

General Information

Mission Information

Project name	XSS20052B_177
Processing date	2020-02-24 18:37:21
Mission date	2020-02-21 18:41:32
Mission duration	03:52:35.000
Processing mode	IN-Fusion SmartBase
GPS Station	ASB

Rover Hardware Information

Product	POS AV 610 VER6 HW2.5-12
Serial number	S/N9876
IMU type	57
Receiver type	BD982
Antenna type	AV39

Project File List

Rover Data Files

File name	File type
XSS20052.983	POS Data
XSS20052.984	POS Data
XSS20052.985	POS Data
XSS20052.986	POS Data
XSS20052.987	POS Data
XSS20052.988	POS Data
XSS20052.989	POS Data
XSS20052.990	POS Data
XSS20052.991	POS Data
XSS20052.992	POS Data
XSS20052.993	POS Data
XSS20052.994	POS Data
XSS20052.995	POS Data
XSS20052.996	POS Data
XSS20052.997	POS Data
XSS20052.998	POS Data
XSS20052.999	POS Data

Input Files

File Name	File Type
Ephm0520.20g	GLONASS Broadcast Ephemeris
Ephm0520.20n	GPS Broadcast Ephemeris
wvbr0520.20o	GNSS SingleBase
wvcv0520.20o	GNSS SingleBase
wvmz0520.20o	GNSS SingleBase
wvnr0520.20o	GNSS SingleBase
wvra0520.20o	GNSS SingleBase
wvsh0520.20o	GNSS SingleBase
wvta0520.20o	GNSS SingleBase
igr20934.sp3	GPS Precise Ephemeris
igr20935.sp3	GPS Precise Ephemeris
igr20936.sp3	GPS Precise Ephemeris

Output Files

Filename	File type
sbet_XSS20052B_177.out	SBET Trajectory File
export_XSS20052B_177.kml	Google KML Export Output

Rover Data Summary

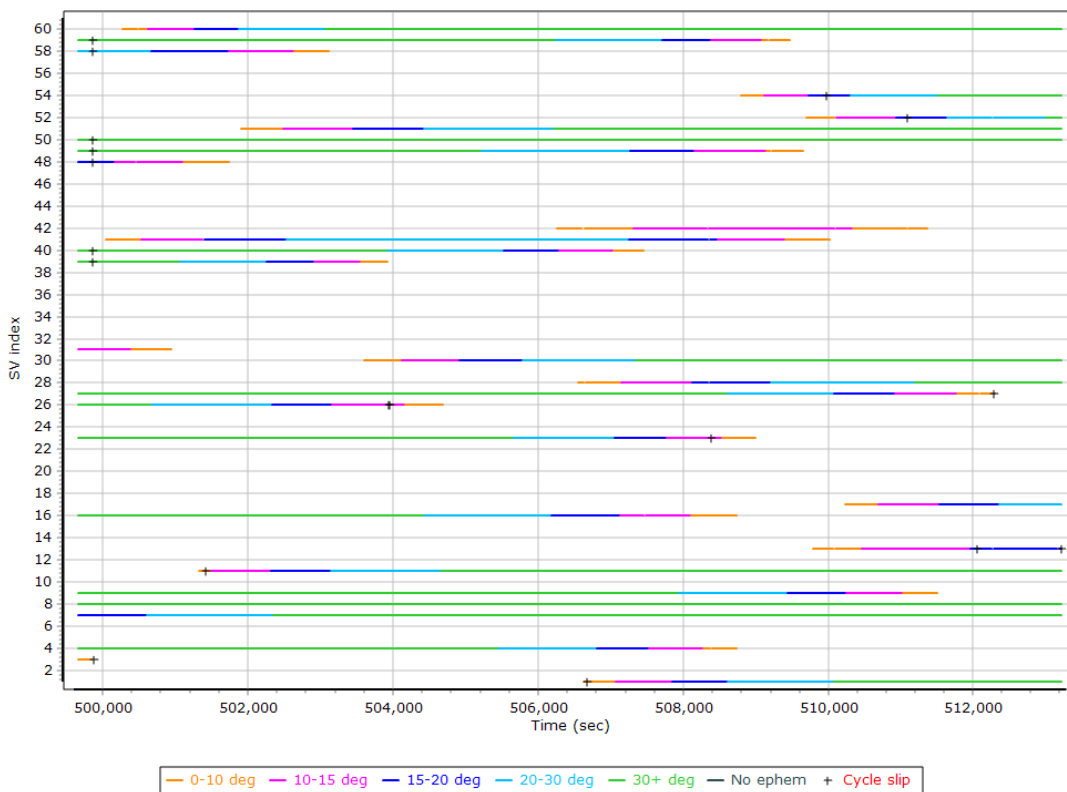
First raw data file	XSS20052.983		
Last raw data file	XSS20052.999		
Start GPS week	2093		
Start time	499273.670 (2/21/2020 6:41:13 PM)		
End time	513229.149 (2/21/2020 10:33:49 PM)		
Start of fine alignment	499603.740 (2/21/2020 6:46:43 PM)		
Available subsystems	Primary GNSS, Gimbal, IMU		
POS Event Input	None		
Correction data	None		
IMU Installation Lever Arms & Mounting Angles			
Gimbal to IMU lever arm (m)	0.000	0.000	0.000
Gimbal to IMU mounting angles (deg)	0.000	0.000	0.000
Gimbal to Primary GNSS lever arm (m)	0.000	0.000	0.000
Gimbal to Primary GNSS lever arm std dev (m)	-1.000		
Aircraft to Reference mounting angles (deg)	0.000	0.000	0.000

Raw Data QC

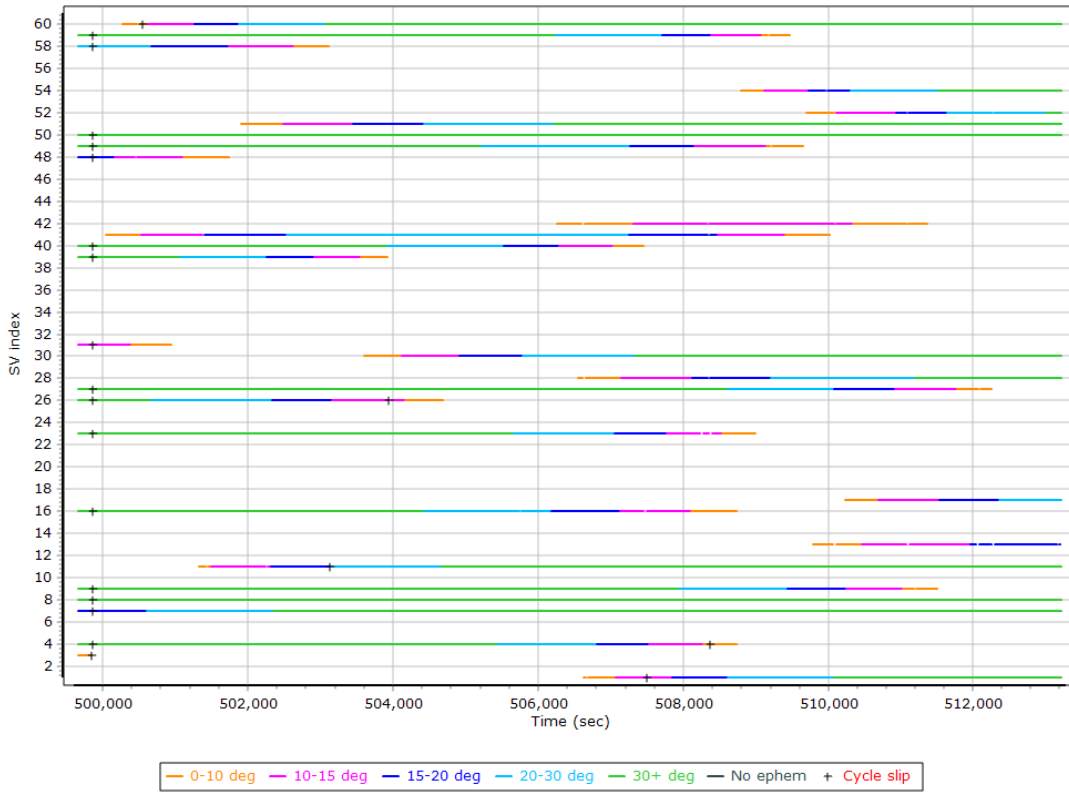
Raw IMU Import QC Summary

IMU data input file	imu_XSS20052B_177.dat
IMU data check log file	imudt_XSS20052B_177.log
IMU Records Processed	2790529
Termination Status	Normal
IMU Anomalies	0

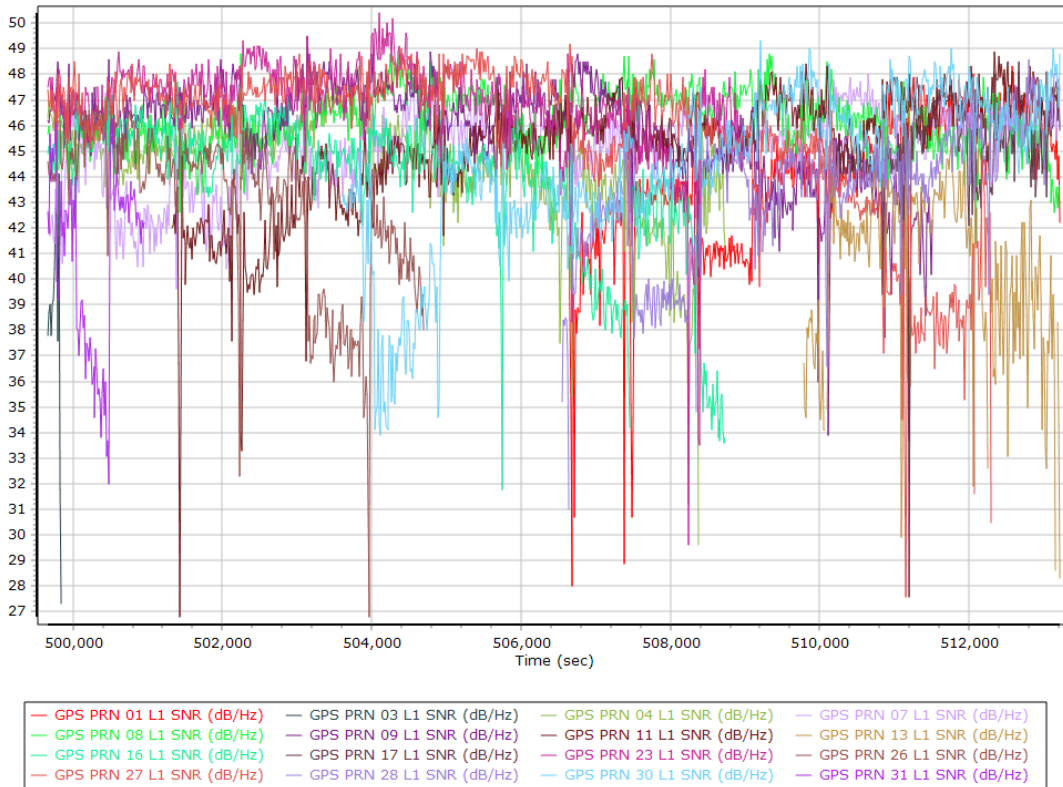
L1 Satellite Lock/Elevation



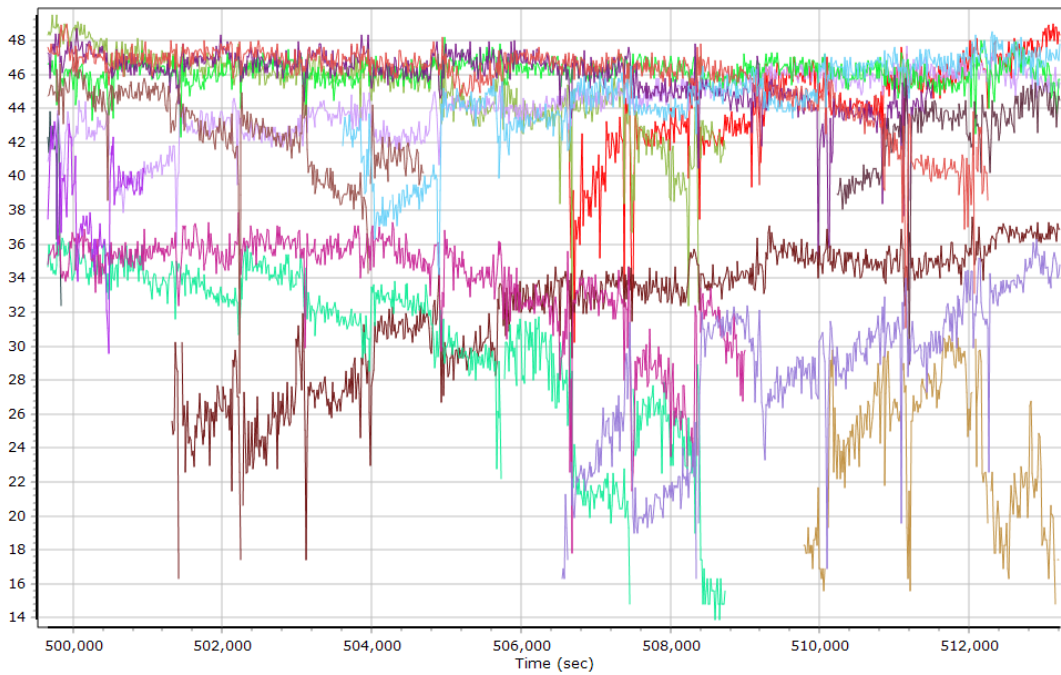
L2 Satellite Lock/Elevation



GPS L1 SNR

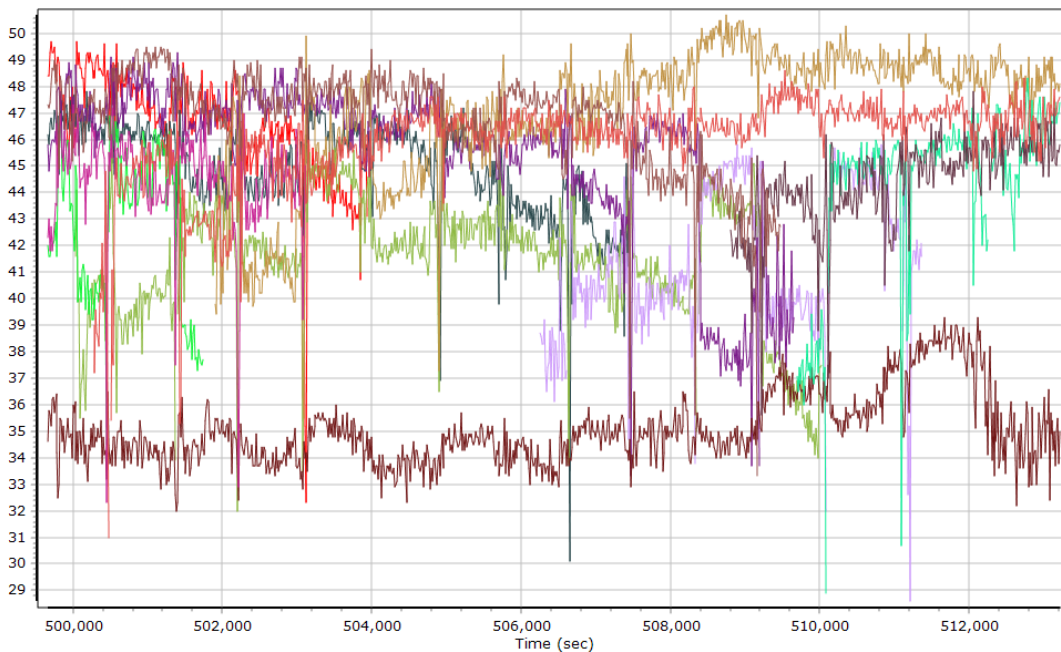


GPS L2 SNR



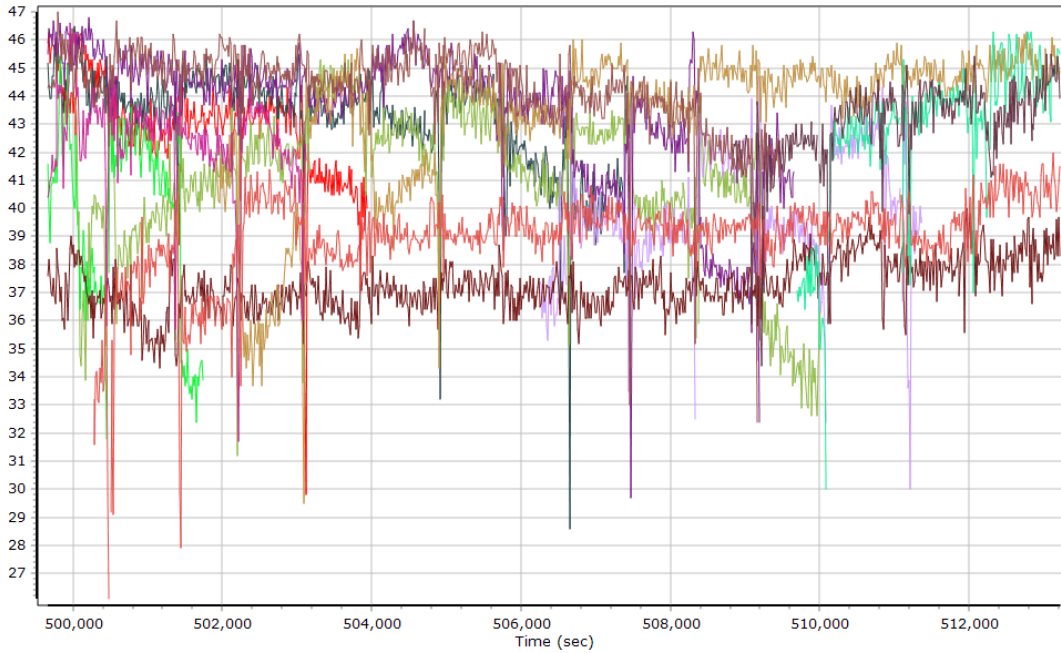
- | | | | |
|---------------------------|---------------------------|---------------------------|---------------------------|
| GPS PRN 01 L2 SNR (dB/Hz) | GPS PRN 03 L2 SNR (dB/Hz) | GPS PRN 04 L2 SNR (dB/Hz) | GPS PRN 07 L2 SNR (dB/Hz) |
| GPS PRN 08 L2 SNR (dB/Hz) | GPS PRN 09 L2 SNR (dB/Hz) | GPS PRN 11 L2 SNR (dB/Hz) | GPS PRN 13 L2 SNR (dB/Hz) |
| GPS PRN 16 L2 SNR (dB/Hz) | GPS PRN 17 L2 SNR (dB/Hz) | GPS PRN 23 L2 SNR (dB/Hz) | GPS PRN 26 L2 SNR (dB/Hz) |
| GPS PRN 27 L2 SNR (dB/Hz) | GPS PRN 28 L2 SNR (dB/Hz) | GPS PRN 30 L2 SNR (dB/Hz) | GPS PRN 31 L2 SNR (dB/Hz) |

