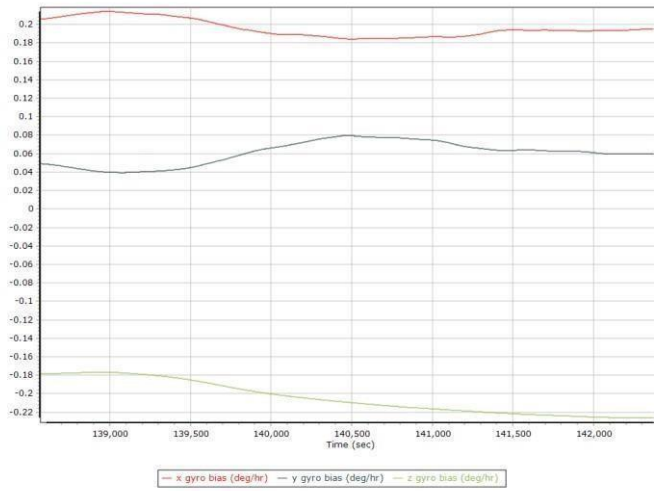




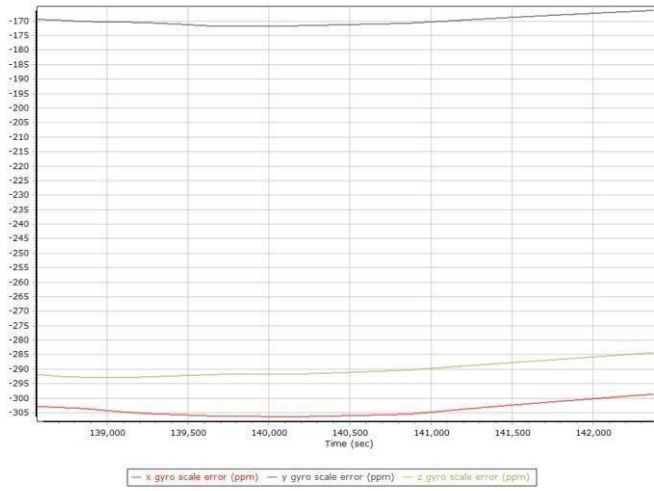
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)



Gyro Scale Error (ppm)

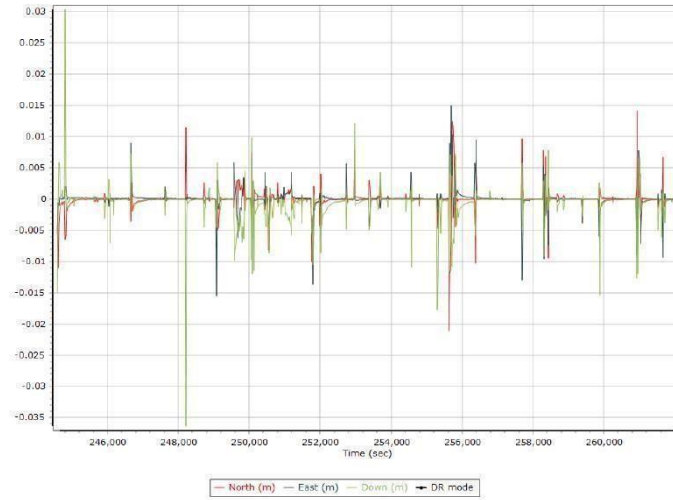


GPS Processing Blocks 14

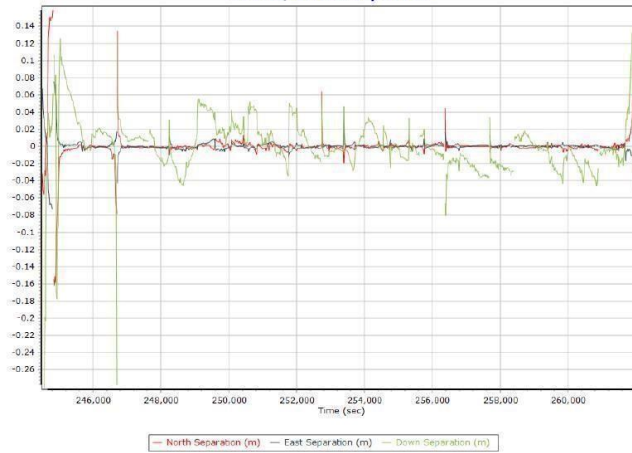
GPS and IMU Processing Reports

MISSION 1 (032018)

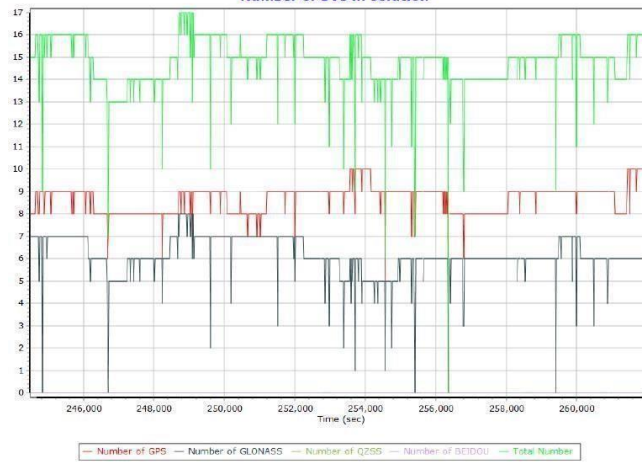
SBET IAKAR Separation

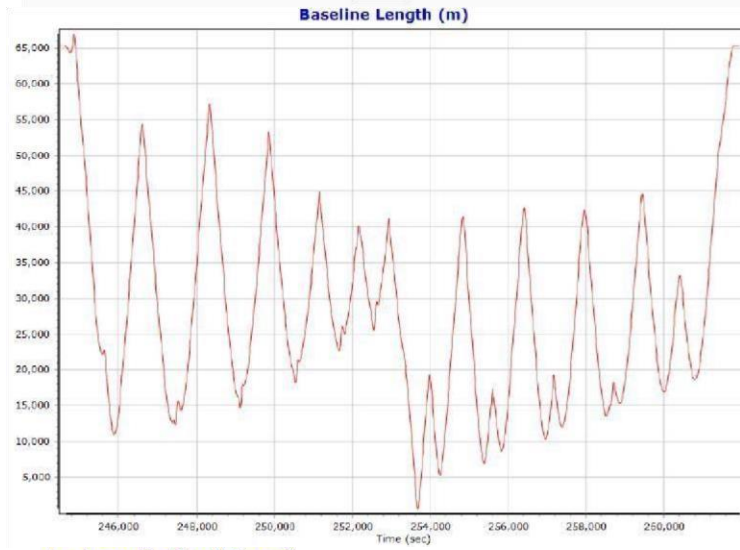
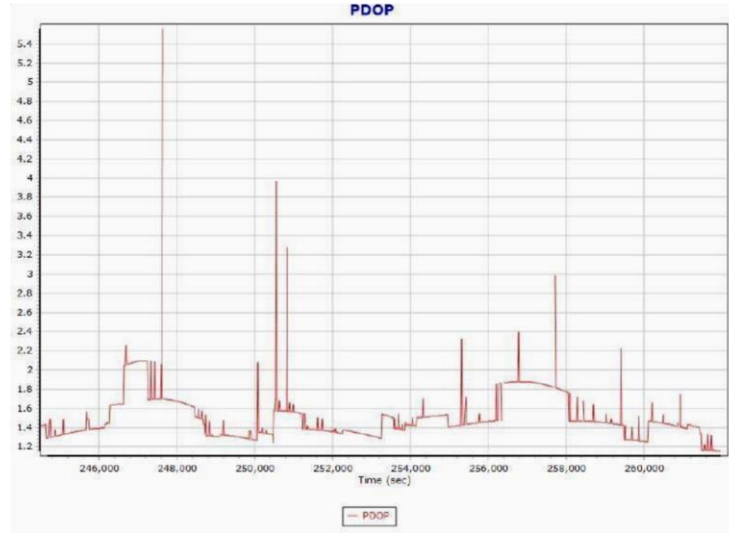


