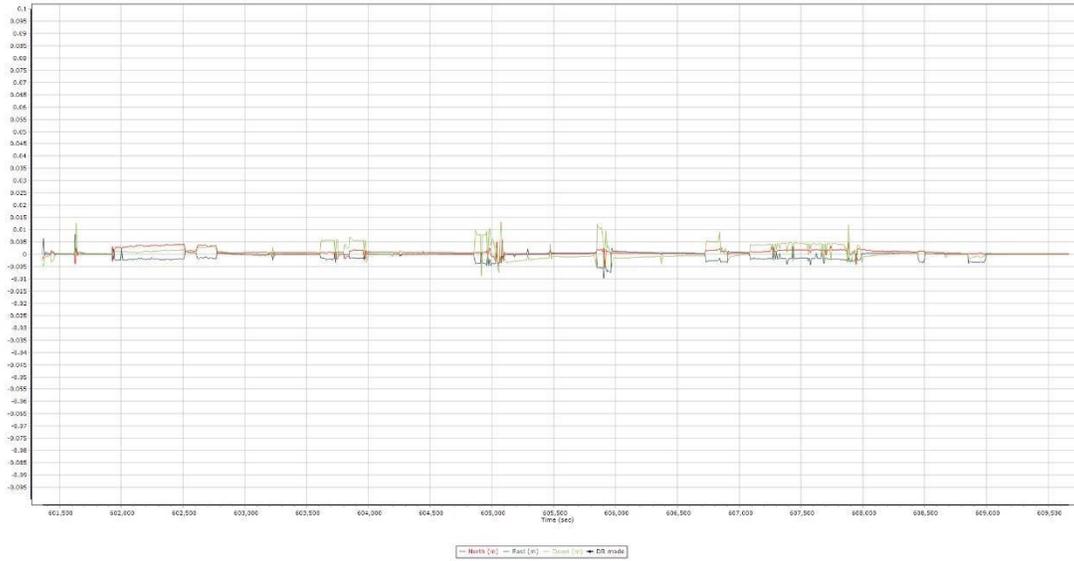


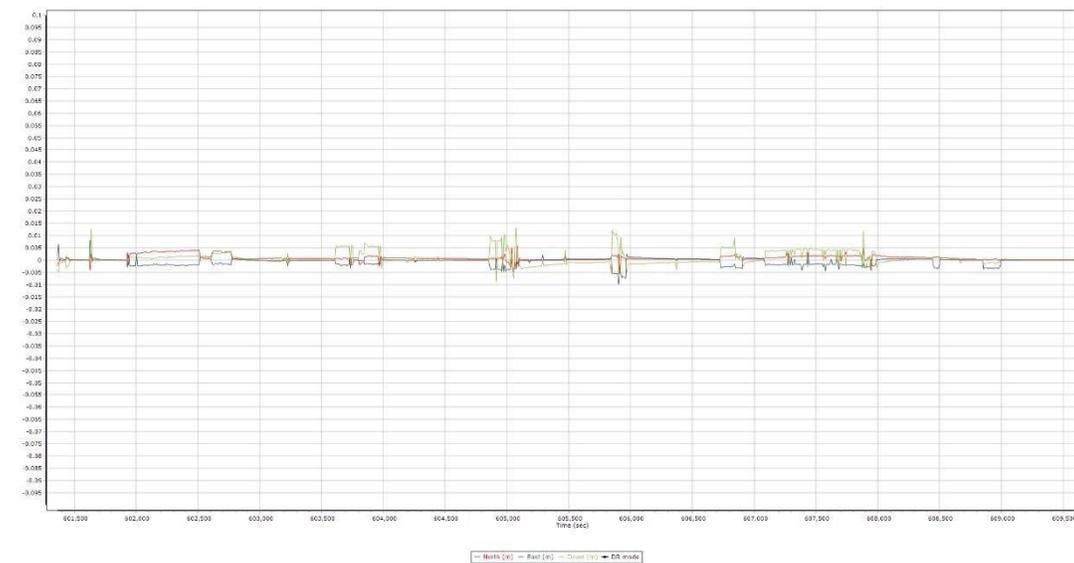
Appendix C: GPS and IMU Processing Reports

