

Output Results for GW_QC_01-01-19A_8146

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

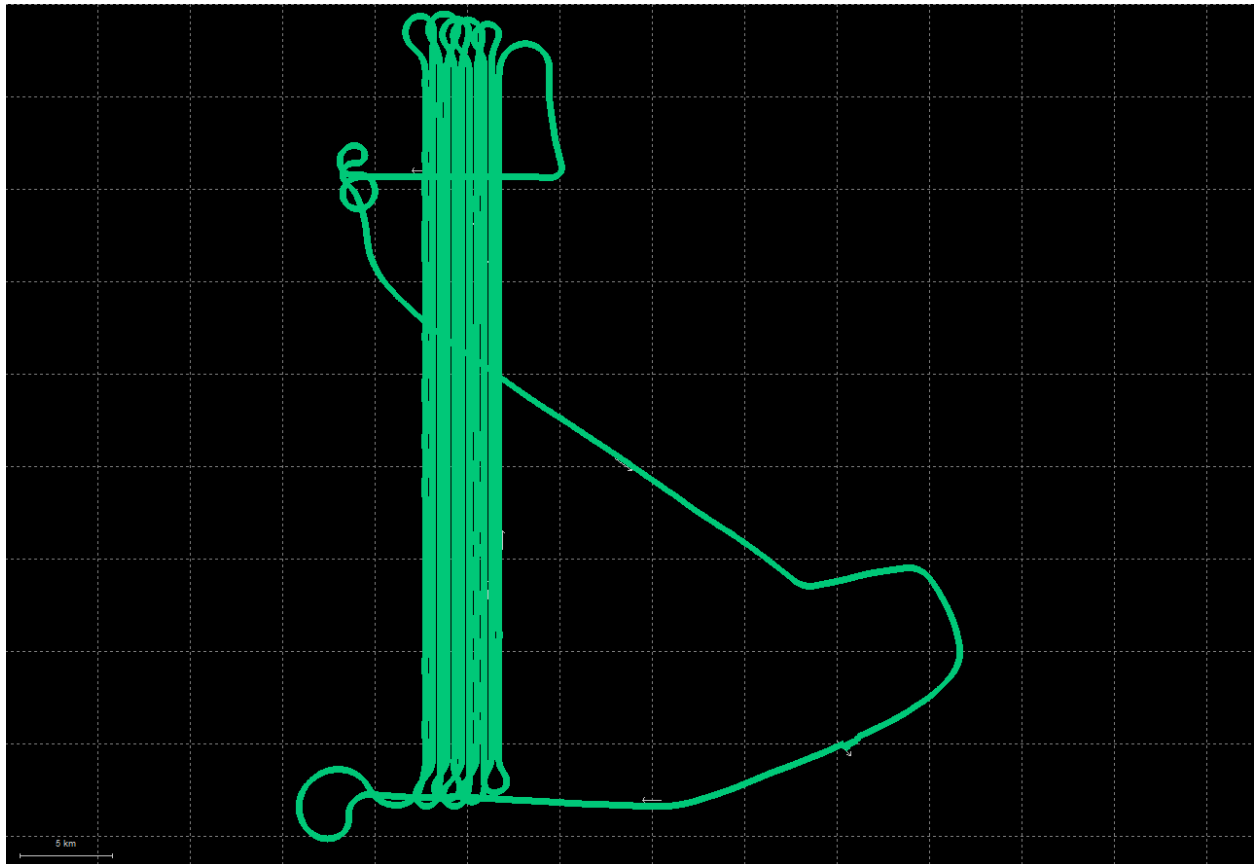


Figure 2: GW_QC_01-01-19A_8146 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

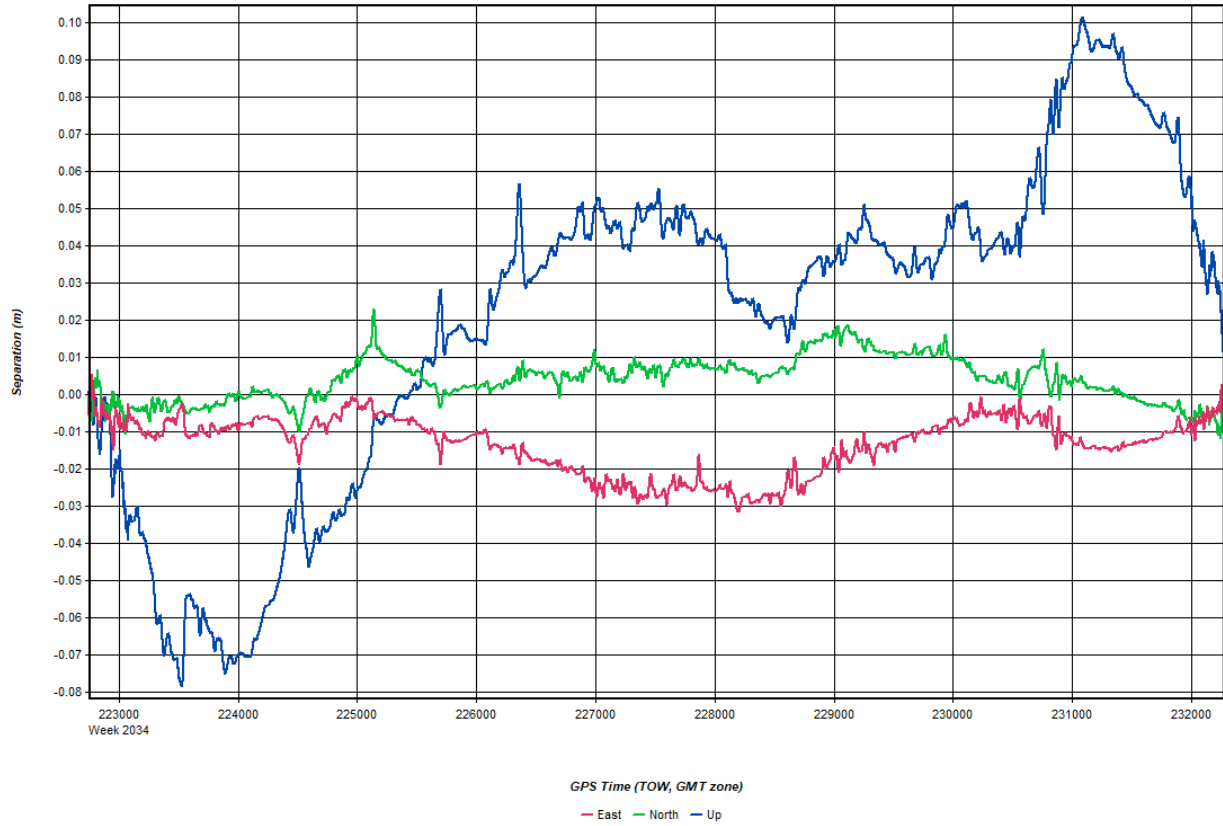


Figure 3: GW_QC_01-01-19A_8146 [Smoothed TC Combined] - PDOP Plot

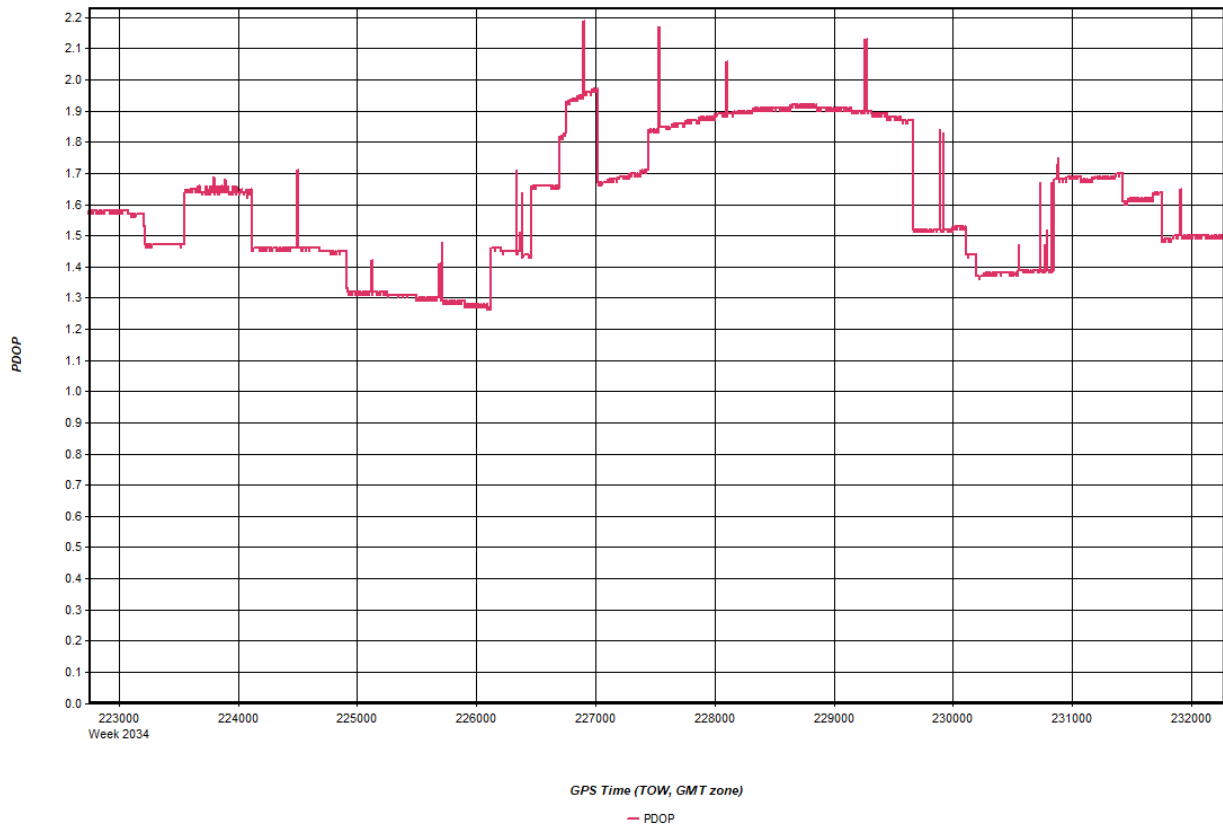
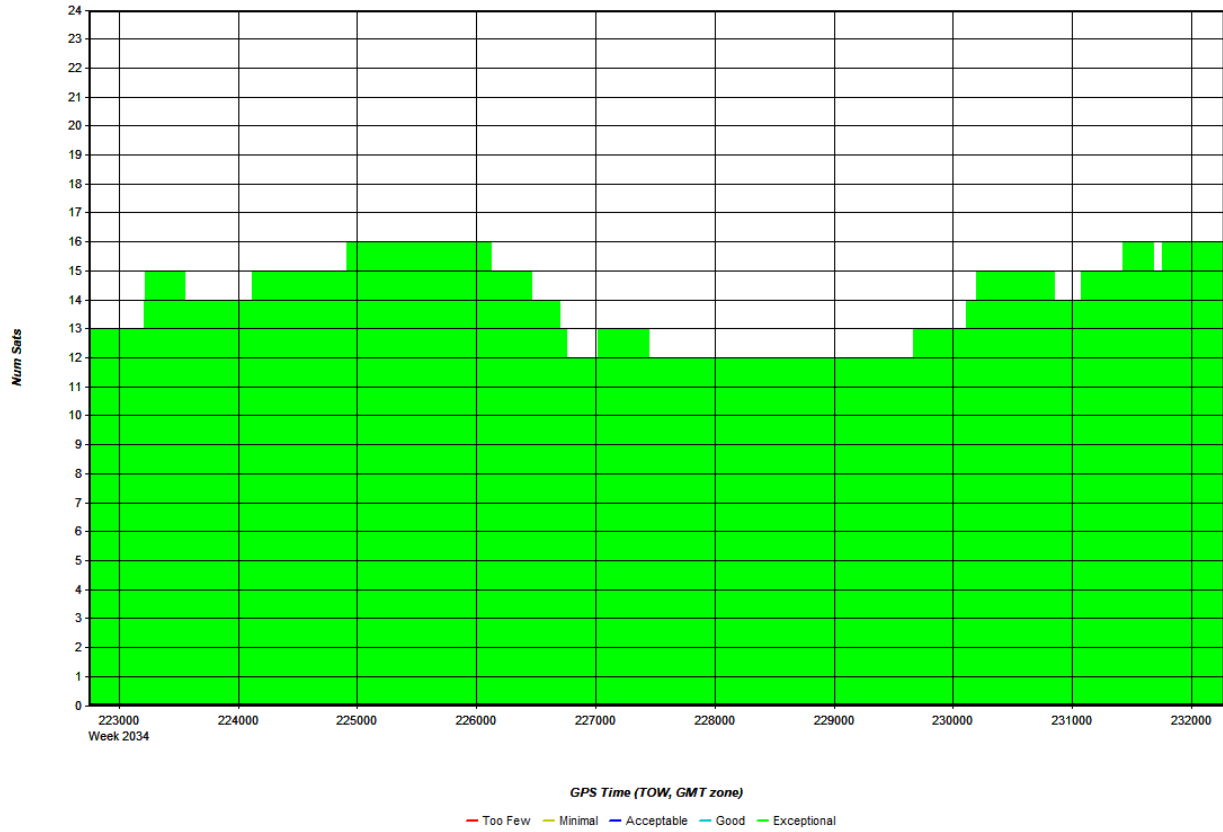


Figure 4: GW_QC_01-01-19A_8146 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Lie_Nielson_Recvd_1-3-19\20190101_33747_FL_QL1_ALS80_SN8146\20190101_135024\GW_QC_01-01-19A_8146.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 19080
No processed position: 7
Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0155 (m)
C/A Code: 0.62 (m)
L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.015 (m)
North: 0.007 (m)
Height: 0.048 (m)

Quality Number Percentages:

Q 1: 0.0 %
Q 2: 100.0 %
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: 45.407 (km)
Minimum: 0.002 (km)
Average: 24.766 (km)
First Epoch: 0.004 (km)
Last Epoch: 0.002 (km)

Figure 5: GW_QC_01-01-19A_8146 [Smoothed TC Combined] - Accelerometer Bias Plot

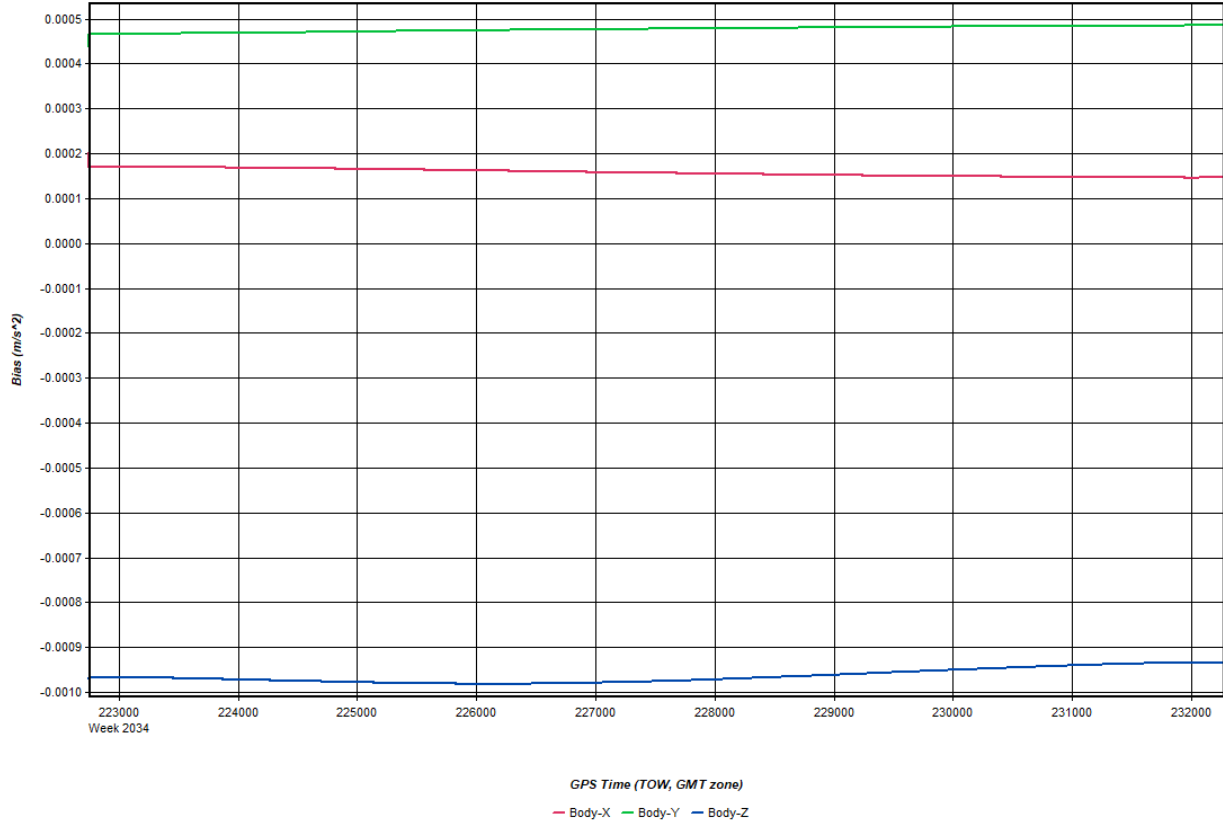
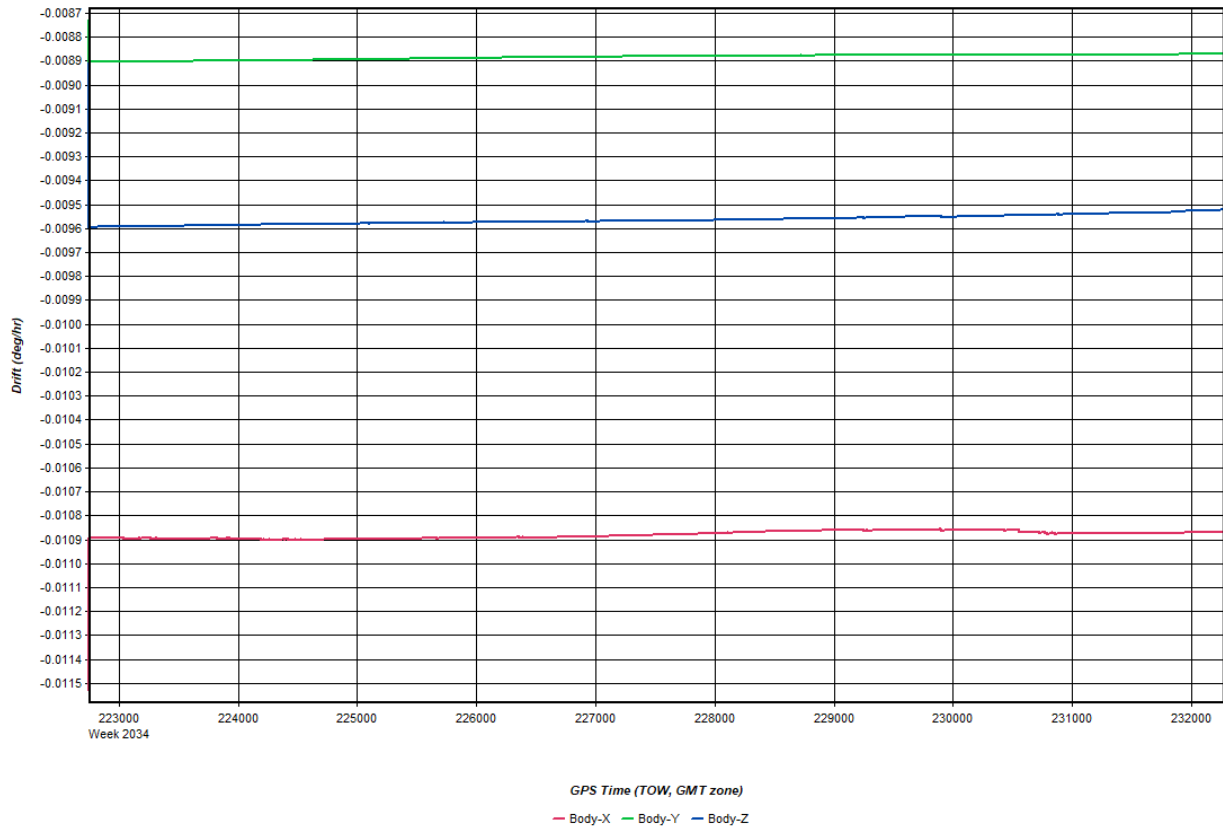


Figure 6: GW_QC_01-01-19A_8146 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-1-19A_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

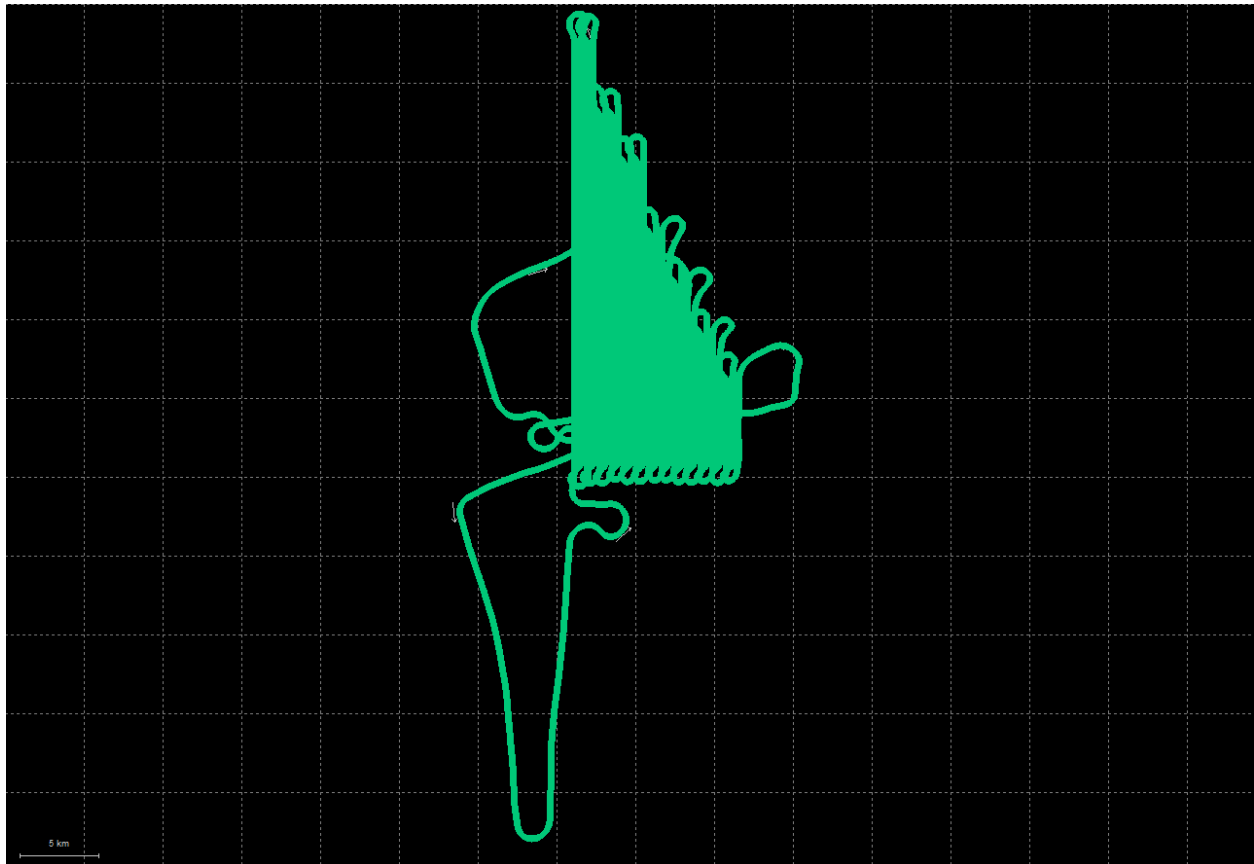


Figure 2: GW_QC_1-1-19A_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

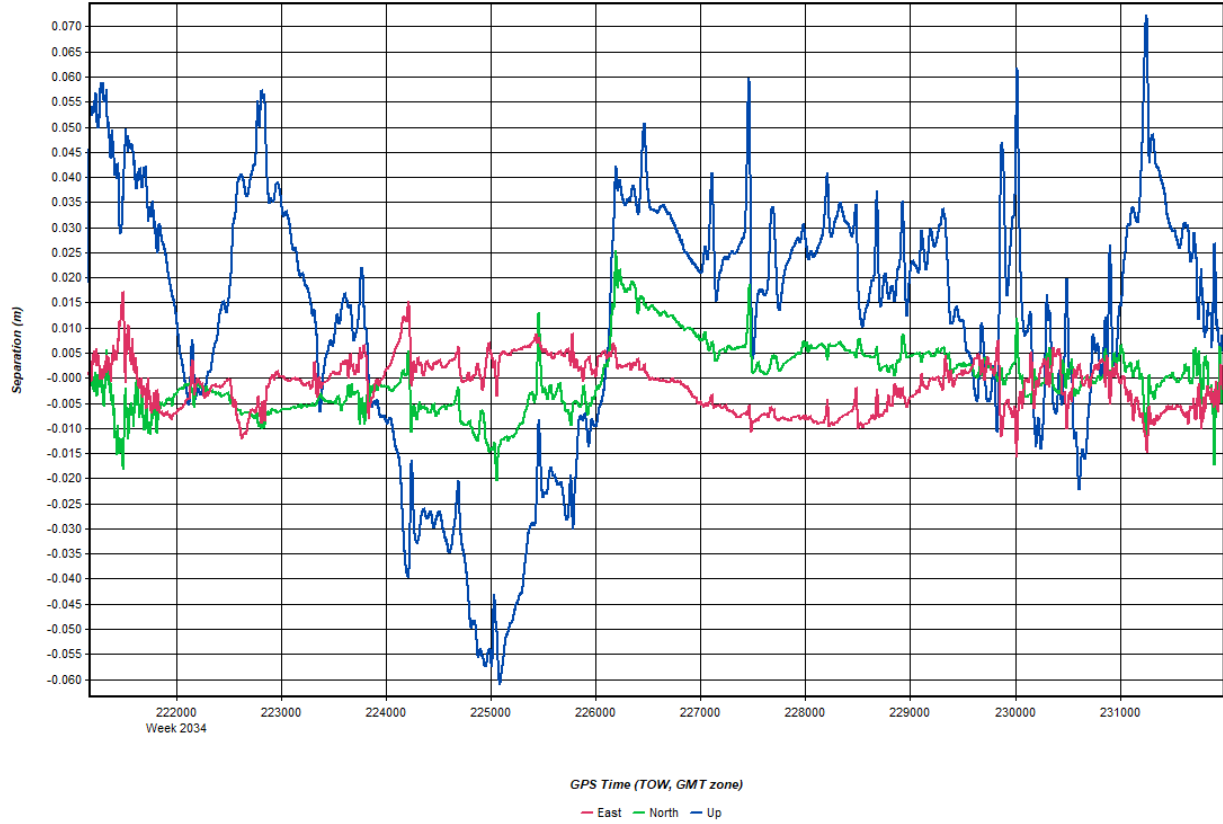
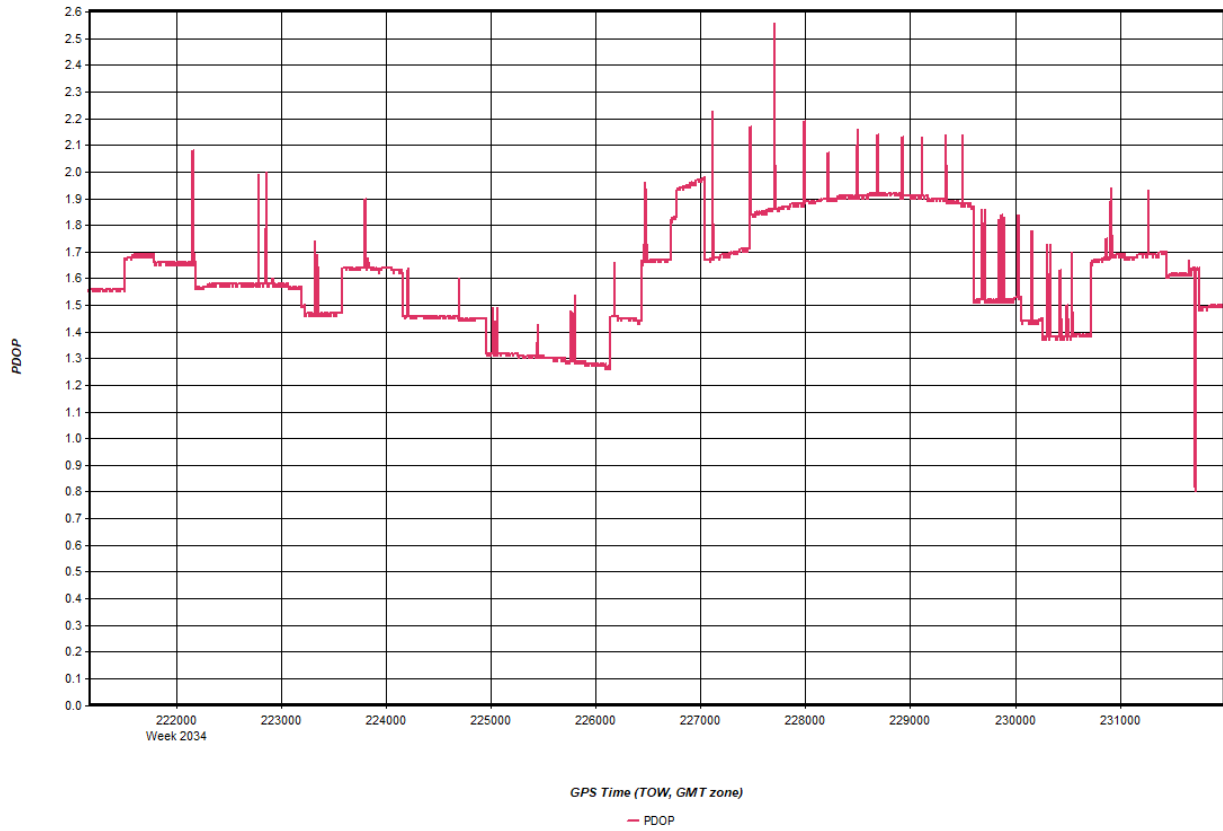


Figure 3: GW_QC_1-1-19A_8239 [Smoothed TC Combined] - PDOP Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Steve_Krohn_Recvd_1-3-19\QL1_FL_LIDAR_33747\20190101_132238\GW_QC_1-1-19A_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 21687

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0152 (m)

C/A Code: 1.23 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.005 (m)

North: 0.007 (m)

Height: 0.028 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 27.519 (km)

Minimum: 0.002 (km)

Average: 9.083 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_1-1-19A_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

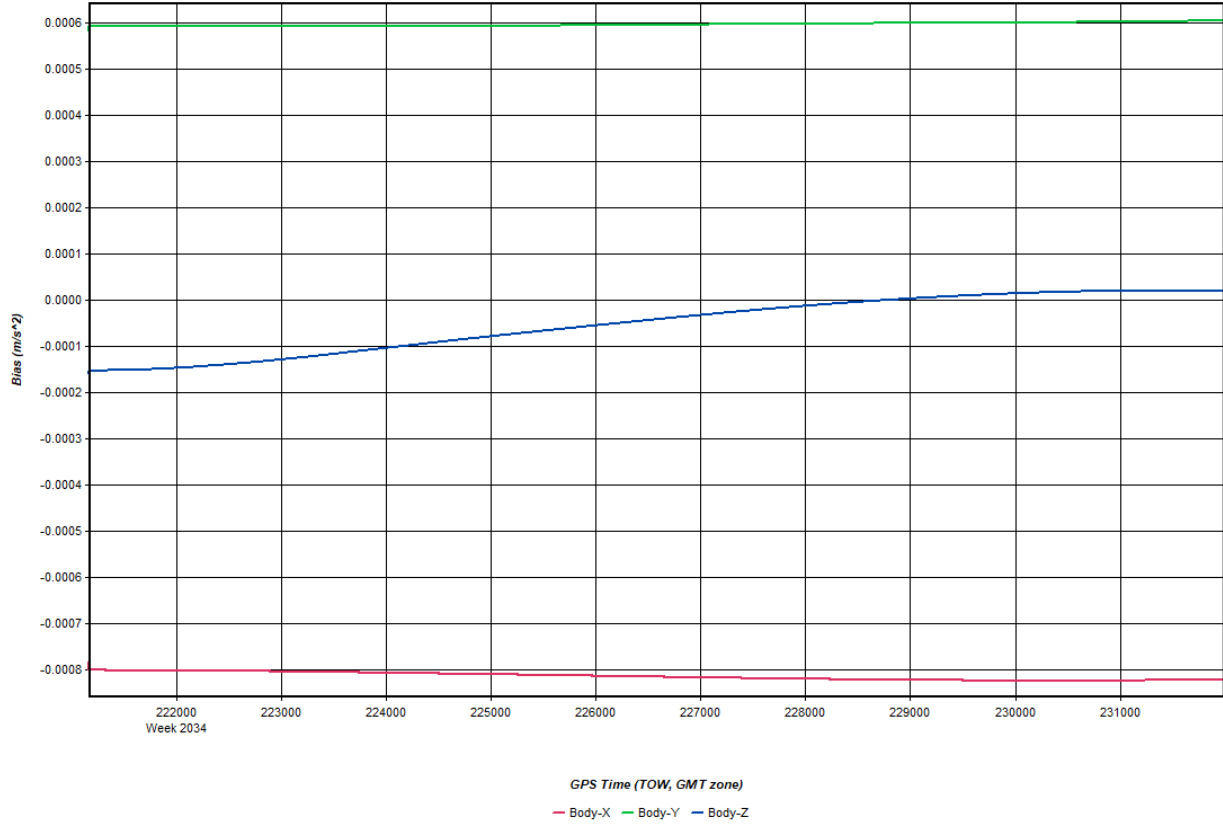
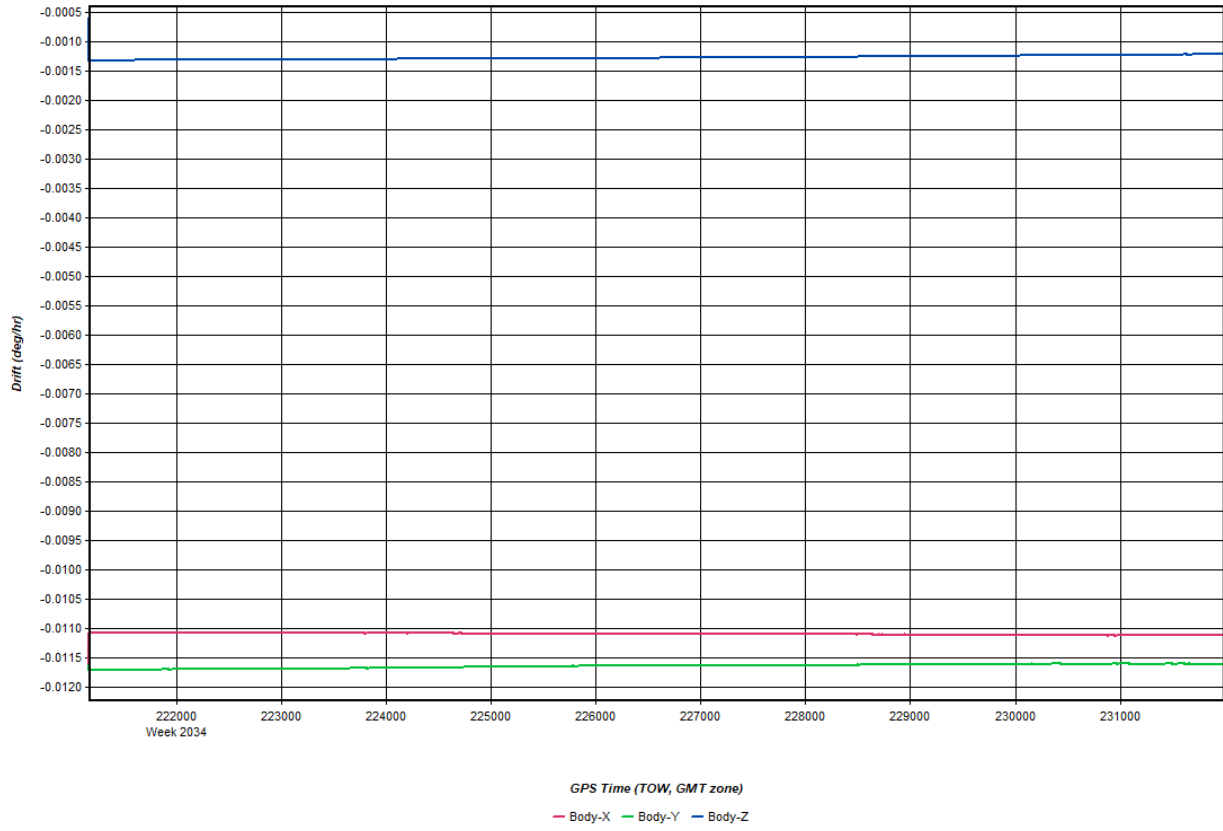


Figure 6: GW_QC_1-1-19A_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_01-01-19B_8146

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

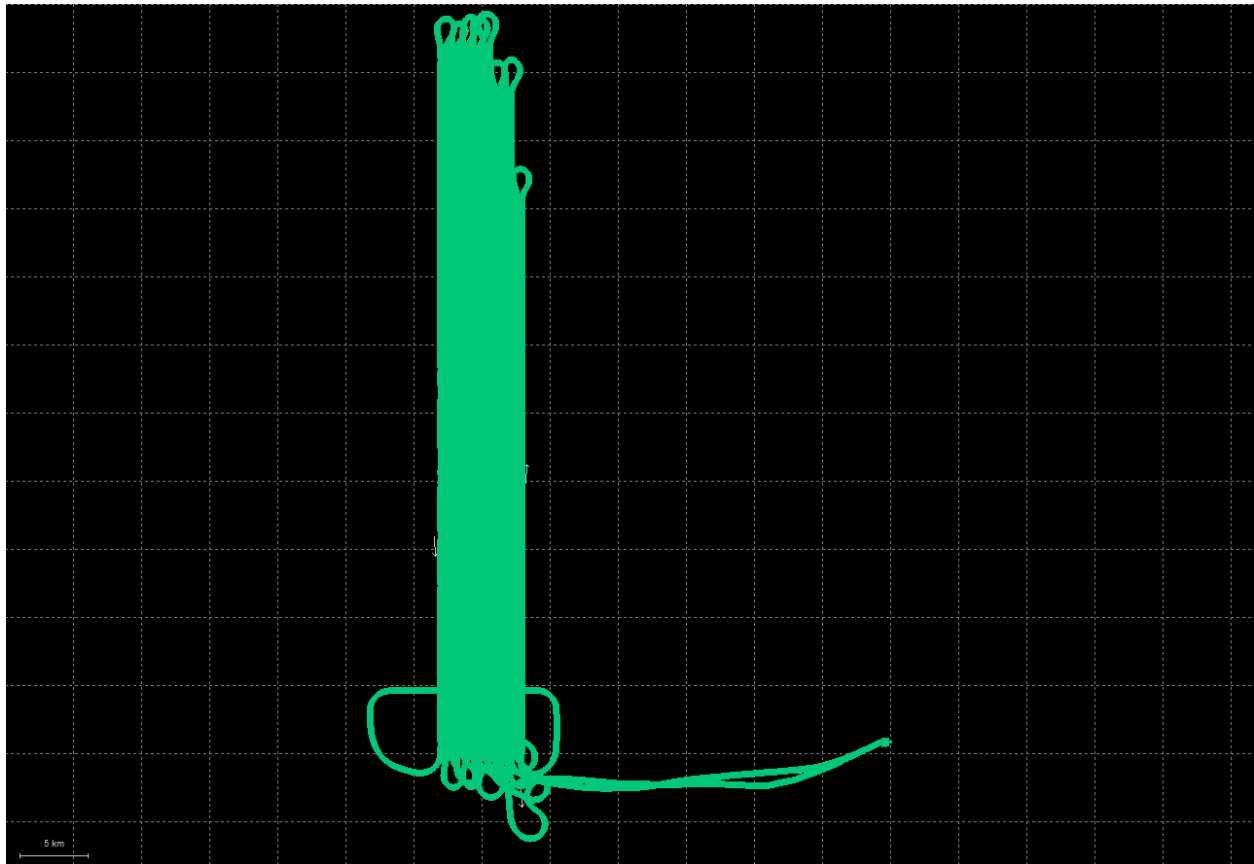


Figure 2: GW_QC_01-01-19B_8146 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

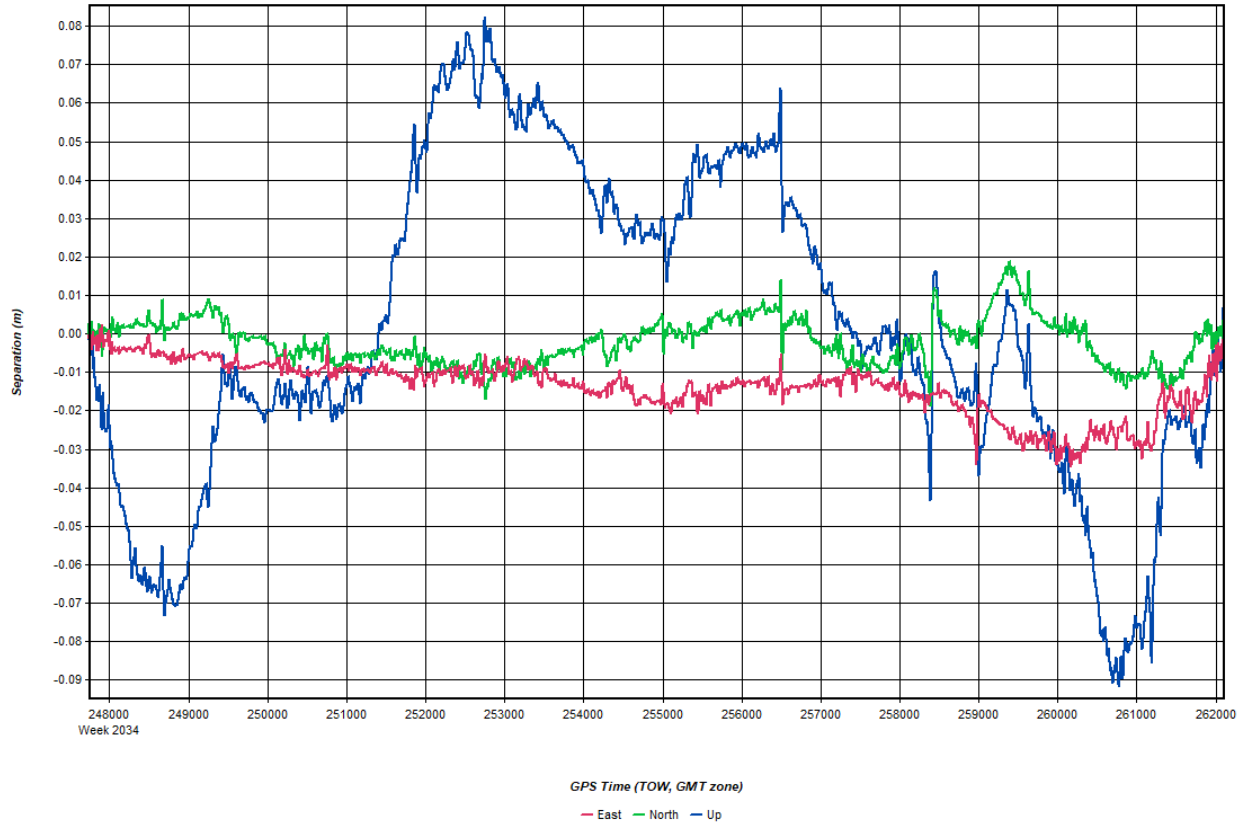


Figure 3: GW_QC_01-01-19B_8146 [Smoothed TC Combined] - PDOP Plot

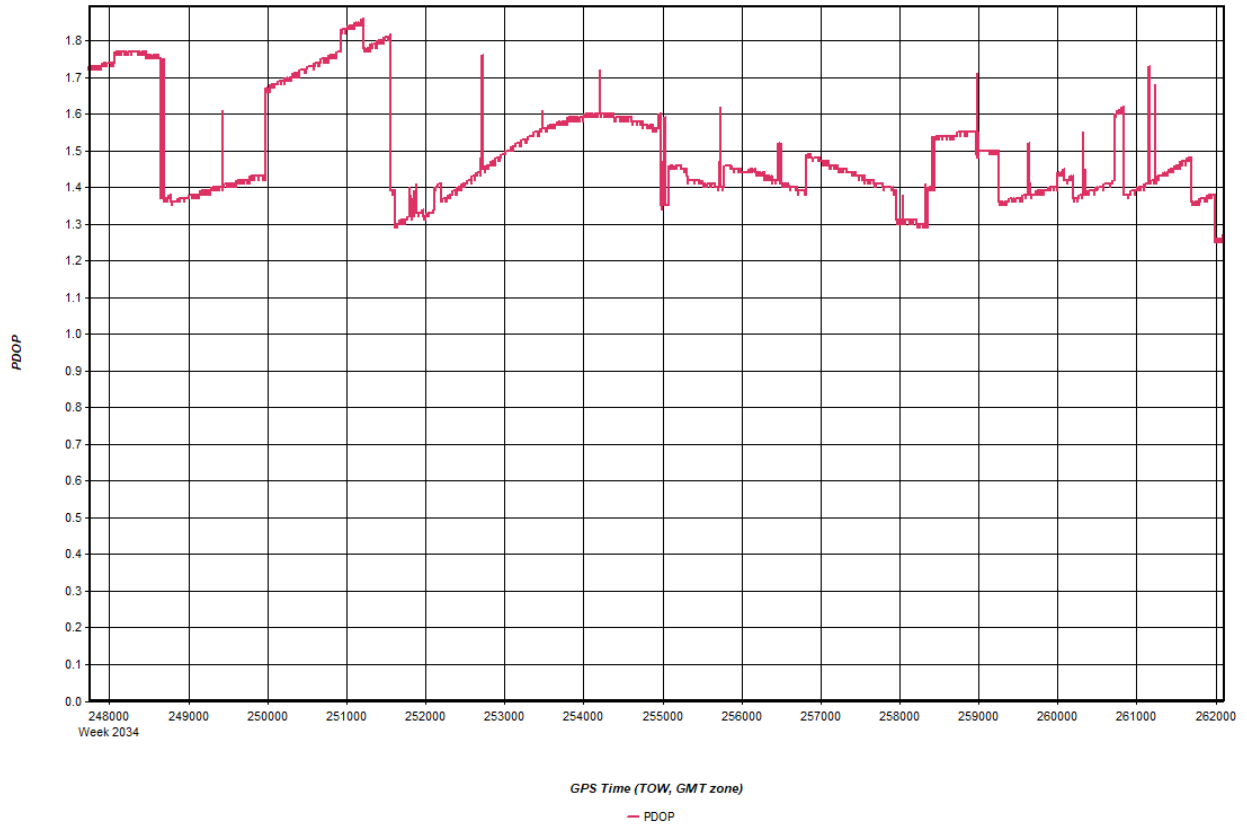
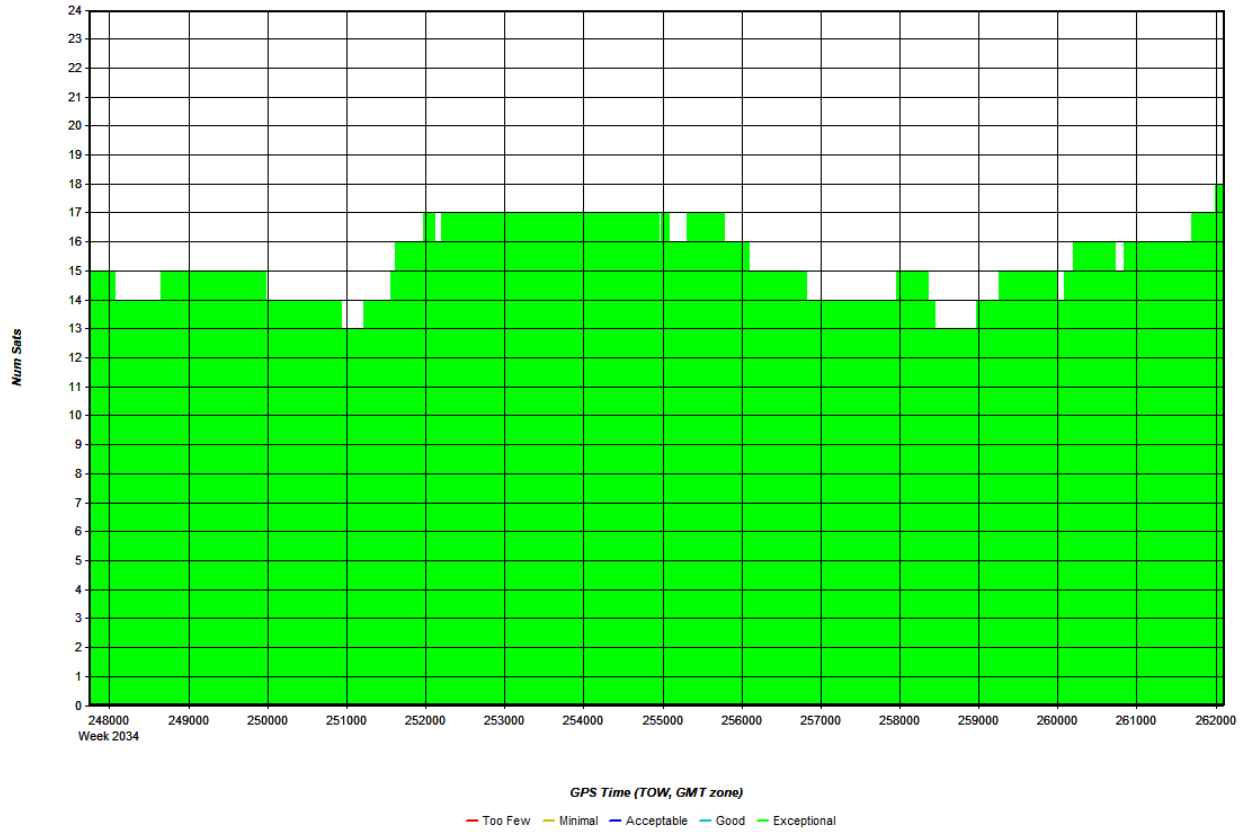


Figure 4: GW_QC_01-01-19B_8146 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Lie_Nielson_Recvd_1-3-19\20190101_33747_FL_QL1_ALS80_SN8146\20190101_204732\GW_QC_01-01-19B_8146.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 28774

No processed position: 7

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0173 (m)

C/A Code: 0.57 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.016 (m)

North: 0.006 (m)

Height: 0.041 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 61.401 (km)

Minimum: 0.002 (km)

Average: 35.486 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_01-01-19B_8146 [Smoothed TC Combined] - Accelerometer Bias Plot

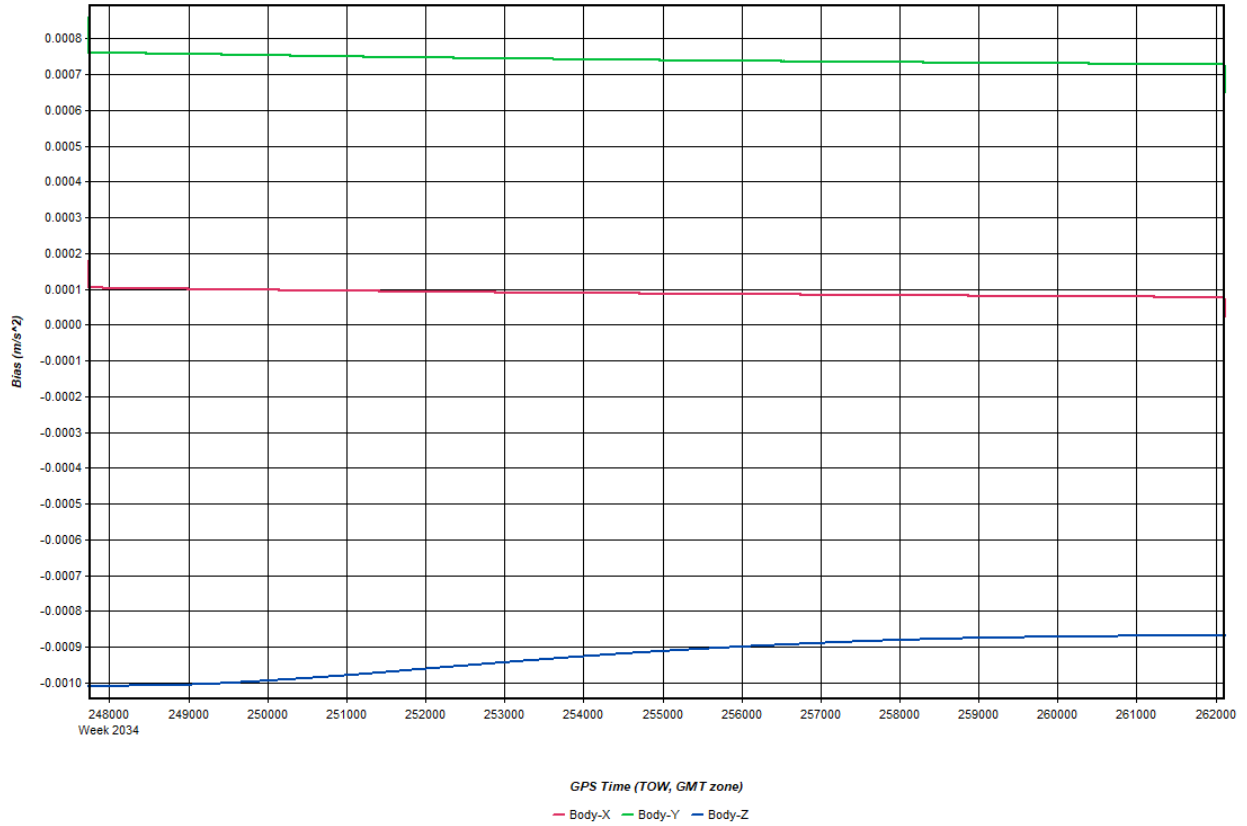
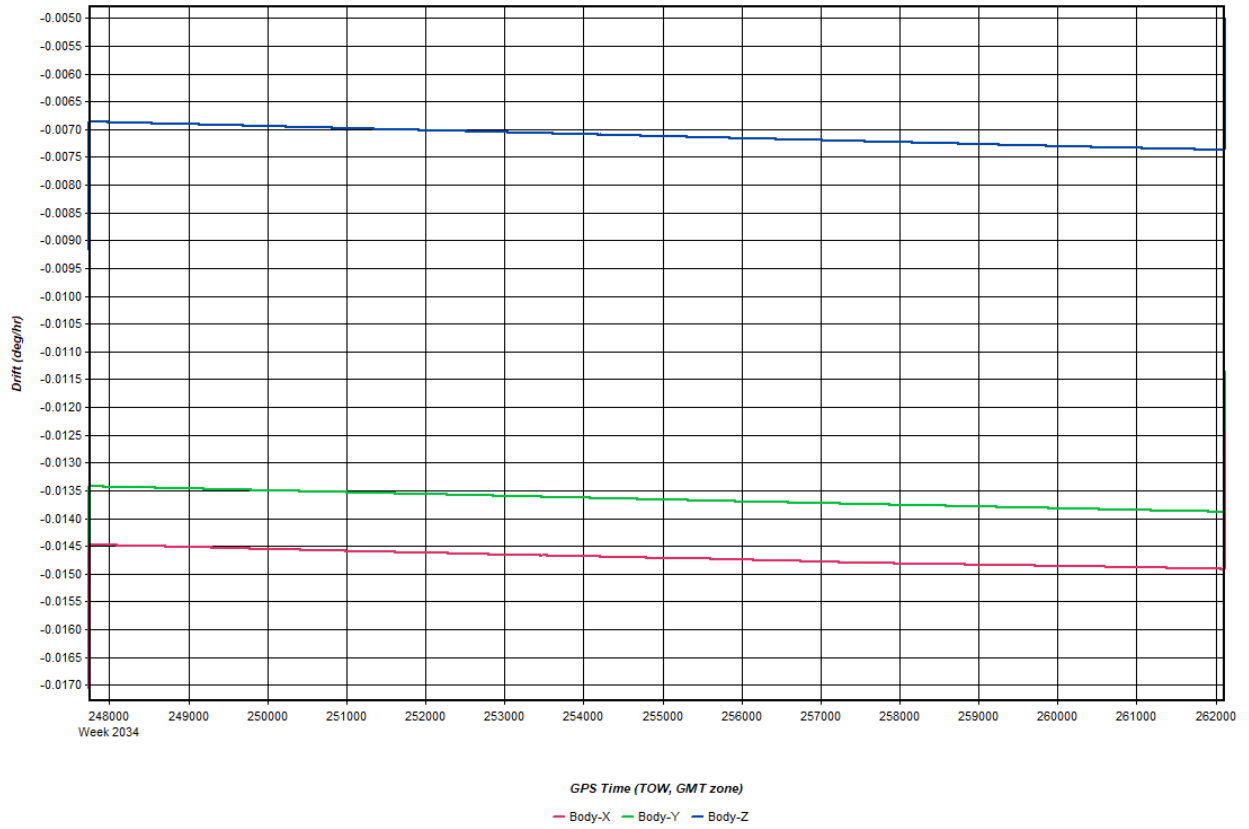


Figure 6: GW_QC_01-01-19B_8146 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_1-1-19B_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

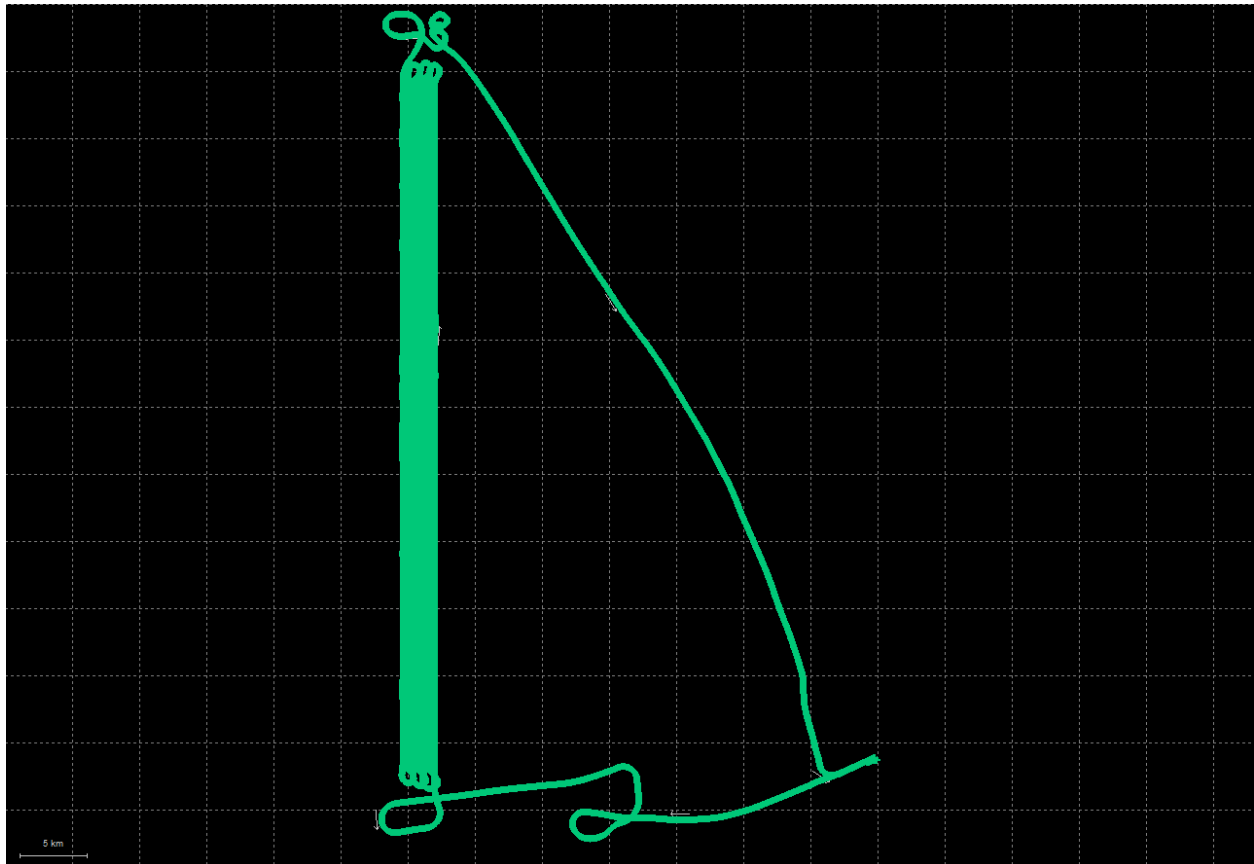


Figure 2: GW_1-1-19B_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

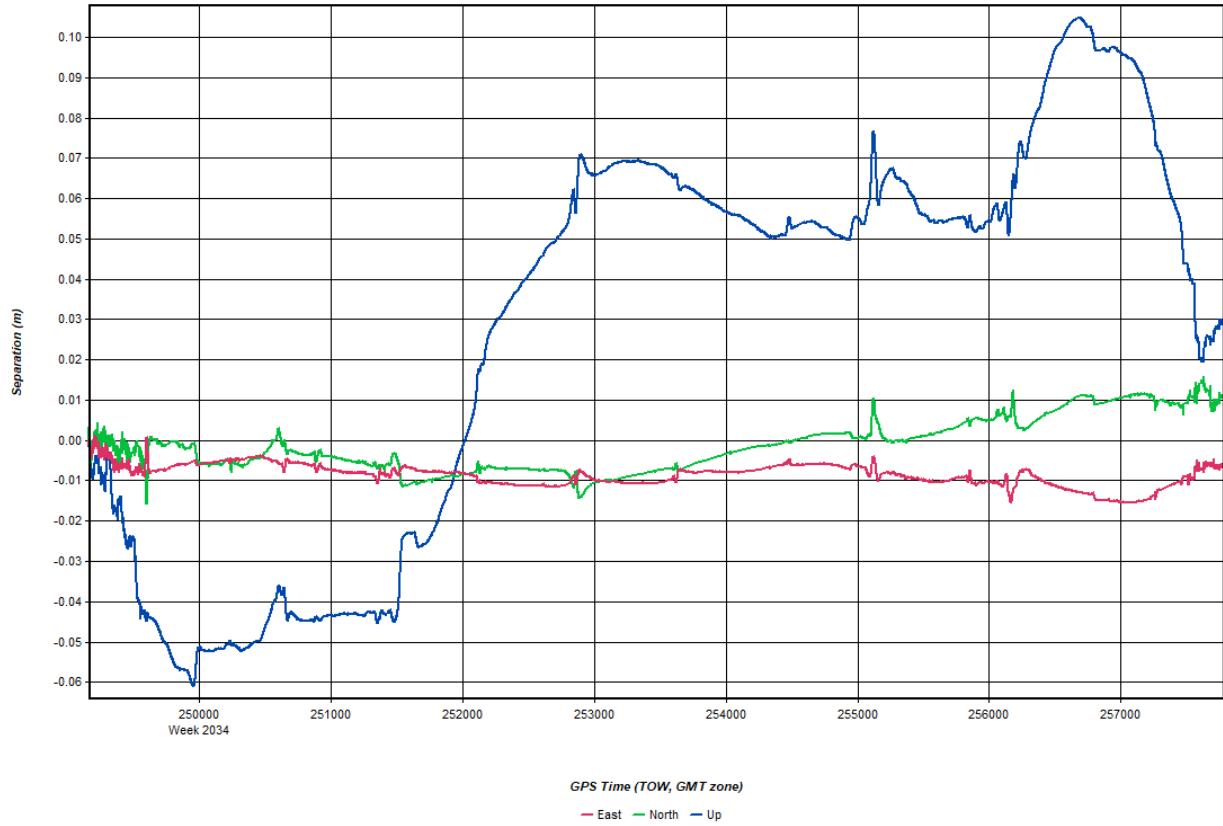
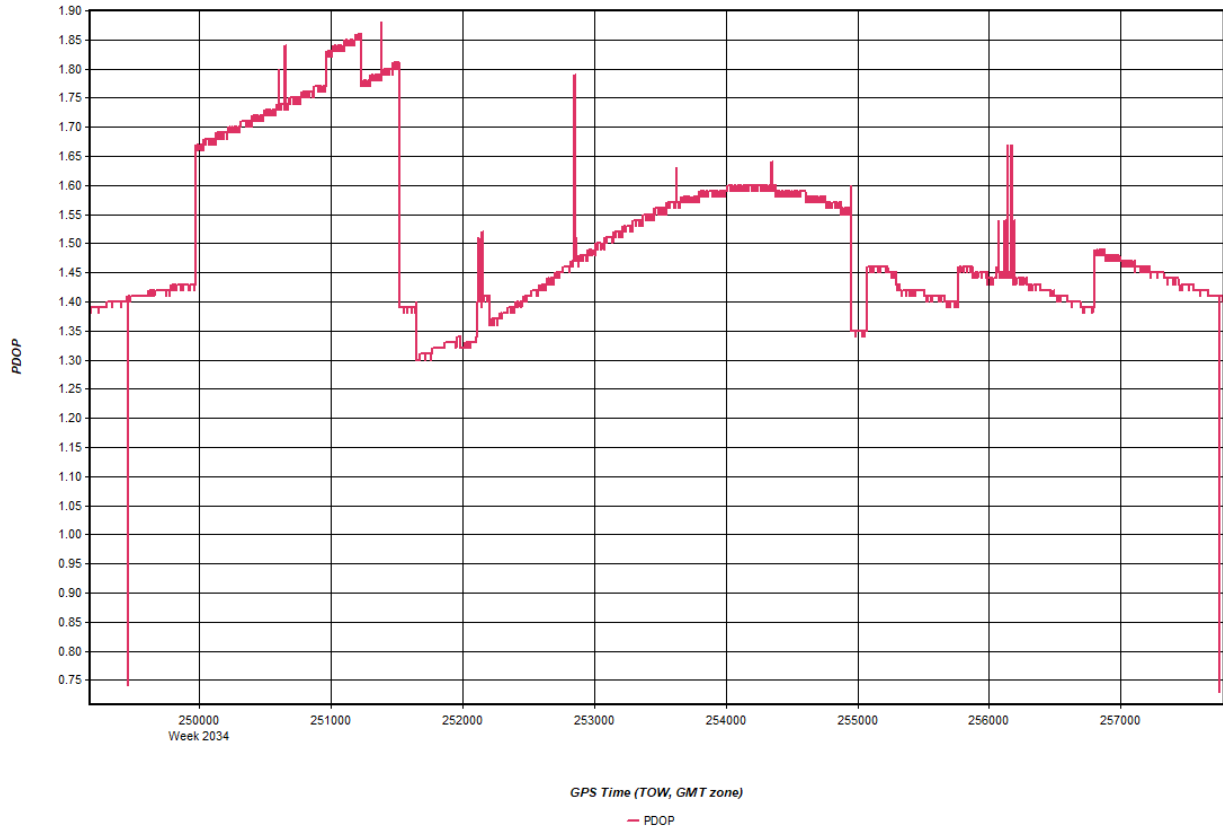
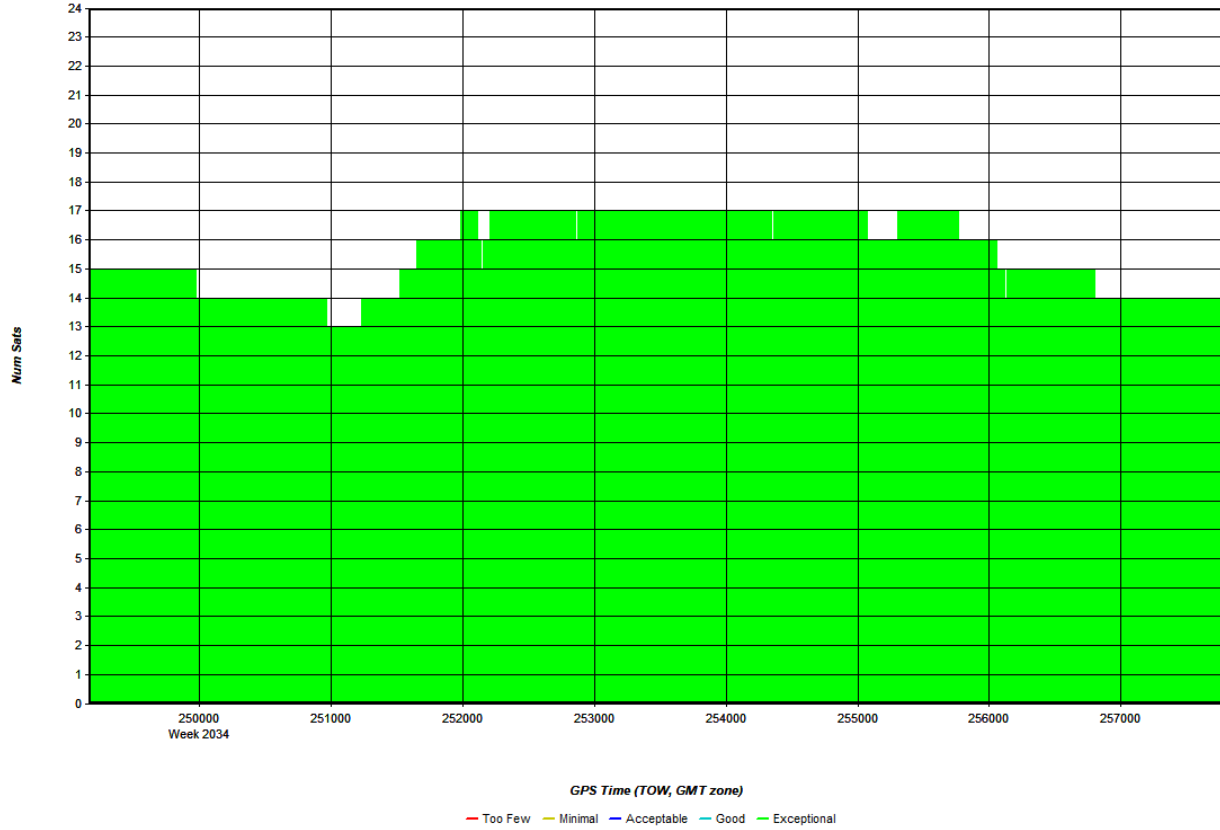