Forward/Reverse Separation

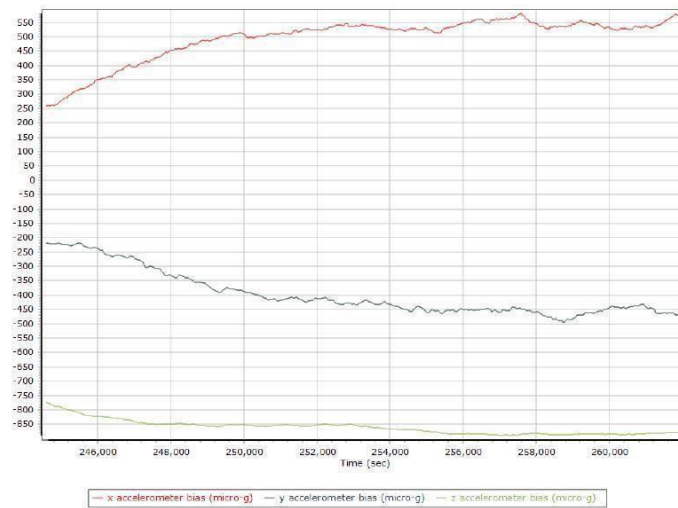


Number of SVs in solution

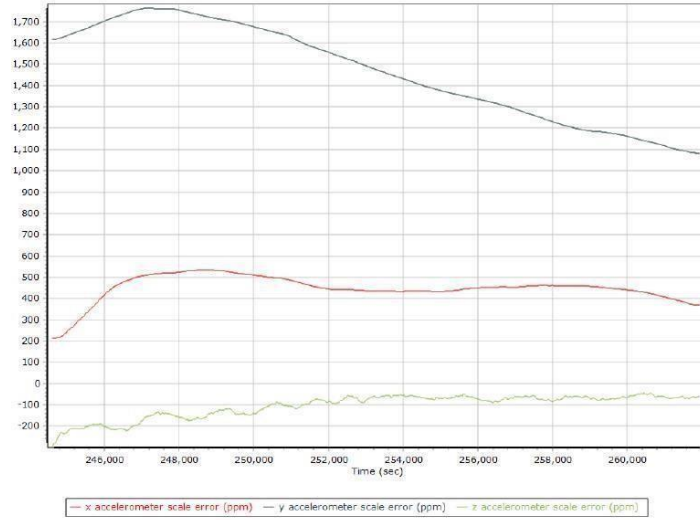




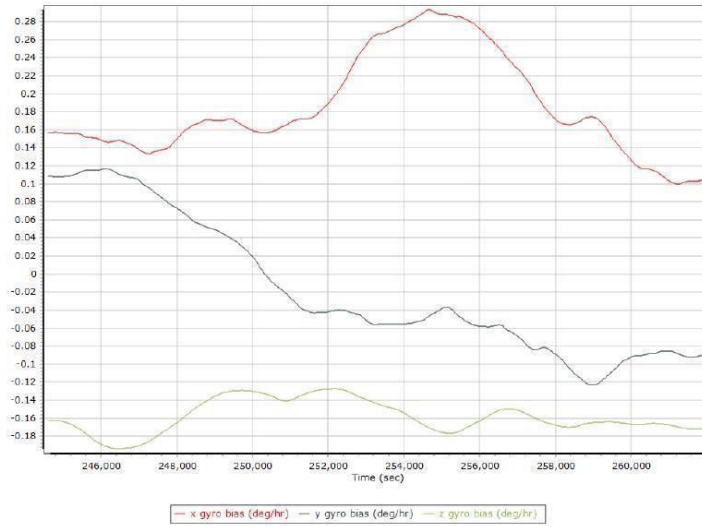
Accelerometer Bias (micro-g)



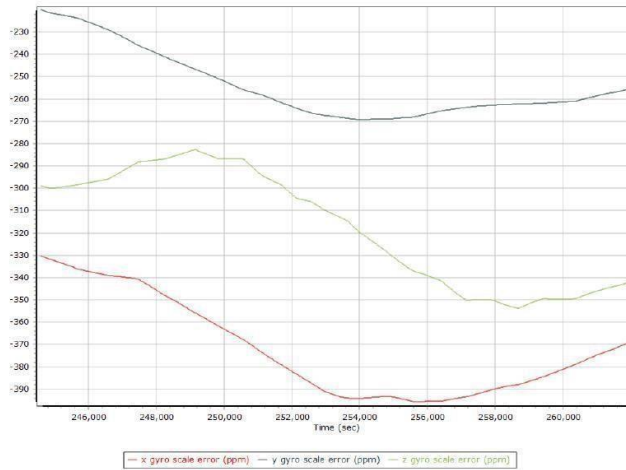
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)

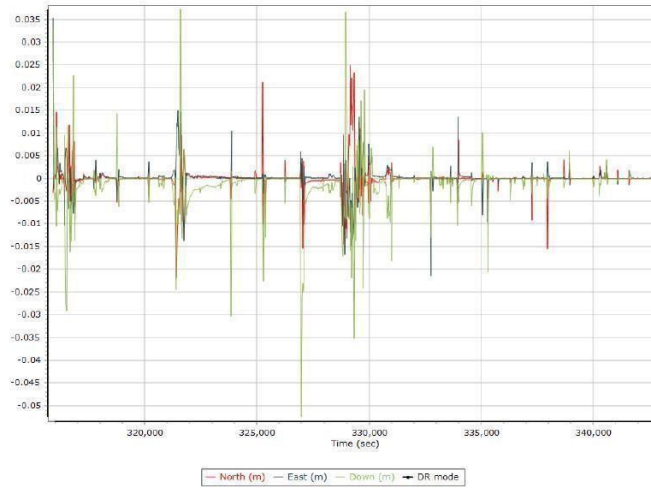


Gyro Scale Error (ppm)

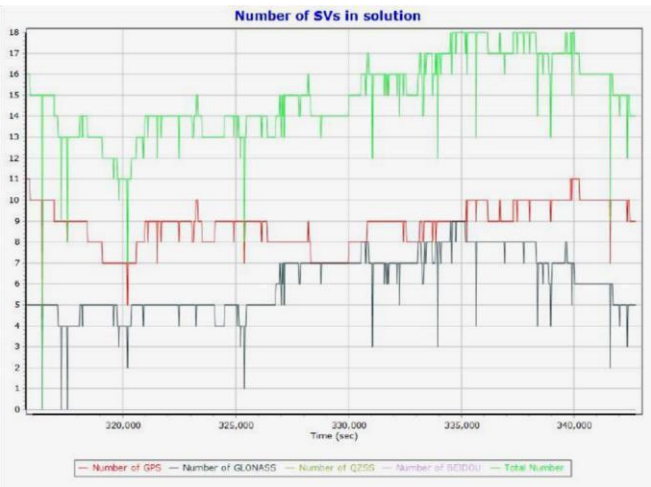
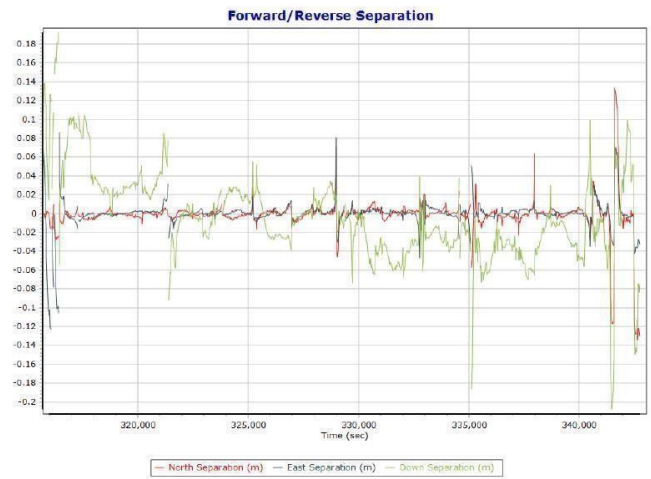