COW CREEK

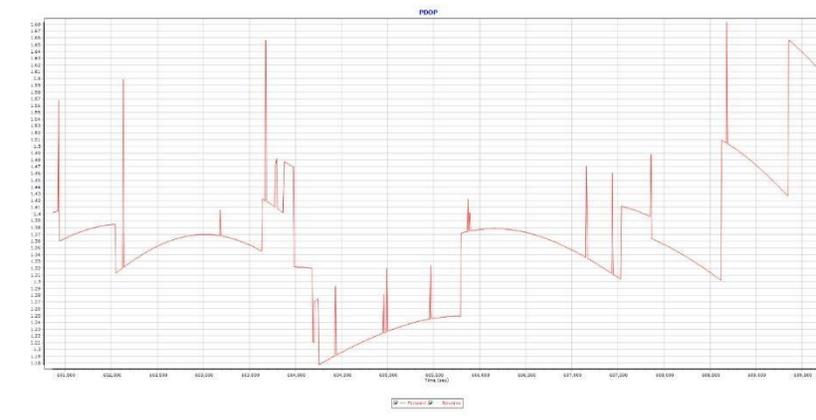
SBET IAKAR Separation plot



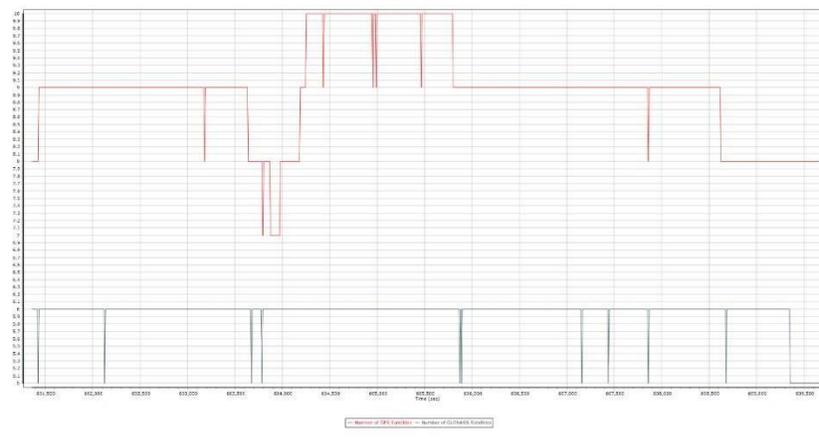
Smoothed Performance Metrics plot



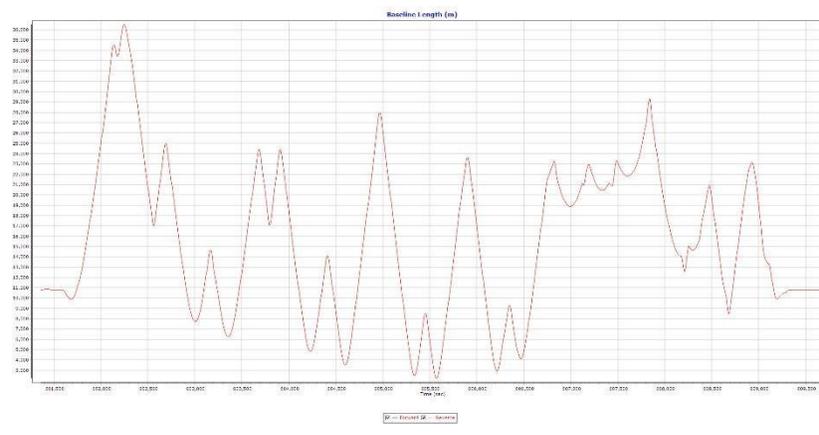
PDOP plot



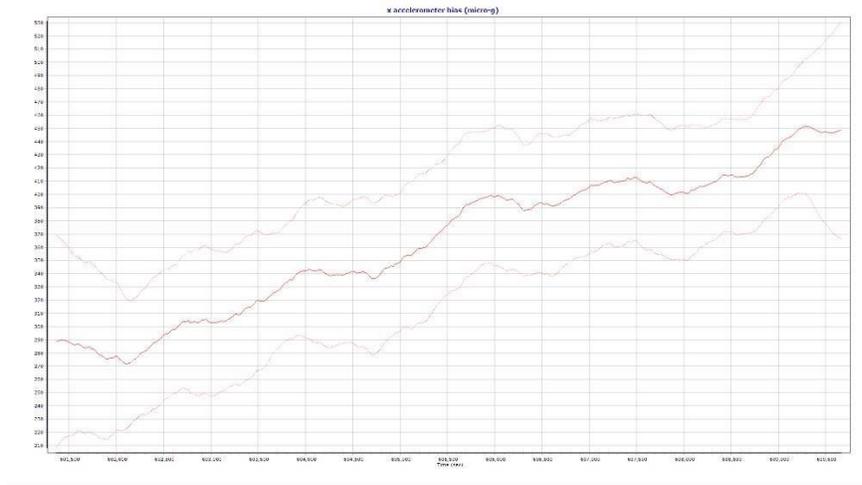
Number of Satellites plot



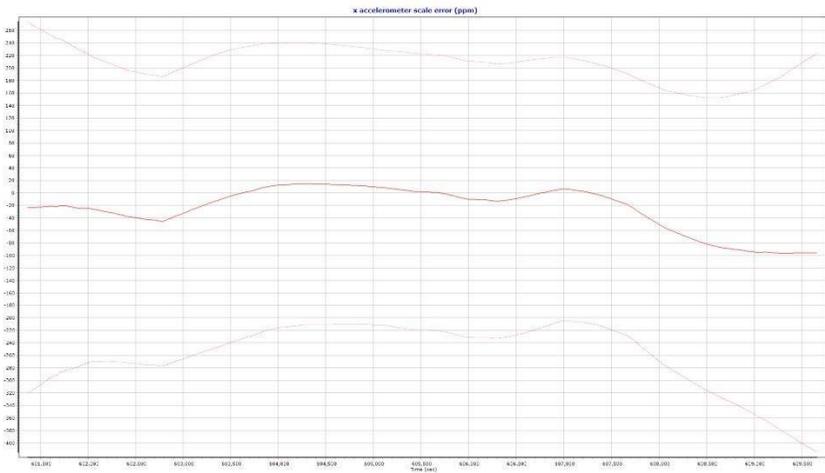
Baseline Length



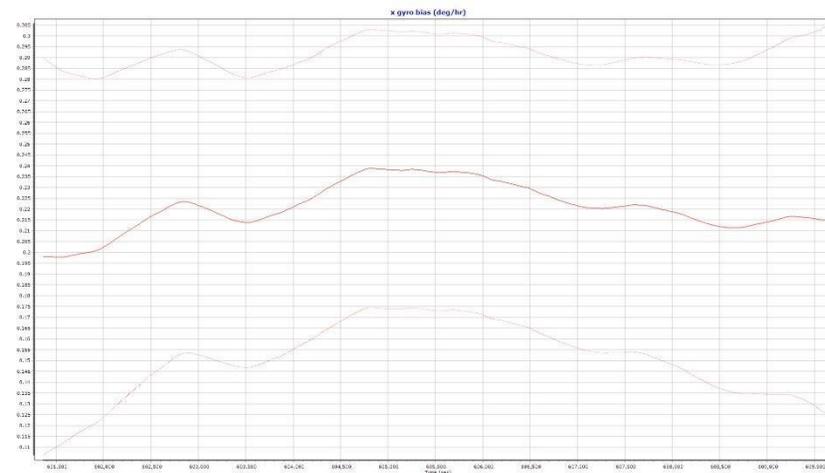
X accelerometer bias



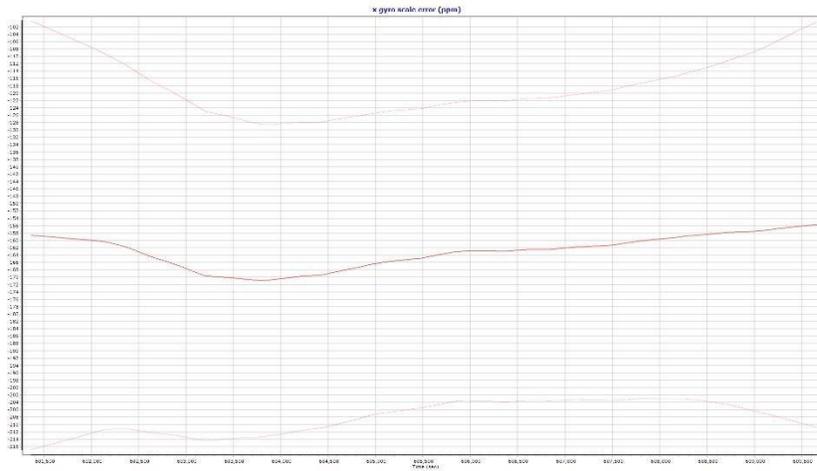
X accelerometer scale error



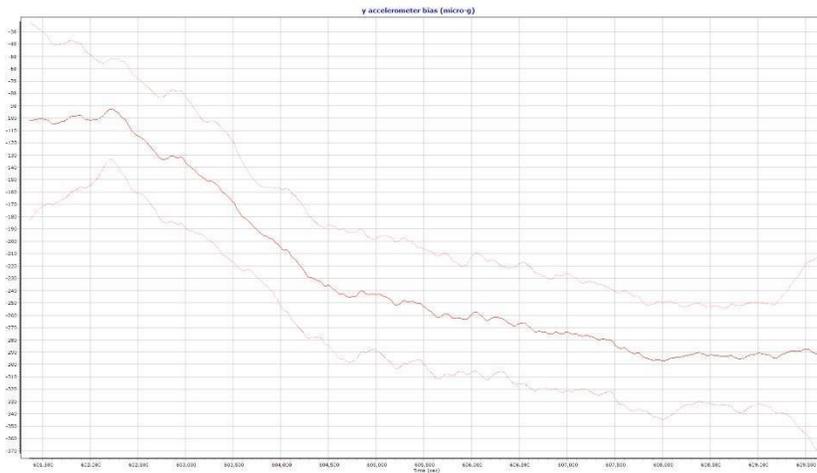
X gyro bias



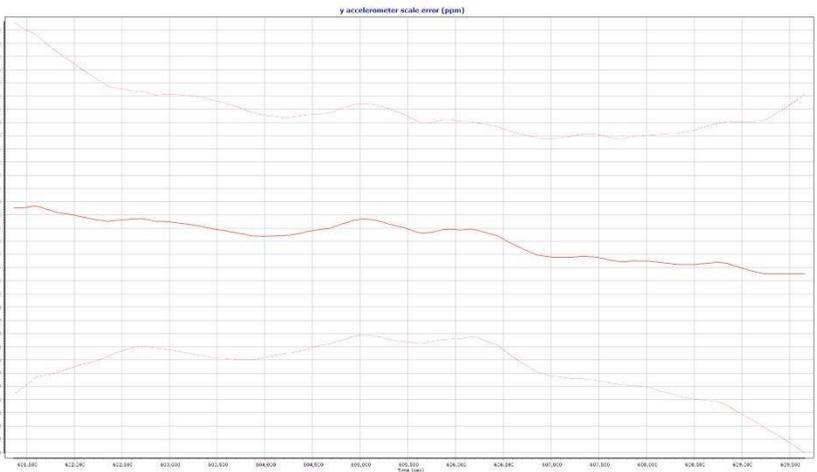
X gyro scale error



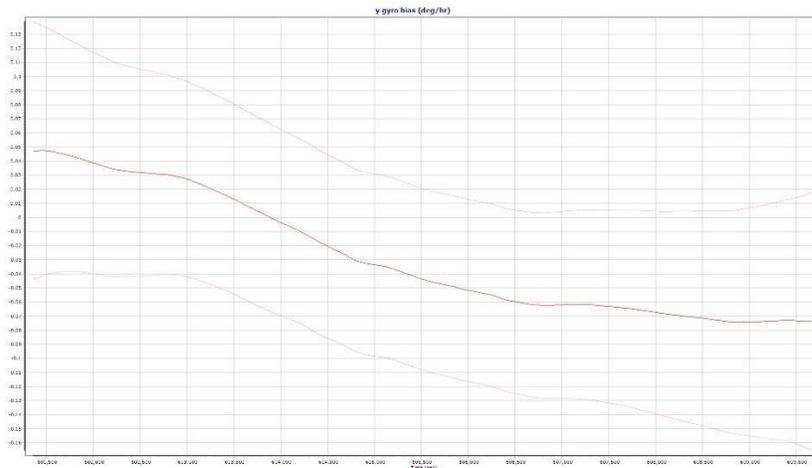
Y accelerometer bias



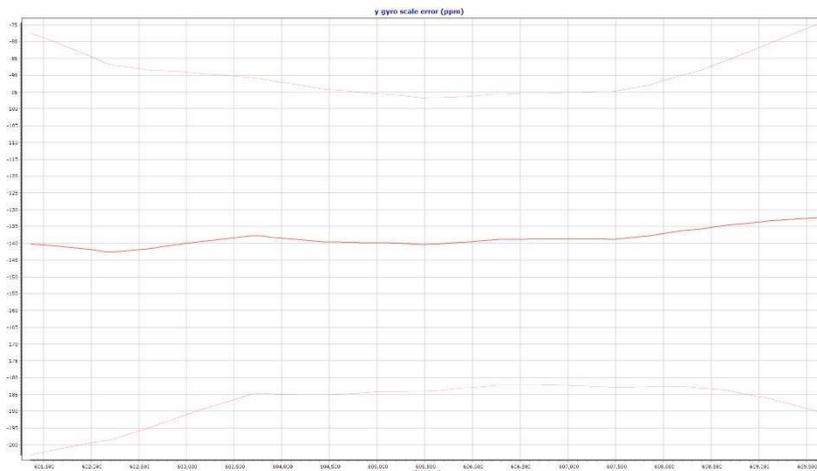
Y accelerometer scale error



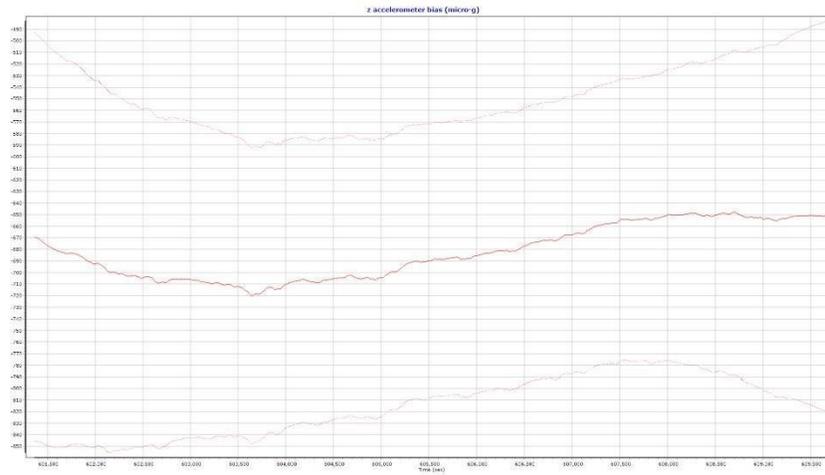
Y gyro bias



Y gyro scale error



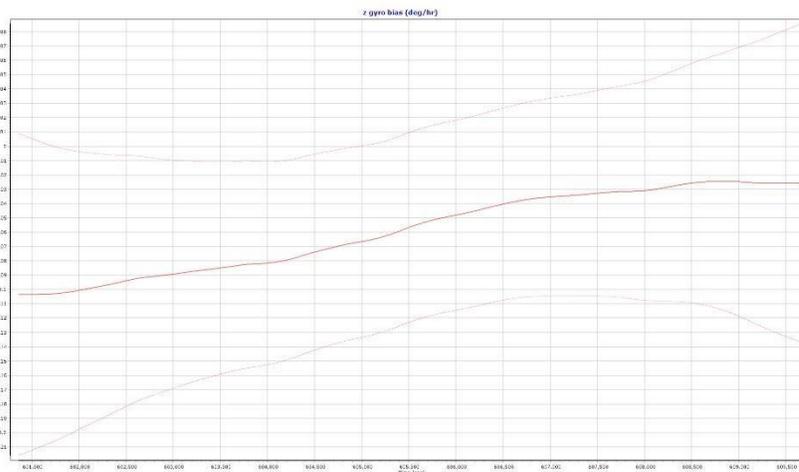
Z accelerometer bias



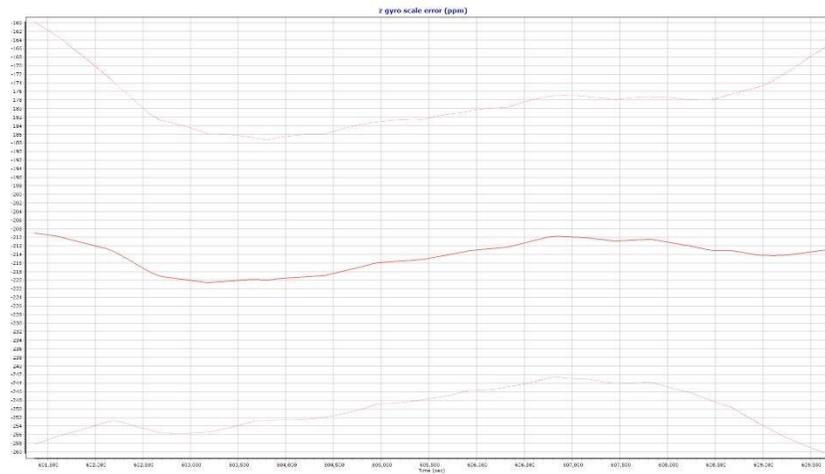
Z accelerometer scale error



Z gyro bias

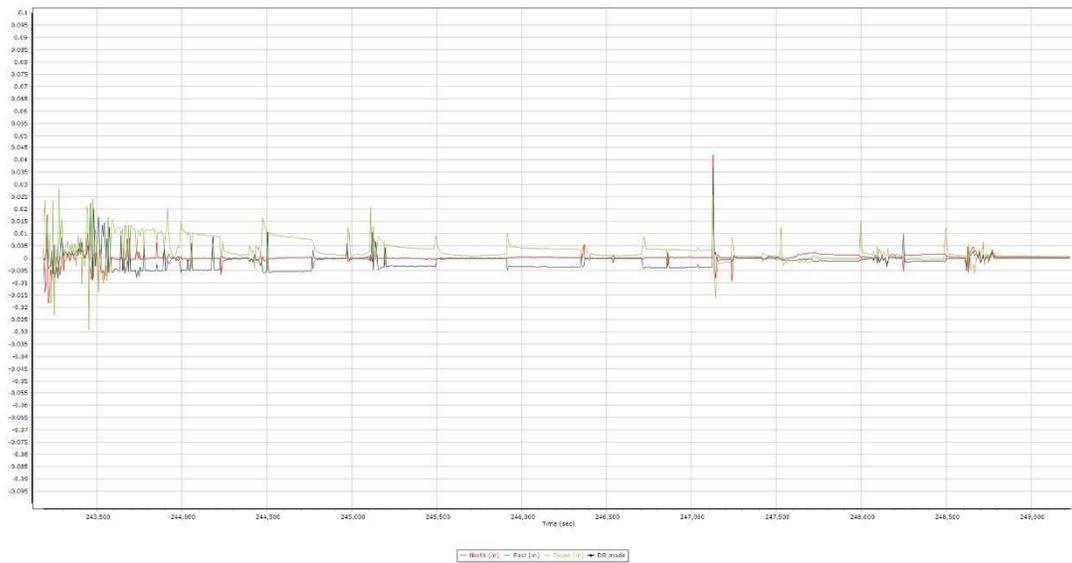


Z gyro scale error