Figure 3: GW_1-1-19B_8239 [Smoothed TC Combined] - PDOP Plot



**Figure 4: GW_1-1-19B_8239 [Smoothed TC Combined] - Number of Satellites
Bar Plot**



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Steve_Krohn_Recvd_1-3-19\QL1_FL_LIDAR_33747\20190101_211108\GW_1-1-19B_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 17271

No processed position: 4

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0142 (m)

C/A Code: 1.30 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.009 (m)

North: 0.007 (m)

Height: 0.057 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 65.478 (km)

Minimum: 0.000 (km)

Average: 34.517 (km)

First Epoch: 0.005 (km)

Last Epoch: 0.005 (km)

Figure 5: GW_1-1-19B_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

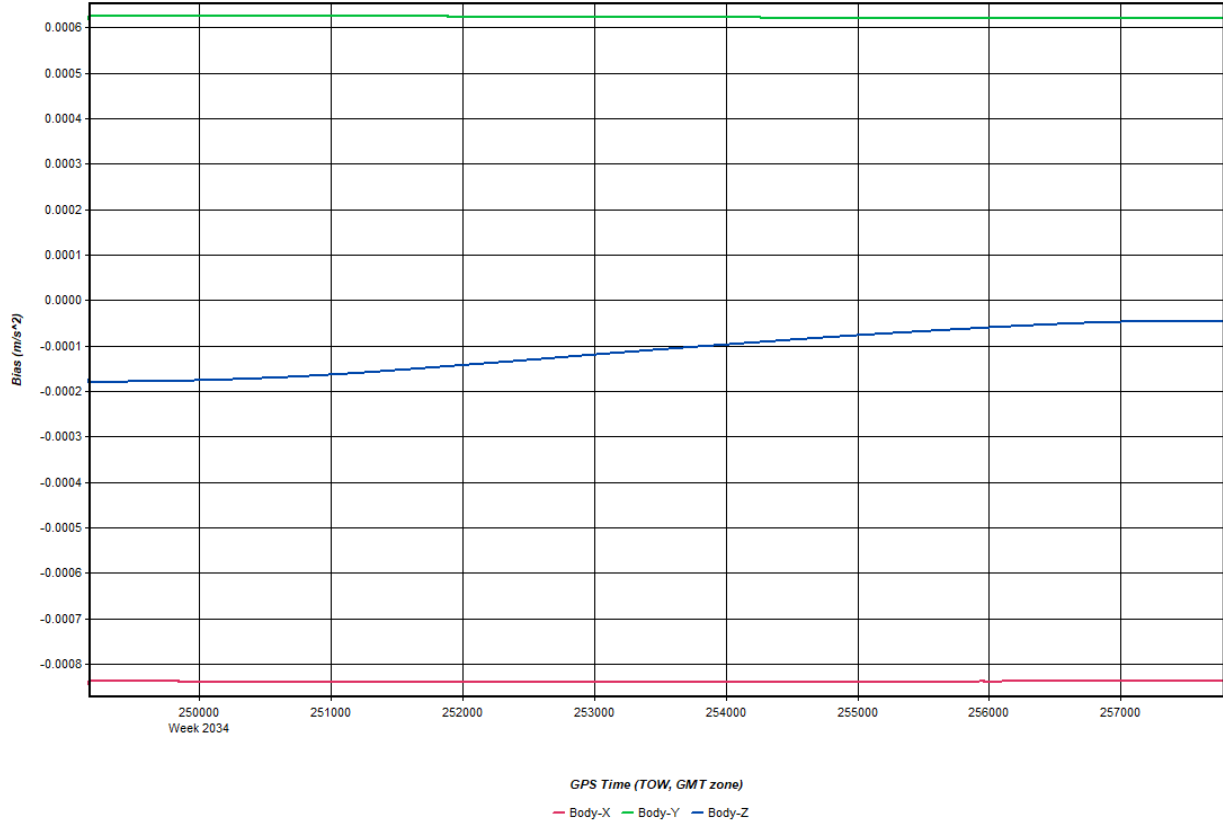
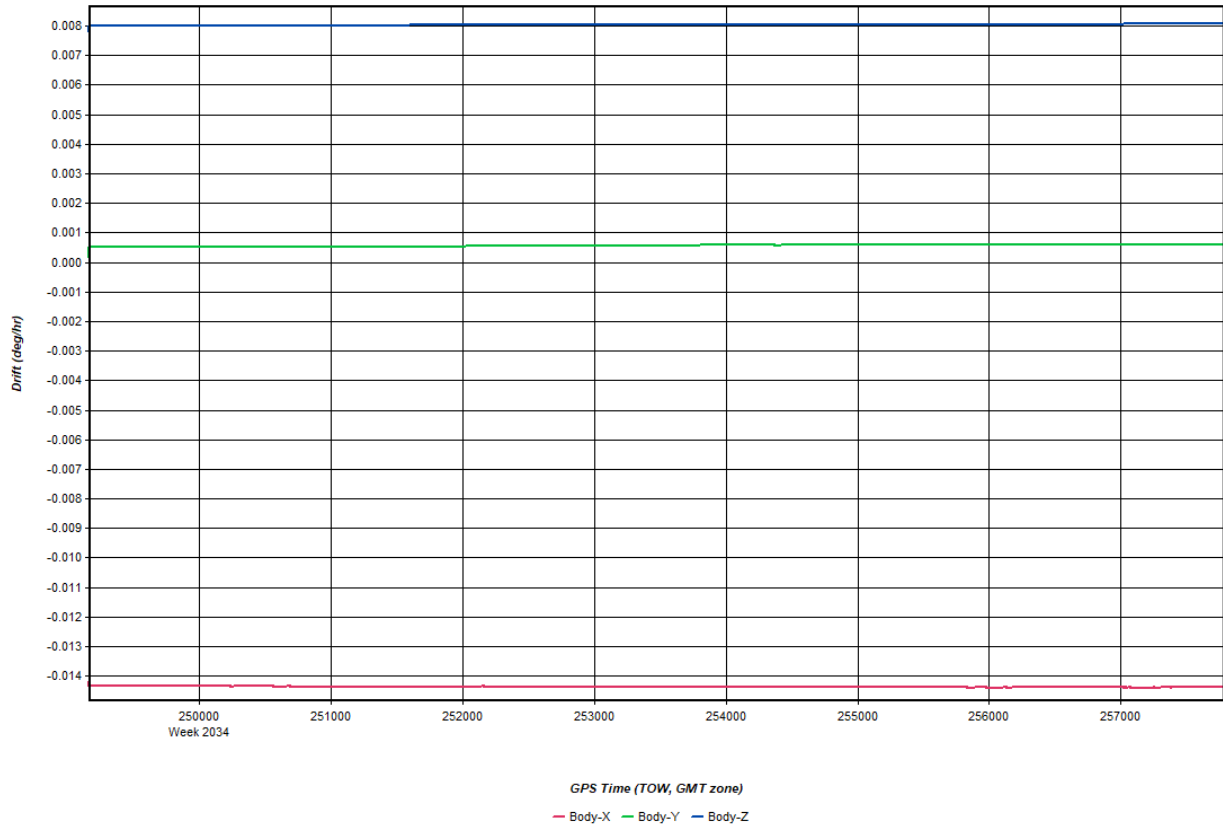


Figure 6: GW_1-1-19B_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-2-19A_8146

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

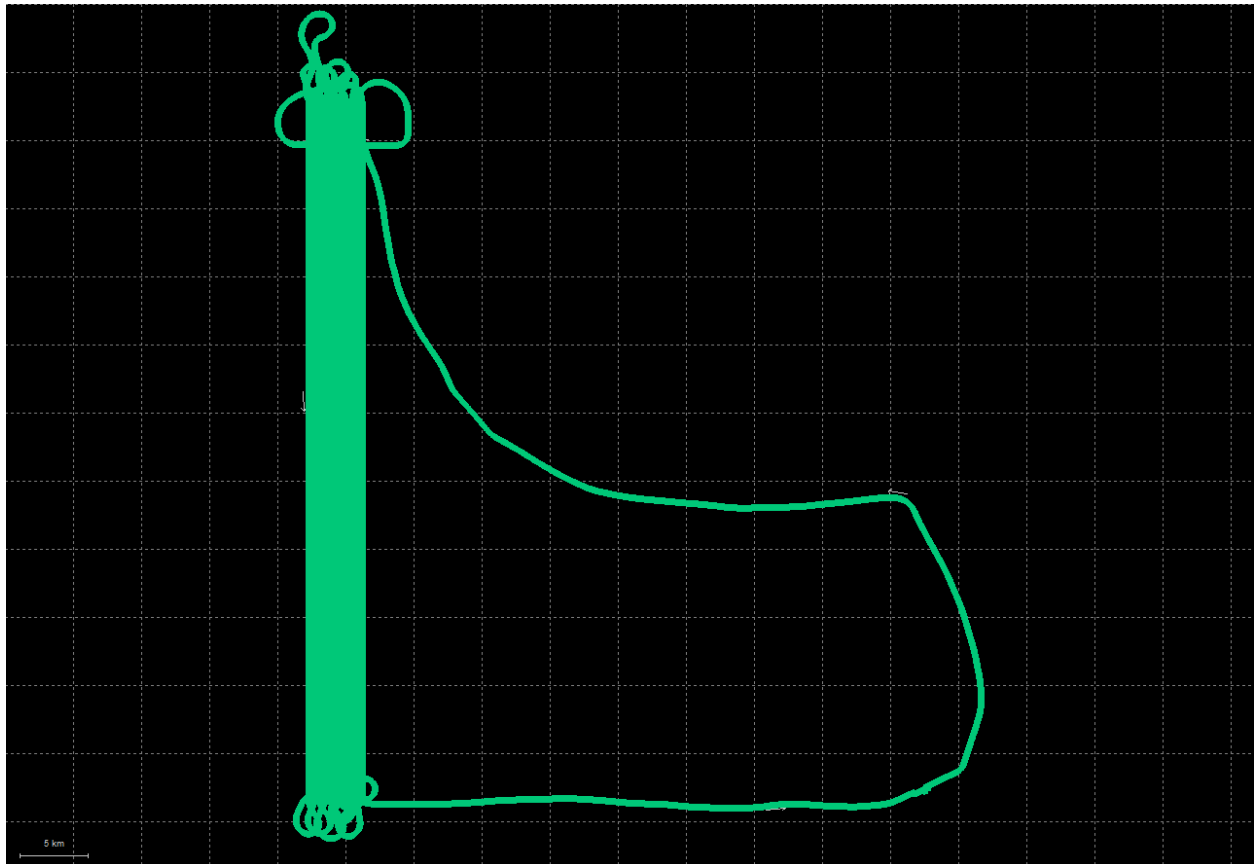


Figure 2: GW_QC_1-2-19A_8146 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

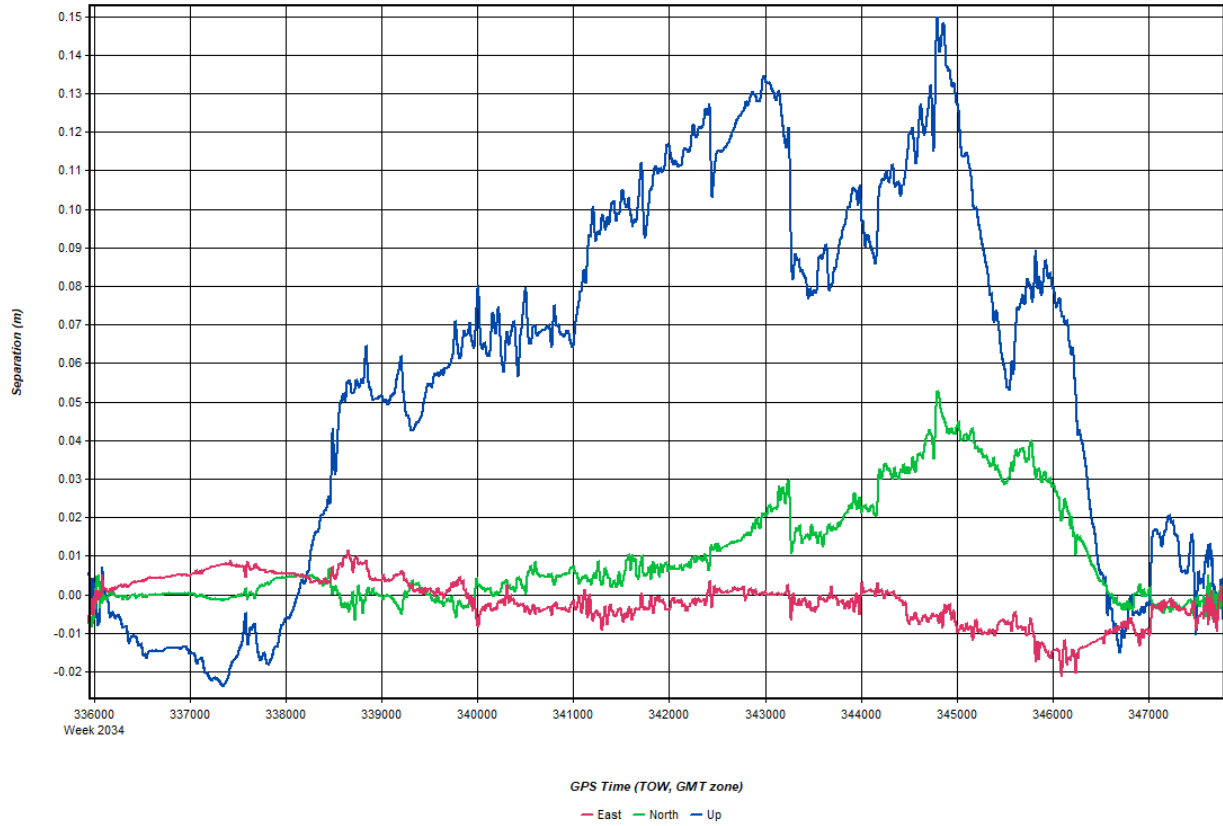


Figure 3: GW_QC_1-2-19A_8146 [Smoothed TC Combined] - PDOP Plot

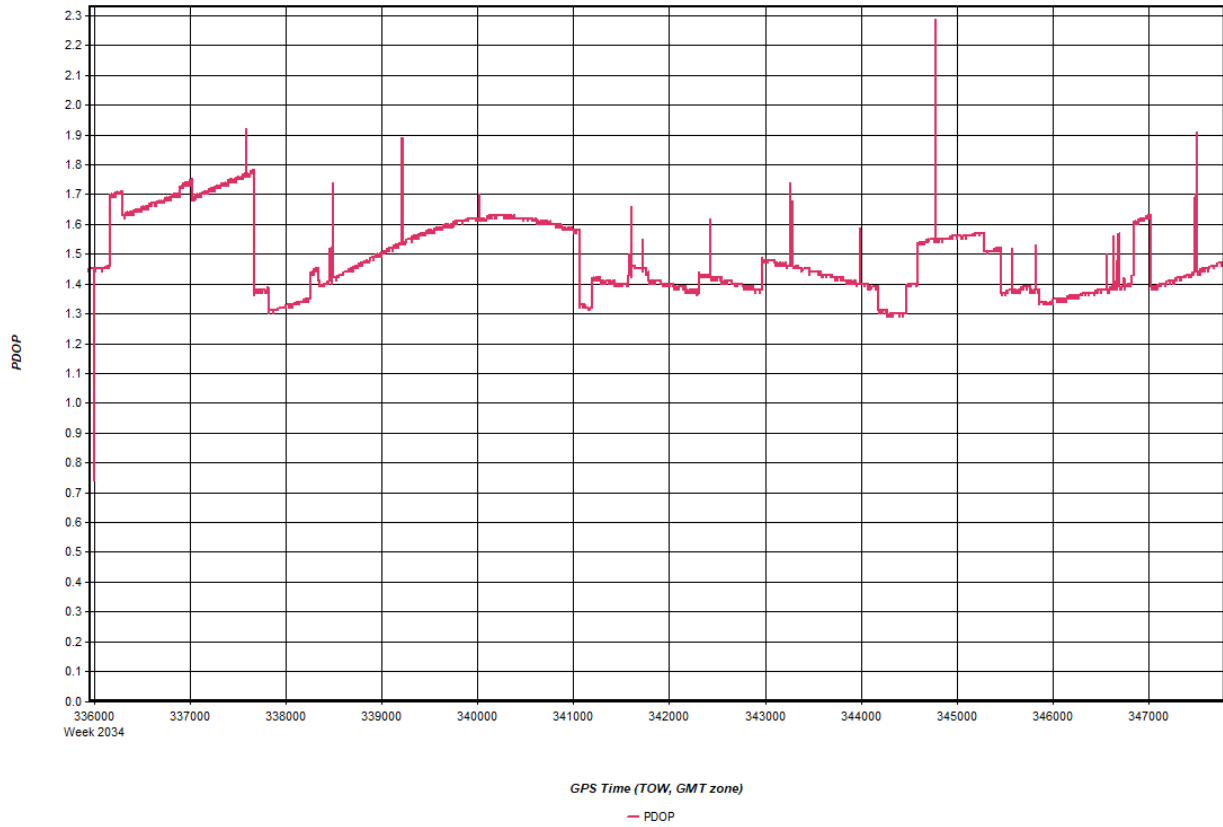
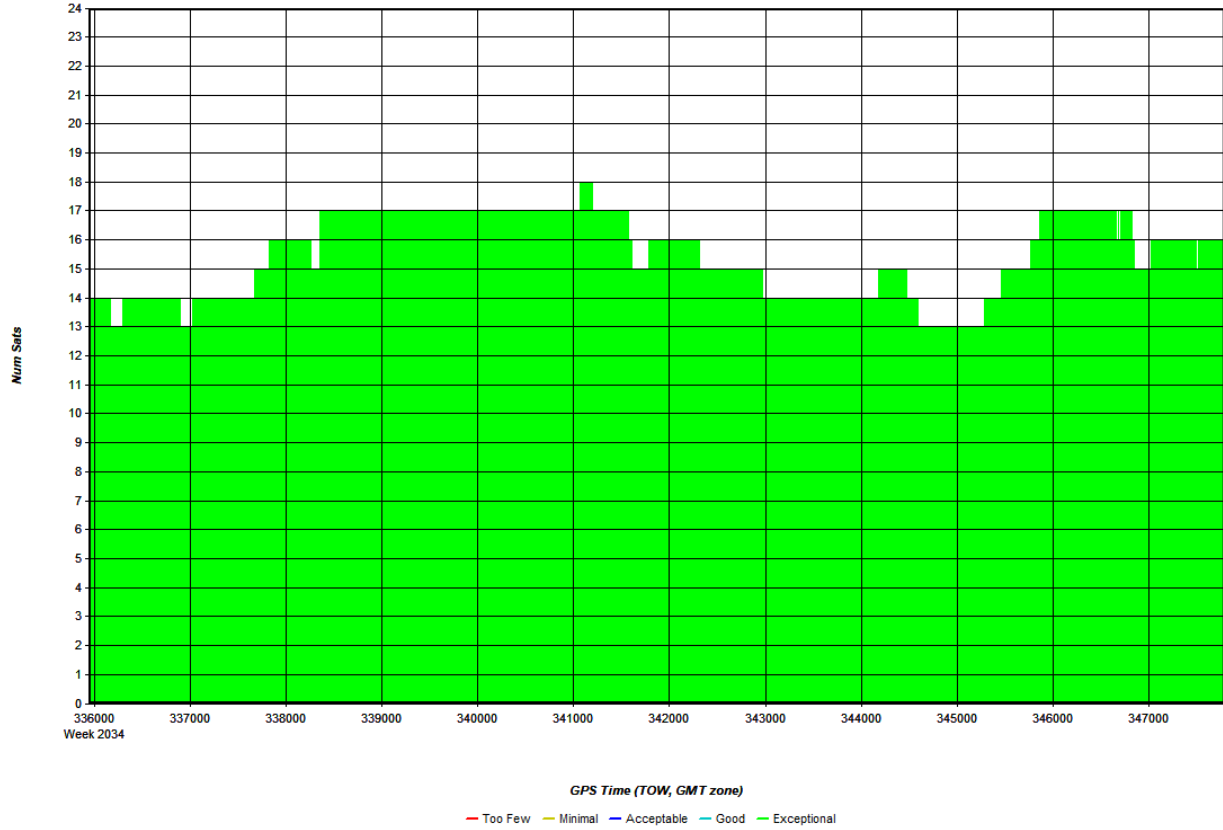


Figure 4: GW_QC_1-2-19A_8146 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Corvalis_Recvd_1-4-

19\20190102_33747_FL_QL1_ALS80_SN8146\20190102_211739\GW_QC_1-2-19A_8146.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 23731

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0162 (m)

C/A Code: 0.57 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.006 (m)

North: 0.017 (m)

Height: 0.075 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 71.741 (km)

Minimum: 0.002 (km)

Average: 44.929 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_1-2-19A_8146 [Smoothed TC Combined] - Accelerometer Bias Plot

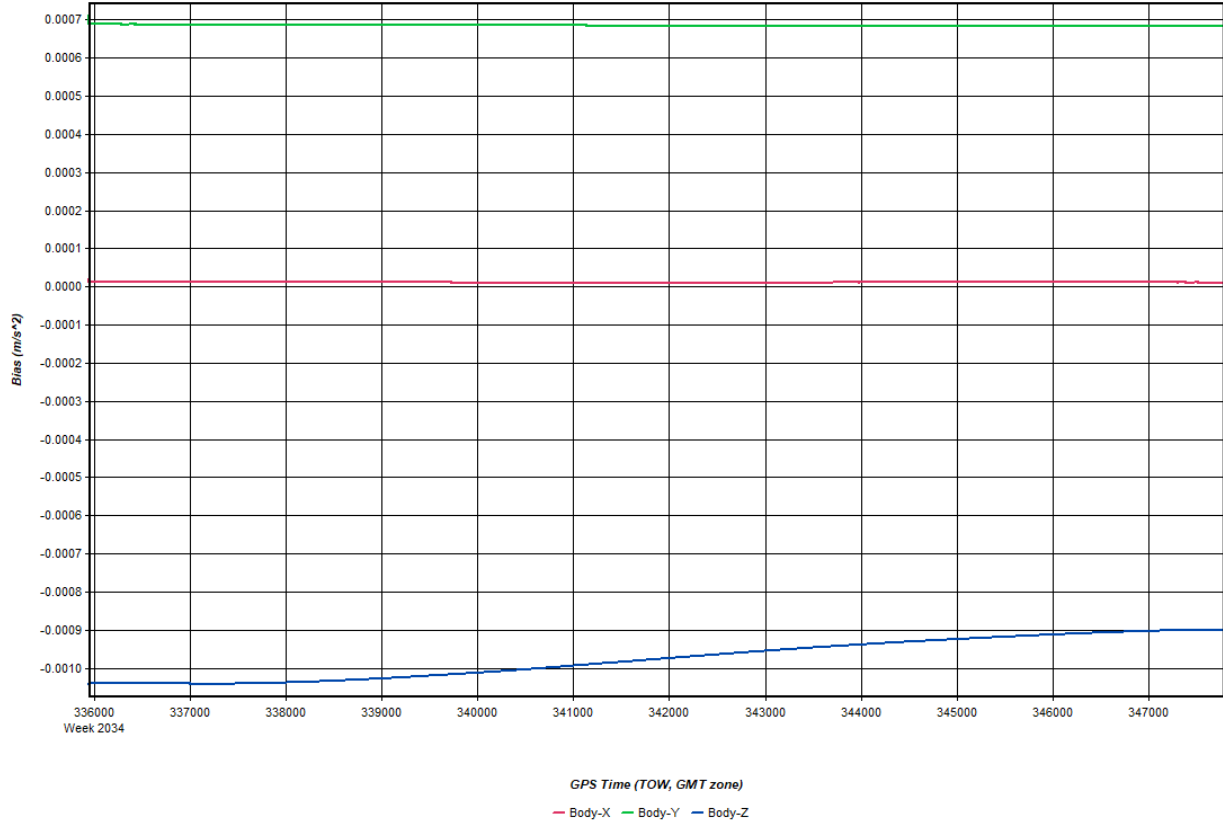
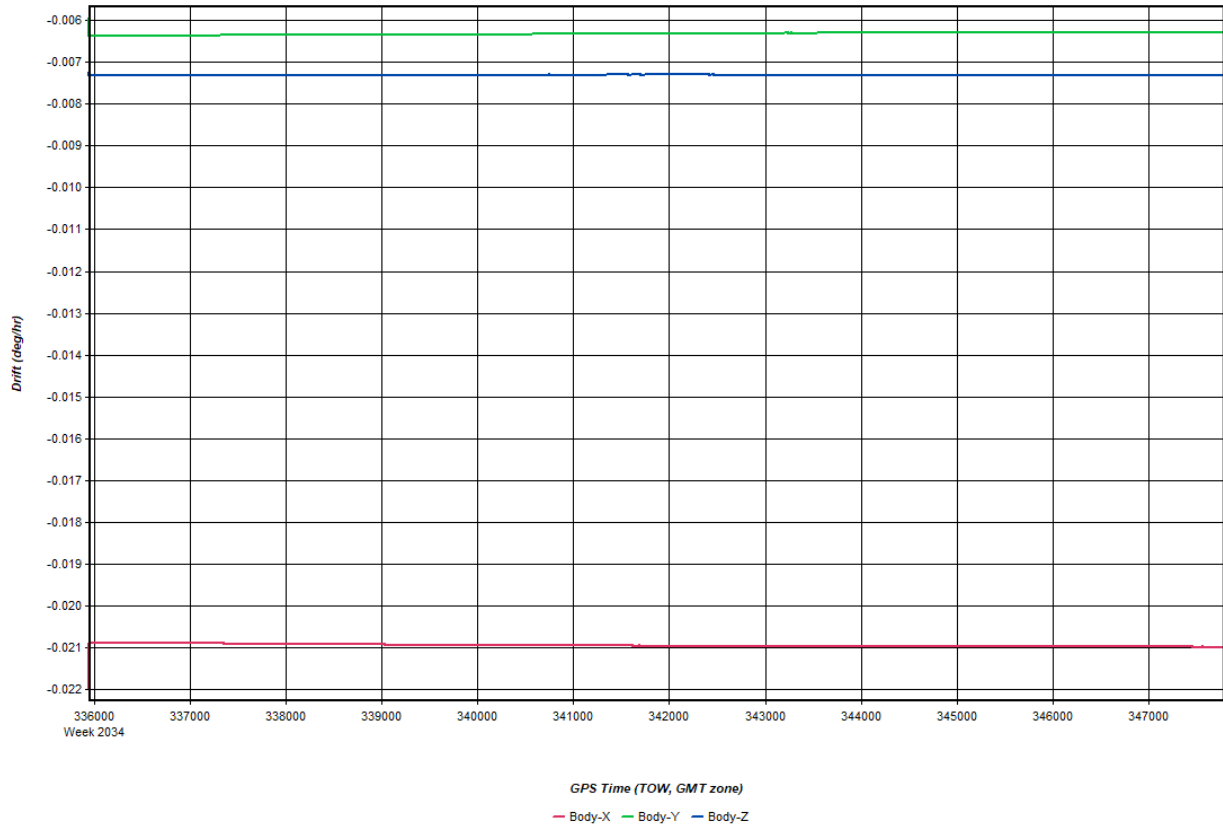


Figure 6: GW_QC_1-2-19A_8146 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-2-19A_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

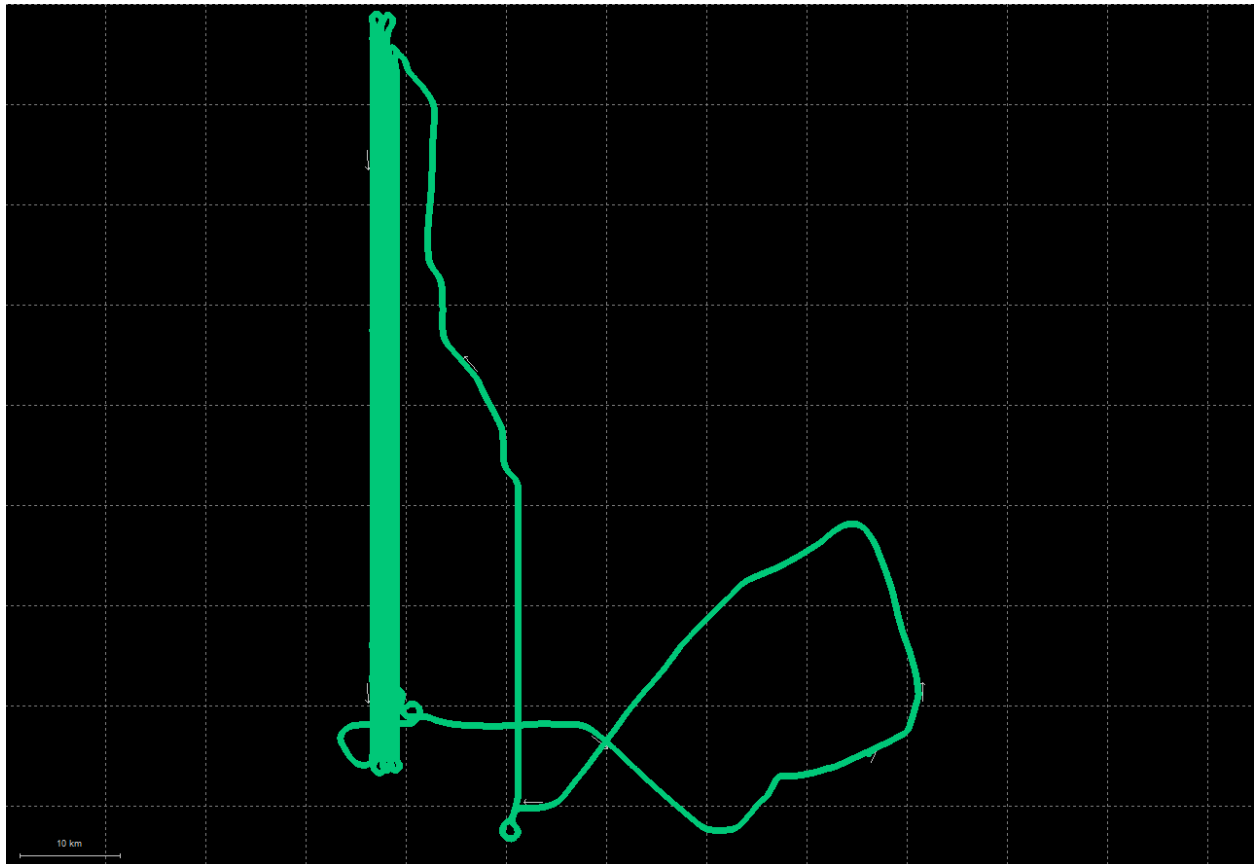


Figure 2: GW_QC_1-2-19A_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Figure 3: GW_QC_1-2-19A_8239 [Smoothed TC Combined] - PDOP Plot

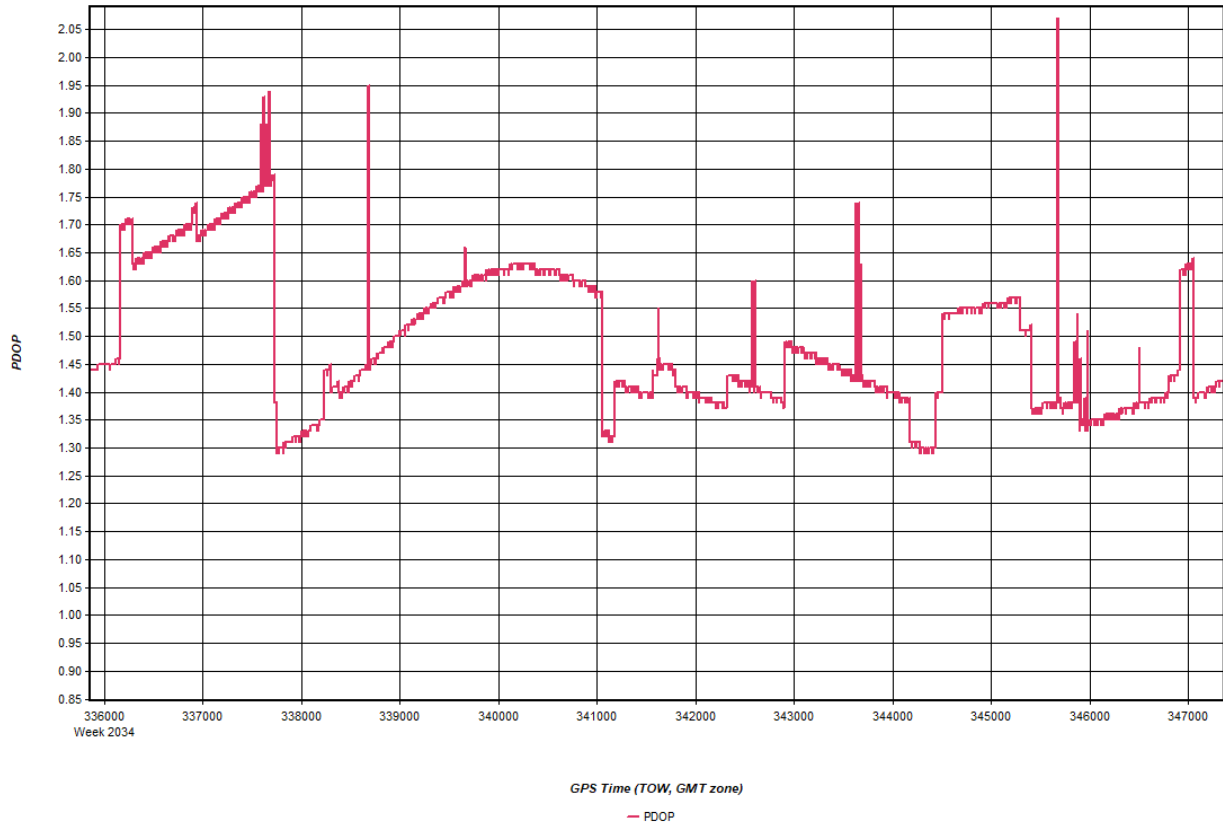
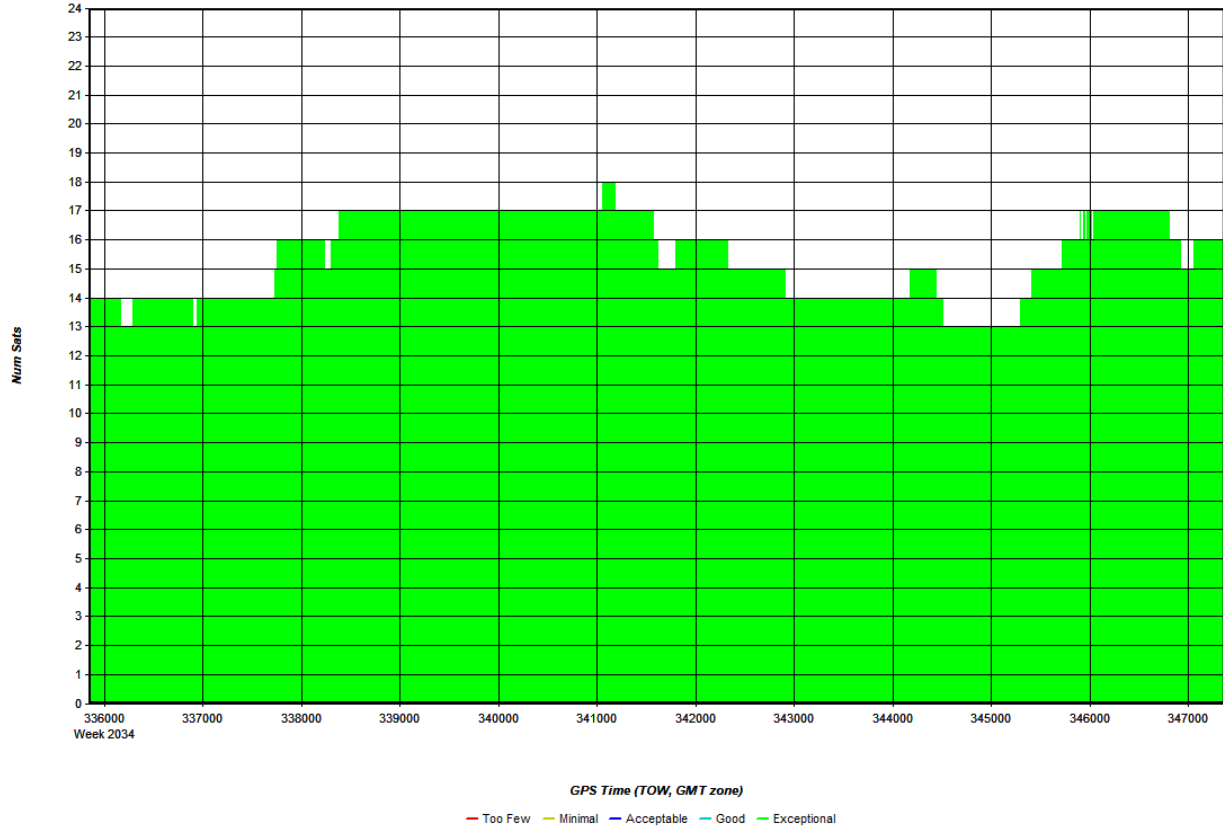


Figure 4: GW_QC_1-2-19A_8239 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Steve_Krohn_Recvd_1-4-19\33747 QL1 FL

Lidar\20190102_211444\GW_QC_1-2-19A_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 23061

No processed position: 4

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0152 (m)

C/A Code: 1.05 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.010 (m)

North: 0.020 (m)

Height: 0.091 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 88.099 (km)

Minimum: 0.002 (km)

Average: 47.376 (km)

First Epoch: 0.011 (km)

Last Epoch: 0.011 (km)

Figure 5: GW_QC_1-2-19A_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

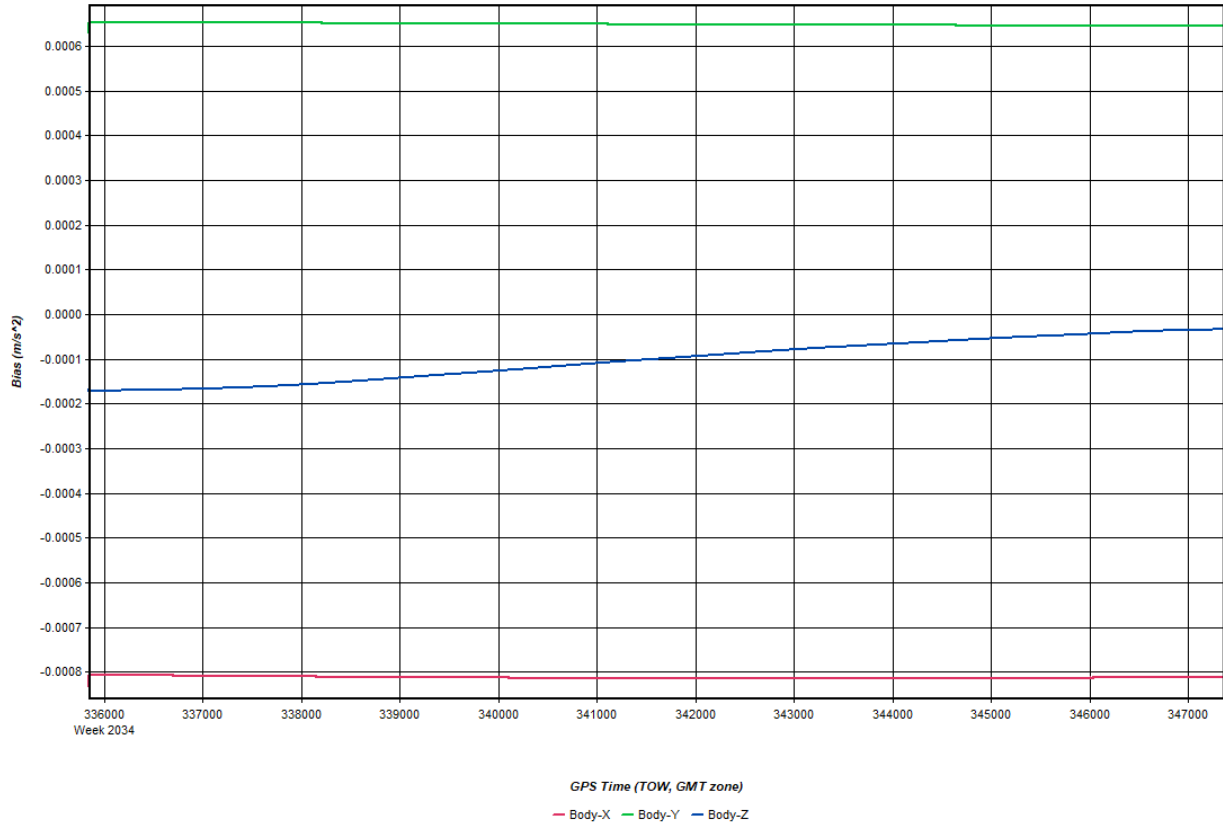
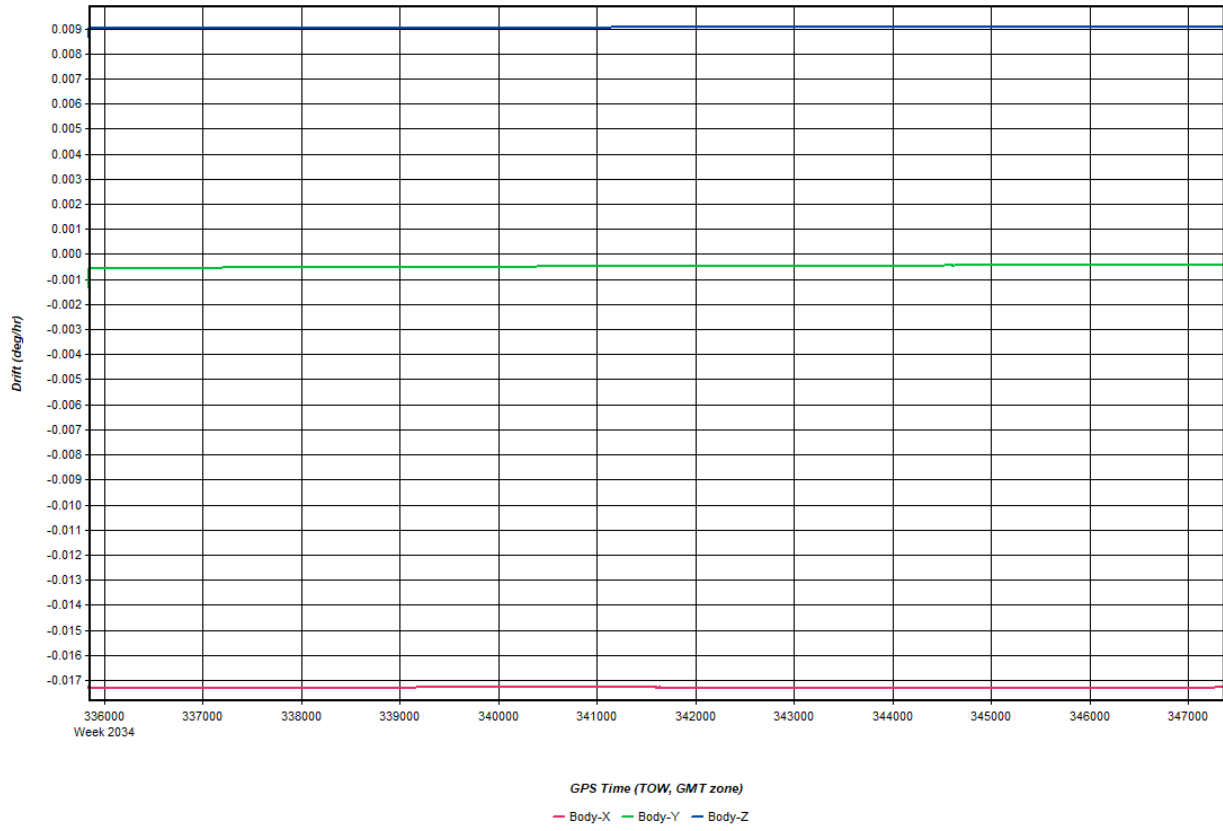


Figure 6: GW_QC_1-2-19A_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-5-19A_8146

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

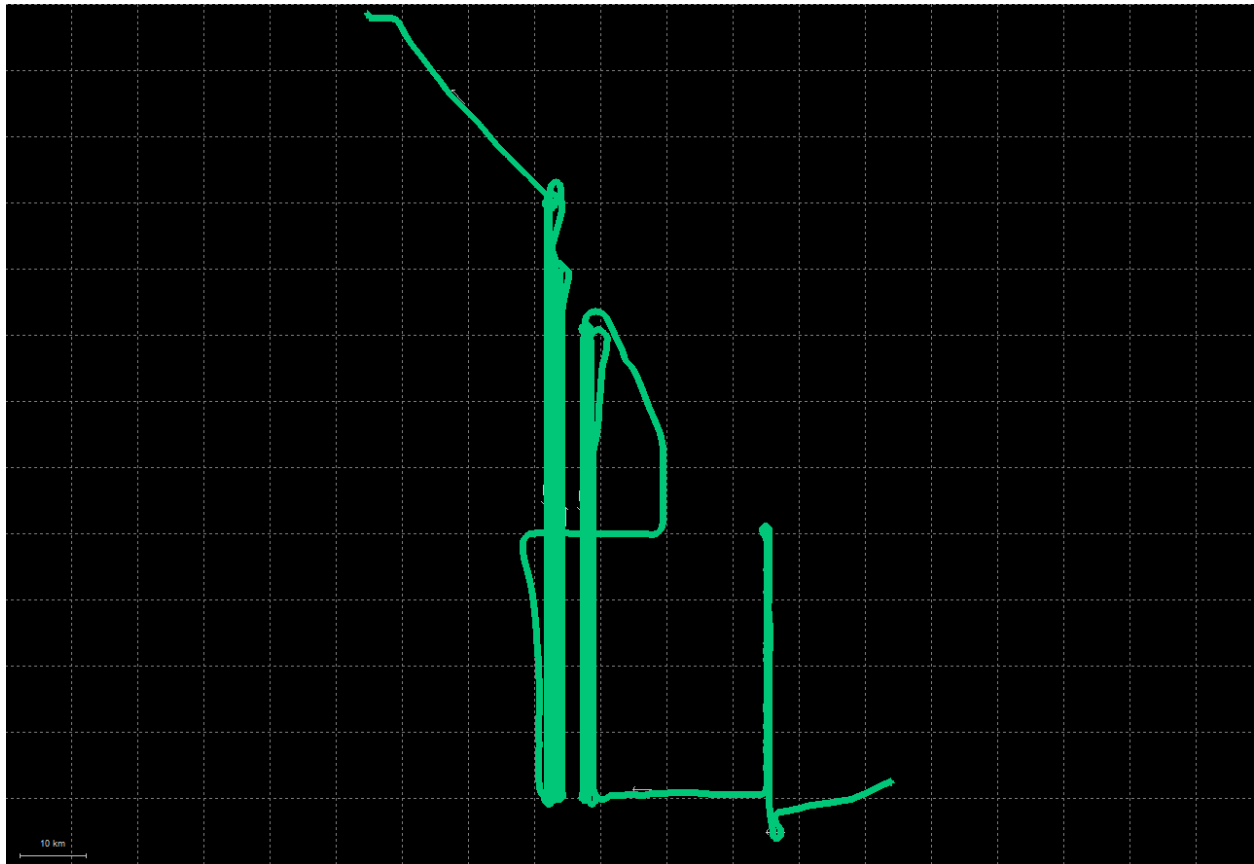


Figure 2: GW_QC_1-5-19A_8146 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

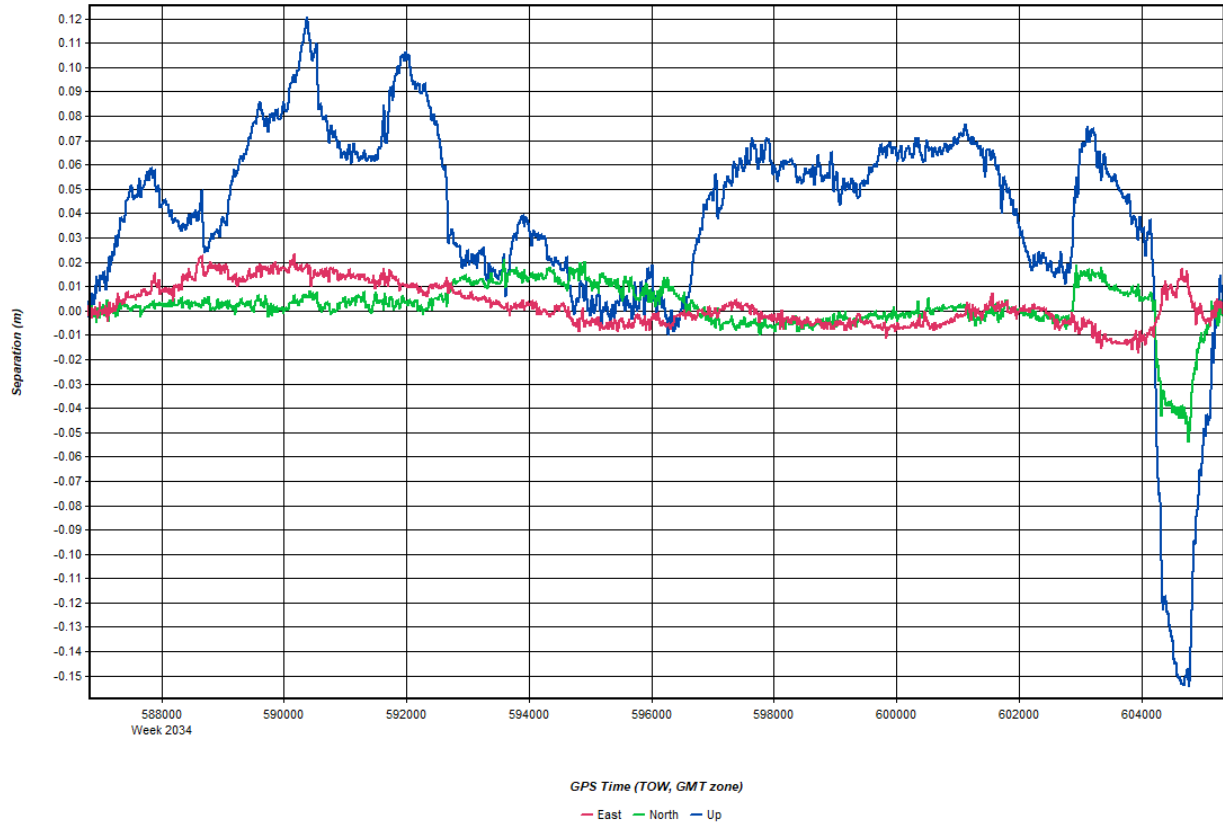
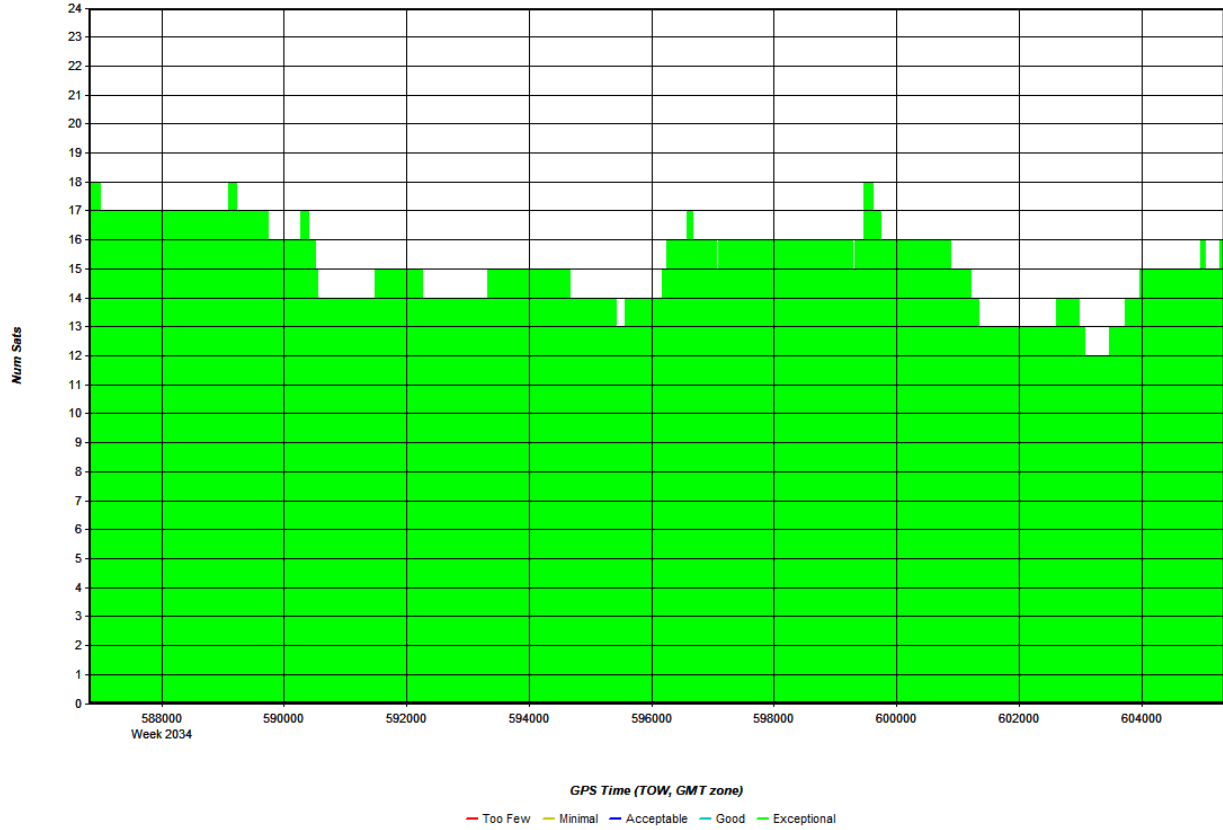


Figure 3: GW_QC_1-5-19A_8146 [Smoothed TC Combined] - PDOP Plot



Figure 4: GW_QC_1-5-19A_8146 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Lie_Nielson_Recvd_1-8-

19\20190105_33747_FL_QL1_ALS80_SN8146\20190105_185857\GW_QC_1-5-19A_8146.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 37123

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0189 (m)

C/A Code: 0.65 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.009 (m)

North: 0.010 (m)

Height: 0.058 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 81.943 (km)

Minimum: 0.003 (km)

Average: 35.177 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_1-5-19A_8146 [Smoothed TC Combined] - Accelerometer Bias Plot

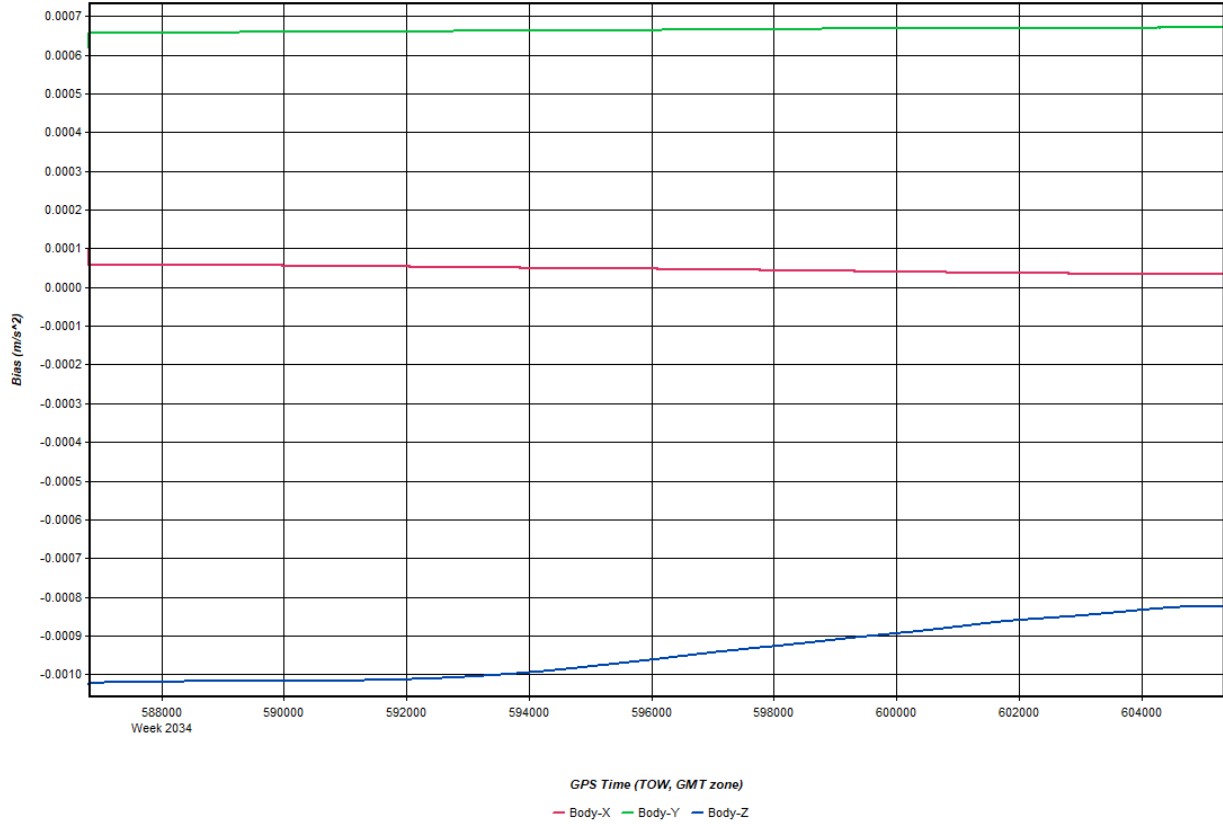
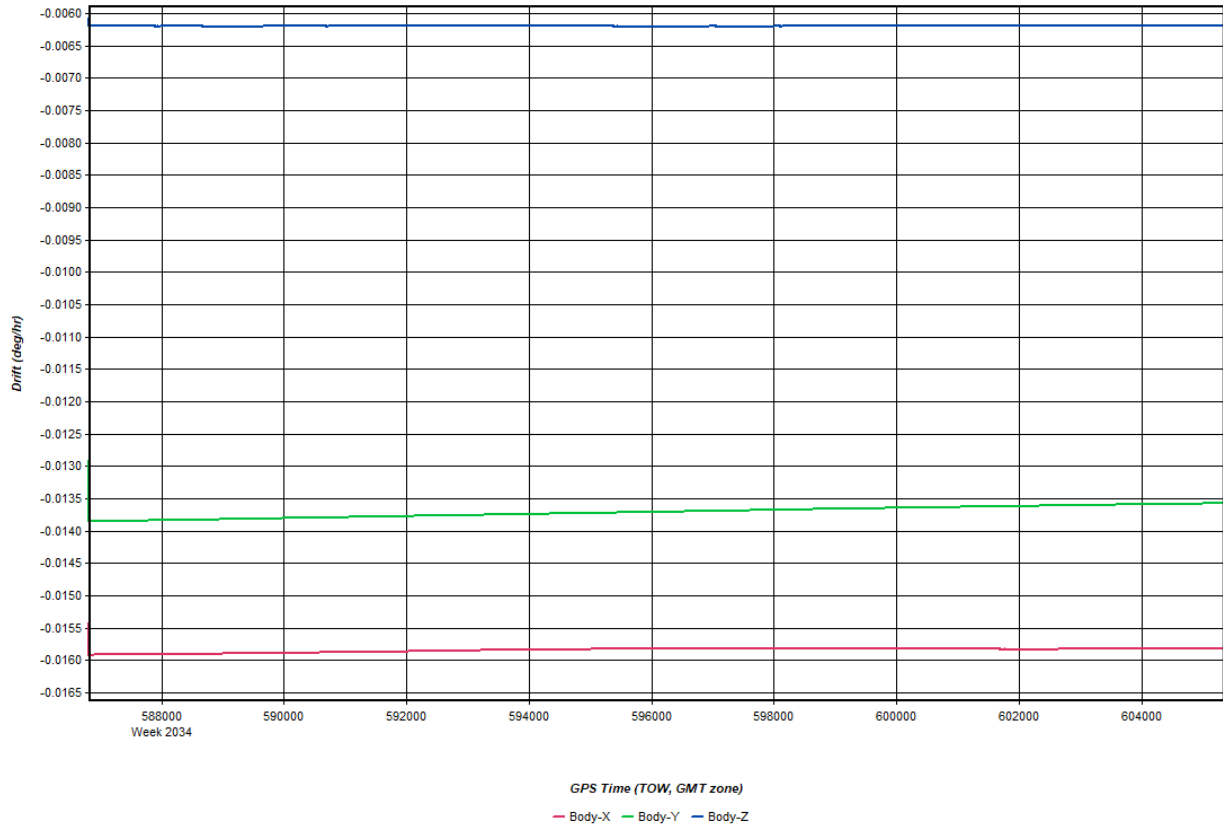


Figure 6: GW_QC_1-5-19A_8146 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-5-19A_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