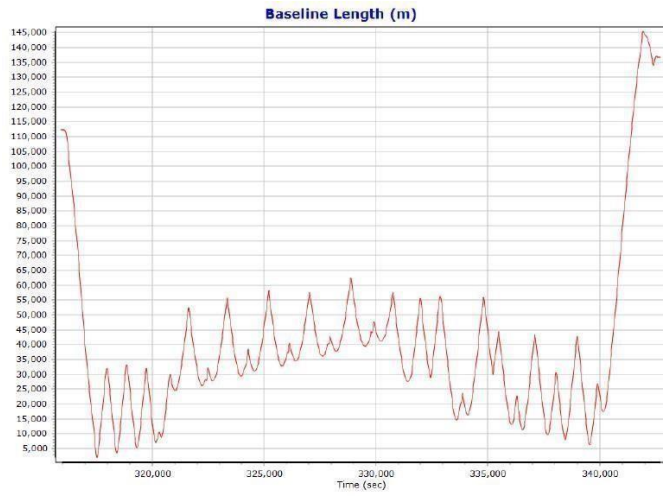
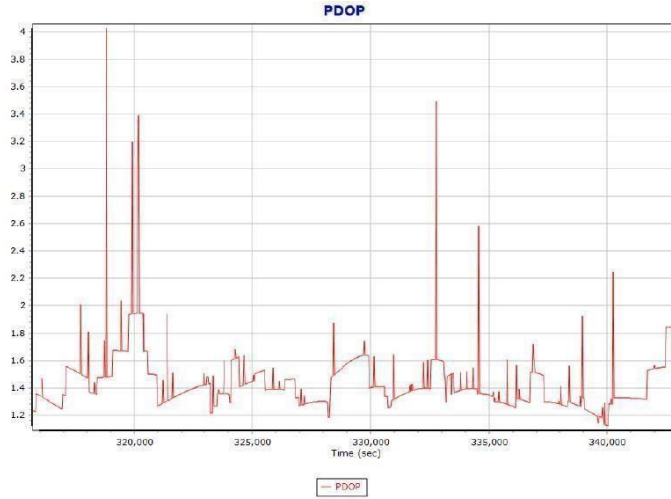
MISSION 2 (032118)

SBET IAKAR Separation

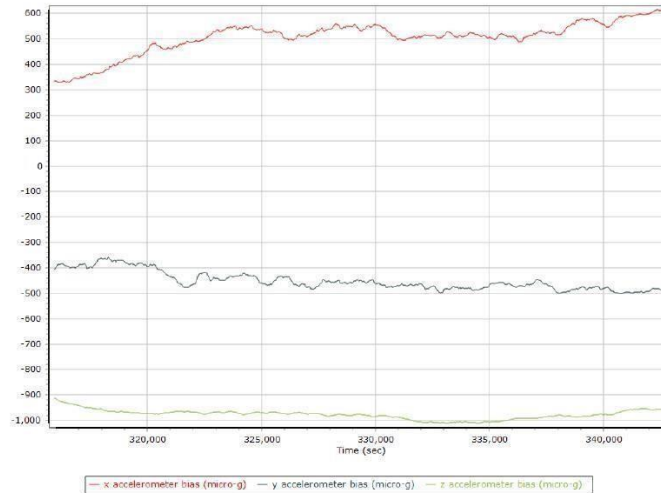


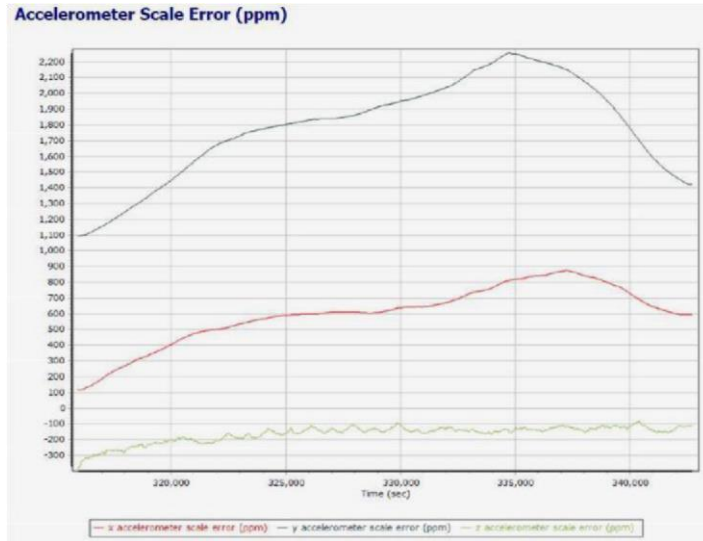
Forward/Reverse Separation



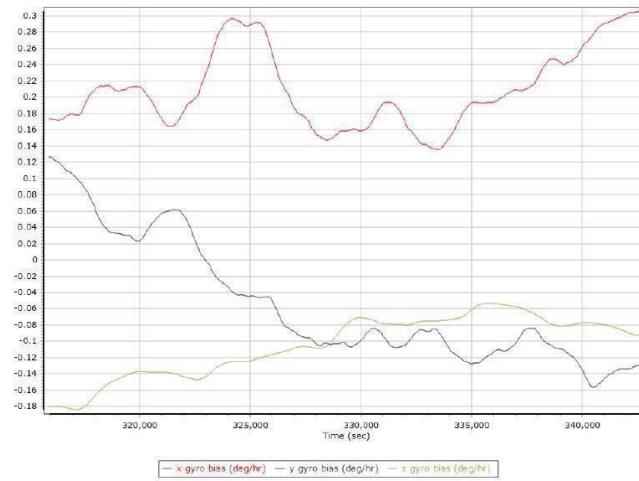


Accelerometer Bias (micro-g)

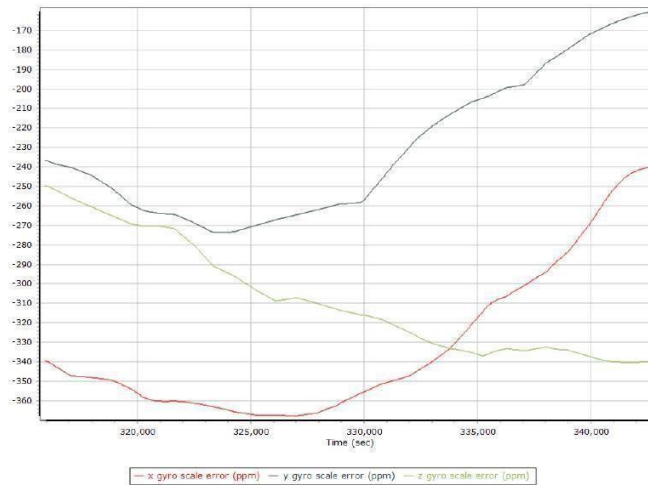




Gyro Bias (deg/h)



Gyro Scale Error (ppm)



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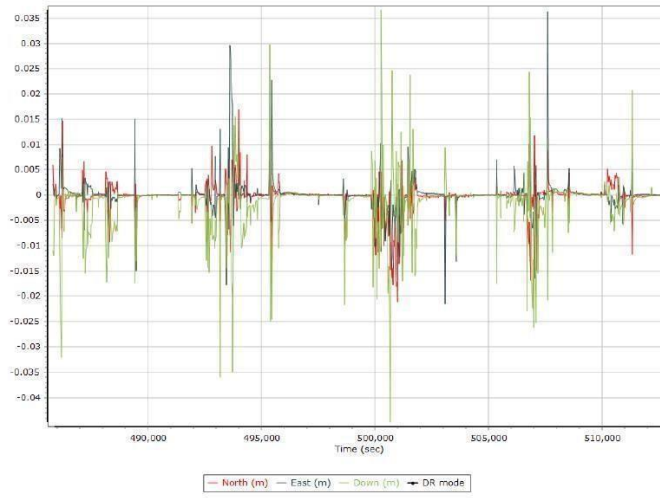
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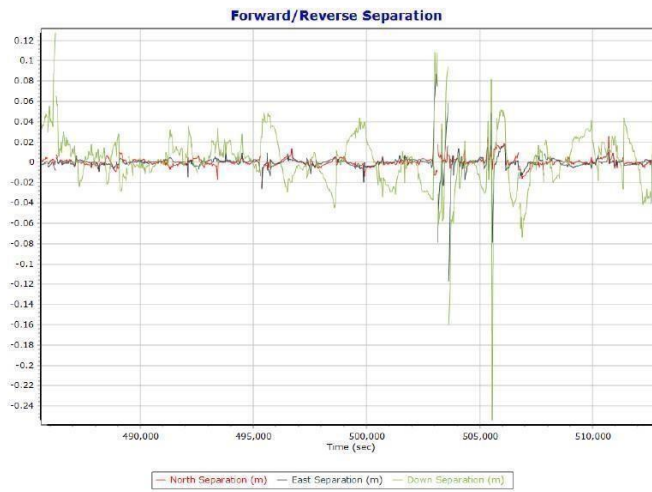
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MISSION 3 (033018)