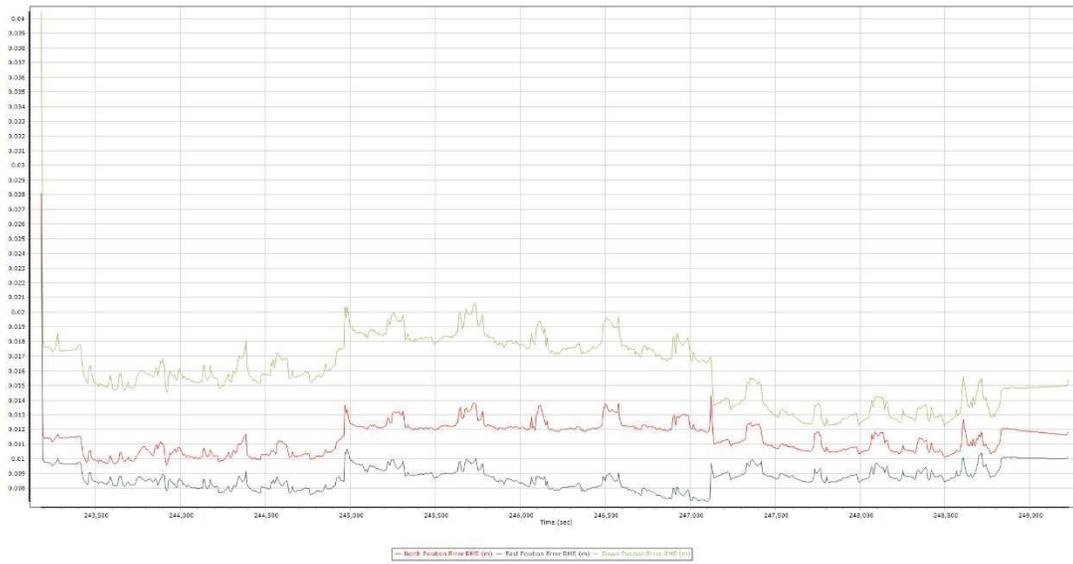


KEEFER SLOUGH

SBET IAKAR Separation plot

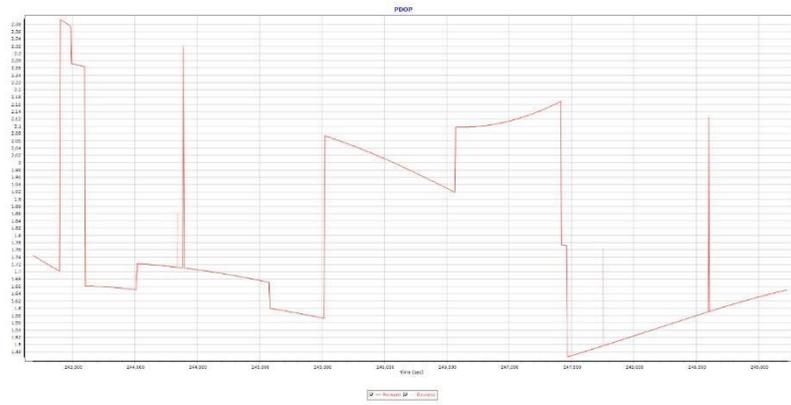


Smoothed Performance Metrics plot

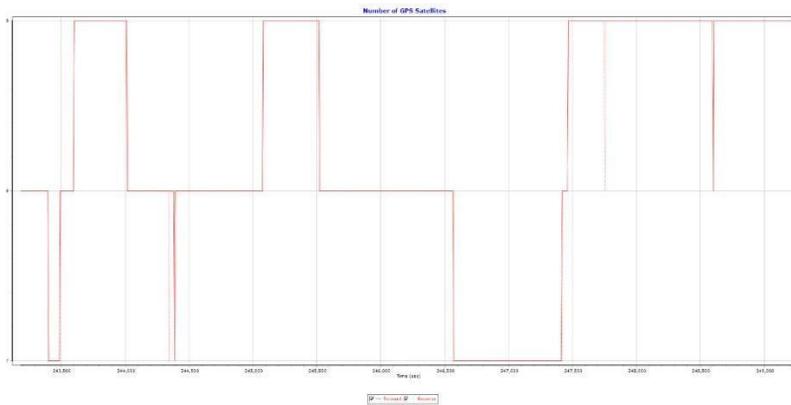


of 50

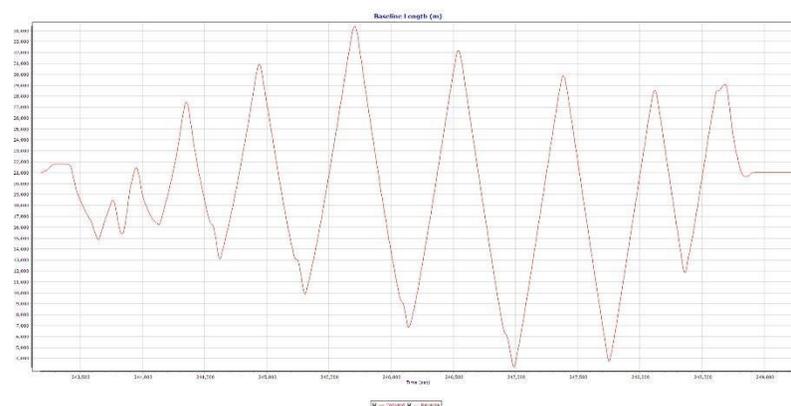
PDOP plot



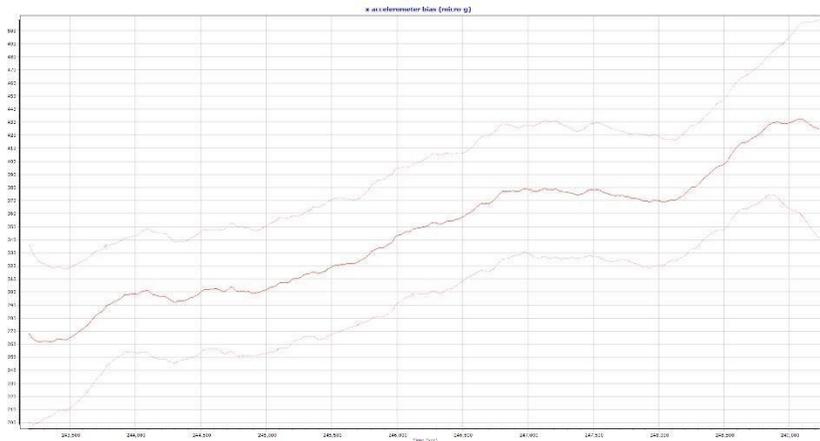
Number of Satellites plot



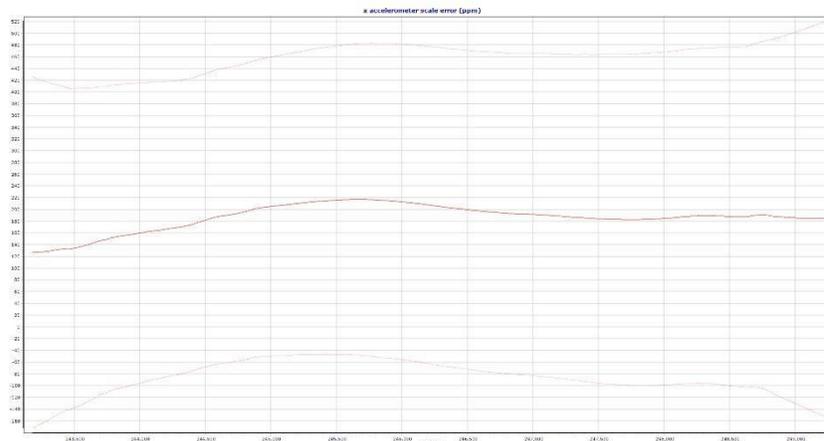
Baseline Length



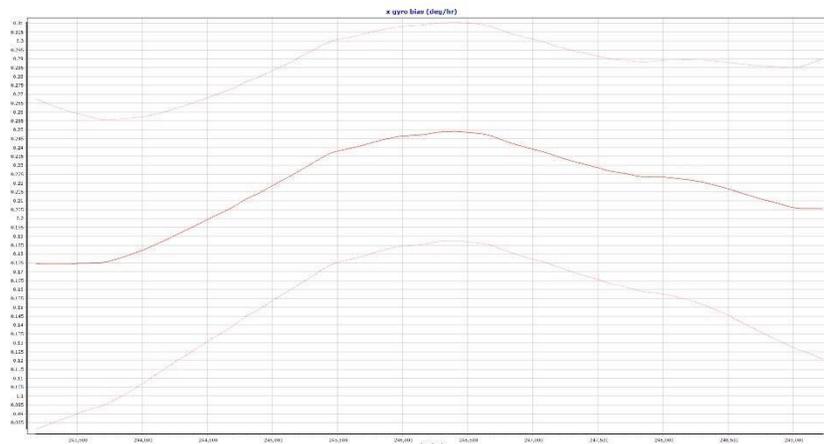
X accelerometer bias



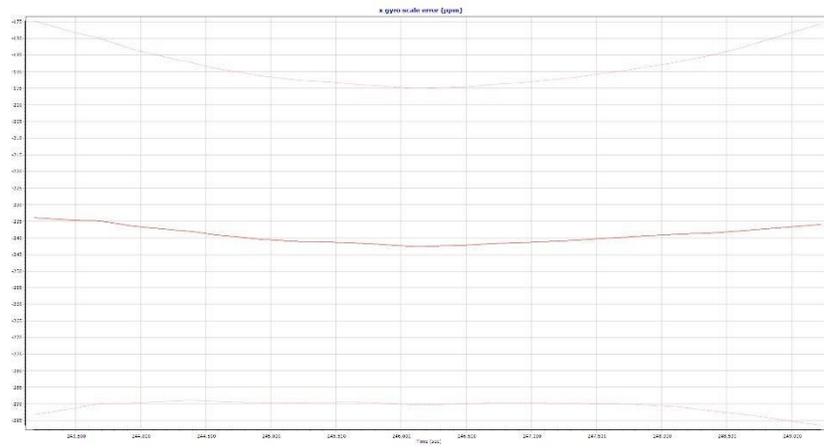
X accelerometer scale error



X gyro bias



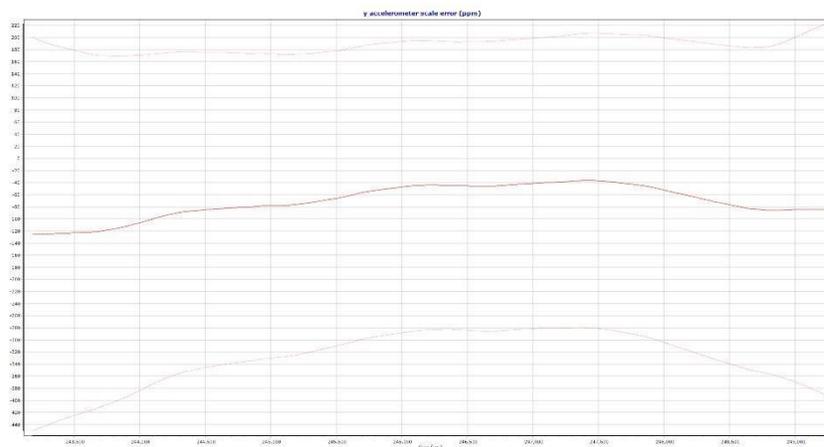
X gyro scale error



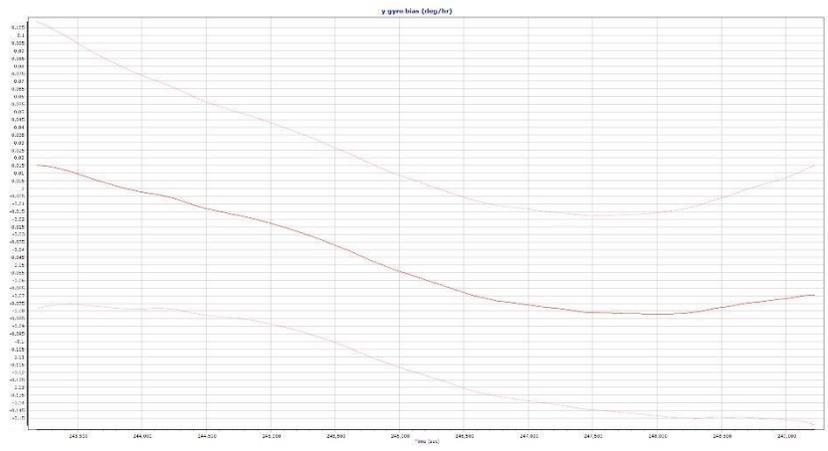
Y accelerometer bias



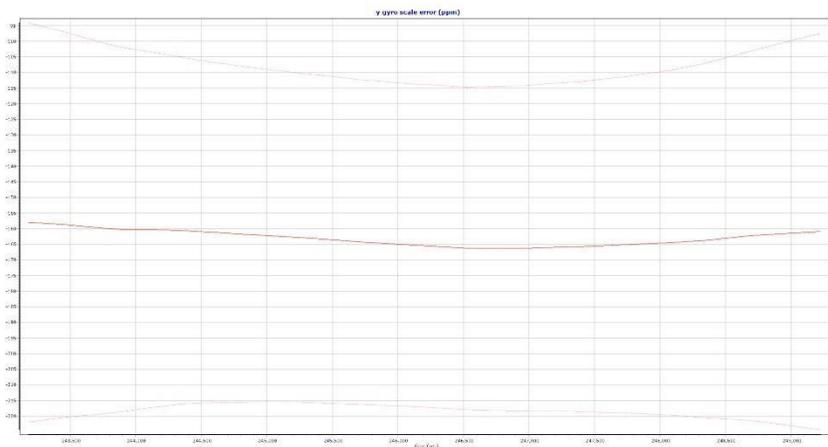
Y accelerometer scale error



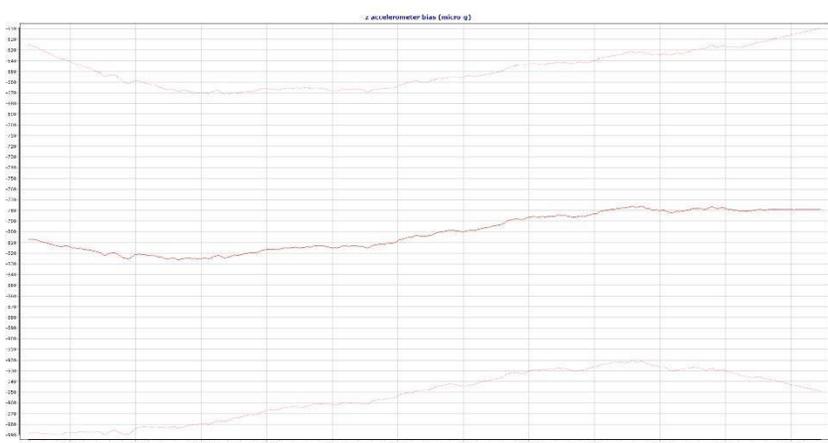
Y gyro bias



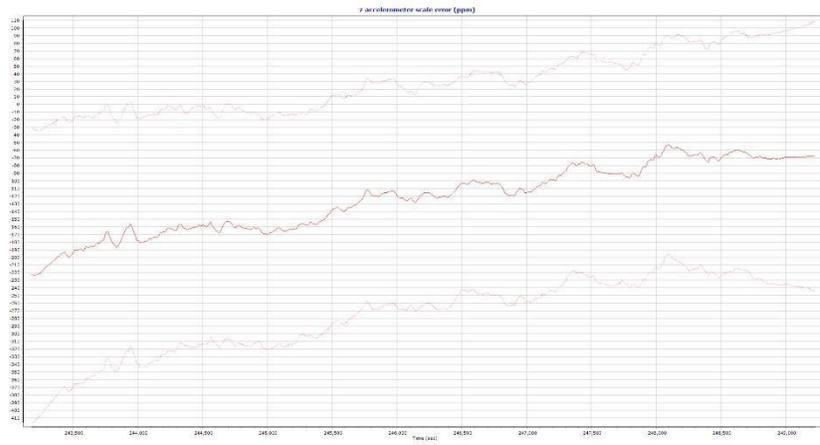
Y gyro scale error



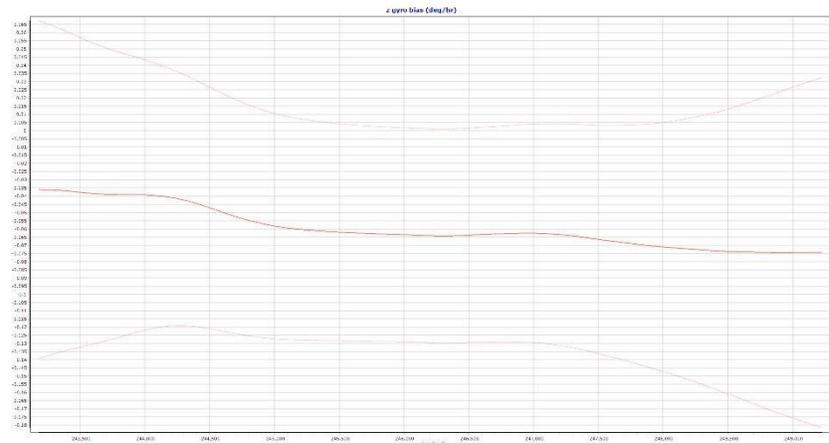
Z accelerometer bias



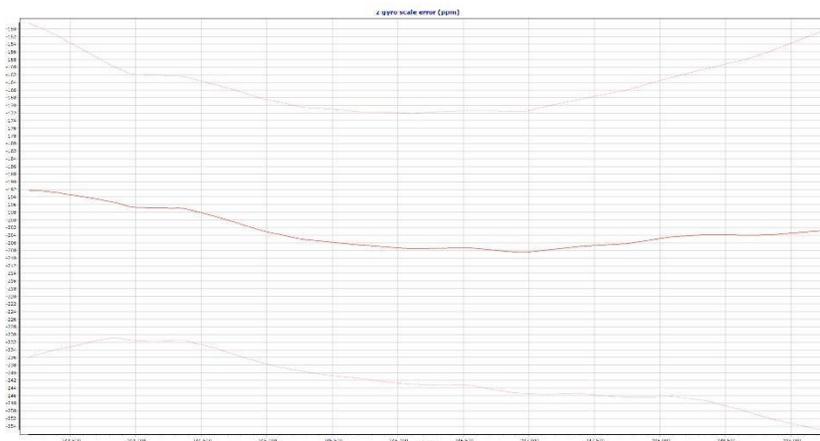
Z accelerometer scale error



Z gyro bias

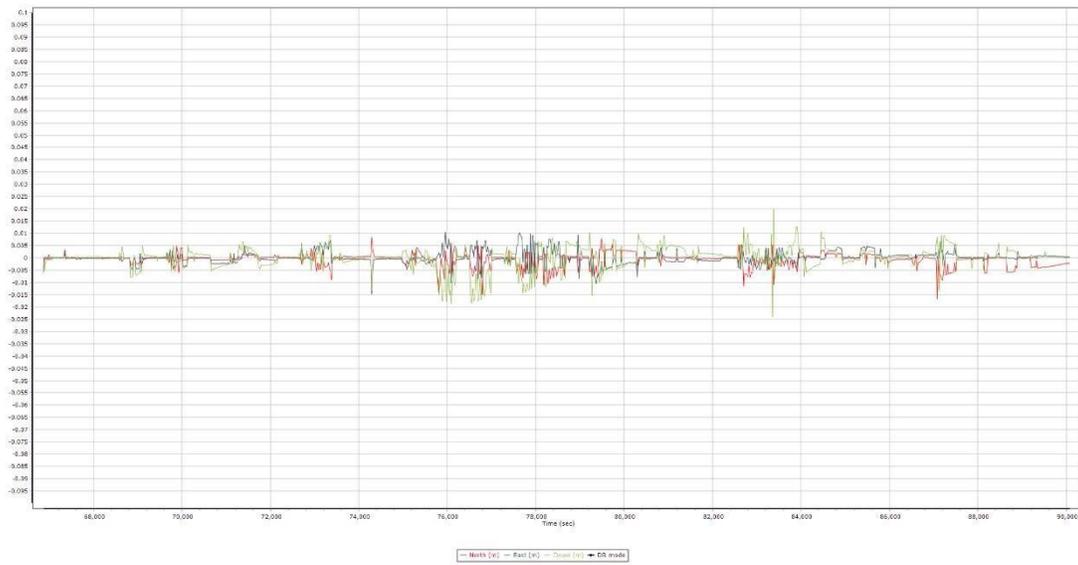