GLONASS L1 SNR



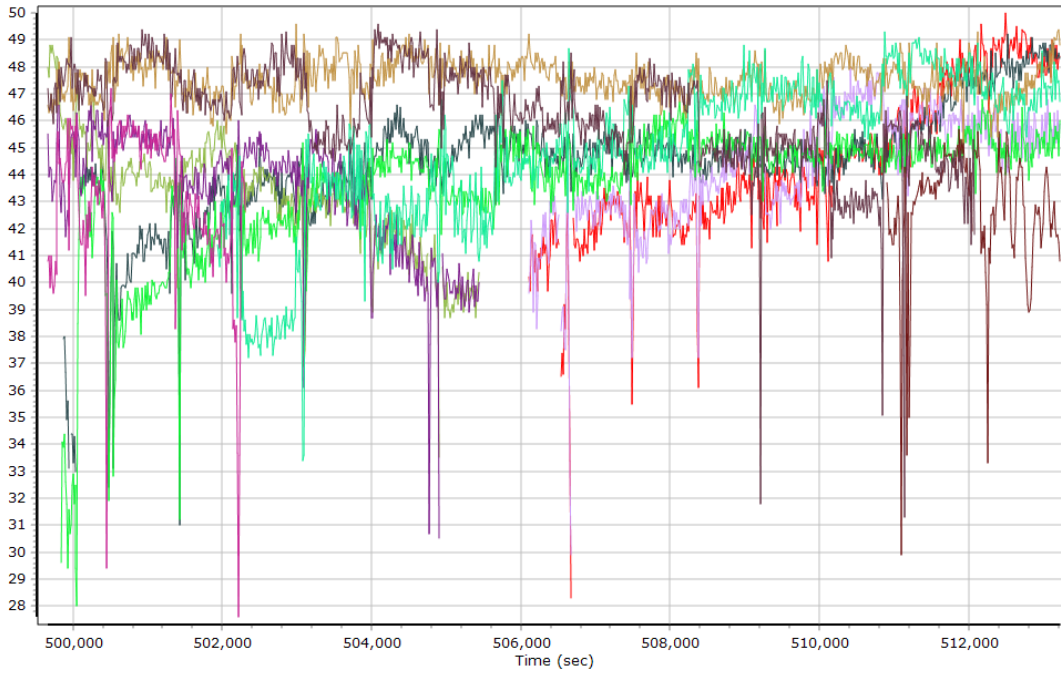
- | | | |
|---------------------------|---------------------------|---------------------------|
| GLONASS 02 L1 SNR (dB/Hz) | GLONASS 03 L1 SNR (dB/Hz) | GLONASS 04 L1 SNR (dB/Hz) |
| GLONASS 05 L1 SNR (dB/Hz) | GLONASS 11 L1 SNR (dB/Hz) | GLONASS 12 L1 SNR (dB/Hz) |
| GLONASS 13 L1 SNR (dB/Hz) | GLONASS 14 L1 SNR (dB/Hz) | GLONASS 15 L1 SNR (dB/Hz) |
| GLONASS 17 L1 SNR (dB/Hz) | GLONASS 21 L1 SNR (dB/Hz) | GLONASS 22 L1 SNR (dB/Hz) |
| GLONASS 23 L1 SNR (dB/Hz) | | |

GLONASS L2 SNR



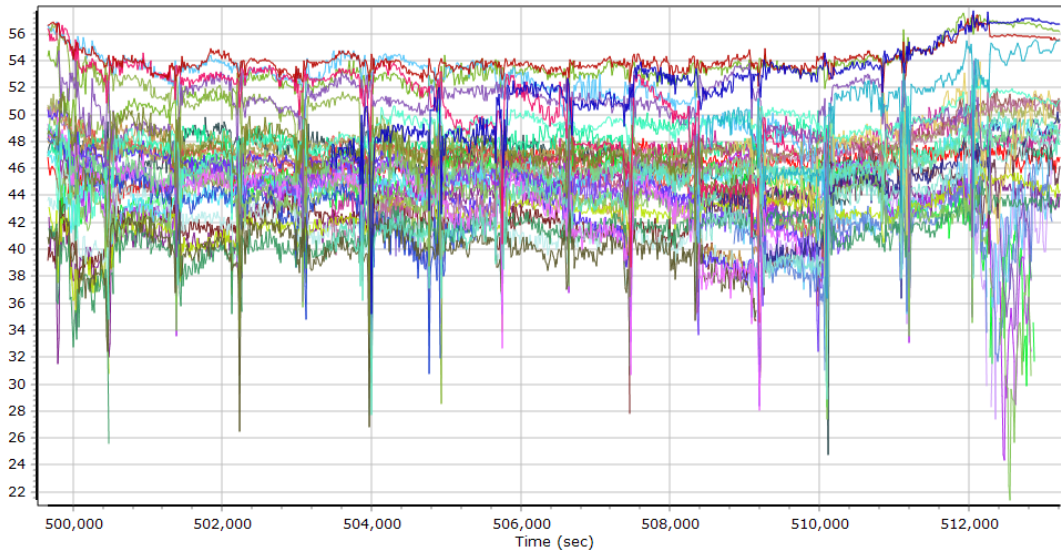
- | | | |
|---------------------------|---------------------------|---------------------------|
| GLONASS 02 L2 SNR (dB/Hz) | GLONASS 03 L2 SNR (dB/Hz) | GLONASS 04 L2 SNR (dB/Hz) |
| GLONASS 05 L2 SNR (dB/Hz) | GLONASS 11 L2 SNR (dB/Hz) | GLONASS 12 L2 SNR (dB/Hz) |
| GLONASS 13 L2 SNR (dB/Hz) | GLONASS 14 L2 SNR (dB/Hz) | GLONASS 15 L2 SNR (dB/Hz) |
| GLONASS 17 L2 SNR (dB/Hz) | GLONASS 21 L2 SNR (dB/Hz) | GLONASS 22 L2 SNR (dB/Hz) |
| GLONASS 23 L2 SNR (dB/Hz) | | |

BEIDOU SNR



- | | | |
|------------------------------|------------------------------|------------------------------|
| BEIDOU 11 E5B B2 SNR (dB/Hz) | BEIDOU 12 E5B B2 SNR (dB/Hz) | BEIDOU 14 E5B B2 SNR (dB/Hz) |
| BEIDOU 11 B1 B1 SNR (dB/Hz) | BEIDOU 12 B1 B1 SNR (dB/Hz) | BEIDOU 14 B1 B1 SNR (dB/Hz) |
| BEIDOU 23 B1 B1 SNR (dB/Hz) | BEIDOU 24 B1 B1 SNR (dB/Hz) | BEIDOU 25 B1 B1 SNR (dB/Hz) |
| BEIDOU 26 B1 B1 SNR (dB/Hz) | BEIDOU 29 B1 B1 SNR (dB/Hz) | |

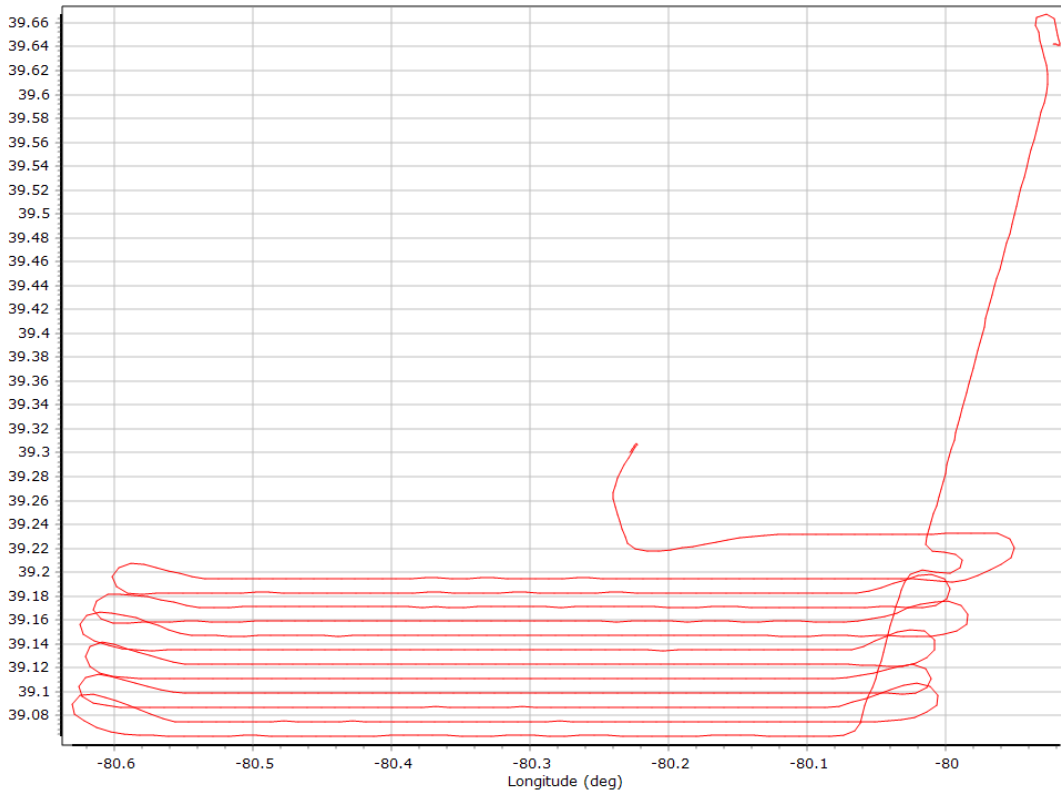
GALILEO SNR



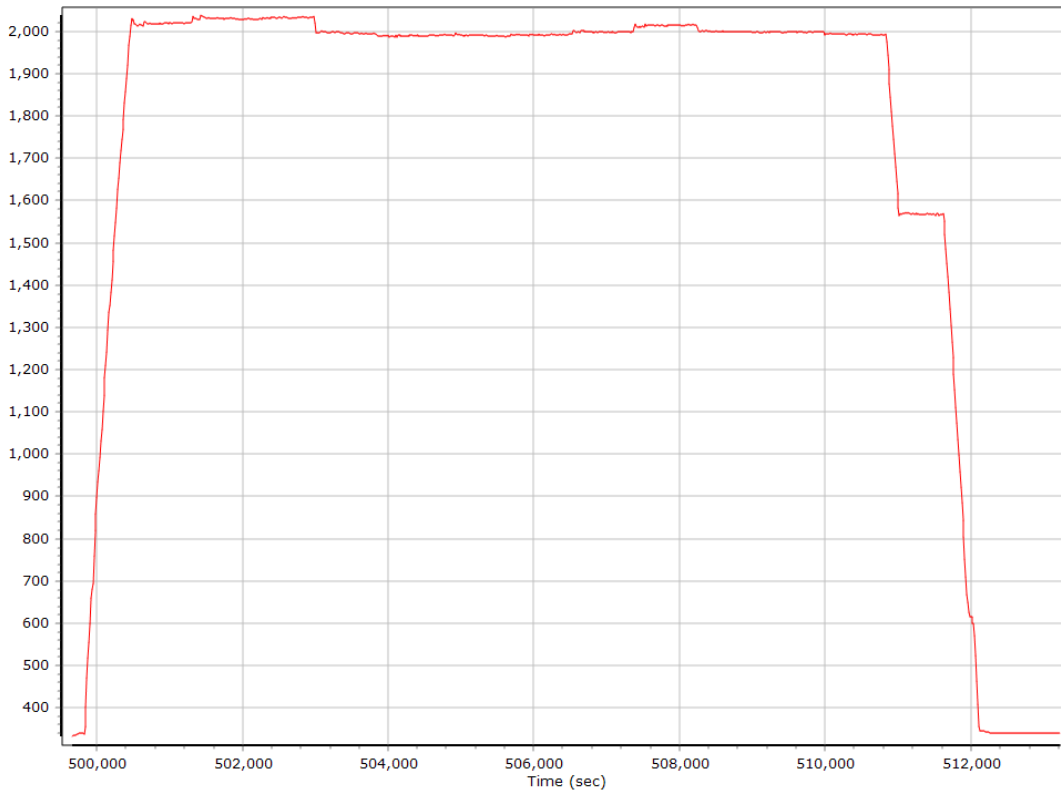
- | | |
|--|--|
| — GALILEO 02 L1 BOC_1_1_D_MBOC SNR (dB/Hz) | — GALILEO 03 L1 BOC_1_1_D_MBOC SNR (dB/Hz) |
| — GALILEO 05 L1 BOC_1_1_D_MBOC SNR (dB/Hz) | — GALILEO 07 L1 BOC_1_1_D_MBOC SNR (dB/Hz) |
| — GALILEO 08 L1 BOC_1_1_D_MBOC SNR (dB/Hz) | — GALILEO 11 L1 BOC_1_1_D_MBOC SNR (dB/Hz) |
| — GALILEO 12 L1 BOC_1_1_D_MBOC SNR (dB/Hz) | — GALILEO 24 L1 BOC_1_1_D_MBOC SNR (dB/Hz) |
| — GALILEO 25 L1 BOC_1_1_D_MBOC SNR (dB/Hz) | — GALILEO 30 L1 BOC_1_1_D_MBOC SNR (dB/Hz) |
| — GALILEO 36 L1 BOC_1_1_D_MBOC SNR (dB/Hz) | — GALILEO 02 L5E5A BPSK10_PD SNR (dB/Hz) |
| — GALILEO 03 L5E5A BPSK10_PD SNR (dB/Hz) | — GALILEO 05 L5E5A BPSK10_PD SNR (dB/Hz) |
| — GALILEO 07 L5E5A BPSK10_PD SNR (dB/Hz) | — GALILEO 08 L5E5A BPSK10_PD SNR (dB/Hz) |
| — GALILEO 11 L5E5A BPSK10_PD SNR (dB/Hz) | — GALILEO 12 L5E5A BPSK10_PD SNR (dB/Hz) |
| — GALILEO 24 L5E5A BPSK10_PD SNR (dB/Hz) | — GALILEO 25 L5E5A BPSK10_PD SNR (dB/Hz) |