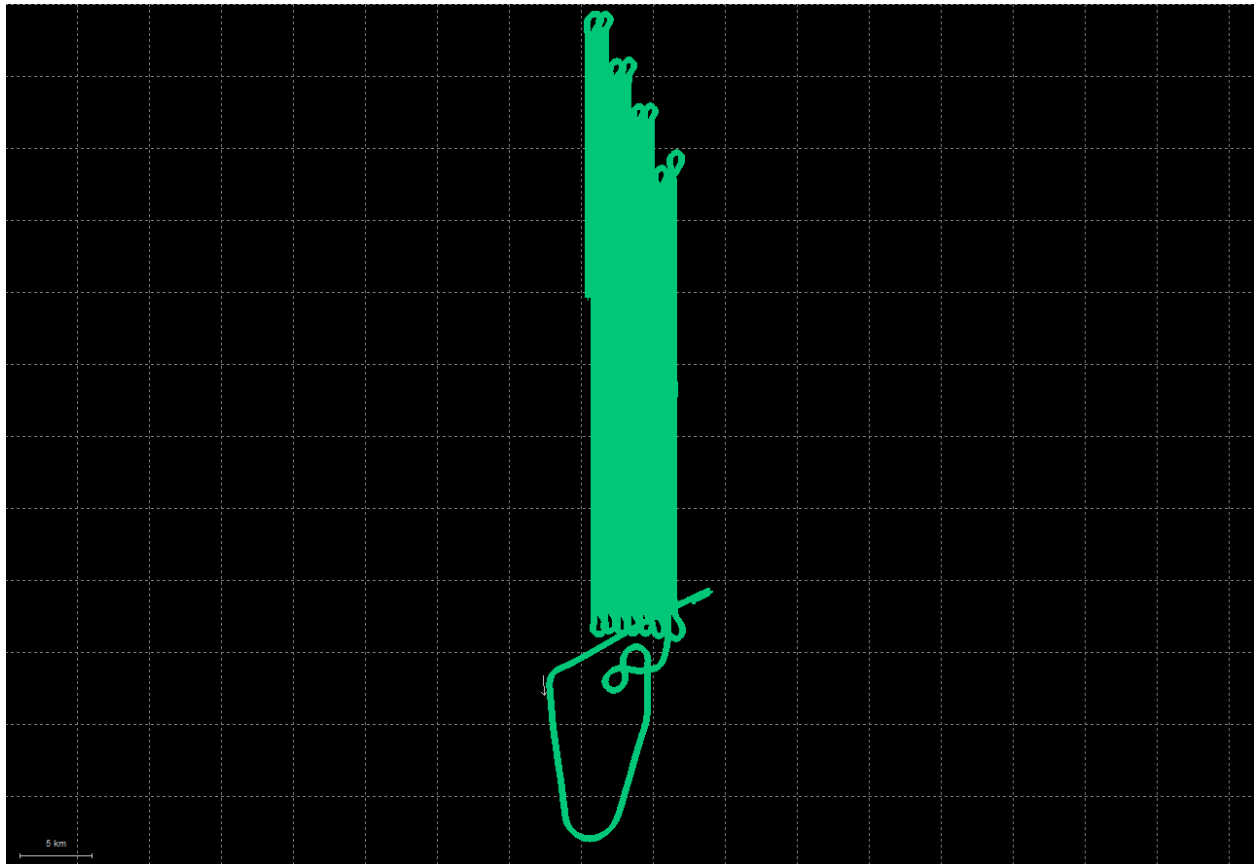


Figure 2: GW_QC_1-5-19A_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

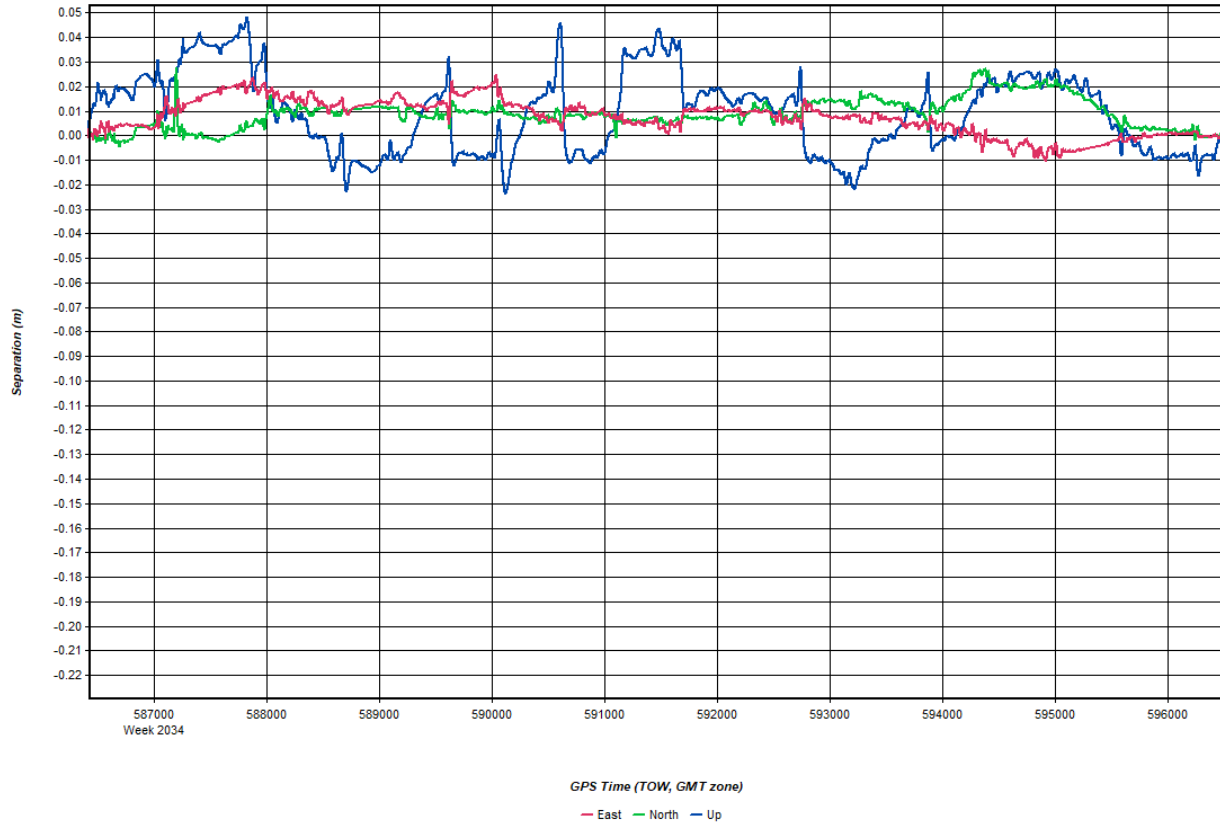


Figure 3: GW_QC_1-5-19A_8239 [Smoothed TC Combined] - PDOP Plot

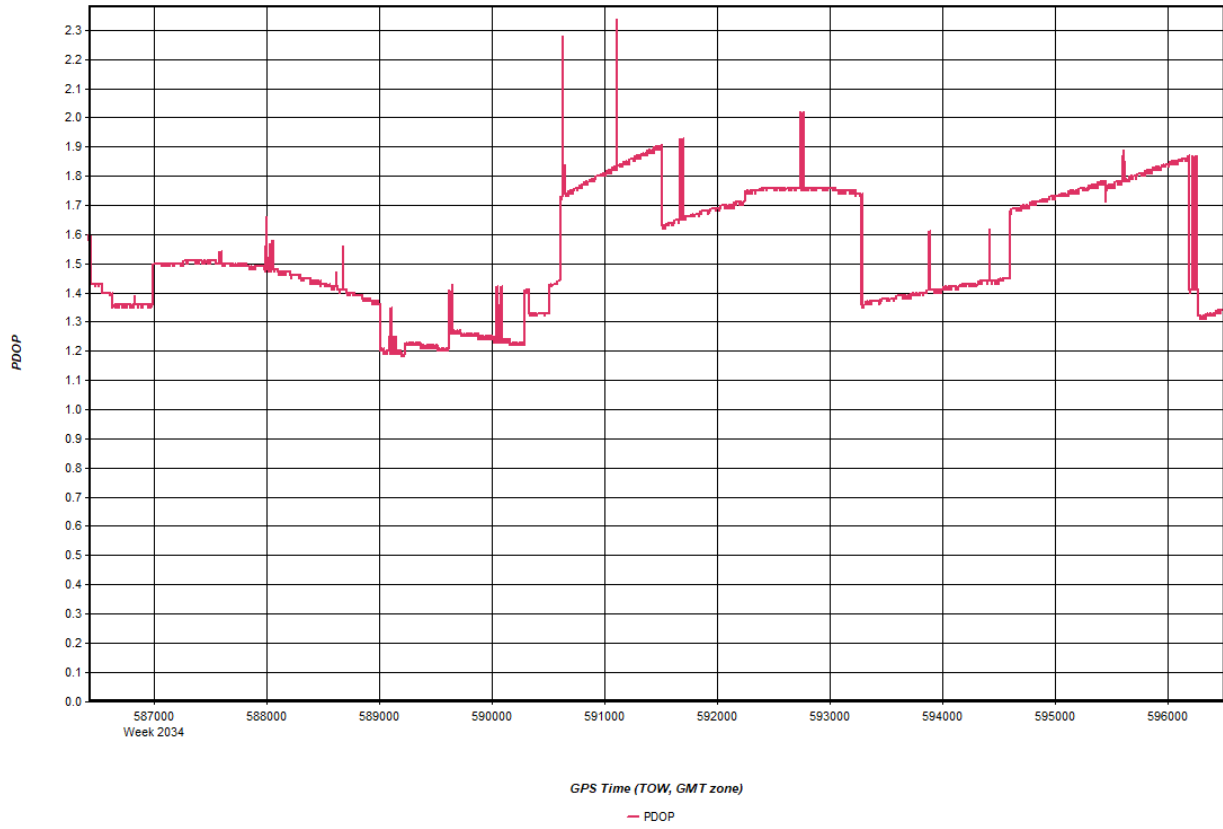
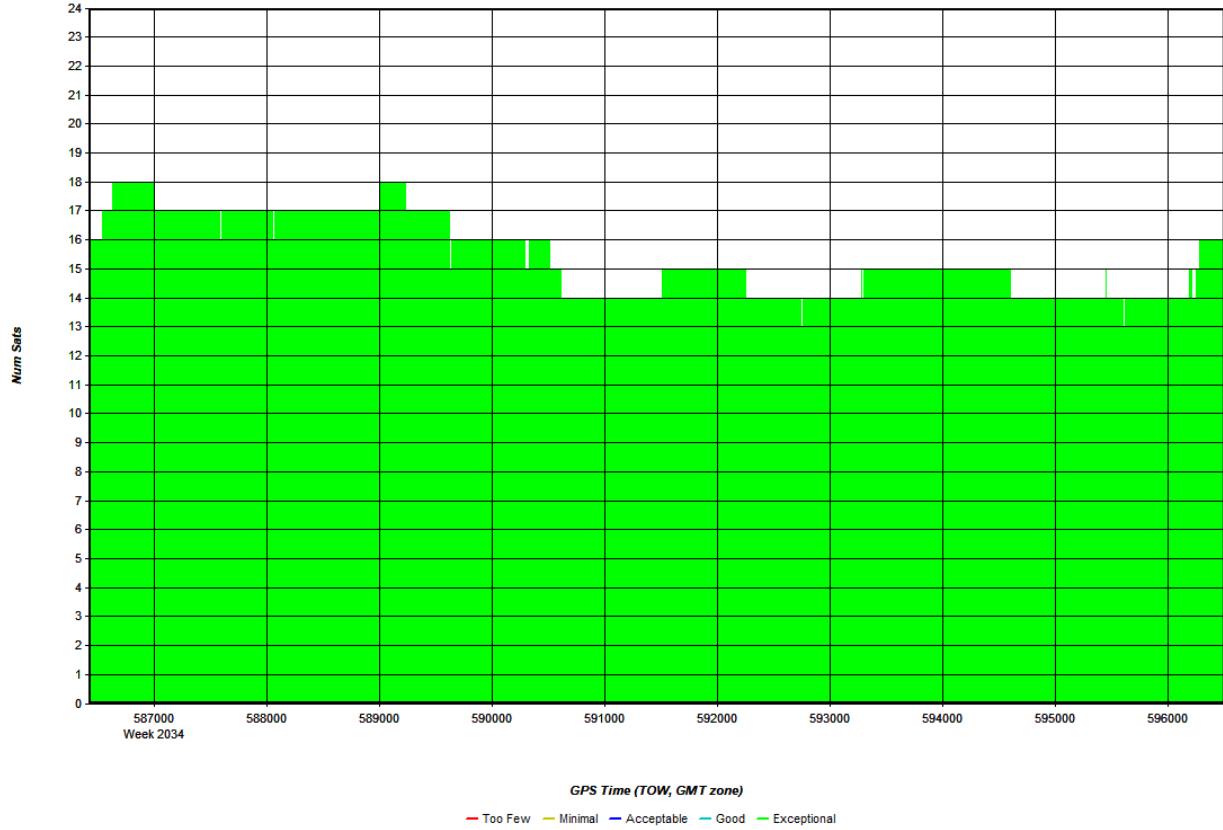


Figure 4: GW_QC_1-5-19A_8239 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Steve_Krohn_Recvd_1-8-19\20190105_185030\GW_QC_1-5-19A_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 20193

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0142 (m)

C/A Code: 1.23 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.010 (m)

North: 0.012 (m)

Height: 0.019 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 30.665 (km)

Minimum: 0.005 (km)

Average: 11.923 (km)

First Epoch: 0.005 (km)

Last Epoch: 0.118 (km)

Figure 5: GW_QC_1-5-19A_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

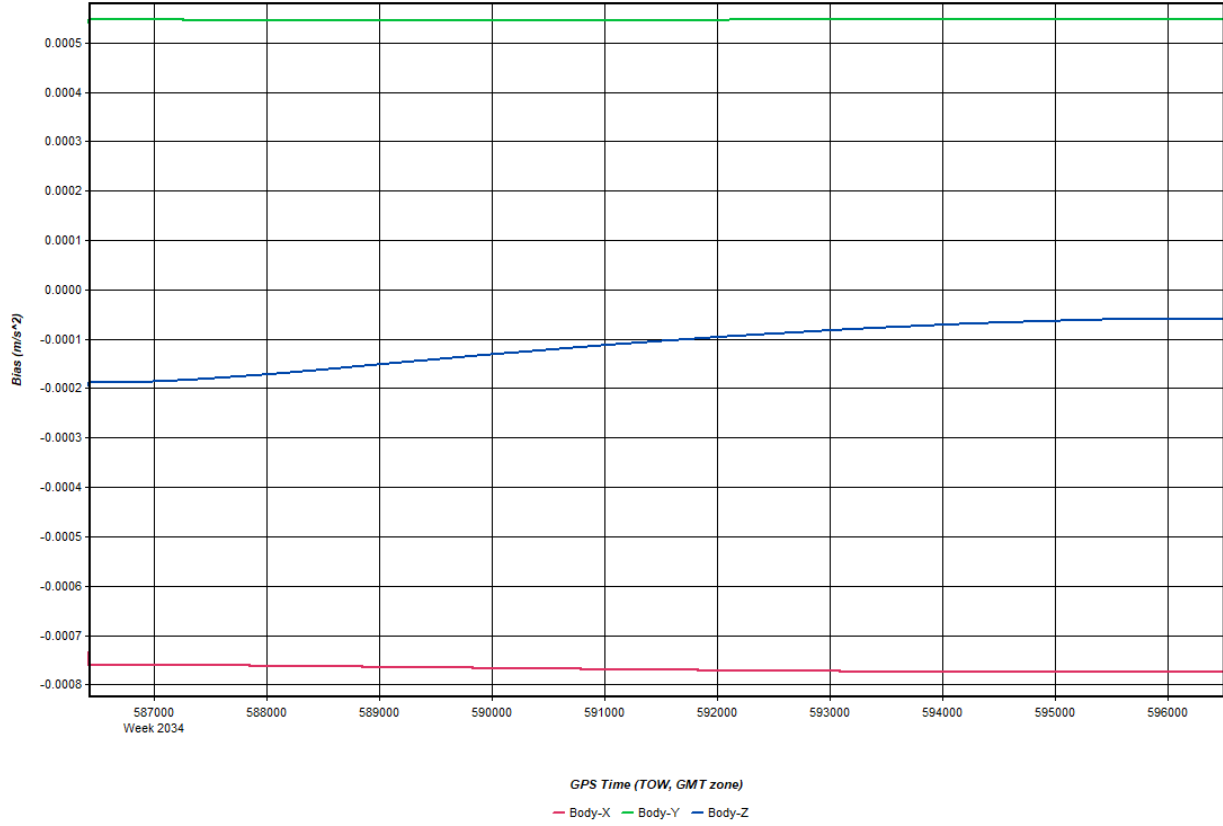
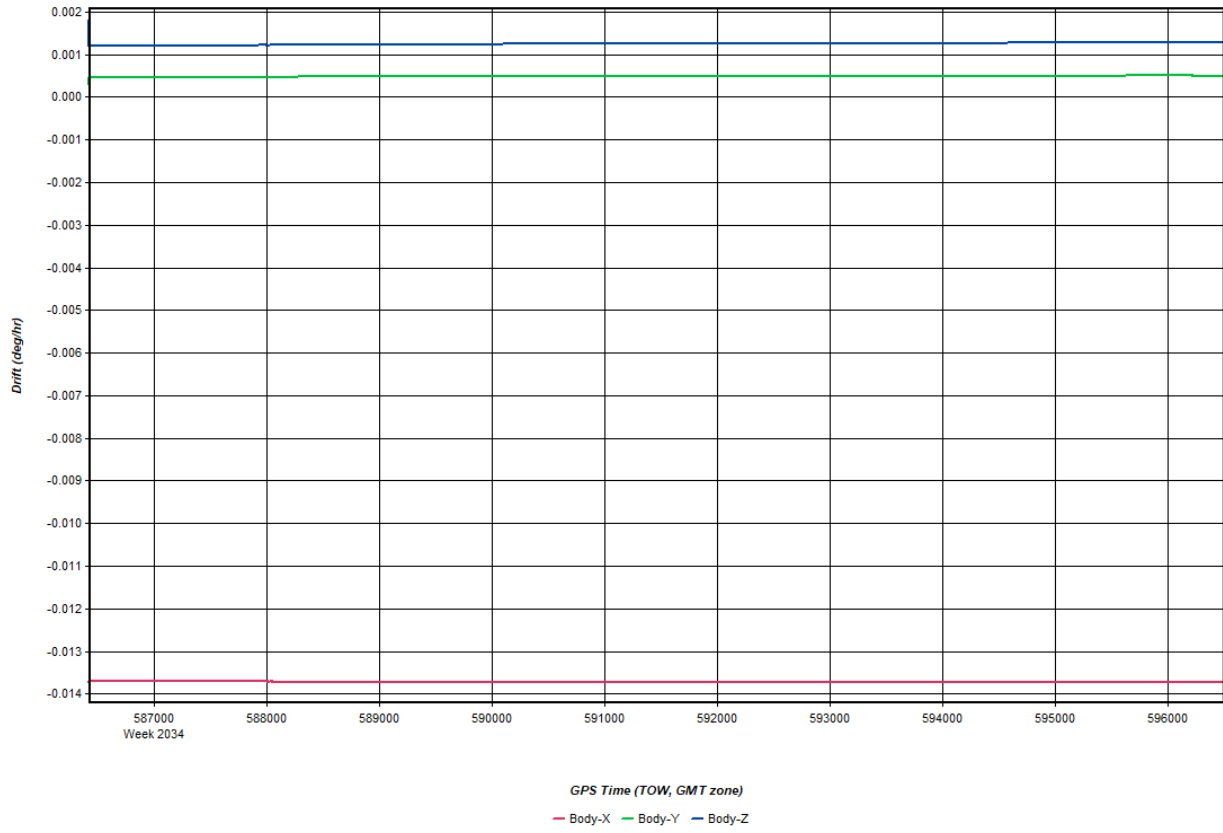


Figure 6: GW_QC_1-5-19A_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_1-5-19B_8146

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map



Figure 2: GW_1-5-19B_8146 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

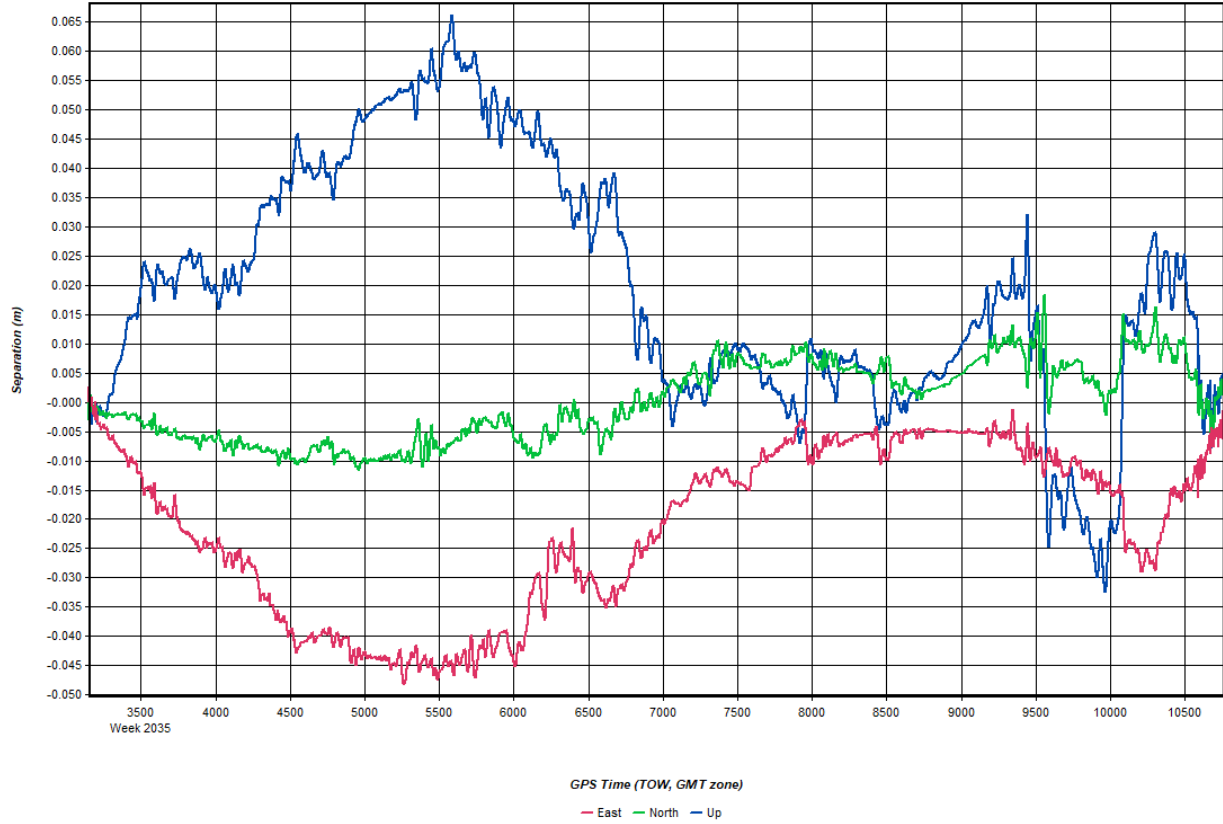
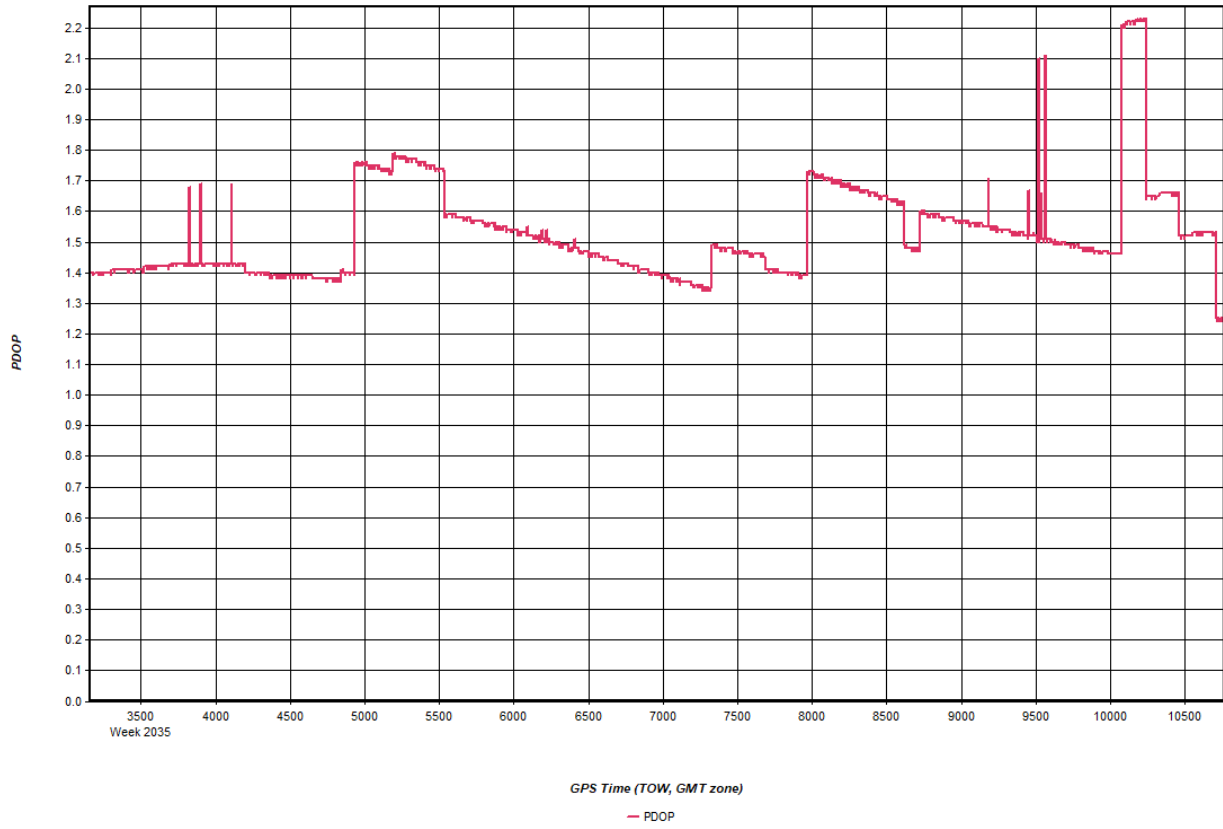
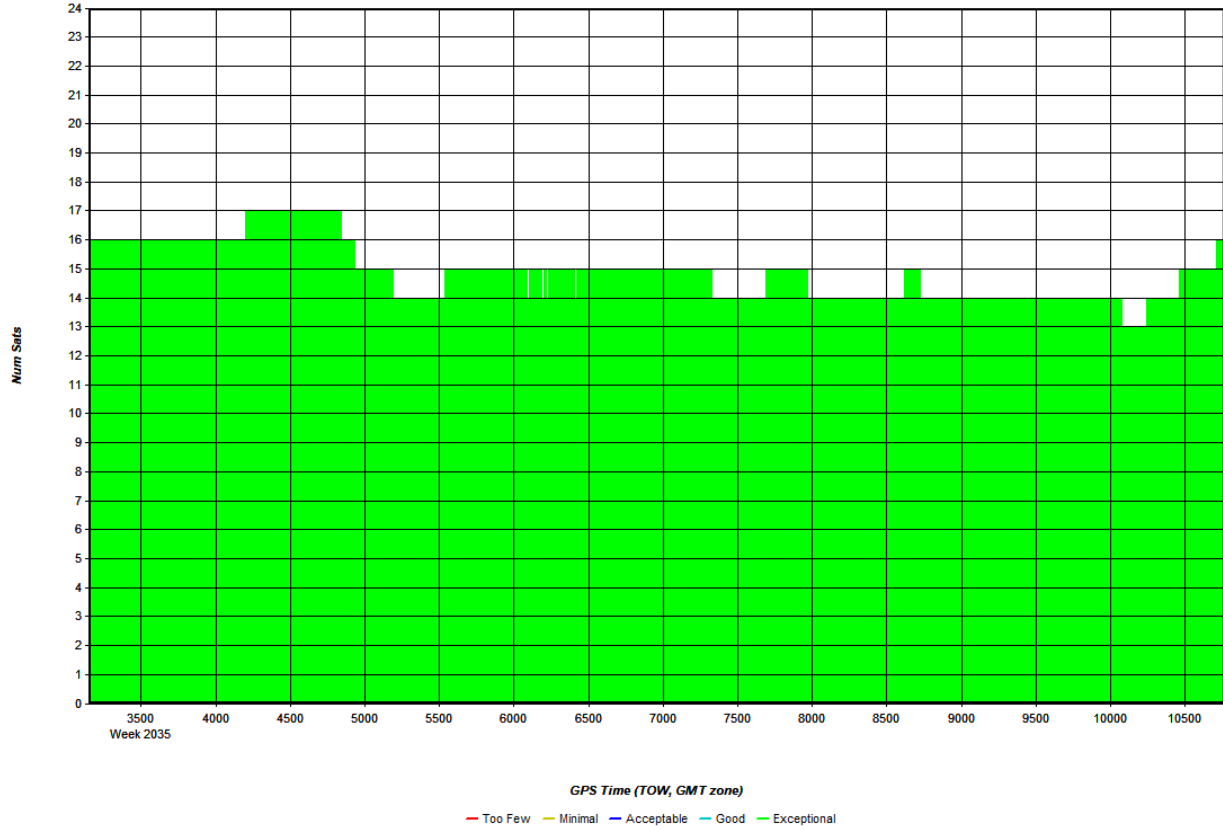


Figure 3: GW_1-5-19B_8146 [Smoothed TC Combined] - PDOP Plot



**Figure 4: GW_1-5-19B_8146 [Smoothed TC Combined] - Number of Satellites
Bar Plot**



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Lie_Nielson_Recvd_1-8-19\20190105_33747_FL_QL1_ALS80_SN8146\20190106_005048\GW_1-5-19B_8146.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 15252

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0155 (m)

C/A Code: 0.60 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.025 (m)

North: 0.007 (m)

Height: 0.029 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 126.194 (km)

Minimum: 0.003 (km)

Average: 61.455 (km)

First Epoch: 37.178 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_1-5-19B_8146 [Smoothed TC Combined] - Accelerometer Bias Plot

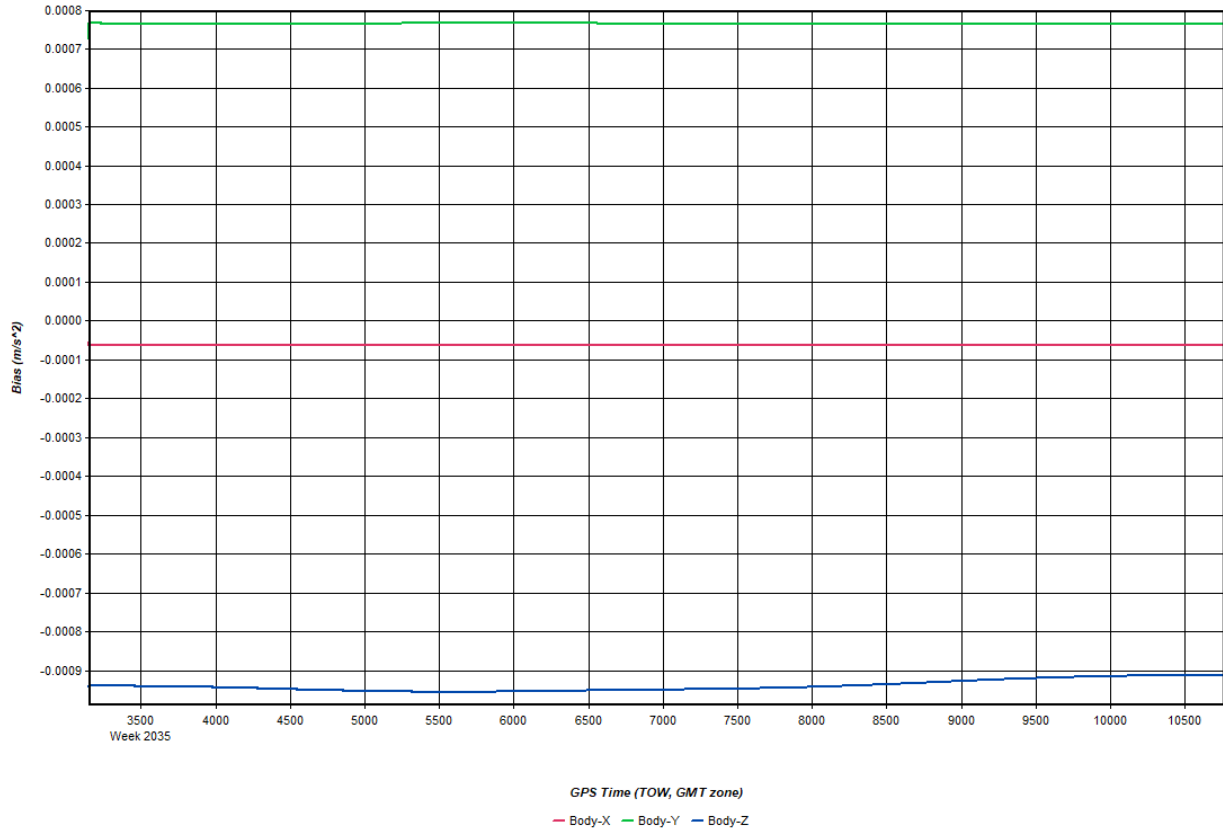
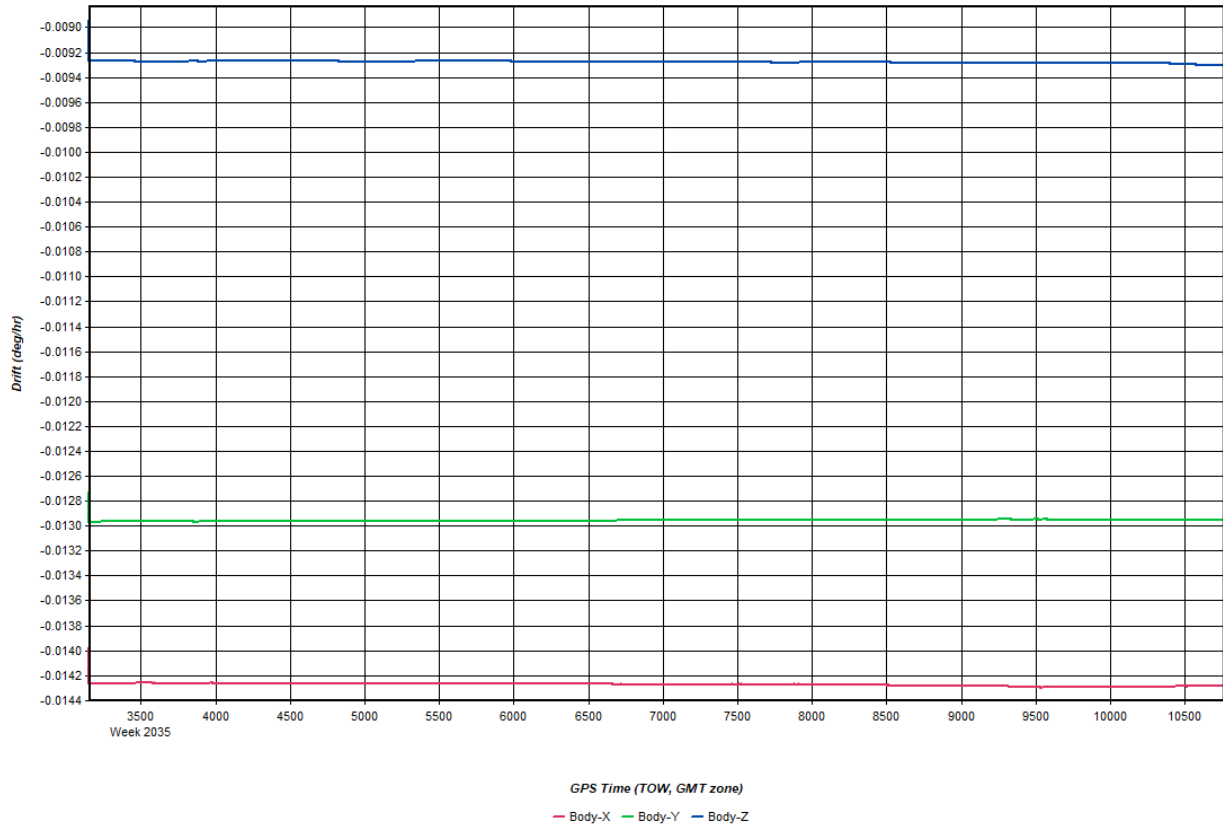


Figure 6: GW_1-5-19B_8146 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_01-06-19A_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

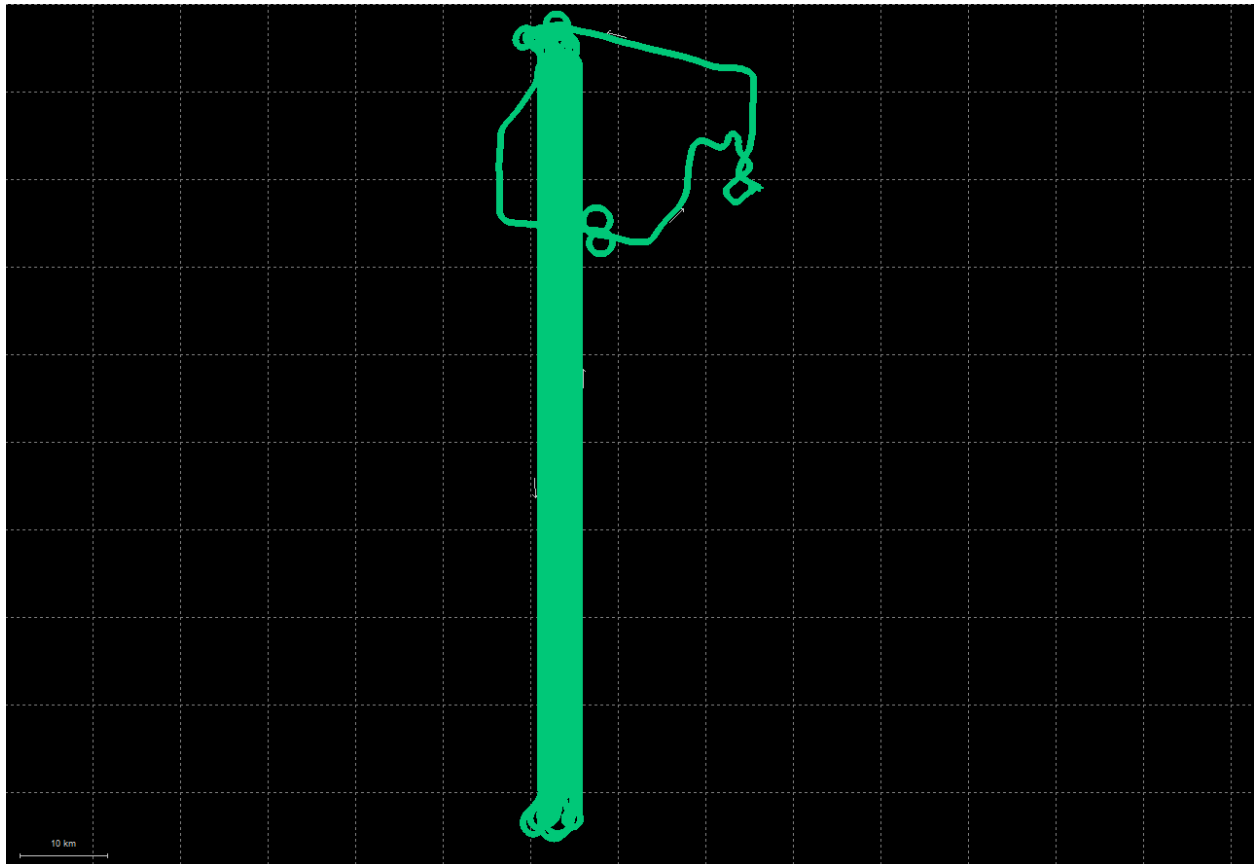


Figure 2: GW_01-06-19A_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

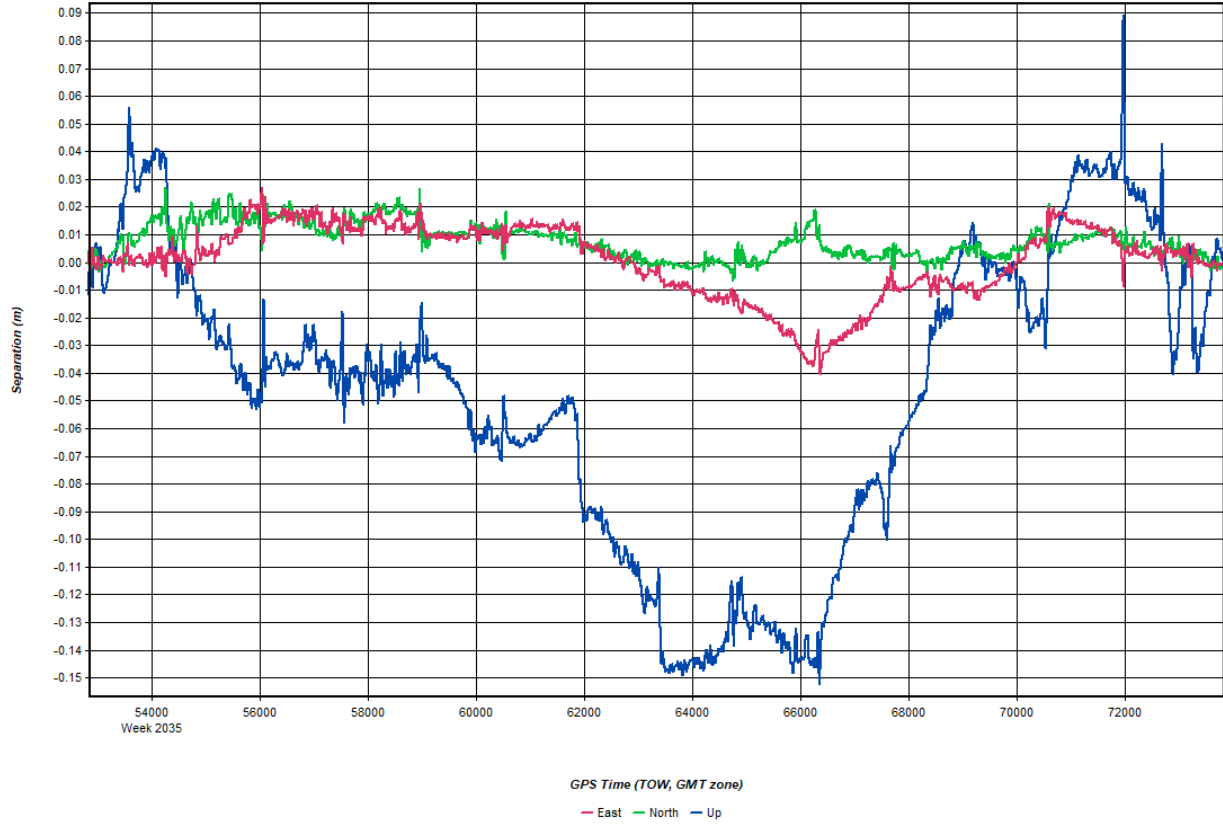


Figure 3: GW_01-06-19A_8119 [Smoothed TC Combined] - PDOP Plot

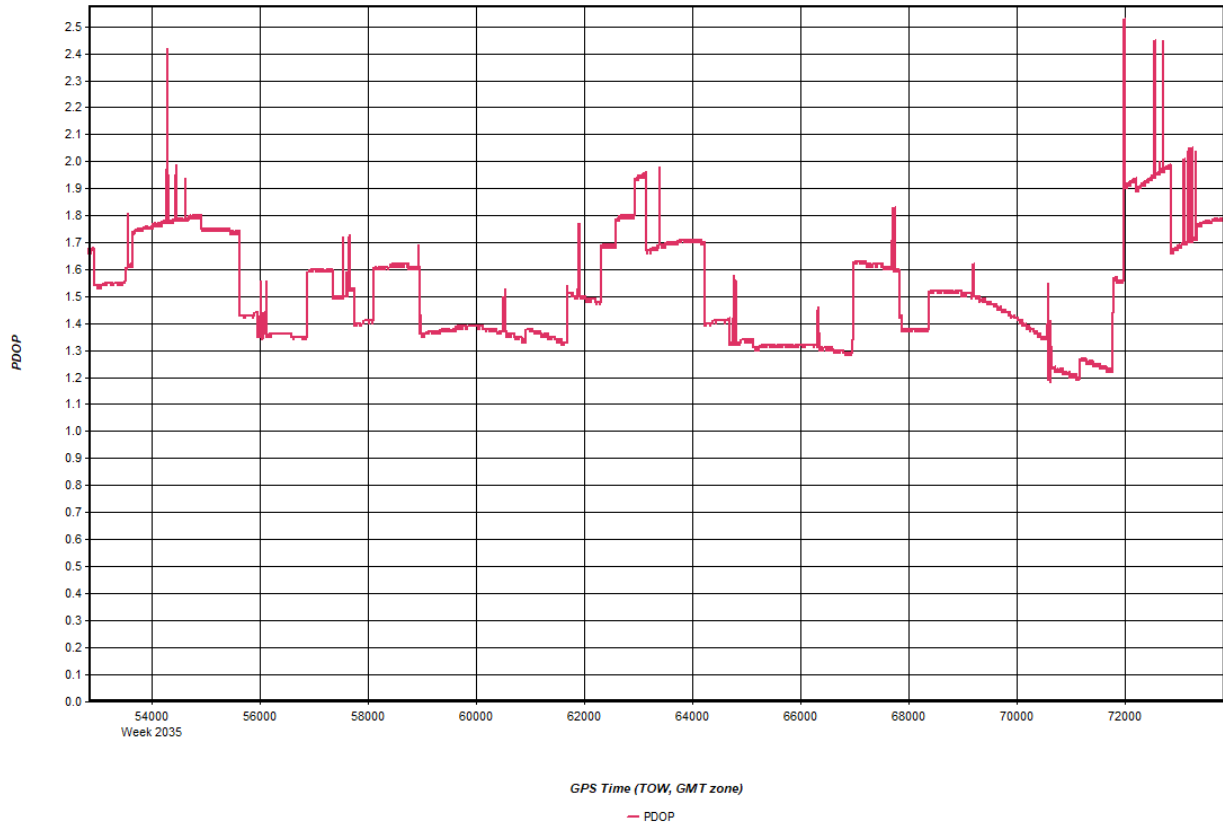
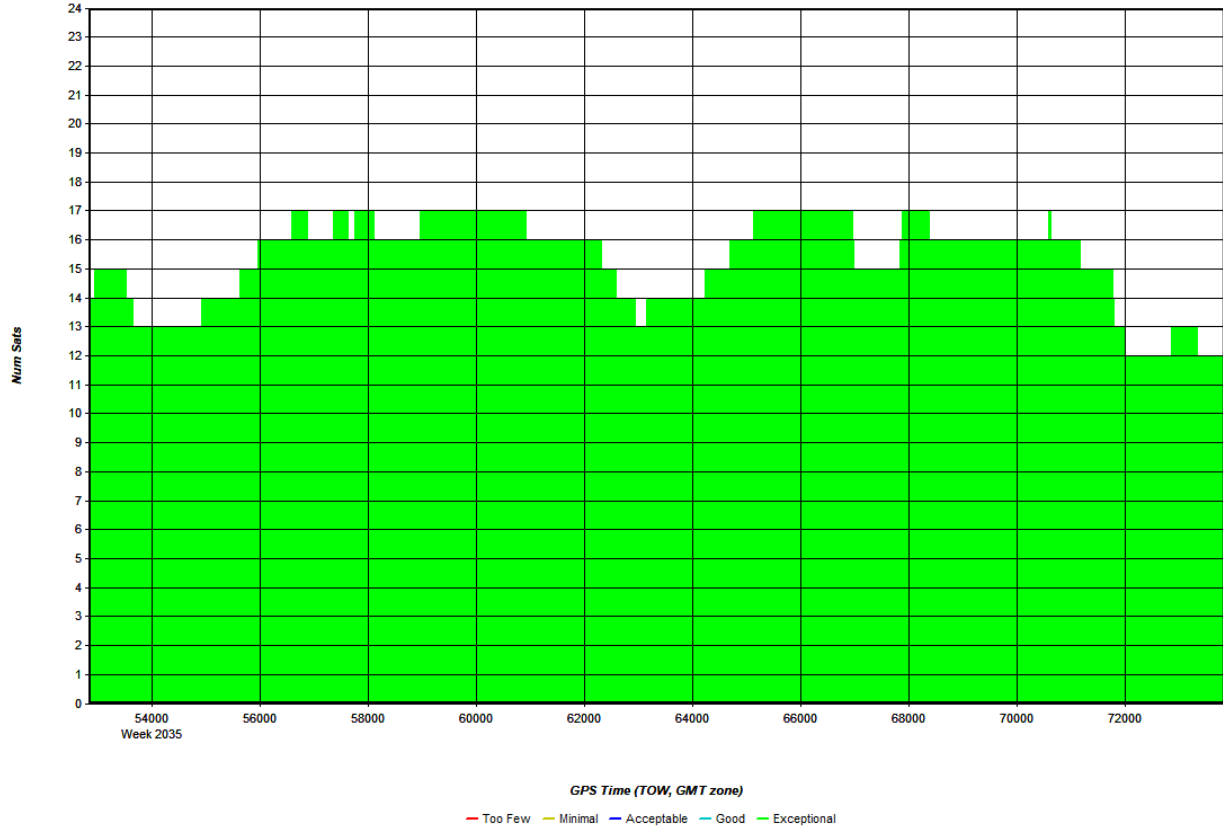


Figure 4: GW_01-06-19A_8119 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: I:\Proc\33747_FL_LiDAR\Aeroptic_recvd_1-16-19\8119_1_916WC\20190106_143956_M23\GW_01-06-19A_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 42084

No processed position: 7

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0228 (m)

C/A Code: 0.97 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.013 (m)

North: 0.010 (m)

Height: 0.071 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 77.726 (km)

Minimum: 0.001 (km)

Average: 36.019 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_01-06-19A_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

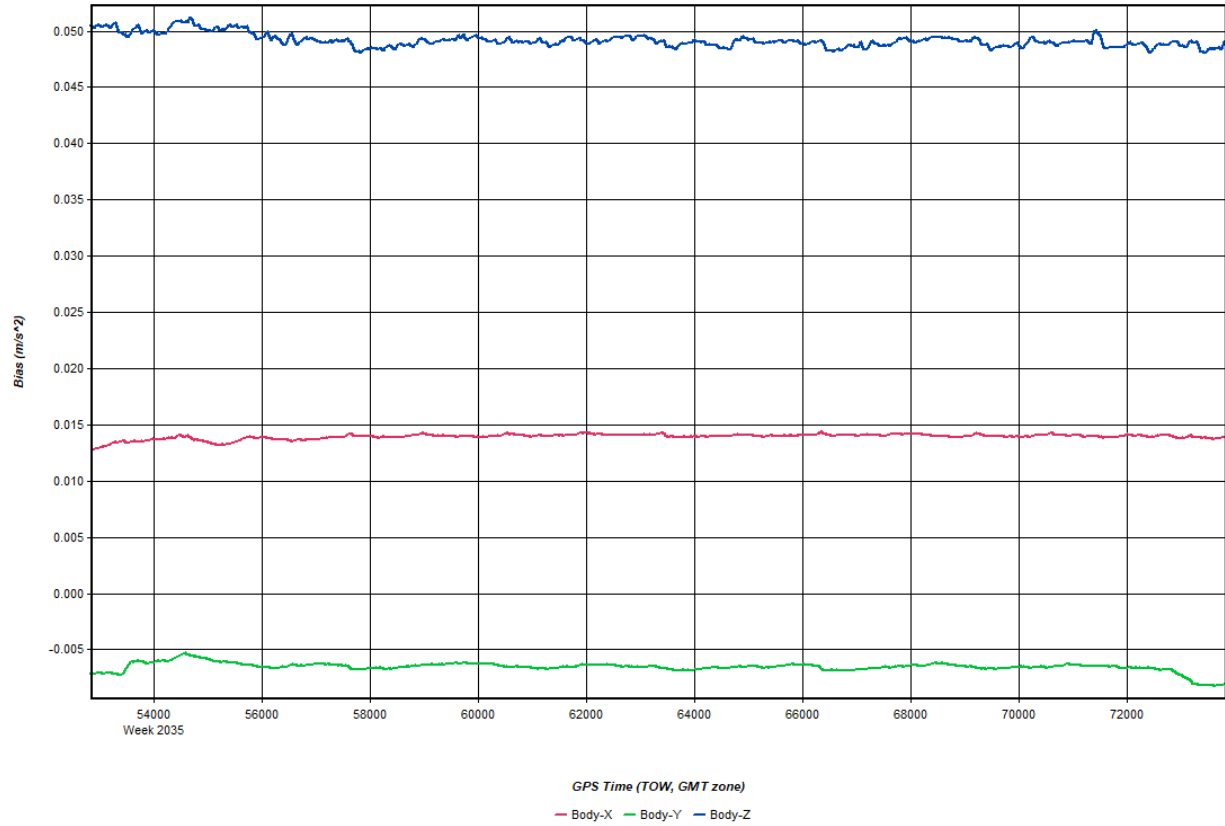


Figure 6: GW_01-06-19A_8119 [Smoothed TC Combined] - Gyro Drift Plot

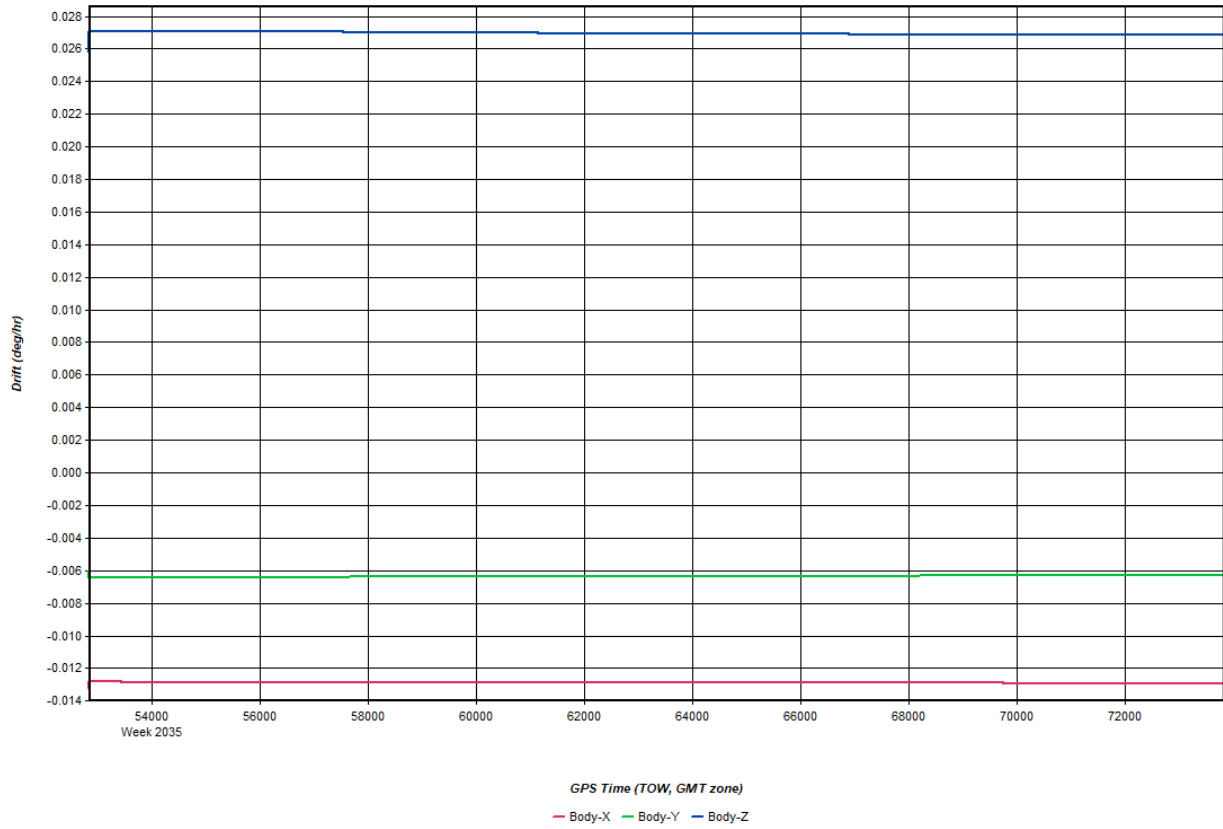


Figure 2: GW_QC_1-6-19B_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

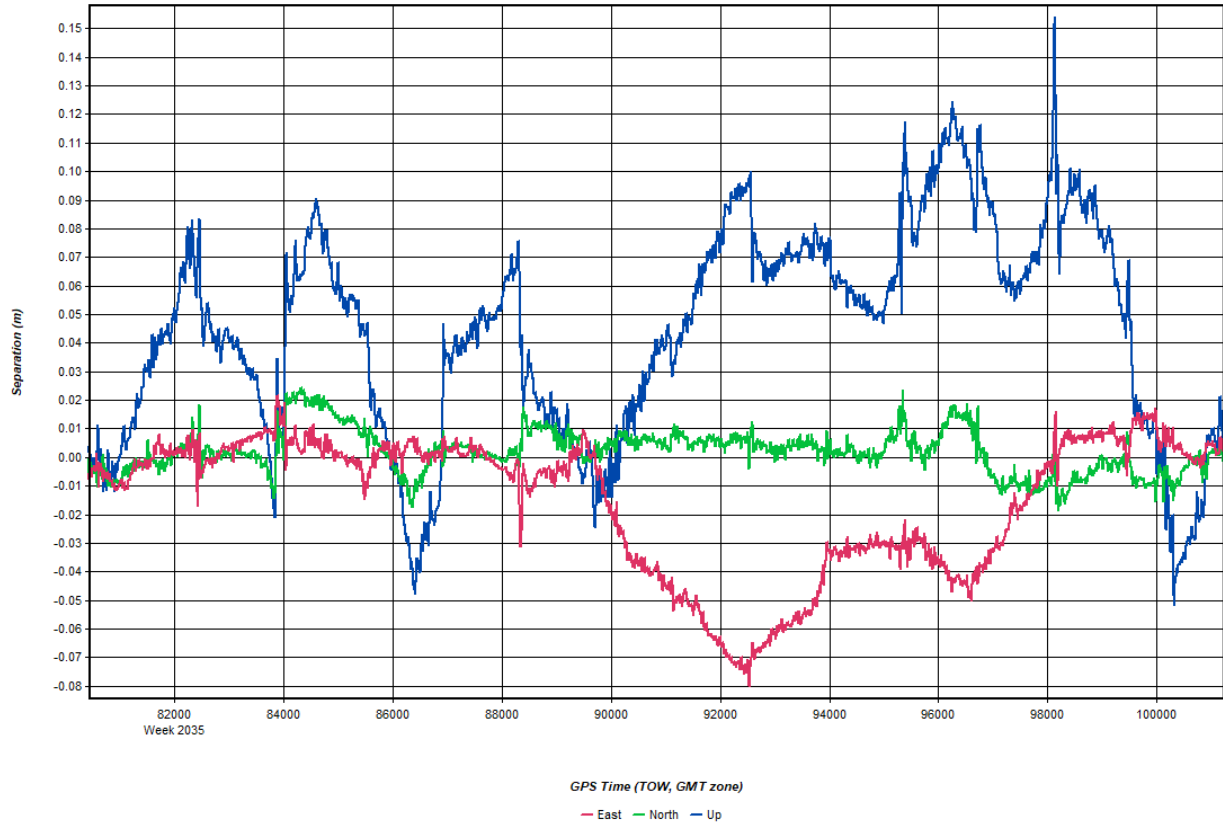


Figure 3: GW_QC_1-6-19B_8119 [Smoothed TC Combined] - PDOP Plot

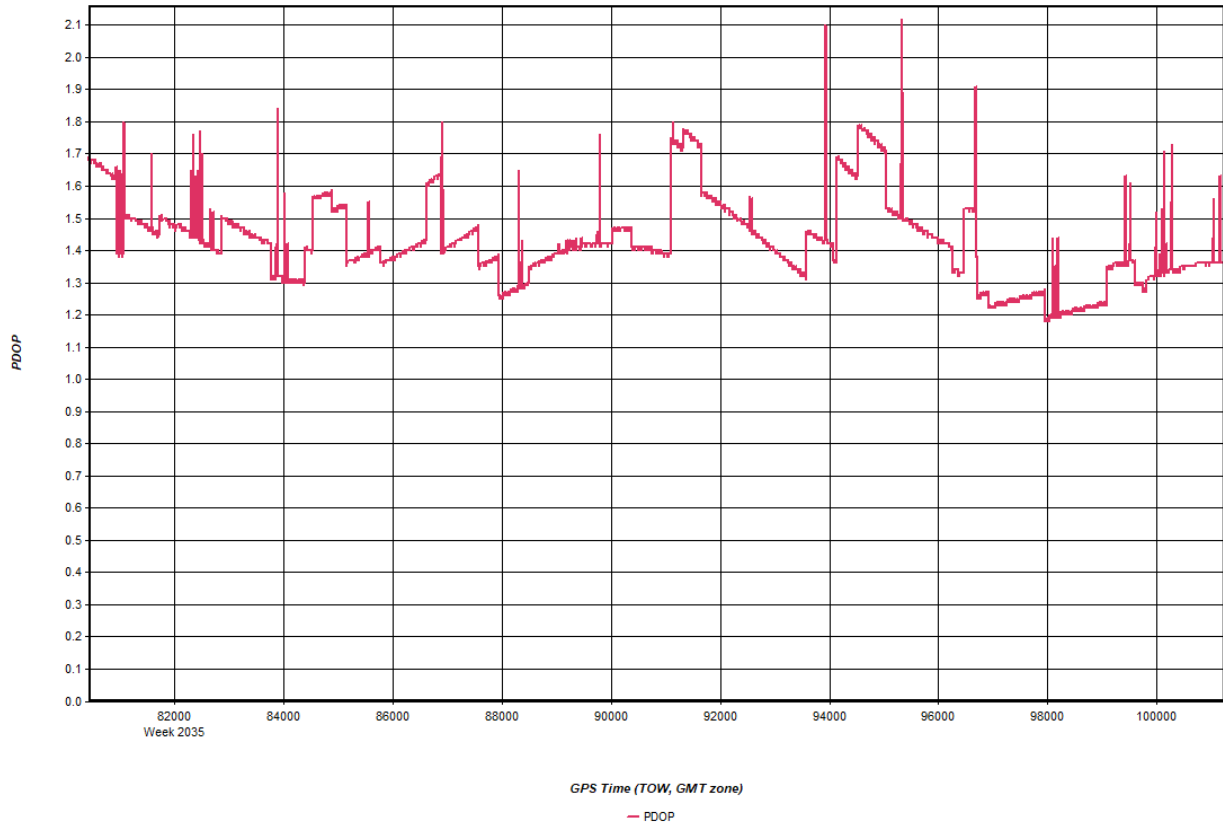
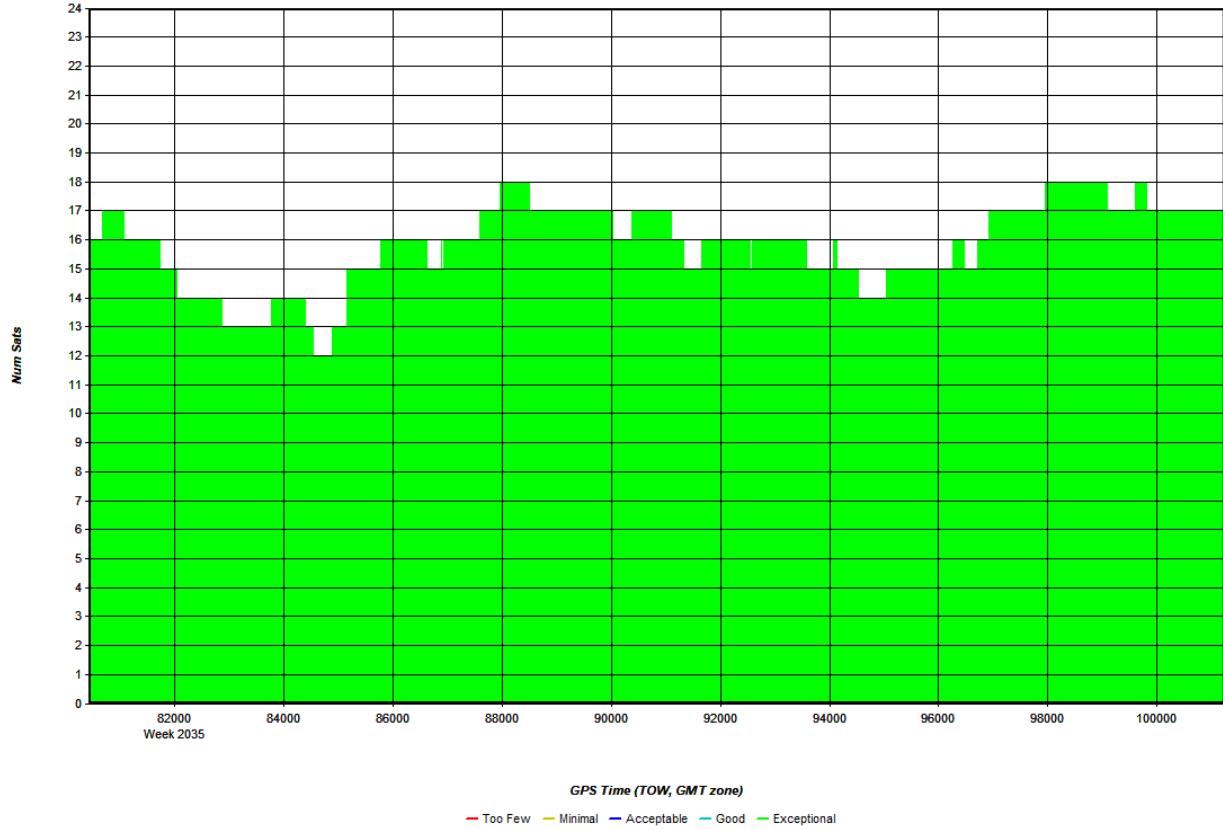


Figure 4: GW_QC_1-6-19B_8119 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Aeroptic_recvd_1-16-19\8119_2_916WC\20190106_221859_M24\GW_QC_1-6-19B_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 41655

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0200 (m)

C/A Code: 0.84 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.028 (m)

North: 0.008 (m)

Height: 0.058 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 82.225 (km)

Minimum: 0.001 (km)

Average: 36.002 (km)

First Epoch: 0.001 (km)

Last Epoch: 0.022 (km)