Z gyro scale error

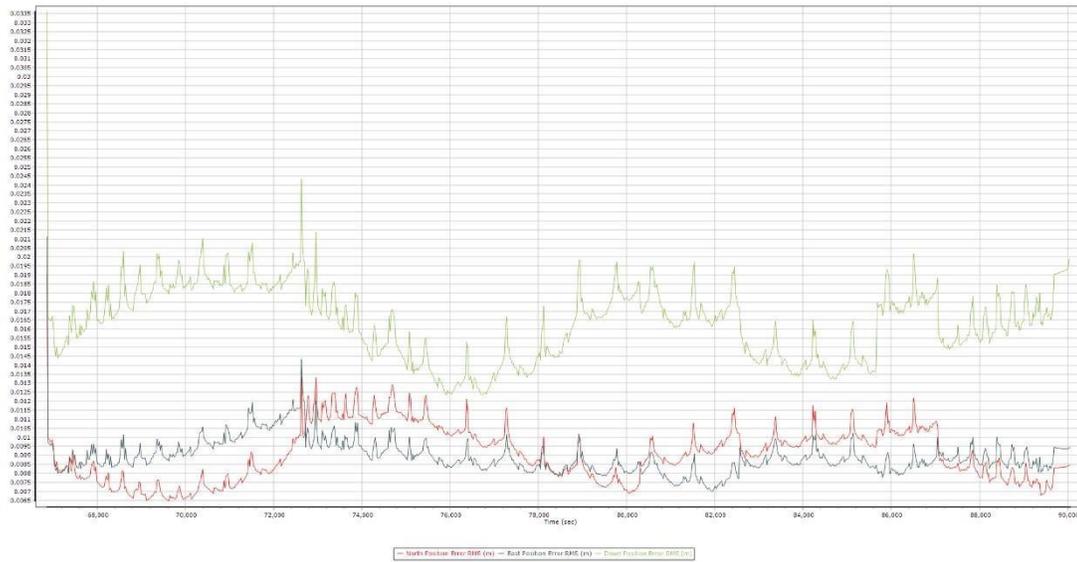


RUSSIAN MENDOCINO

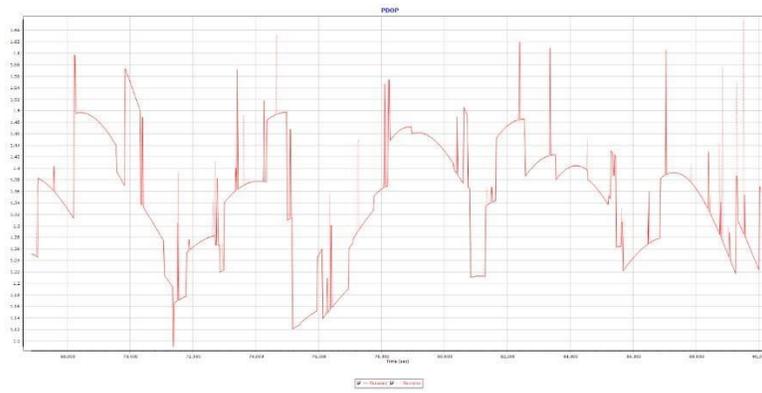
SBET IAKAR Separation plot



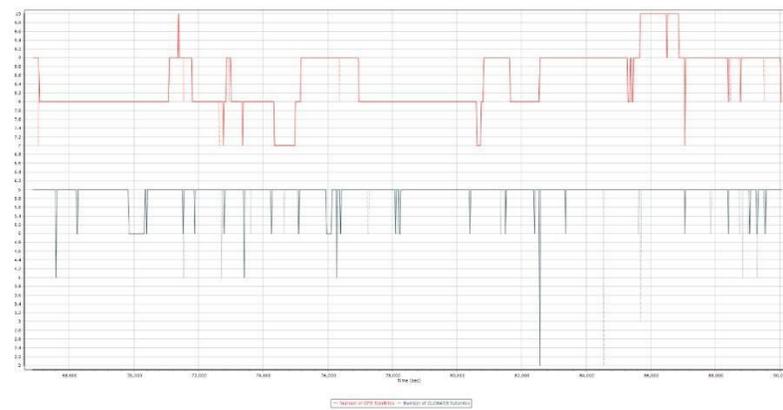
Smoothed Performance Metrics plot



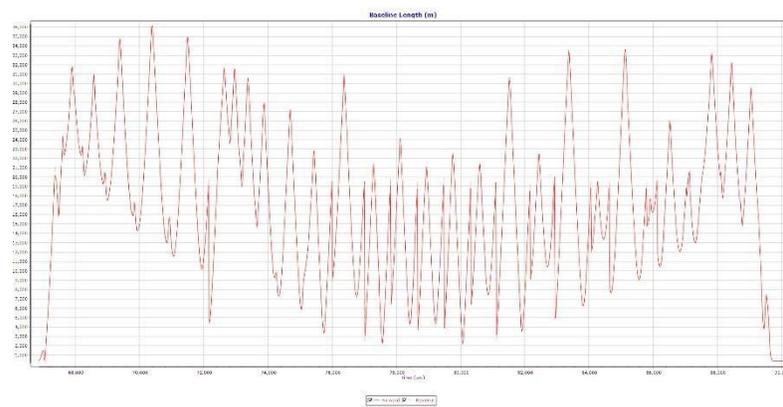
PDOP plot



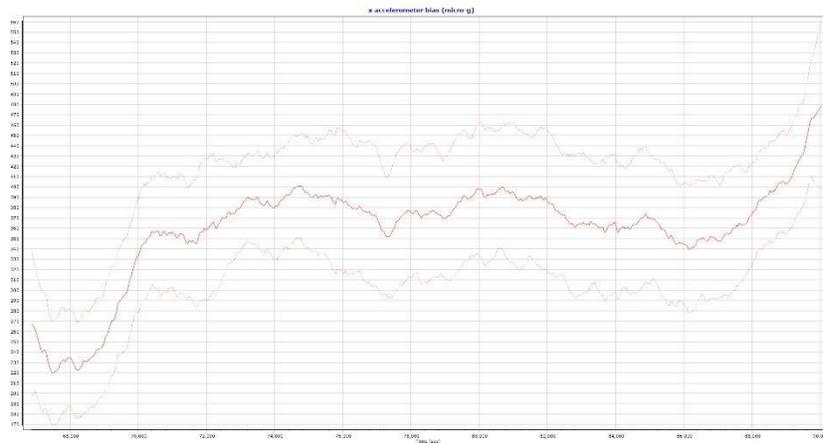
Number of Satellites plot



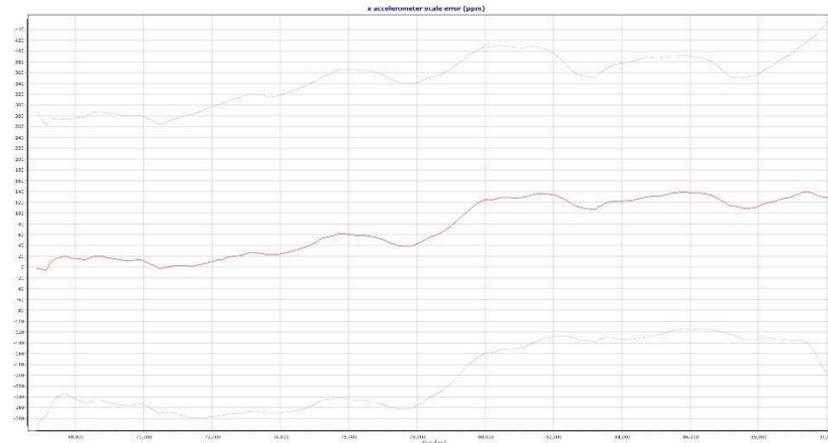
Baseline Length



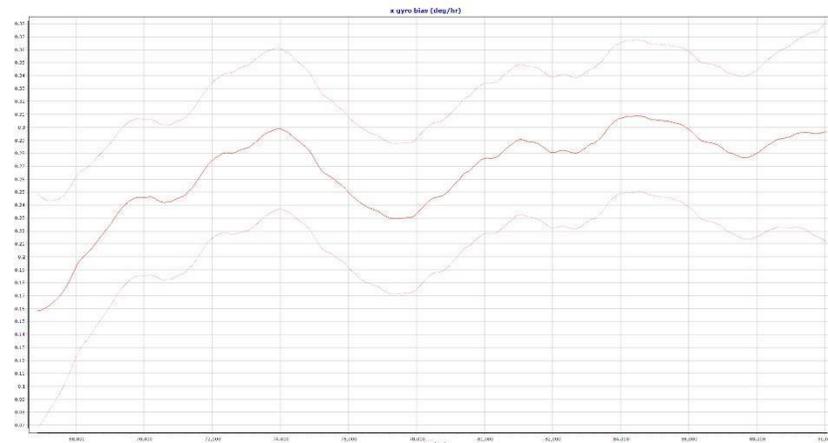
X accelerometer bias



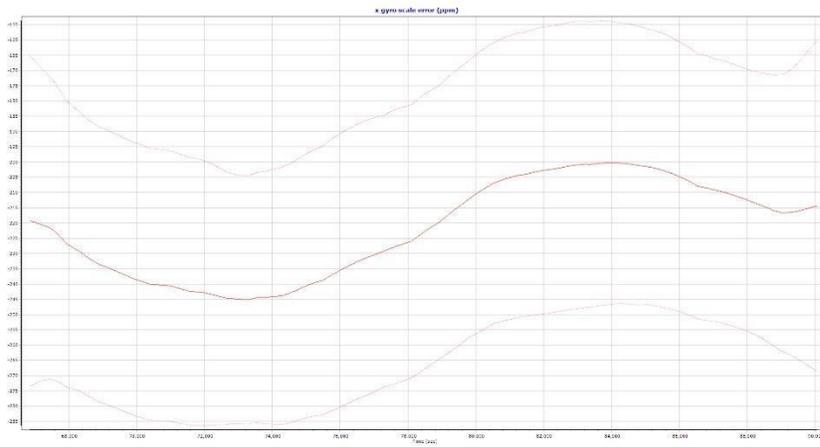
X accelerometer scale error



X gyro bias



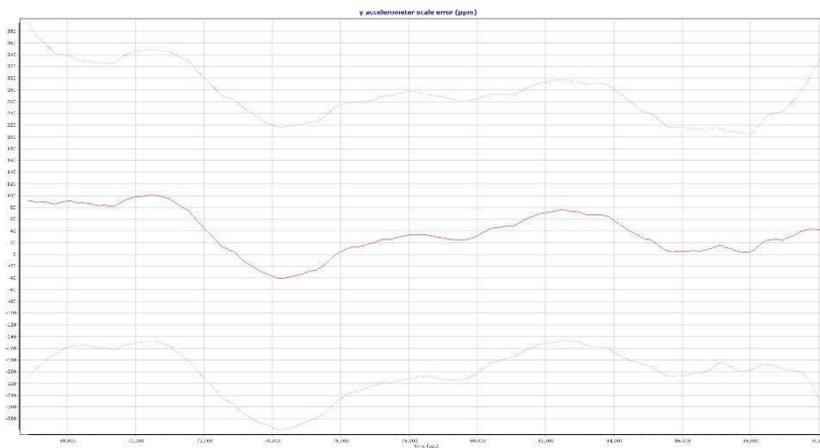
X gyro scale error



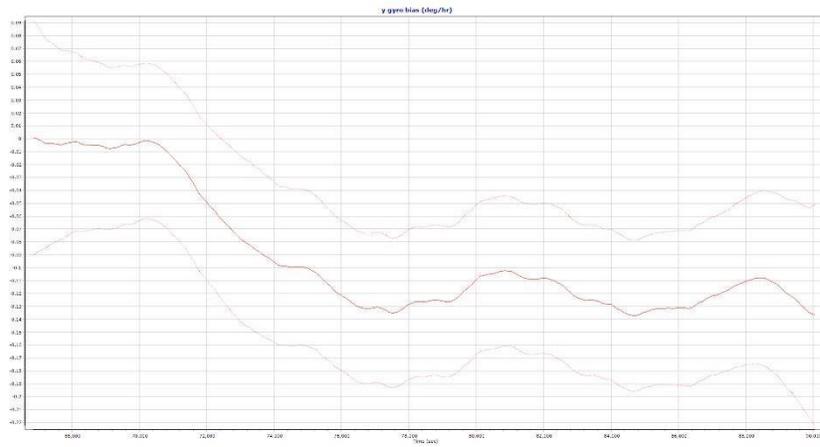
Y accelerometer bias



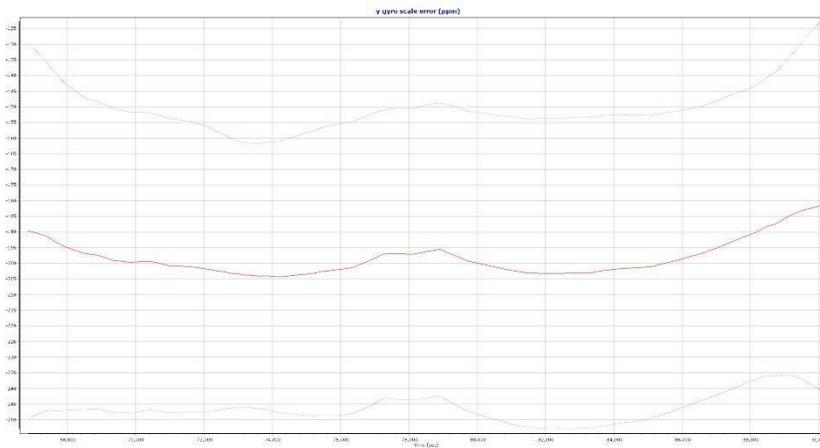
Y accelerometer scale error



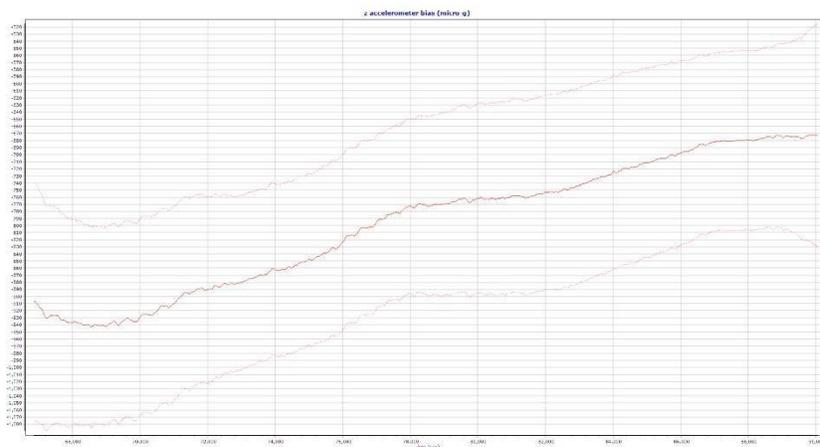
Y gyro bias



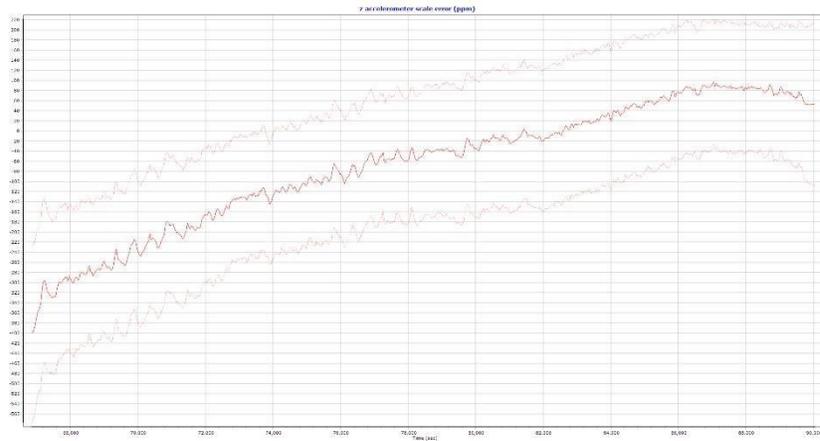
Y gyro scale error



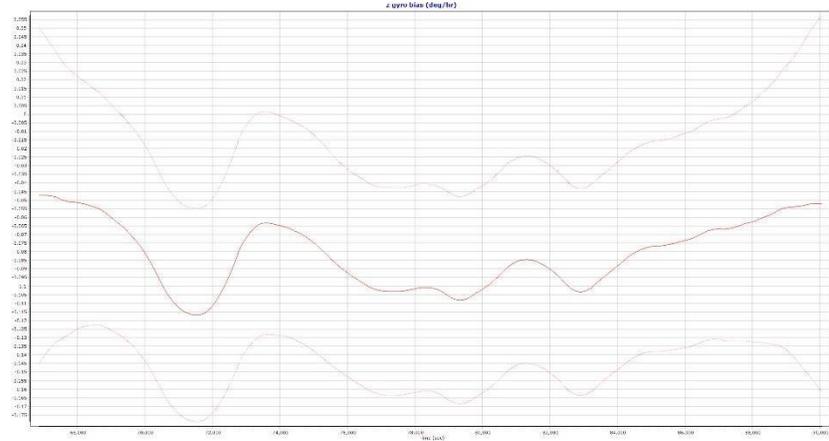
Z accelerometer bias



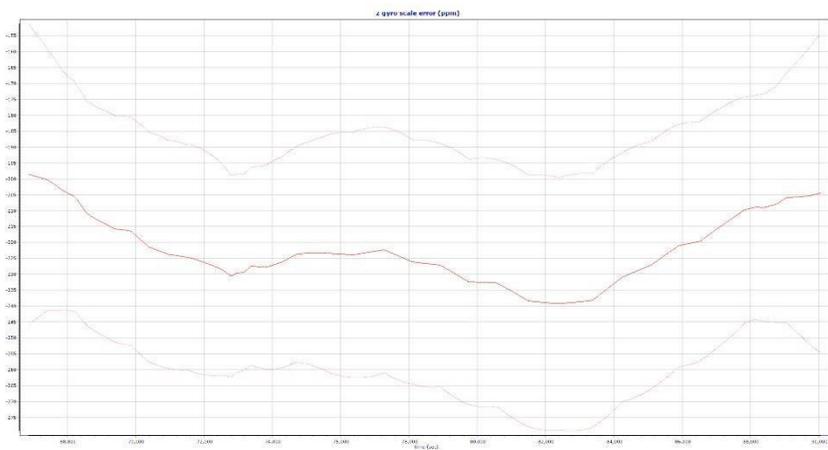
Z accelerometer scale error



Z gyro bias (deg/hr)