Trajectory Information

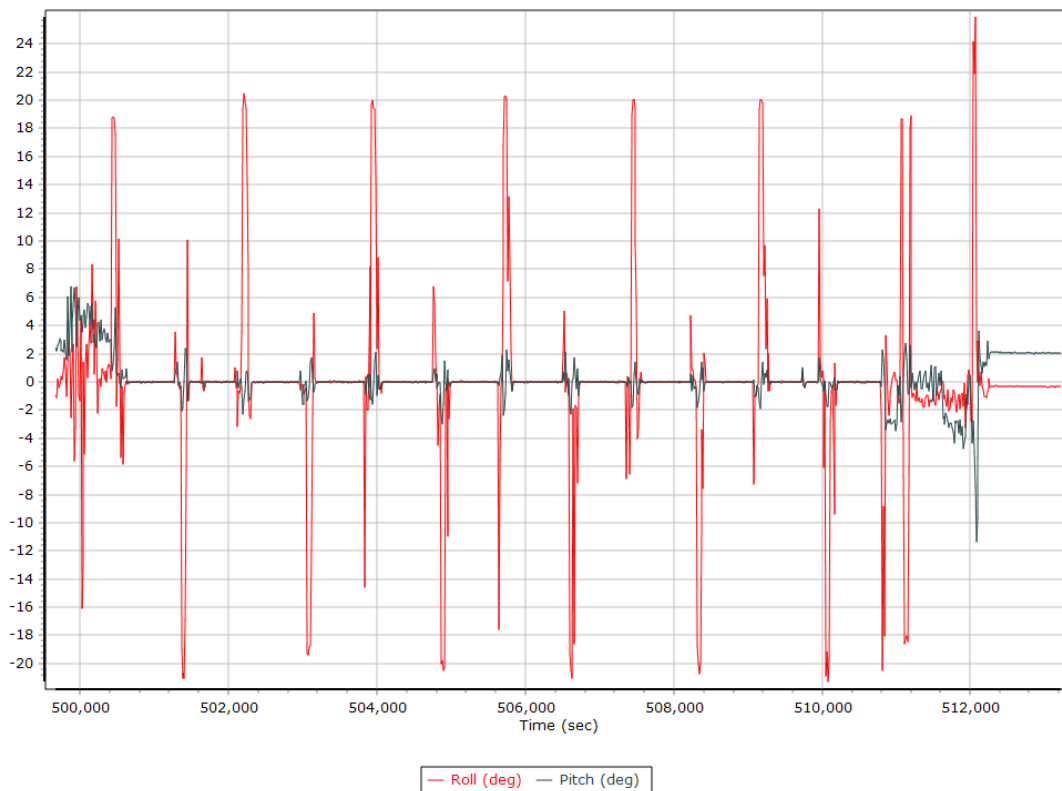
Top View



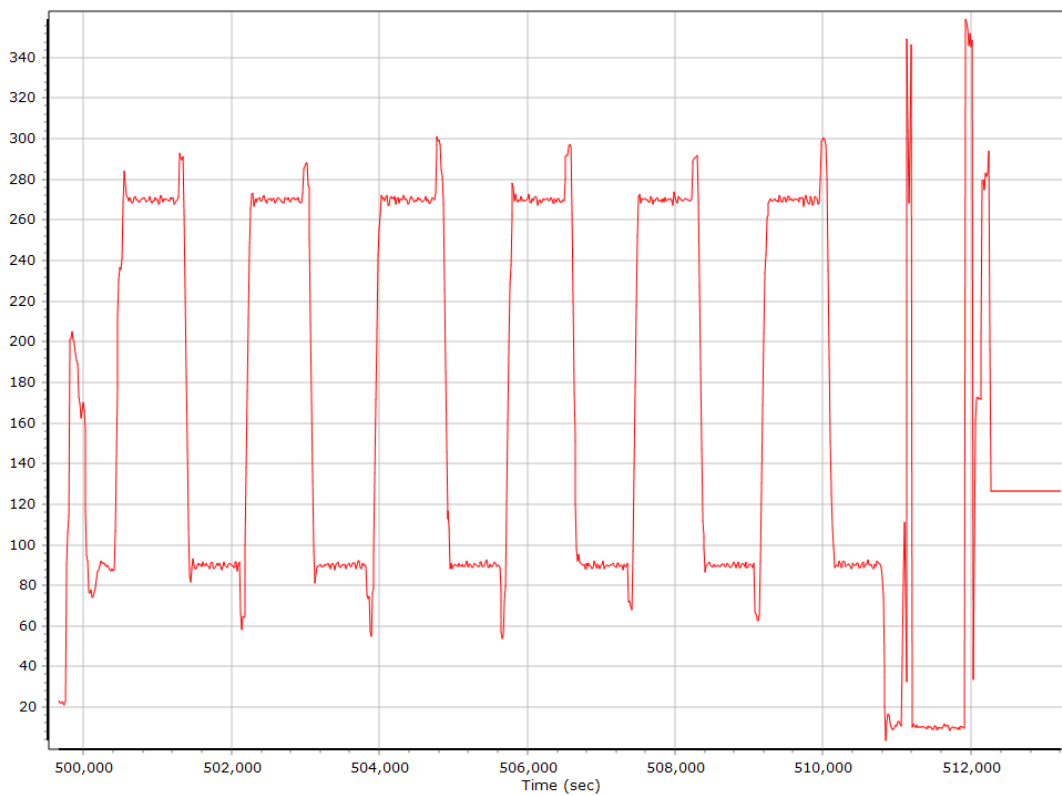
Altitude



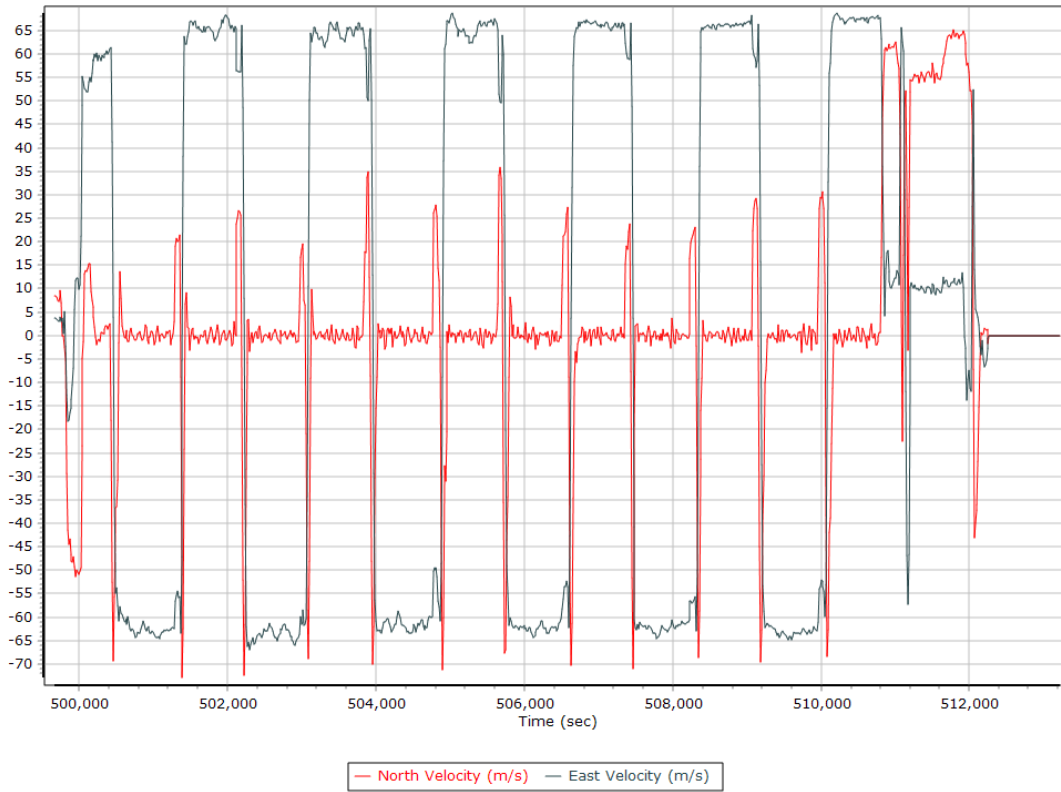
Roll/Pitch



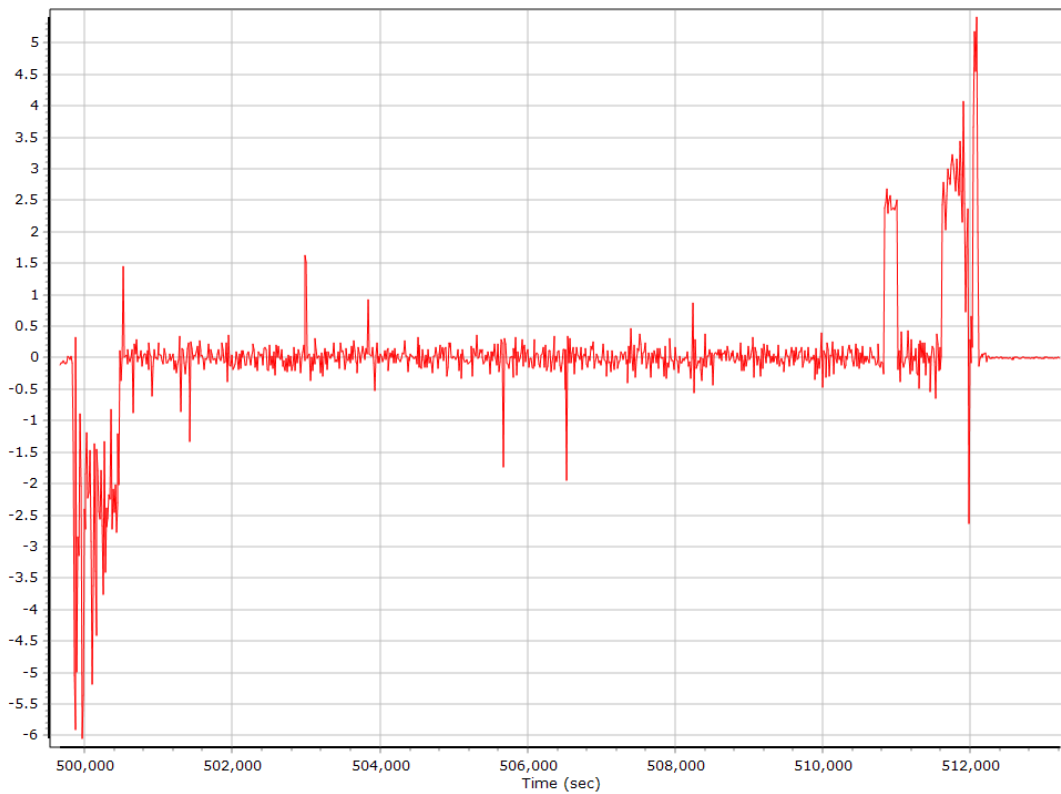
Heading



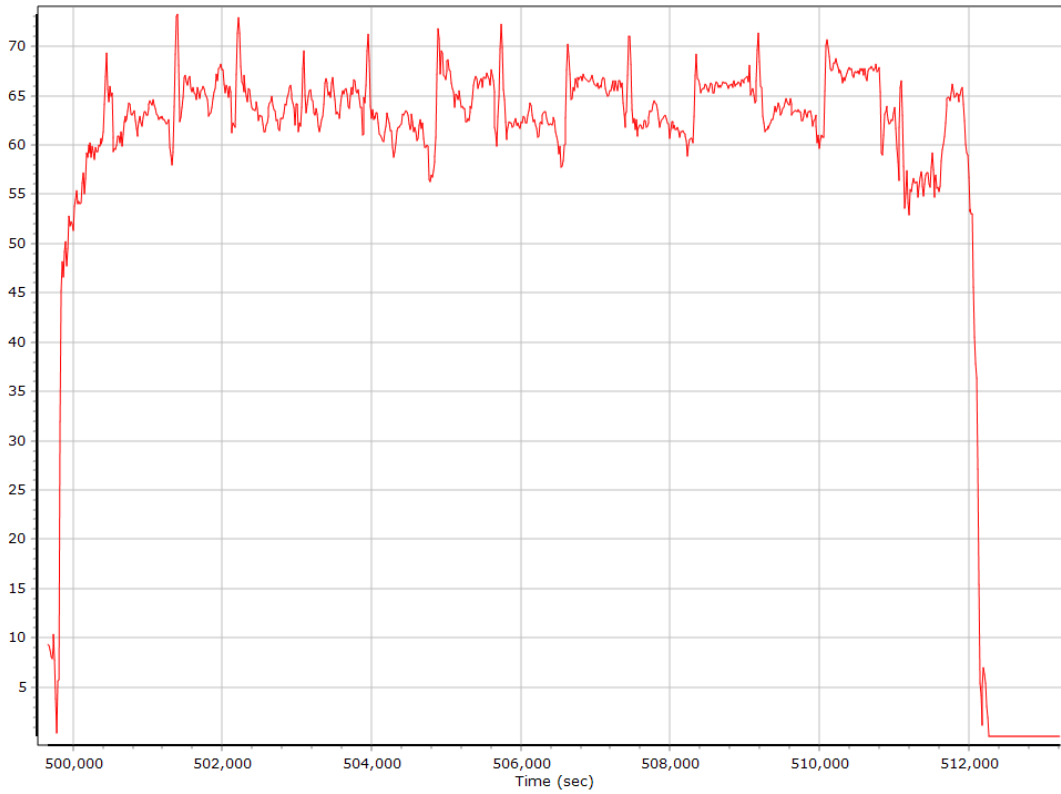
North/East Velocity



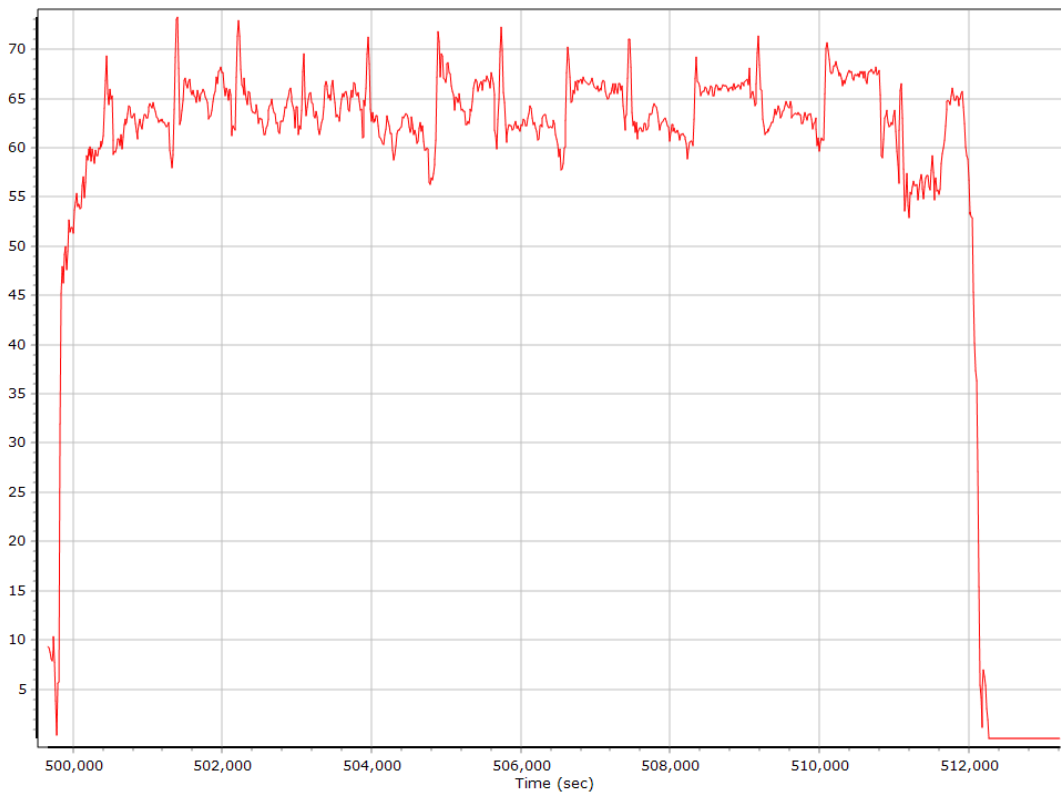
Down Velocity



Total Speed



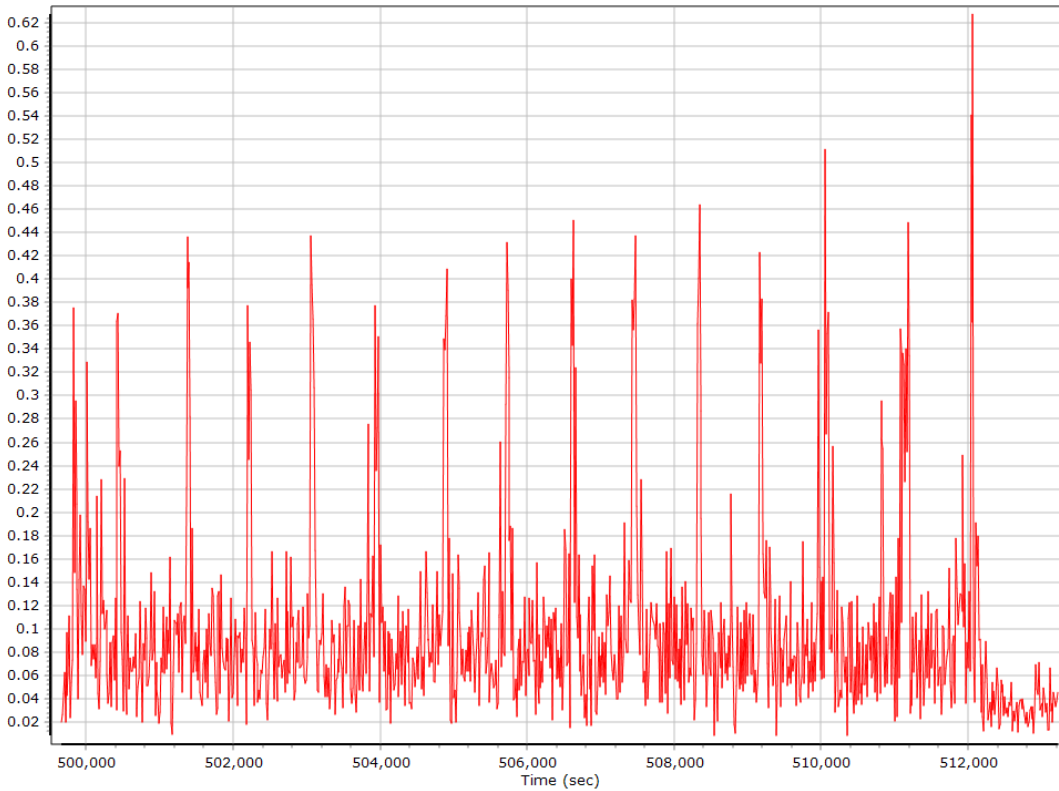
Ground Speed



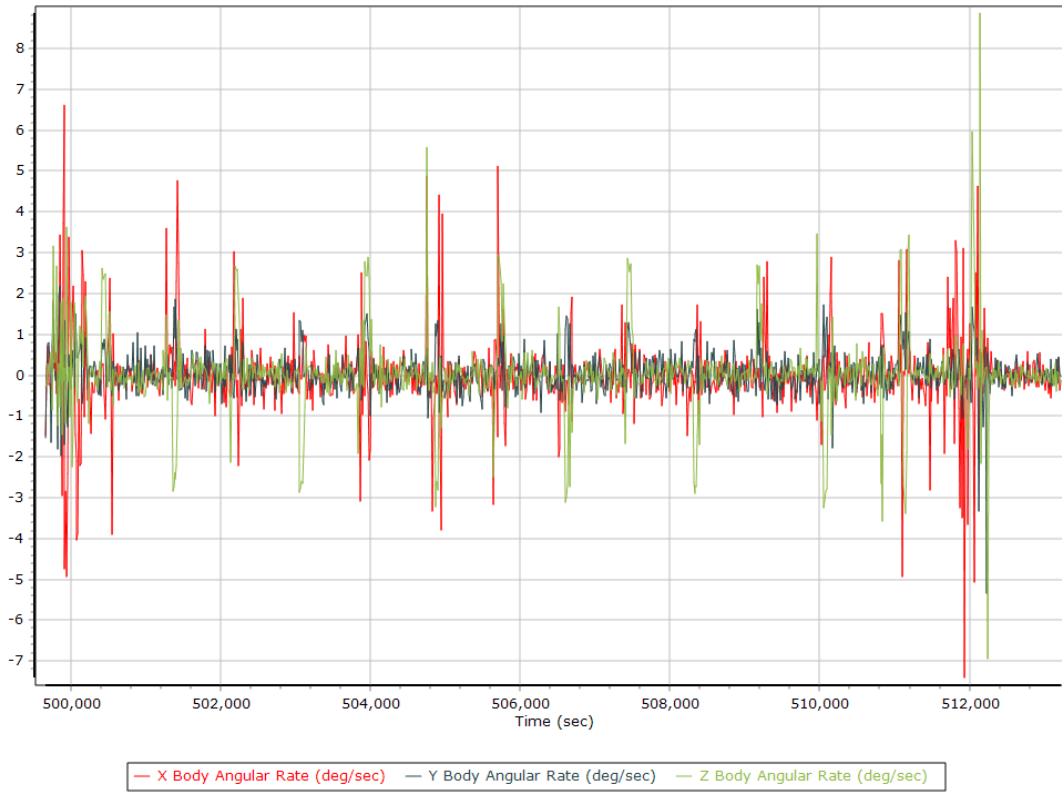
Body Acceleration



Total Body Acceleration



Body Angular Rate



SmartBase Processing Summary

Smart Select Options

Archive enabled	False
User database enabled	False
Include high-rate data sites	False
Target GNSS Selection	GNSS

Basestation Selection

Date	ID	Dist	System	Rate	Service	Database	Status
02/21/2020	WVTA	67.56	GNSS	1	User	None	Imported
02/21/2020	WVSH	95.72	GNSS	1	User	None	Imported
02/21/2020	WVRA	134.19	GNSS	1	User	None	Imported
02/21/2020	WVNR	47.61	GNSS	1	User	None	Imported
02/21/2020	WVMZ	85.67	GNSS	1	User	None	Imported
02/21/2020	WVCV	70.83	GNSS	1	User	None	Imported
02/21/2020	WVBR	11.96	GNSS	1	User	None	Imported

SmartBase Results

SmartBase status	PROC_STATUS_OK
Primary station Id	WVBR
Primary station data rate (sec)	1.0
VRS/ASB generation rate (sec)	1.0
VRS/ASB timespan	13955 s (2093 499292 - 2093 513247)
Number of reference stations	7
Primary station GPS measurement usage (%)	99.9
Primary station GLONASS measurement usage (%)	89.4
Average number of satellites per epoch	14.8
Max number of GPS stations used	6
Min number of GPS stations used	3
Max number of GLONASS stations used	6
Min number of GLONASS stations used	3
Total full data gap (sec)	0
Total GPS full data gaps	0
Total GLONASS full data gaps	0
Total individual satellite data gap (sec)	10055
GPS precise vs. broadcast ephemeris used	100.0 % / 0.0 %
GLONASS precise vs. broadcast ephemeris used	0.0 % / 100.0 %
Termination Status	Normal

SmartBase Quality Check

Base Station - WVTA

Status	OK	SBQI	0	
Duration (Hours)	23.80	Output Coordinates	Original	
Solution Epochs	5712	Mean Epoch SVs	8.5	
Base Station Coordinates		Latitude	Longitude	Height (m)
Original		N39°26'16.64399"	W79°30'52.95303"	726.066
Adjusted		N39°26'16.64394"	W79°30'52.95285"	726.067
Coordinate Adjustments		Horizontal (m)	Vertical (m)	Total (m)
Adjustments		0.004	0.001	0.005

Base Station Information

Station ID	WVTA		
Filename	wvta0520.20o		
Start date	2/21/2020 12:00:00 AM		
End date	2/21/2020 11:59:59 PM		
Duration	23:59:59.000		
Data type	GNSS		
Receiver manufacturer, model, serial no.	Trimble	NetR5	4922K62119
Antenna manufacturer, model	Trimble	Zephyr Geodetic 2 RoHS	
Antenna height [m]	0.000		
Antenna measurement method	Bottom of antenna mount		
Offset from measured point to APC (m)	0.08546		
Latitude	N39°26'16.64399"		
Longitude	W79°30'52.95303"		
Ellipsoidal height (m)	726.06600		
Frame	ITRF00		
Epoch	1997		
Ellipsoid	WGS84		
Velocity North (mm/y)	0		
Velocity East (mm/y)	0		
Velocity Up (mm/y)	0		

Base Station - WVSH

Status	OK	SBQI	0
Duration (Hours)	23.46	Output Coordinates	Original
Solution Epochs	5630	Mean Epoch SVs	8.6
Base Station Coordinates	Latitude	Longitude	Height (m)
Original	N39°59'49.09954"	W80°40'46.36115"	384.551
Adjusted	N39°59'49.09946"	W80°40'46.36169"	384.557
Coordinate Adjustments	Horizontal (m)	Vertical (m)	Total (m)
Adjustments	0.013	0.006	0.014

Base Station Information

Station ID	WVSH		
Filename	wvsh0520.20o		
Start date	2/21/2020 12:00:00 AM		
End date	2/21/2020 11:59:59 PM		
Duration	23:59:59.000		
Data type	GNSS		
Receiver manufacturer, model, serial no.	Trimble	NetR5	4924K62366
Antenna manufacturer, model	Trimble	Zephyr Geodetic 2 RoHS	
Antenna height [m]	0.000		
Antenna measurement method	Bottom of antenna mount		
Offset from measured point to APC (m)	0.08546		
Latitude	N39°59'49.09954"		
Longitude	W80°40'46.36115"		
Ellipsoidal height (m)	384.55100		
Frame	ITRF00		
Epoch	1997		
Ellipsoid	WGS84		
Velocity North (mm/y)	0		
Velocity East (mm/y)	0		
Velocity Up (mm/y)	0		

Base Station - WVRA

Status	OK	SBQI	0	
Duration (Hours)	23.80	Output Coordinates	Original	
Solution Epochs	5712	Mean Epoch SVs	8.6	
Base Station Coordinates		Latitude	Longitude	Height (m)
Original		N38°56'28.86373"	W81°45'04.84260"	149.248
Adjusted		N38°56'28.86306"	W81°45'04.84250"	149.245
Coordinate Adjustments		Horizontal (m)	Vertical (m)	Total (m)
Adjustments		0.021	0.003	0.021

Base Station Information

Station ID	WVRA		
Filename	wvra0520.20o		
Start date	2/21/2020 12:00:00 AM		
End date	2/21/2020 11:59:59 PM		
Duration	23:59:59.000		
Data type	GNSS		
Receiver manufacturer, model, serial no.	Trimble	NetR5	4923K62358
Antenna manufacturer, model	Trimble	Zephyr Geodetic 2 RoHS	
Antenna height [m]	0.000		
Antenna measurement method	Bottom of antenna mount		