Figure 5: GW_QC_1-6-19B_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

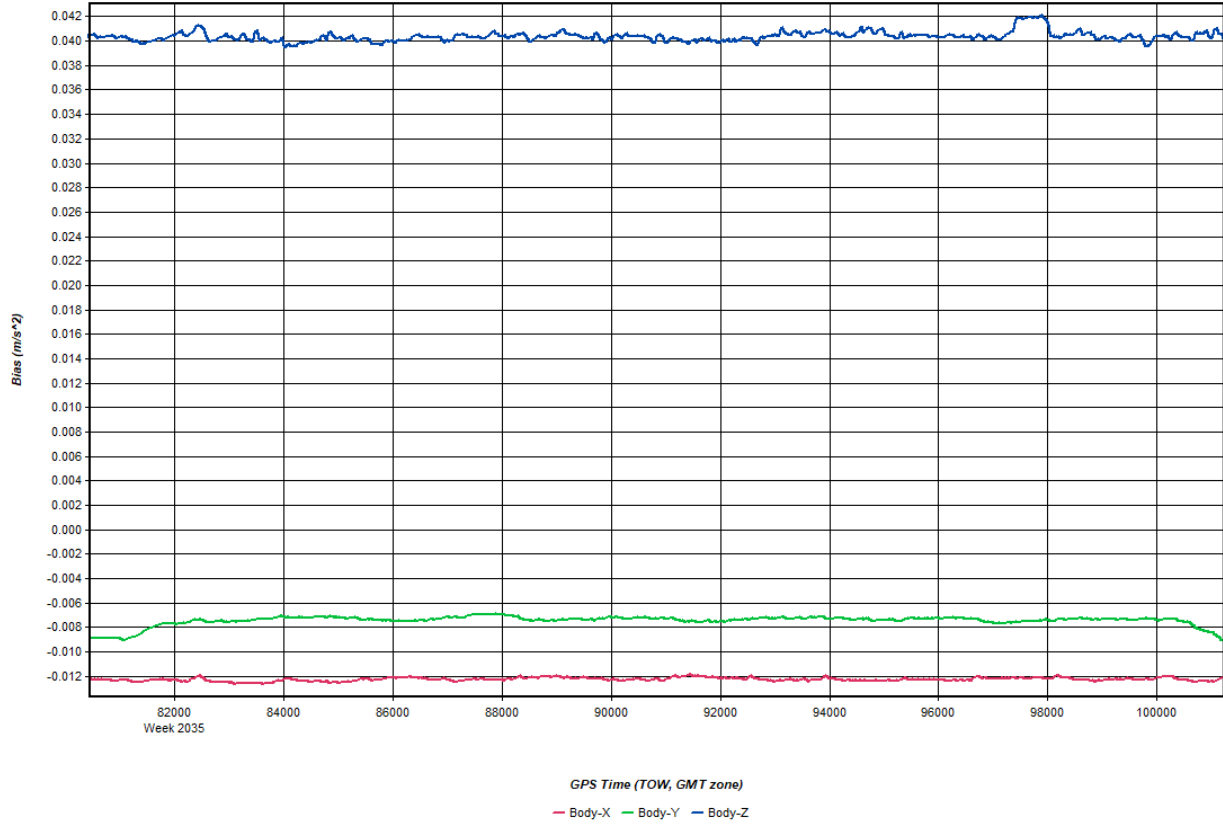
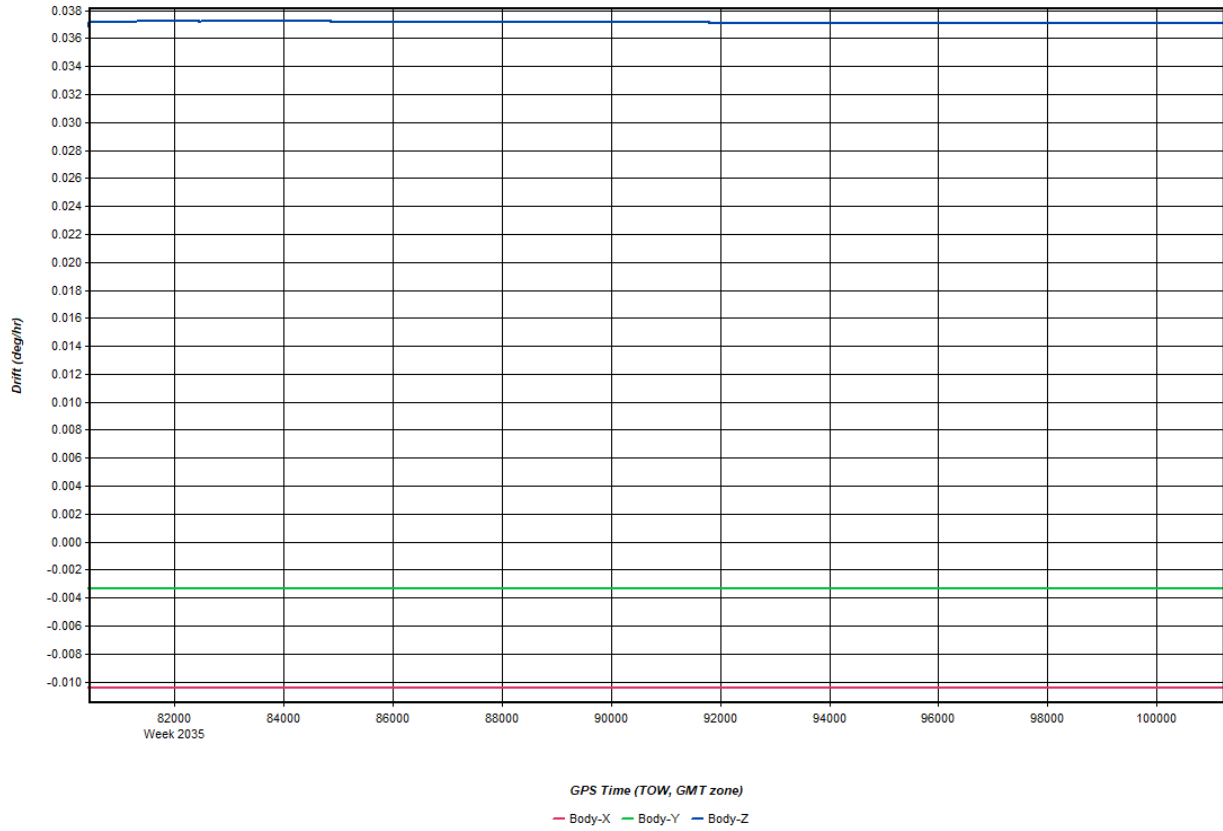


Figure 6: GW_QC_1-6-19B_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-9-19A_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

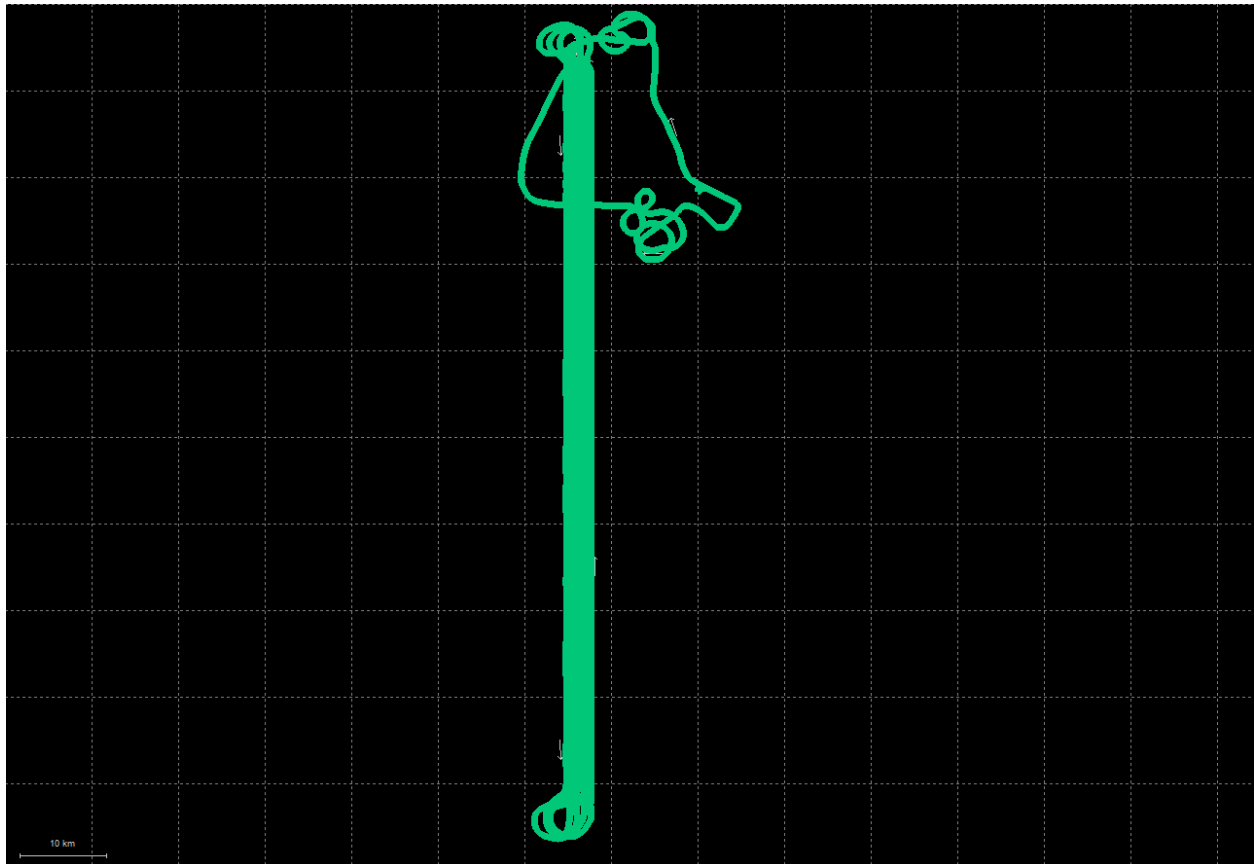


Figure 2: GW_QC_1-9-19A_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

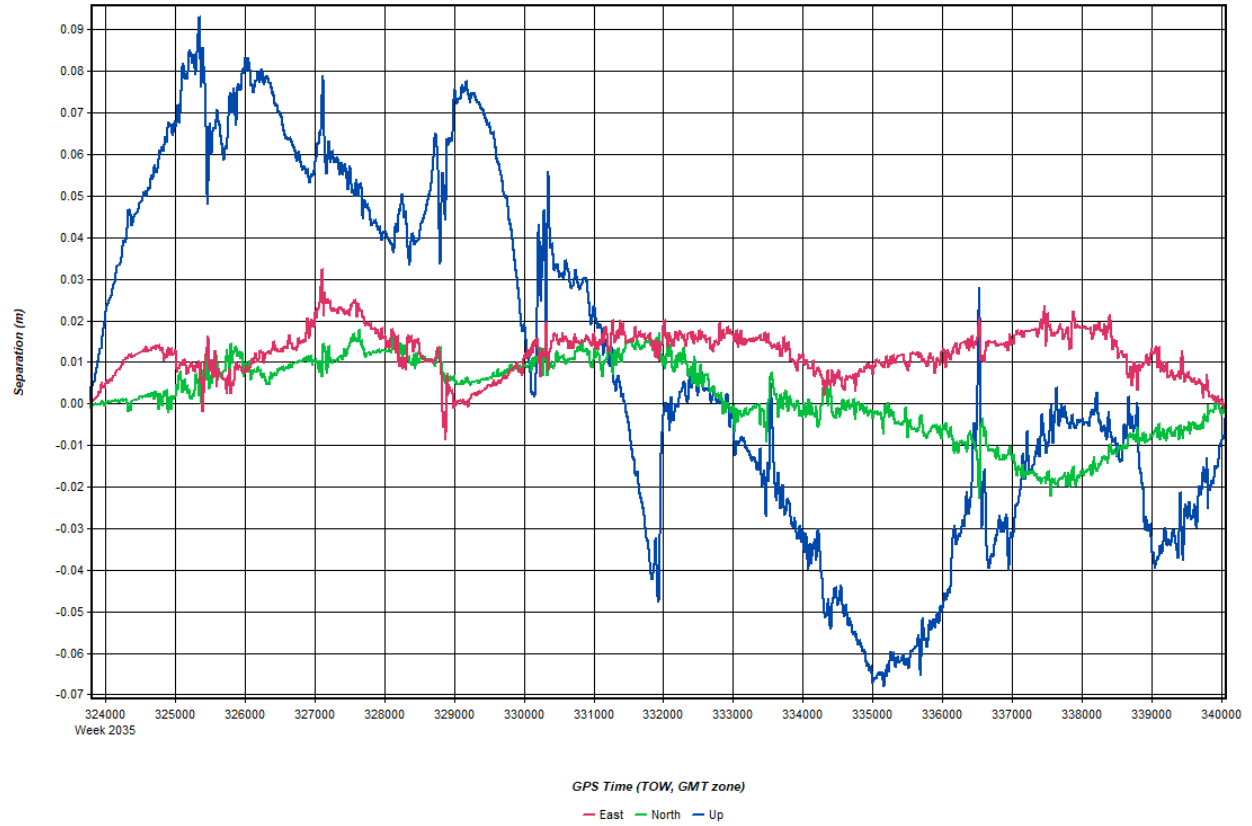


Figure 3: GW_QC_1-9-19A_8119 [Smoothed TC Combined] - PDOP Plot

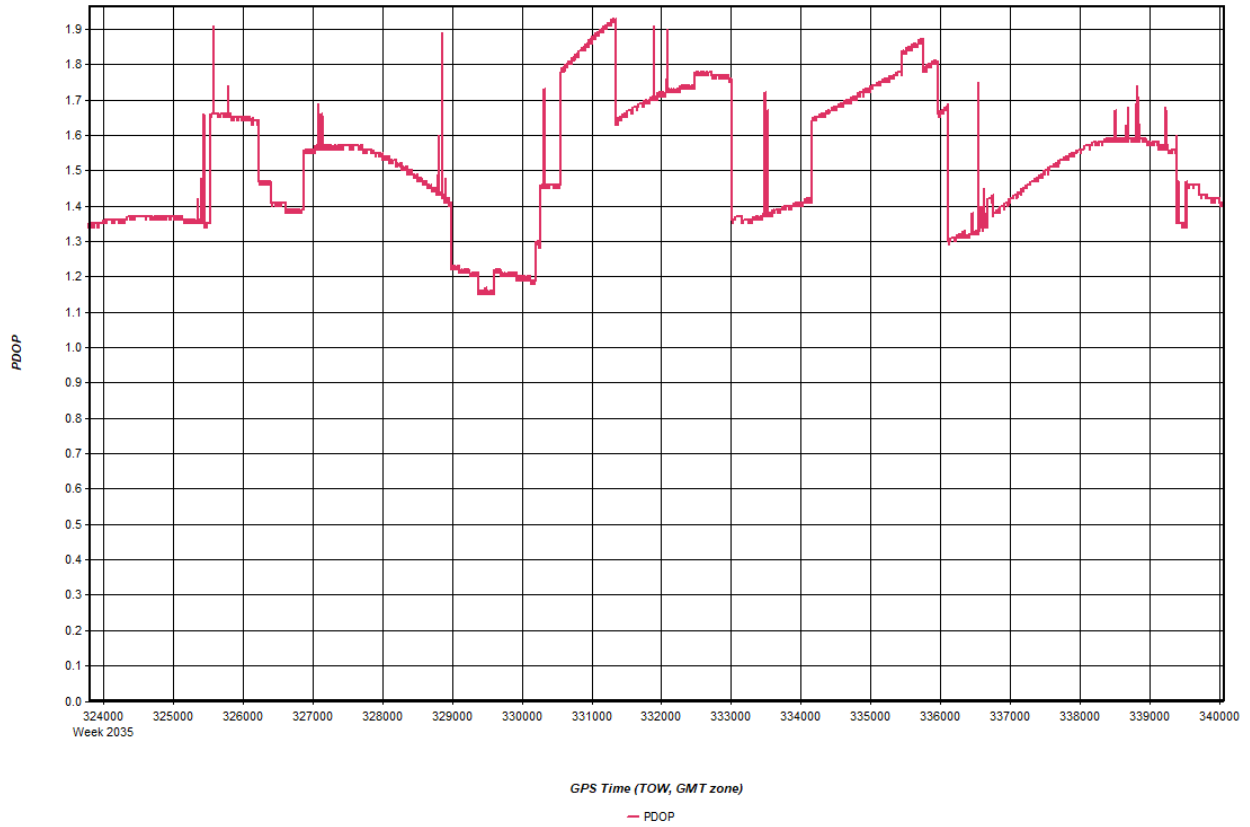
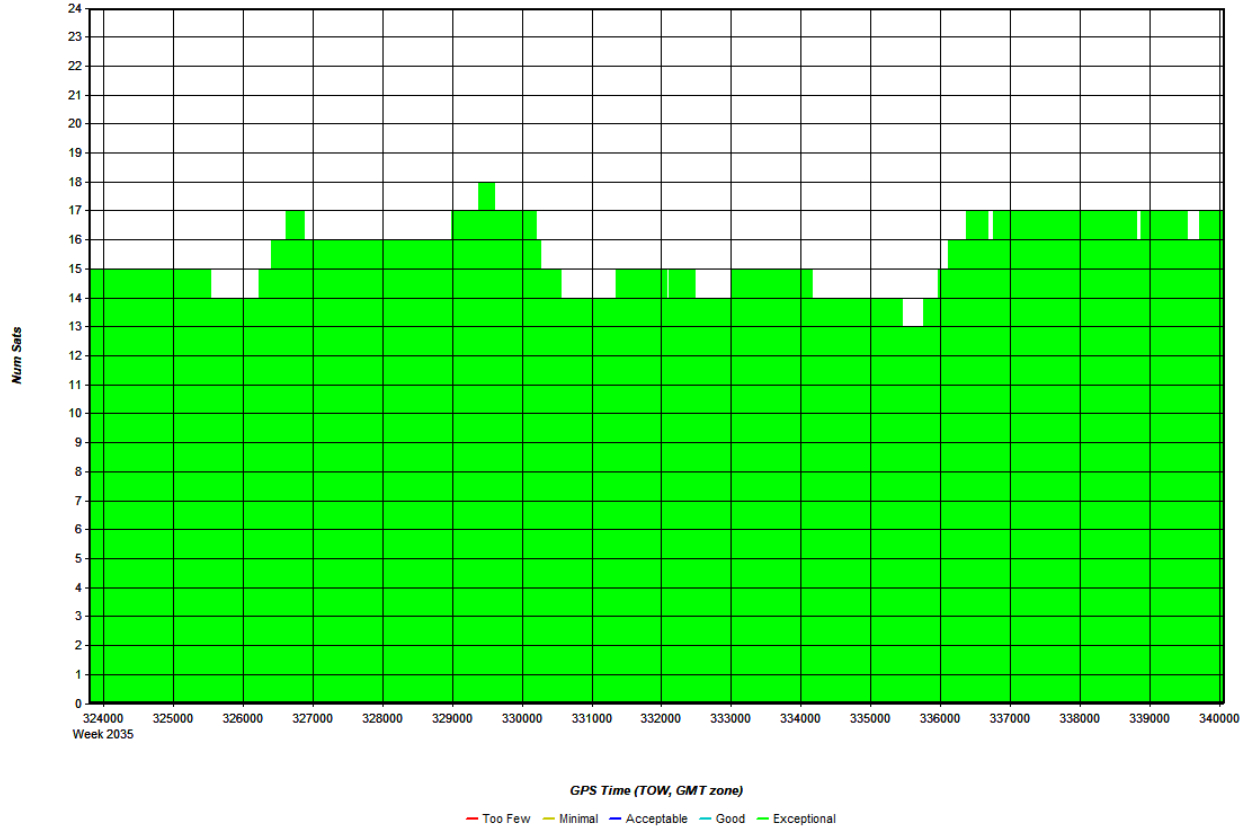


Figure 4: GW_QC_1-9-19A_8119 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Aeroptic_recvd_1-16-19\8119_1_916WC\20190109_175512_M25\GW_QC_1-9-19A_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 32582

No processed position: 7

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0196 (m)

C/A Code: 0.89 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.013 (m)

North: 0.009 (m)

Height: 0.044 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 76.559 (km)

Minimum: 0.001 (km)

Average: 30.267 (km)

First Epoch: 0.005 (km)

Last Epoch: 0.001 (km)

Figure 5: GW_QC_1-9-19A_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

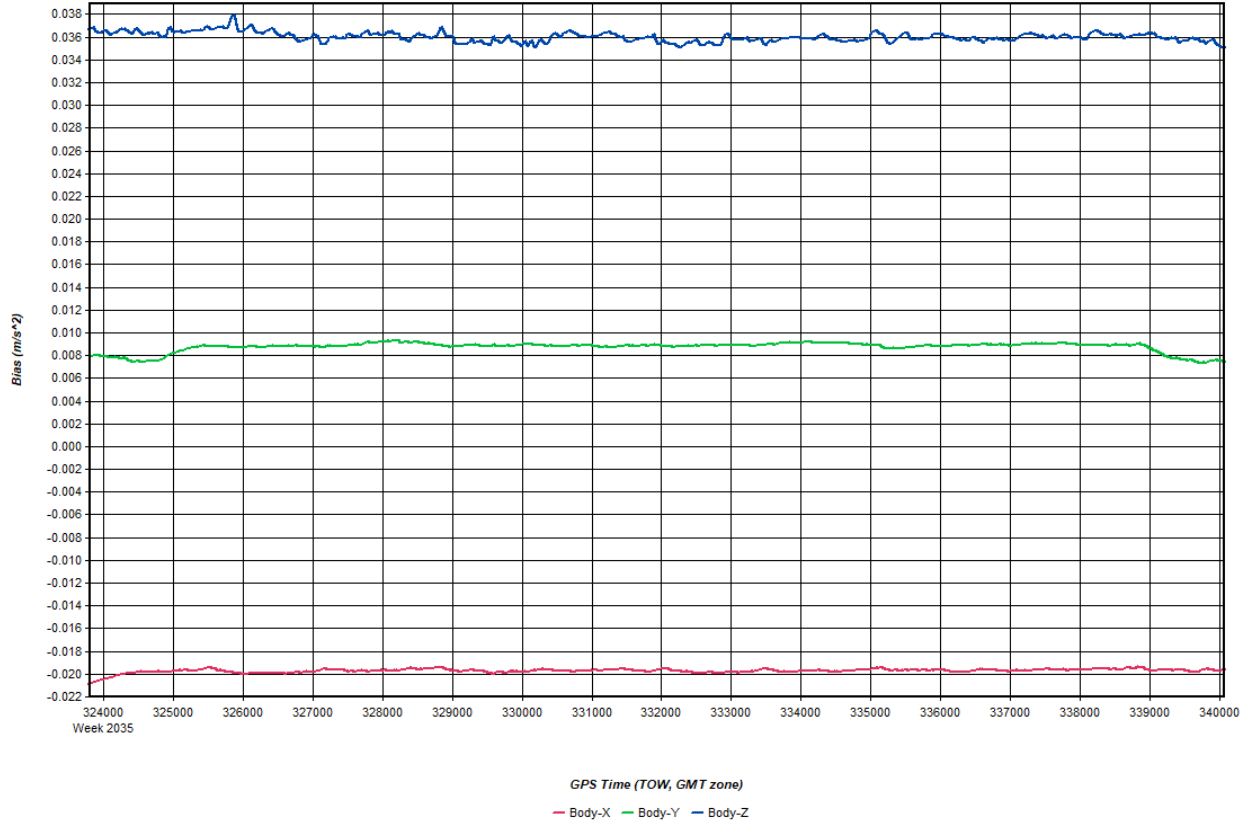
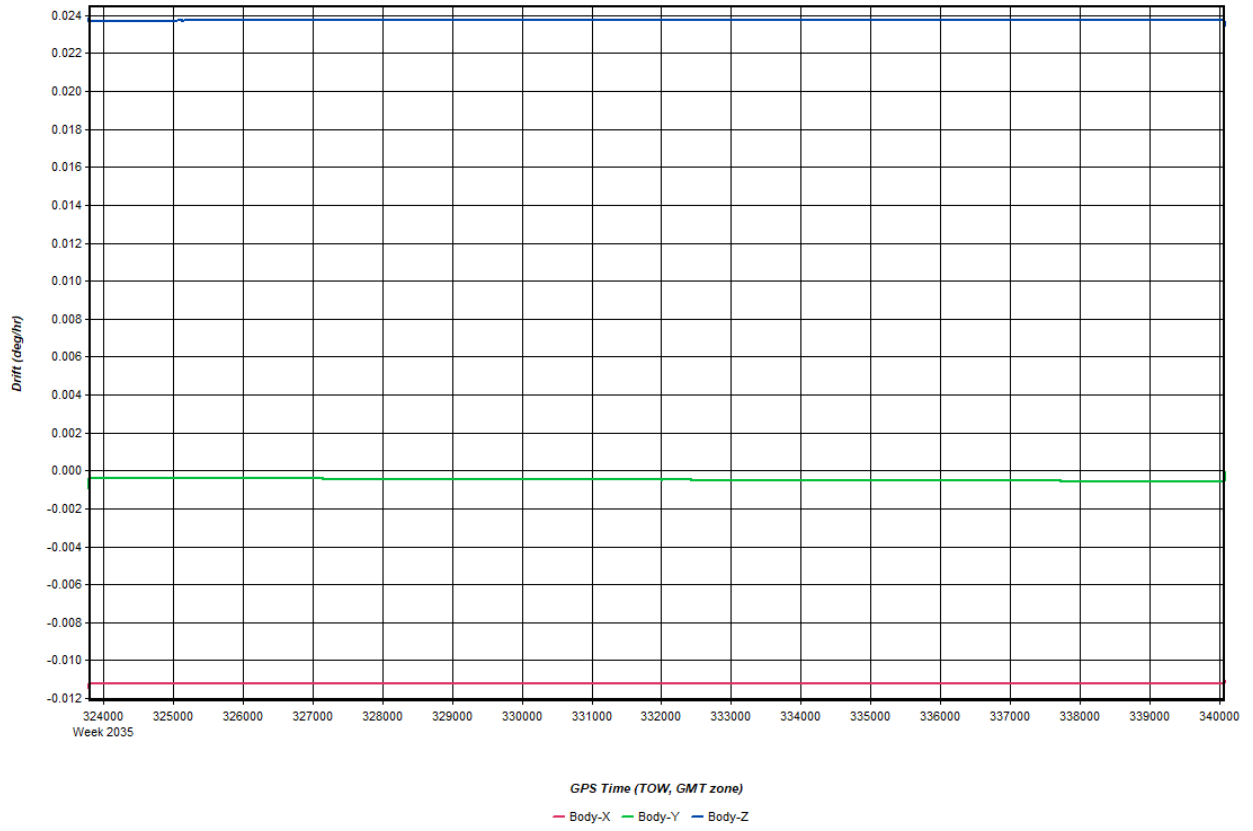


Figure 6: GW_QC_1-9-19A_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_01-11-19A_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

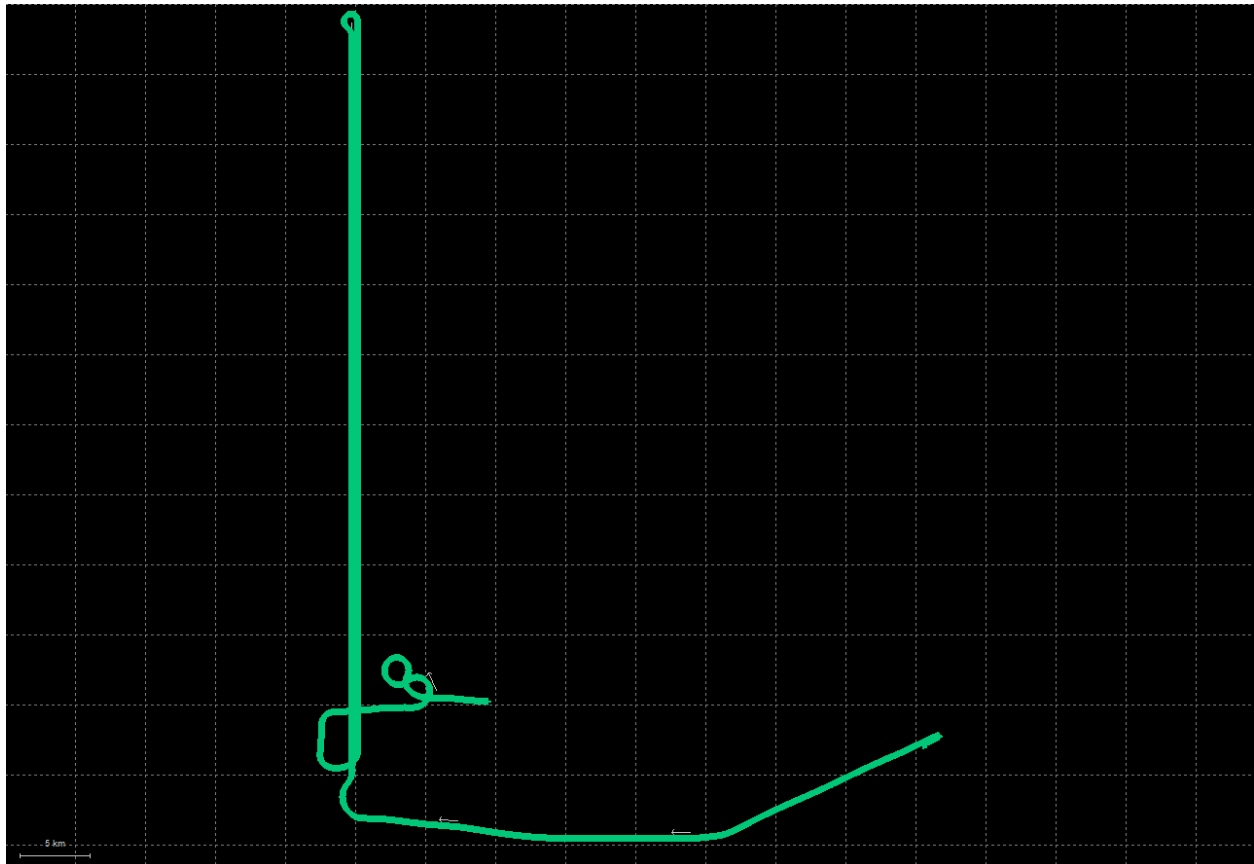


Figure 2: GW_QC_01-11-19A_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

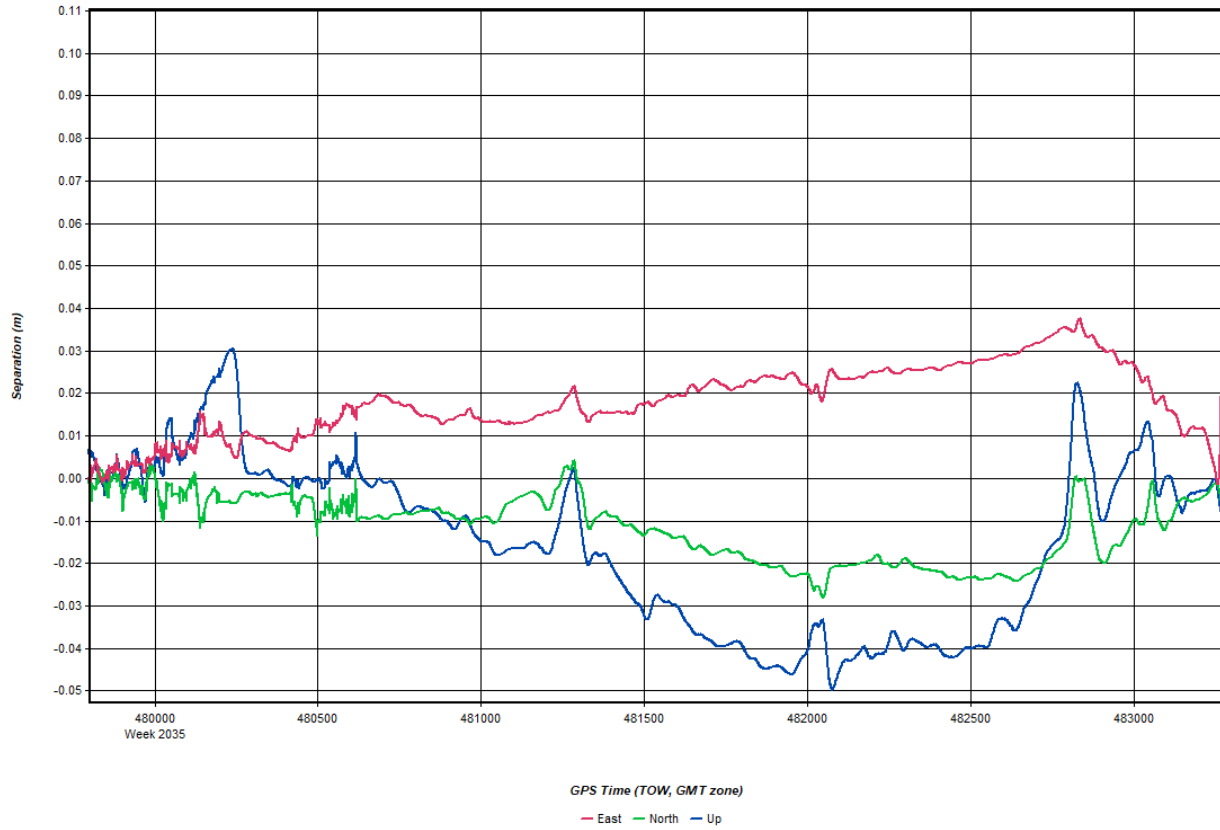


Figure 3: GW_QC_01-11-19A_8239 [Smoothed TC Combined] - PDOP Plot

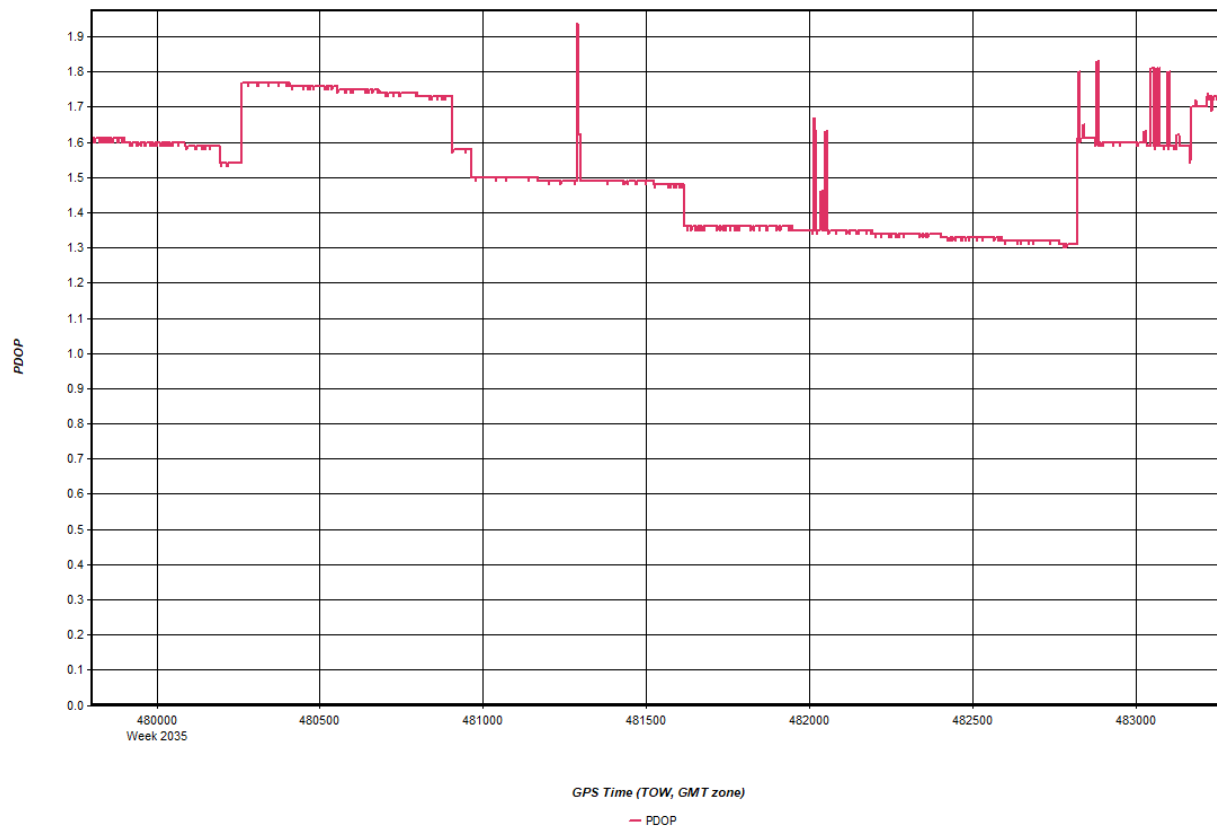
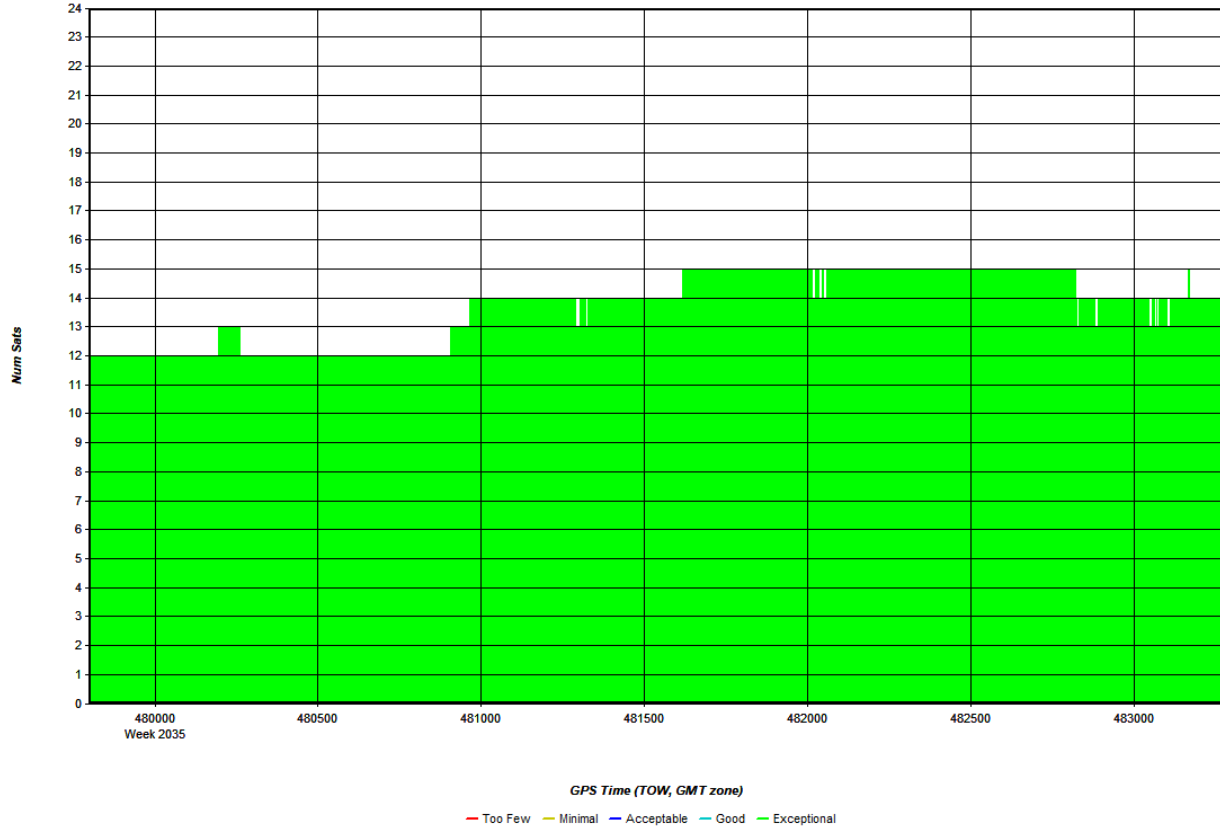


Figure 4: GW_QC_01-11-19A_8239 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Jim_Swinford_Recvd_1-14-

19\33747_01112019_A_8239_N704MD\20190111_131445\GW_QC_01-11-19A_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 6968

No processed position: 7

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0102 (m)

C/A Code: 1.08 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.020 (m)

North: 0.014 (m)

Height: 0.025 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 56.195 (km)

Minimum: 0.002 (km)

Average: 25.197 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.059 (km)

Figure 5: GW_QC_01-11-19A_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

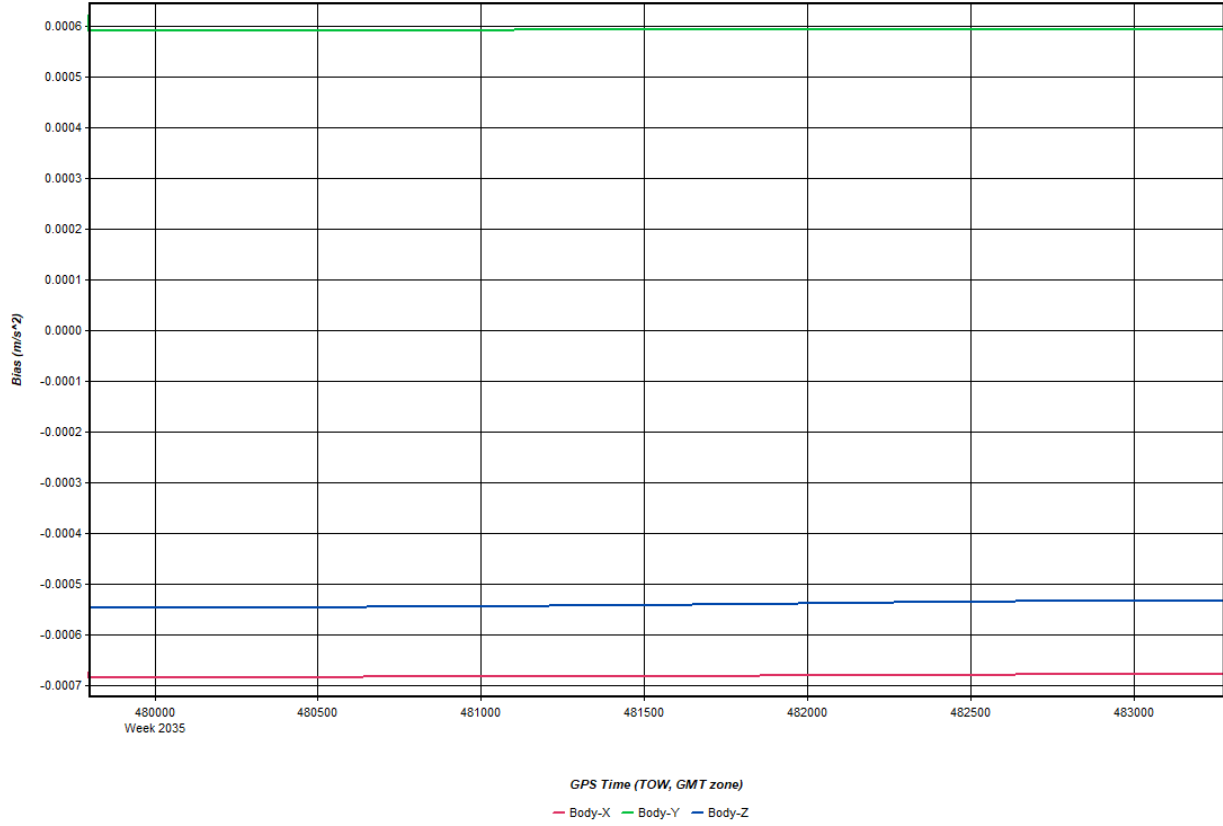
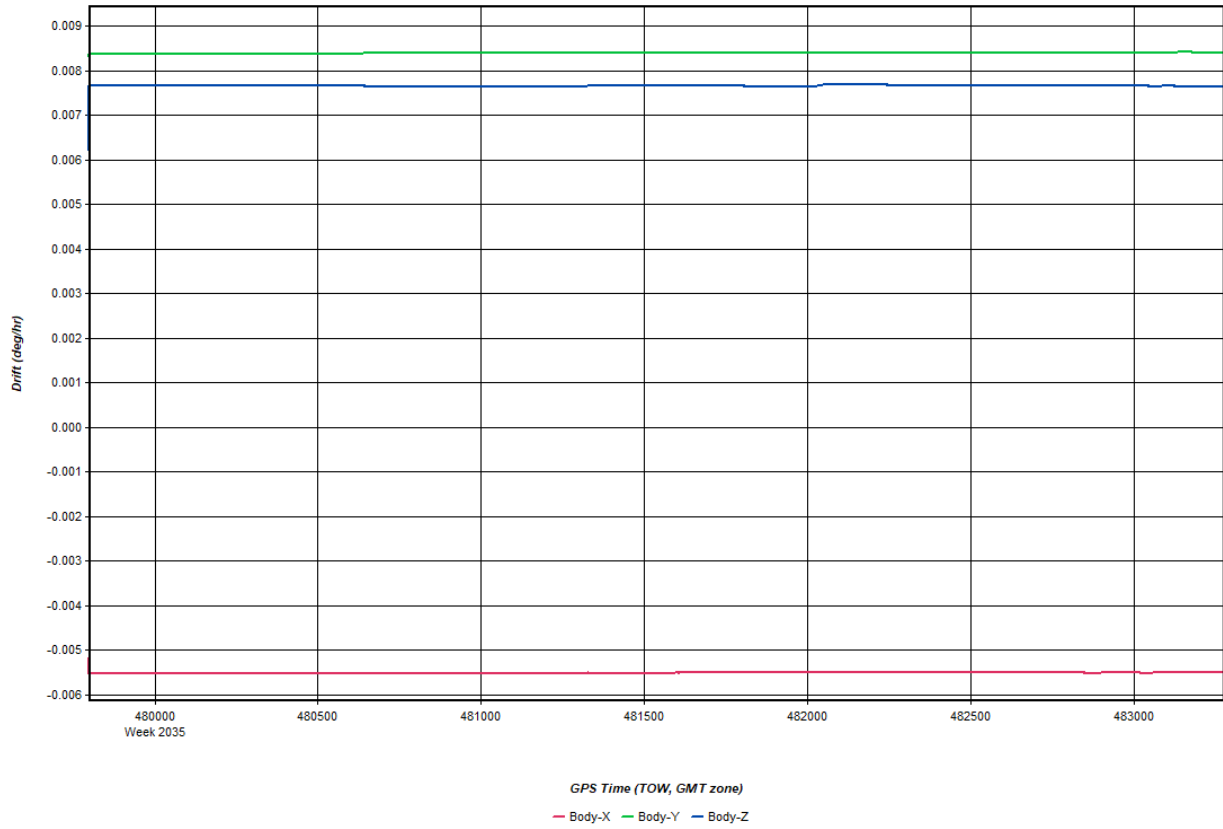


Figure 6: GW_QC_01-11-19A_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_011119B_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

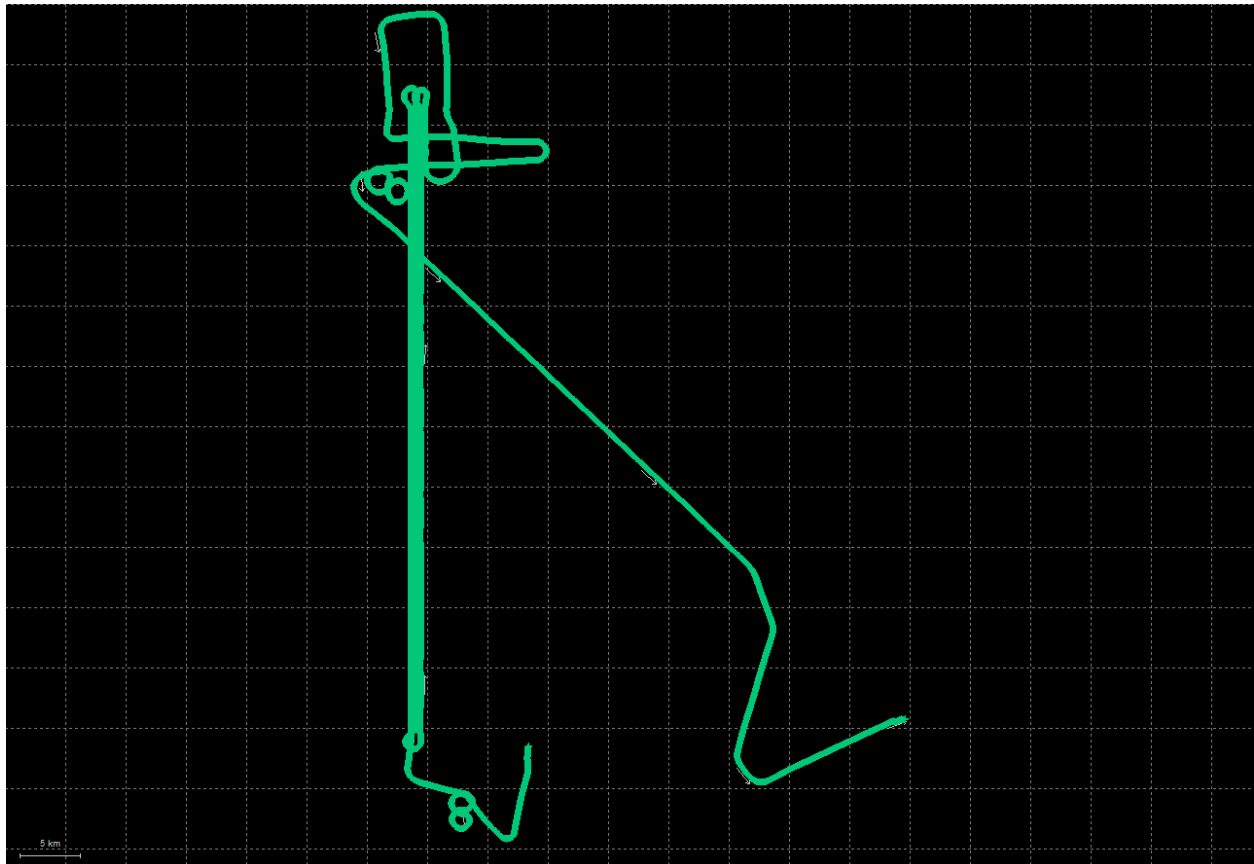


Figure 2: GW_QC_011119B_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

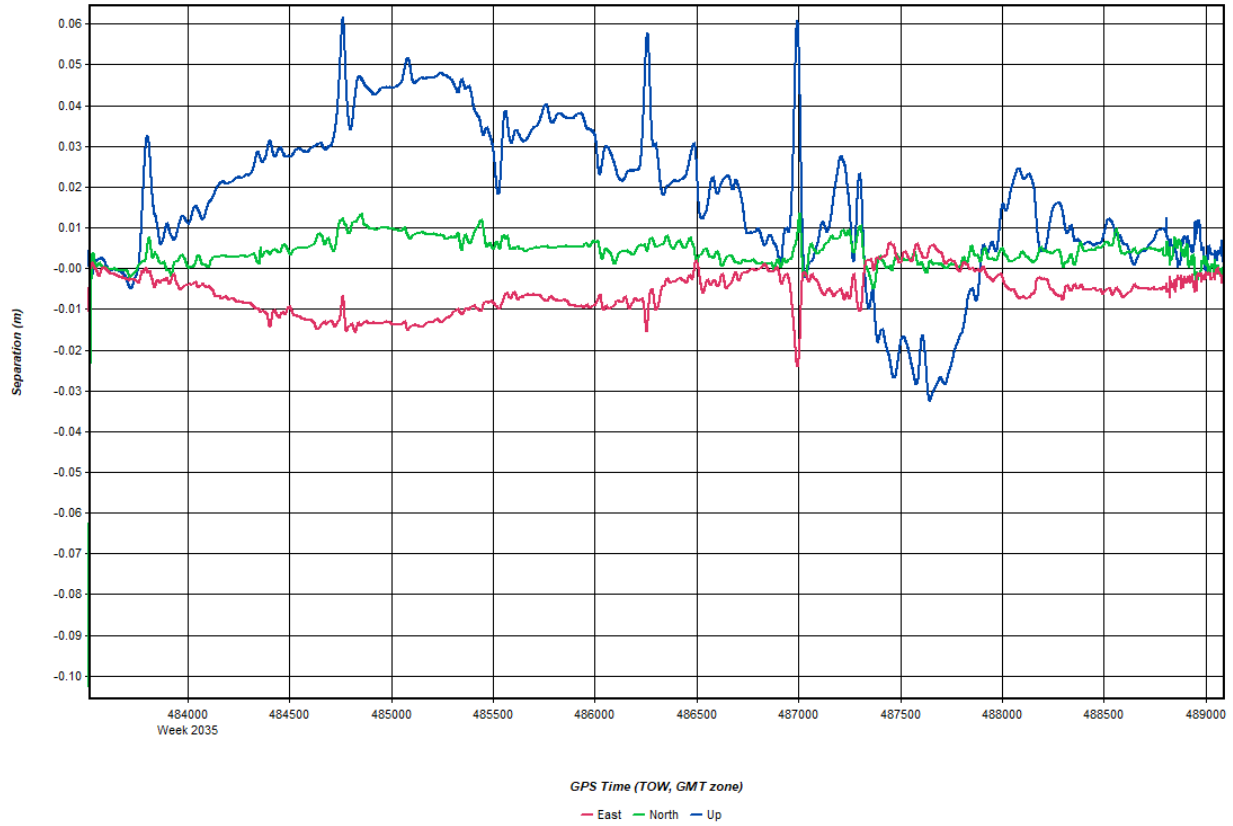


Figure 3: GW_QC_011119B_8239 [Smoothed TC Combined] - PDOP Plot

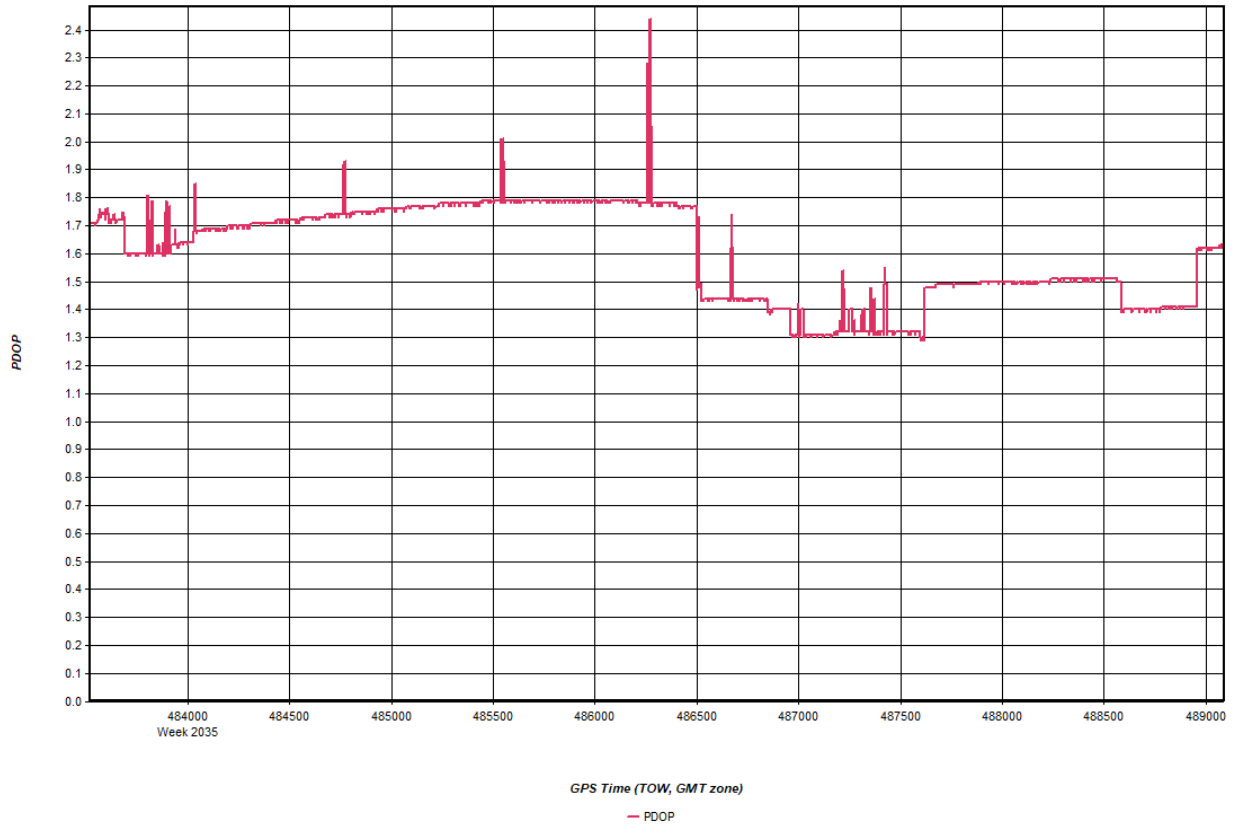
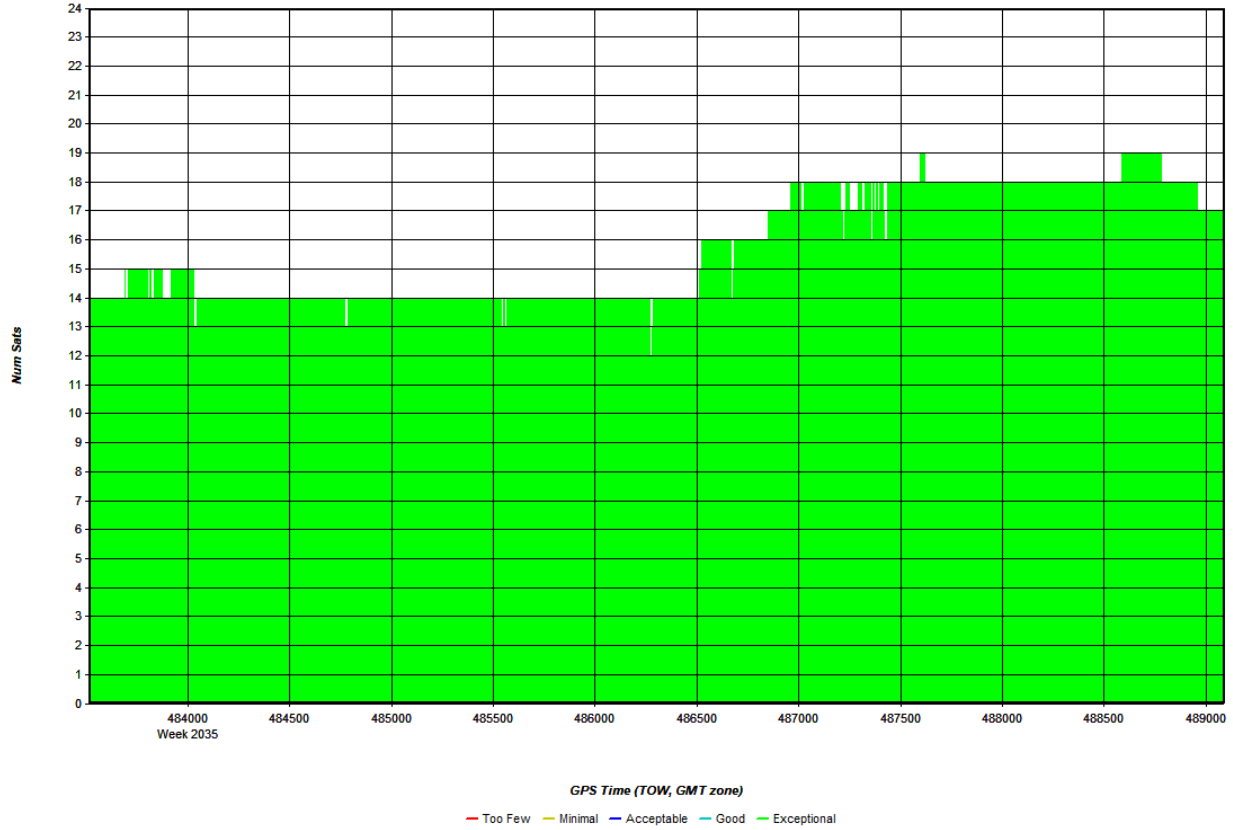


Figure 4: GW_QC_011119B_8239 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Jim_Swinford_Recvd_1-14-19\33747_01112019_A_8239_N704MD\20190111_141702\GW_QC_011119B_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 11173

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0115 (m)

C/A Code: 1.34 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.008 (m)

North: 0.006 (m)

Height: 0.026 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 64.195 (km)

Minimum: 0.002 (km)

Average: 34.159 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_011119B_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

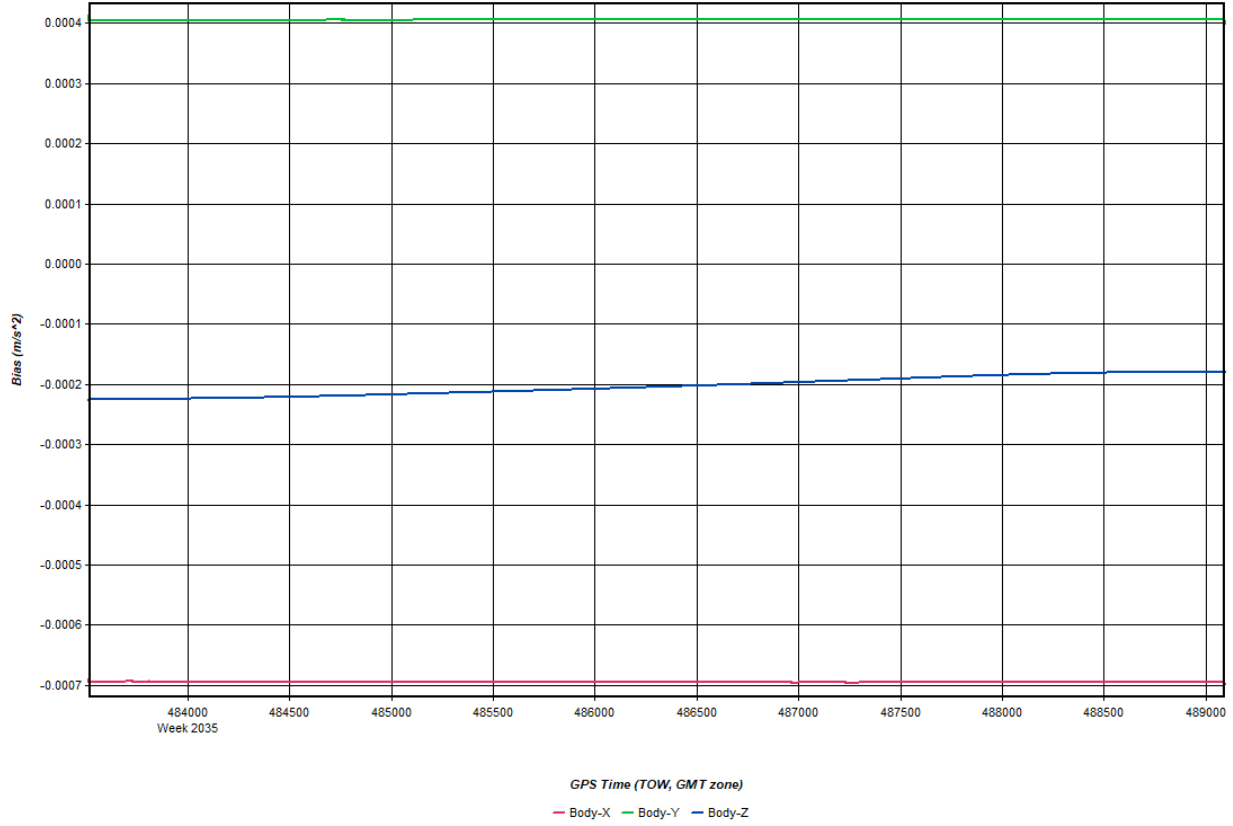
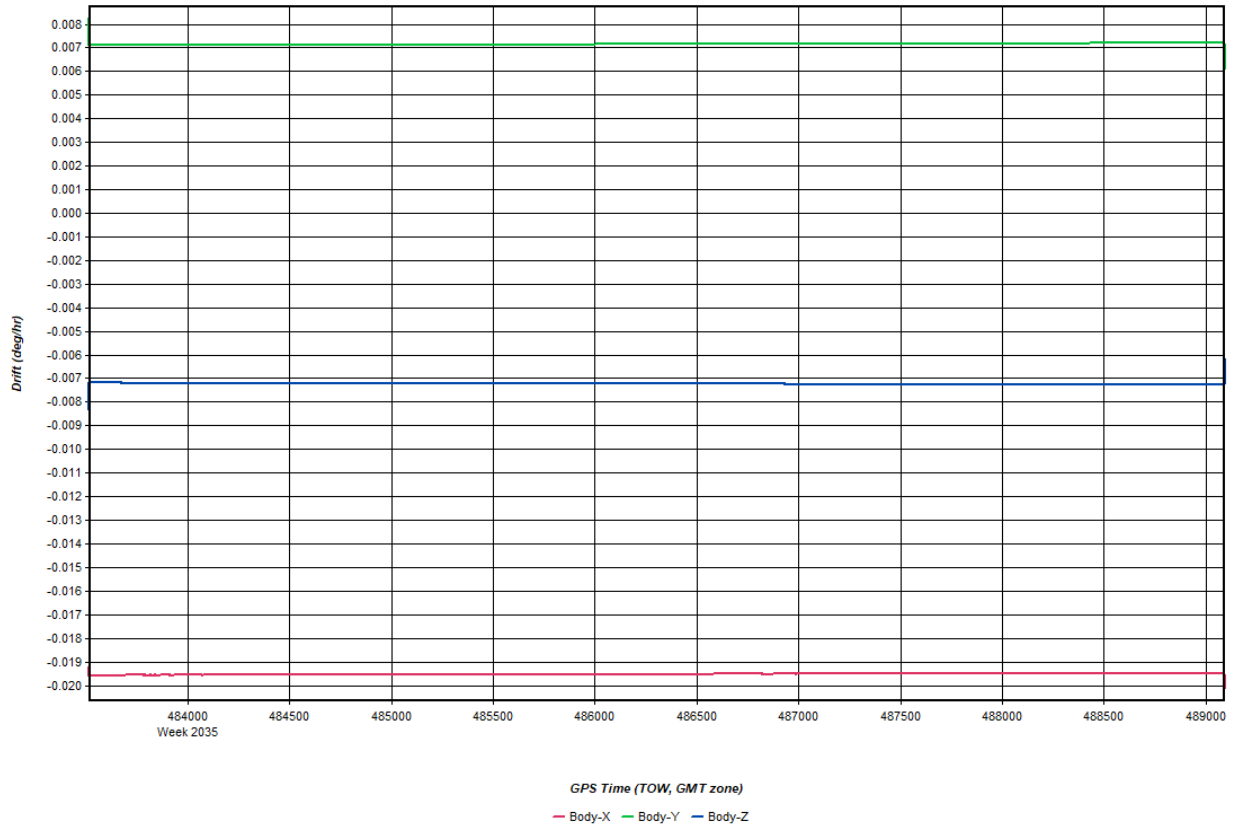


Figure 6: GW_QC_011119B_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_01-12-19A_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