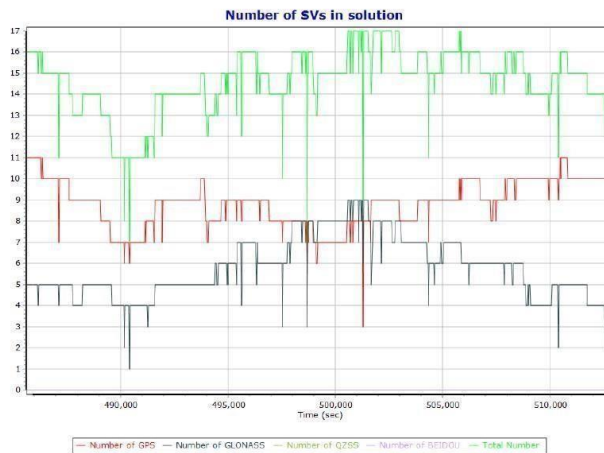
SBET IAKAR Separation

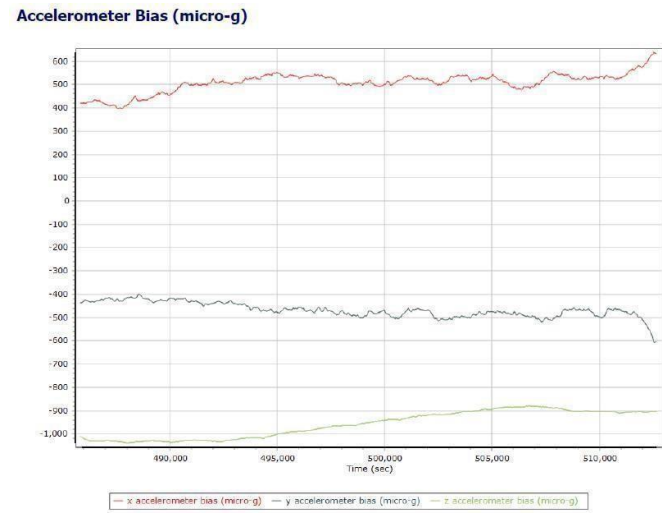
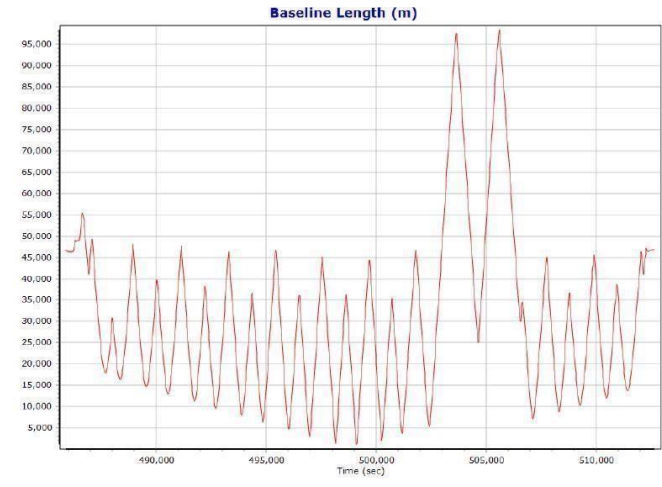
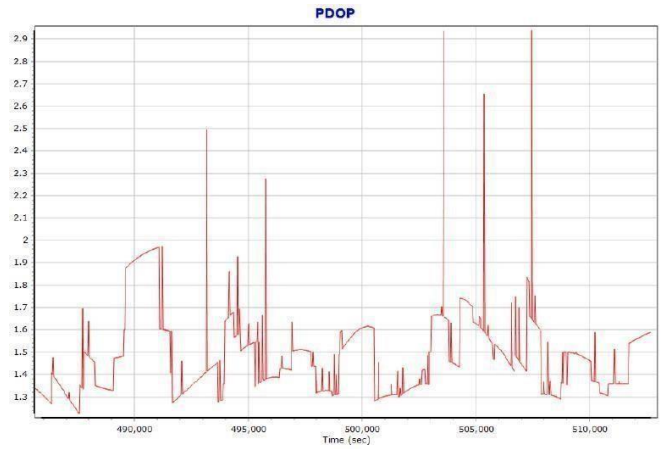


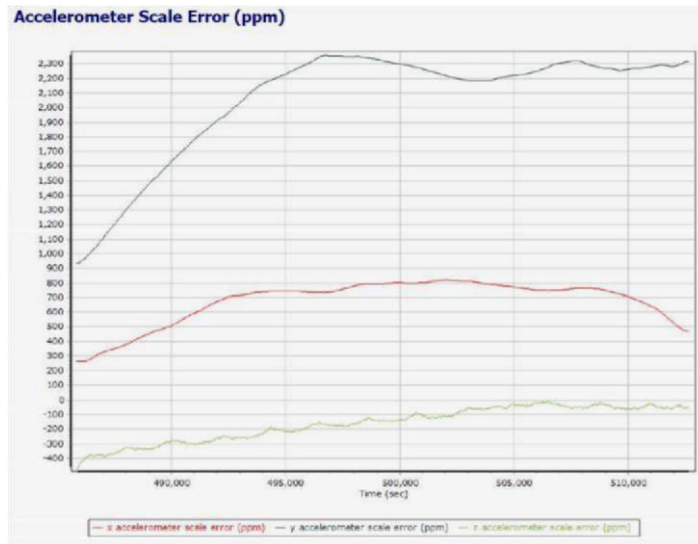
Forward/Reverse Separation



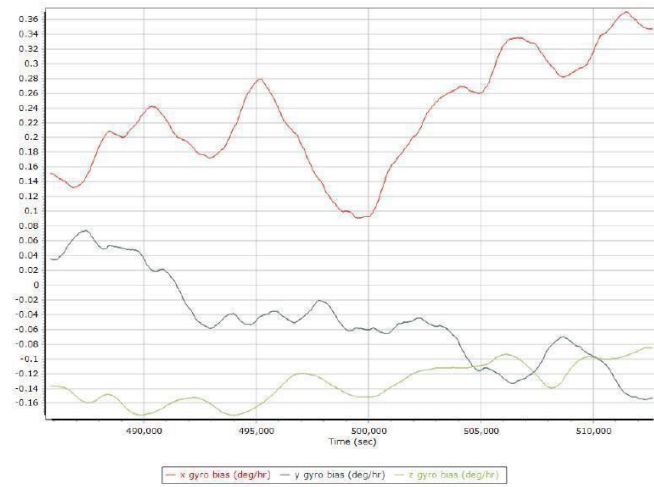
Num SVs in solution



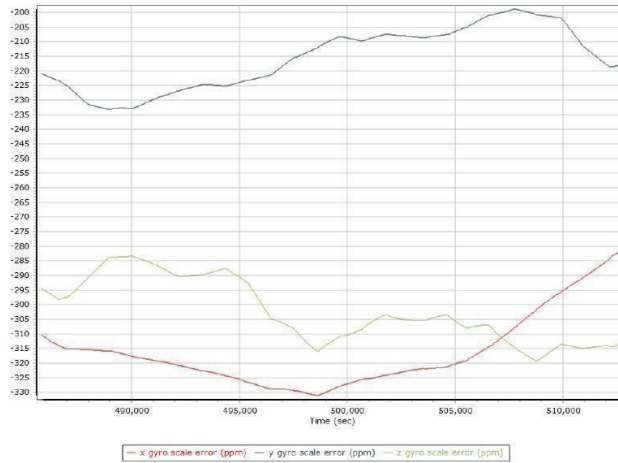




Gyro Bias (deg/h)