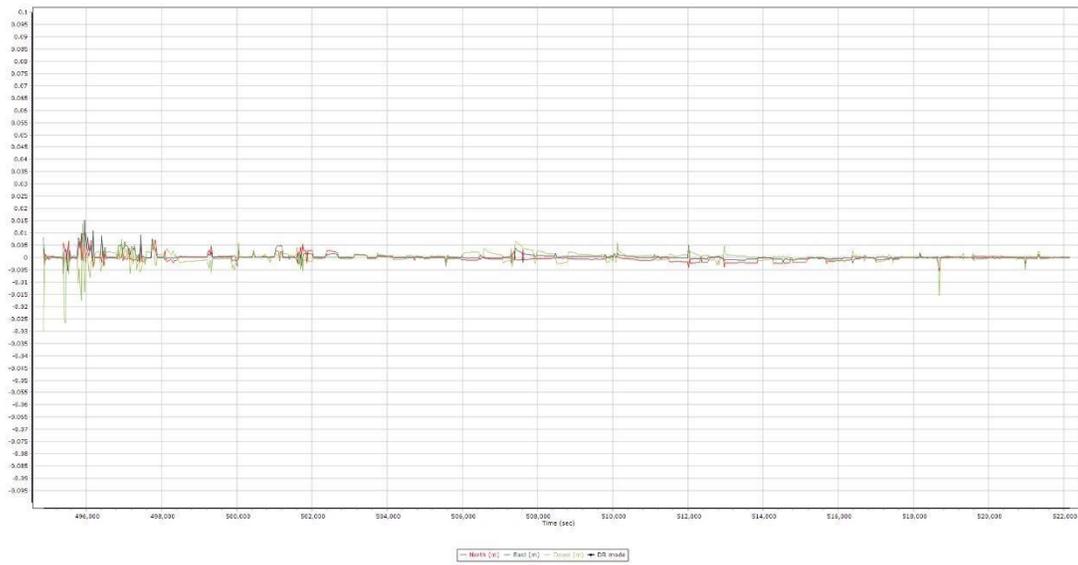


Z gyro scale error

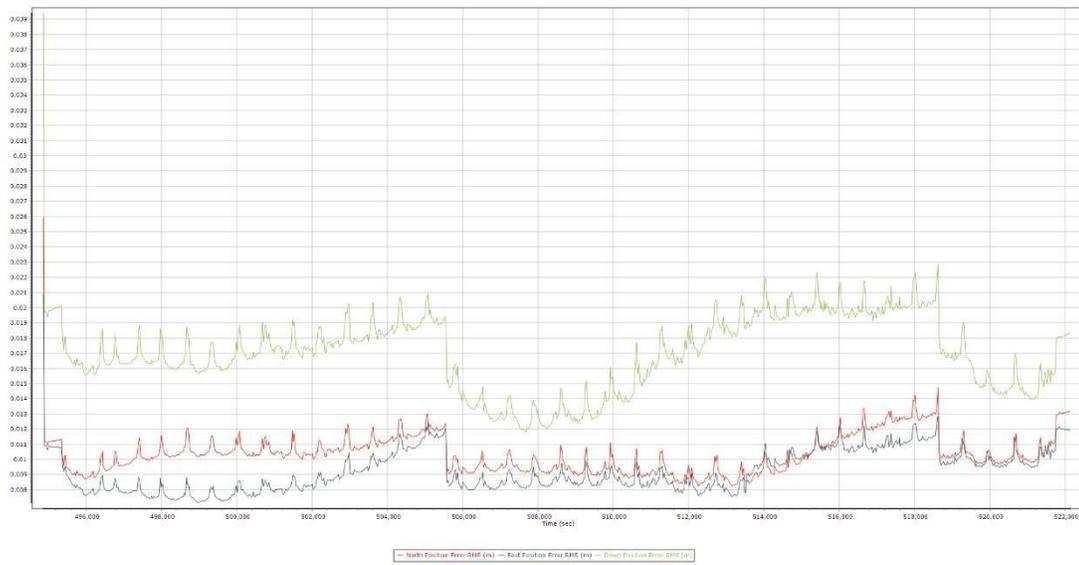


UPPER PIT MISSION 1

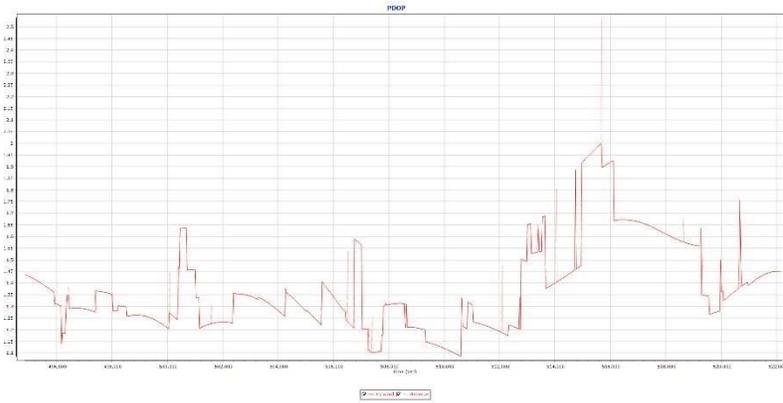
SBET IAKAR Separation plot



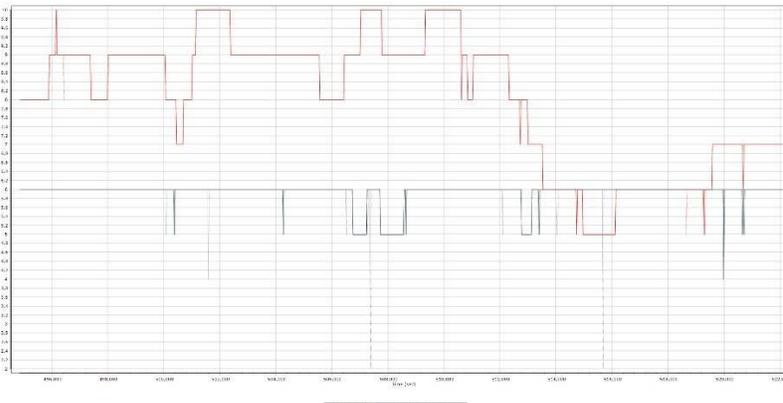
Smoothed Performance Metrics plot



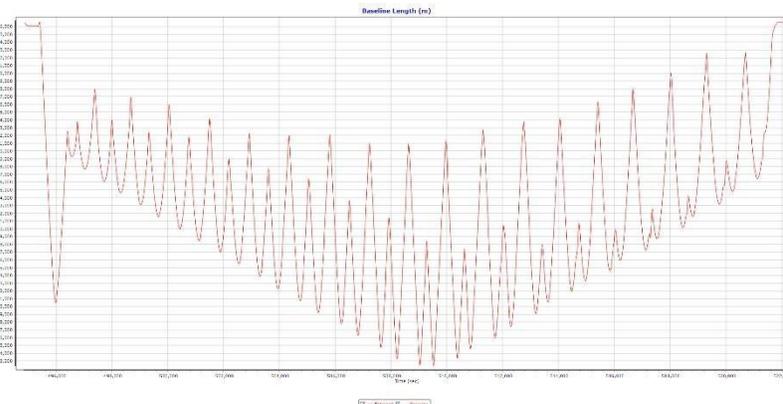
PDOP plot



Number of Satellites plot



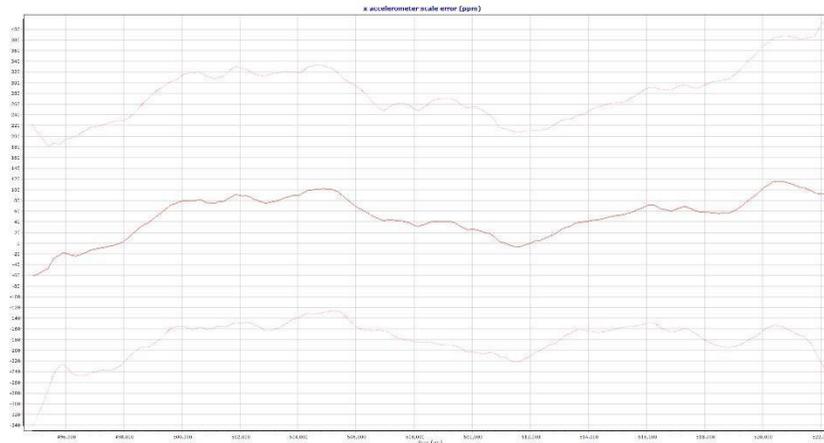
Baseline Length



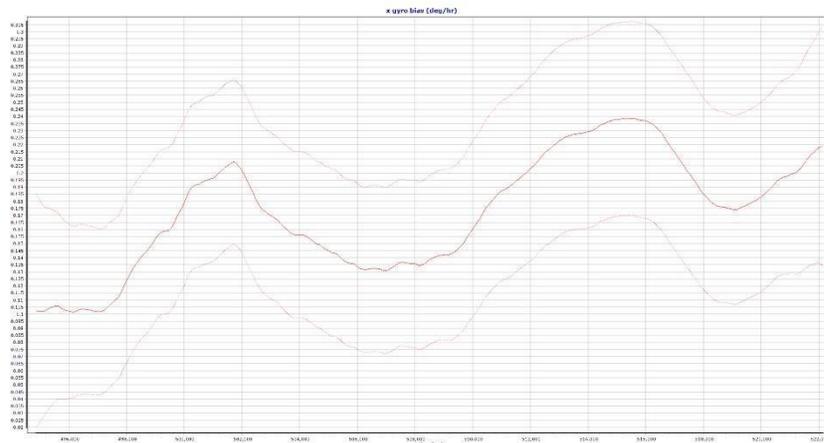
X accelerometer bias



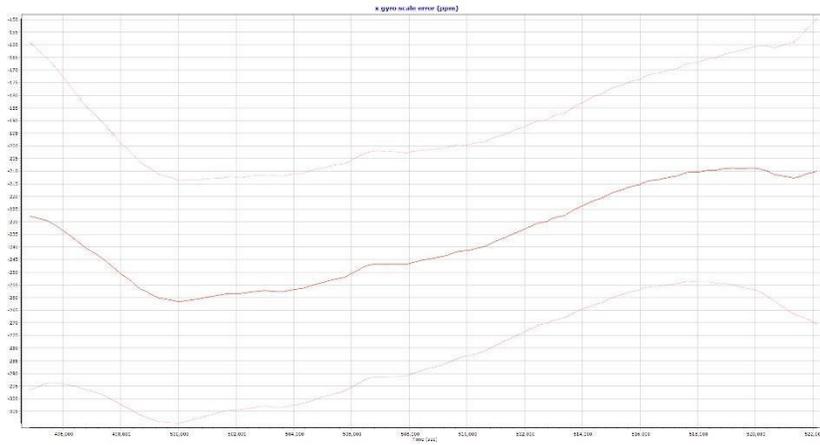
X accelerometer scale error



X gyro bias



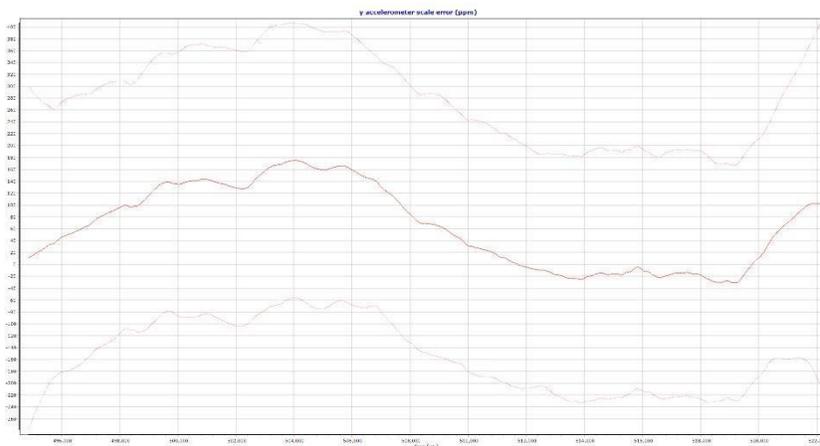
X gyro scale error



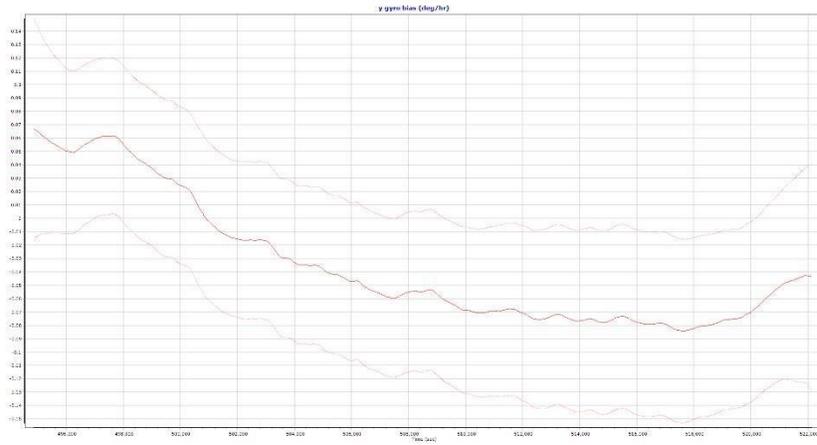
Y accelerometer bias



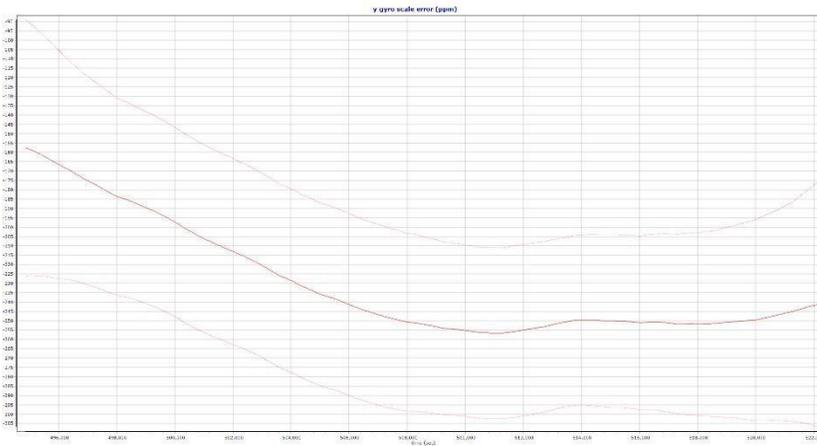
Y accelerometer scale error



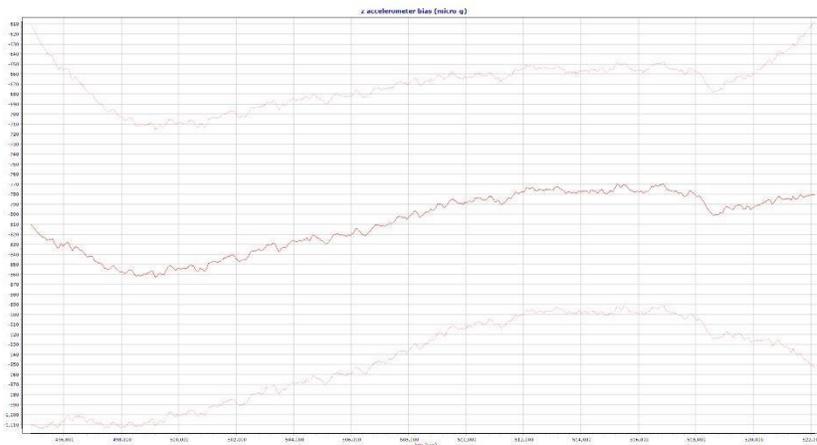
Y gyro bias



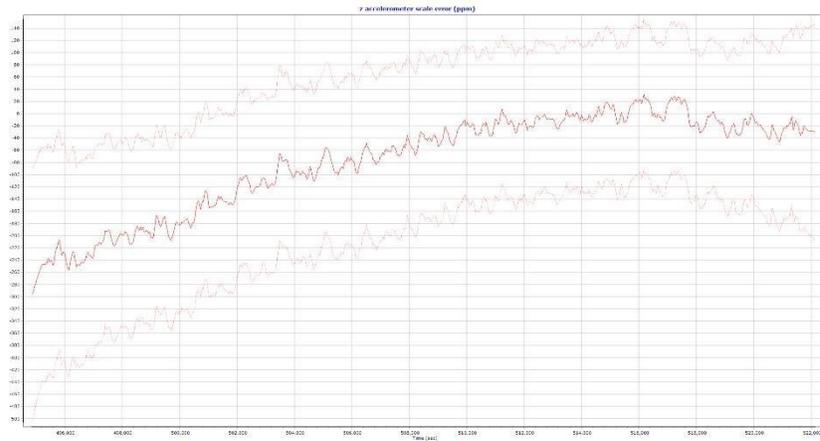
Y gyro scale error



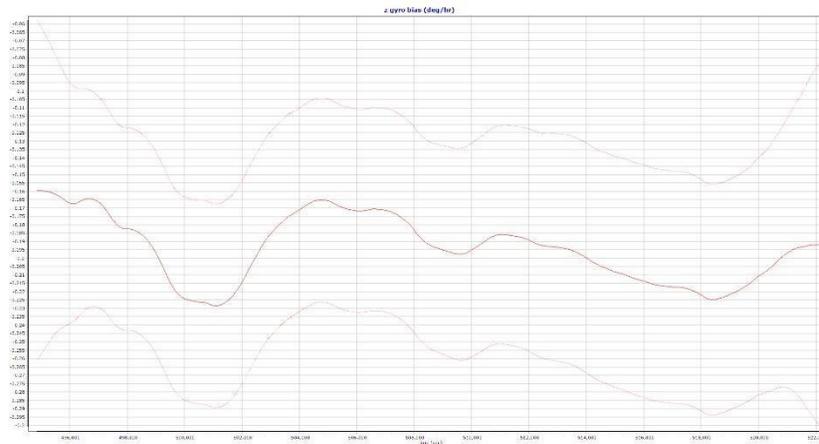
Z accelerometer bias



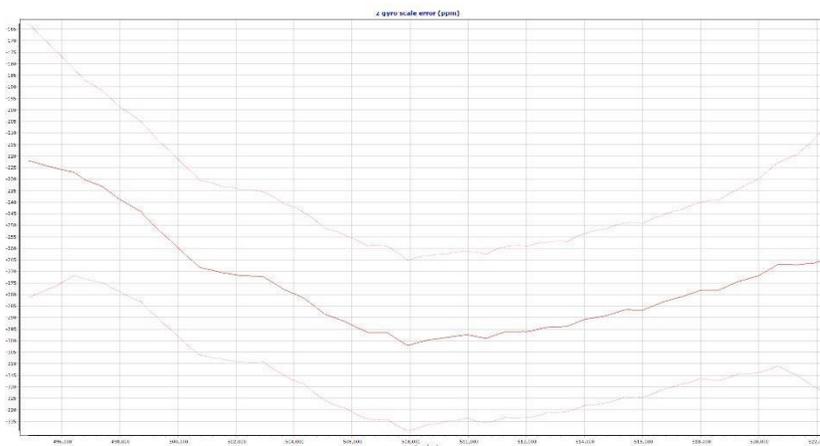
Z accelerometer scale error