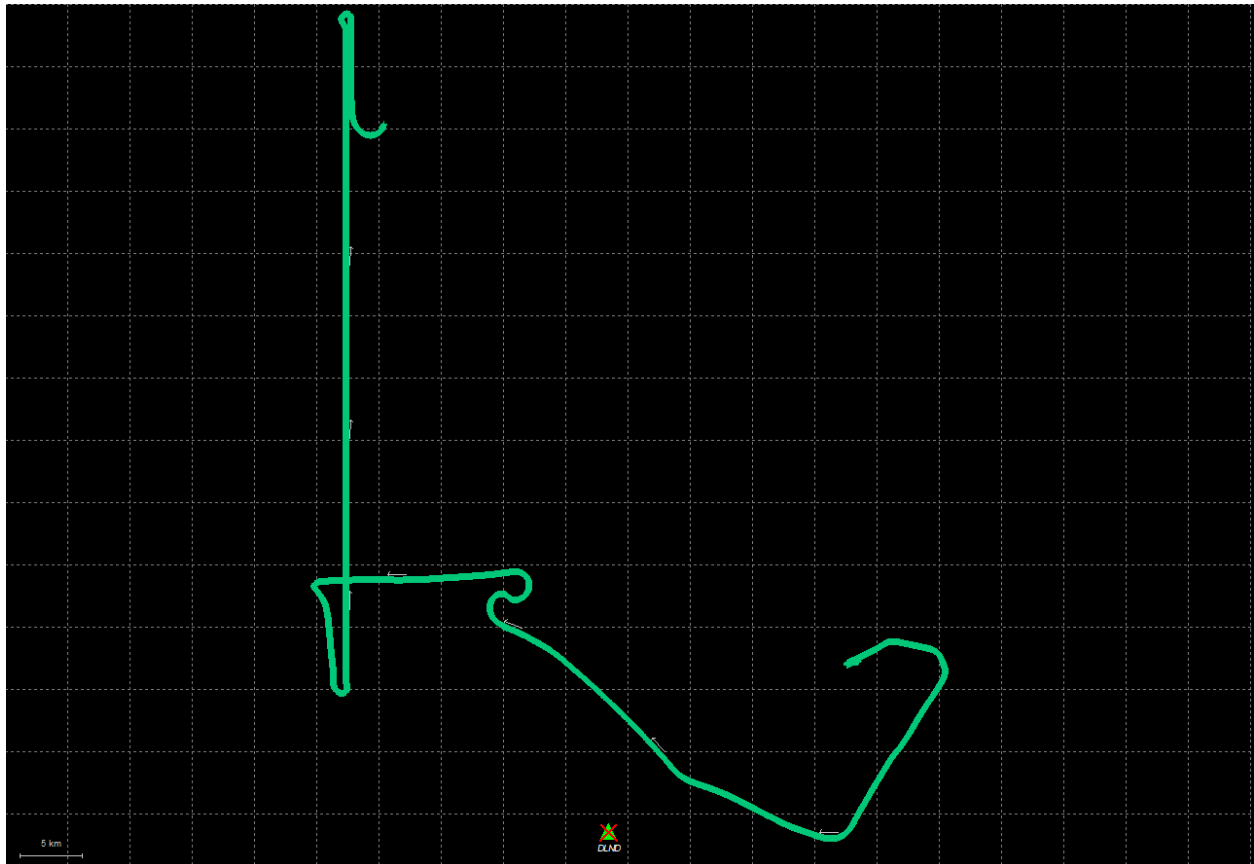


Figure 2: GW_QC_01-12-19A_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

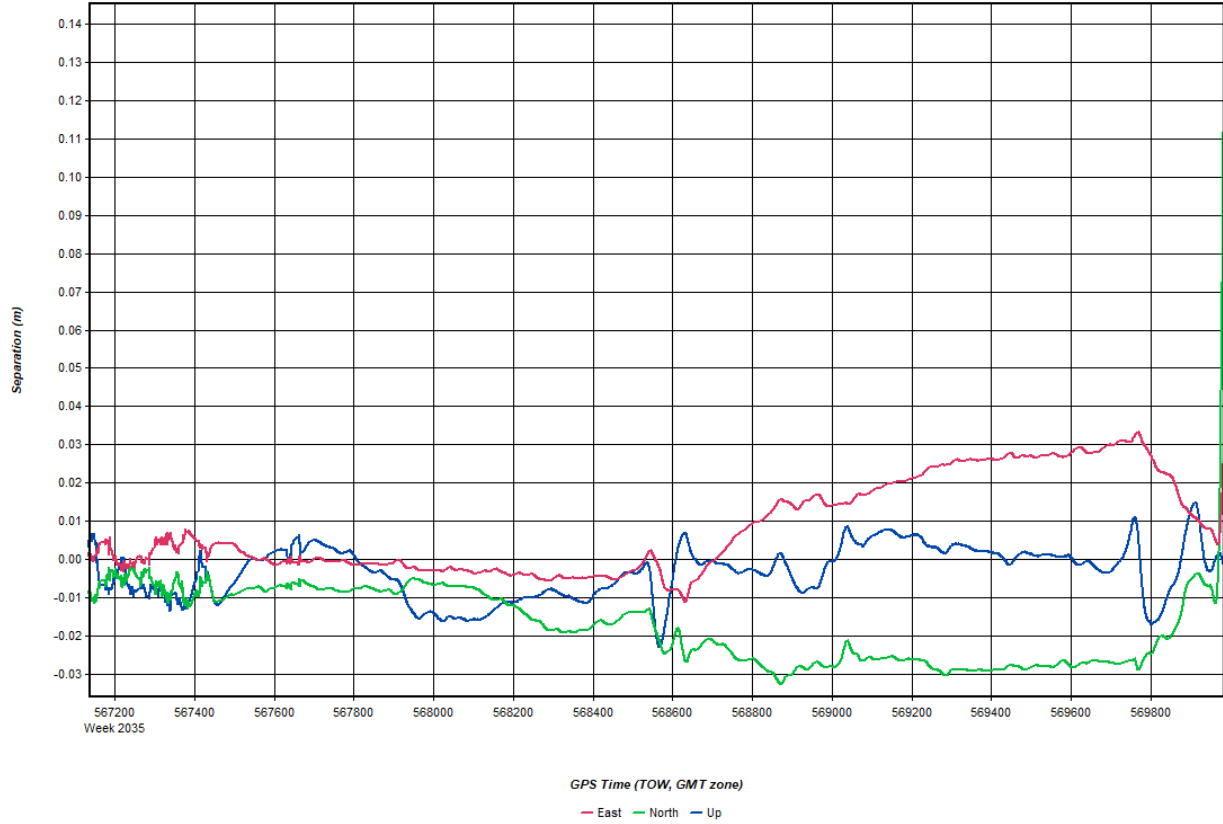


Figure 3: GW_QC_01-12-19A_8239 [Smoothed TC Combined] - PDOP Plot

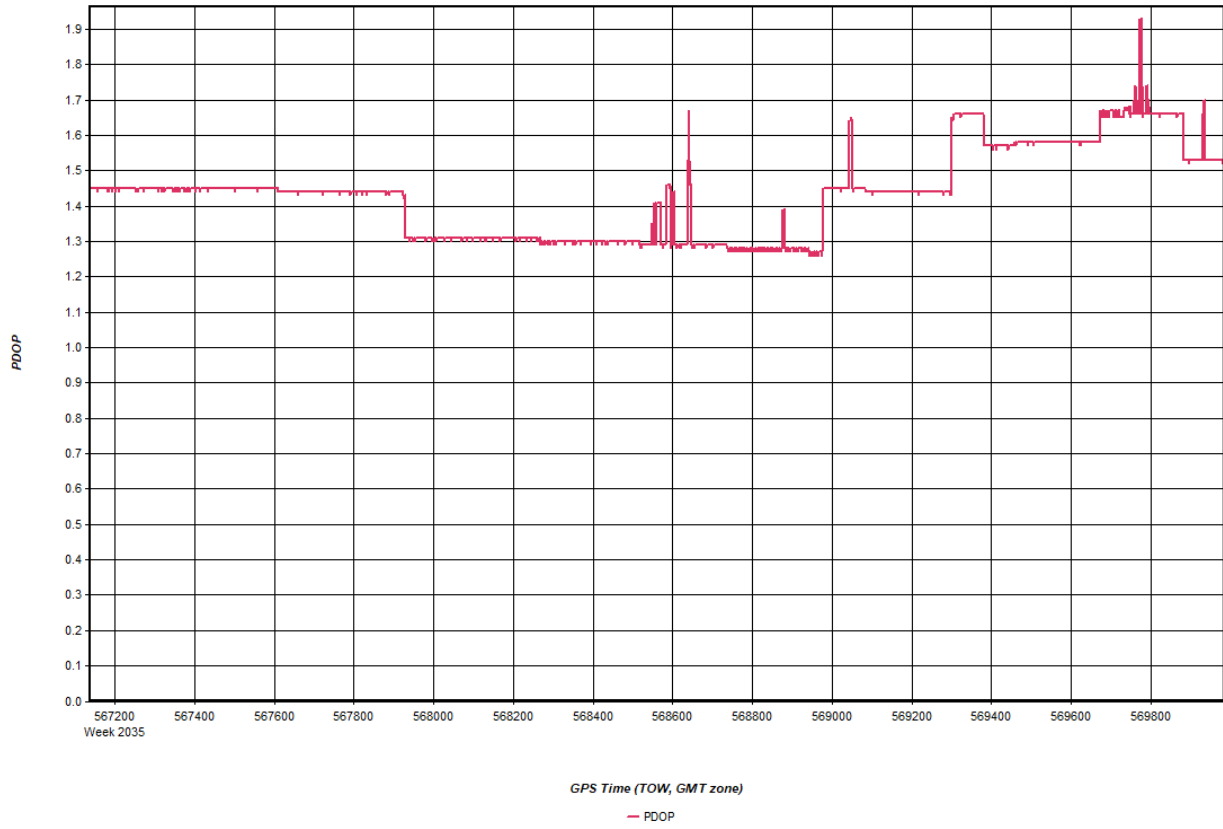
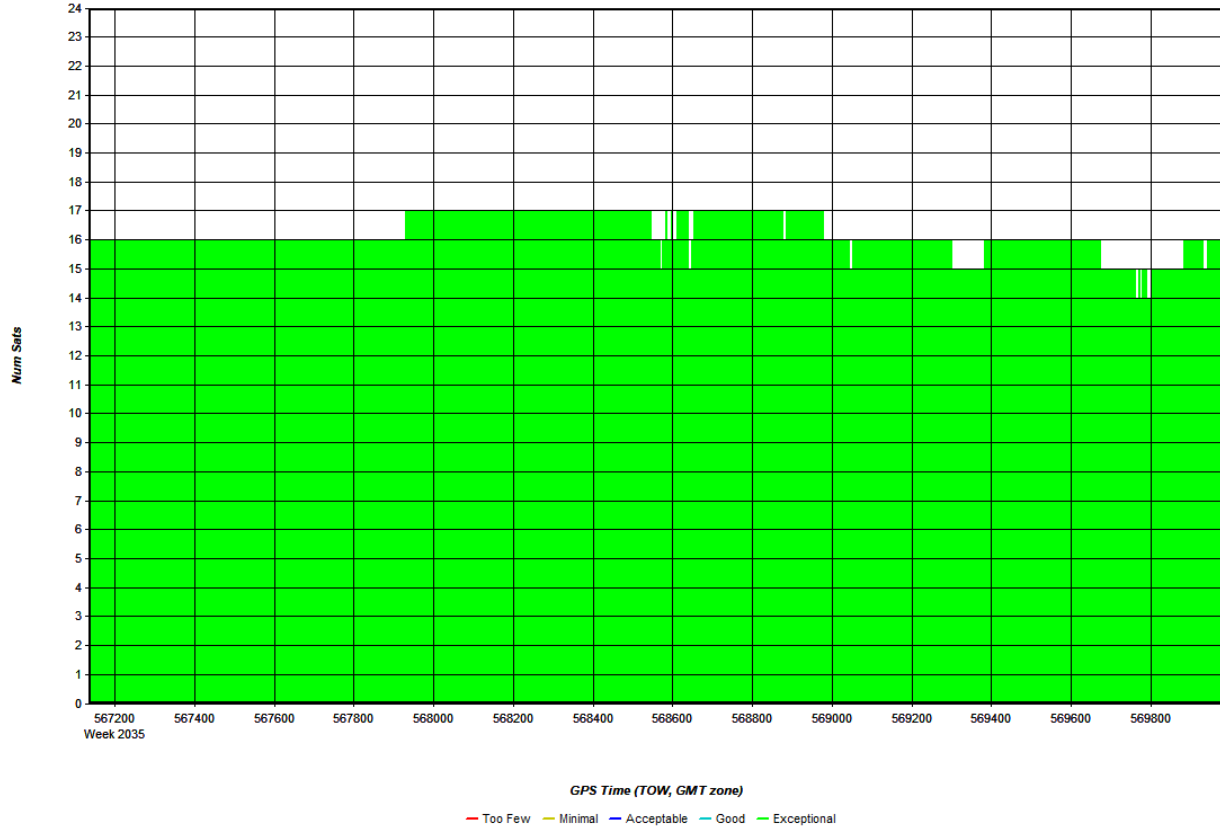


Figure 4: GW_QC_01-12-19A_8239 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Jim_Swinford_Recvd_1-15-19\20190112_133003\GW_QC_01-12-19A_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 5710

No processed position: 5

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0126 (m)

C/A Code: 1.49 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.015 (m)

North: 0.020 (m)

Height: 0.008 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 39.419 (km)

Minimum: 0.004 (km)

Average: 28.329 (km)

First Epoch: 0.004 (km)

Last Epoch: 0.053 (km)

Figure 5: GW_QC_01-12-19A_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

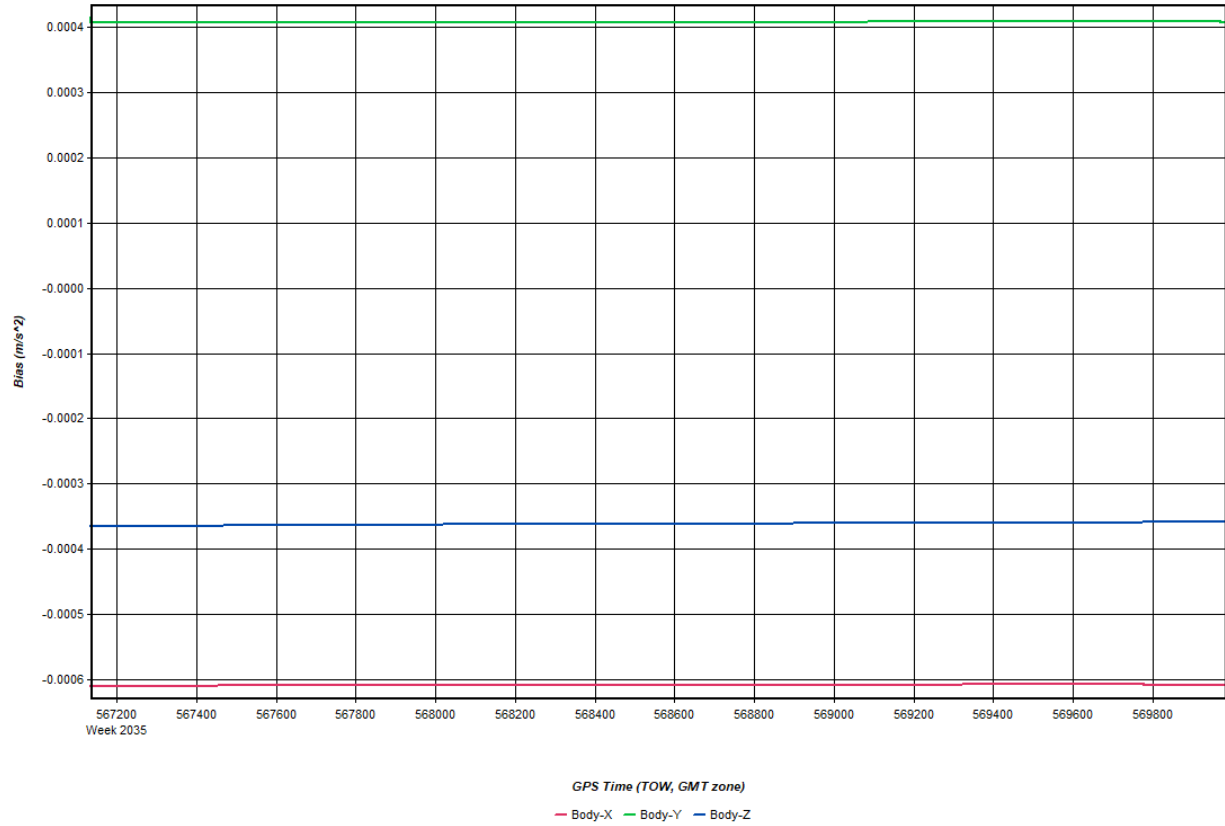
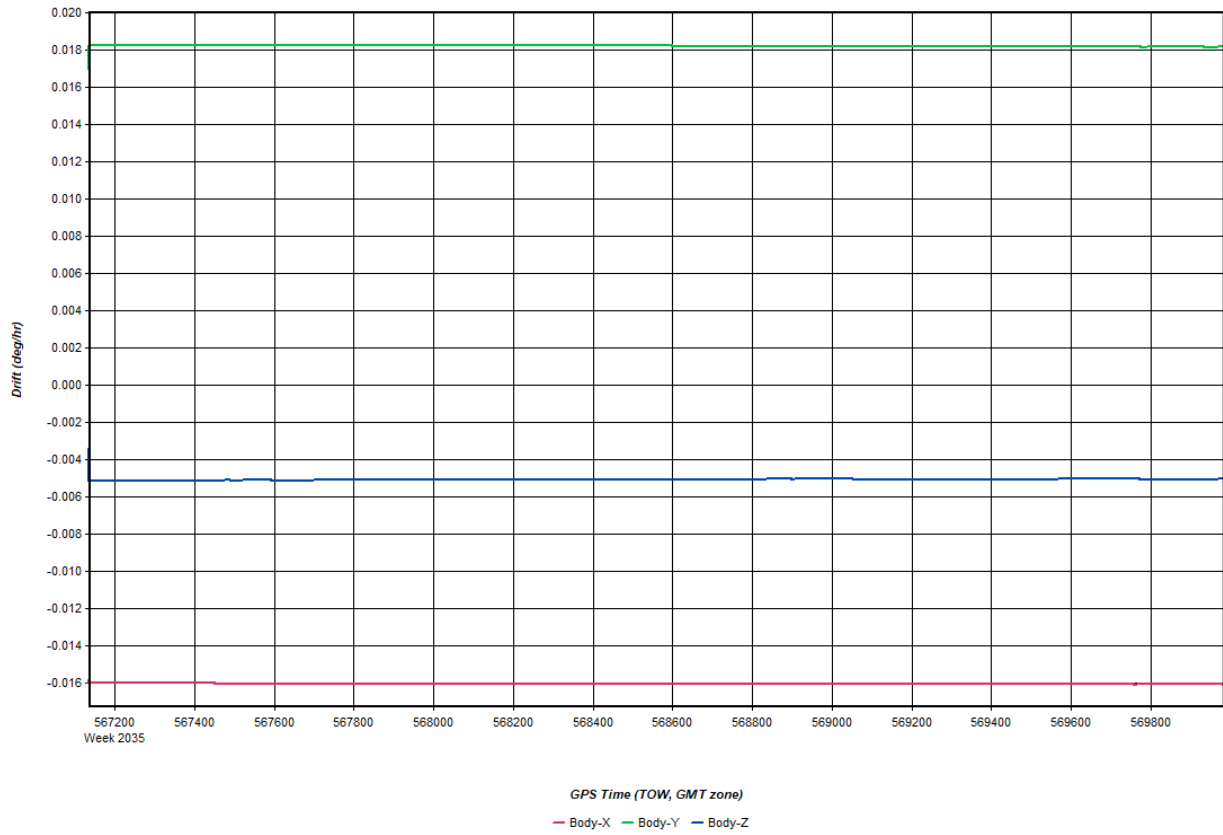


Figure 6: GW_QC_01-12-19A_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-12-19B_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

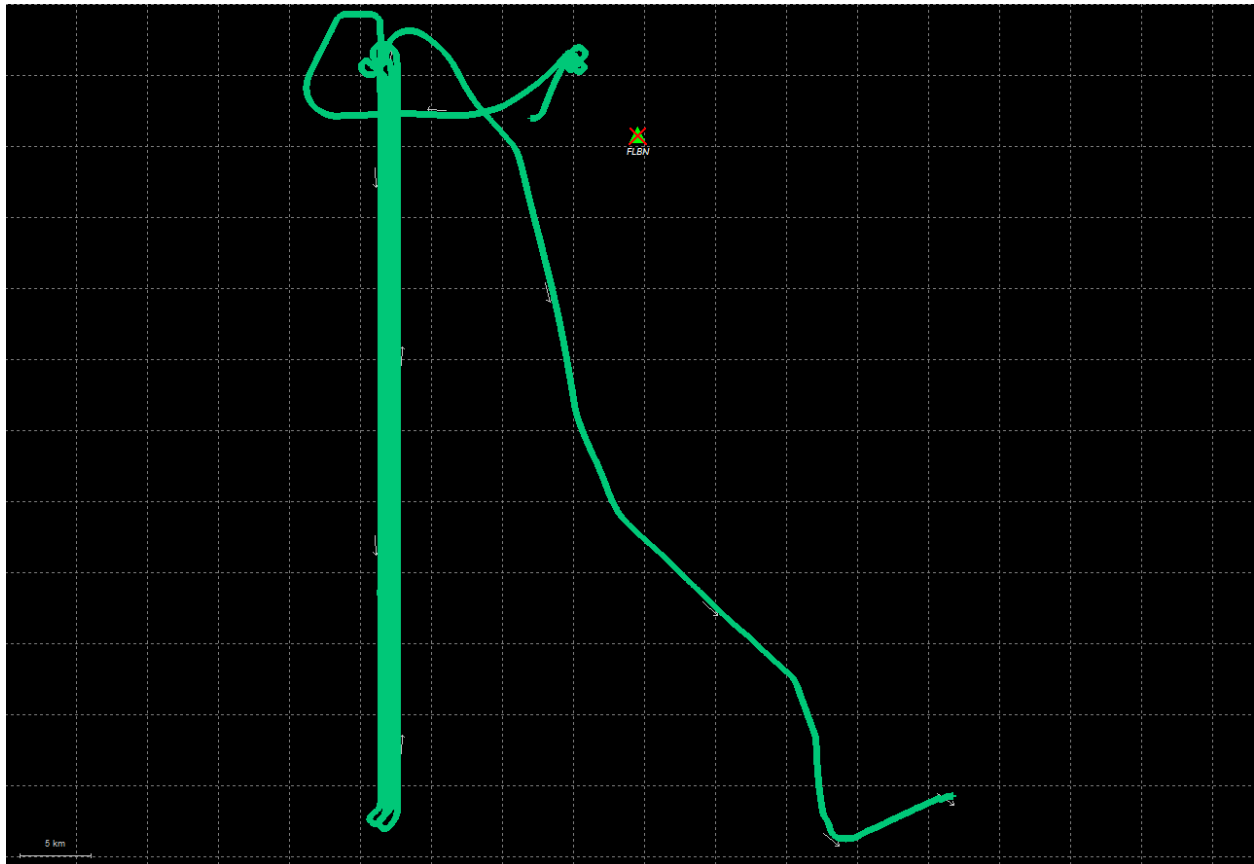


Figure 2: GW_QC_1-12-19B_8239 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

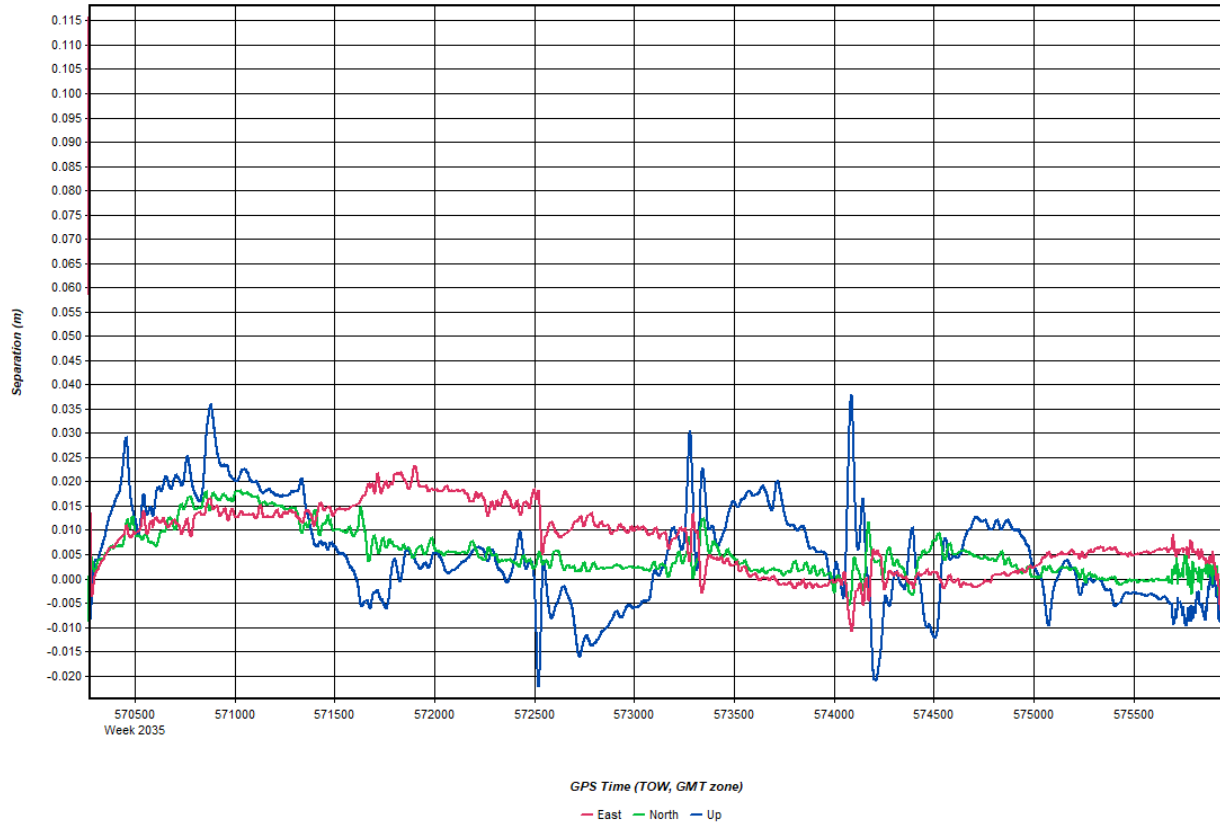


Figure 3: GW_QC_1-12-19B_8239 [Smoothed TC Combined] - PDOP Plot

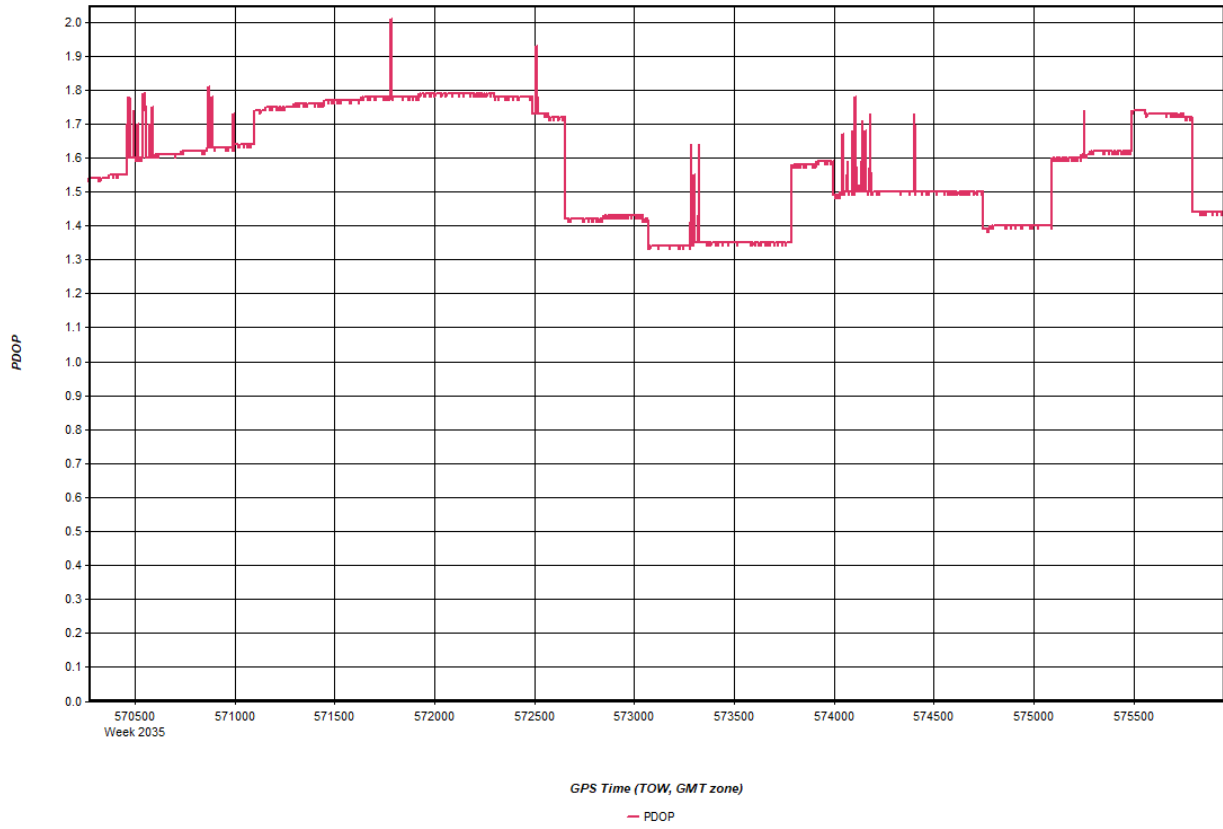
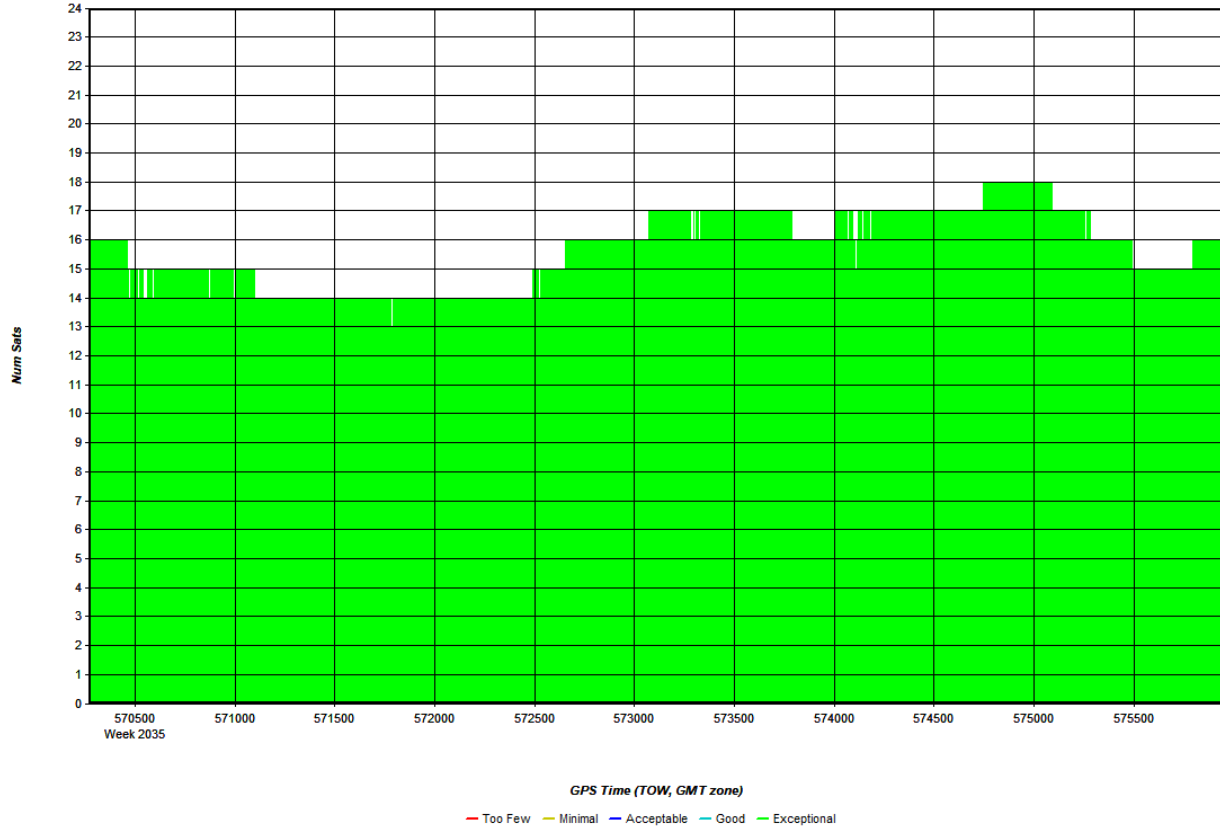


Figure 4: GW_QC_1-12-19B_8239 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Jim_Swinford_Recvd_1-15-19\20190112_142256\GW_QC_1-12-19B_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 11389

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0117 (m)

C/A Code: 1.34 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.011 (m)

North: 0.007 (m)

Height: 0.012 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 43.649 (km)

Minimum: 0.002 (km)

Average: 27.979 (km)

First Epoch: 0.020 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_1-12-19B_8239 [Smoothed TC Combined] - Accelerometer Bias Plot

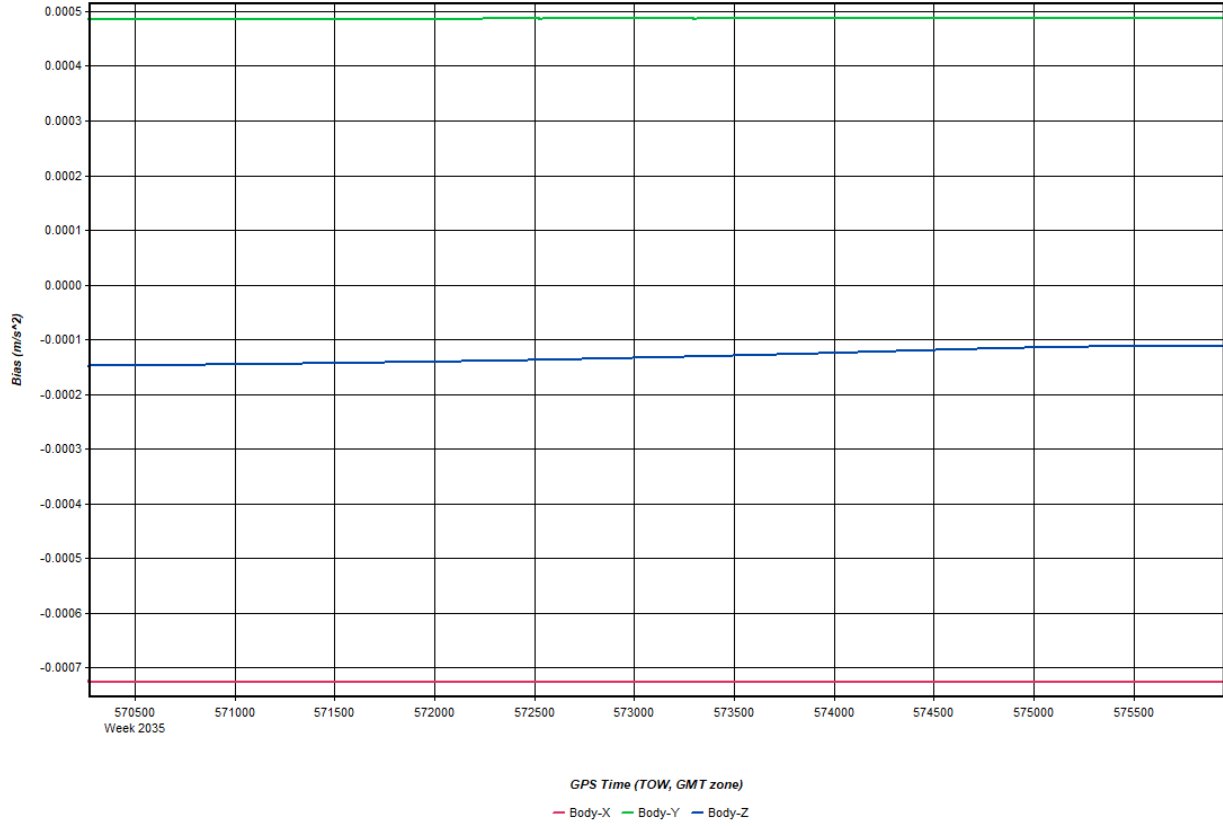
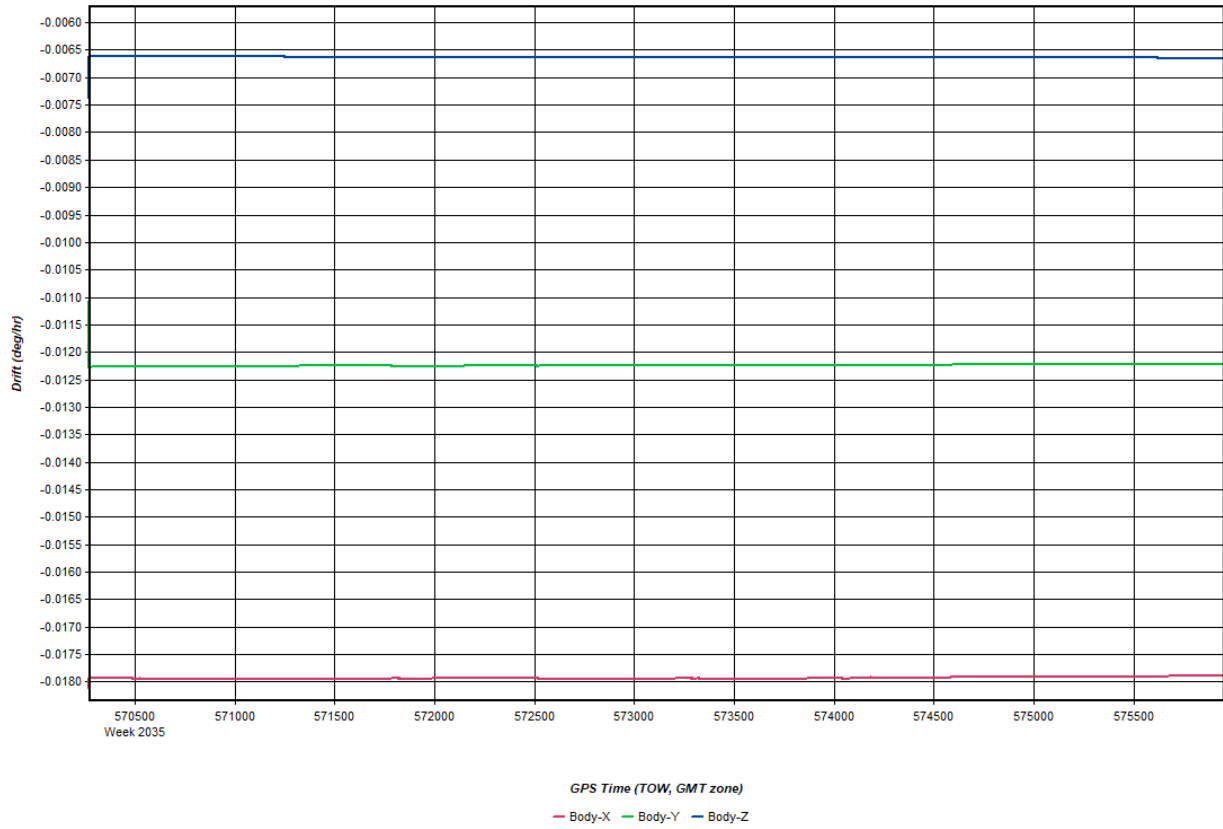


Figure 6: GW_QC_1-12-19B_8239 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-18-19A_8177_N704MD

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

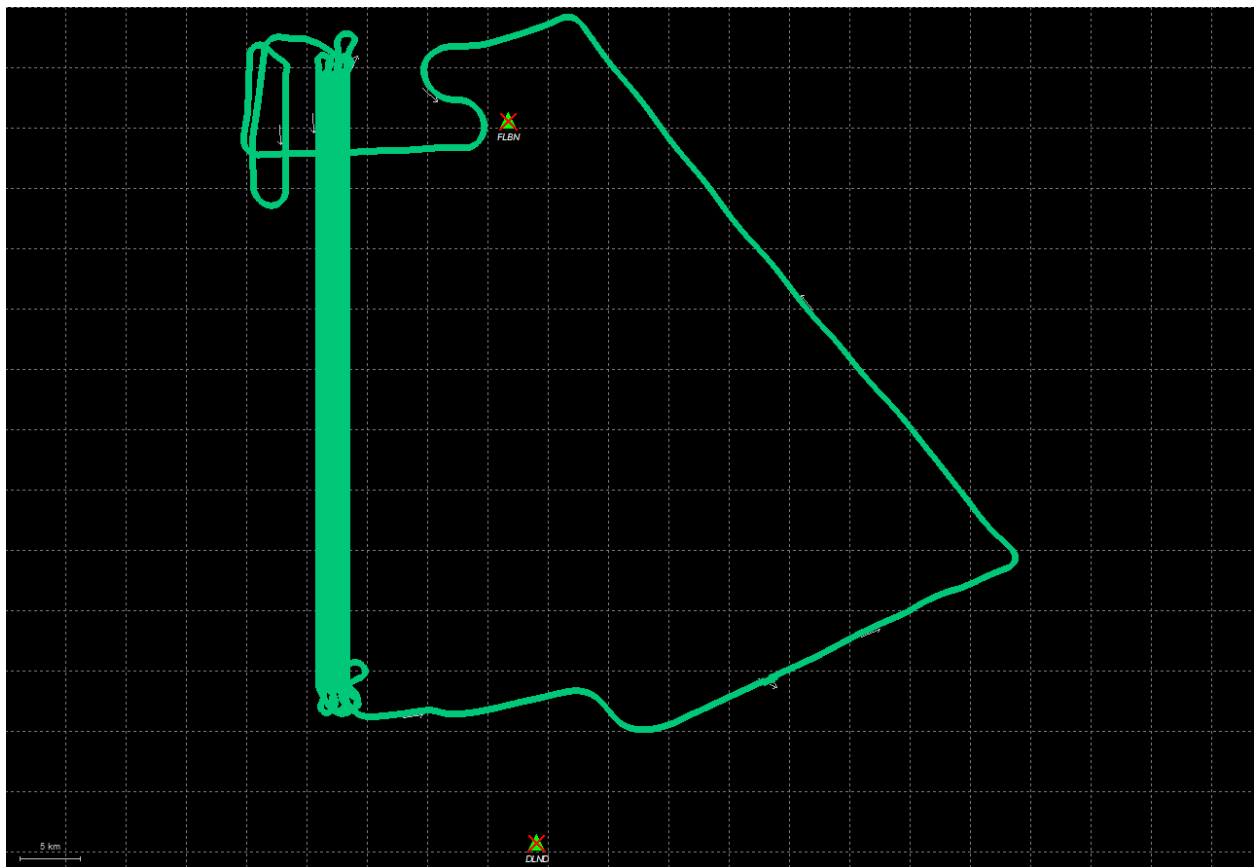


Figure 2: GW_QC_1-18-19A_8177_N704MD [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

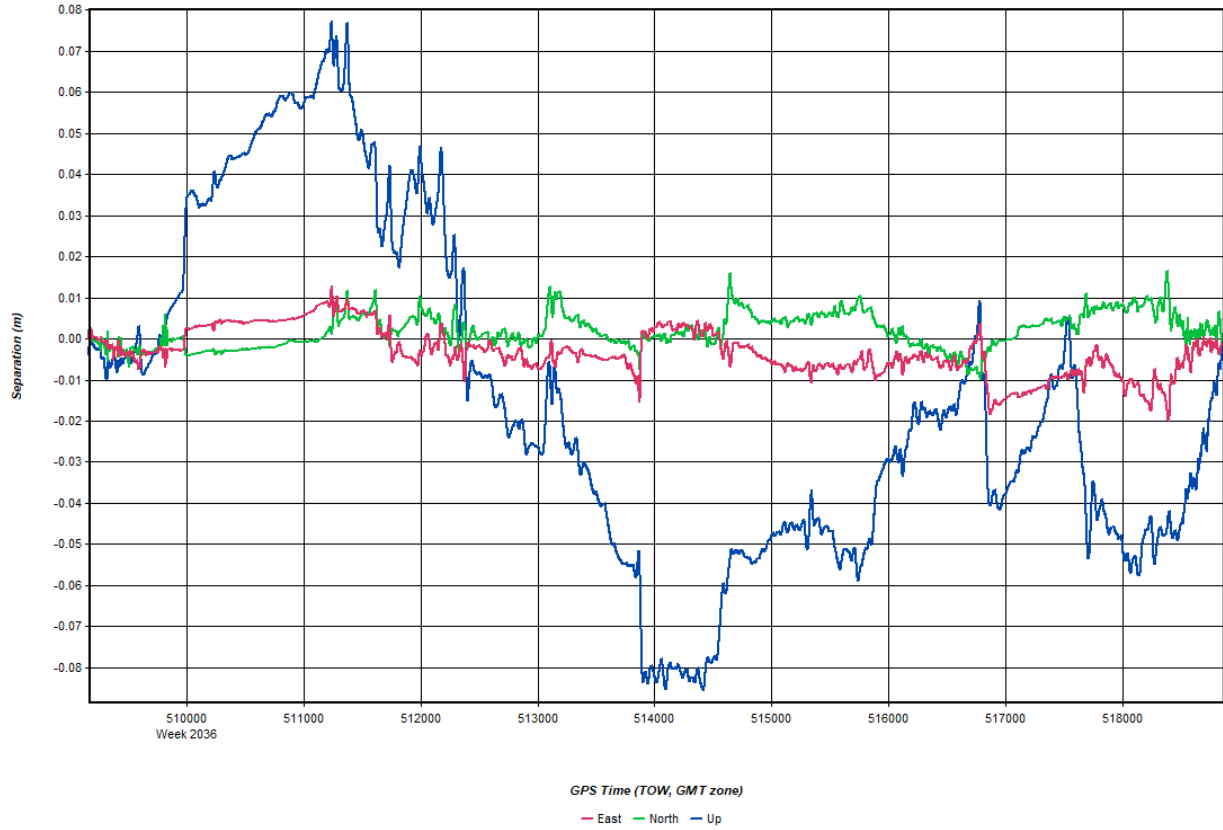


Figure 3: GW_QC_1-18-19A_8177_N704MD [Smoothed TC Combined] - PDOP Plot

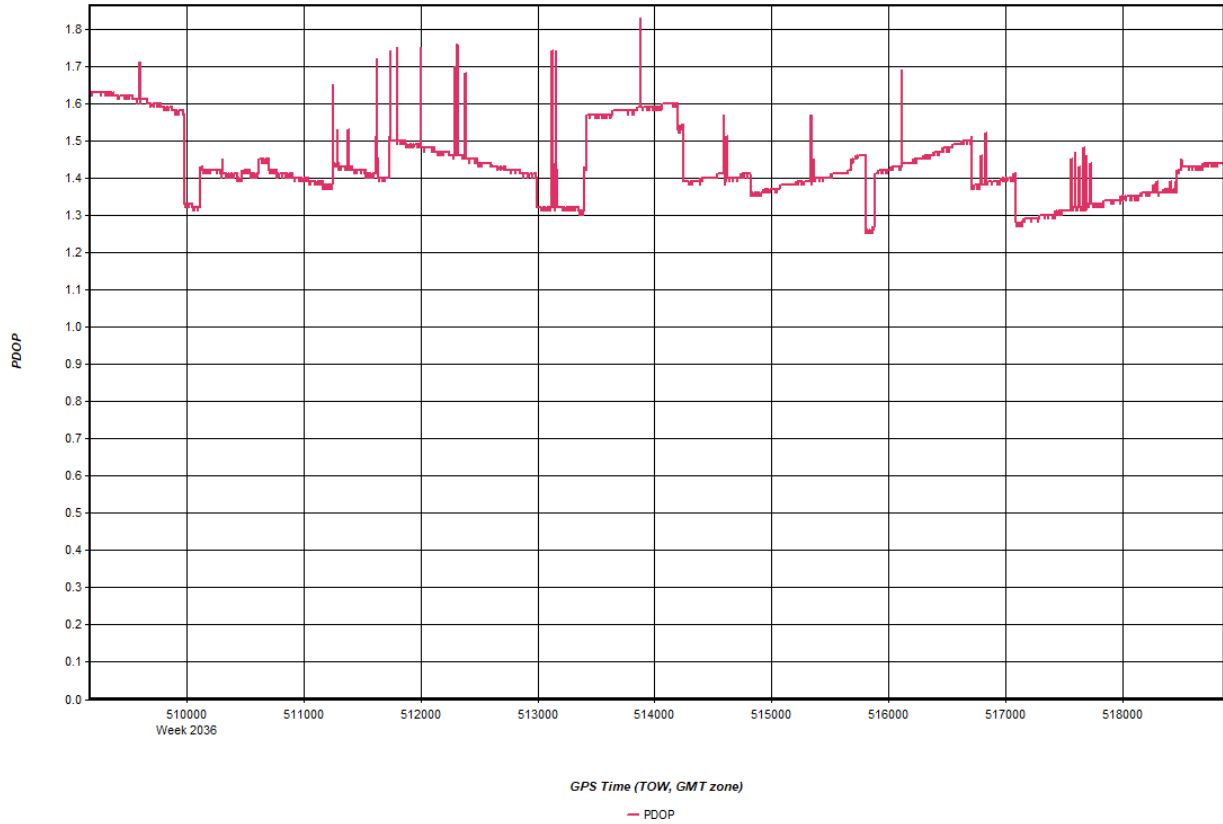
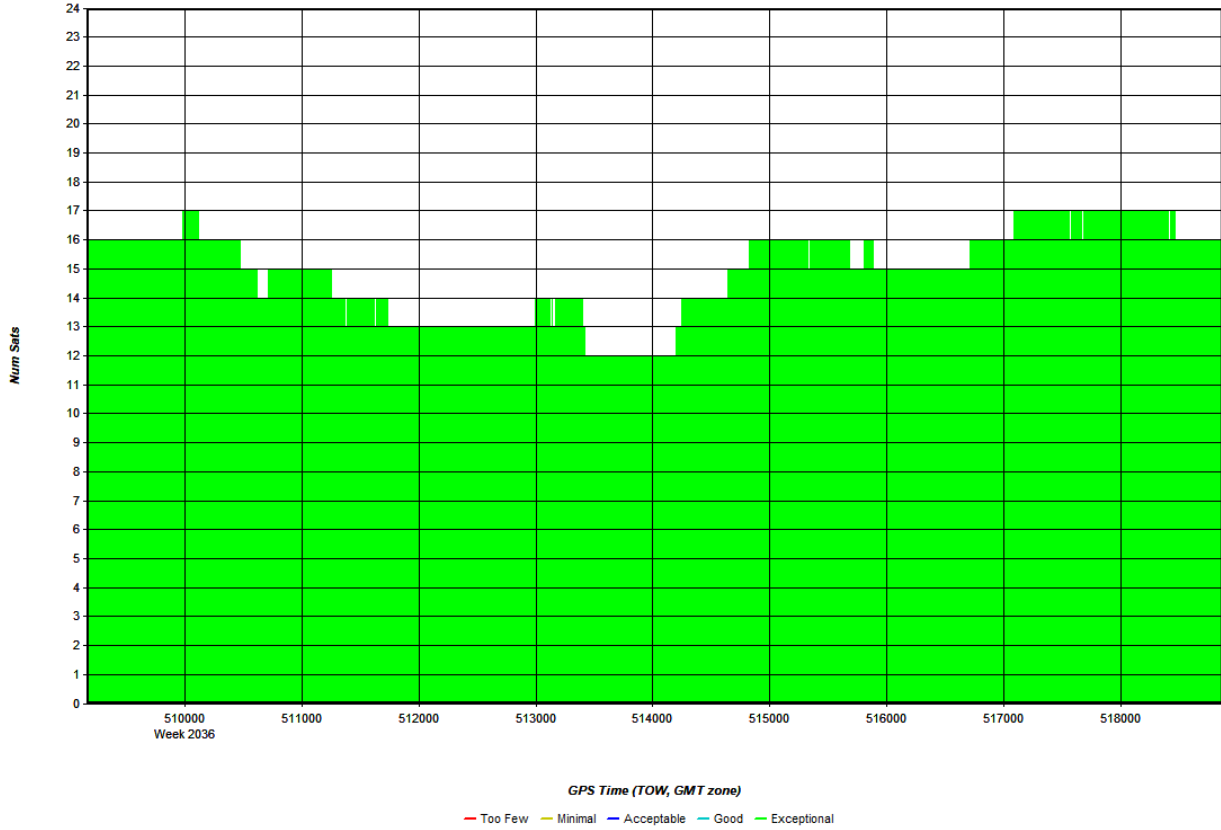


Figure 4: GW_QC_1-18-19A_8177_N704MD [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: I:\Proc_\33747_FL_LiDAR\Jim_Swinford_Recvd_1-21-19\33747_01182019_8177_N704MD\20190118_212234\GW_QC_1-18-19A_8177_N704MD.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 19450
No processed position: 7
Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0147 (m)
C/A Code: 0.93 (m)
L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.006 (m)
North: 0.005 (m)
Height: 0.043 (m)

Quality Number Percentages:

Q 1: 0.0 %
Q 2: 100.0 %
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: 67.789 (km)
Minimum: 0.001 (km)
Average: 37.519 (km)
First Epoch: 0.004 (km)
Last Epoch: 0.001 (km)

Figure 5: GW_QC_1-18-19A_8177_N704MD [Smoothed TC Combined] - Accelerometer Bias Plot

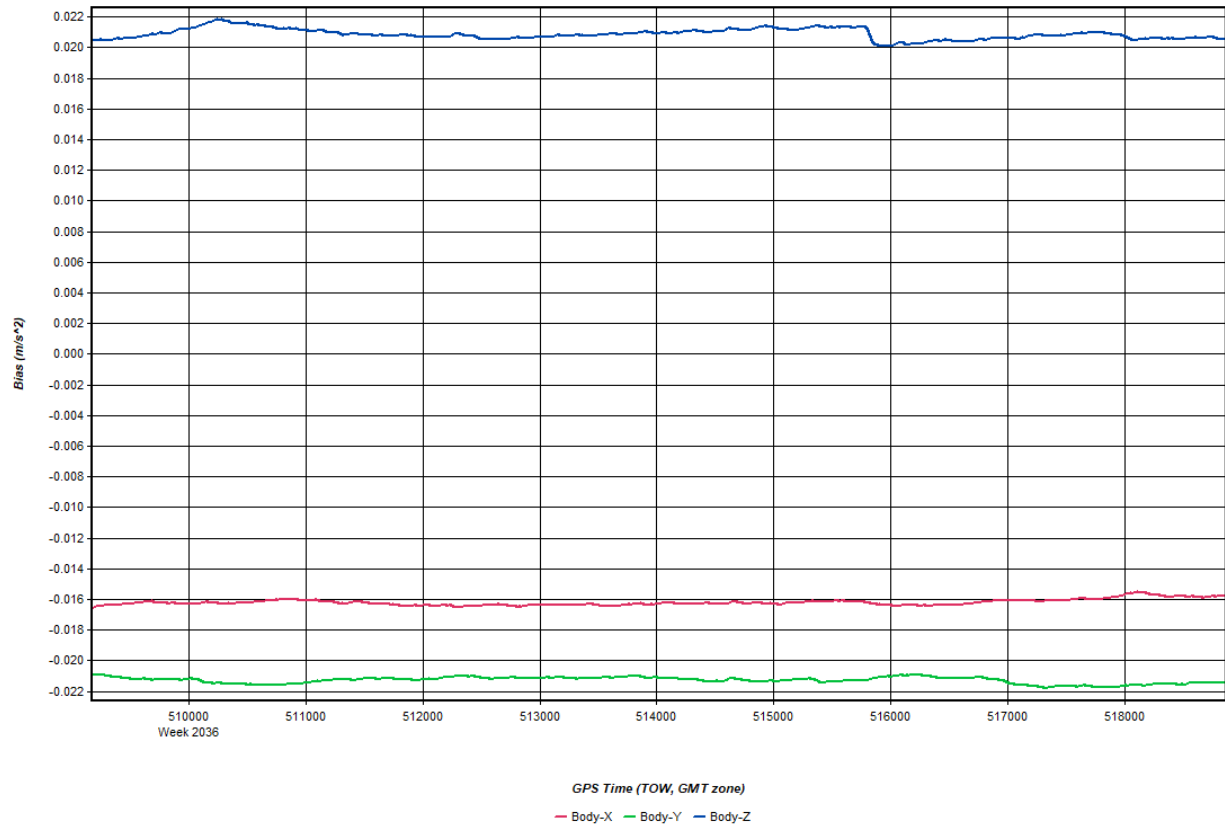
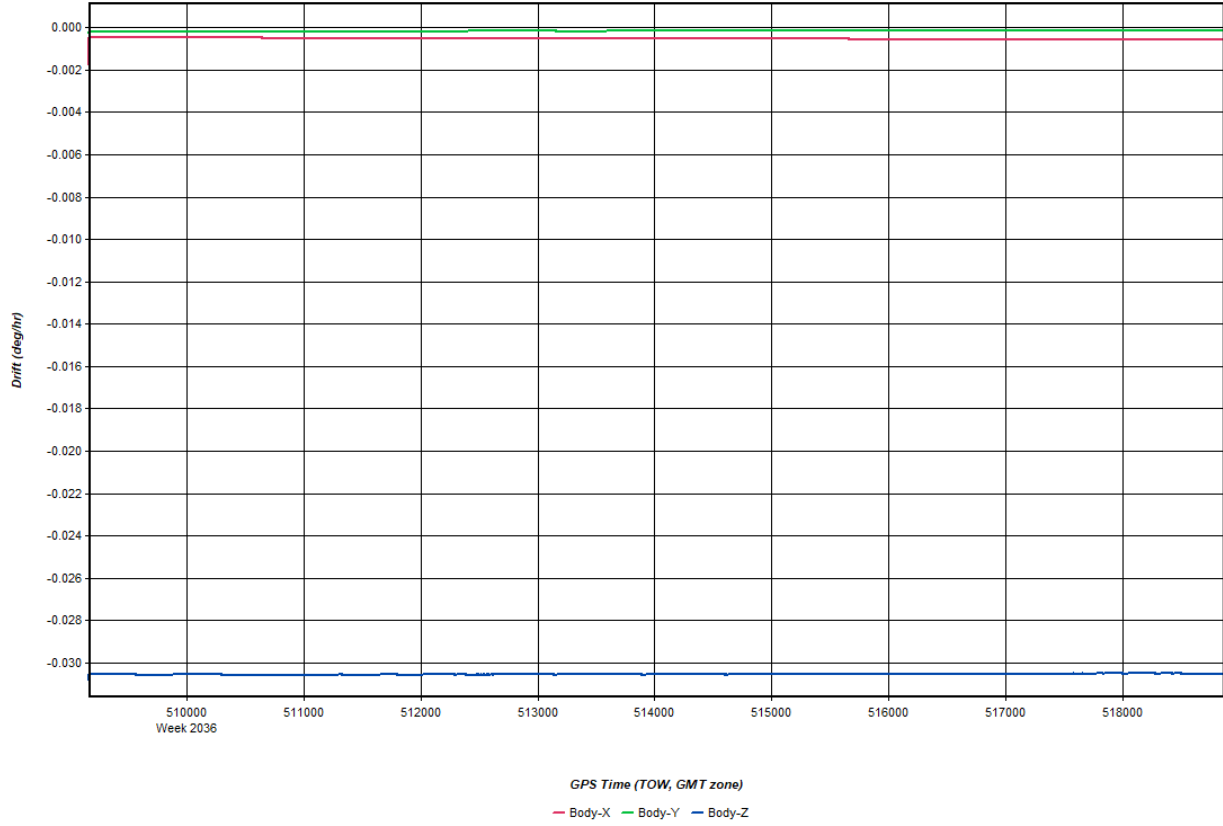


Figure 6: GW_QC_1-18-19A_8177_N704MD [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-19-19A_8177

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

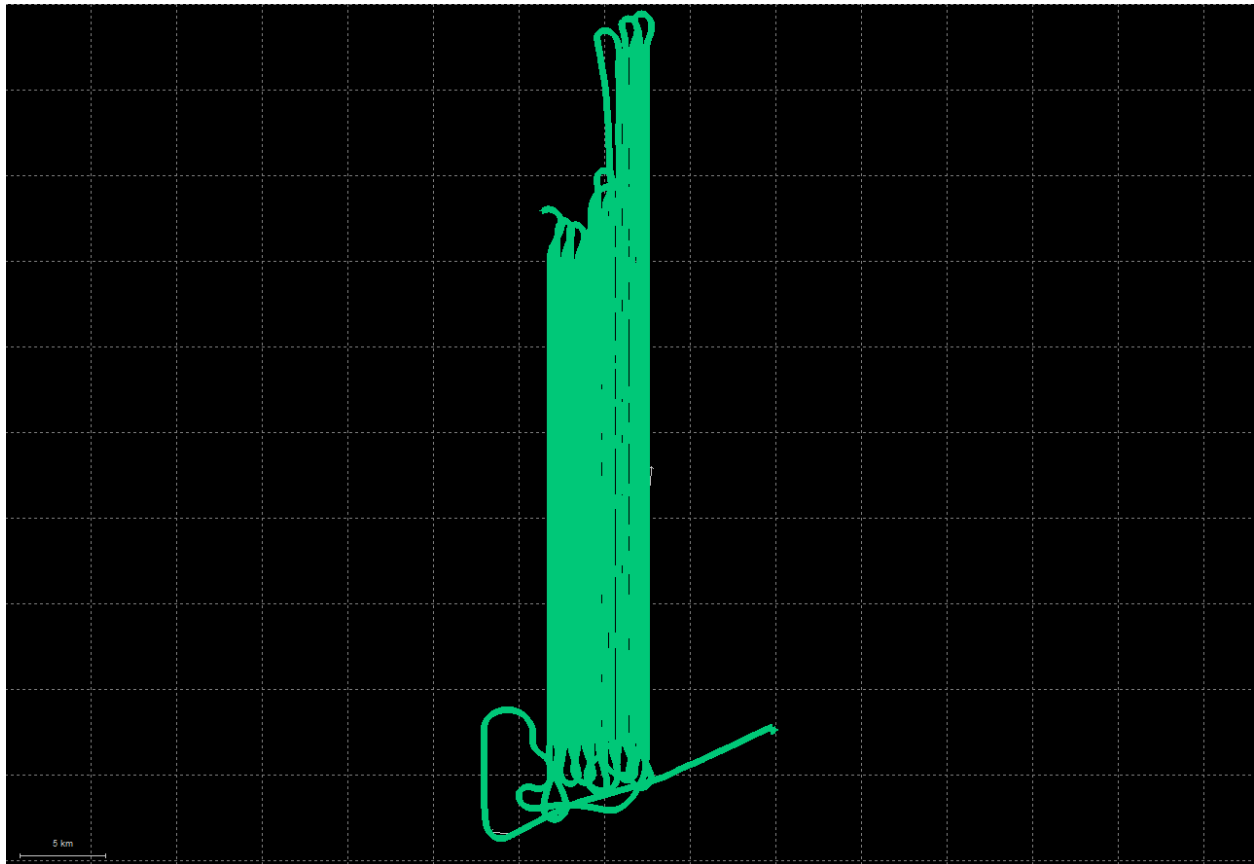


Figure 2: GW_QC_1-19-19A_8177 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