Gyro Scale Error (ppm)



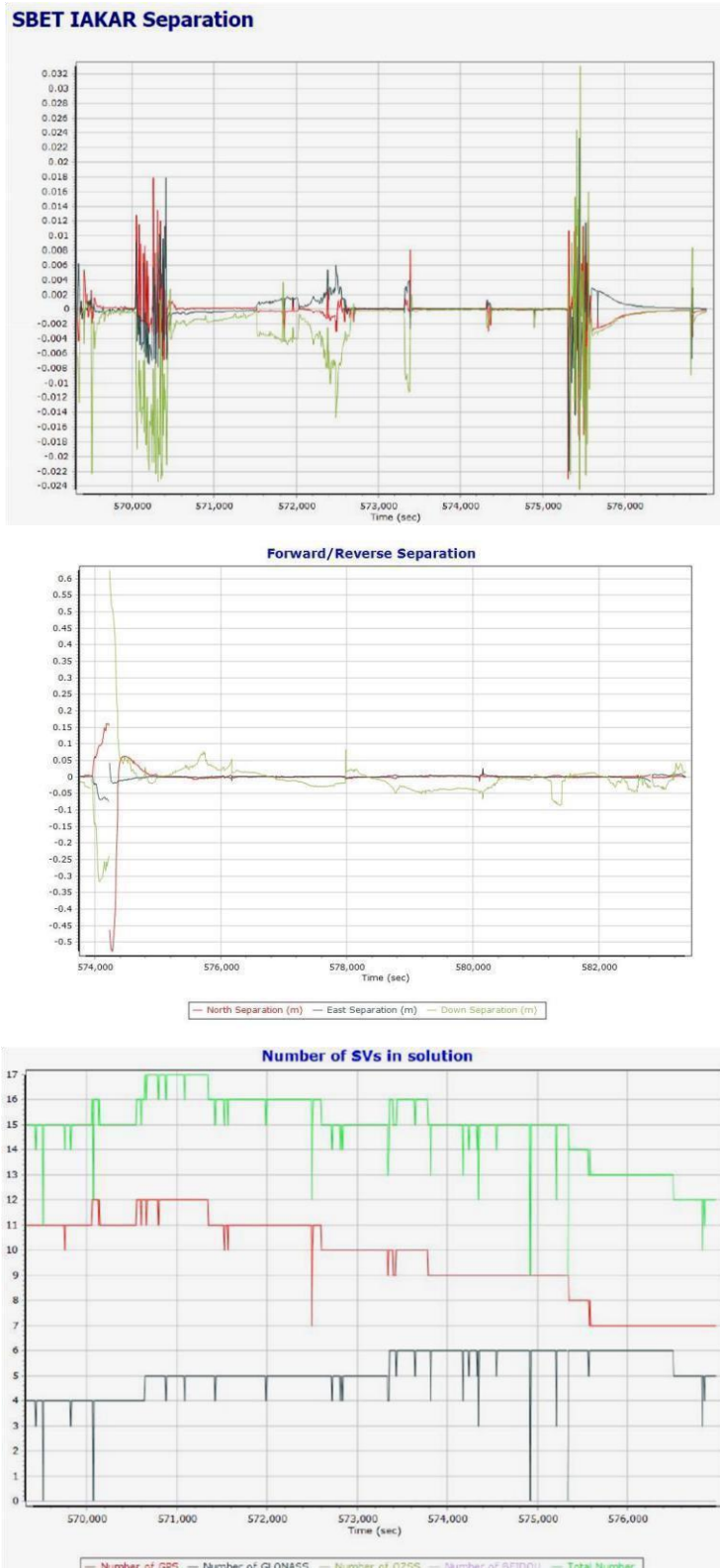
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MISSION 4 (033118)



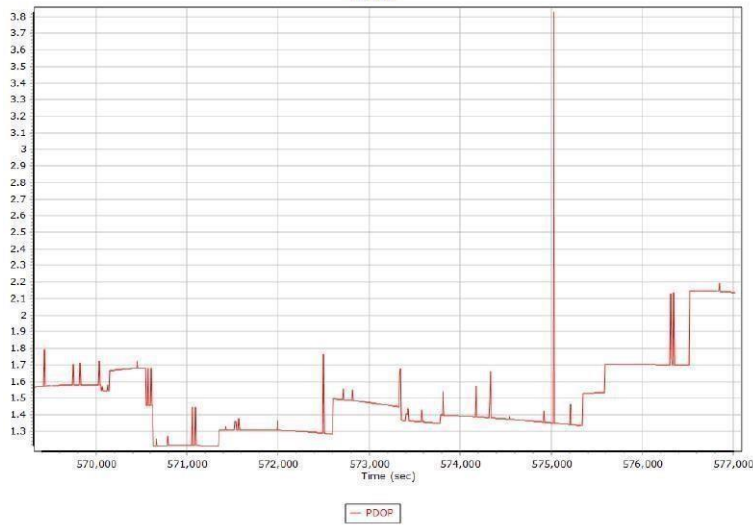
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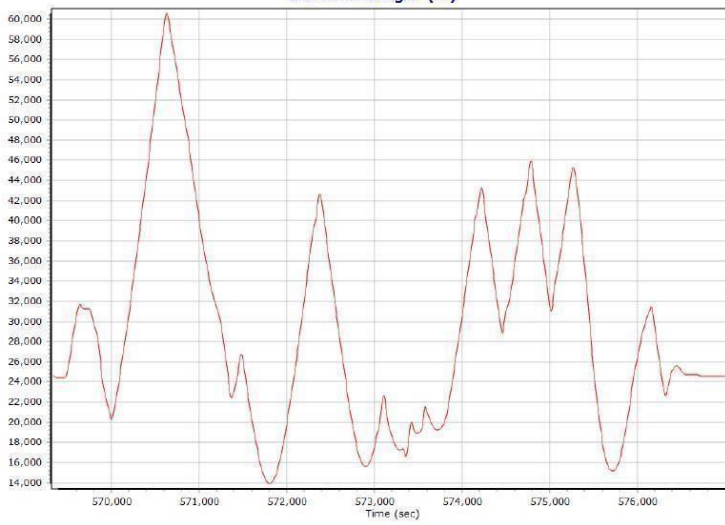
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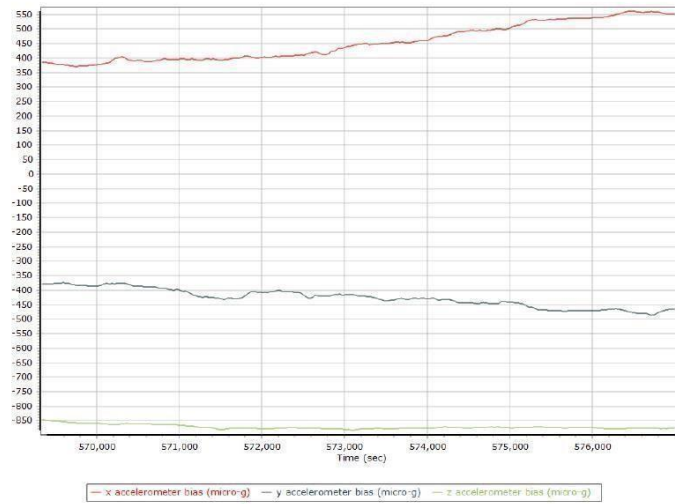
PDOP



Baseline Length (m)



Accelerometer Bias (micro-g)