Offset from measured point to APC (m)	0.08546		
Latitude	N38°56'28.86373"		
Longitude	W81°45'04.84260"		
Ellipsoidal height (m)	149.24800		
Frame	ITRF00		
Epoch	1997		
Ellipsoid	WGS84		
Velocity North (mm/y)	0		
Velocity East (mm/y)	0		
Velocity Up (mm/y)	0		

Base Station - WVNR

Status	CONTROL	SBQI	0	
Duration (Hours)	23.80	Output Coordinates	Control	
Solution Epochs	5712	Mean Epoch SVs	8.6	
Base Station Coordinates		Latitude	Longitude	Height (m)
Original		N38°53'44.50553"	W79°51'30.27007"	582.773
Adjusted		N38°53'44.50553"	W79°51'30.27007"	582.773
Coordinate Adjustments		Horizontal (m)	Vertical (m)	Total (m)
Adjustments		0.000	0.000	0.000

Base Station Information

Station ID	WVNR		
Filename	wvnr0520.20o		
Start date	2/21/2020 12:00:00 AM		
End date	2/21/2020 11:59:59 PM		
Duration	23:59:59.000		
Data type	GNSS		
Receiver manufacturer, model, serial no.	Trimble	NetR5	4922K62042
Antenna manufacturer, model	Trimble	Zephyr Geodetic 2 RoHS	
Antenna height [m]	0.000		
Antenna measurement method	Bottom of antenna mount		
Offset from measured point to APC (m)	0.08546		
Latitude	N38°53'44.50553"		
Longitude	W79°51'30.27007"		
Ellipsoidal height (m)	582.77300		
Frame	ITRF00		
Epoch	1997		
Ellipsoid	WGS84		
Velocity North (mm/y)	0		
Velocity East (mm/y)	0		
Velocity Up (mm/y)	0		

Base Station - WVMZ

Status	OK	SBQI	0
Duration (Hours)	23.80	Output Coordinates	Original
Solution Epochs	5712	Mean Epoch SVs	8.6
Base Station Coordinates	Latitude	Longitude	Height (m)
Original	N38°50'20.04352"	W81°06'31.58289"	296.834
Adjusted	N38°50'20.04319"	W81°06'31.58304"	296.813
Coordinate Adjustments	Horizontal (m)	Vertical (m)	Total (m)
Adjustments	0.011	0.021	0.023

Base Station Information

Station ID	WVMZ		
Filename	wvmz0520.20o		
Start date	2/21/2020 12:00:00 AM		
End date	2/21/2020 11:59:59 PM		
Duration	23:59:59.000		
Data type	GNSS		
Receiver manufacturer, model, serial no.	Trimble	NetR5	4922K62061
Antenna manufacturer, model	Trimble	Zephyr Geodetic 2 RoHS	
Antenna height [m]	0.000		
Antenna measurement method	Bottom of antenna mount		
Offset from measured point to APC (m)	0.08546		
Latitude	N38°50'20.04352"		
Longitude	W81°06'31.58289"		
Ellipsoidal height (m)	296.83400		
Frame	ITRF00		
Epoch	1997		
Ellipsoid	WGS84		
Velocity North (mm/y)	0		
Velocity East (mm/y)	0		
Velocity Up (mm/y)	0		

Base Station - WVCV

Status	OK	SBQI	0	
Duration (Hours)	23.80	Output Coordinates	Original	
Solution Epochs	5712	Mean Epoch SVs	8.6	
Base Station Coordinates		Latitude	Longitude	Height (m)
Original		N39°00'55.07616"	W79°27'25.00965"	969.235
Adjusted		N39°00'55.07529"	W79°27'25.00837"	969.232
Coordinate Adjustments		Horizontal (m)	Vertical (m)	Total (m)
Adjustments		0.041	0.003	0.041

Base Station Information

Station ID	WVCV		
Filename	wvcv0520.20o		
Start date	2/21/2020 12:00:00 AM		
End date	2/21/2020 11:59:59 PM		
Duration	23:59:59.000		
Data type	GNSS		
Receiver manufacturer, model, serial no.	Trimble	NetR5	4922K62079
Antenna manufacturer, model	Trimble	Zephyr Geodetic 2 RoHS	
Antenna height [m]	0.000		
Antenna measurement method	Bottom of antenna mount		
Offset from measured point to APC (m)	0.08546		
Latitude	N39°00'55.07616"		
Longitude	W79°27'25.00965"		
Ellipsoidal height (m)	969.23500		
Frame	ITRF00		
Epoch	1997		
Ellipsoid	WGS84		
Velocity North (mm/y)	0		
Velocity East (mm/y)	0		
Velocity Up (mm/y)	0		

Base Station - WVBR

Status	OK	SBQI	0
Duration (Hours)	23.80	Output Coordinates	Original
Solution Epochs	5712	Mean Epoch SVs	8.6
Base Station Coordinates	Latitude	Longitude	Height (m)
Original	N39°18'28.88440"	W80°16'38.61885"	270.246
Adjusted	N39°18'28.88423"	W80°16'38.61928"	270.254
Coordinate Adjustments	Horizontal (m)	Vertical (m)	Total (m)
Adjustments	0.012	0.008	0.014

Base Station Information

Station ID	WVBR		
Filename	wvbr0520.20o		
Start date	2/21/2020 12:00:00 AM		
End date	2/21/2020 11:59:59 PM		
Duration	23:59:59.000		
Data type	GNSS		
Receiver manufacturer, model, serial no.	Trimble	NetR5	4922K62070
Antenna manufacturer, model	Trimble	Zephyr Geodetic 2 RoHS	
Antenna height [m]	0.000		
Antenna measurement method	Bottom of antenna mount		
Offset from measured point to APC (m)	0.08546		
Latitude	N39°18'28.88440"		
Longitude	W80°16'38.61885"		
Ellipsoidal height (m)	270.24600		
Frame	ITRF00		
Epoch	1997		
Ellipsoid	WGS84		
Velocity North (mm/y)	0		
Velocity East (mm/y)	0		
Velocity Up (mm/y)	0		

GNSS QC

GNSS QC Statistics

Statistics	Min	Max	Mean
Baseline length (km)	1.25	57.93	
Number of GPS SV	6	11	9
Number of GLONASS SV	0	8	6
Number of QZSS SV	0	0	0
Number of BEIDOU SV	0	0	0
Number of GALILEO SV	0	0	0
Total number of SV	9	17	15
PDOP	1.12	2.06	1.48
QC Solution Gaps	1.00	1.00	
Solution Type	Fixed	Float	No solution
Epoch (sec)	13935.00	0.00	7.00
Percentage	99.95	0.00	0.05