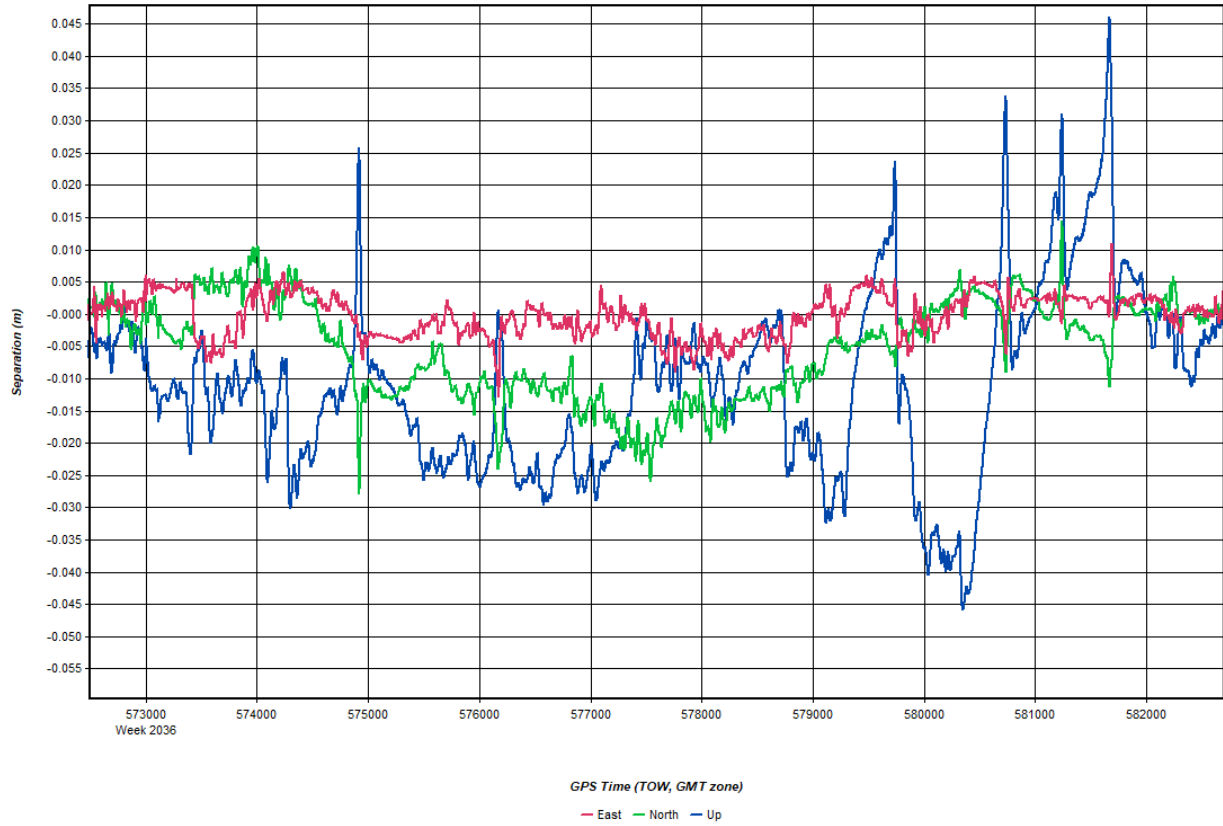


Figure 3: GW_QC_1-19-19A_8177 [Smoothed TC Combined] - PDOP Plot

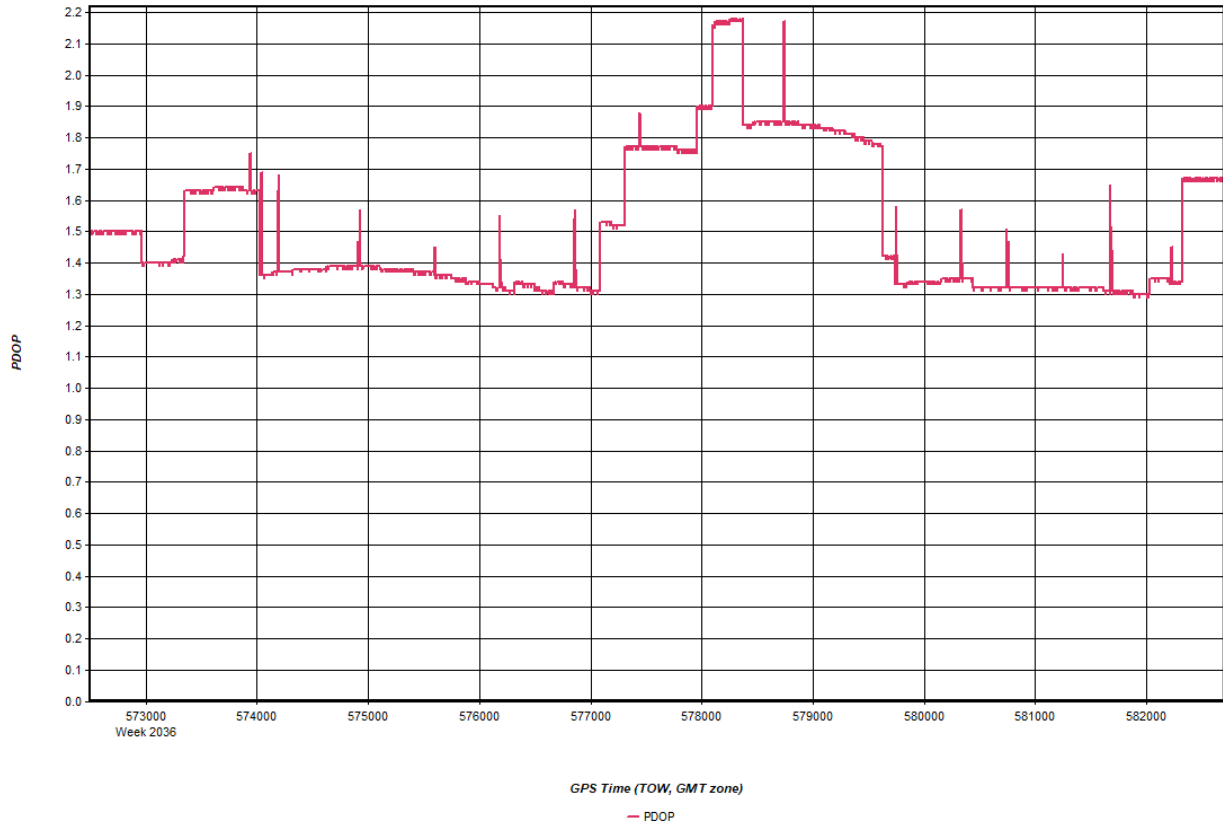
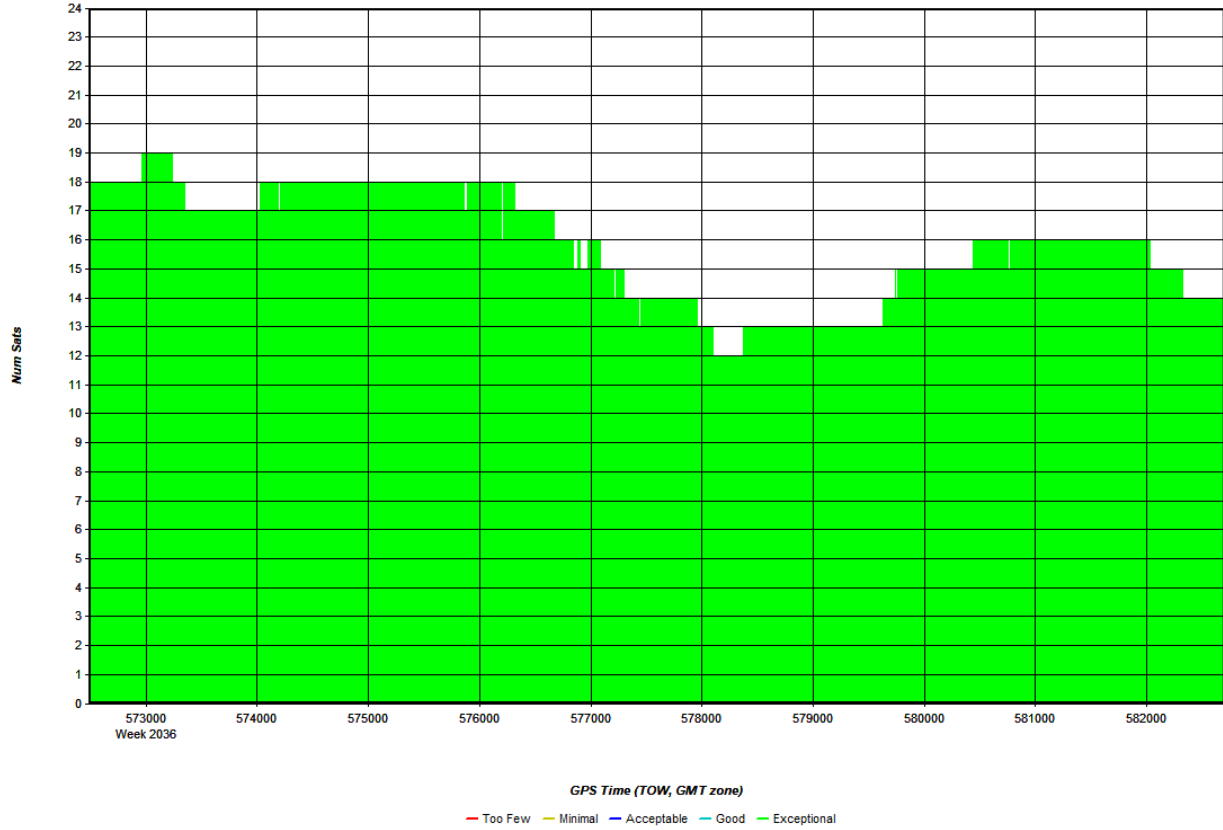


Figure 4: GW_QC_1-19-19A_8177 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: I:\Proc_\33747_FL_LiDAR\Jim_Swinford_Recvd_1-22-19\33747_01192019_8177_N704MD\20190119_145315\GW_QC_1-19-19A_8177.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 20453

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0164 (m)

C/A Code: 0.95 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.003 (m)

North: 0.009 (m)

Height: 0.018 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 27.355 (km)

Minimum: 0.003 (km)

Average: 12.589 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.083 (km)

Figure 5: GW_QC_1-19-19A_8177 [Smoothed TC Combined] - Accelerometer Bias Plot

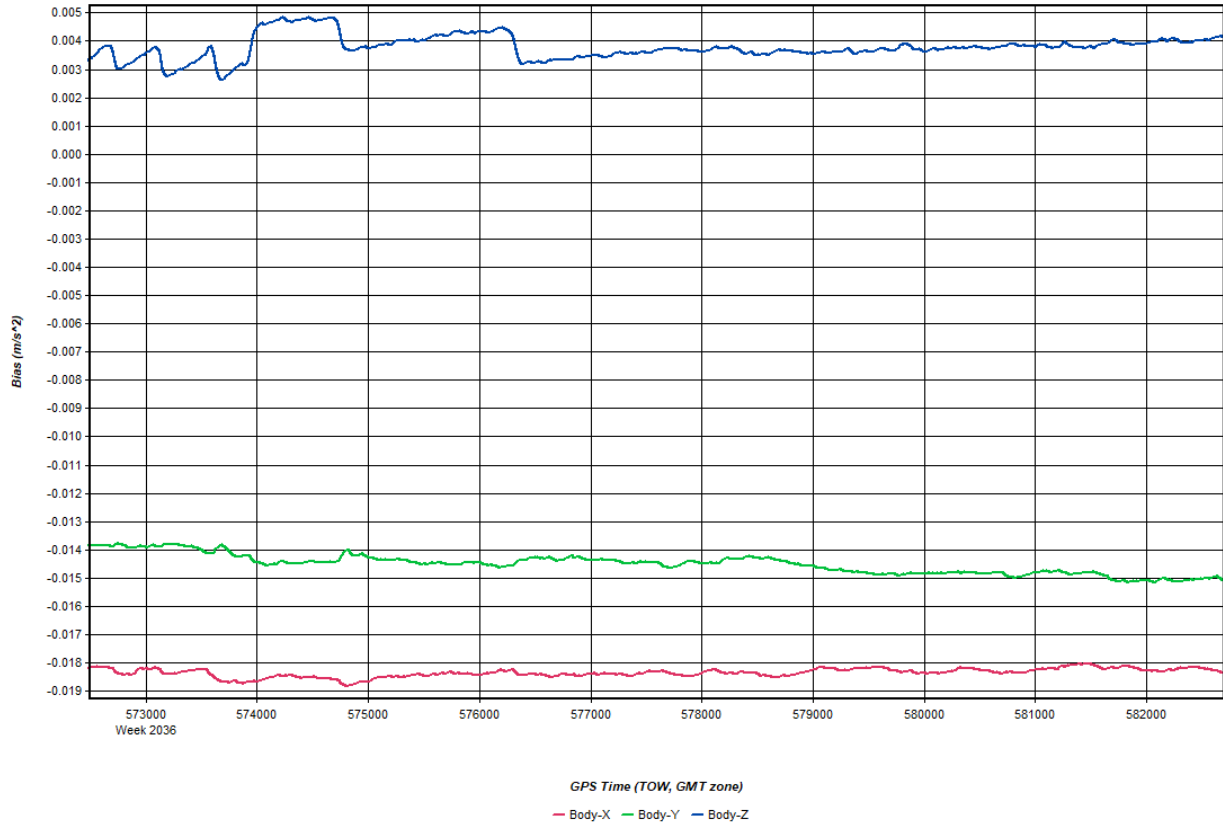
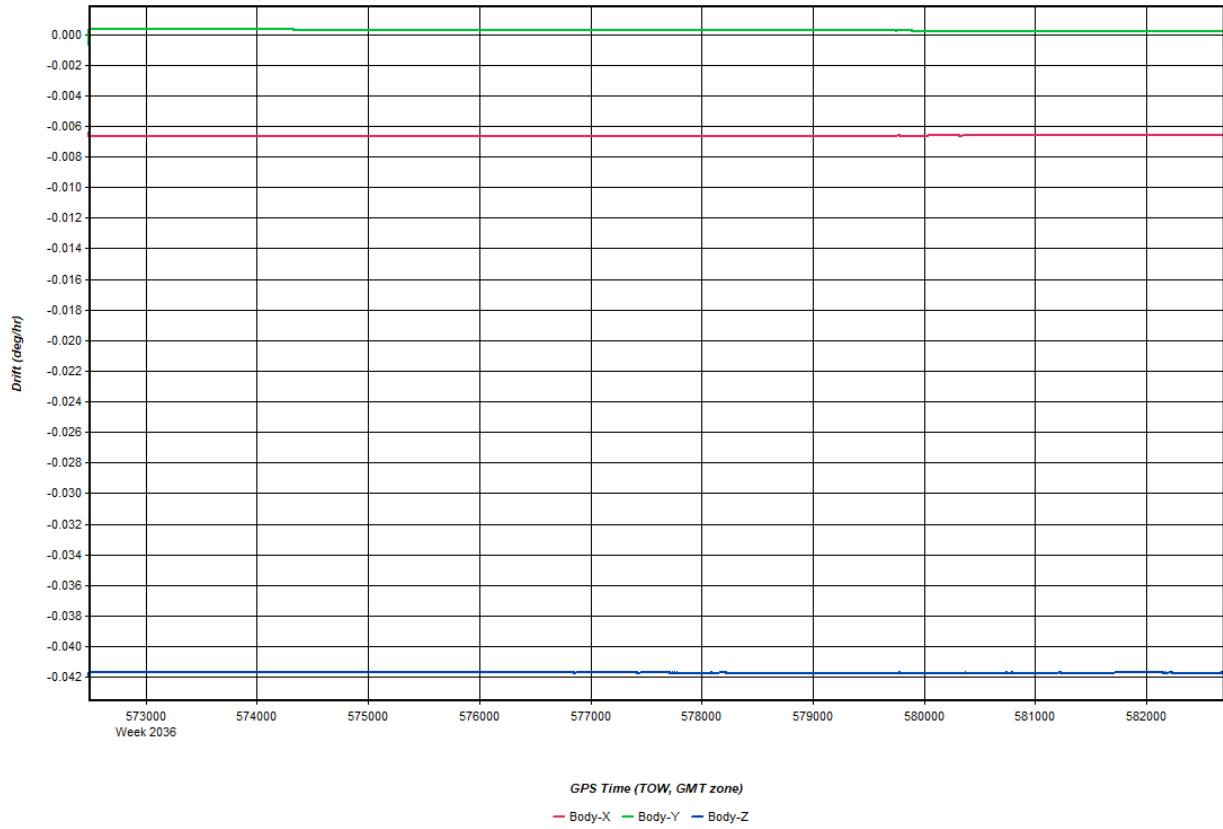


Figure 6: GW_QC_1-19-19A_8177 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-19-19B_8177

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

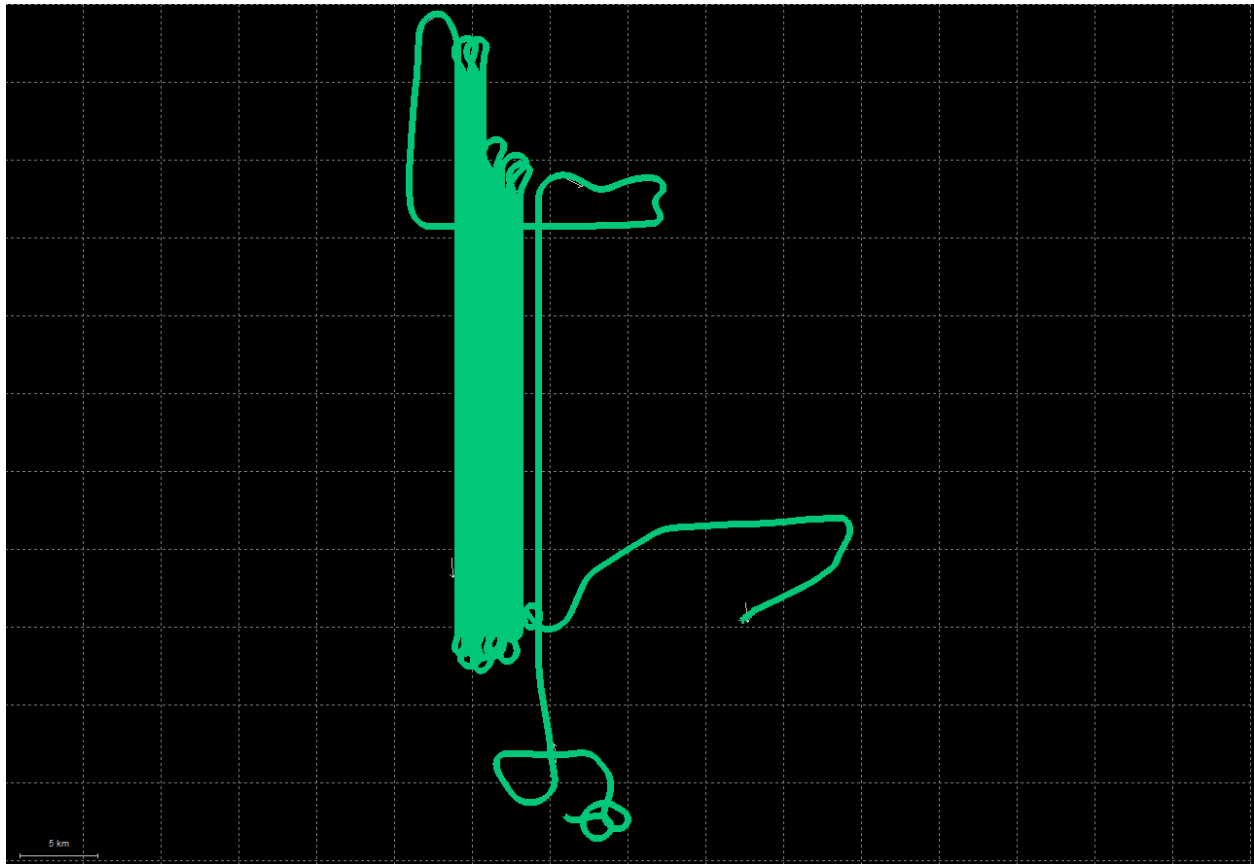


Figure 2: GW_QC_1-19-19B_8177 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

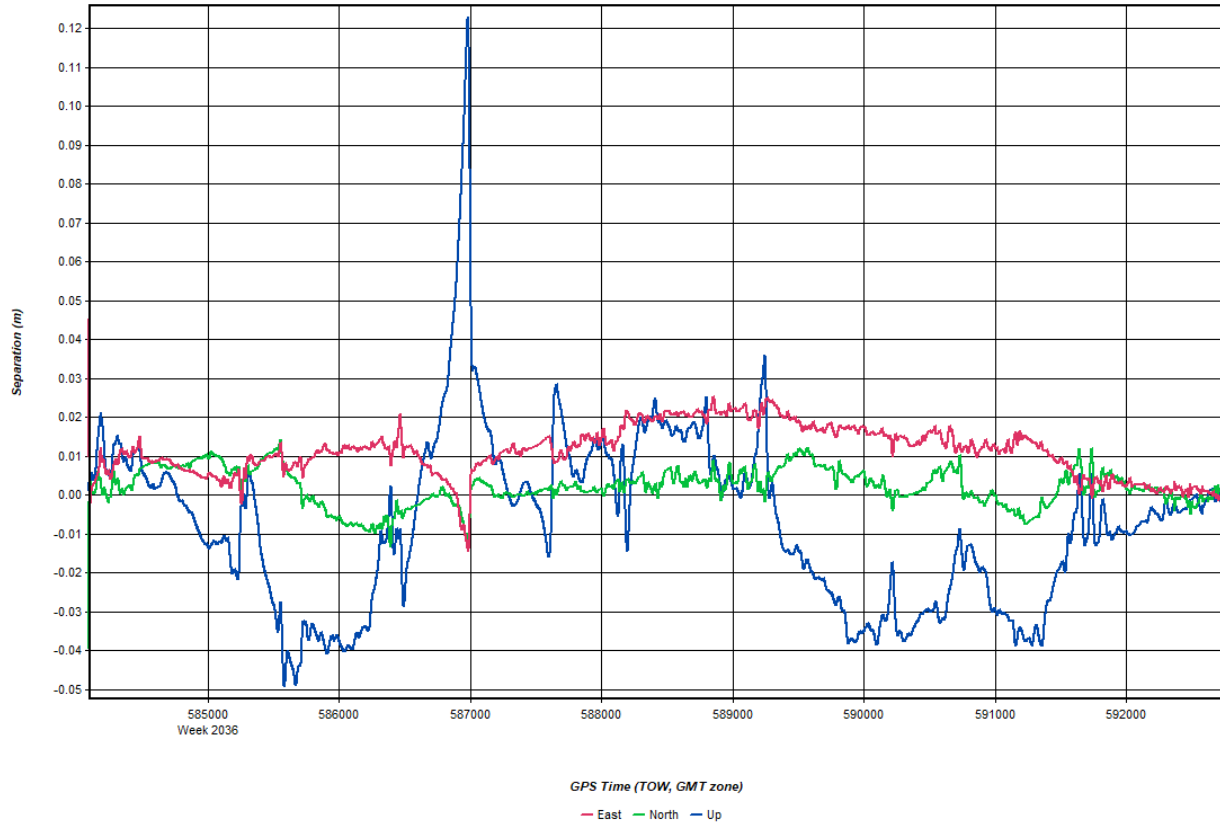


Figure 3: GW_QC_1-19-19B_8177 [Smoothed TC Combined] - PDOP Plot

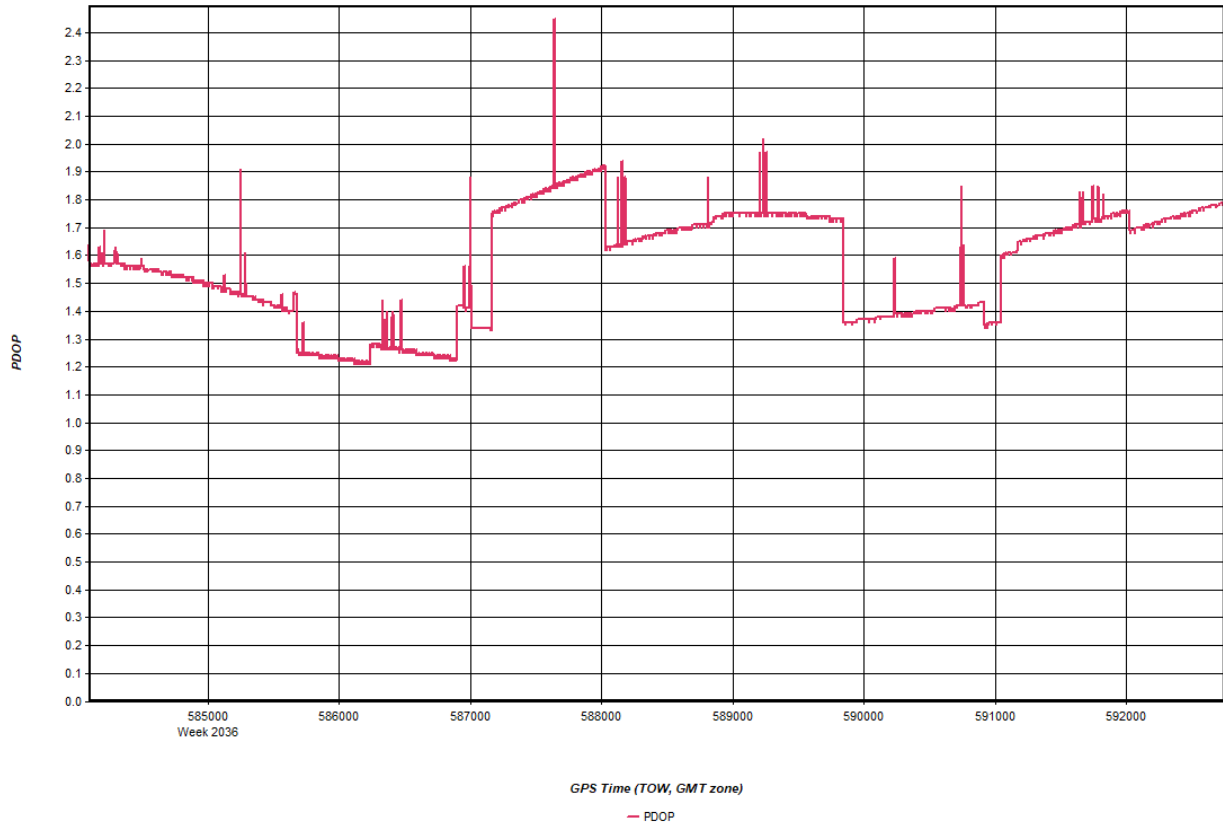
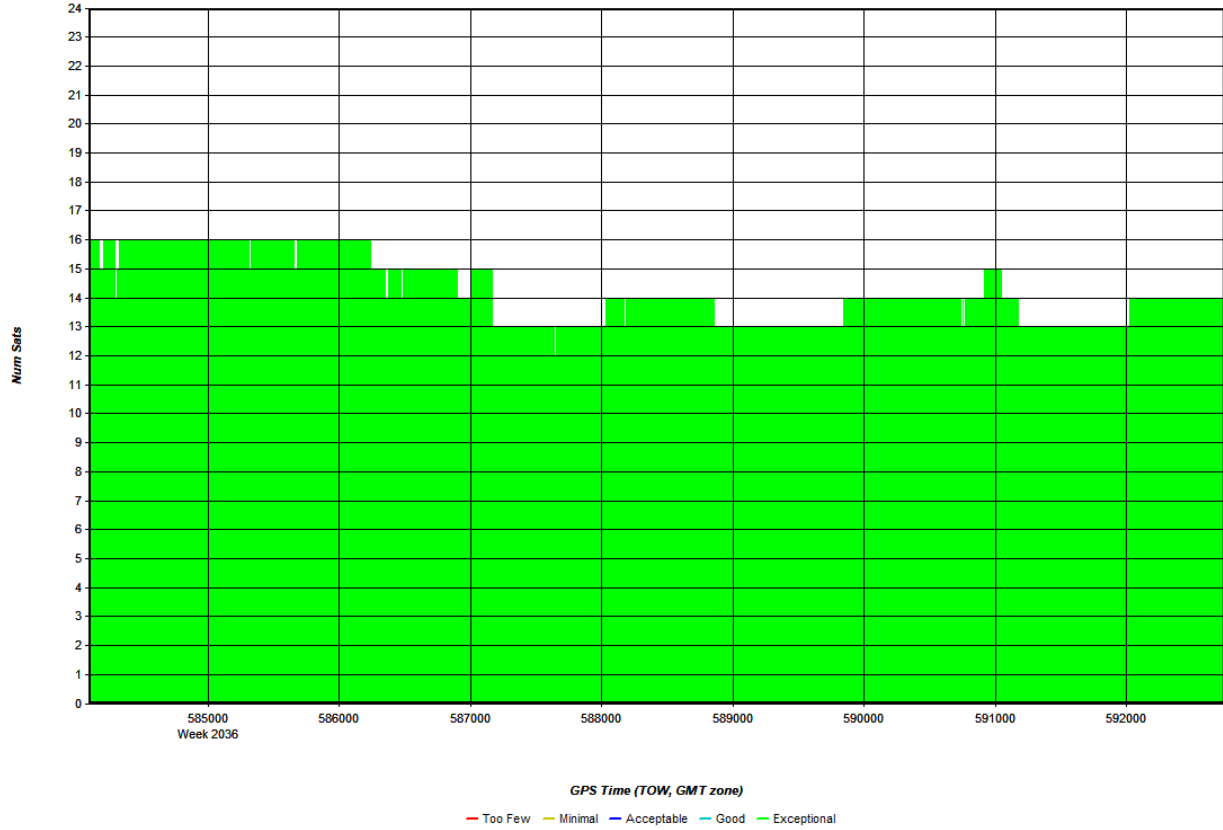


Figure 4: GW_QC_1-19-19B_8177 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: I:\Proc_\33747_FL_LiDAR\Jim_Swinford_Recvd_1-22-19\33747_01192019_8177_N704MD\20190119_181326\GW_QC_1-19-19B_8177.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 17341

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0111 (m)

C/A Code: 0.83 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.013 (m)

North: 0.005 (m)

Height: 0.023 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 47.087 (km)

Minimum: 0.003 (km)

Average: 22.503 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_1-19-19B_8177 [Smoothed TC Combined] - Accelerometer Bias Plot

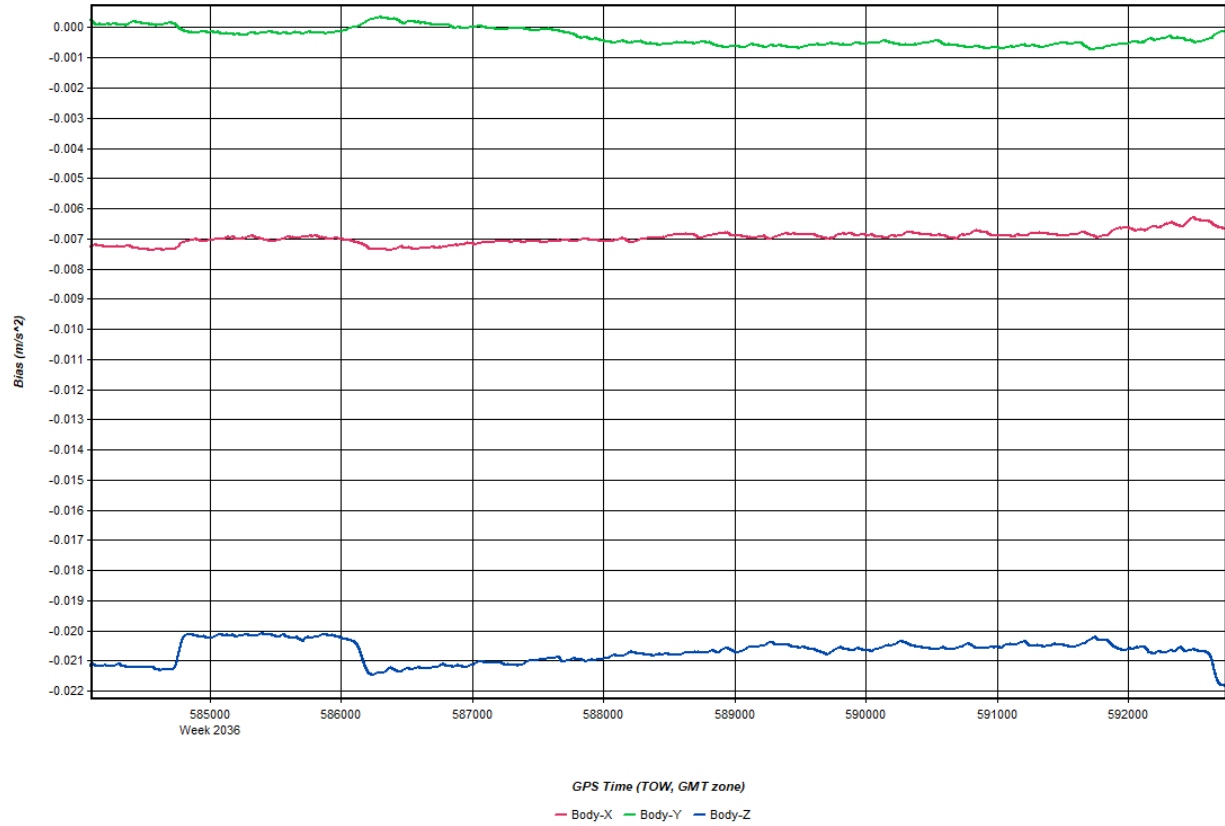
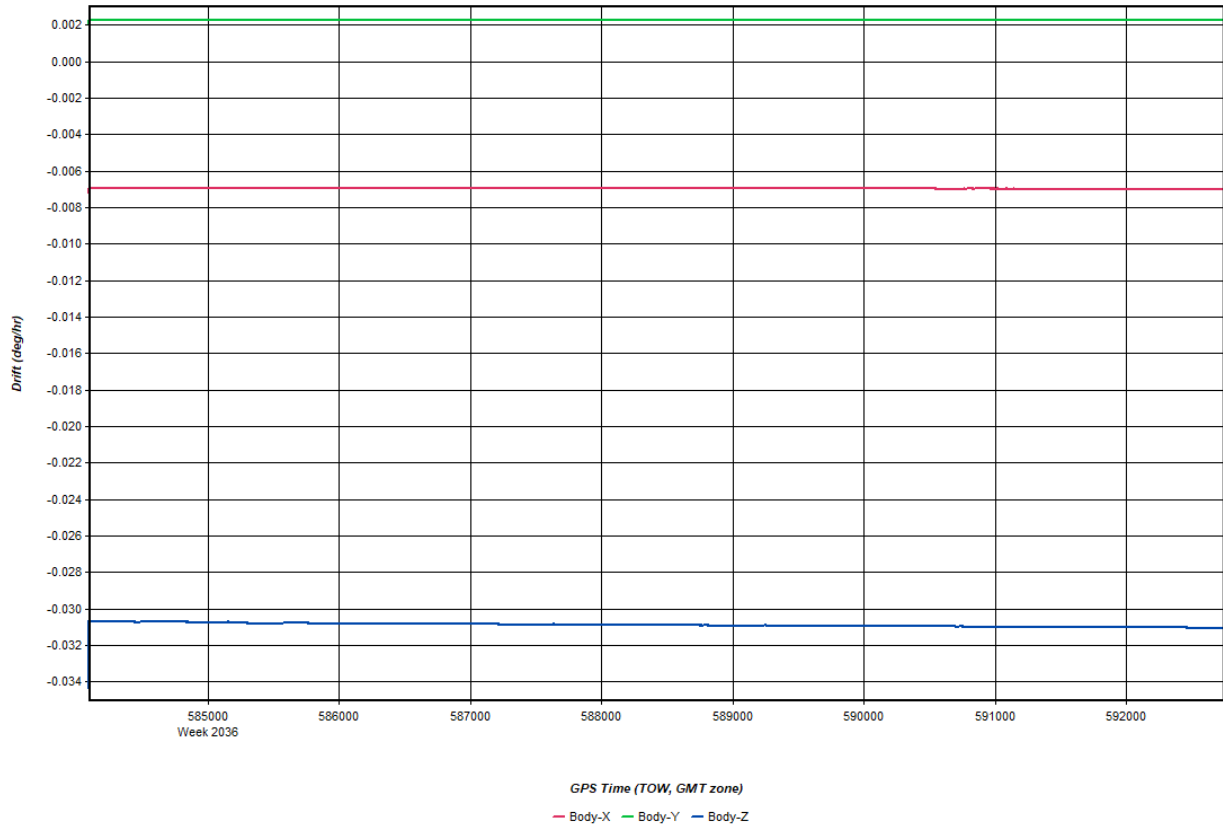


Figure 6: GW_QC_1-19-19B_8177 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-20-19A_8177

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

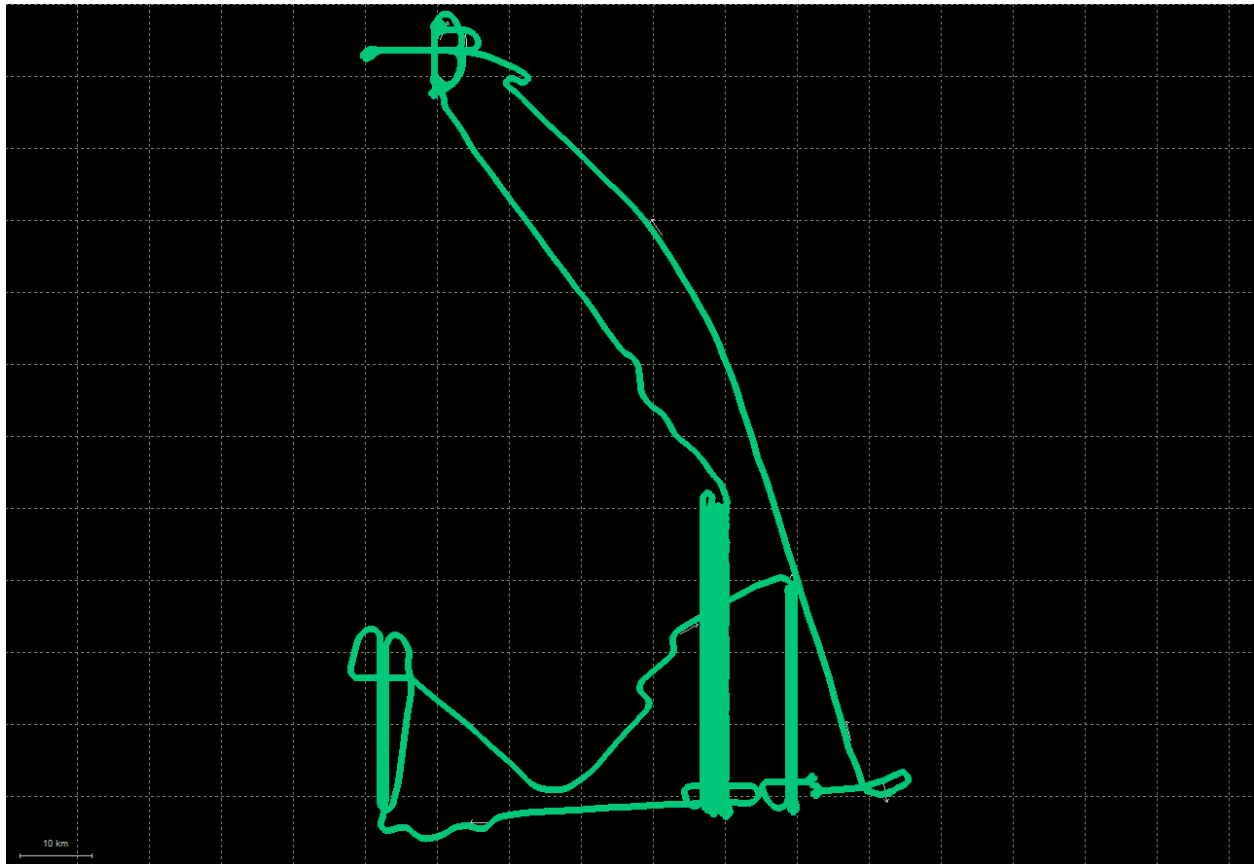


Figure 2: GW_QC_1-20-19A_8177 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

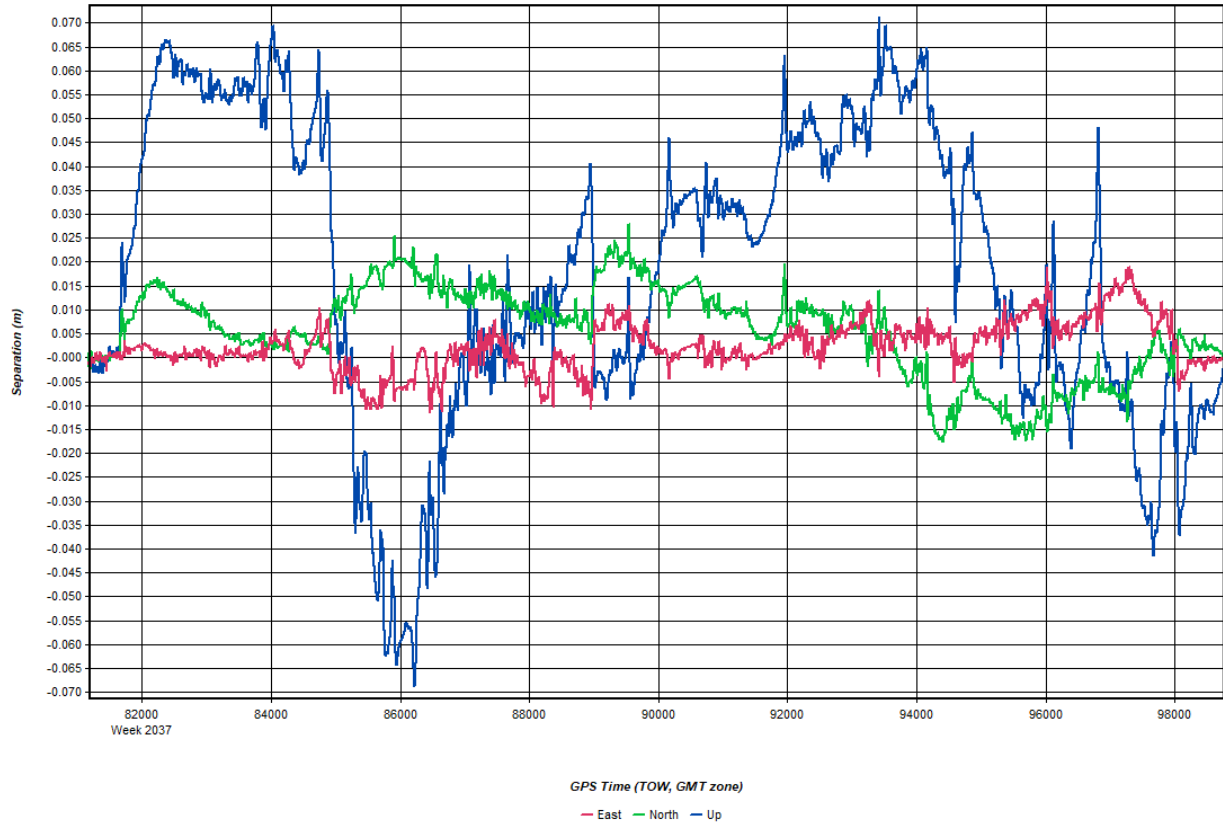
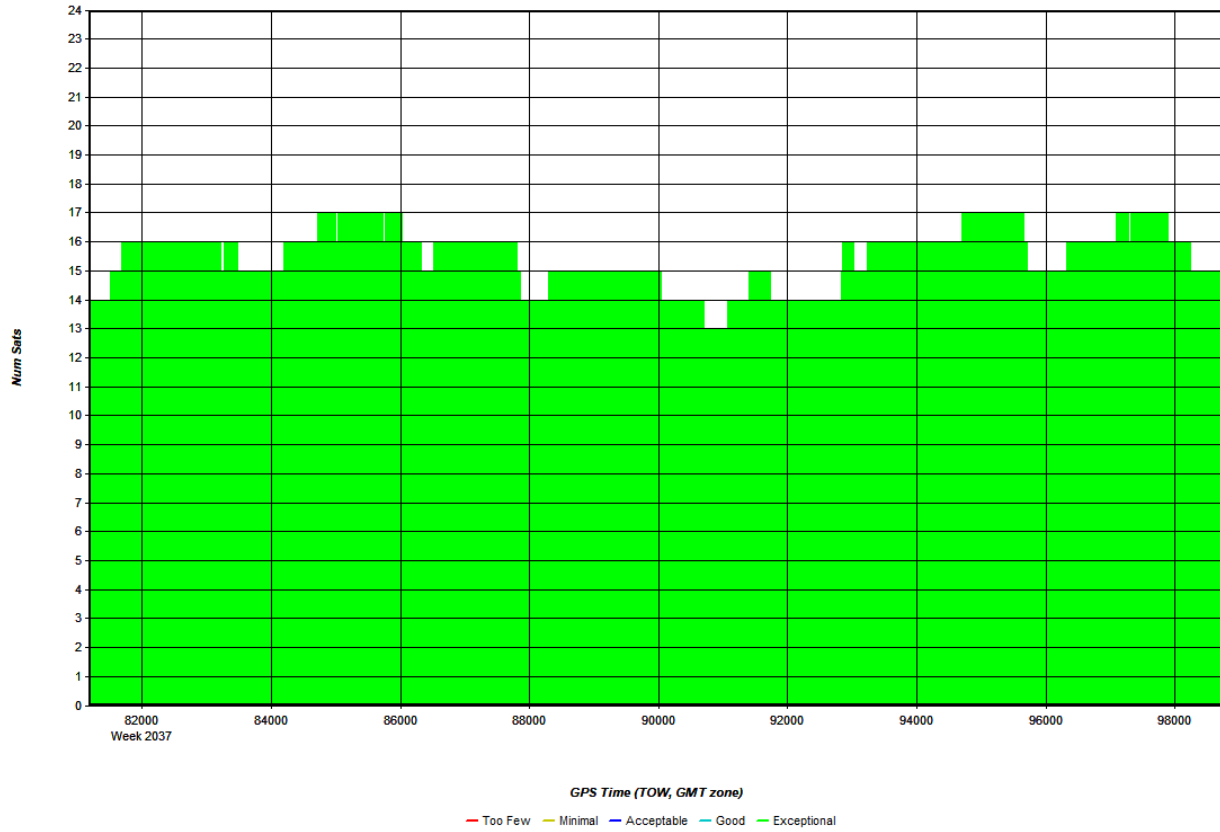


Figure 3: GW_QC_1-20-19A_8177 [Smoothed TC Combined] - PDOP Plot



Figure 4: GW_QC_1-20-19A_8177 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: I:\Proc_\33747_FL_LiDAR\Jim_Swinford_Recvd_1-22-19\33747_01202019_8177_N704MD\20190120_223130\GW_QC_1-20-19A_8177.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 35216

No processed position: 7

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0148 (m)

C/A Code: 1.07 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.006 (m)

North: 0.011 (m)

Height: 0.036 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 125.384 (km)

Minimum: 0.002 (km)

Average: 52.065 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_1-20-19A_8177 [Smoothed TC Combined] - Accelerometer Bias Plot

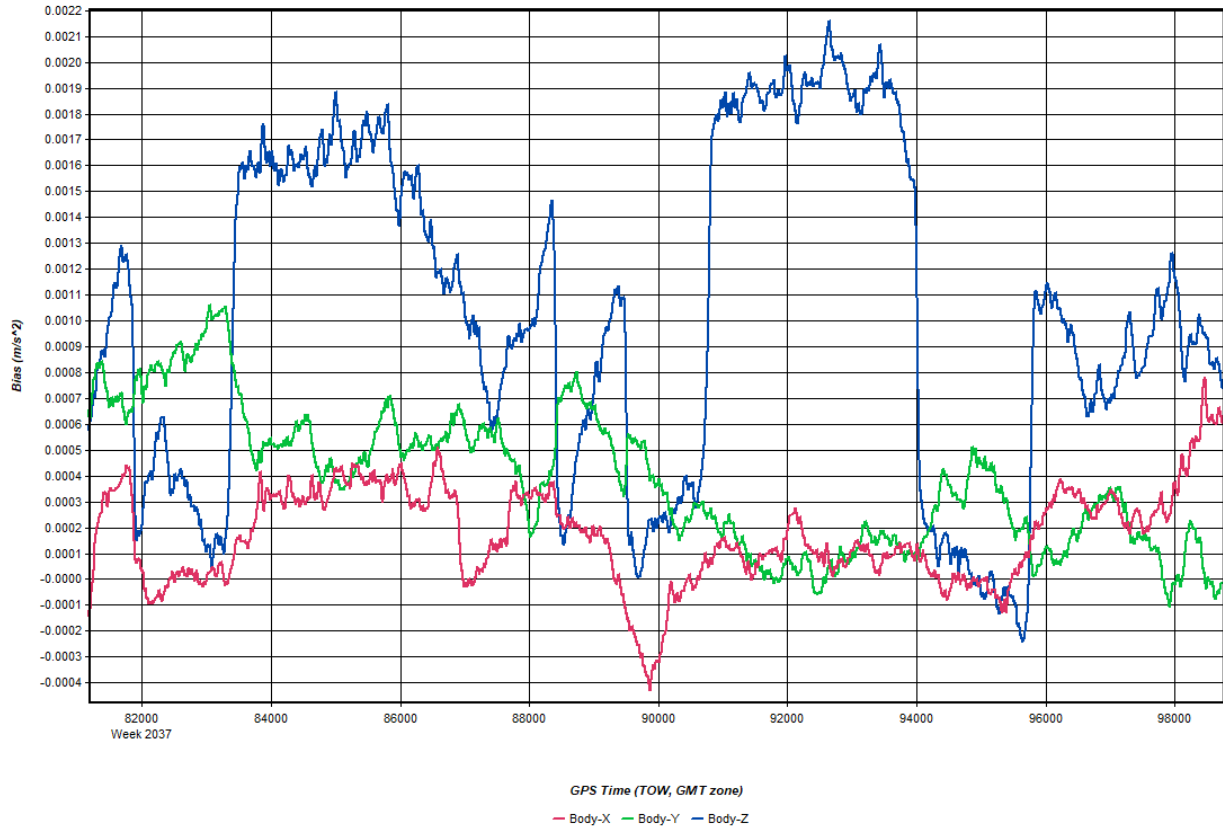
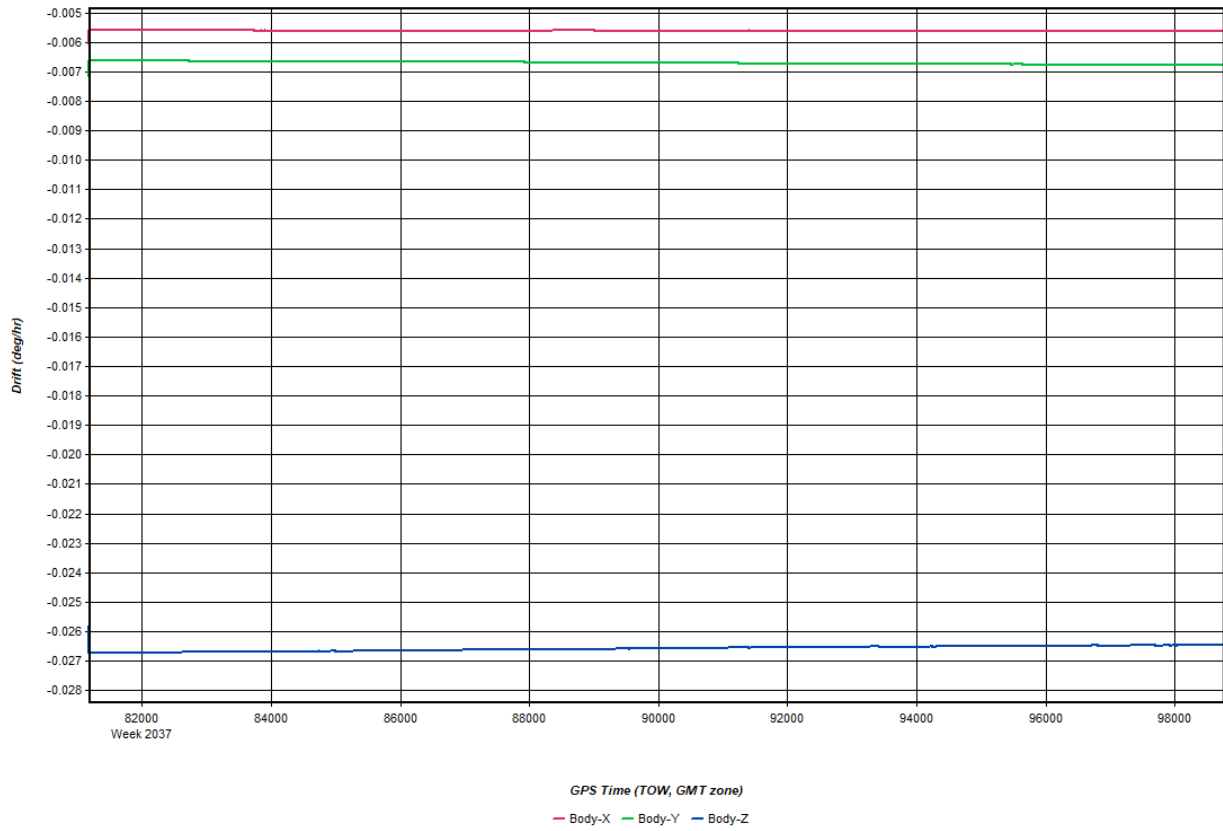


Figure 6: GW_QC_1-20-19A_8177 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-21-19A_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

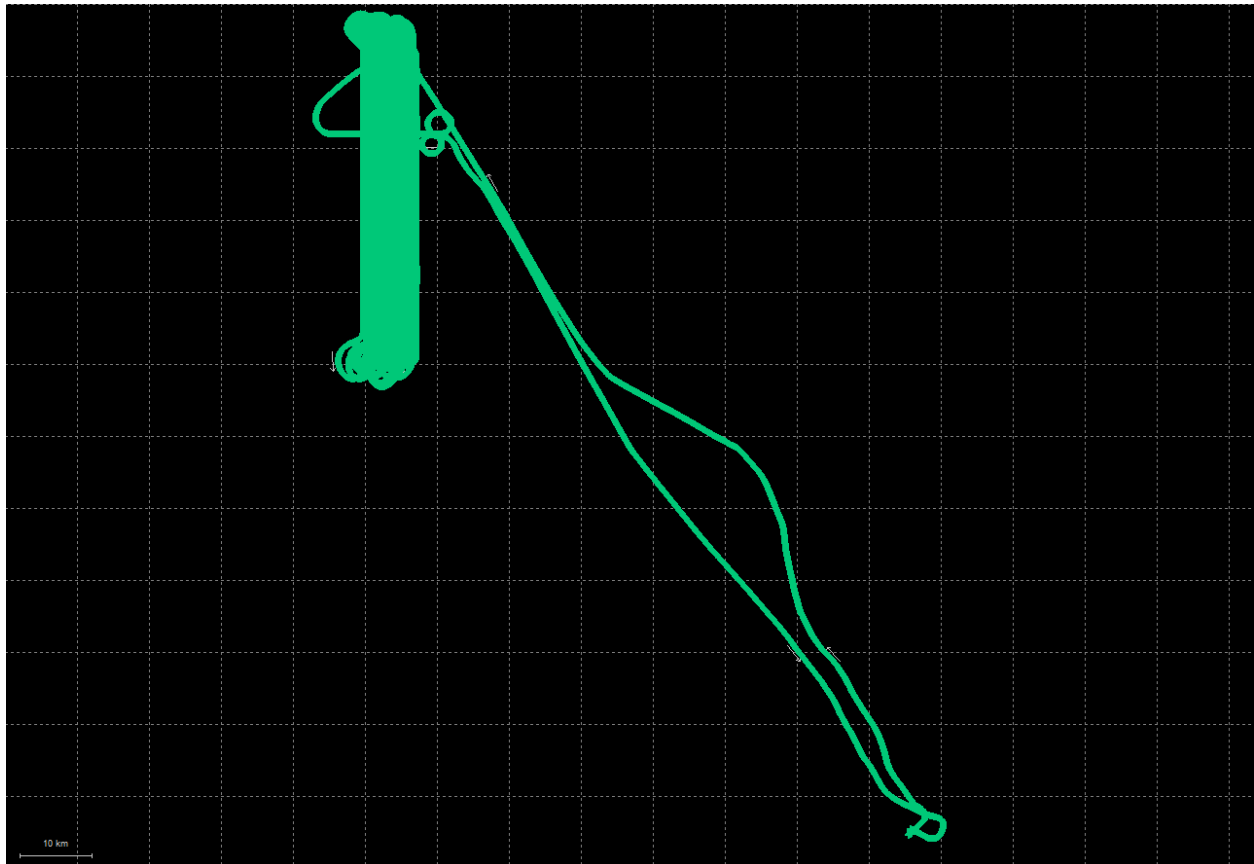


Figure 2: GW_QC_1-21-19A_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

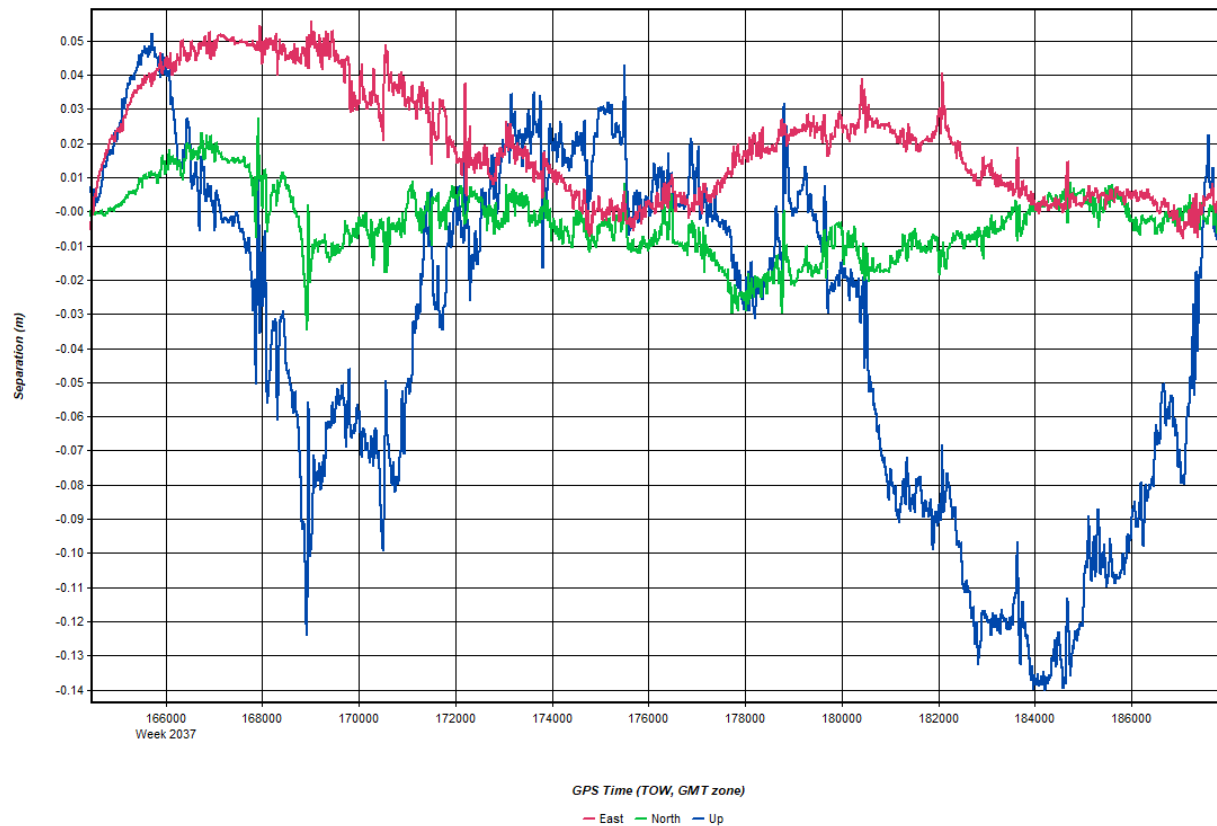


Figure 3: GW_QC_1-21-19A_8119 [Smoothed TC Combined] - PDOP Plot

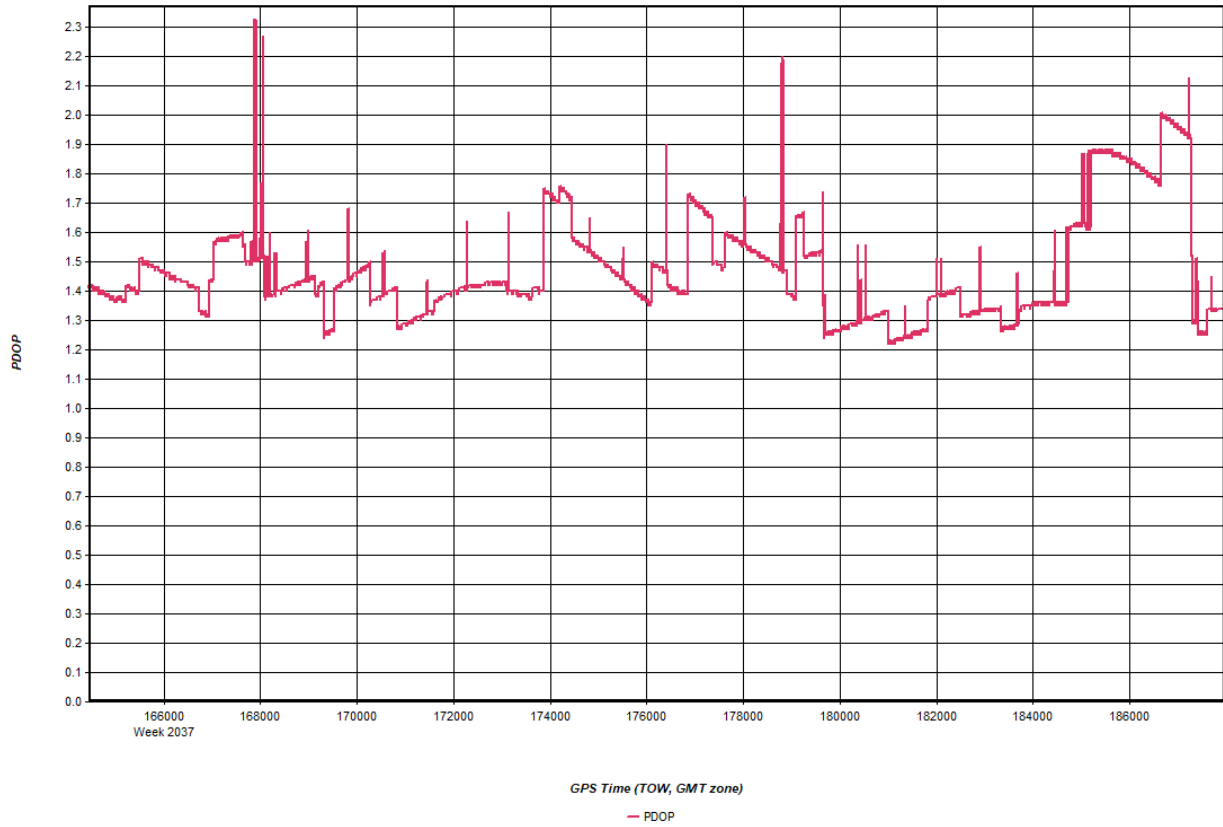
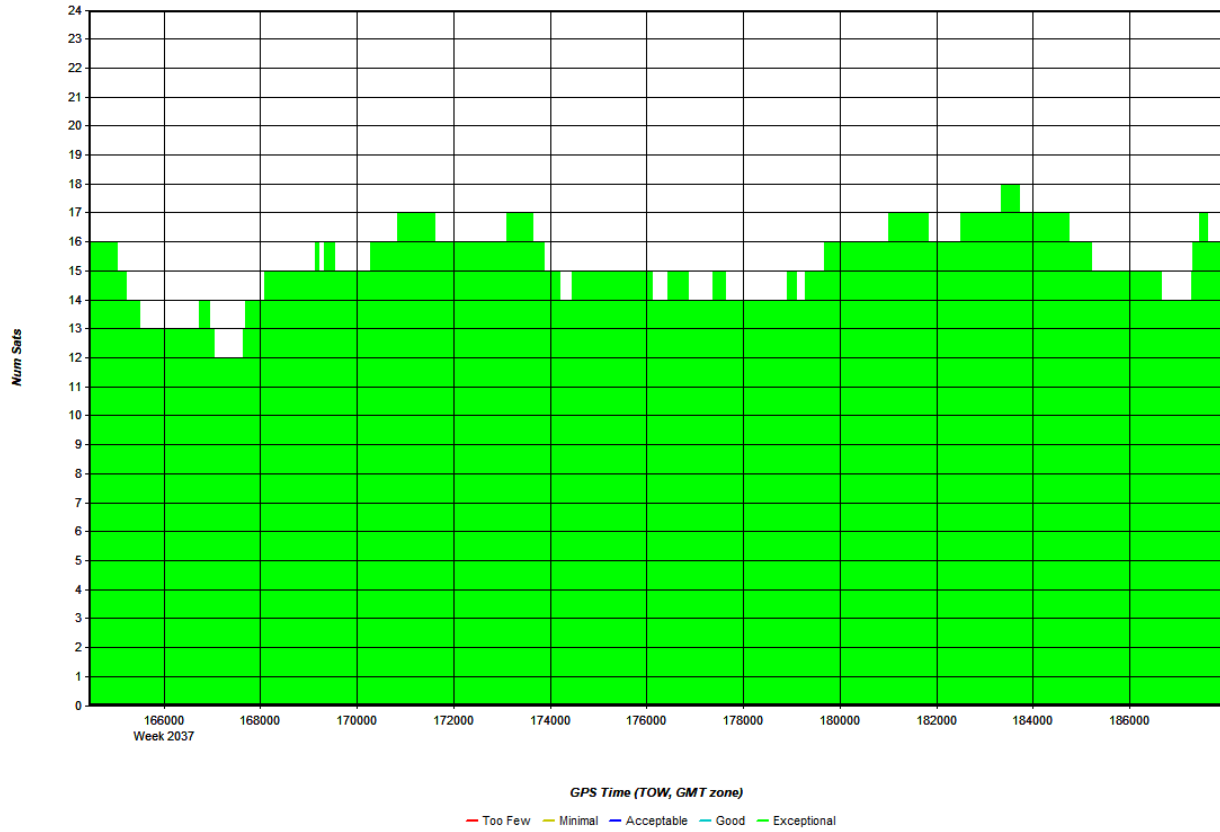


Figure 4: GW_QC_1-21-19A_8119 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: I:\Proc_\33747_FL_LiDAR\Tim_Mccoy_Recvd_1-24-19\20190121_213904\GW_QC_1-21-19A_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 47087

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0201 (m)

C/A Code: 0.60 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.026 (m)

North: 0.010 (m)

Height: 0.061 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 137.039 (km)

Minimum: 0.003 (km)

Average: 96.829 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_1-21-19A_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