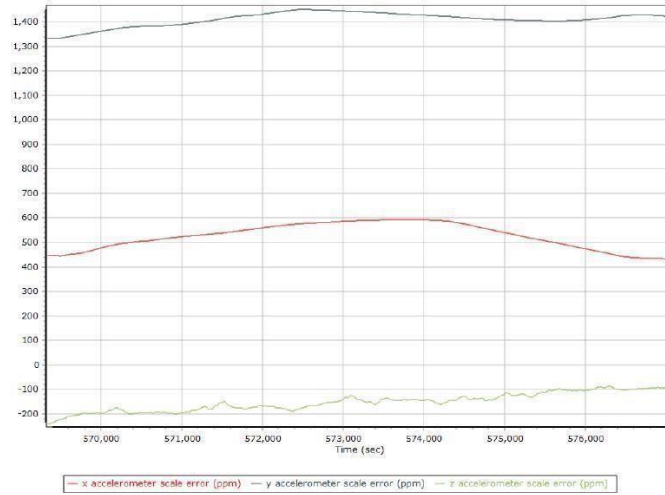


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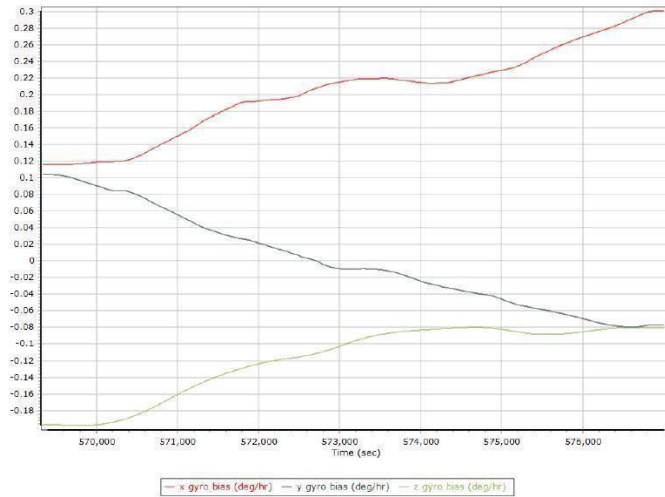
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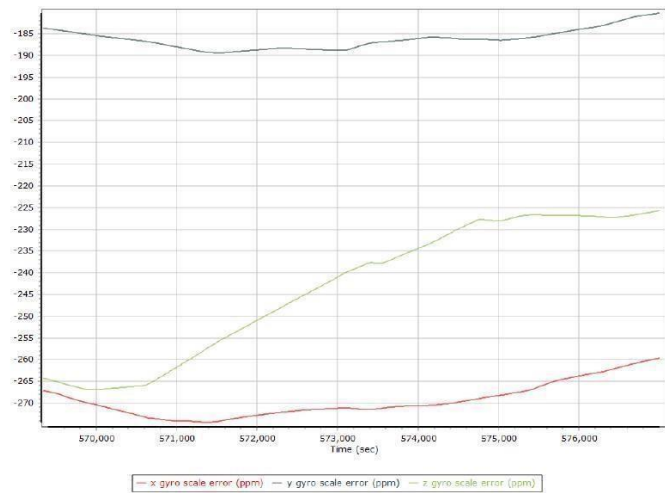
Accelerometer Scale Error (ppm)