Z gyro bias

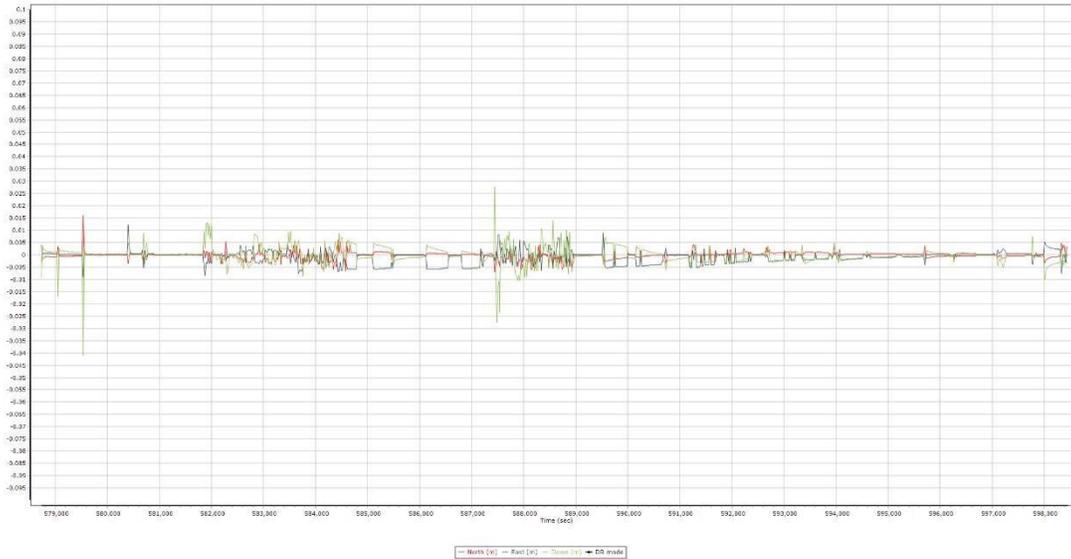


Z gyro scale error

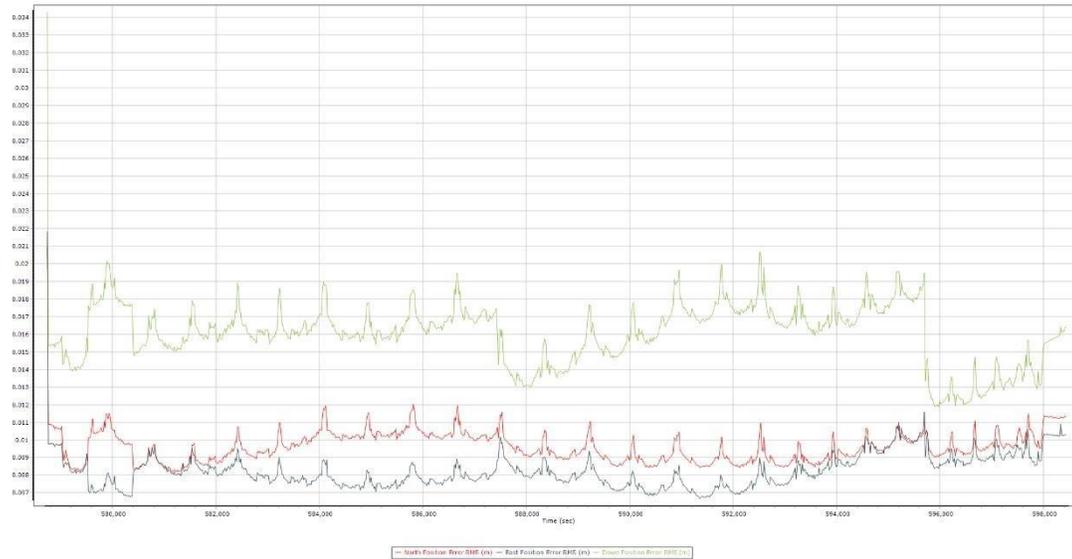


UPPER PIT MISSION 2

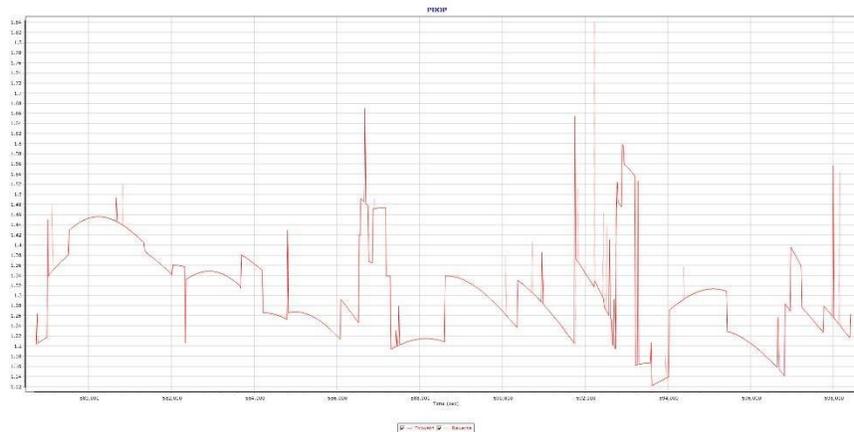
SBET IAKAR Separation plot



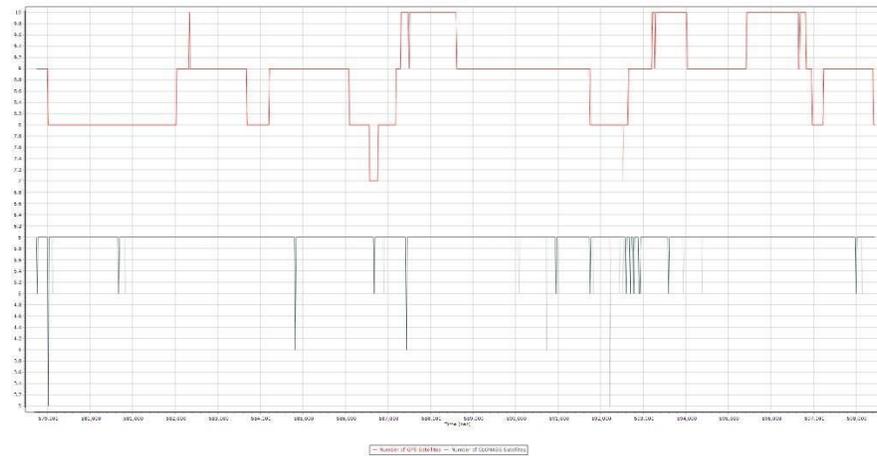
Smoothed Performance Metrics plot



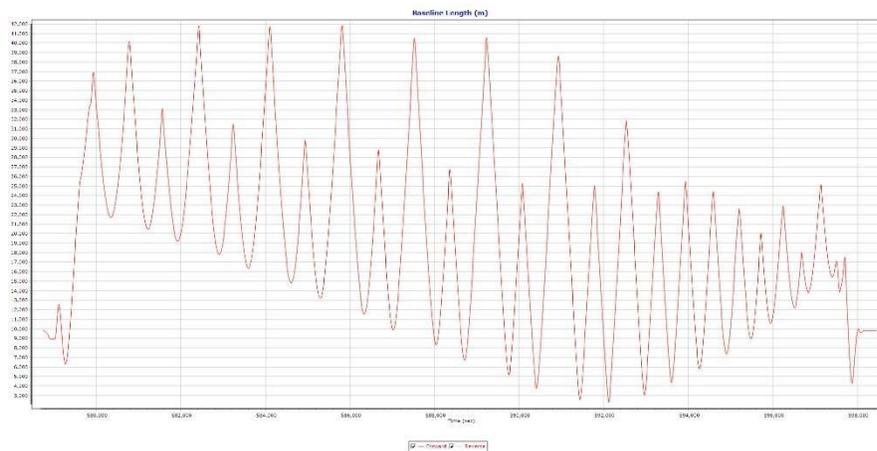
PDOP plot



Number of Satellites plot



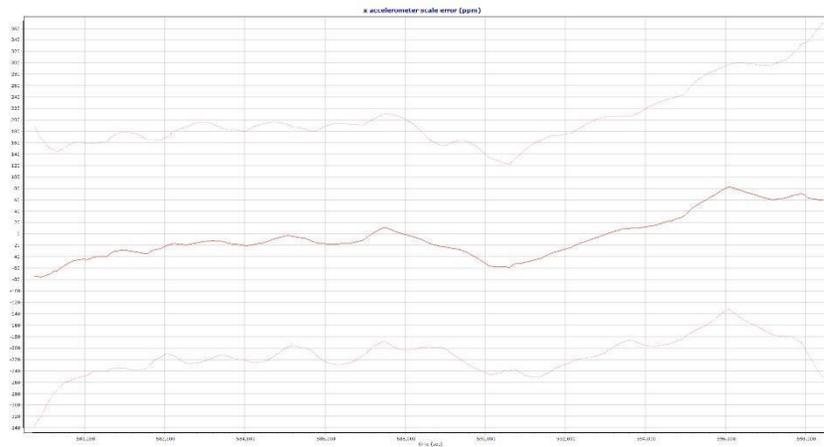
Baseline Length



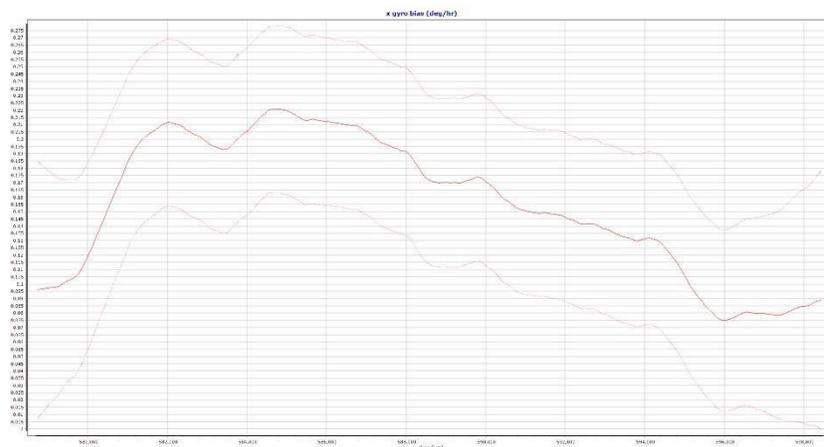
X accelerometer bias



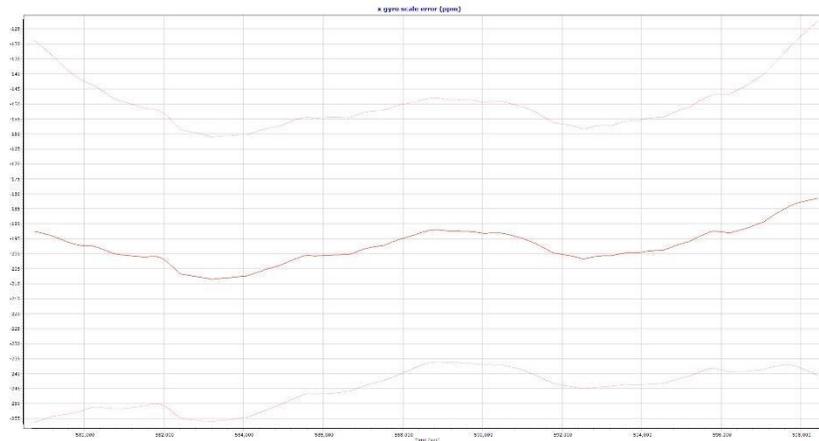
X accelerometer scale error



X gyro bias



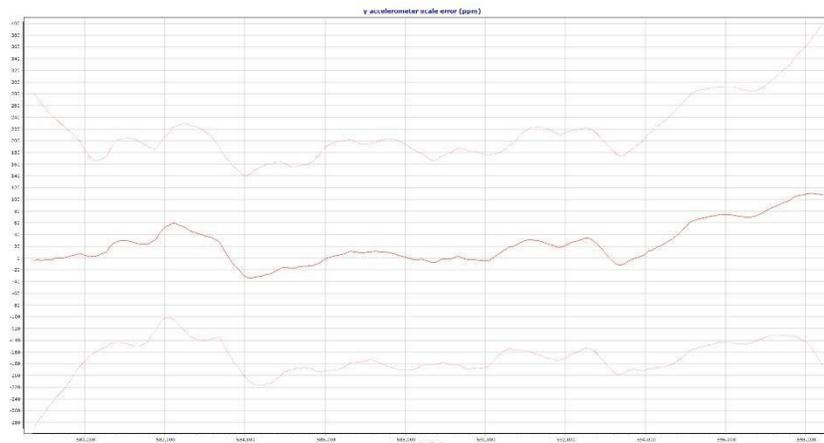
X gyro scale error



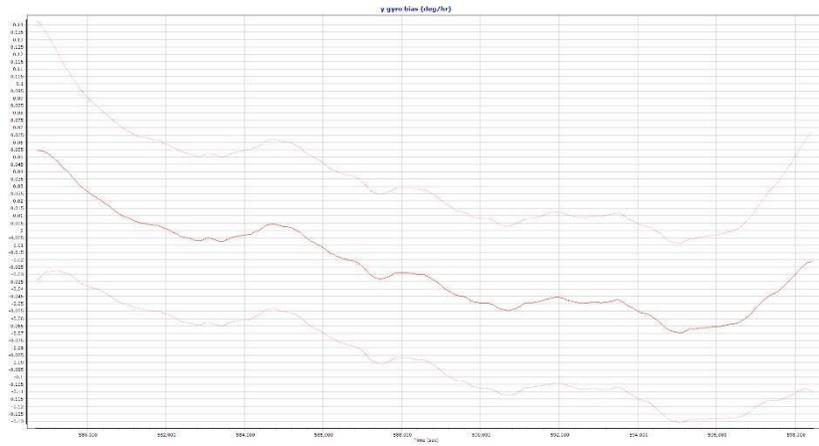
Y accelerometer bias



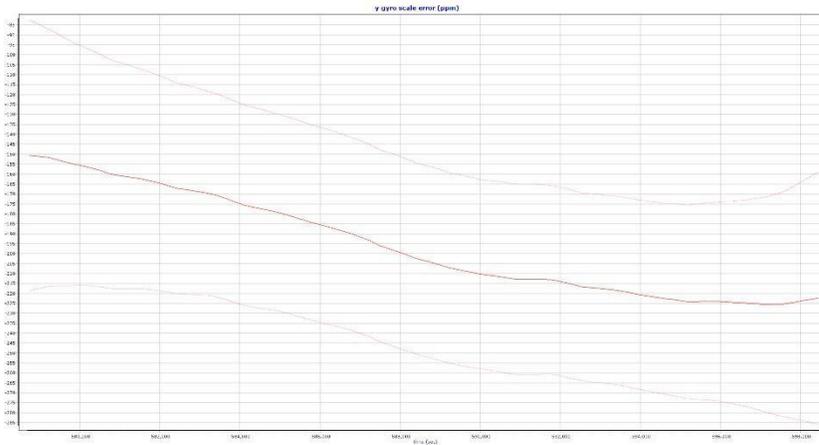
Y accelerometer scale error



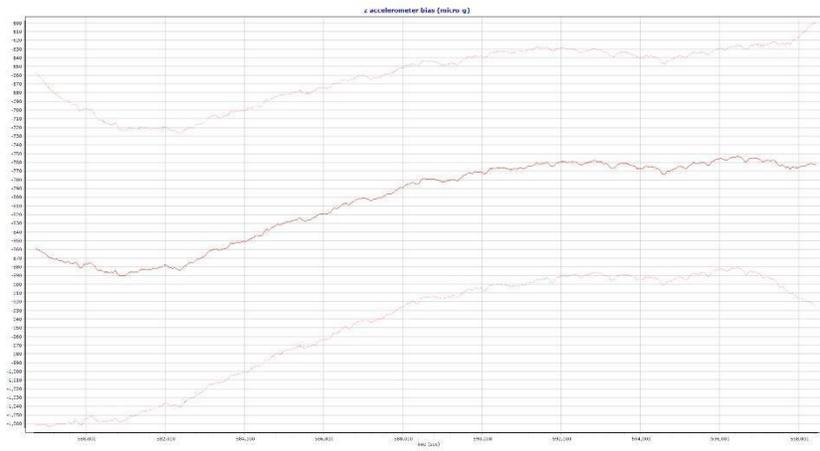
Y gyro bias



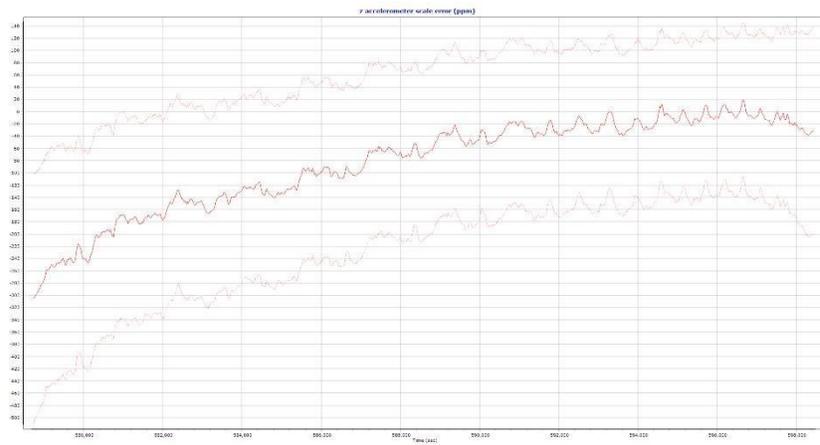
Y gyro scale error



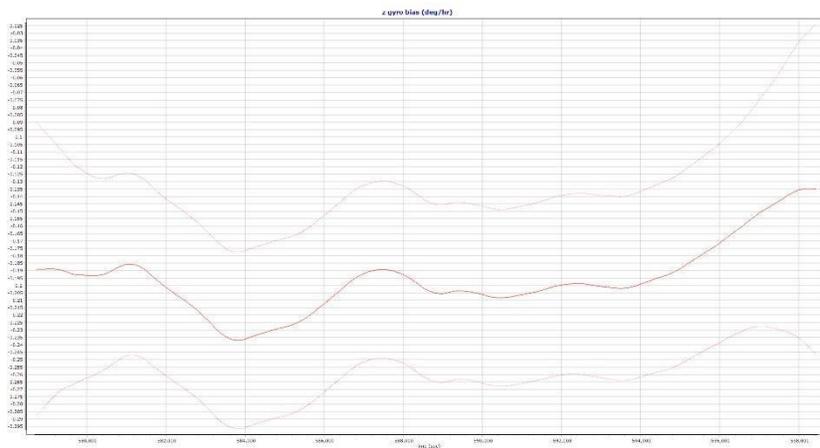
Z accelerometer bias



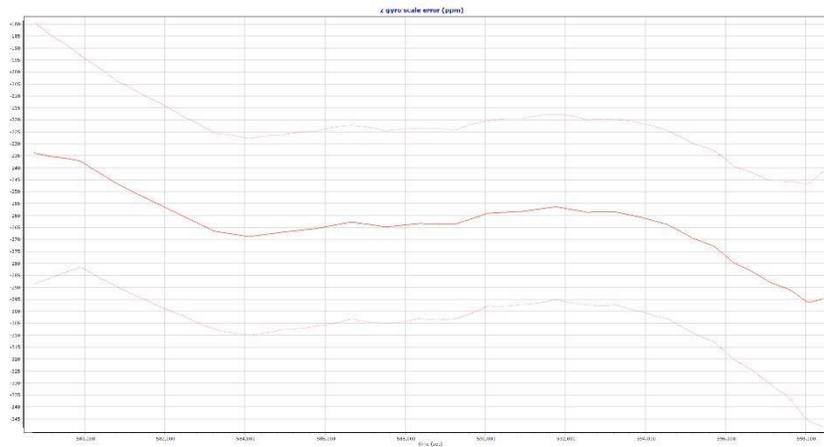