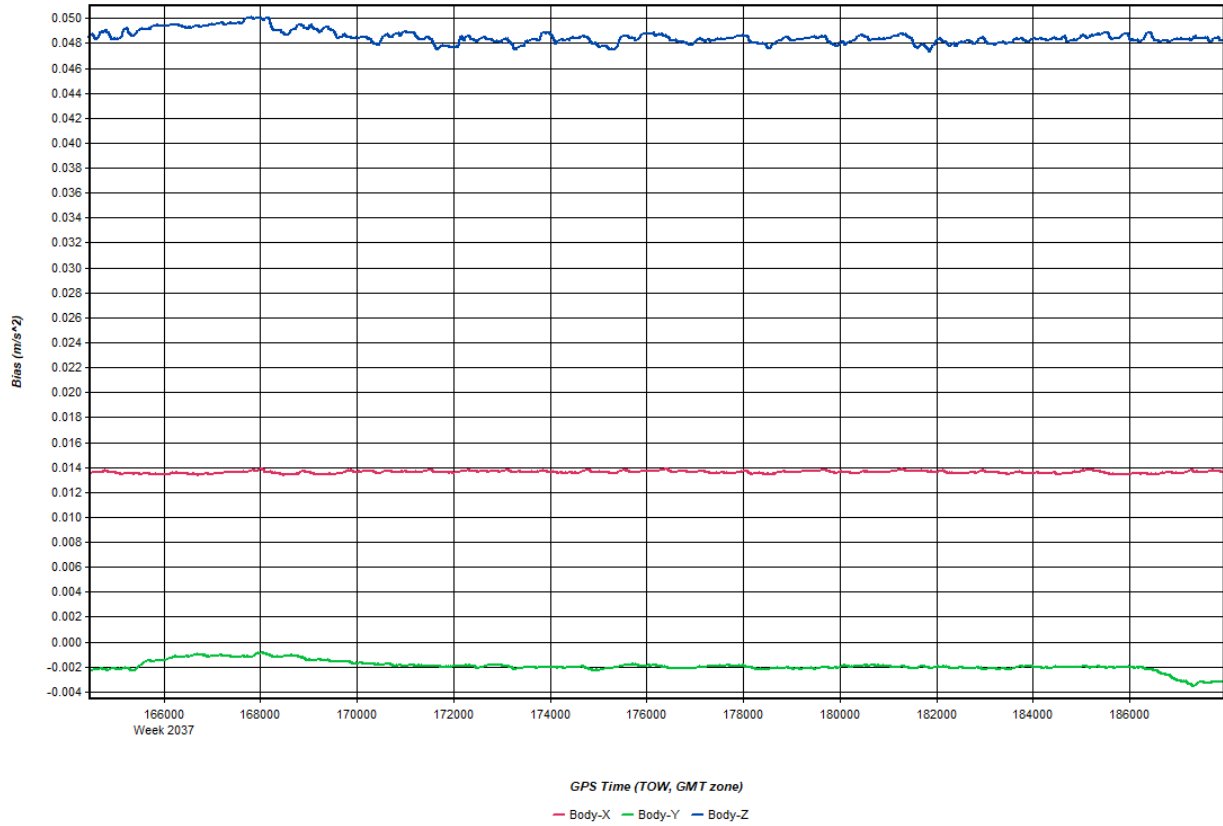
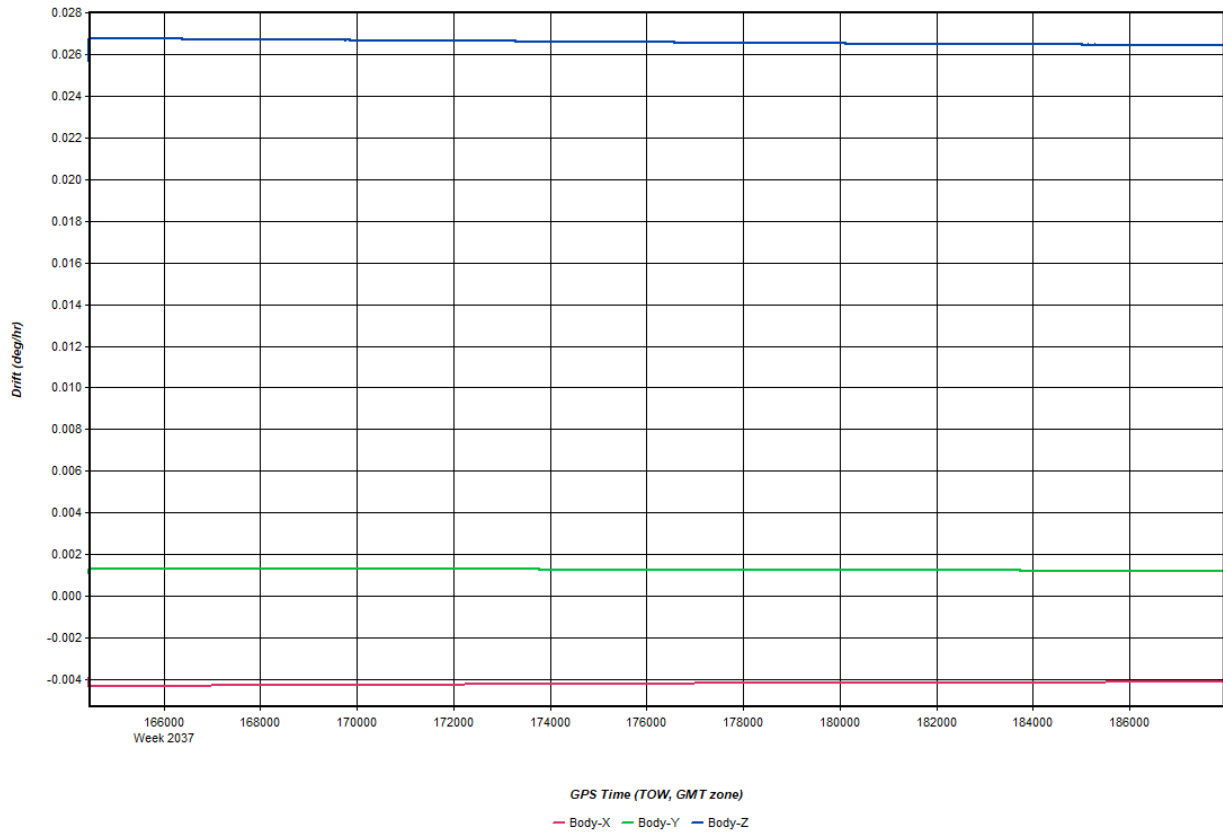


Figure 6: GW_QC_1-21-19A_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_1-21-19A_8177

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

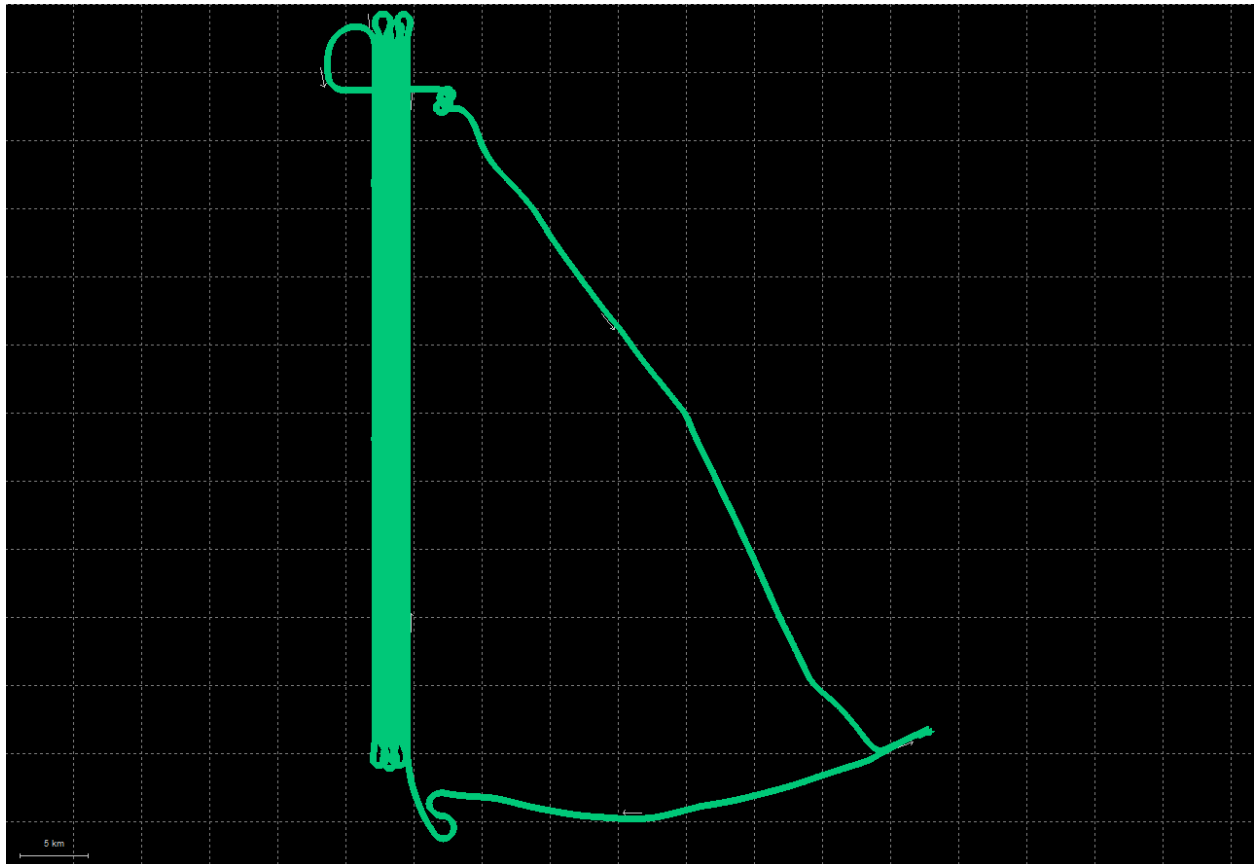


Figure 2: GW_QC_1-21-19A_8177 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

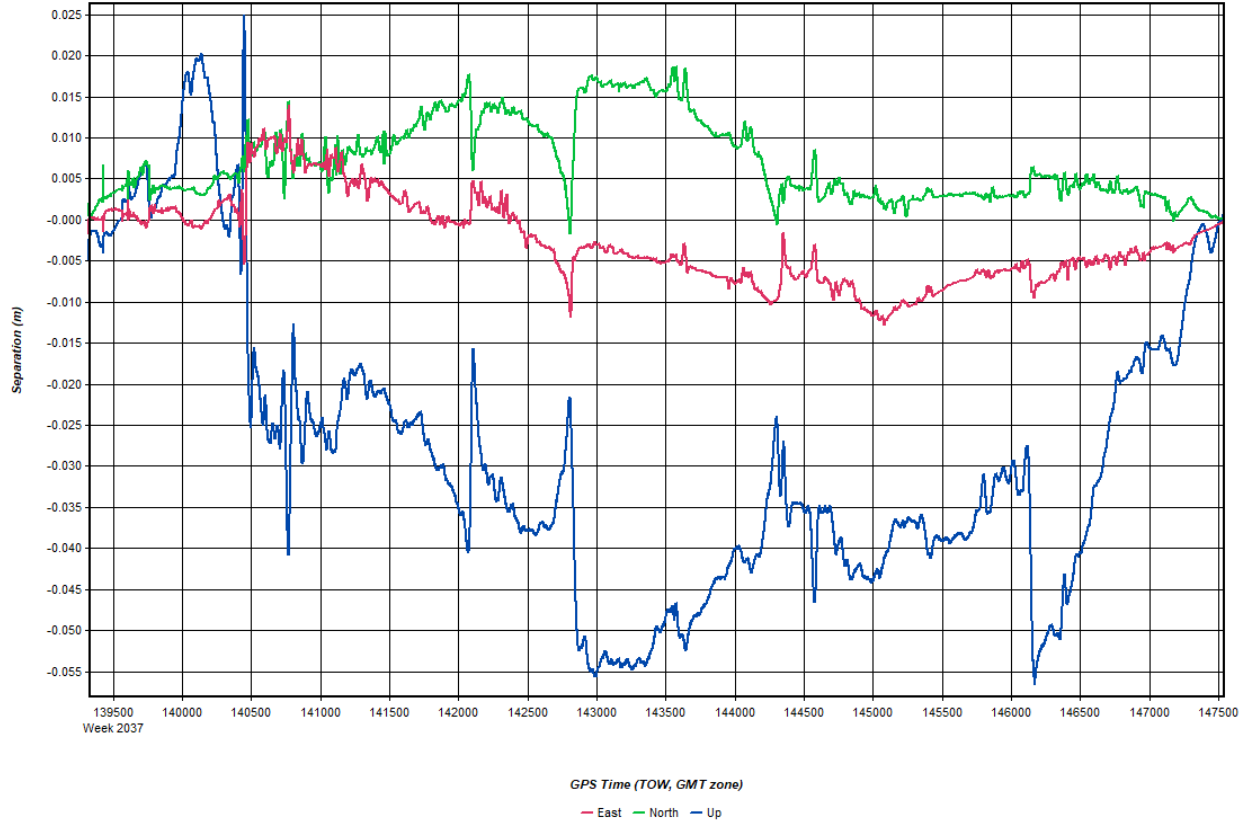


Figure 3: GW_QC_1-21-19A_8177 [Smoothed TC Combined] - PDOP Plot

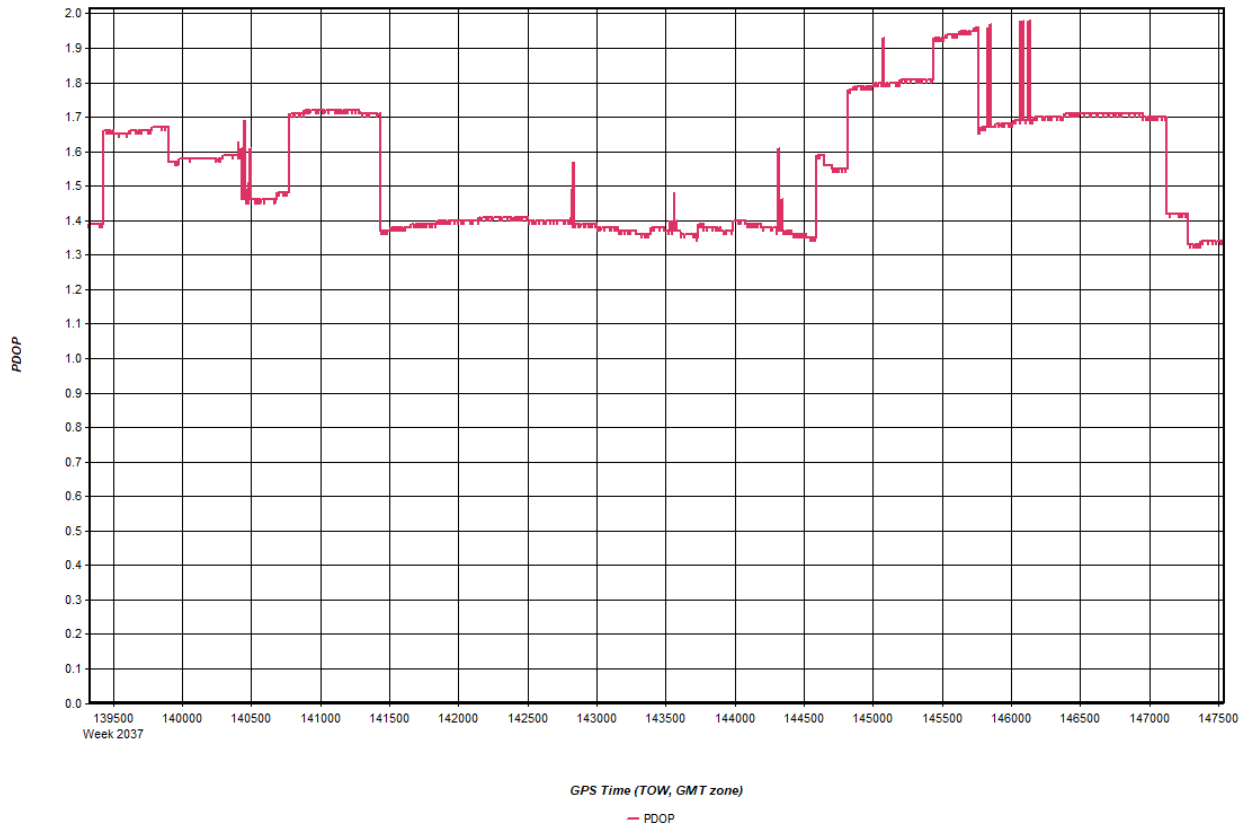
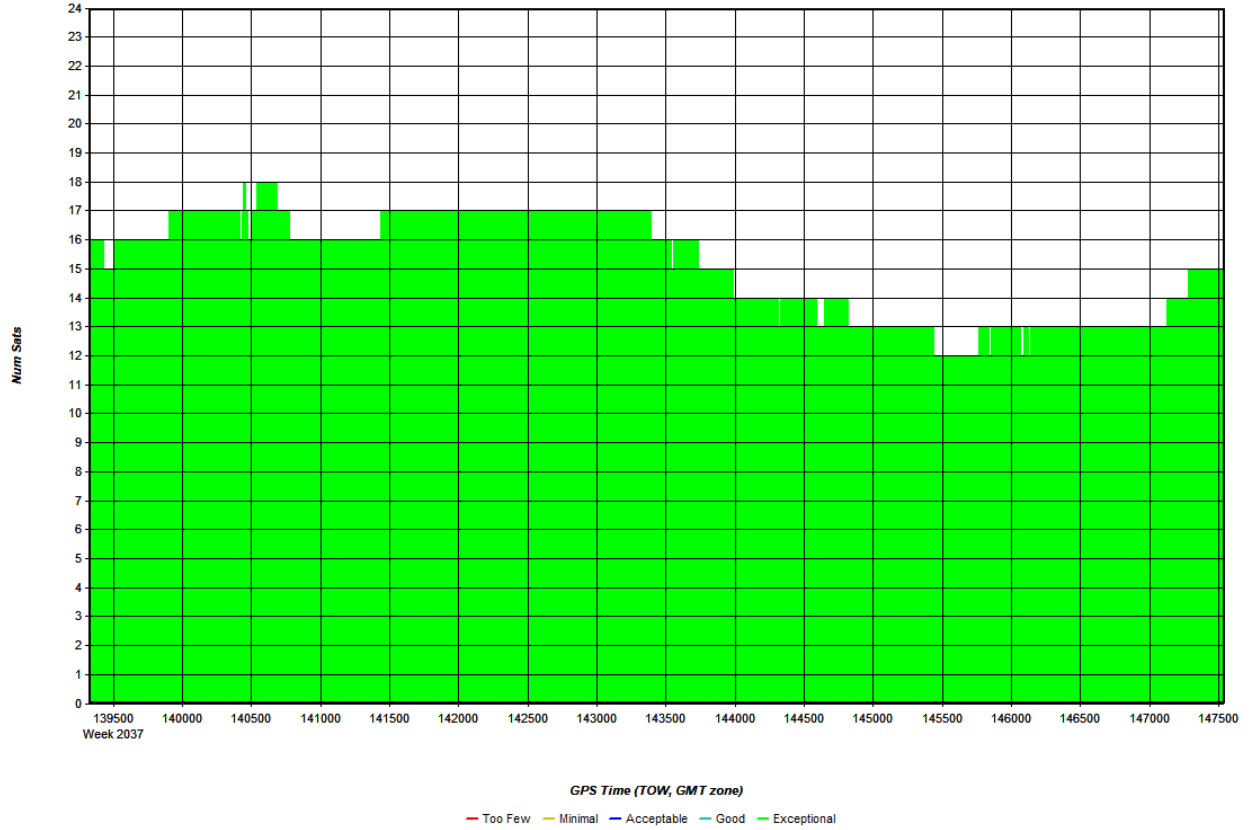


Figure 4: GW_QC_1-21-19A_8177 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: I:\Proc_\33747_FL_LiDAR\Jim_Swinford_Recvd_1-22-19\33747_01212019_8177_N704MD\20190121_144034\GW_QC_1-21-19A_8177.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 16457

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0124 (m)

C/A Code: 1.00 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.006 (m)

North: 0.009 (m)

Height: 0.033 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 66.550 (km)

Minimum: 0.002 (km)

Average: 37.972 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_1-21-19A_8177 [Smoothed TC Combined] - Accelerometer Bias Plot

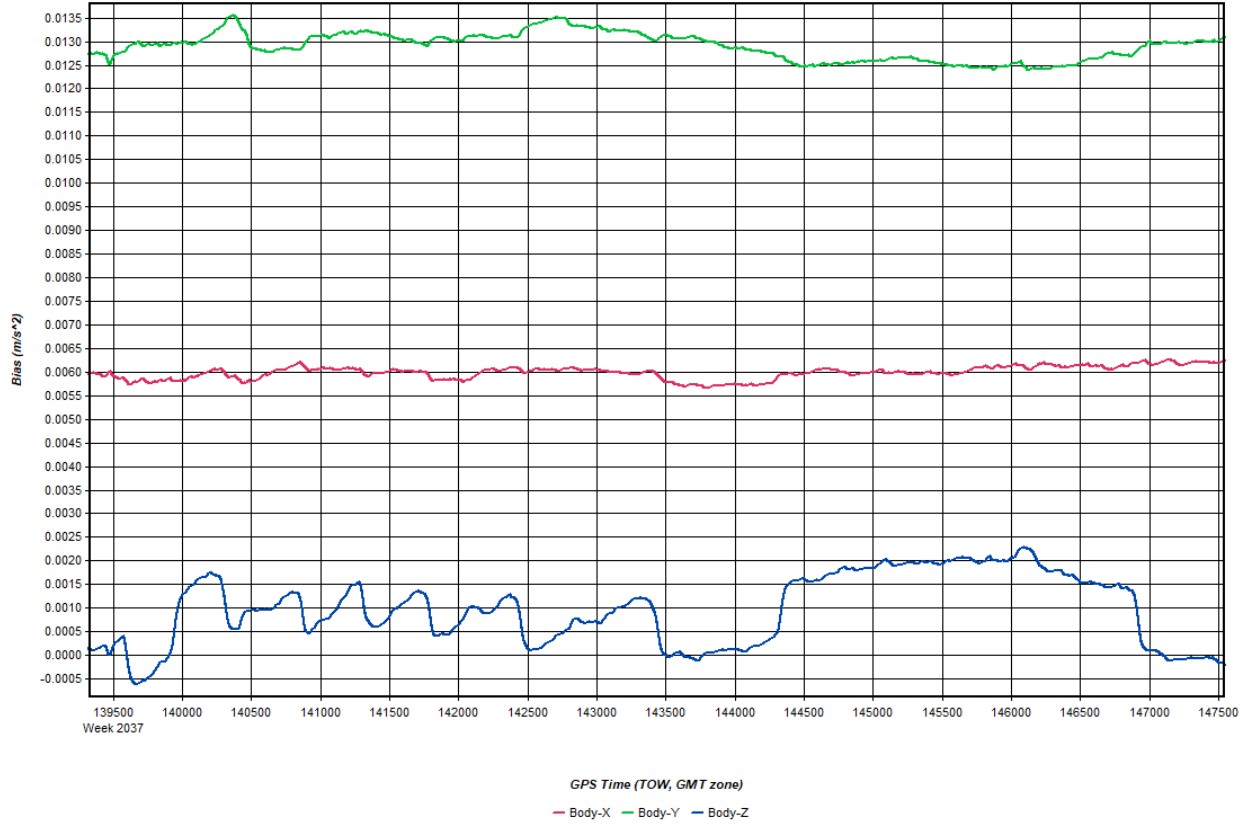
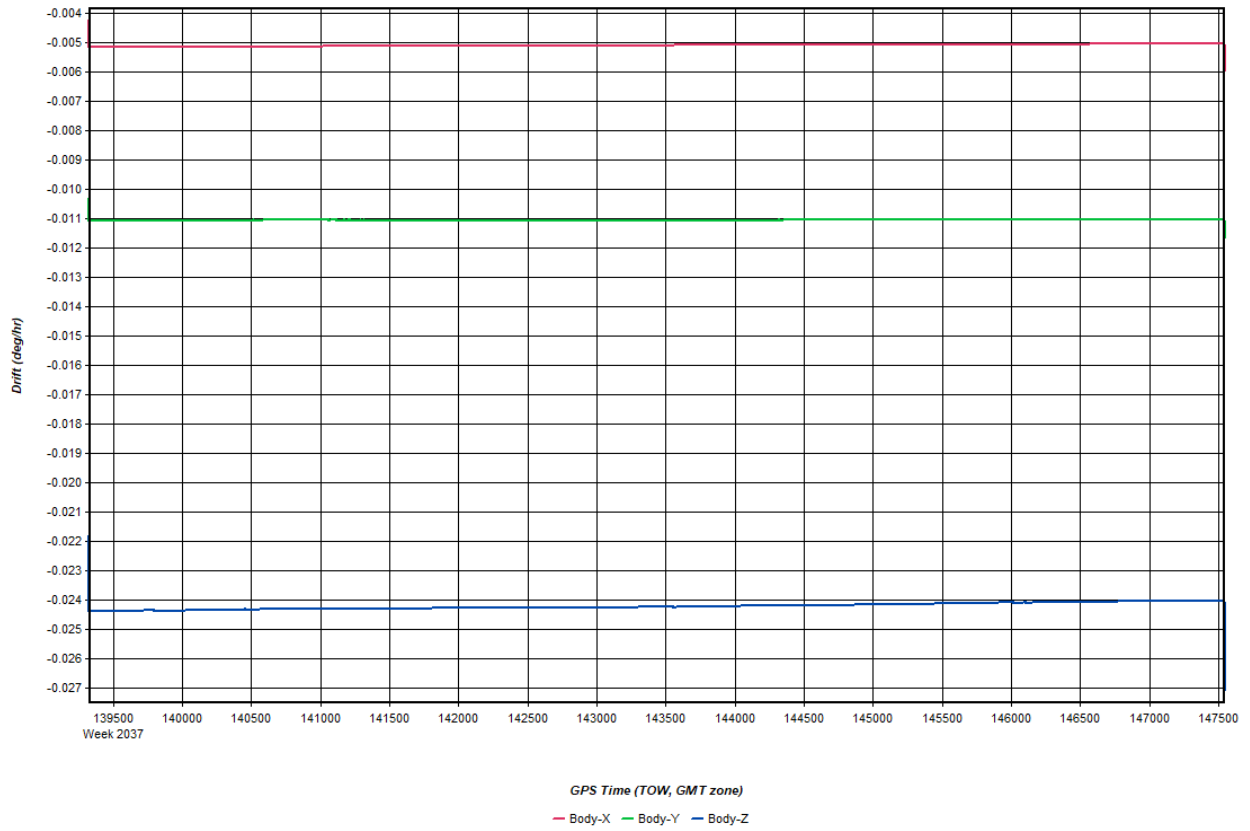


Figure 6: GW_QC_1-21-19A_8177 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_2-6-19A_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map



Figure 2: GW_2-6-19A_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

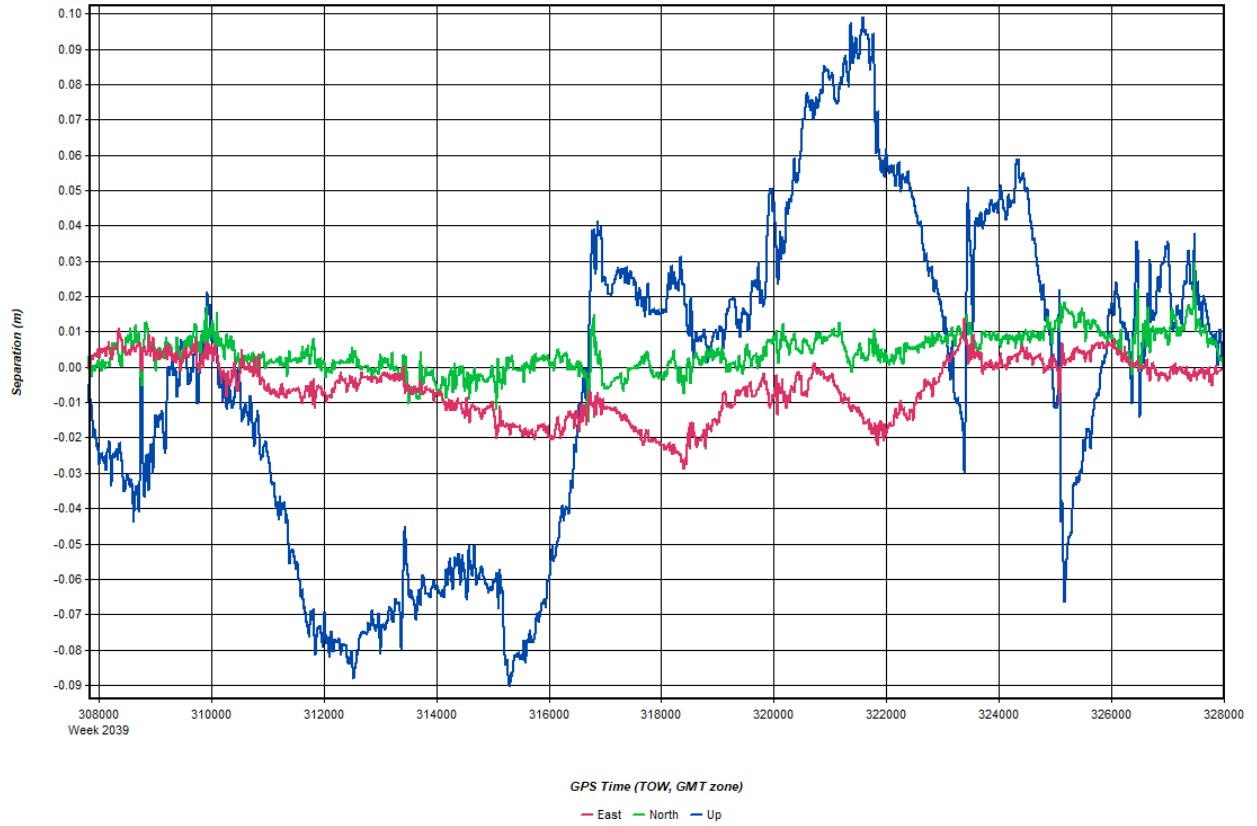
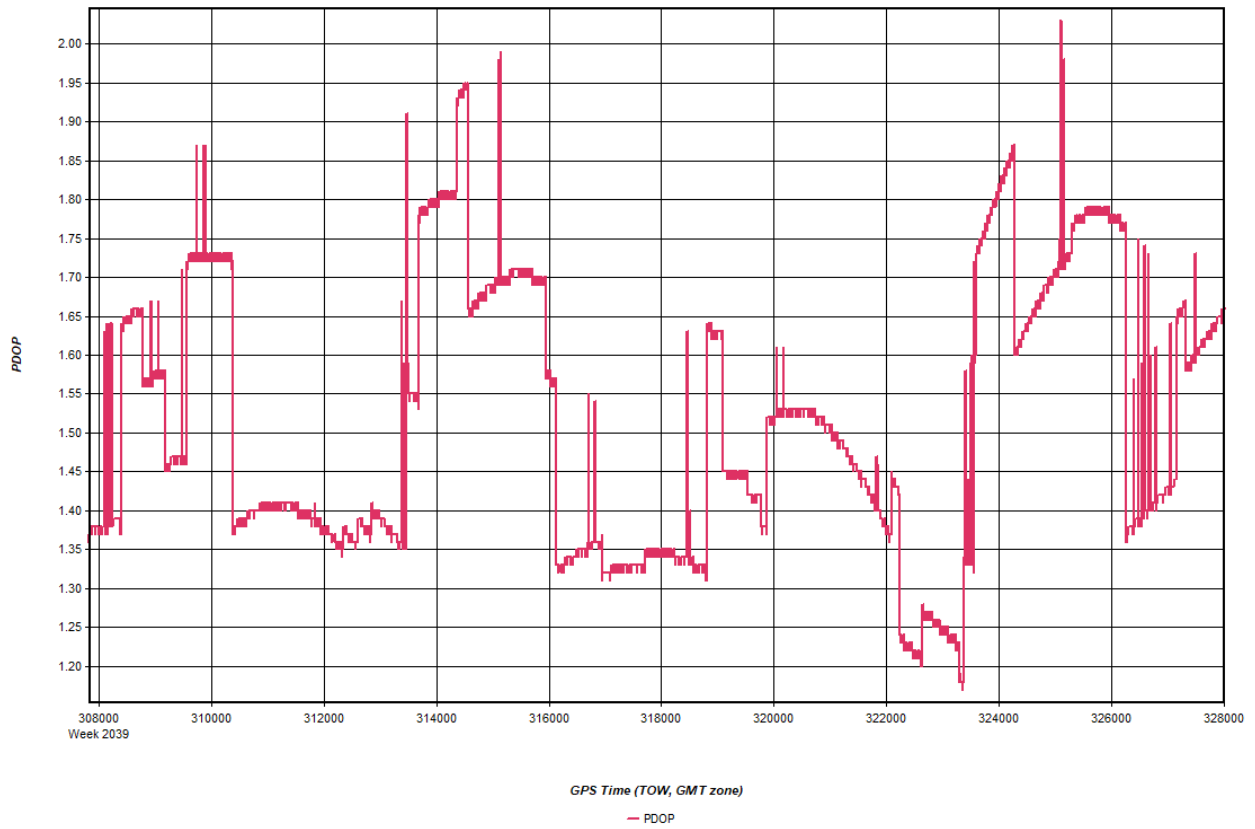
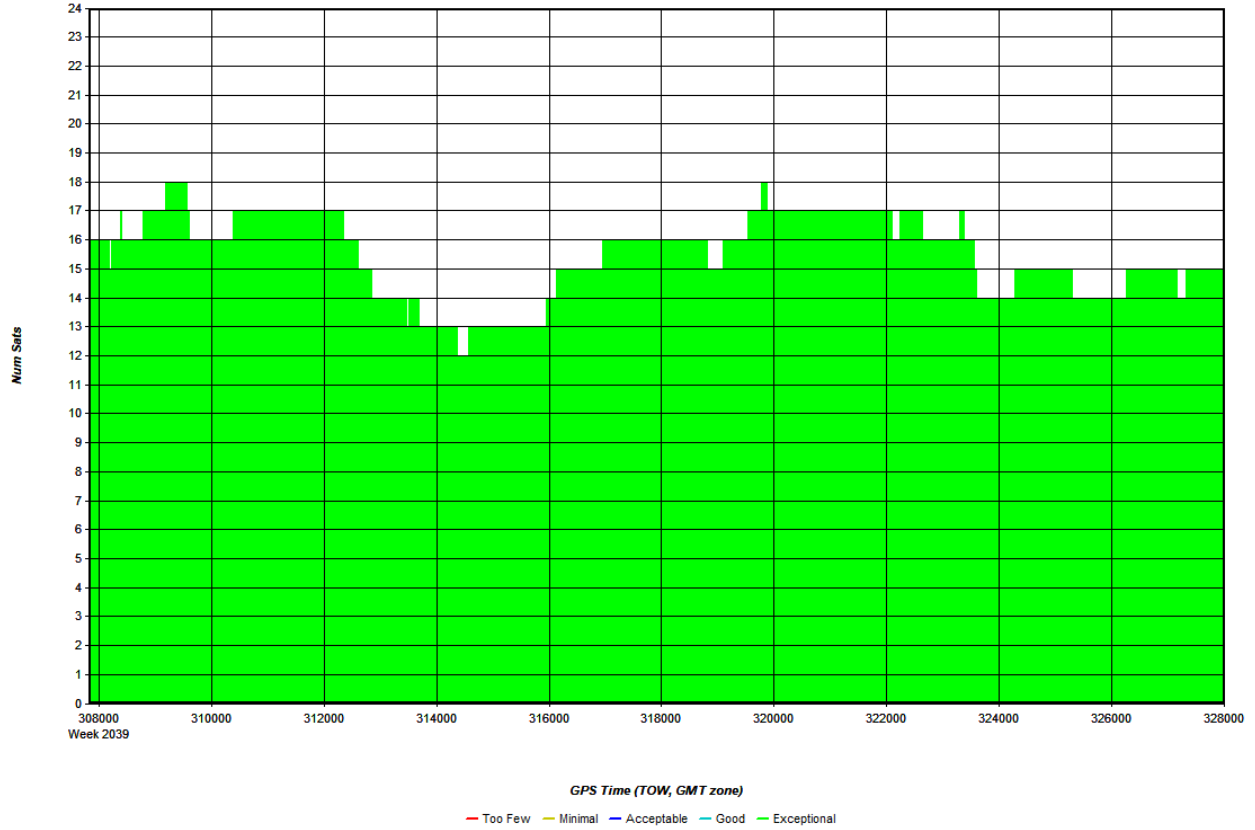


Figure 3: GW_2-6-19A_8119 [Smoothed TC Combined] - PDOP Plot



**Figure 4: GW_2-6-19A_8119 [Smoothed TC Combined] - Number of Satellites
Bar Plot**



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: J:\Proc_\33747_FL_LiDAR\TimMcCoy_Recvd_2-8-19\20190206_132858\GW_2-6-19A_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 40415

No processed position: 2

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0199 (m)

C/A Code: 0.92 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.010 (m)

North: 0.007 (m)

Height: 0.046 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 116.267 (km)

Minimum: 0.001 (km)

Average: 59.373 (km)

First Epoch: 0.001 (km)

Last Epoch: 0.001 (km)

Figure 5: GW_2-6-19A_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

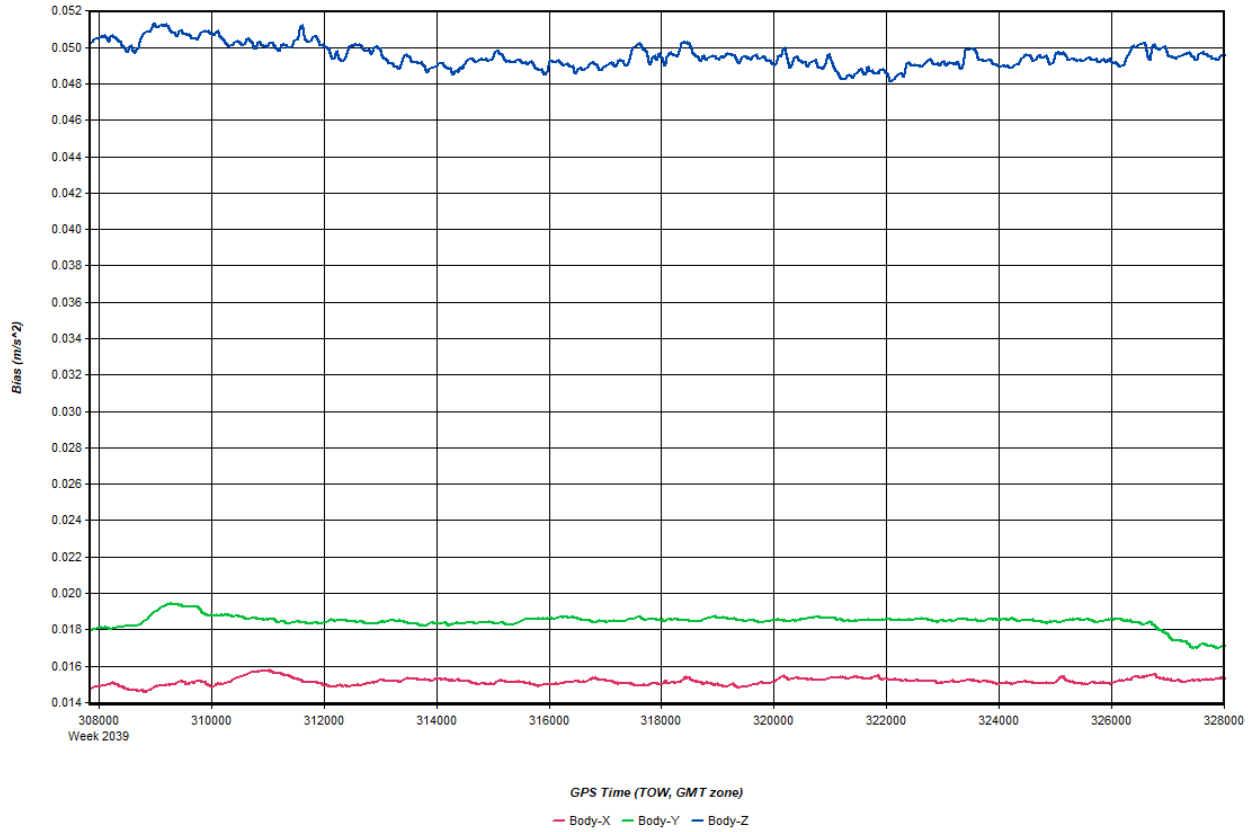
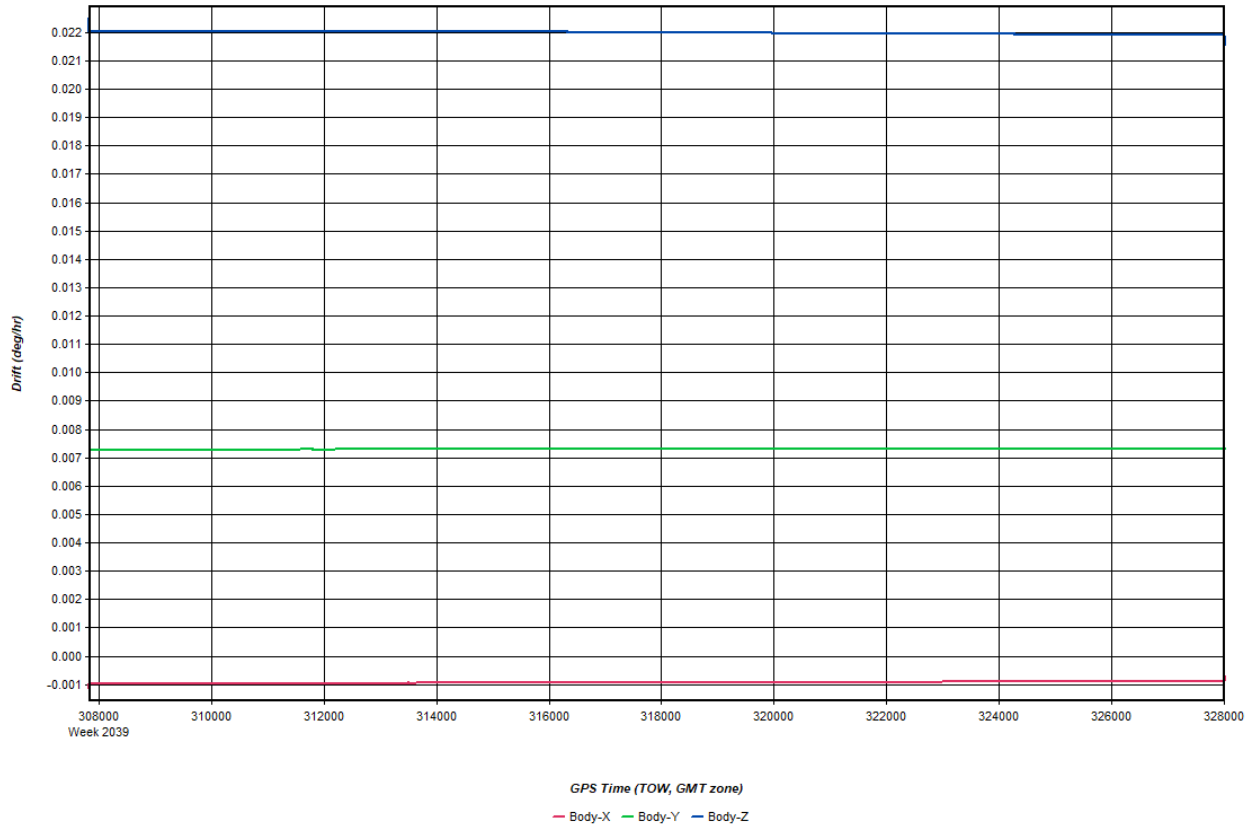


Figure 6: GW_2-6-19A_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_020719A_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

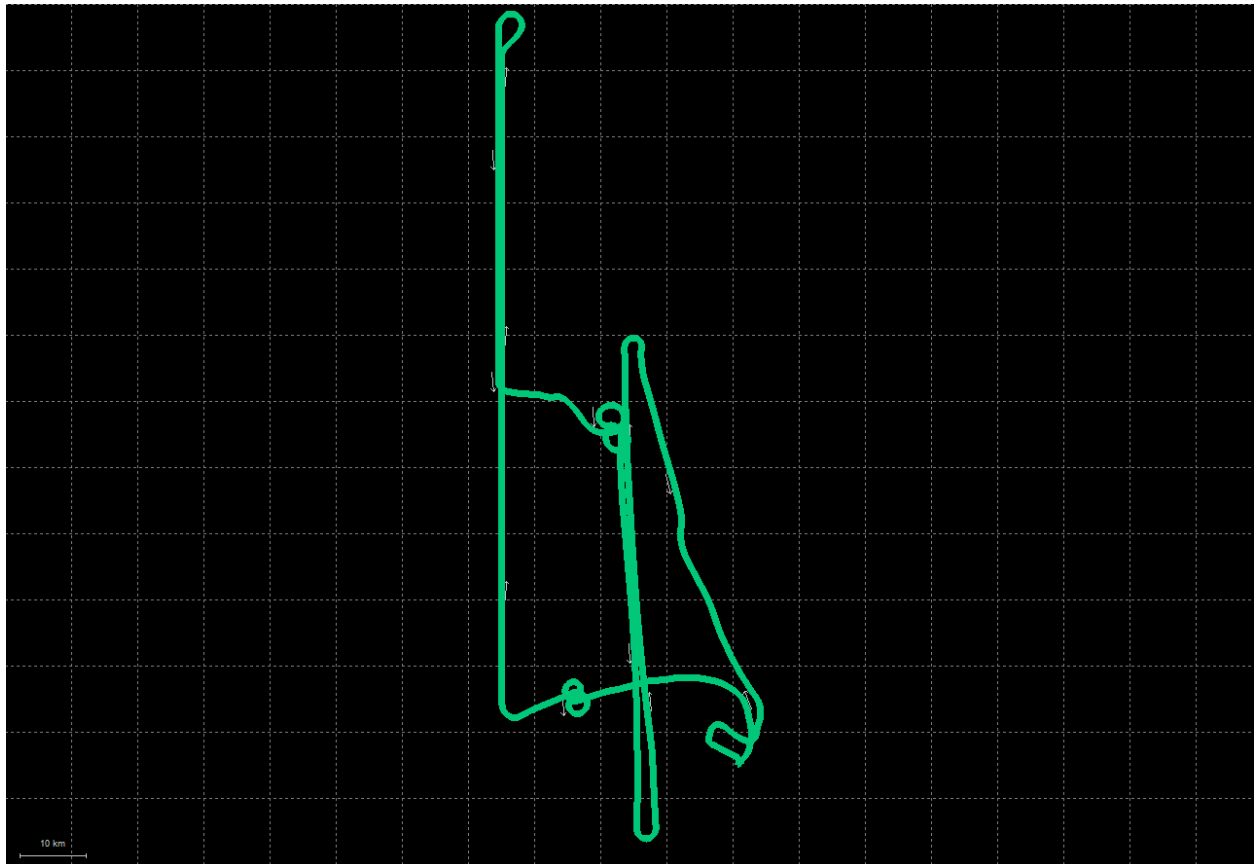


Figure 2: GW_QC_020719A_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

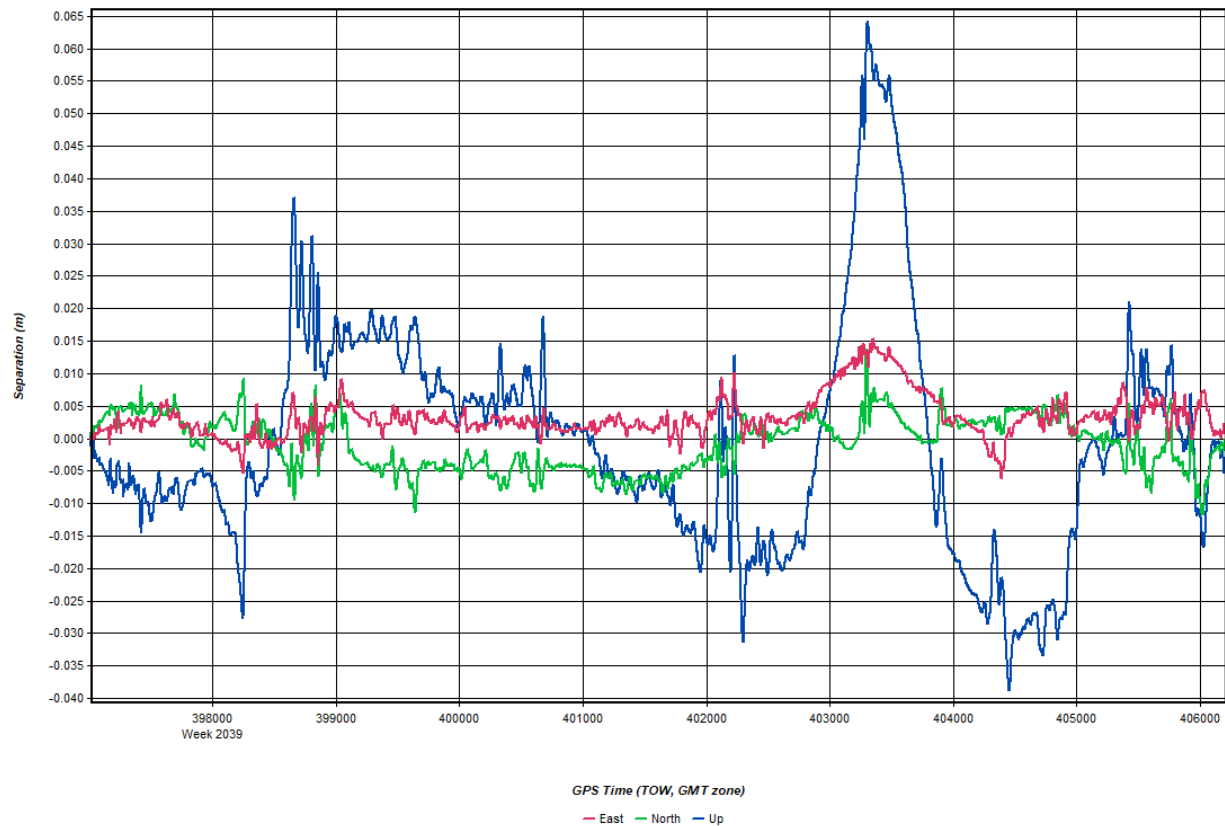


Figure 3: GW_QC_020719A_8119 [Smoothed TC Combined] - PDOP Plot

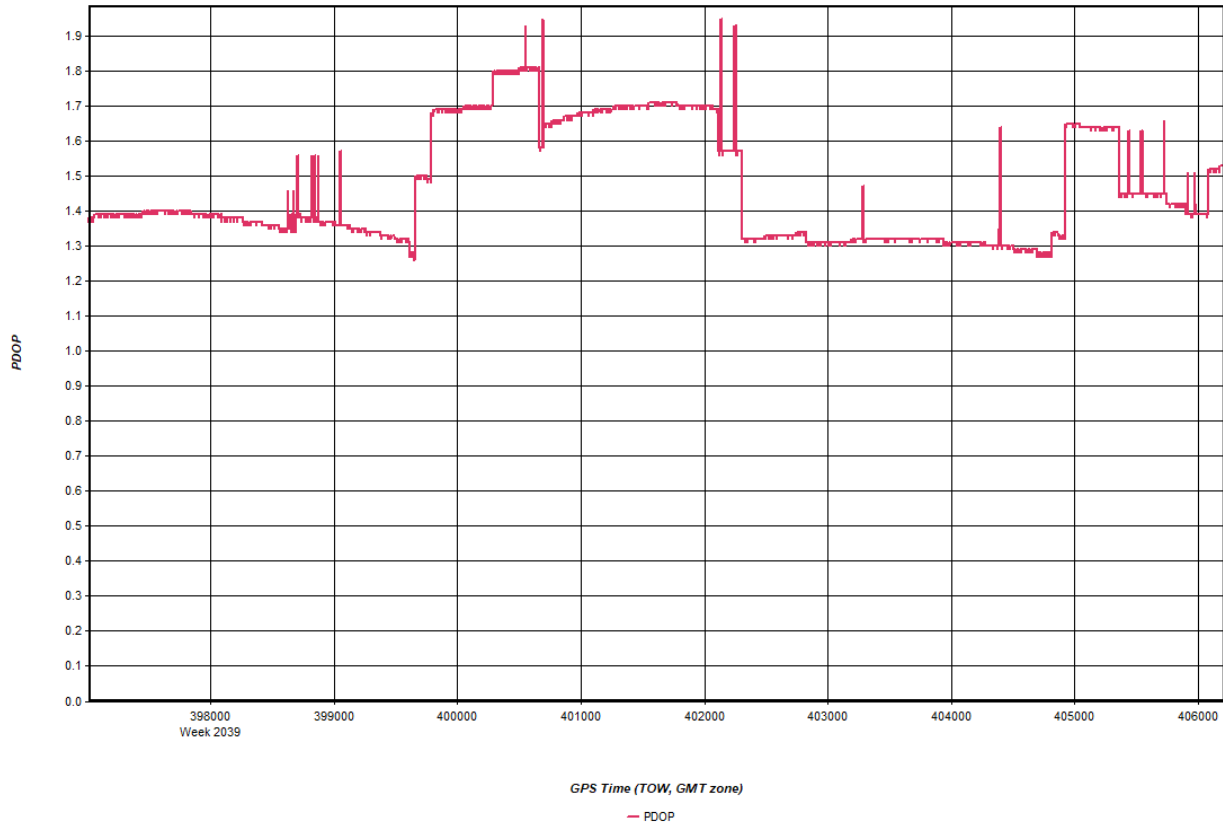
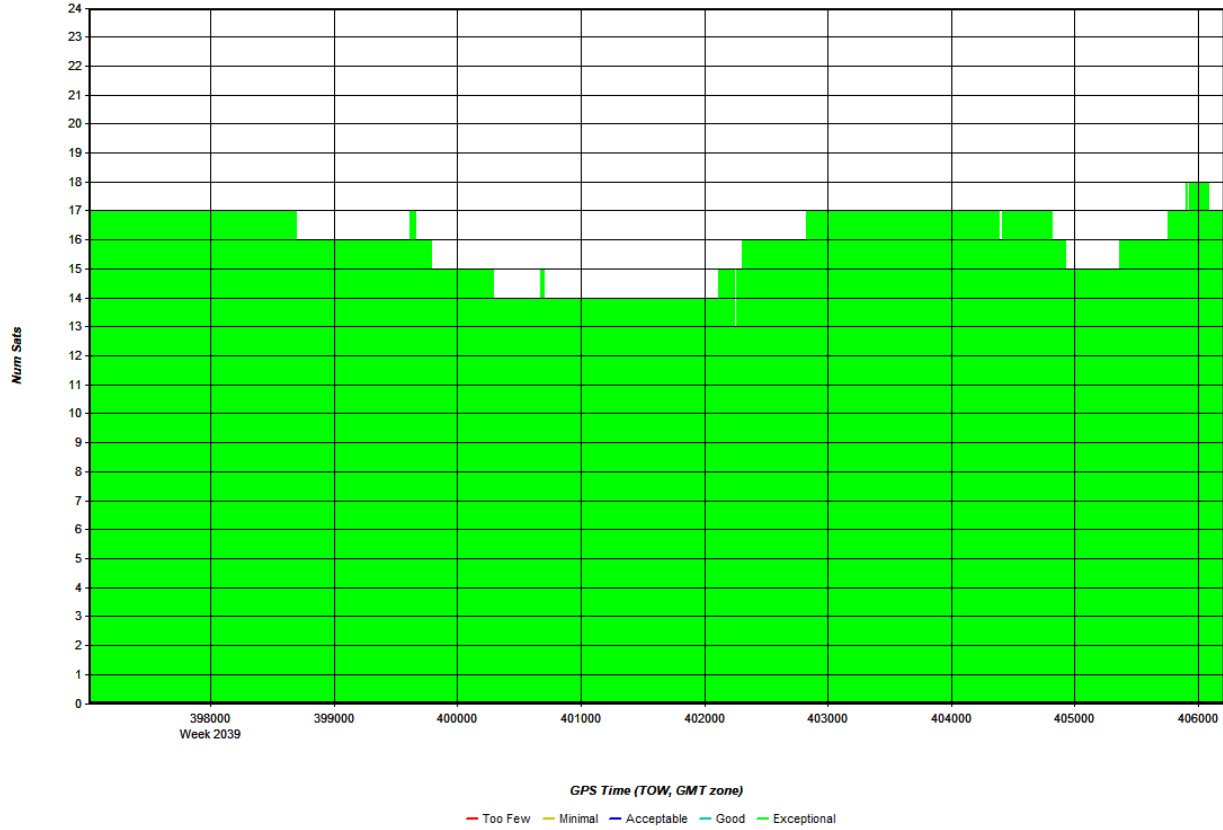


Figure 4: GW_QC_020719A_8119 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: J:\Proc_\33747_FL_LiDAR\Aeroptic_Recvd_2-13-19\8119_2\M3\20190207_141532\GW_QC_020719A_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 18415

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0145 (m)

C/A Code: 0.71 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.005 (m)

North: 0.004 (m)

Height: 0.018 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 116.894 (km)

Minimum: 0.001 (km)

Average: 39.725 (km)

First Epoch: 0.005 (km)

Last Epoch: 0.001 (km)

Figure 5: GW_QC_020719A_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

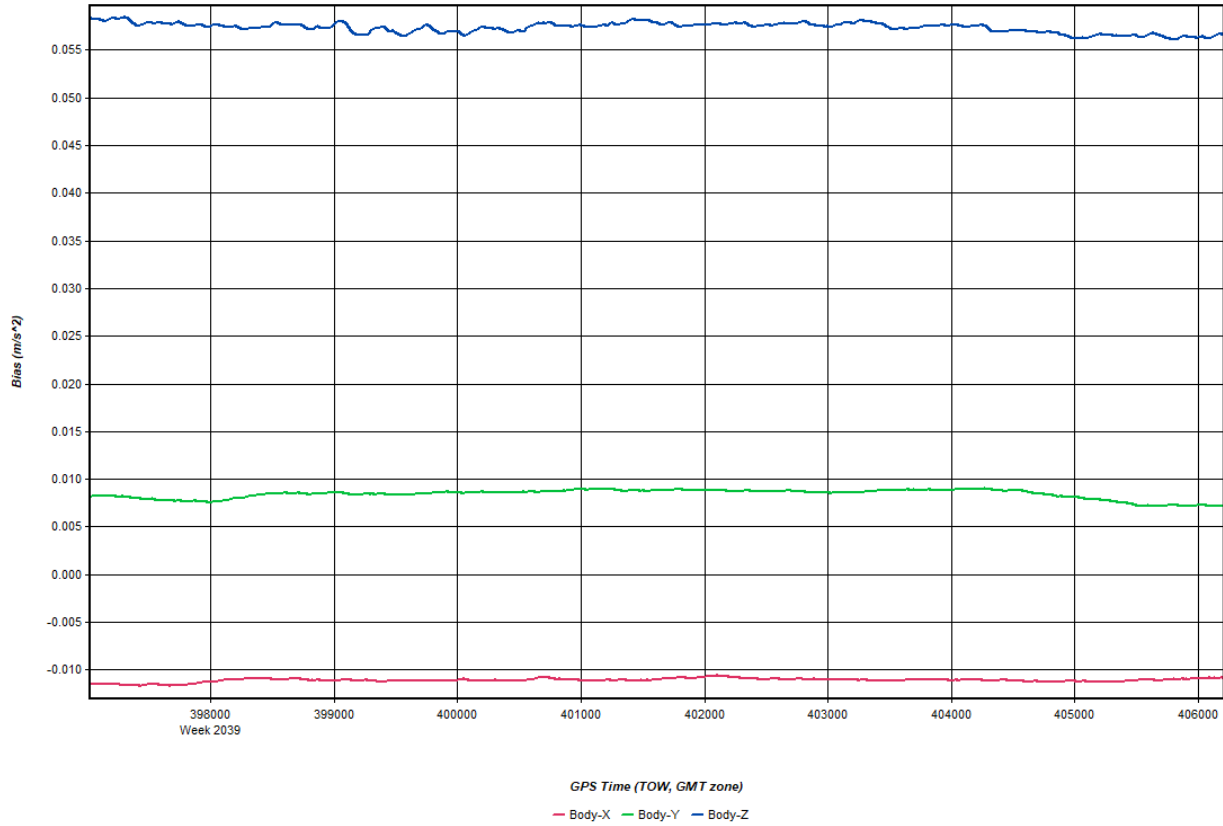
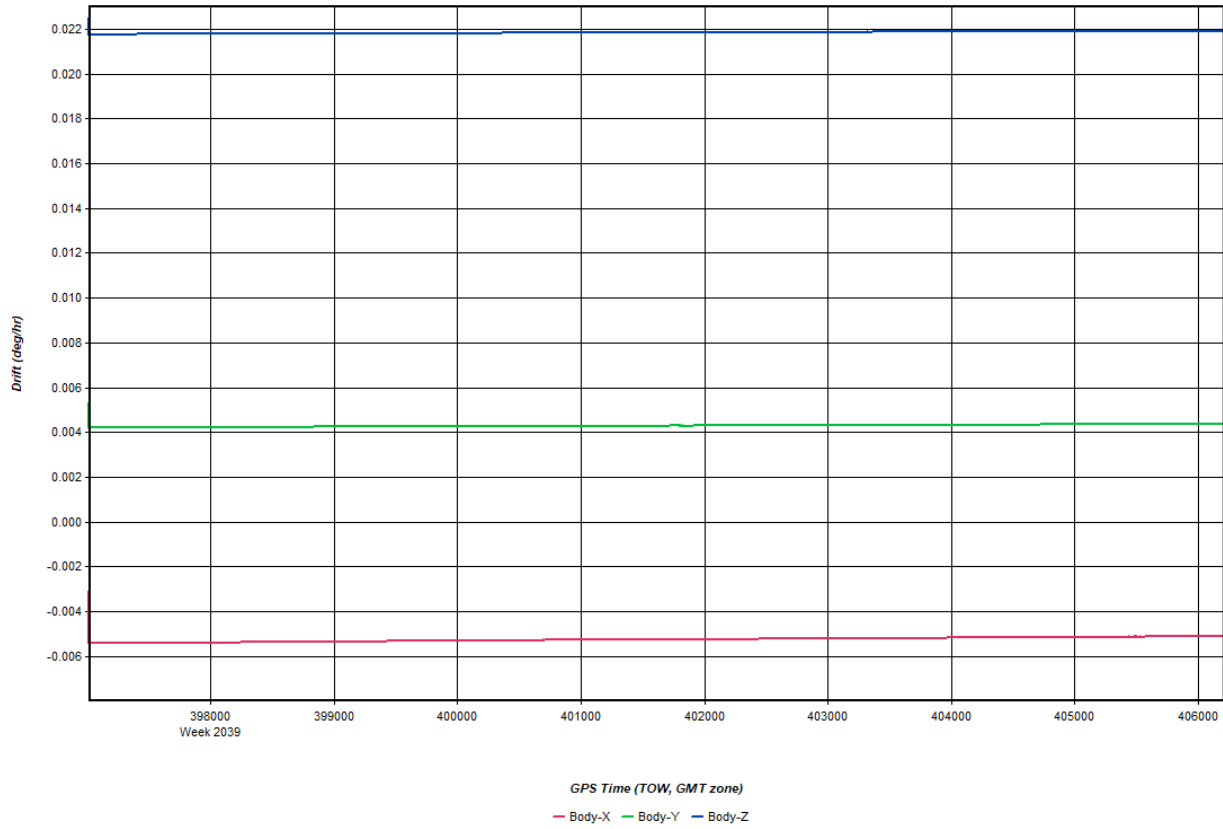


Figure 6: GW_QC_020719A_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_020819A_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