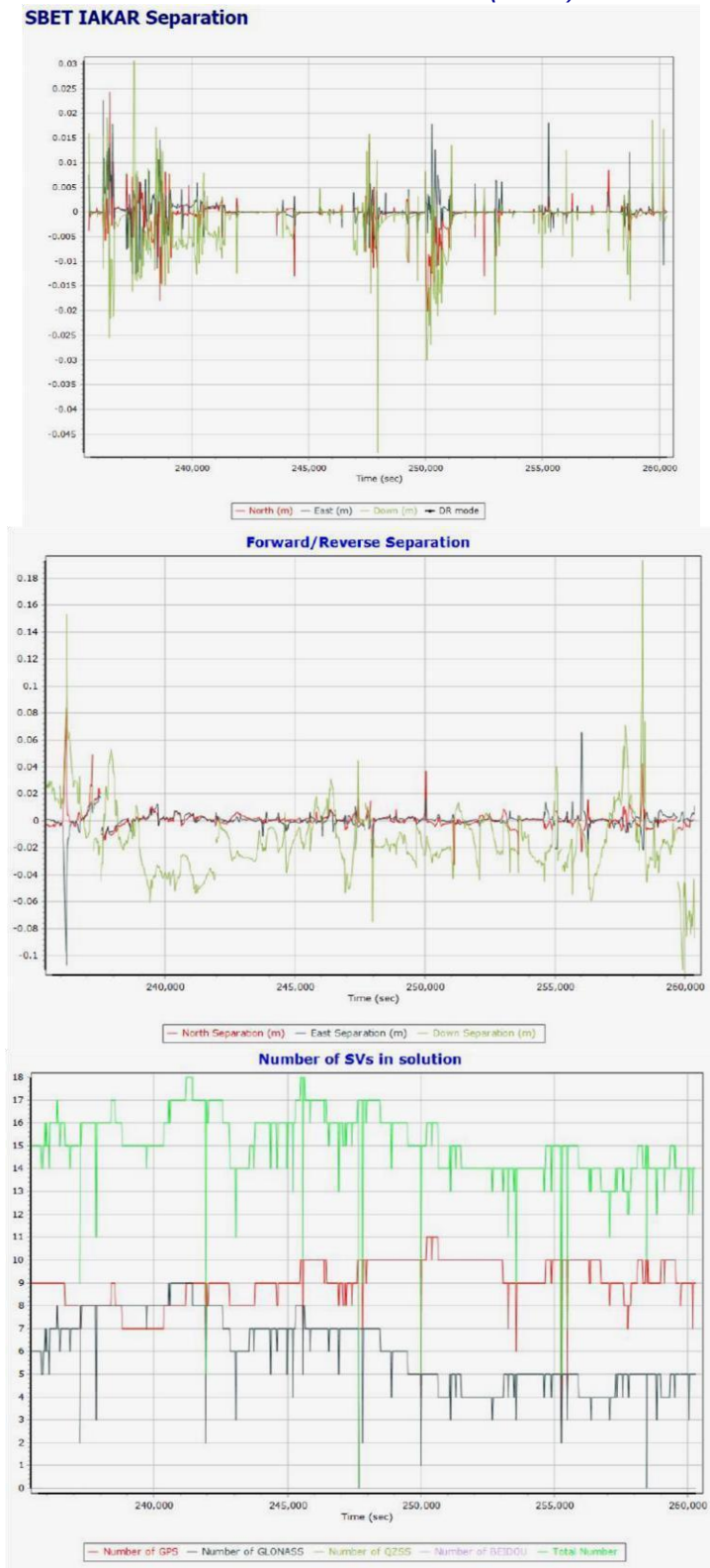


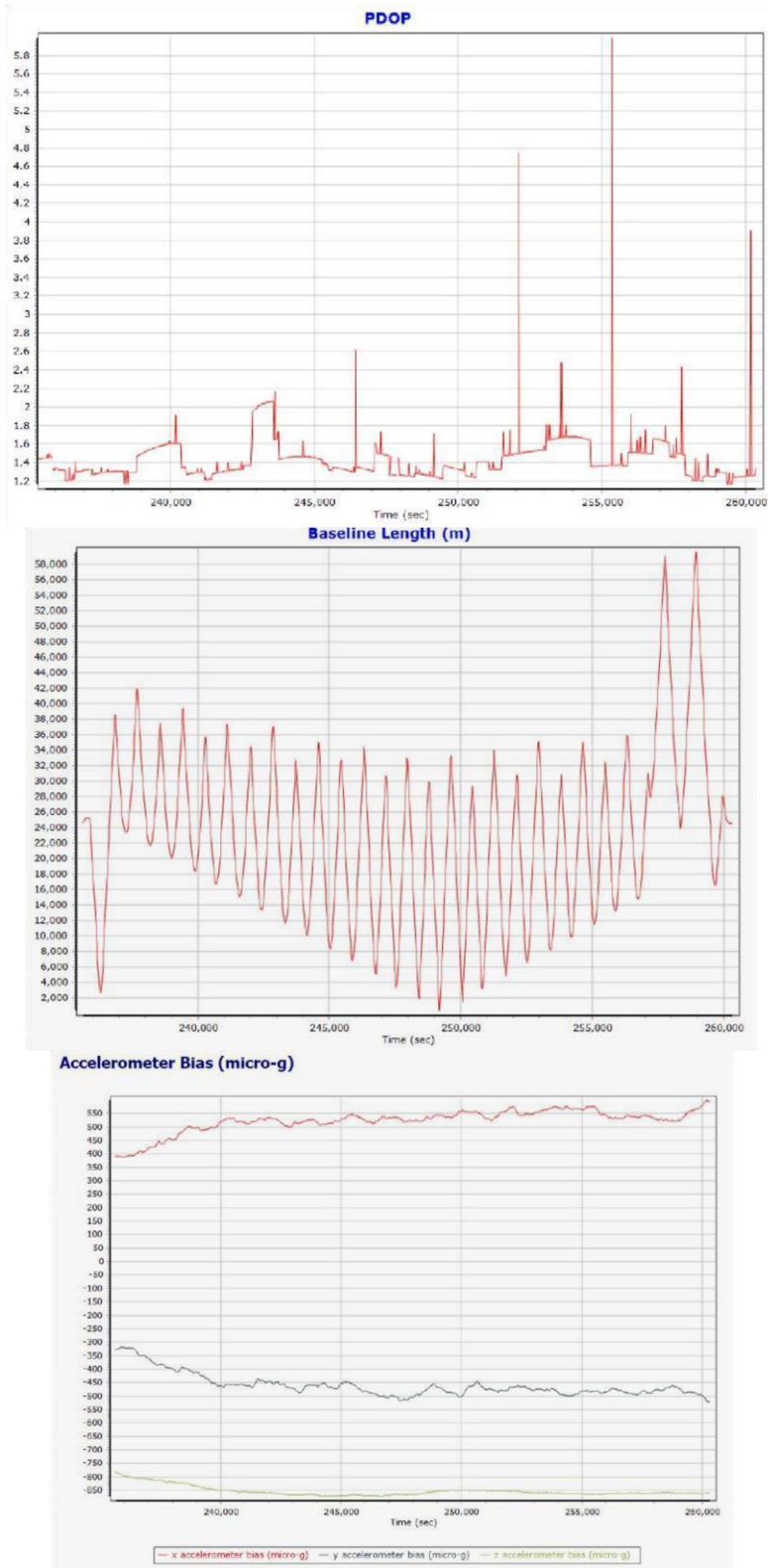
Gyro Bias (deg/h)



Gyro Scale Error (ppm)







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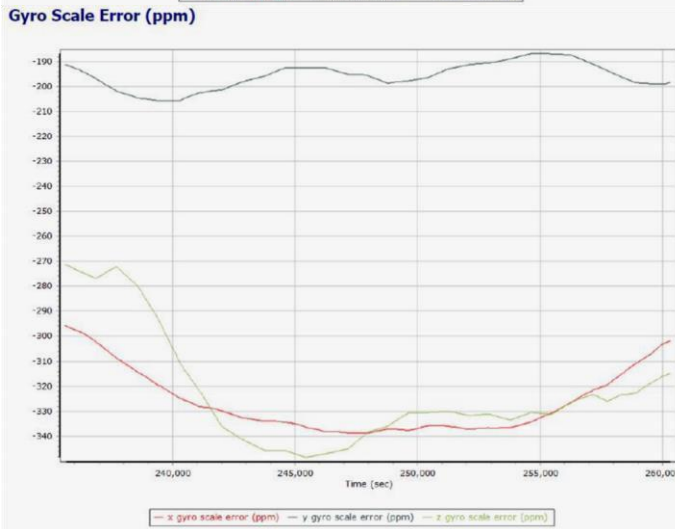
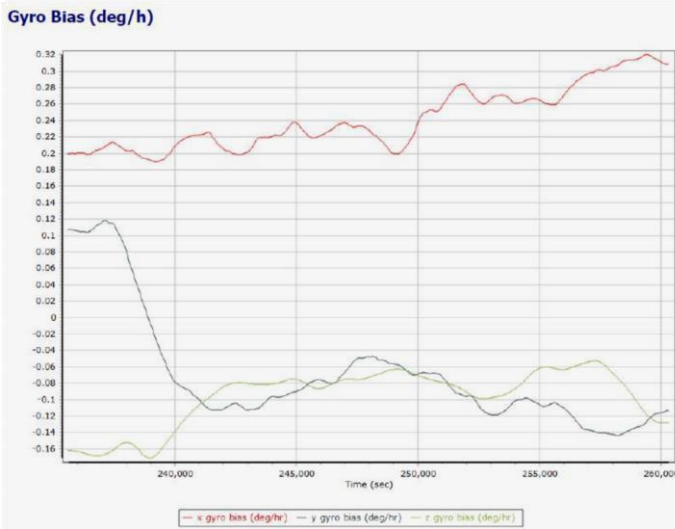
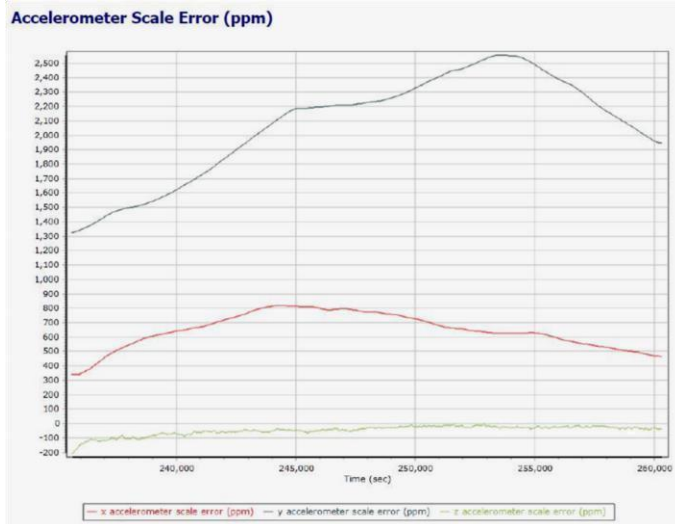
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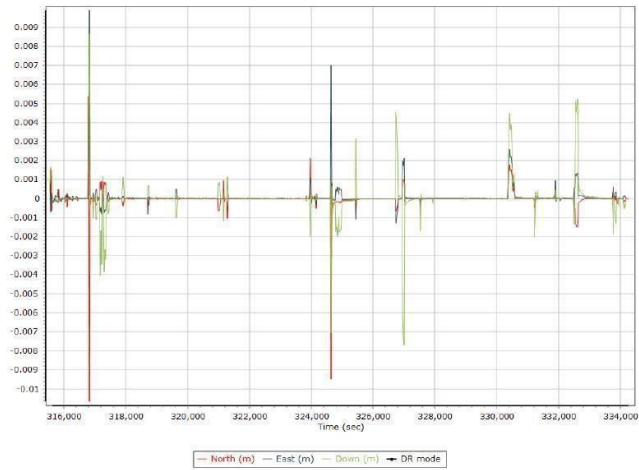


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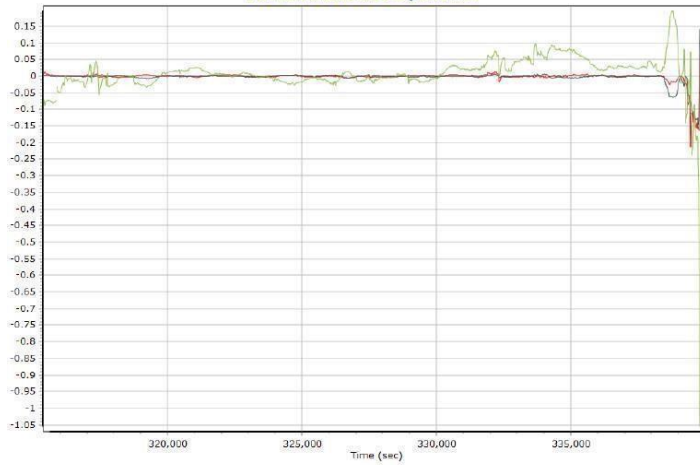
MISSION 6 (040418)