Z accelerometer scale error



Z gyro bias

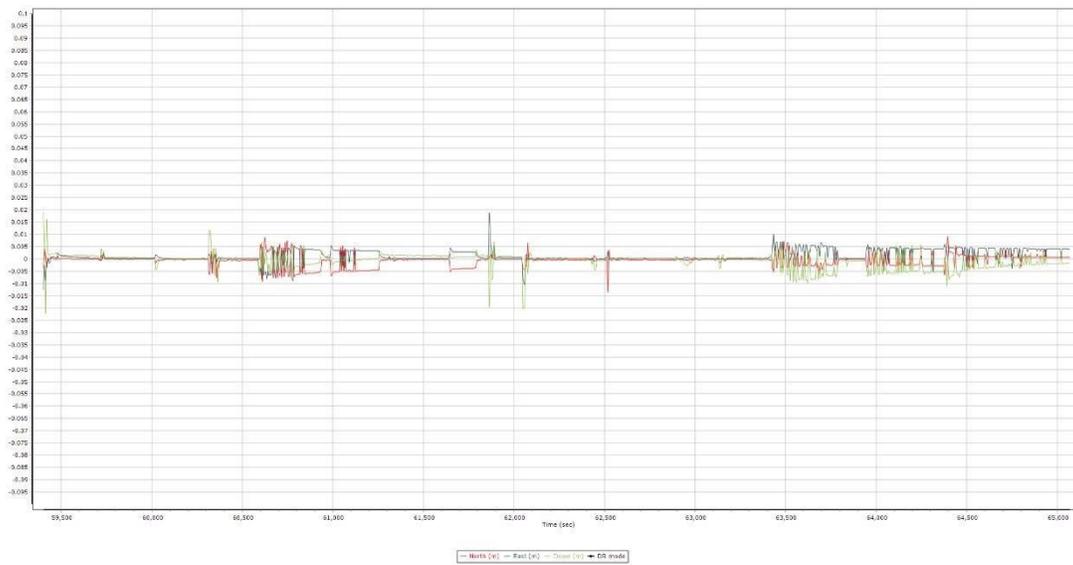


Z gyro scale error

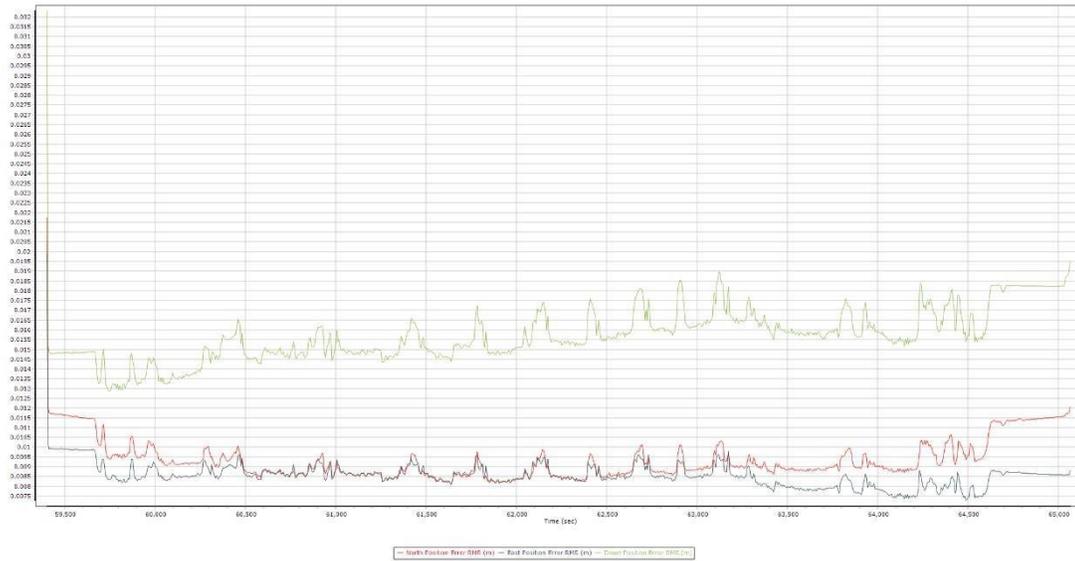


UPPER PIT MISSION 3

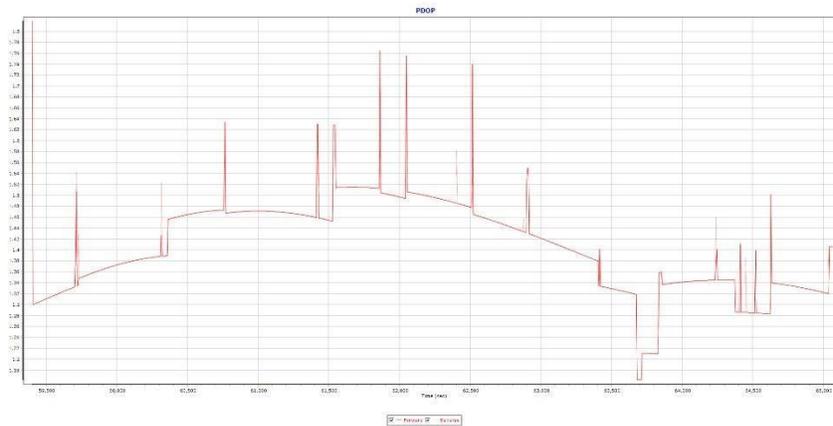
SBET IAKAR Separation plot



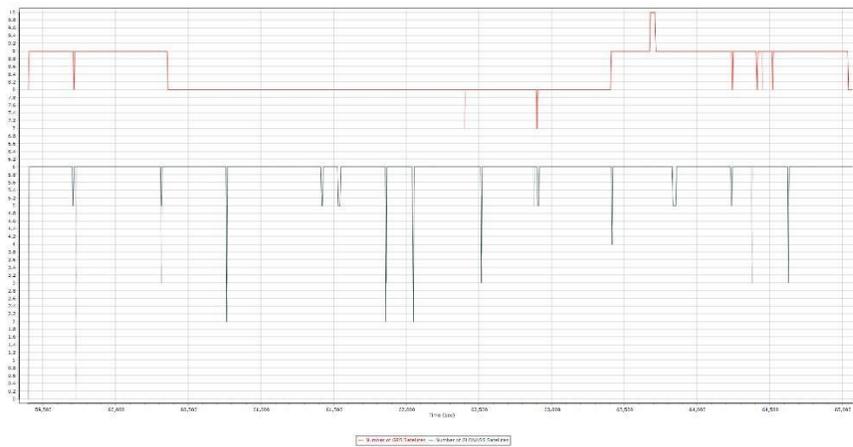
Smoothed Performance Metrics plot



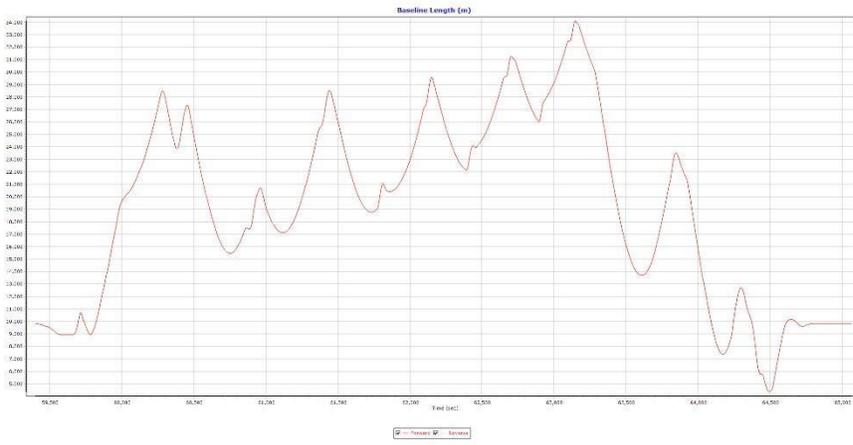
PDOP plot



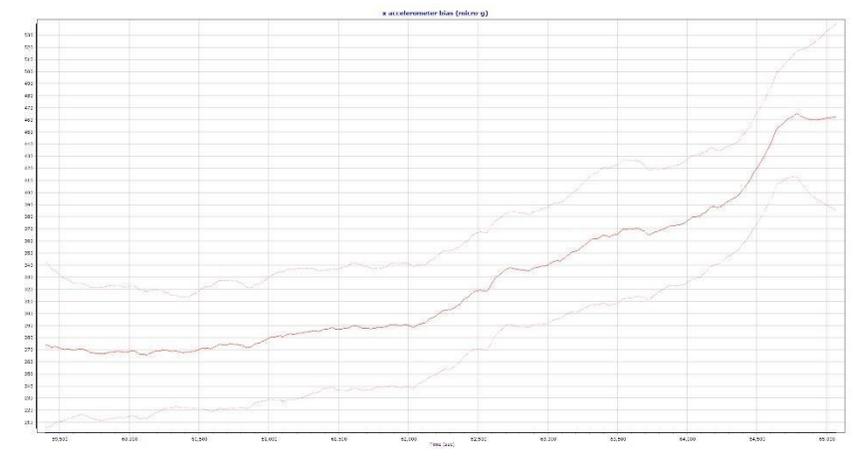
Number of Satellites plot

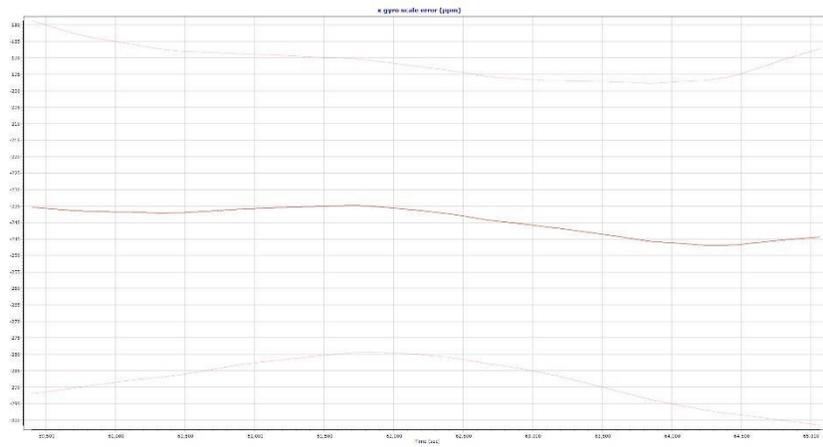


Baseline Length



X accelerometer bias

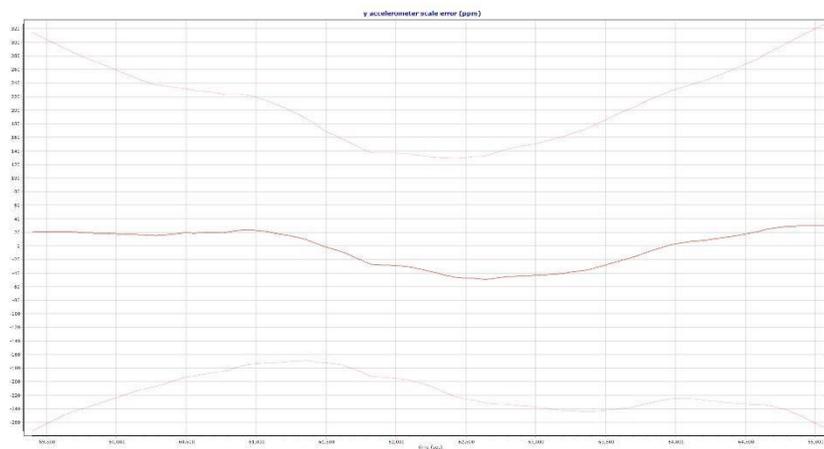




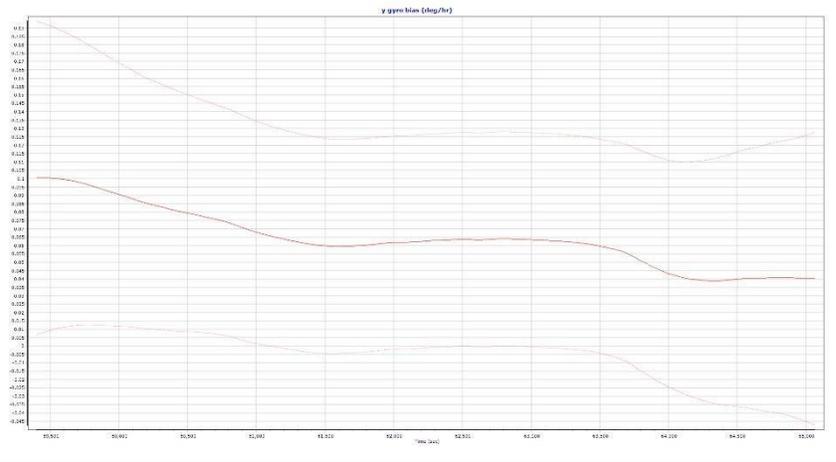
Y accelerometer bias



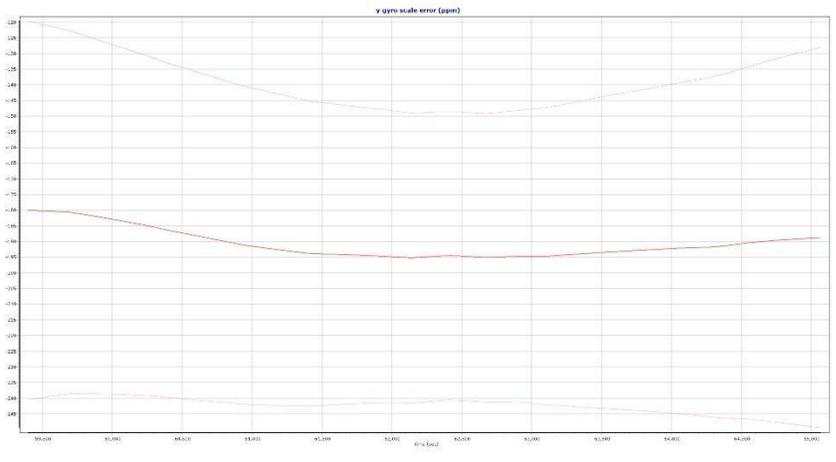
Y accelerometer scale error



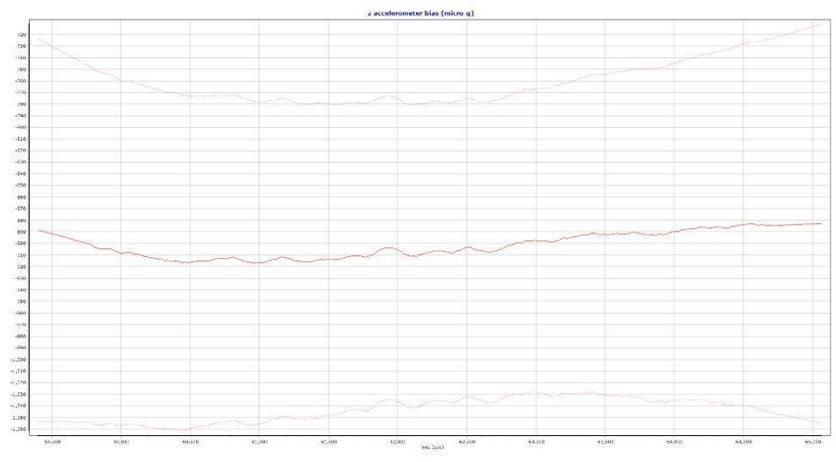
Y gyro bias



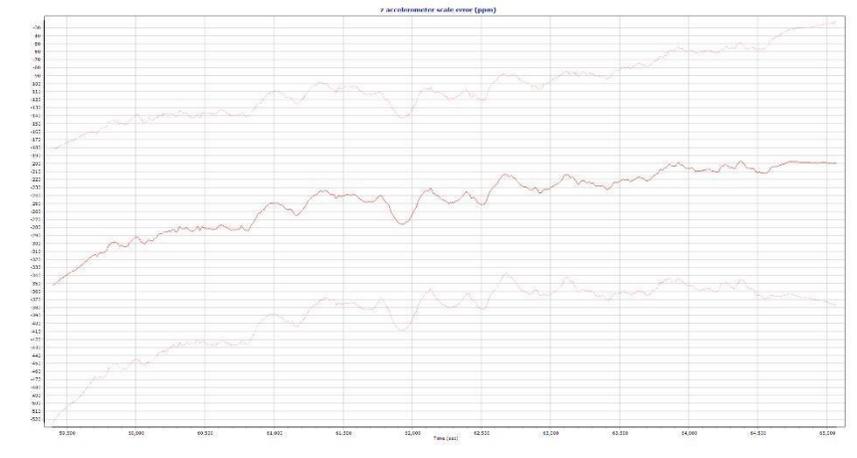
Y gyro scale error



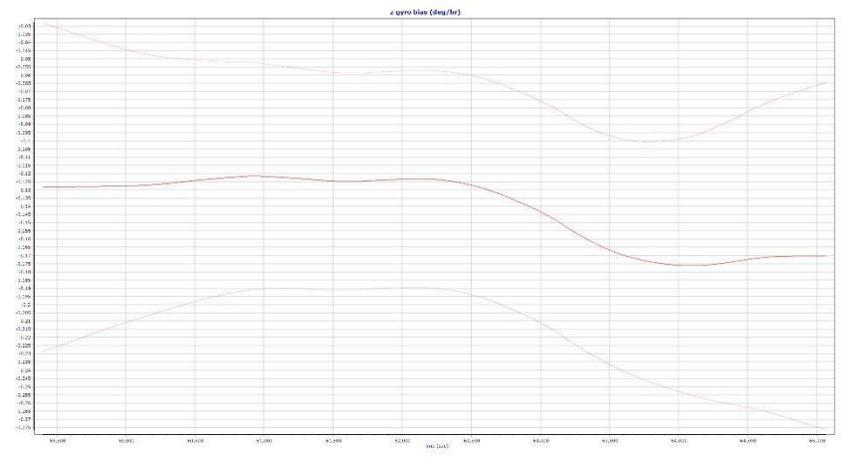
Z accelerometer bias



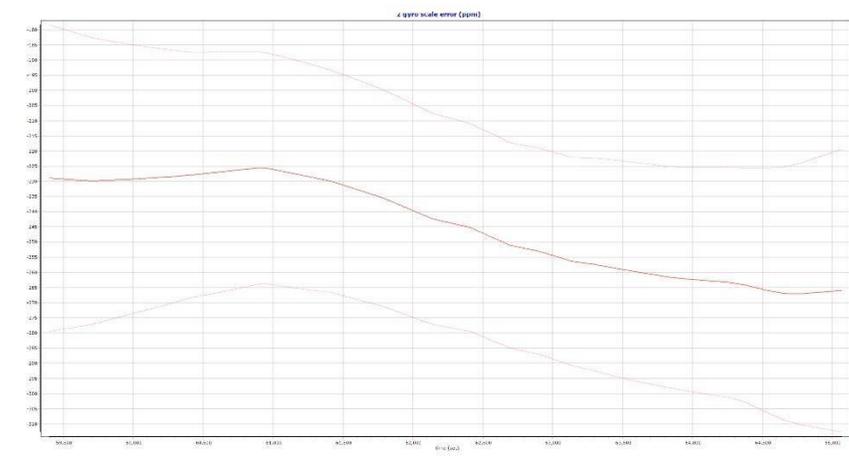
Z accelerometer scale error



Z gyro bias

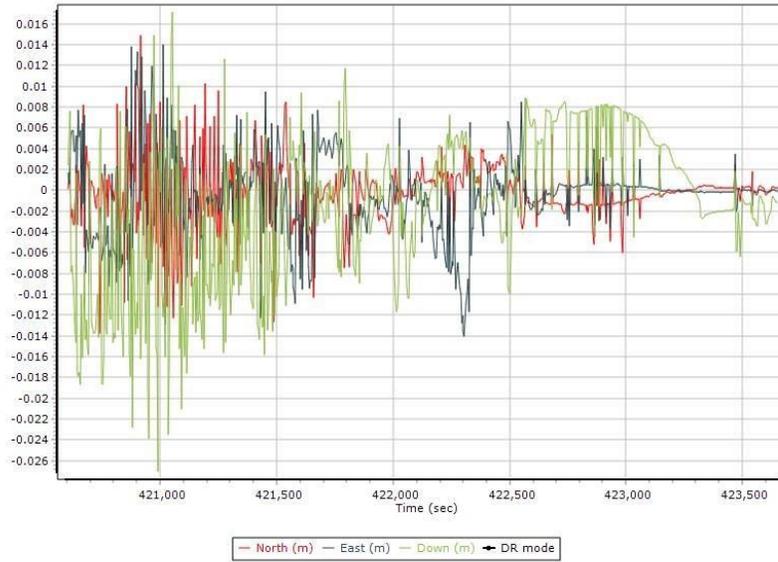


Z gyro scale error