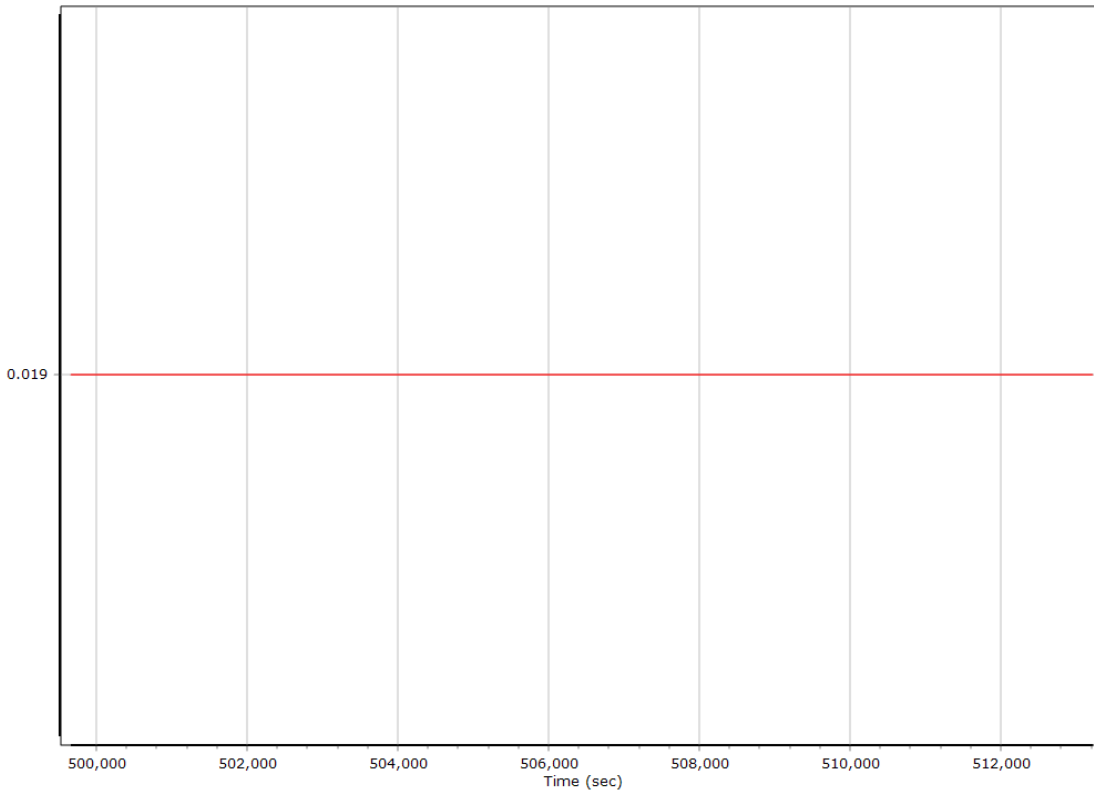
GNSS-Inertial Processor Configuration

Processing mode	IN-Fusion SmartBase		
Stabilized mount	True		
Base station	ASB		
Processing start time	499274.000 (2/21/2020 6:41:14 PM)		
Processing end time	513229.000 (2/21/2020 10:33:49 PM)		
Initial attitude source	Real-Time VNAV/RNAV Attitude		
IMU Sensor Context	Processing with Onboard IMU		
Gimbal to IMU lever arm (m)	0.000	0.000	0.000
Gimbal to IMU mounting angles (deg)	0.000	0.000	0.000
Gimbal to Primary GNSS lever arm (m)	0.019	0.153	-1.028
Gimbal to Primary GNSS lever arm std dev (m)	0.030	0.030	0.030
Aircraft to Reference mounting angles (deg)	0.000	0.000	0.000

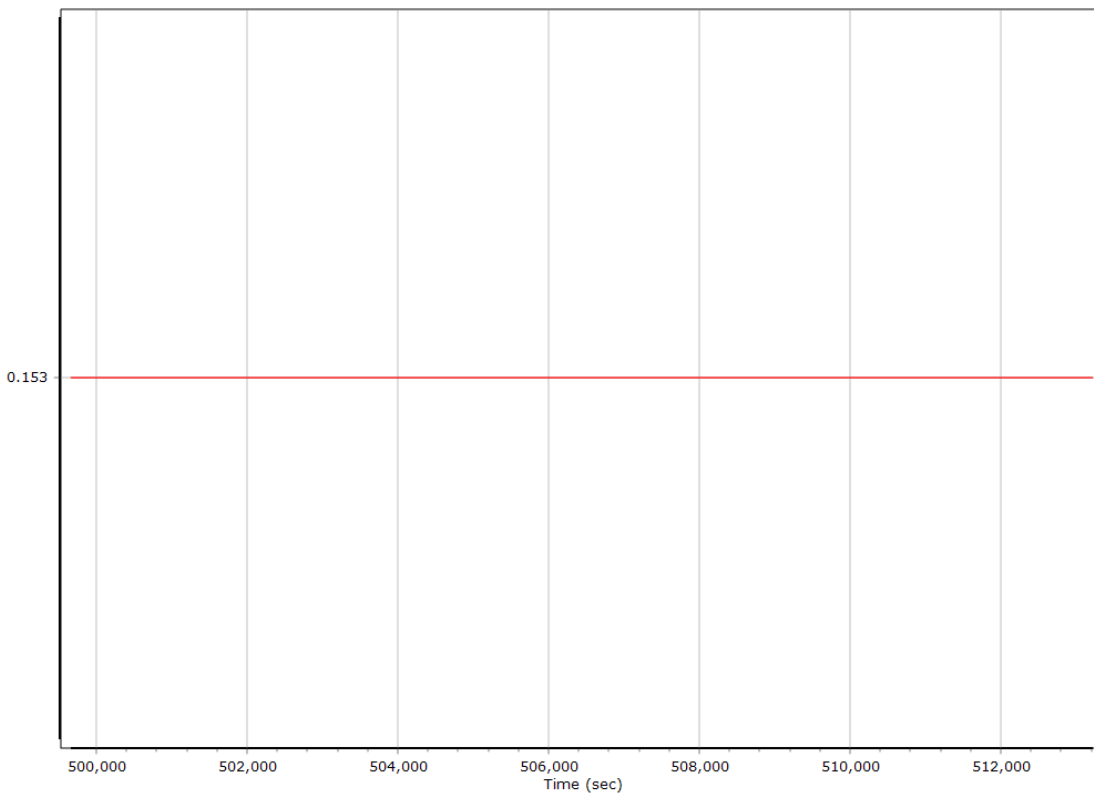
Calibrated Installation Parameters

Reference-Primary GNSS Lever Arm (m)

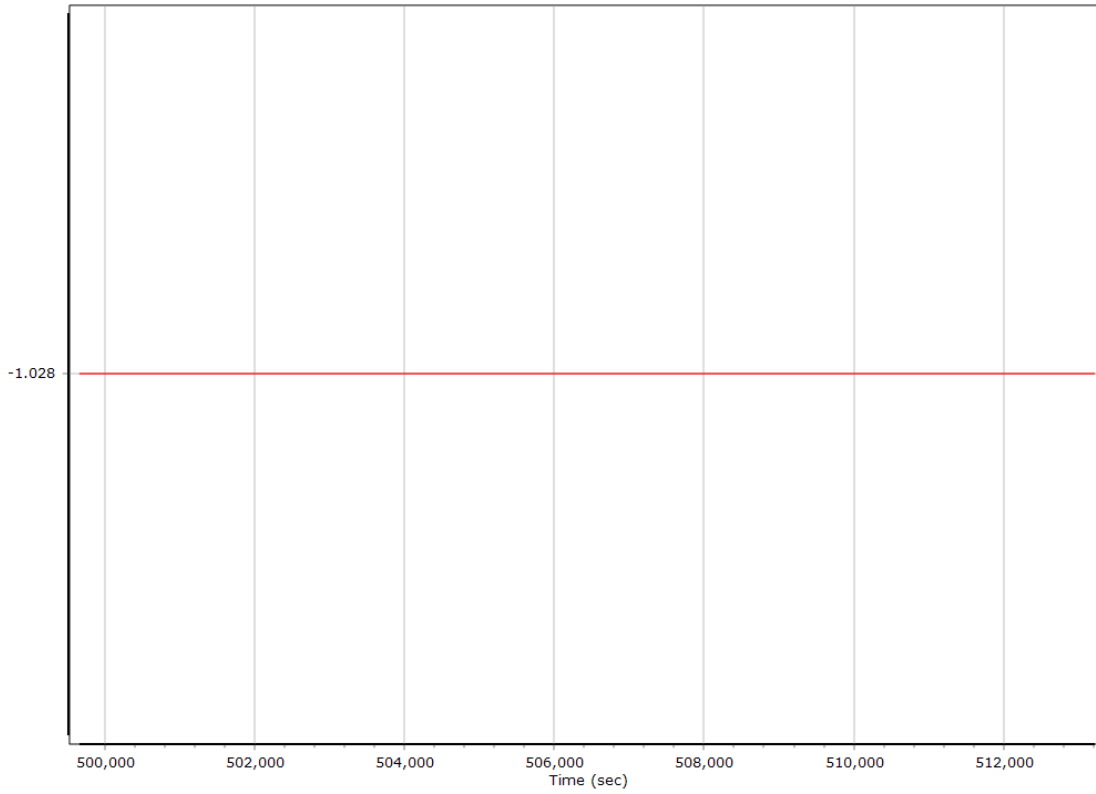
X Reference-Primary GNSS Lever Arm (m)



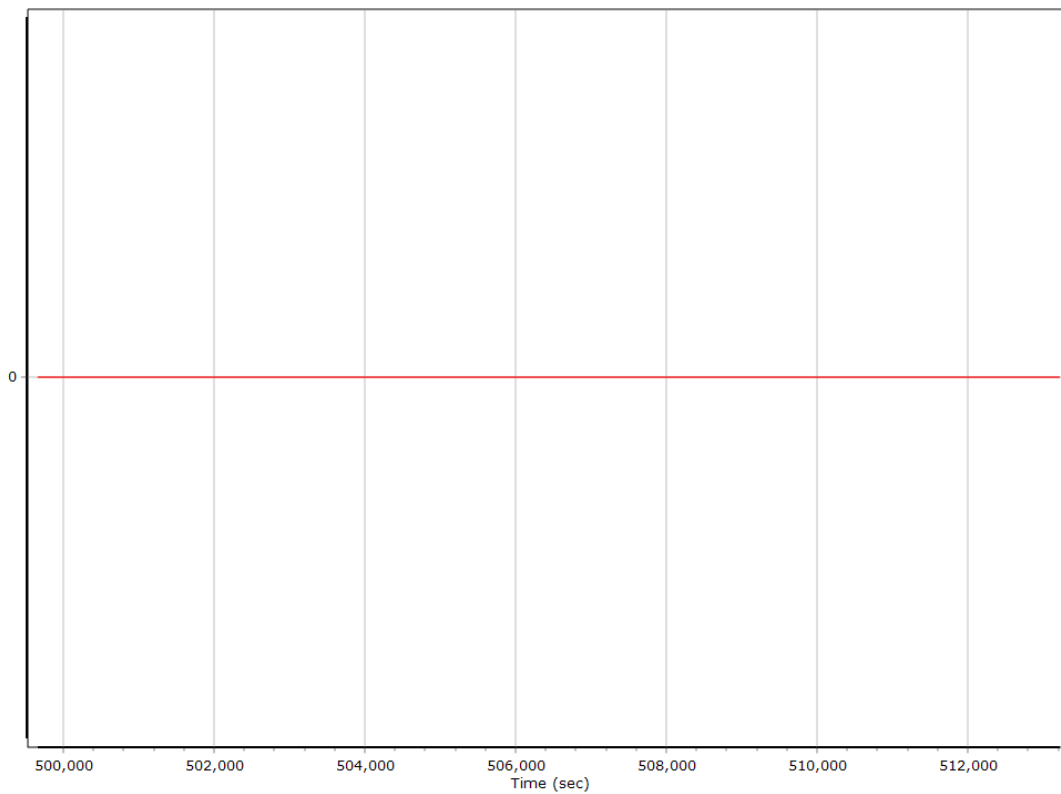
Y Reference-Primary GNSS Lever Arm (m)



Z Reference-Primary GNSS Lever Arm (m)



Reference-Primary GNSS Lever Arm Figure of Merit



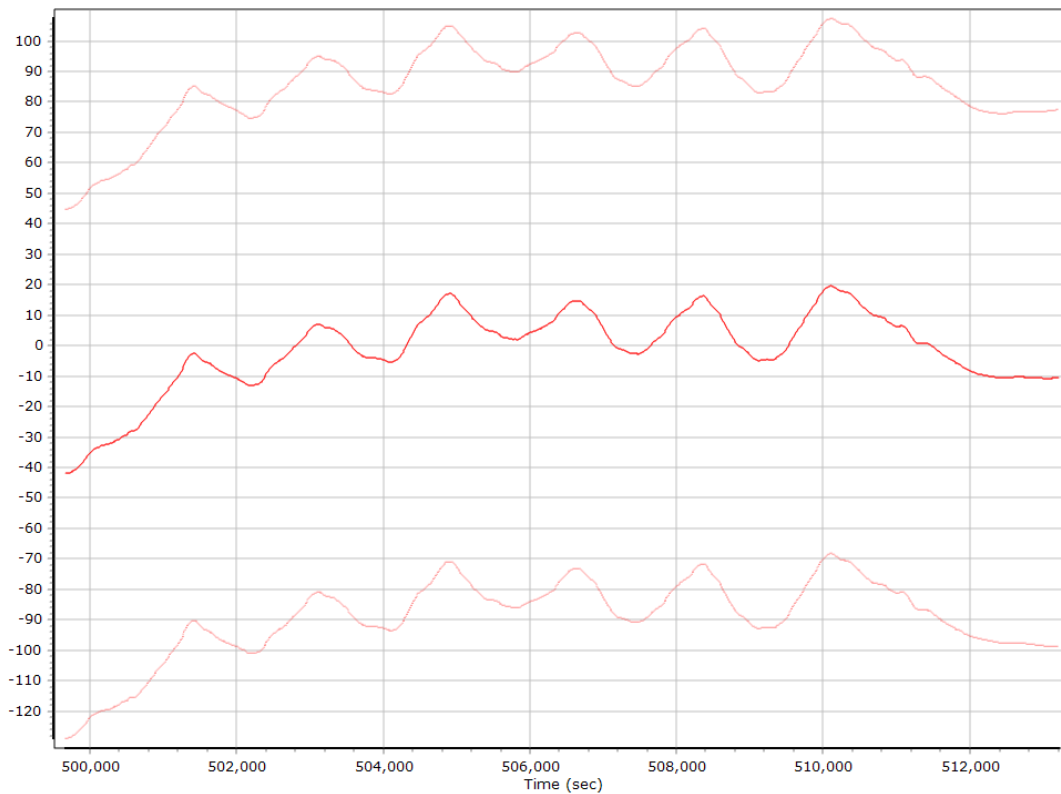
Smoothed IN-Fusion QC

Smoothed Estimated Errors, Reference Frame

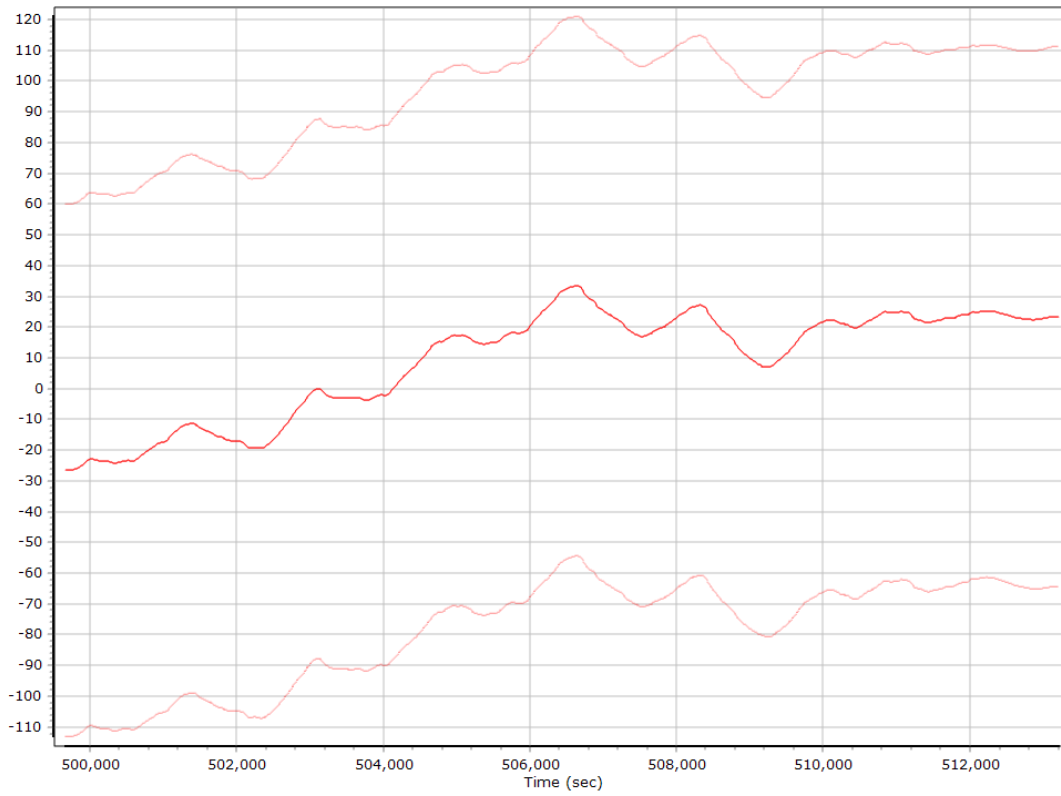
Accelerometer Bias (micro-g)