SBET IAKAR Separation



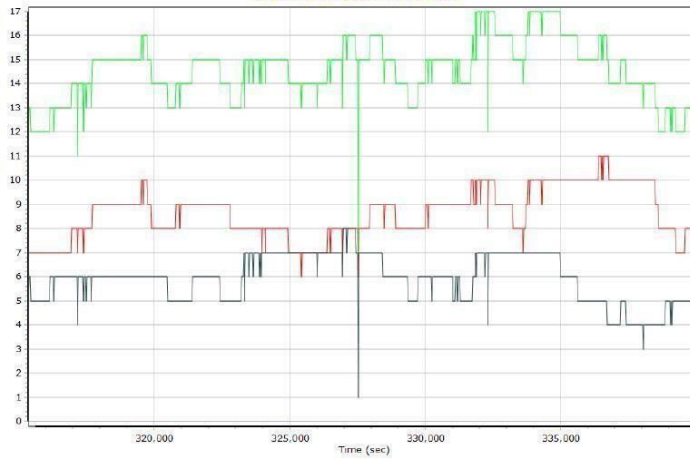
— North (m) — East (m) — Down (m) — DR mode

Forward/Reverse Separation



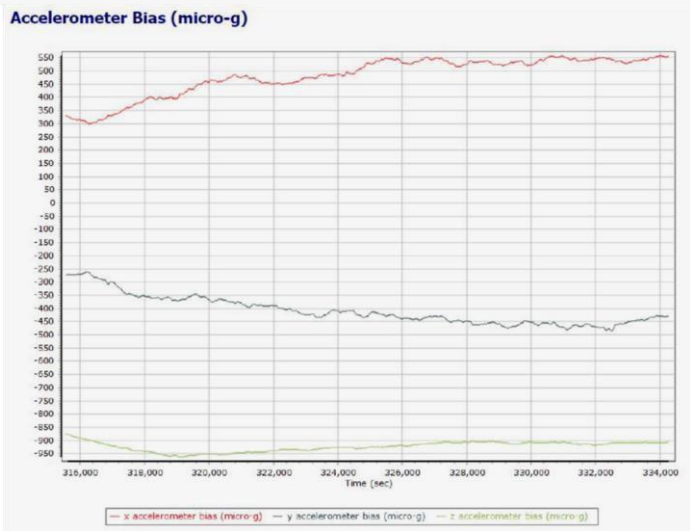
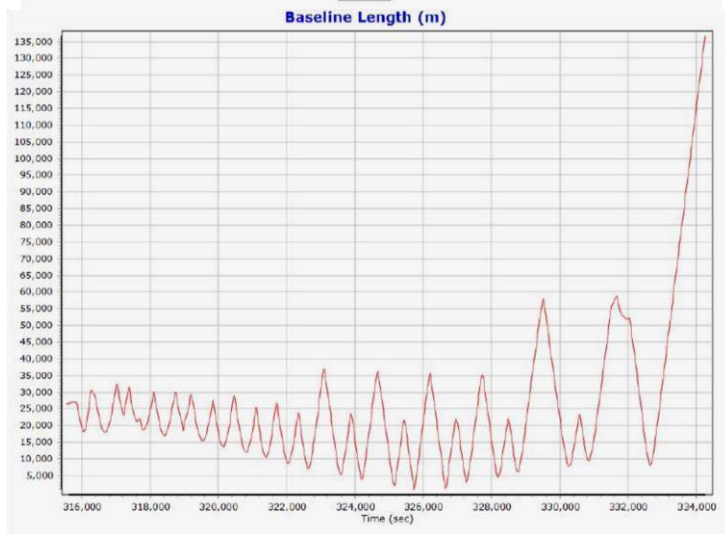
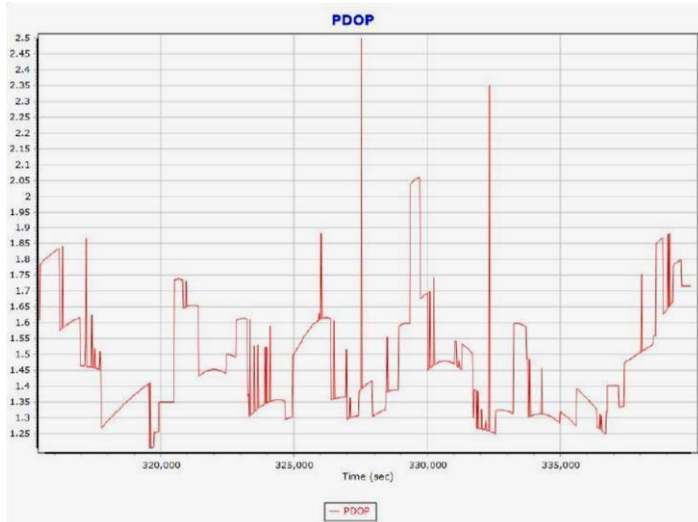
— North Separation (m) — East Separation (m) — Down Separation (m)

Number of SVs in solution



— Number of GPS — Number of GLONASS — Number of QZSS — Number of BEIDOU — Total Number

Date:

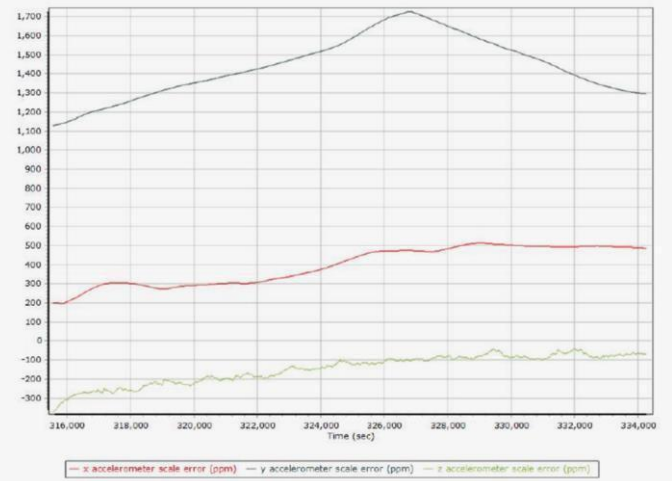


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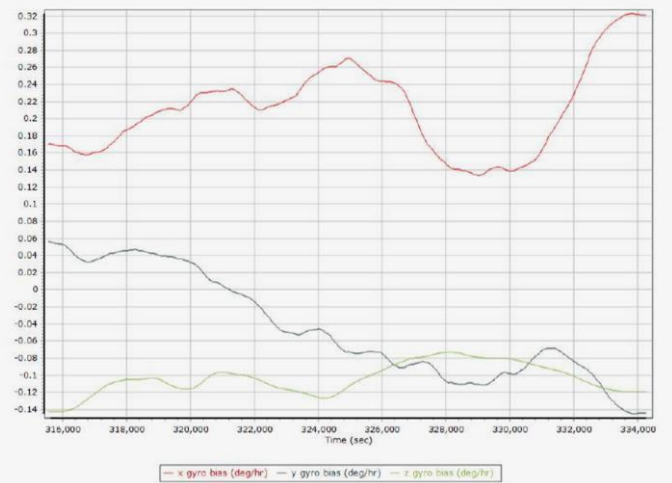
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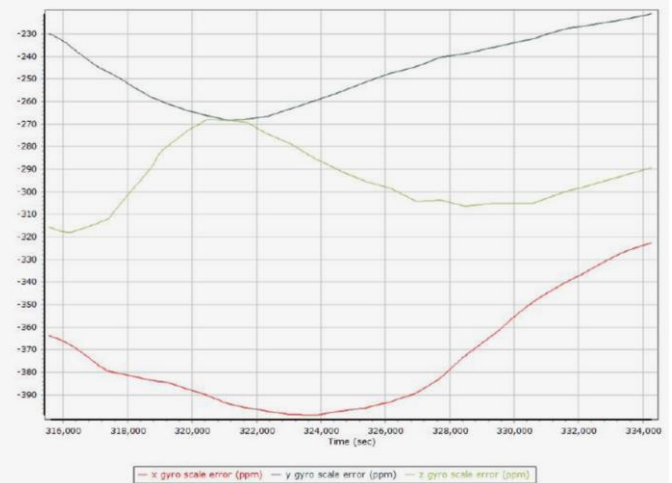
Accelerometer Scale Error (ppm)



Gyro Bias (deg/h)



Gyro Scale Error (ppm)



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