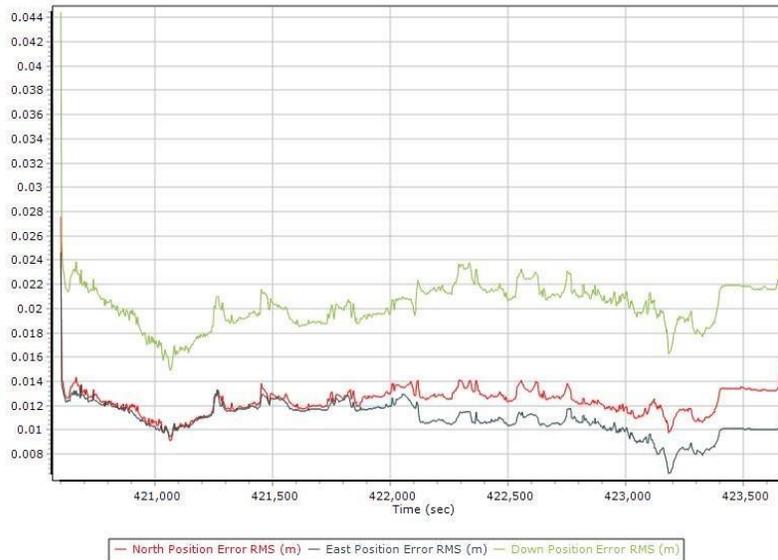


ALPINE

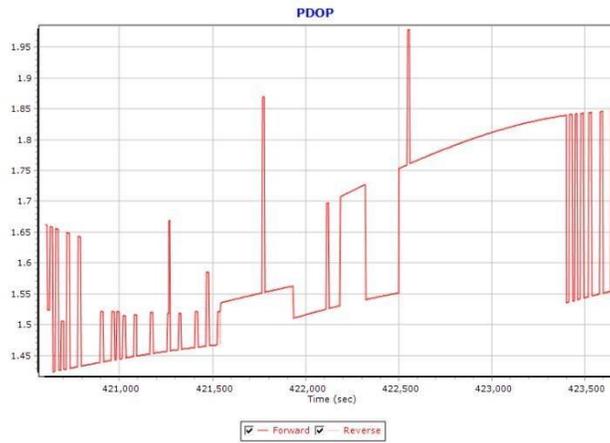
SBET IAKAR Separation plot



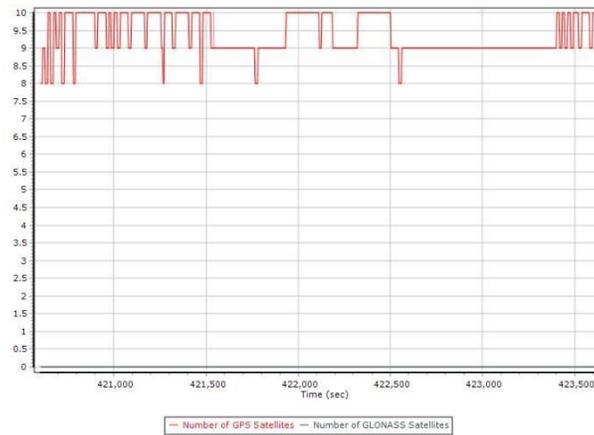
Smoothed Performance Metrics plot



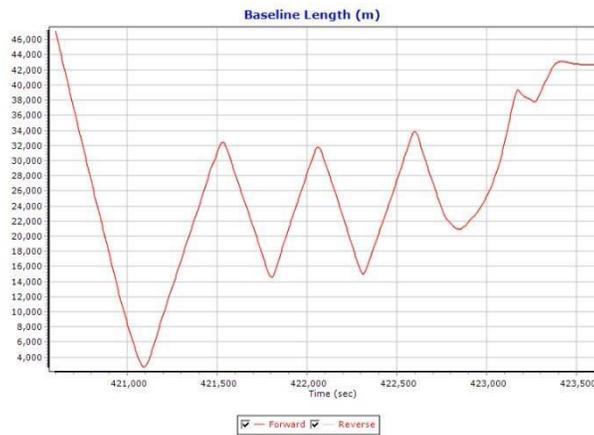
PDOP plot



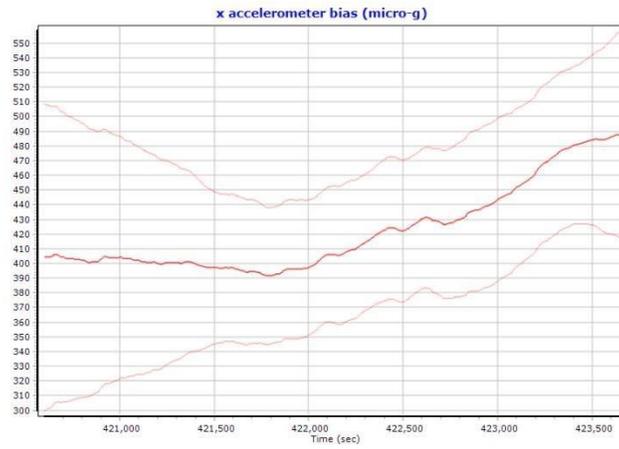
Number of Satellites plot



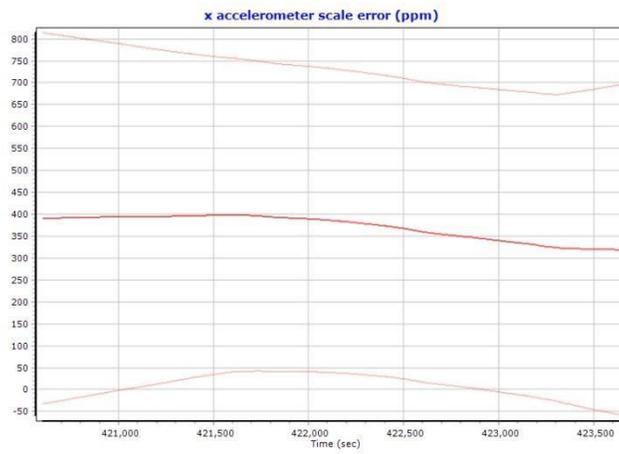
Baseline Length



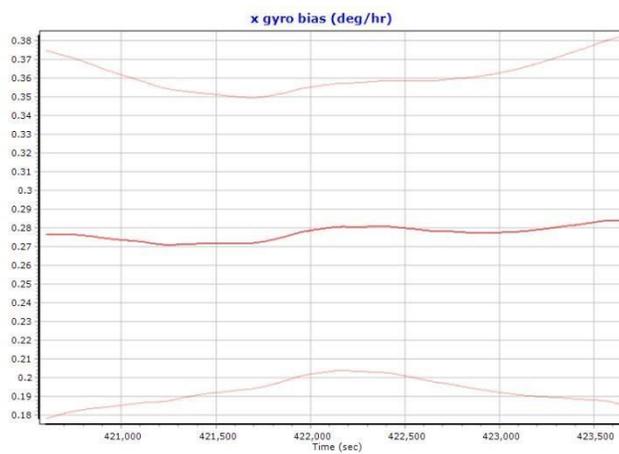
X accelerometer bias



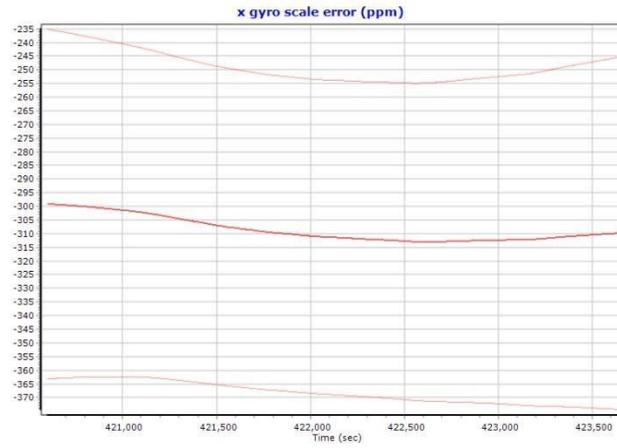
X accelerometer scale error



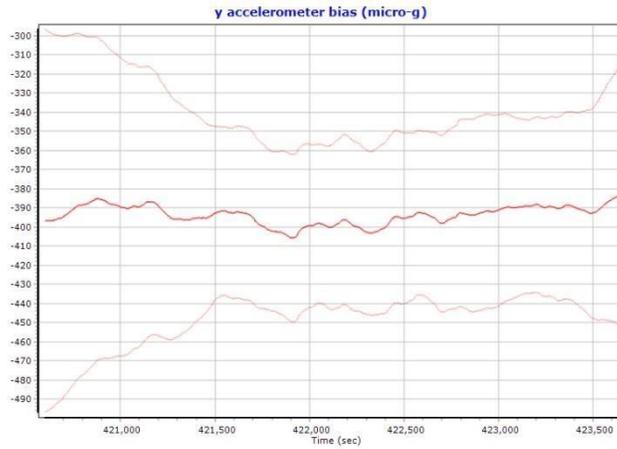
X gyro bias



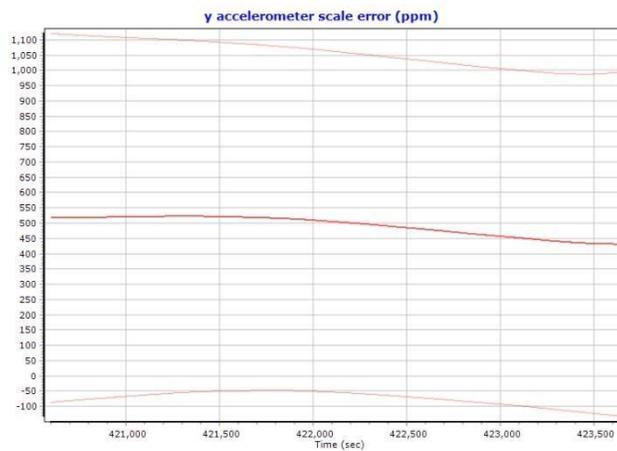
X gyro scale error



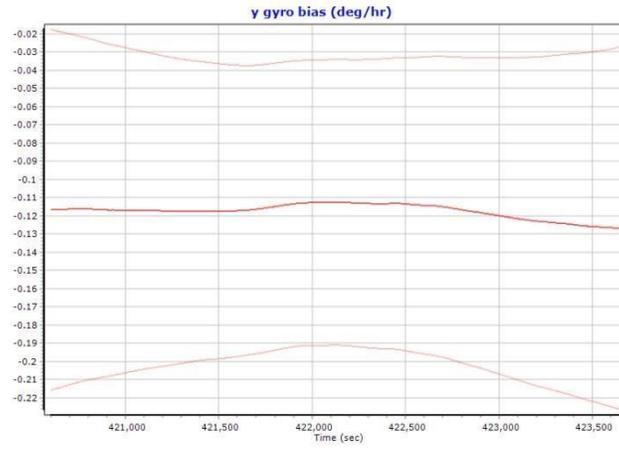
Y accelerometer bias



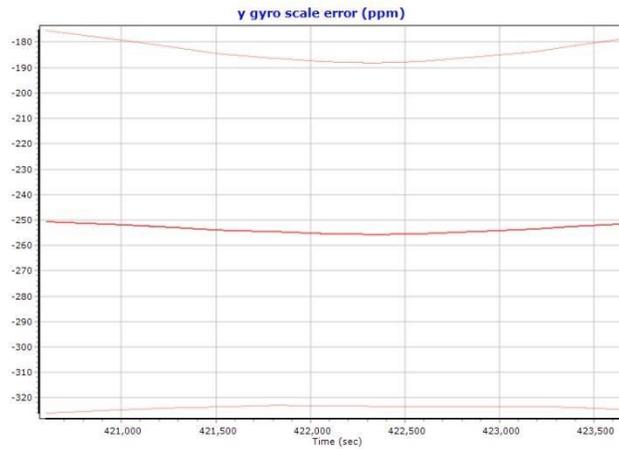
Y accelerometer scale error



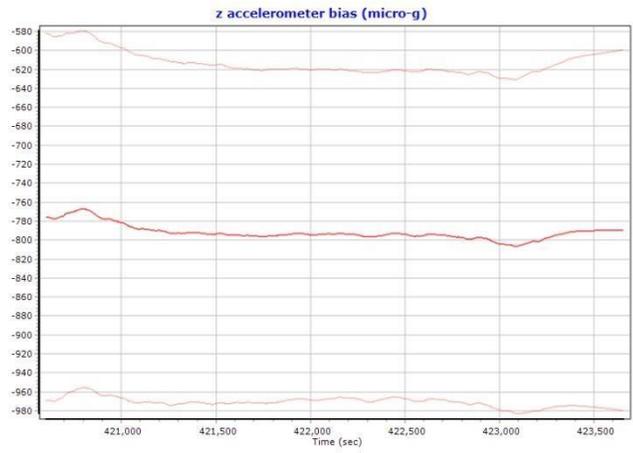
Y gyro bias



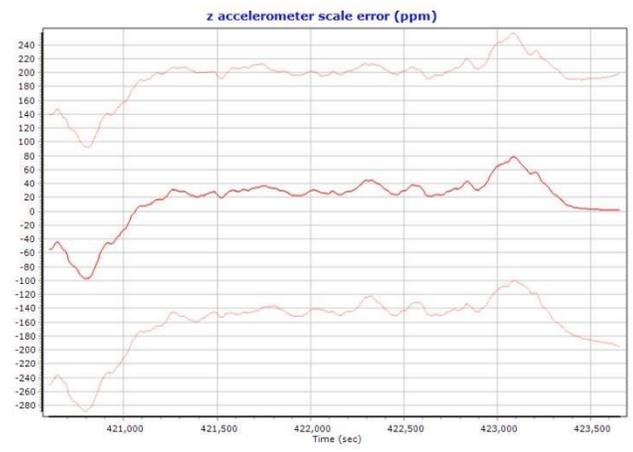
Y gyro scale error



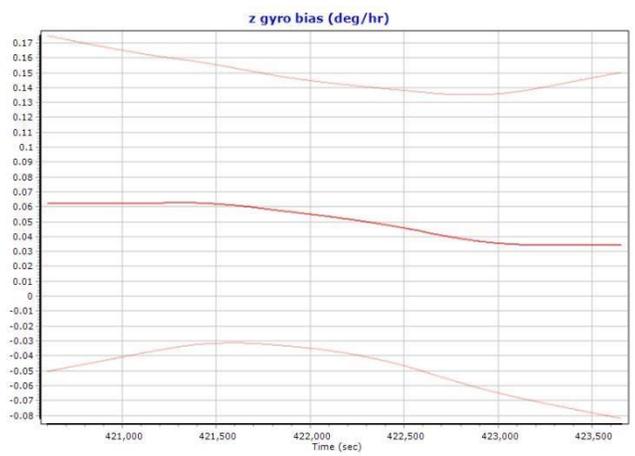
Z accelerometer bias



Z accelerometer scale error



Z gyro bias



Z gyro scale error