X Accelerometer Bias (micro-g)



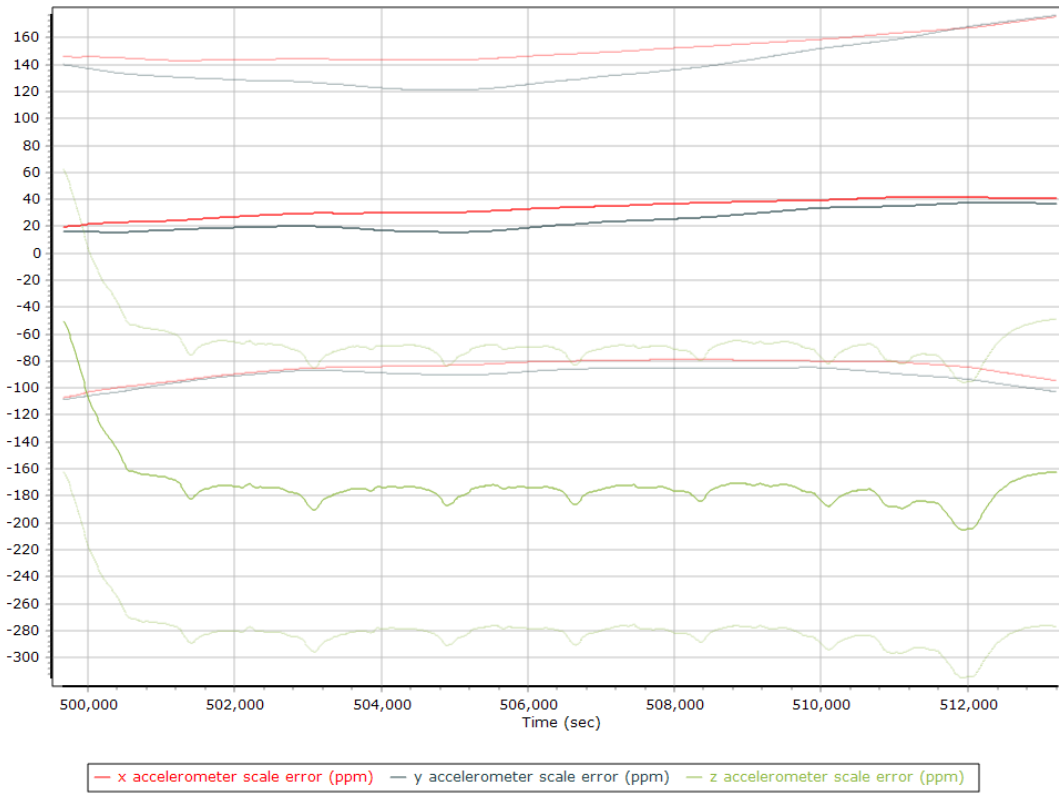
Y Accelerometer Bias (micro-g)



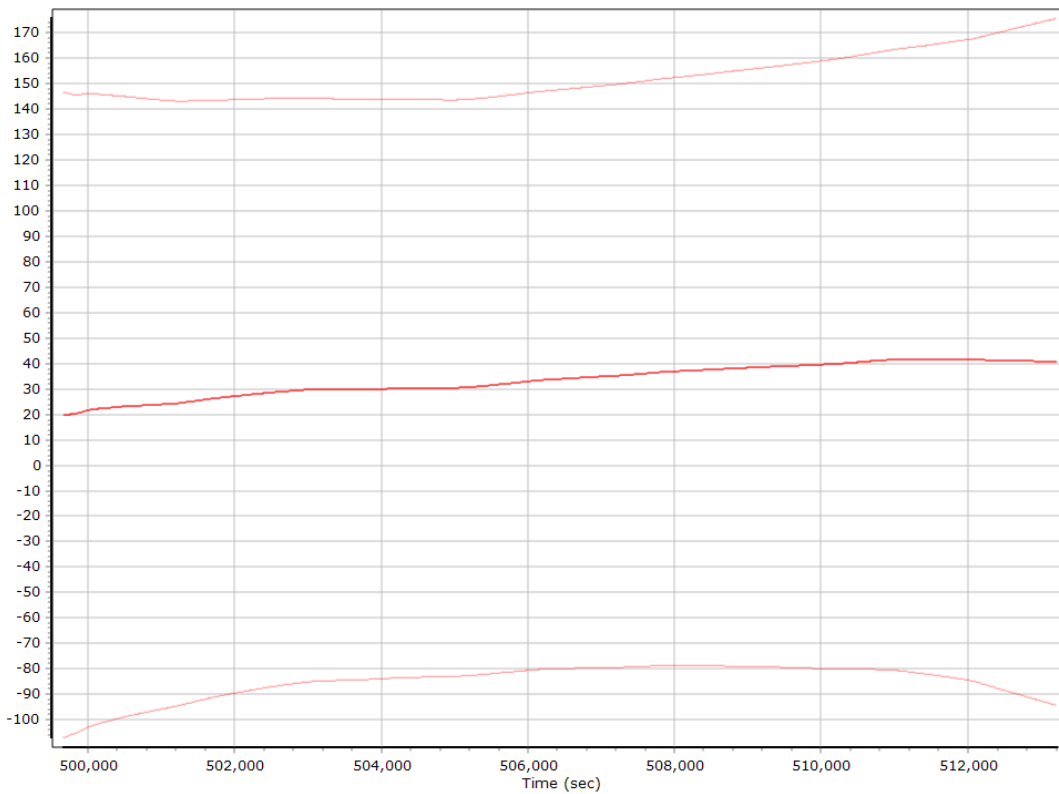
Z Accelerometer Bias (micro-g)



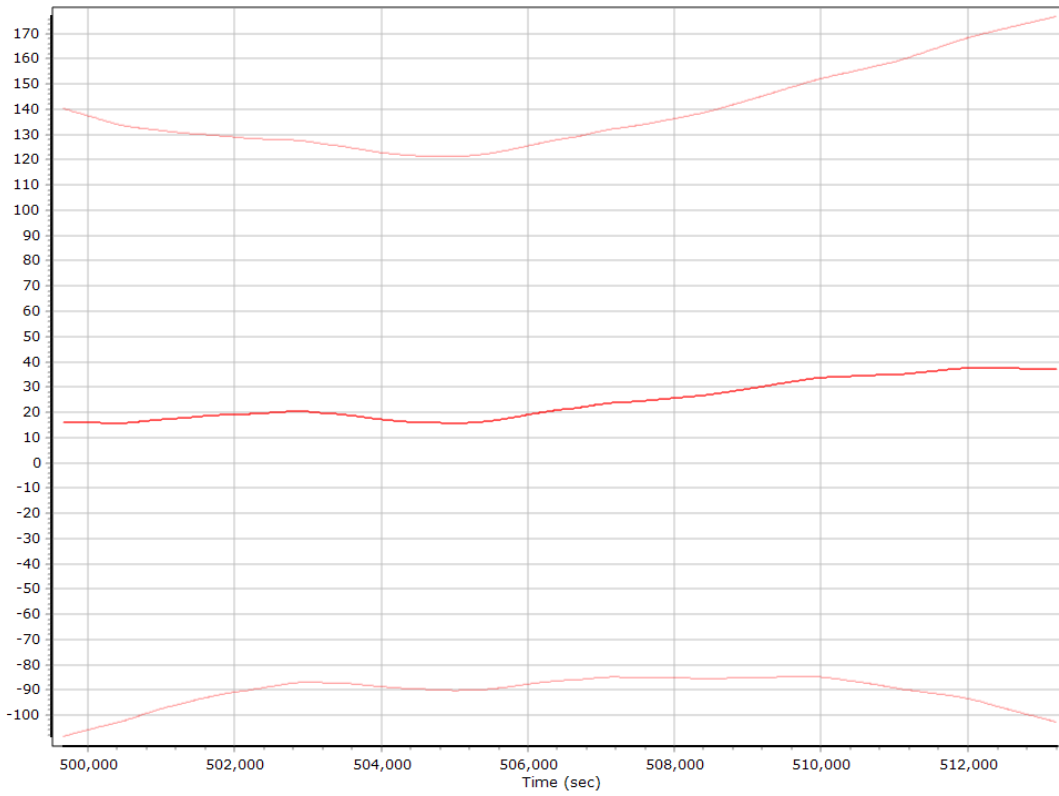
Accelerometer Scale Error (ppm)



X Accelerometer Scale Error (ppm)



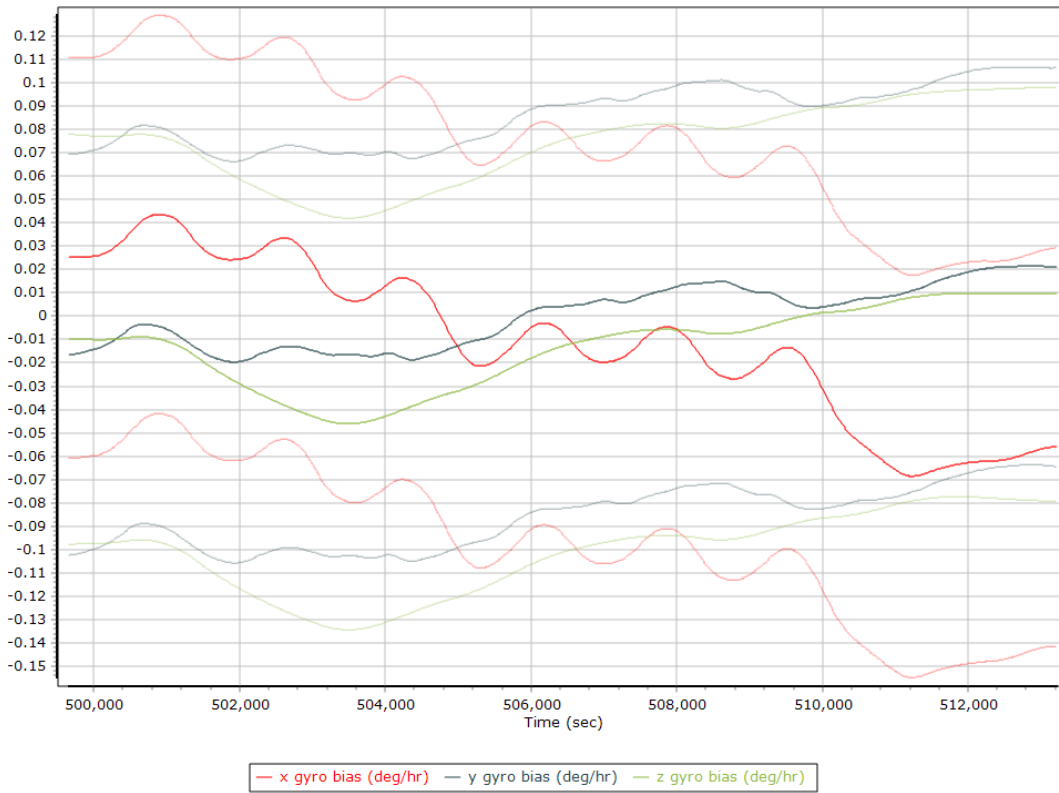
Y Accelerometer Scale Error (ppm)



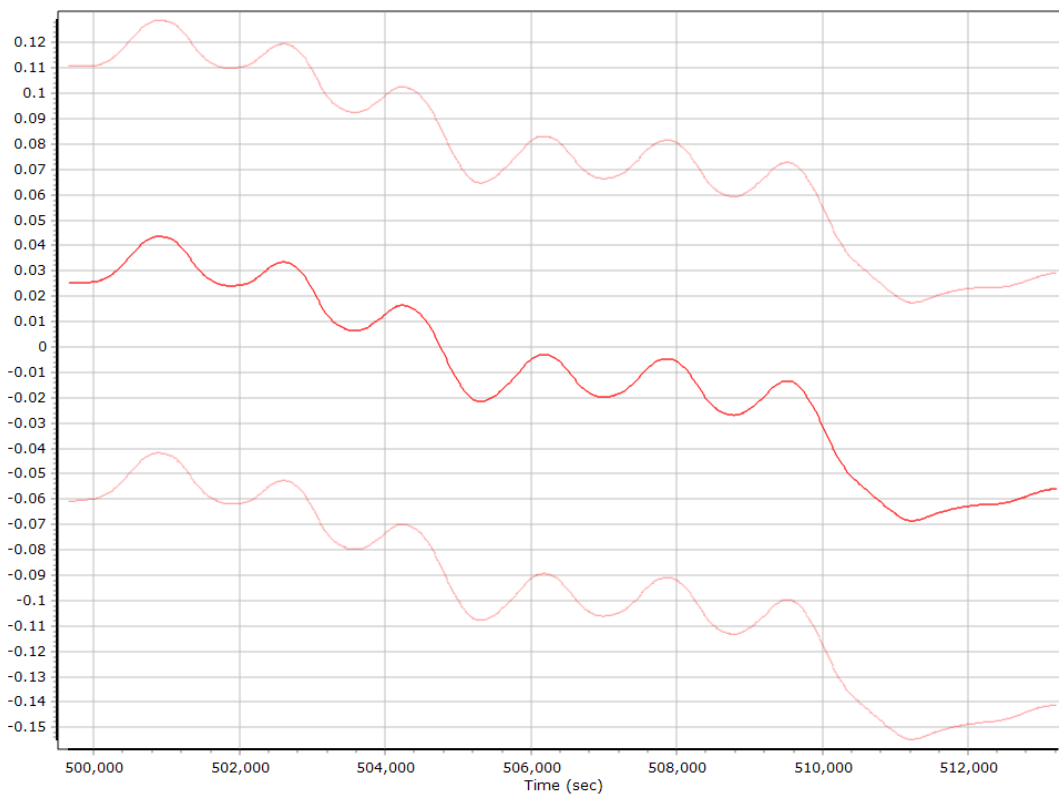
Z Accelerometer Scale Error (ppm)



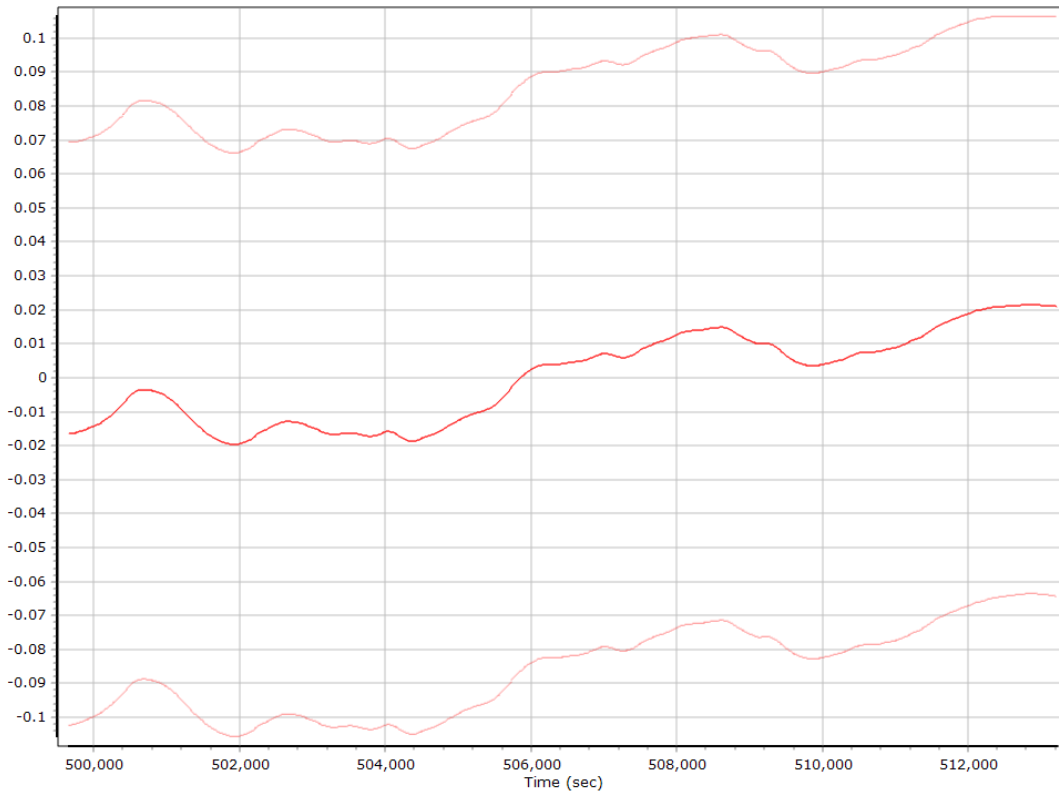
Gyro Bias (deg/h)



X Gyro Bias (deg/h)



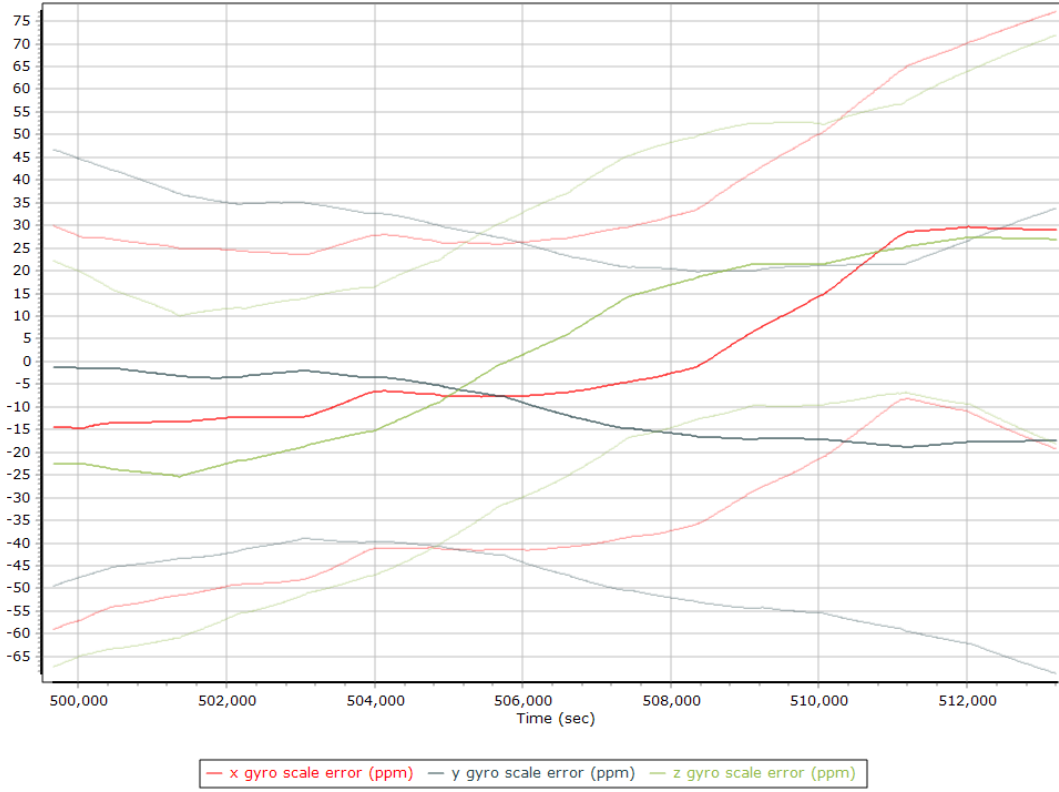
Y Gyro Bias (deg/h)



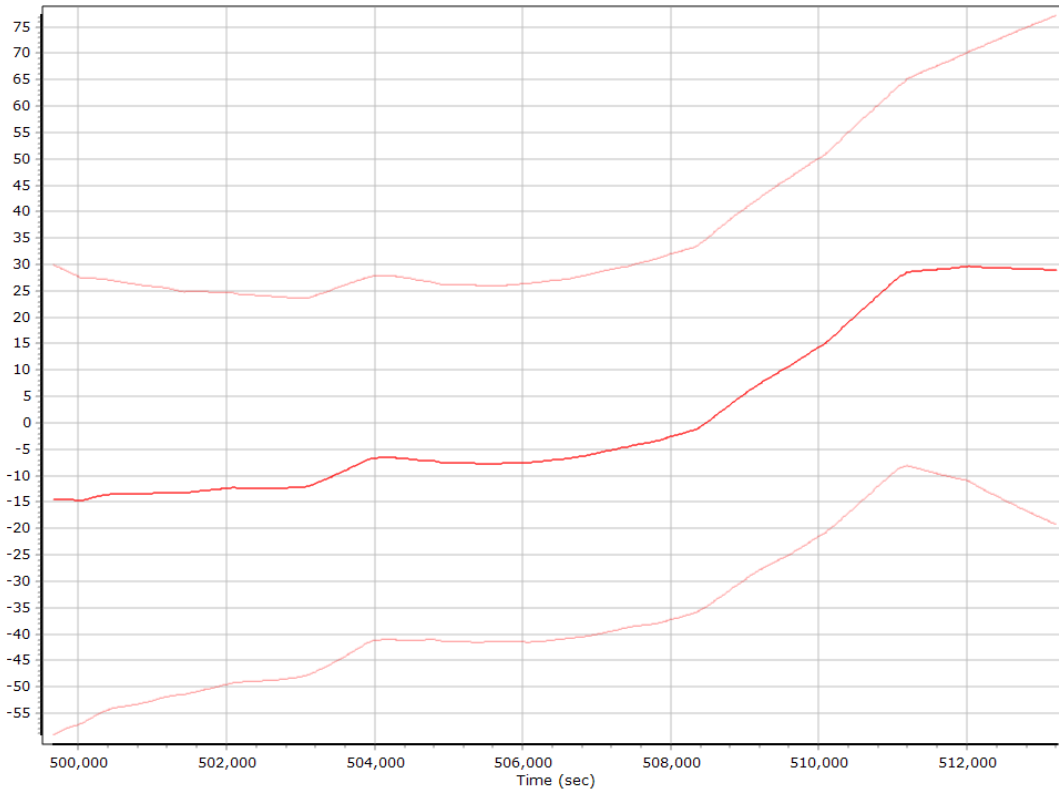
Z Gyro Bias (deg/h)



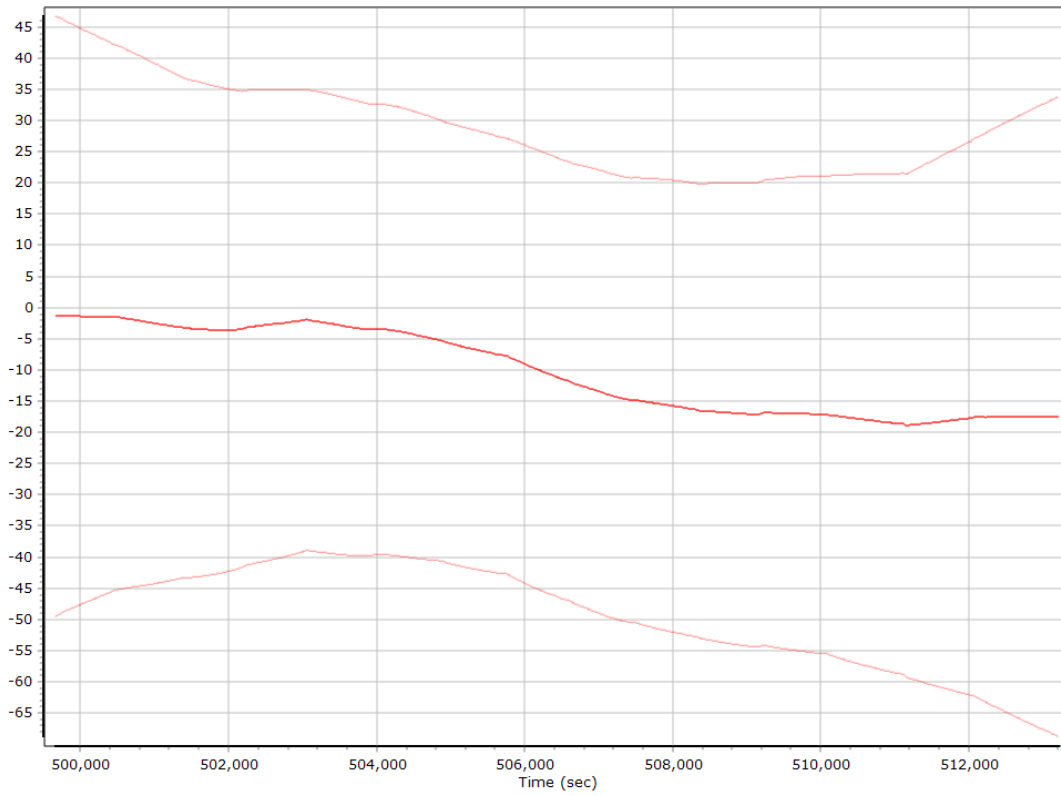
Gyro Scale Error (ppm)



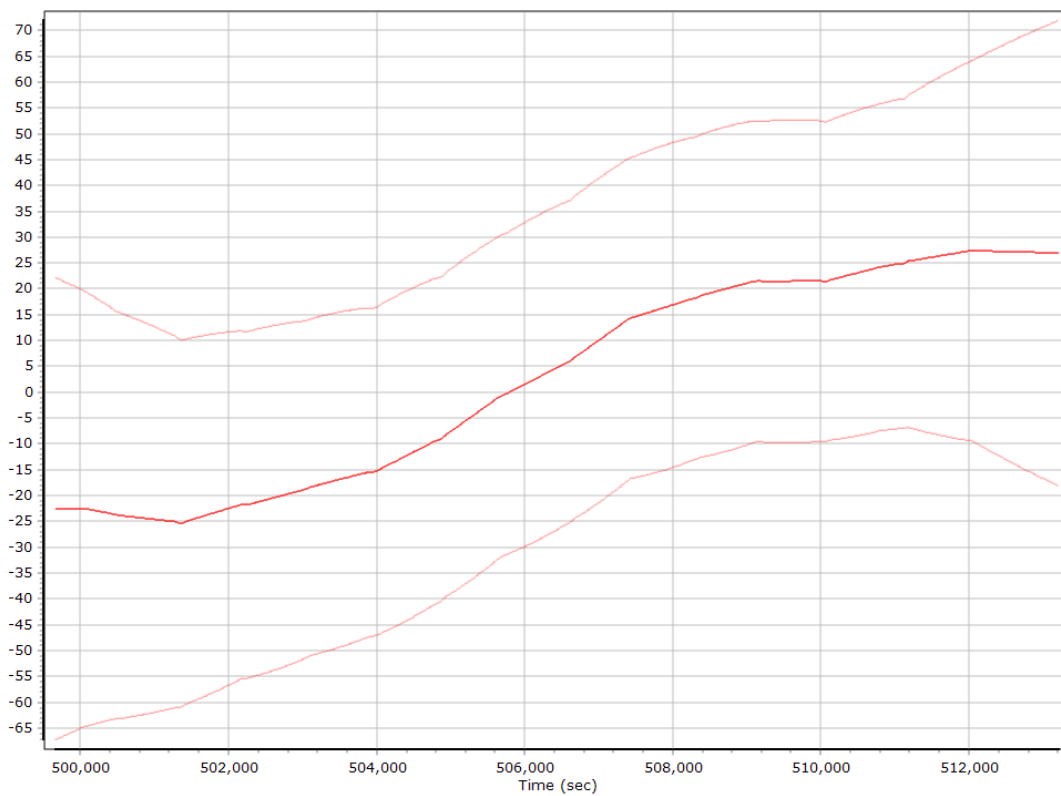
X Gyro Scale Error (ppm)



Y Gyro Scale Error (ppm)

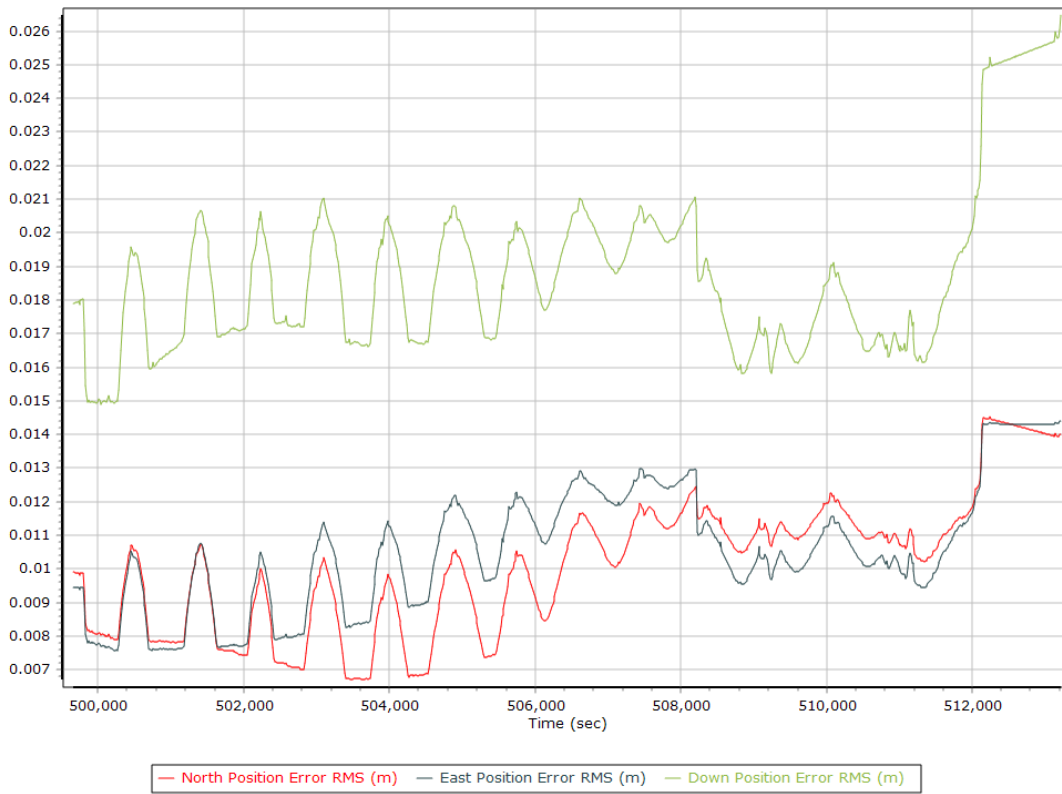


Z Gyro Scale Error (ppm)

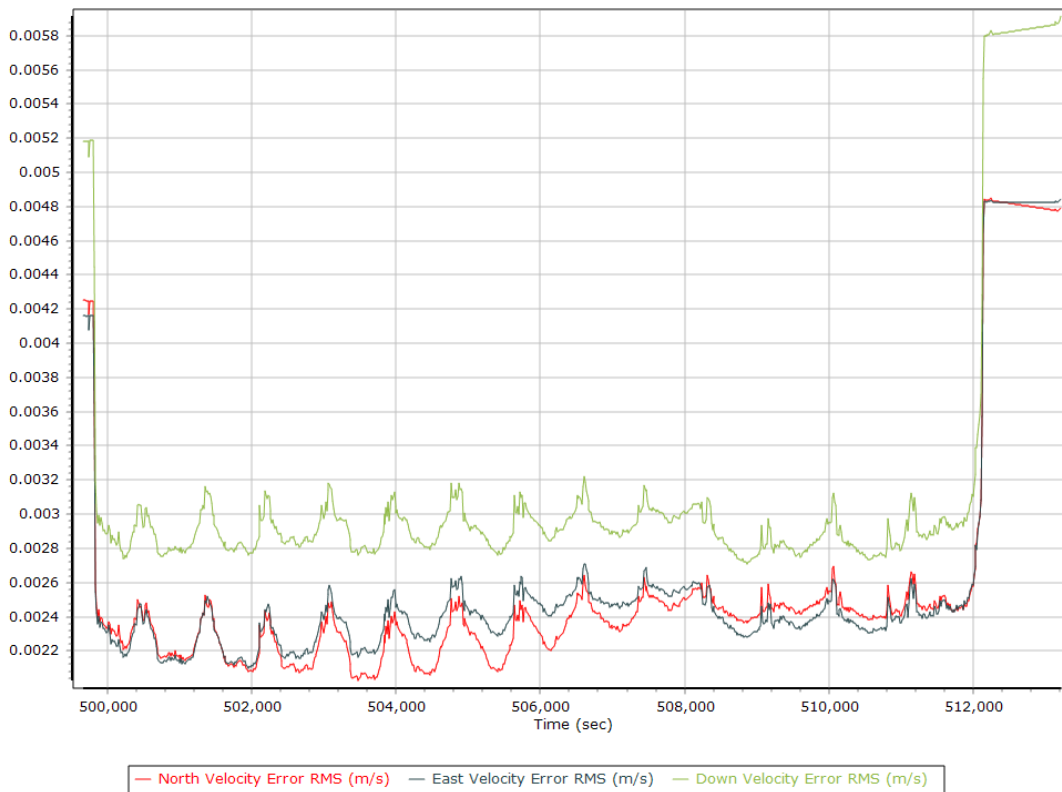


Smoothed Performance Metrics

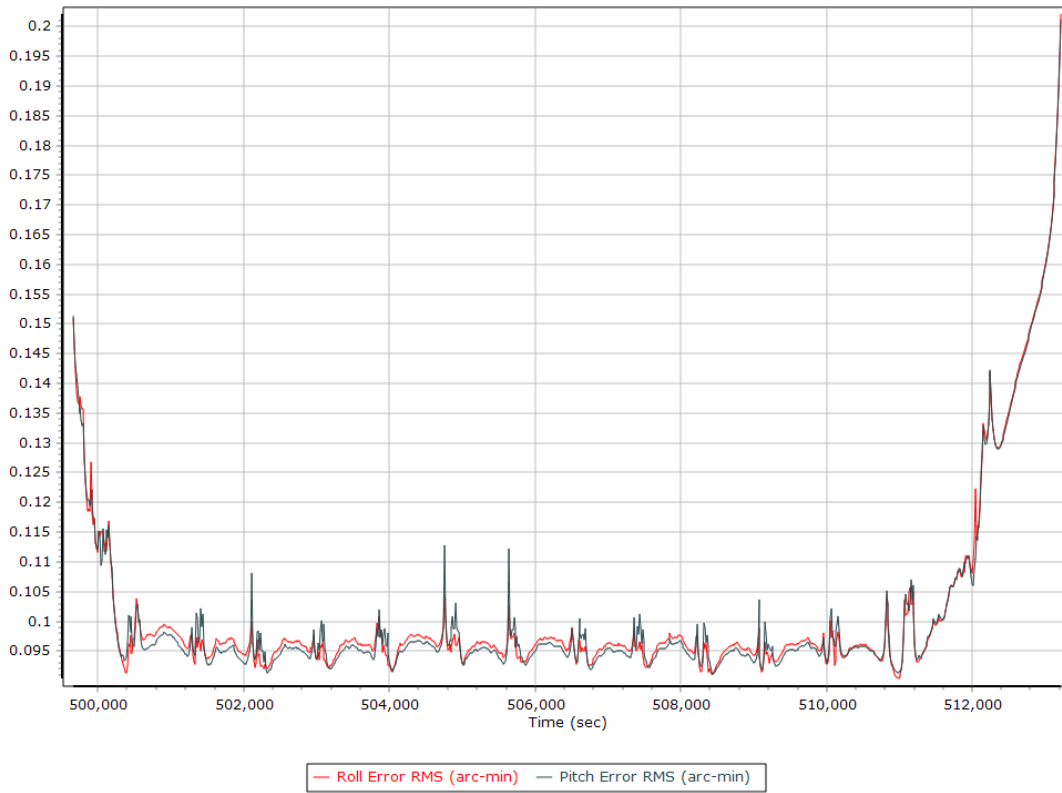
Position Error RMS (m)



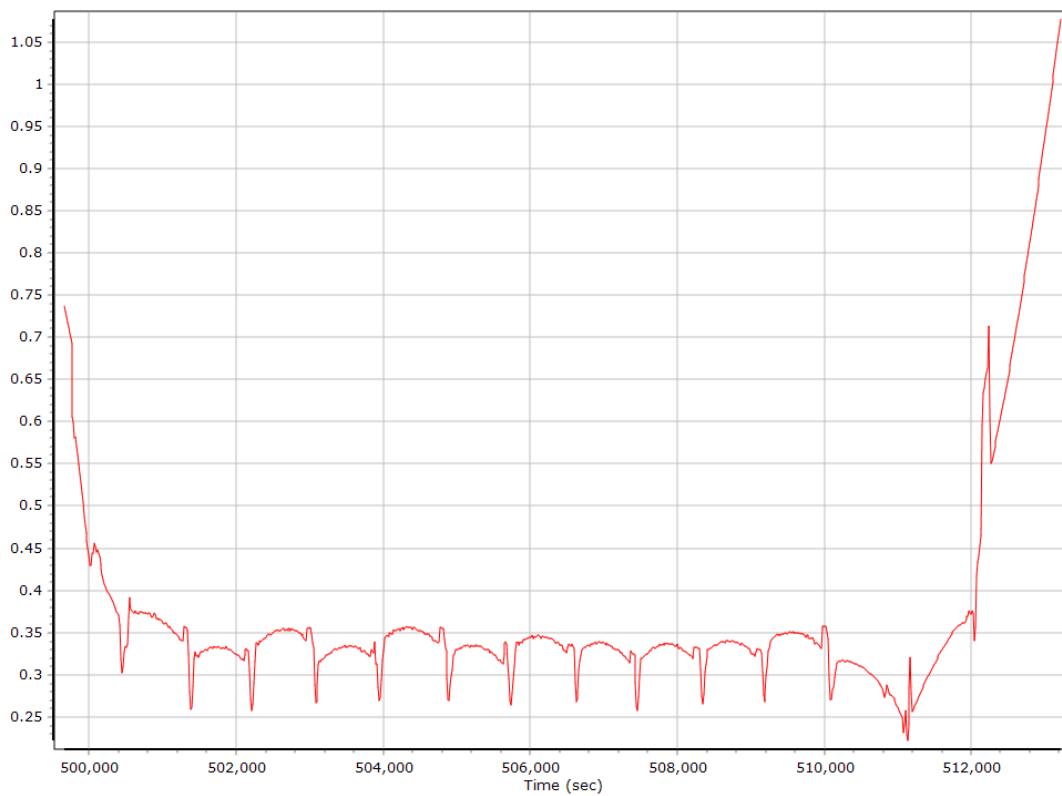
Velocity Error RMS (m/s)



Roll/Pitch Error RMS (arc-min)

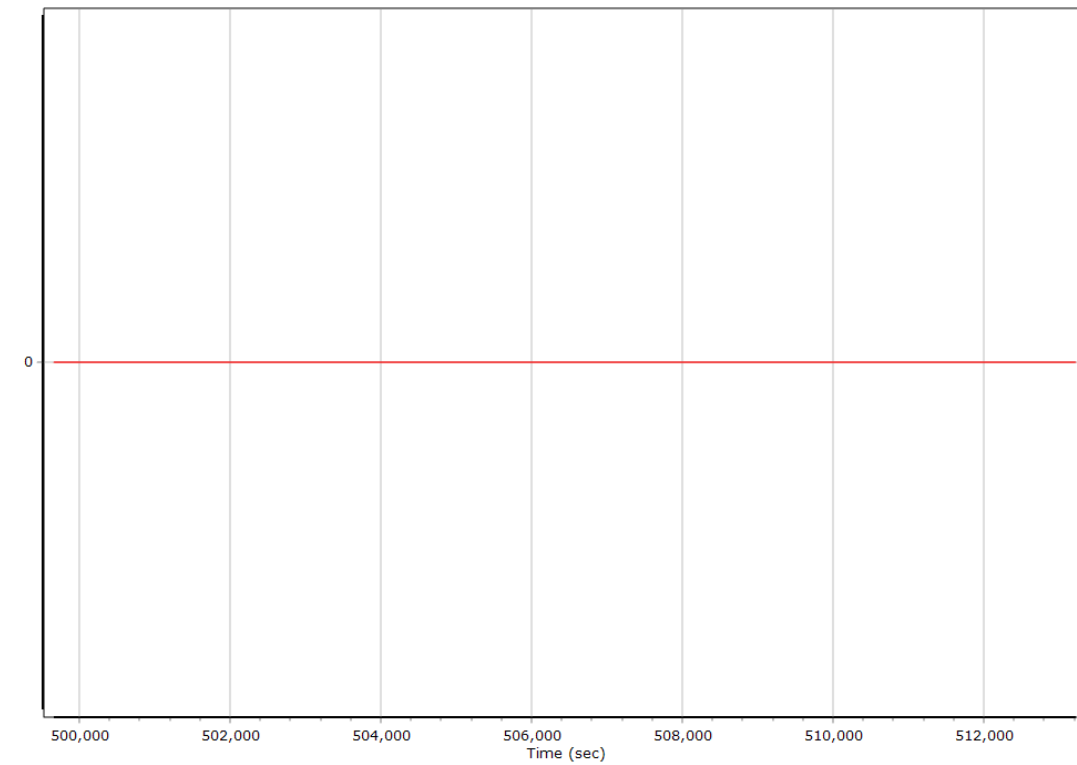


Heading Error RMS (arc-min)



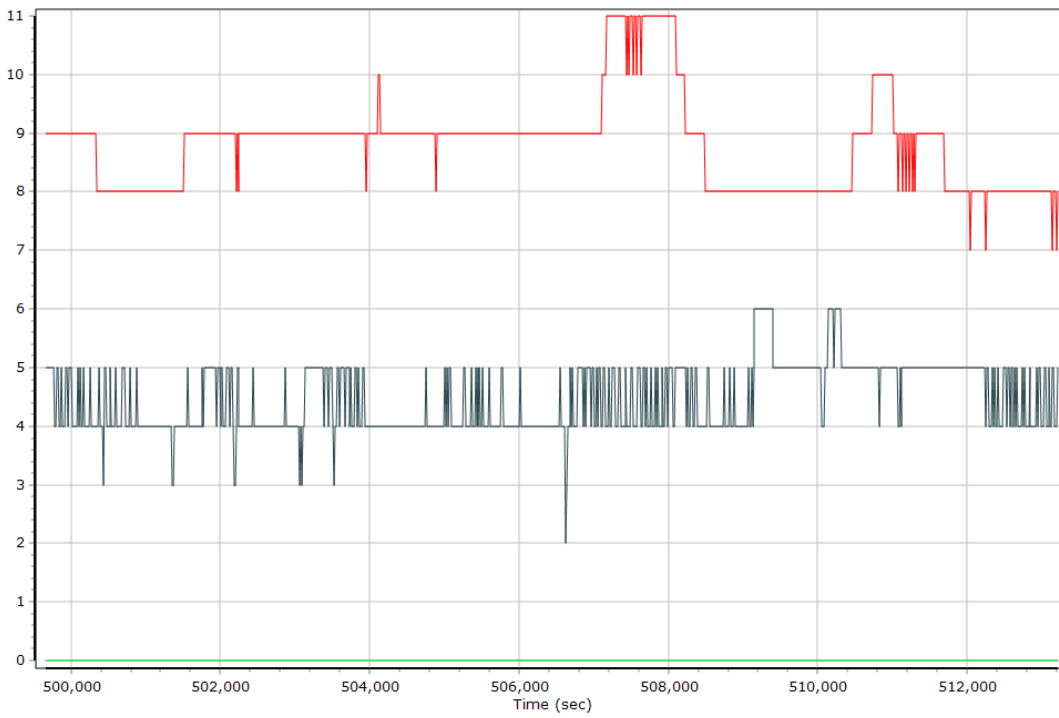
Smoothed Solution Status

Processing Mode



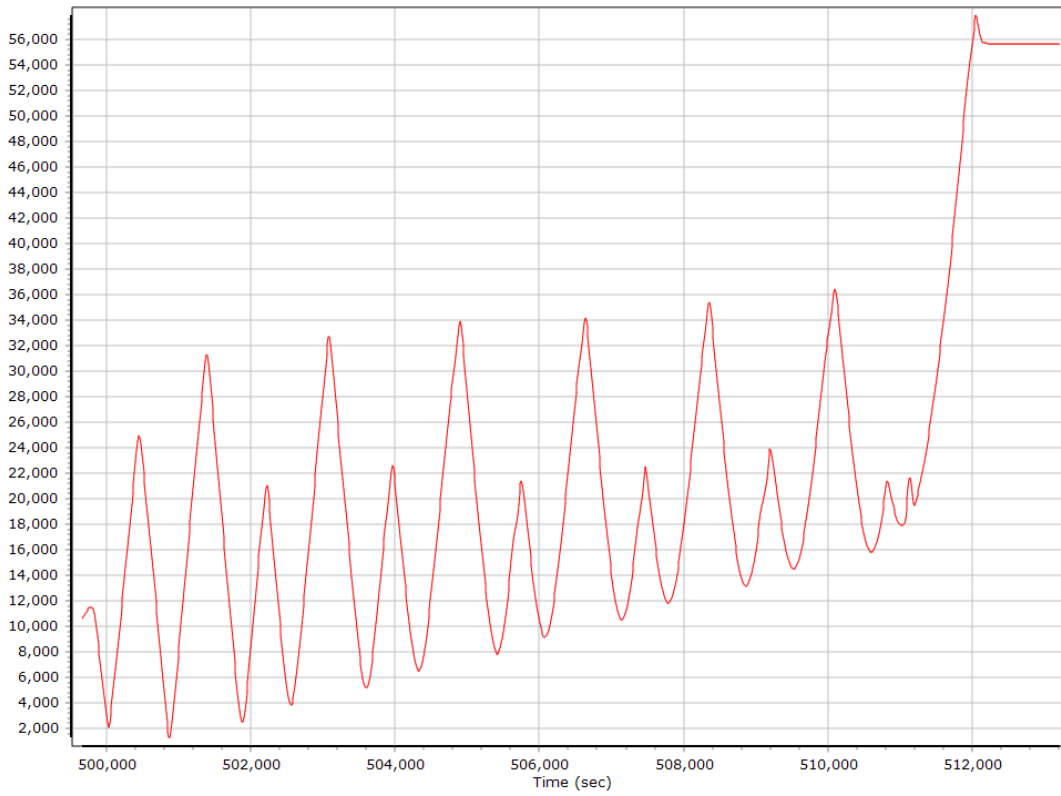
0 = Fixed NL, 1 = Fixed WL, 2 = Float, 3 = DGNSS, 4 = RTCM, 5 = IAPPP, 6 = C/A, 7 = GNSS Nav, 8 = DR

Number of Satellites

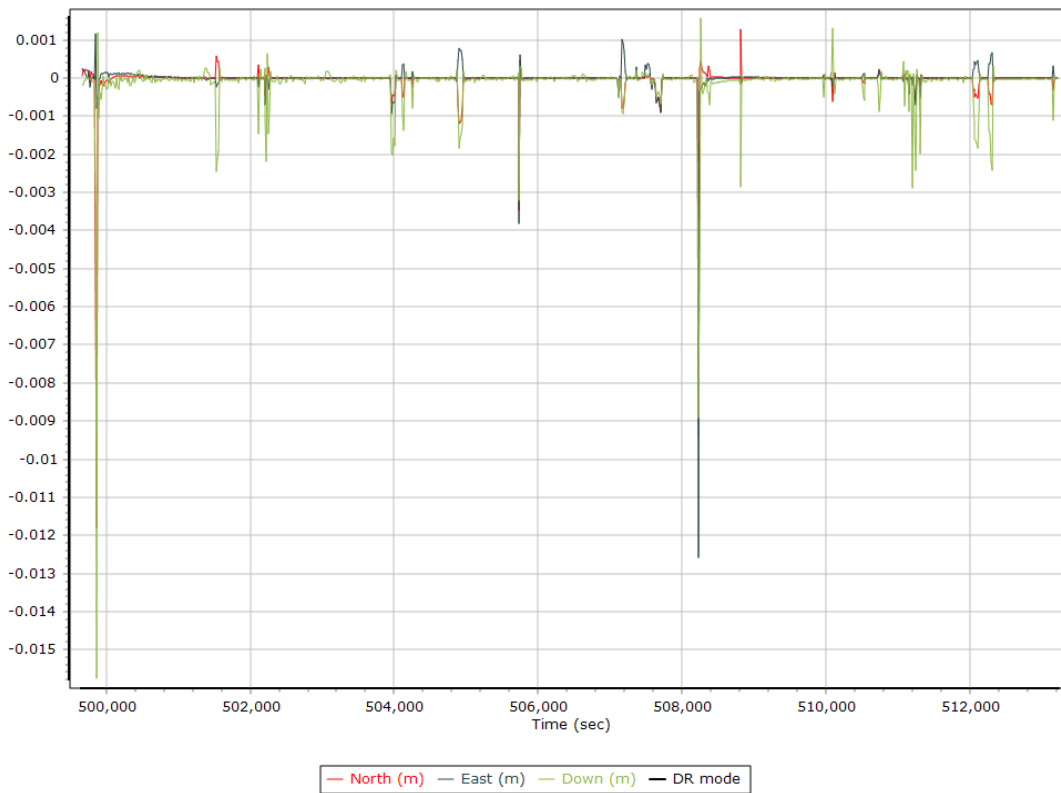


— Number of GPS Satellites — Number of GLONASS Satellites — Number of QZSS Satellites
— Number of BEIDOU Satellites — Number of GALILEO Satellites

Baseline Length



SBET IAKAR Separation



Export Summary

Export file	export_XSS20052B_177.kml		
Export format	Google KML		
Solution in use	Post-processed		
Output rate	Specified Distance Interval		
Distance Interval (m)	10.000		
Reference to Output lever arm (m)	0.000	0.000	0.000
Reference mounting angles (deg)	0.000	0.000	0.000
Output units (Coordinate / Lat & Lon)	Meter	Deg Decimal	
Export start time	499273.671 (2/21/2020 6:41:13 PM)		
Export end time	513229.149 (2/21/2020 10:33:49 PM)		
Height option	Ellipsoid Height		
WGS84 height flag	False		
Grid	Universal Transverse Mercator		
Zone	UTM North 17 (84W to 78W)		
Datum	WGS84		
Ellipsoid	WGS84		
Local Transformation	NONE		
Target Epoch	2020.139344		