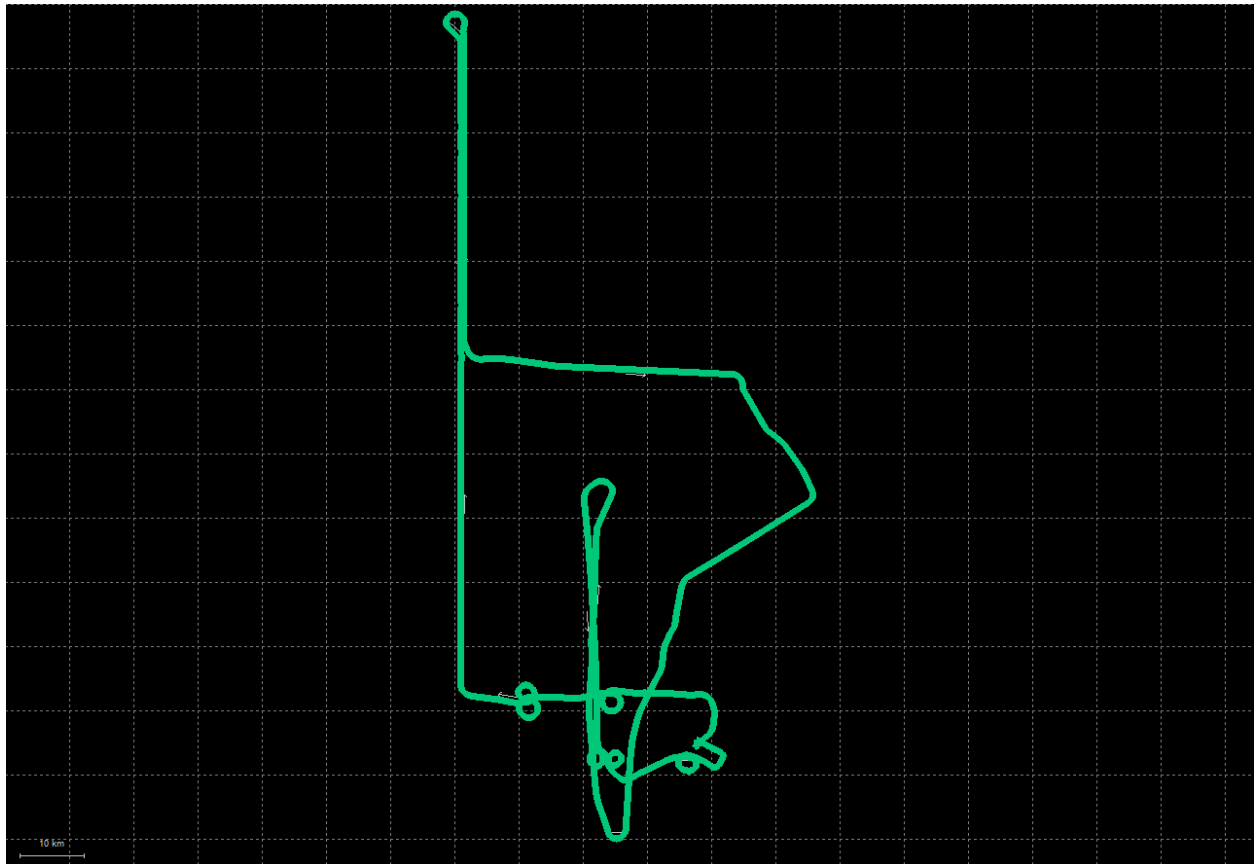


Figure 2: GW_020819A_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

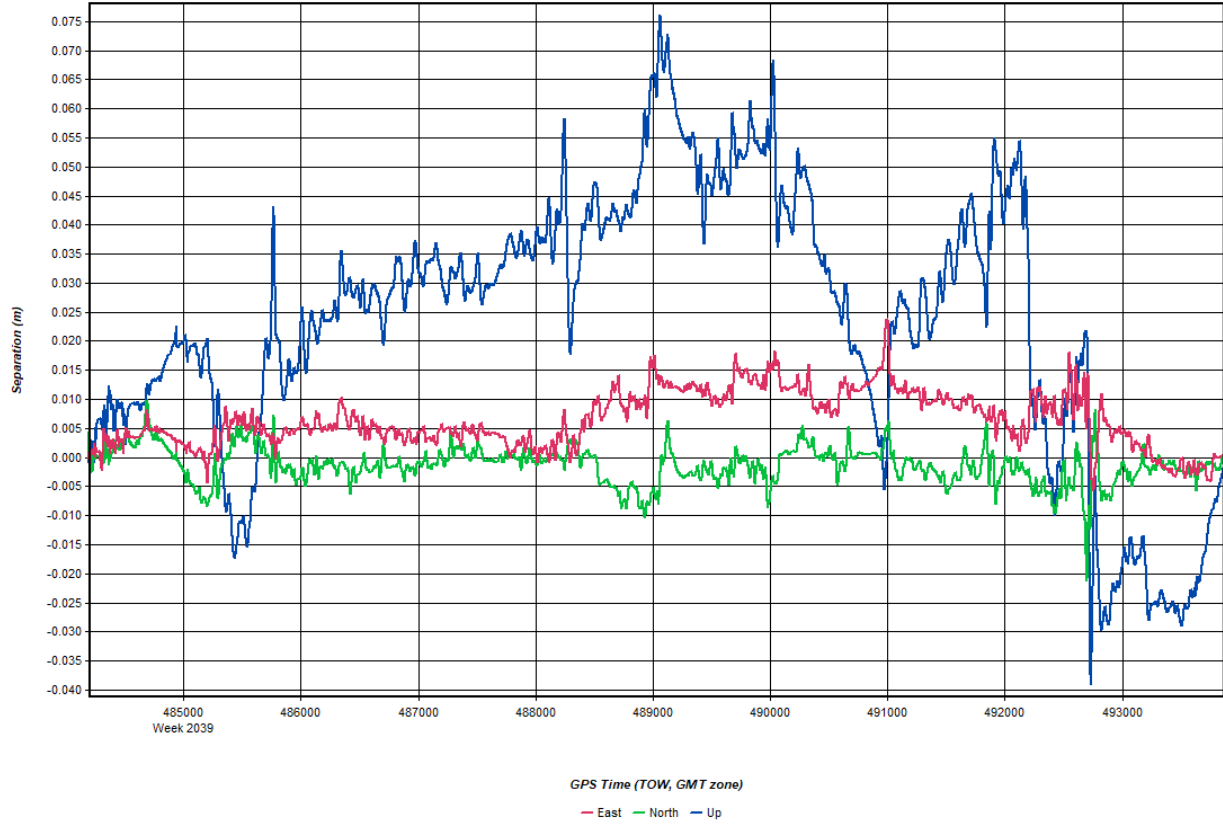
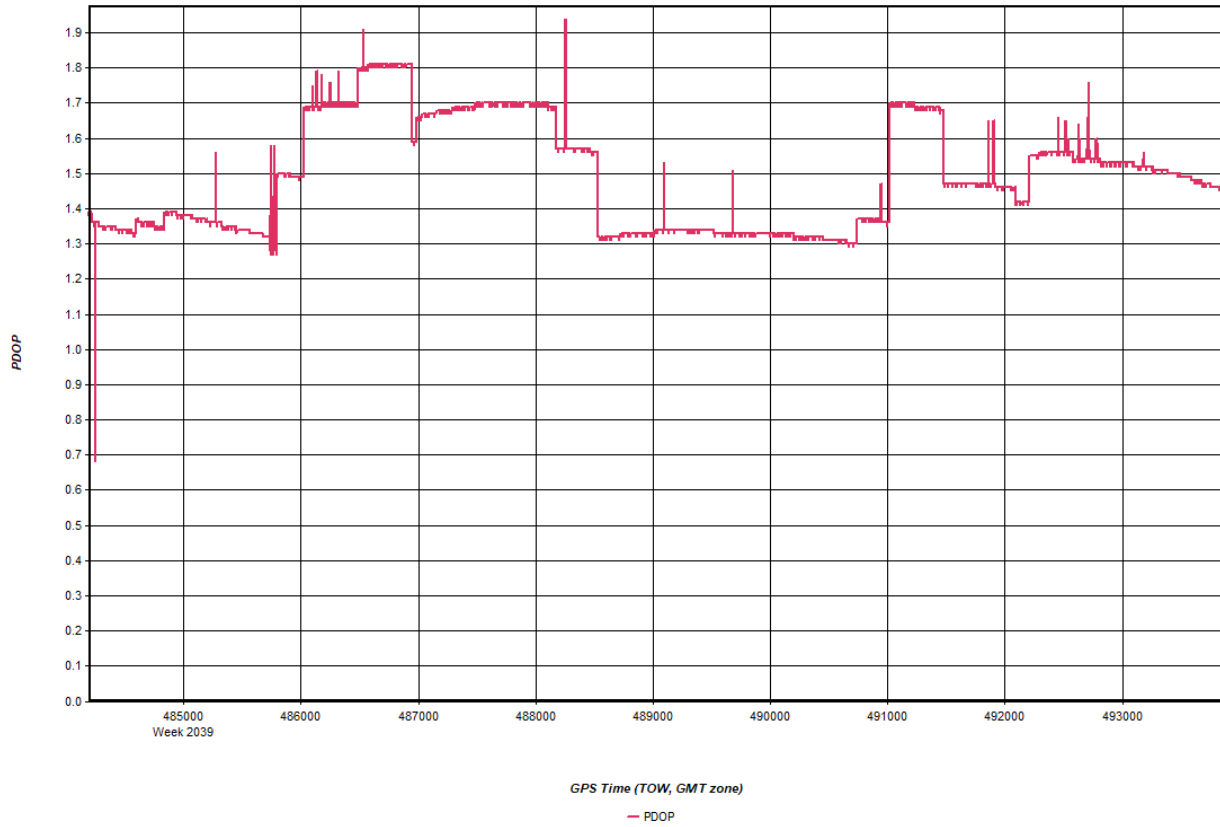
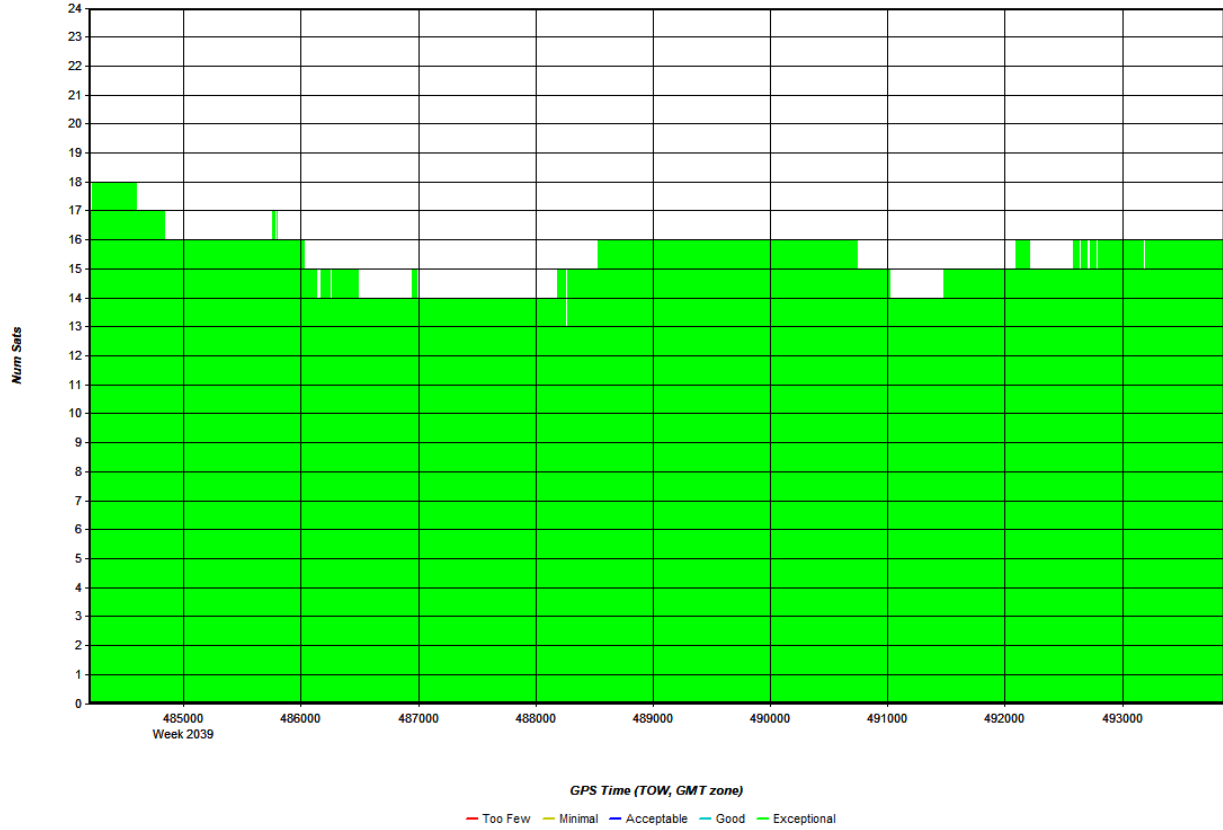


Figure 3: GW_020819A_8119 [Smoothed TC Combined] - PDOP Plot



**Figure 4: GW_020819A_8119 [Smoothed TC Combined] - Number of Satellites
Bar Plot**



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: J:\Proc_\33747_FL_LiDAR\Aeroptic_Recvd_2-13-19\8119_2\M4\20190208_142829\GW_020819A_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 19383
No processed position: 8
Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0146 (m)
C/A Code: 0.68 (m)
L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.008 (m)
North: 0.003 (m)
Height: 0.033 (m)

Quality Number Percentages:

Q 1: 0.0 %
Q 2: 100.0 %
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: 118.302 (km)
Minimum: 0.001 (km)
Average: 35.822 (km)
First Epoch: 0.001 (km)
Last Epoch: 0.004 (km)

Figure 5: GW_020819A_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

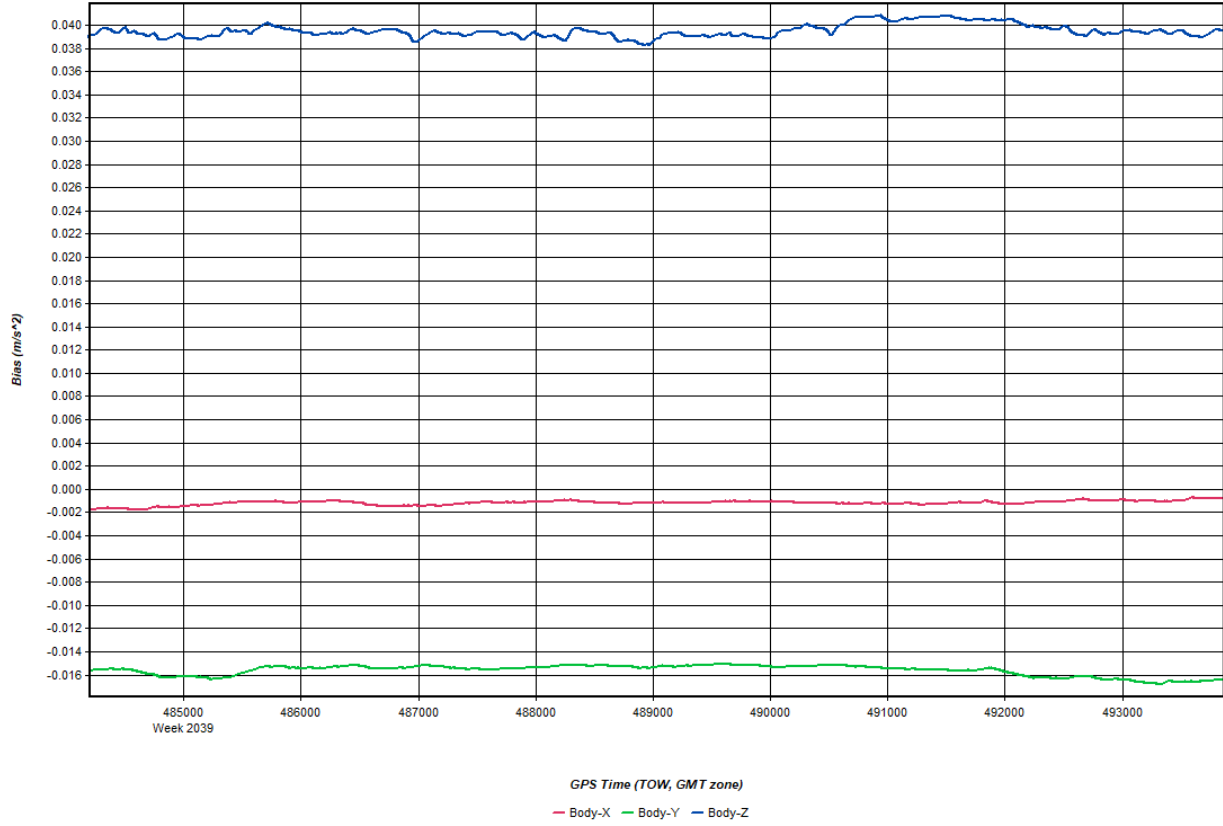
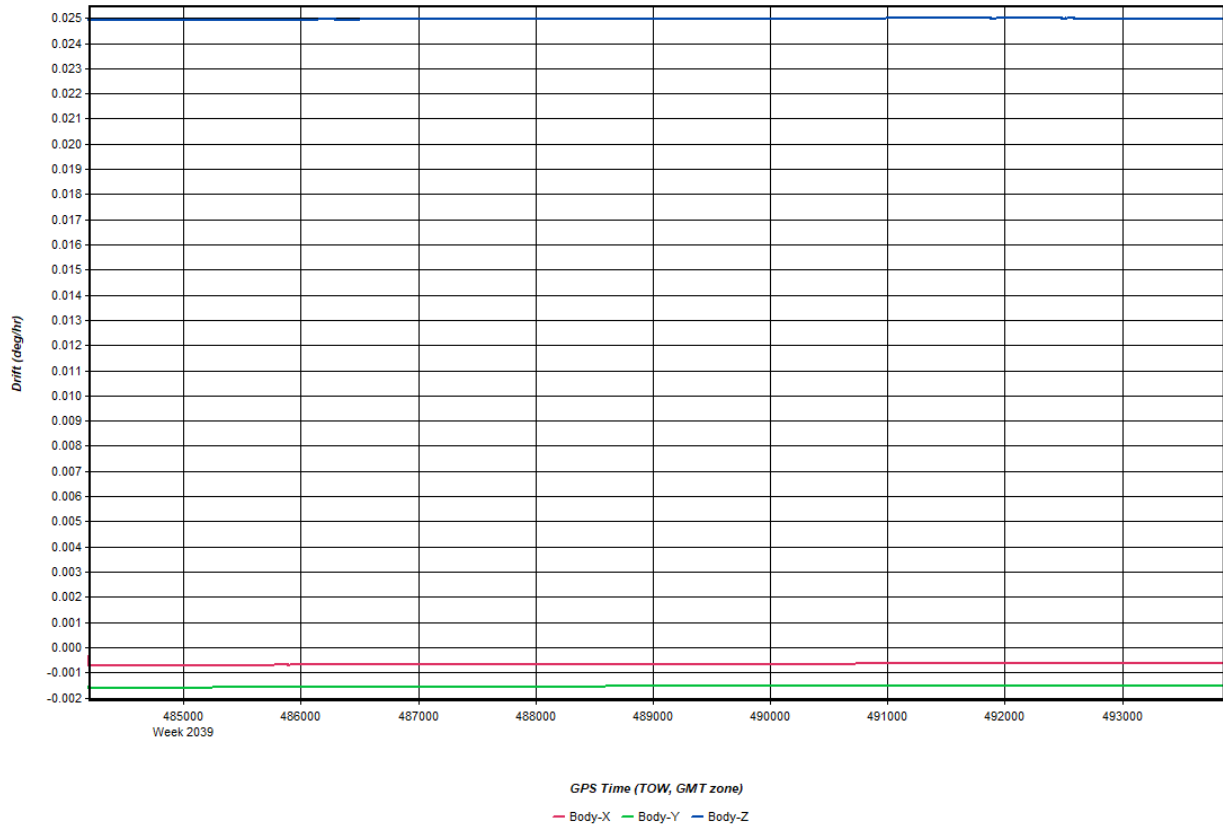


Figure 6: GW_020819A_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_11-28-18A_8227

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

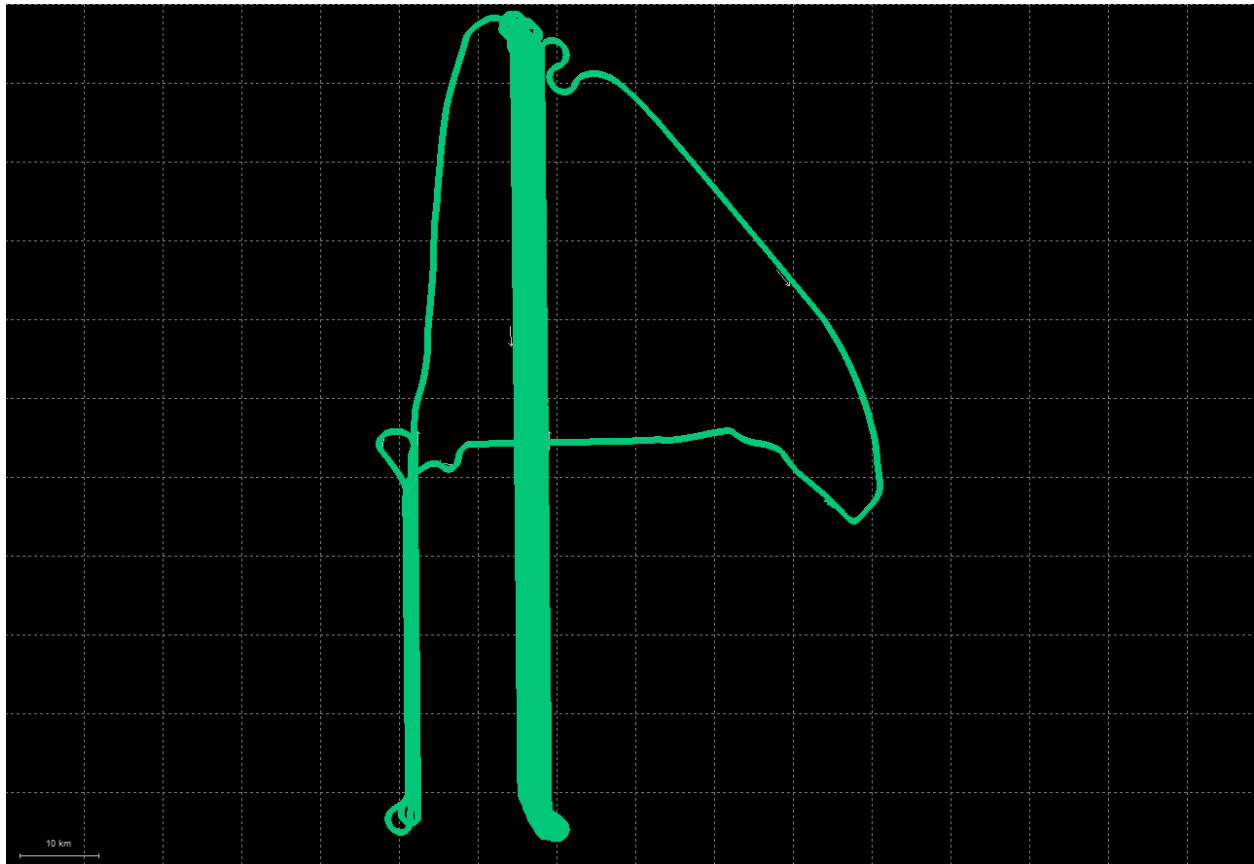


Figure 2: GW_QC_11-28-18A_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

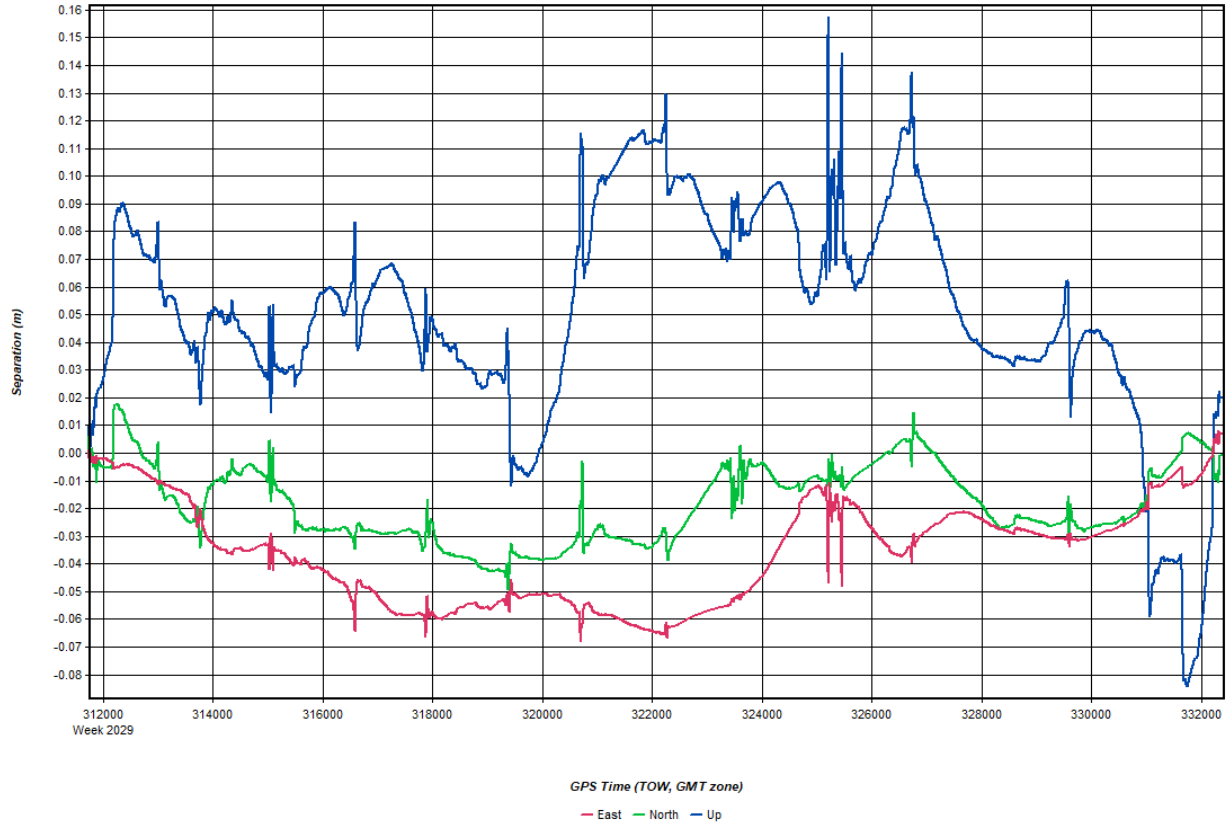


Figure 3: GW_QC_11-28-18A_8227 [Smoothed TC Combined] - PDOP Plot

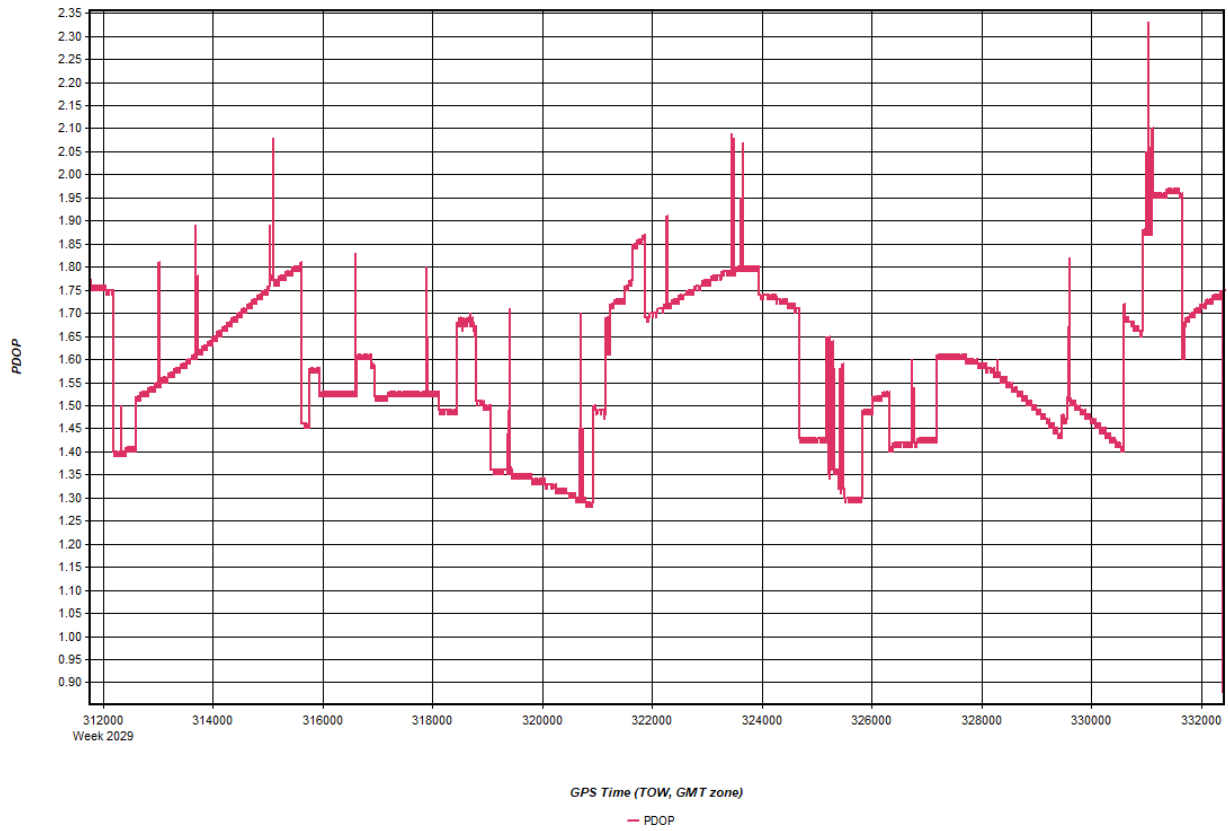
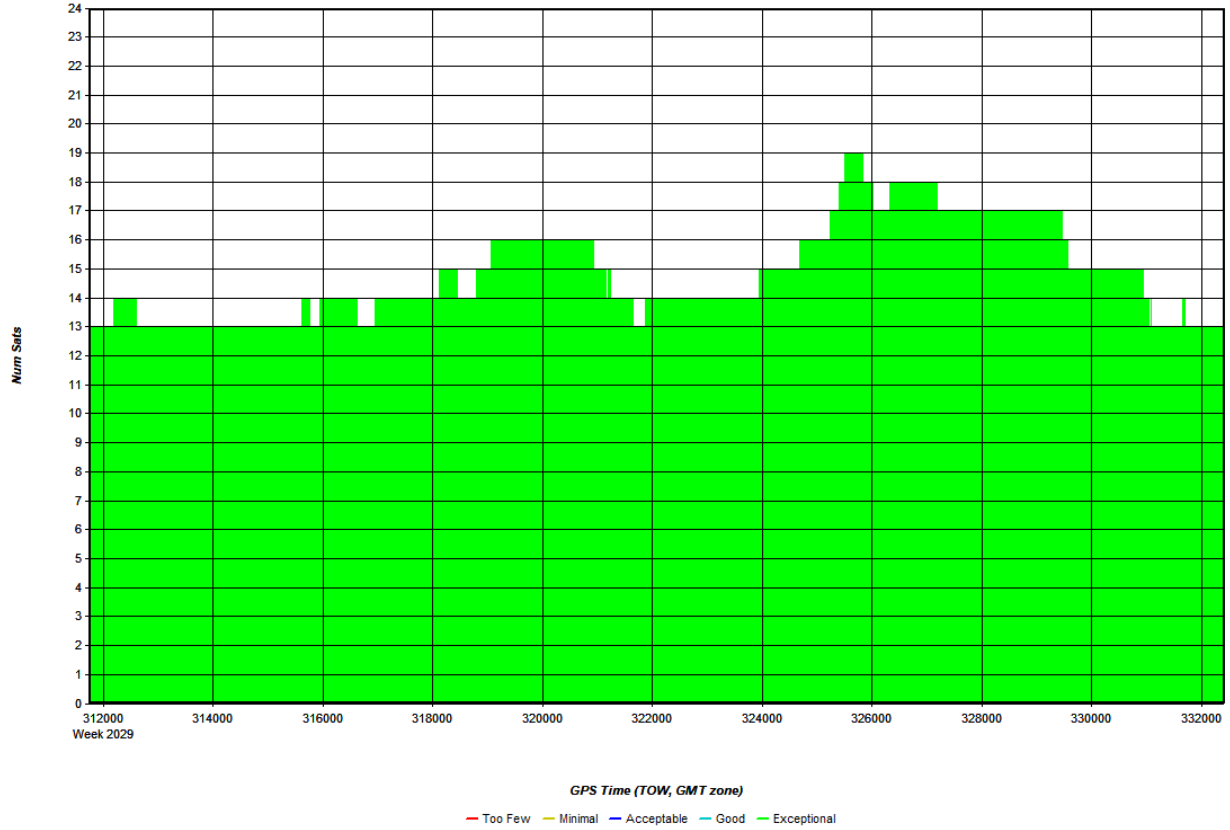


Figure 4: GW_QC_11-28-18A_8227 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Ezekial_Ingram_Recvd_11-30-18\GW_QC_11-28-18A_8227.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 41396

No processed position: 3

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0191 (m)

C/A Code: 0.72 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.040 (m)

North: 0.023 (m)

Height: 0.064 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 74.091 (km)

Minimum: 0.007 (km)

Average: 46.164 (km)

First Epoch: 0.023 (km)

Last Epoch: 0.023 (km)

Figure 5: GW_QC_11-28-18A_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

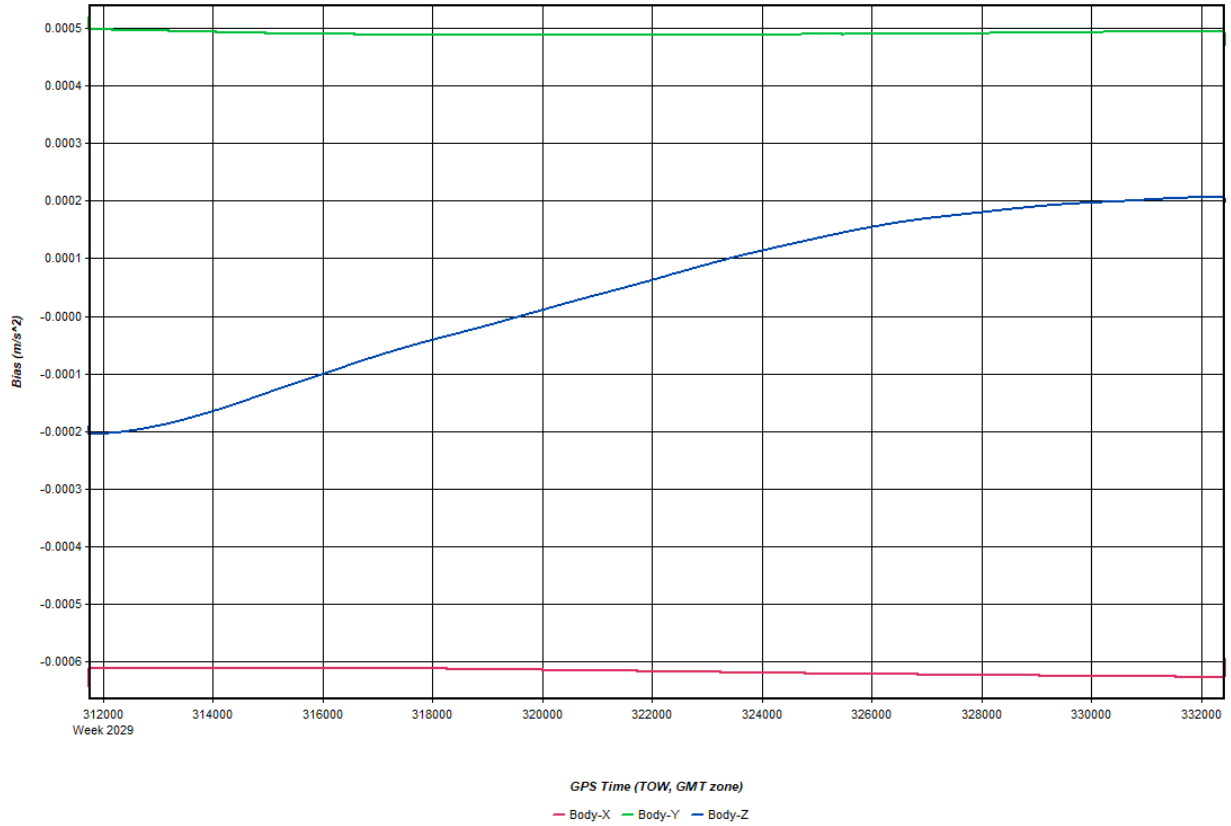
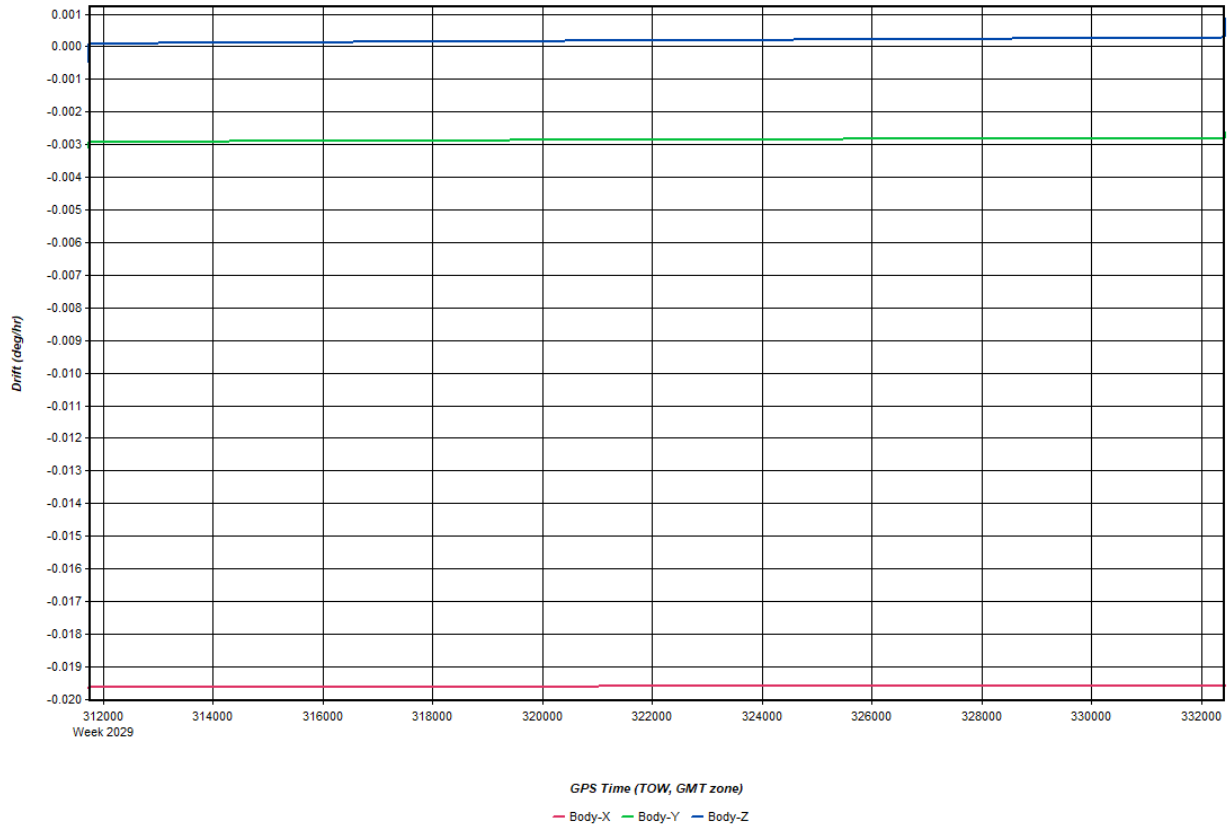


Figure 6: GW_QC_11-28-18A_8227 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_11-29-18A_8227

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

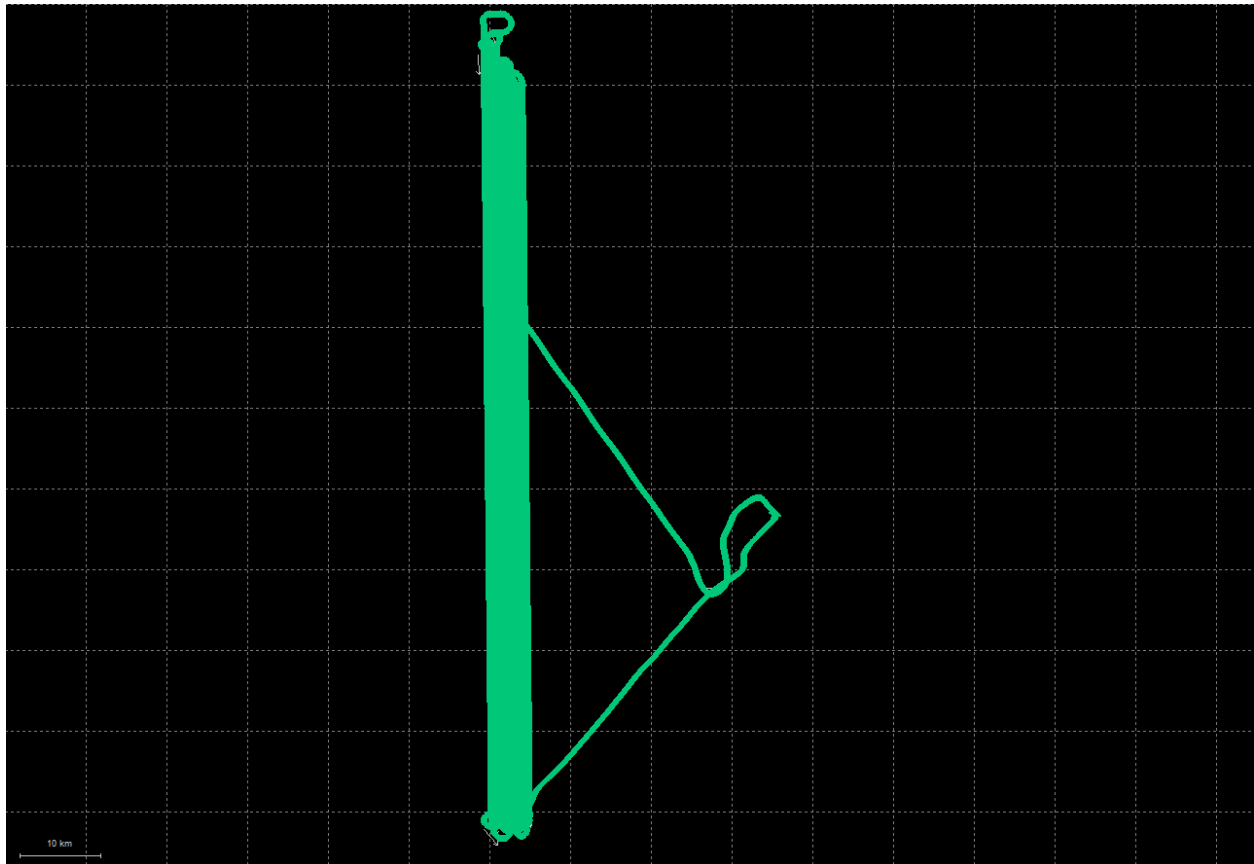


Figure 2: GW_QC_11-29-18A_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

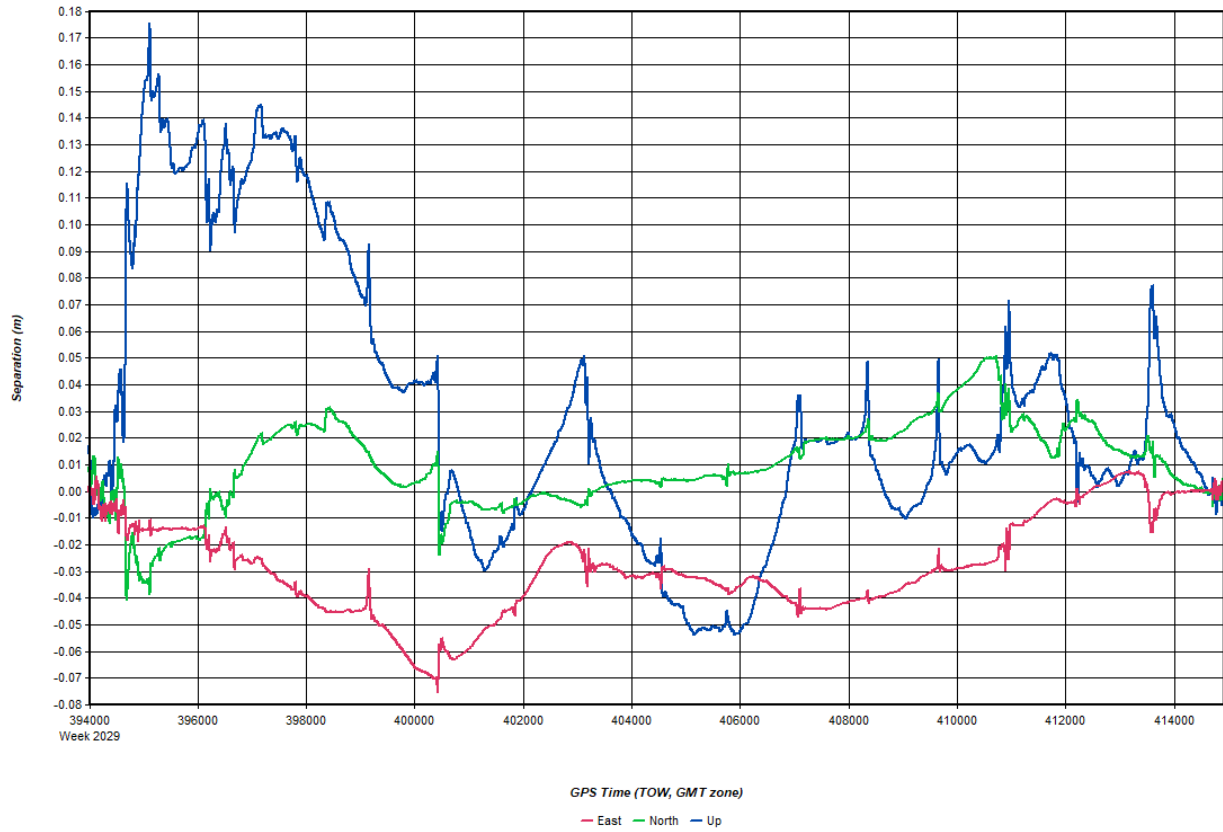


Figure 3: GW_QC_11-29-18A_8227 [Smoothed TC Combined] - PDOP Plot

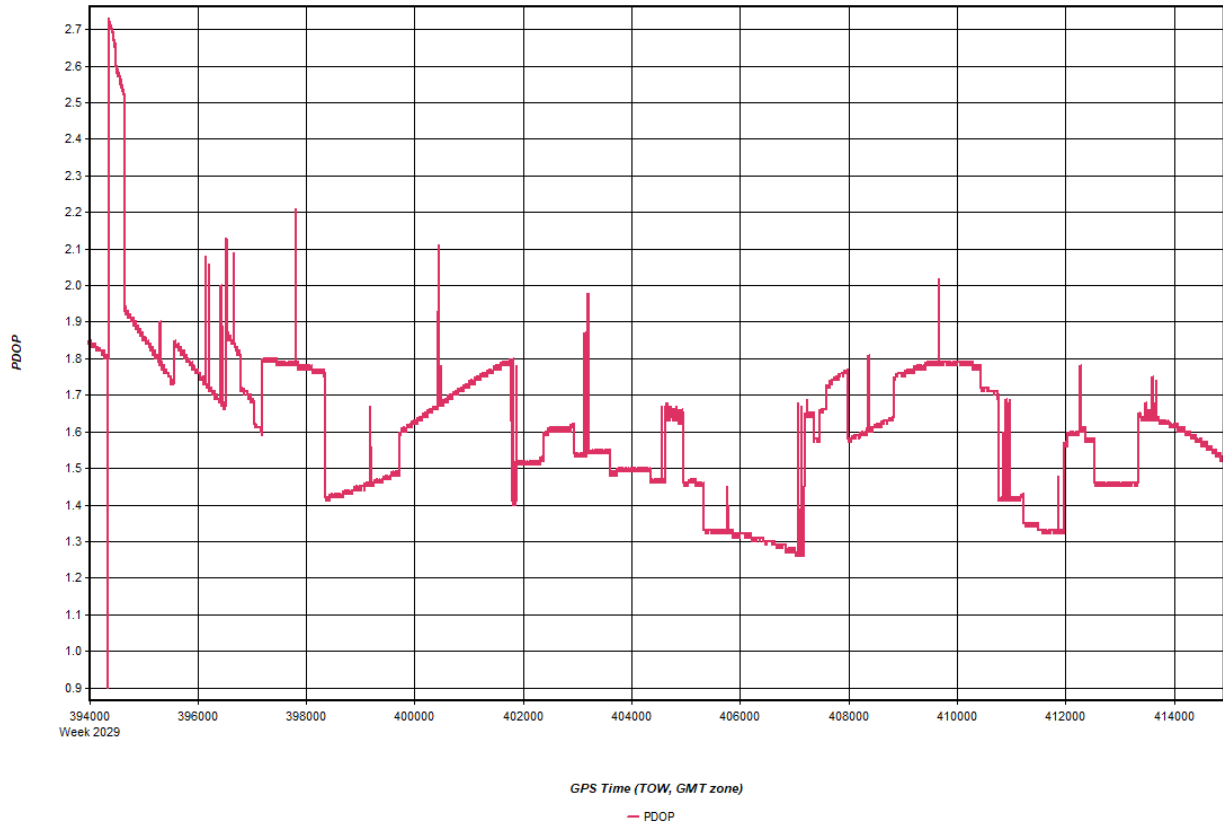
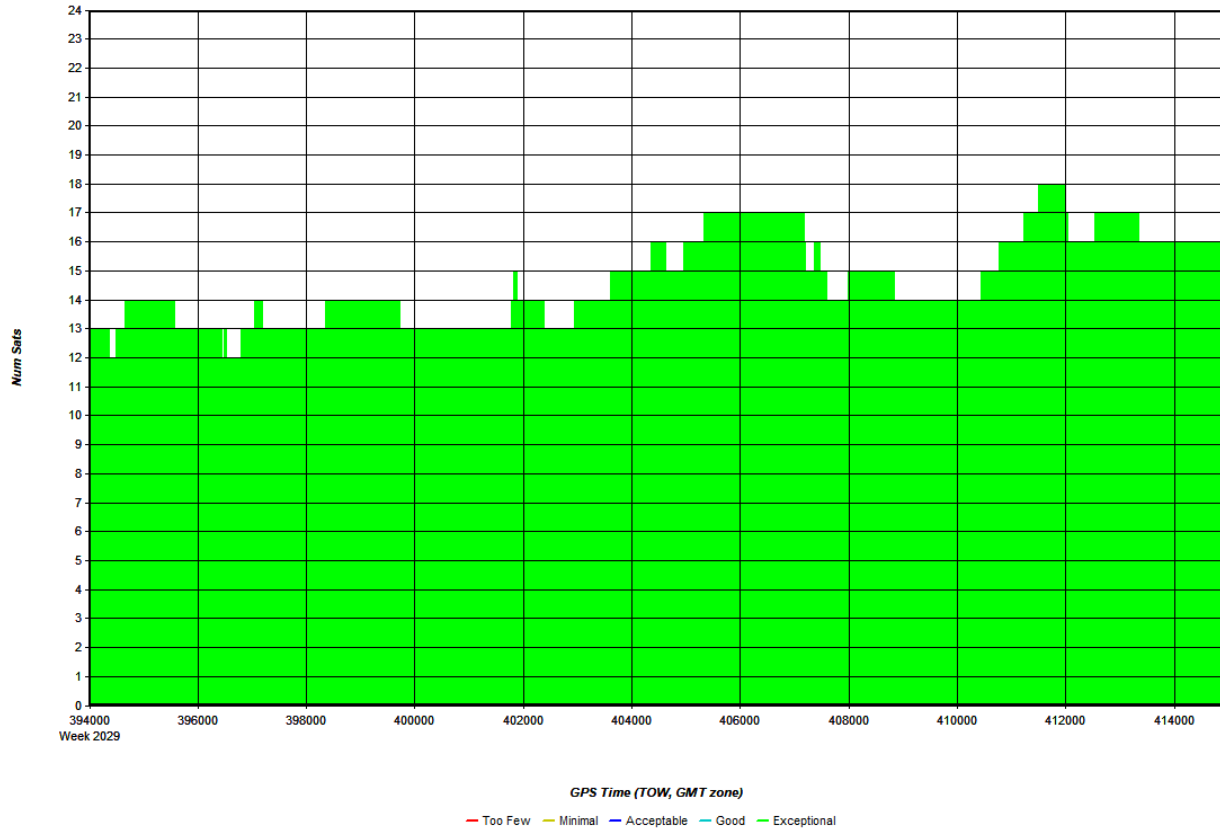


Figure 4: GW_QC_11-29-18A_8227 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Ezekial_Ingram_Recvd_12-3-18\20181129_132508\GW_QC_11-29-18A_8227.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 41906

No processed position: 3

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0196 (m)

C/A Code: 0.71 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.033 (m)

North: 0.018 (m)

Height: 0.061 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 70.849 (km)

Minimum: 0.004 (km)

Average: 38.769 (km)

First Epoch: 0.068 (km)

Last Epoch: 0.068 (km)

Figure 5: GW_QC_11-29-18A_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

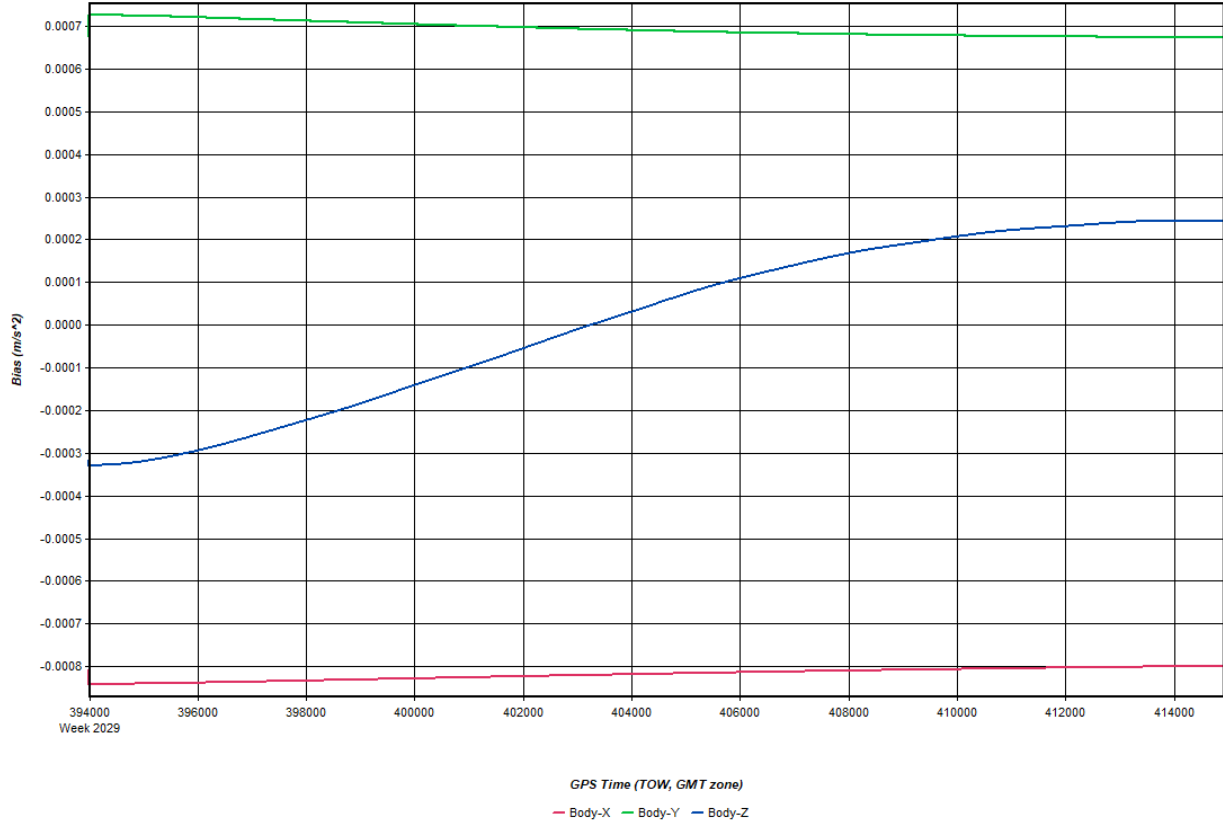
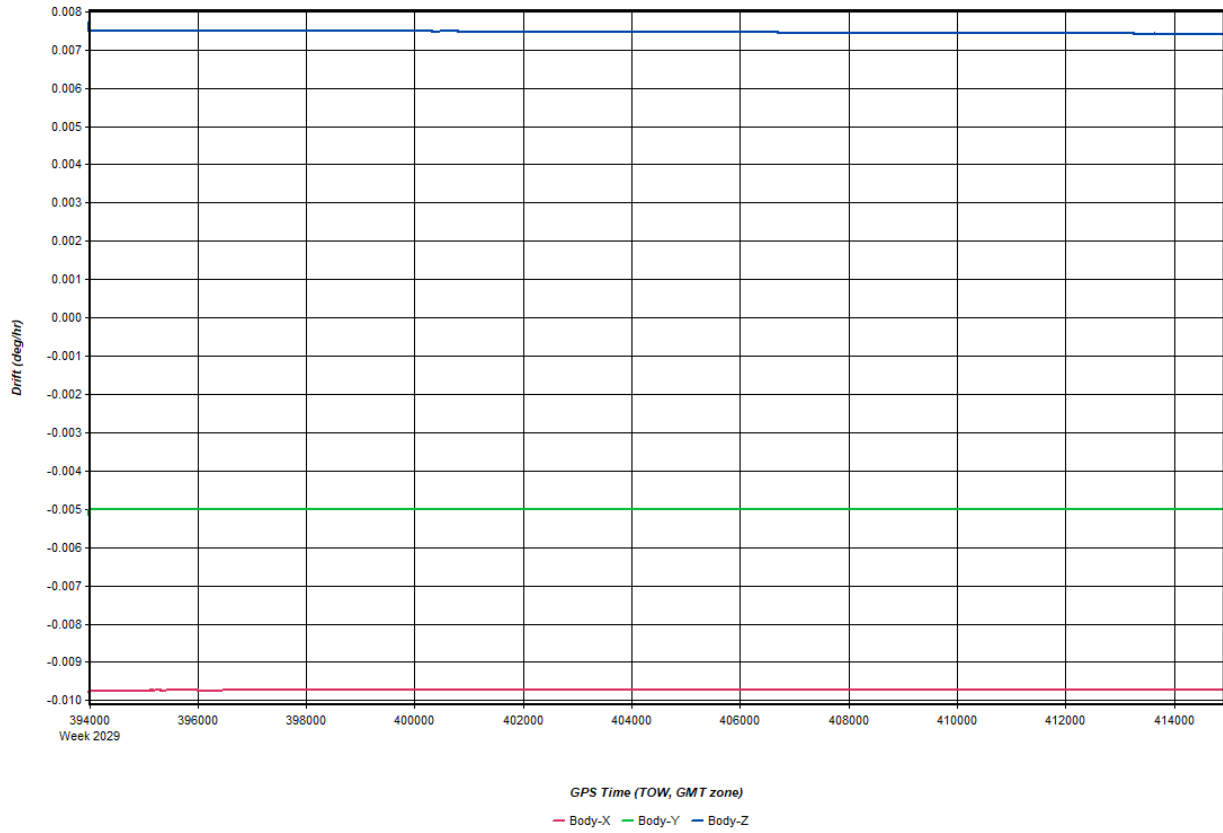


Figure 6: GW_QC_11-29-18A_8227 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_11-30-18A_8227

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

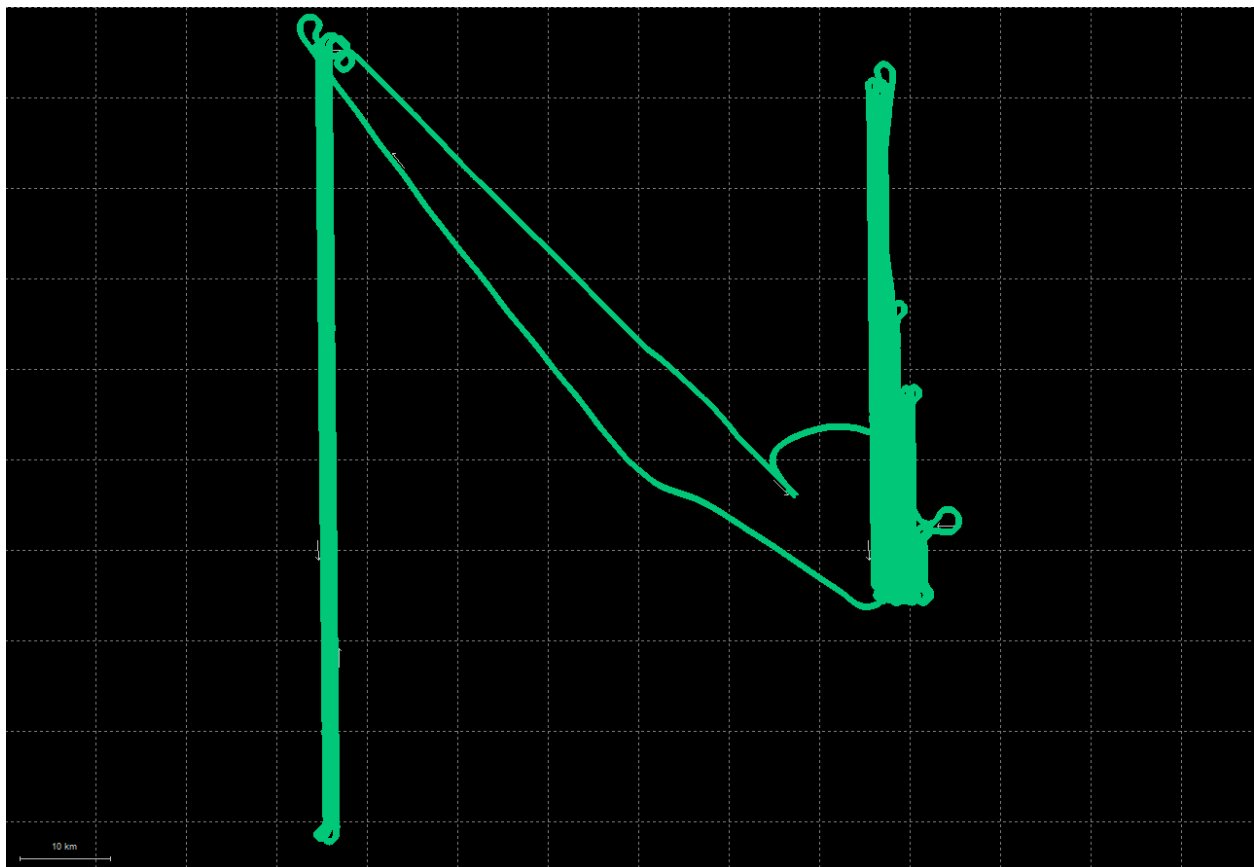


Figure 2: GW_QC_11-30-18A_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

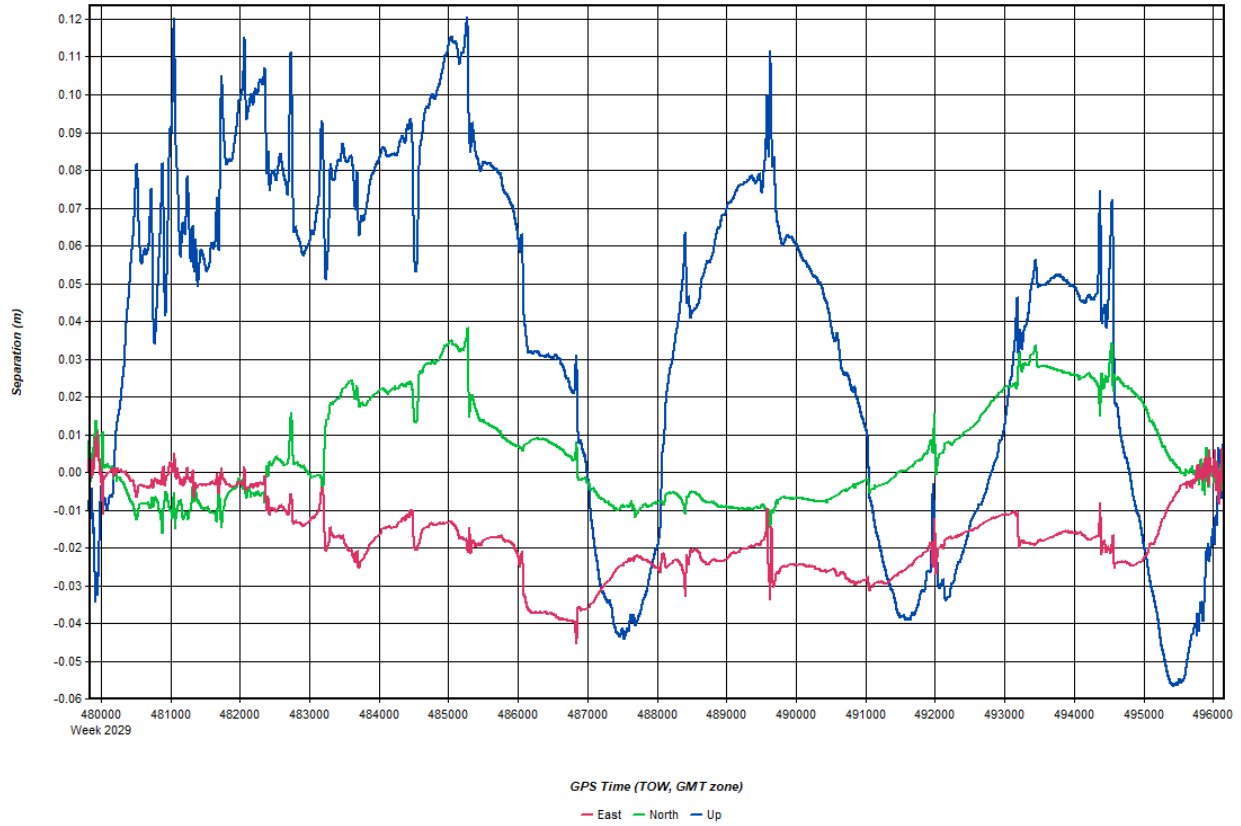


Figure 3: GW_QC_11-30-18A_8227 [Smoothed TC Combined] - PDOP Plot

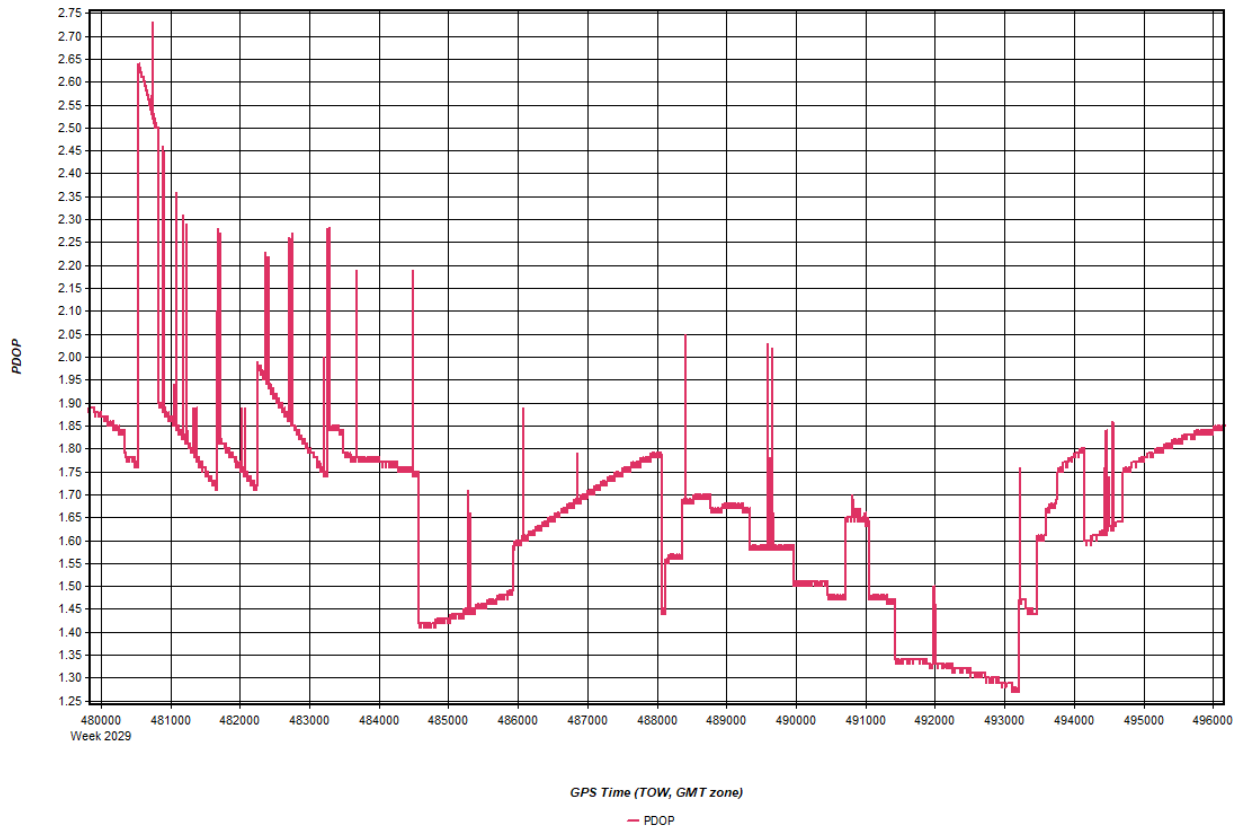
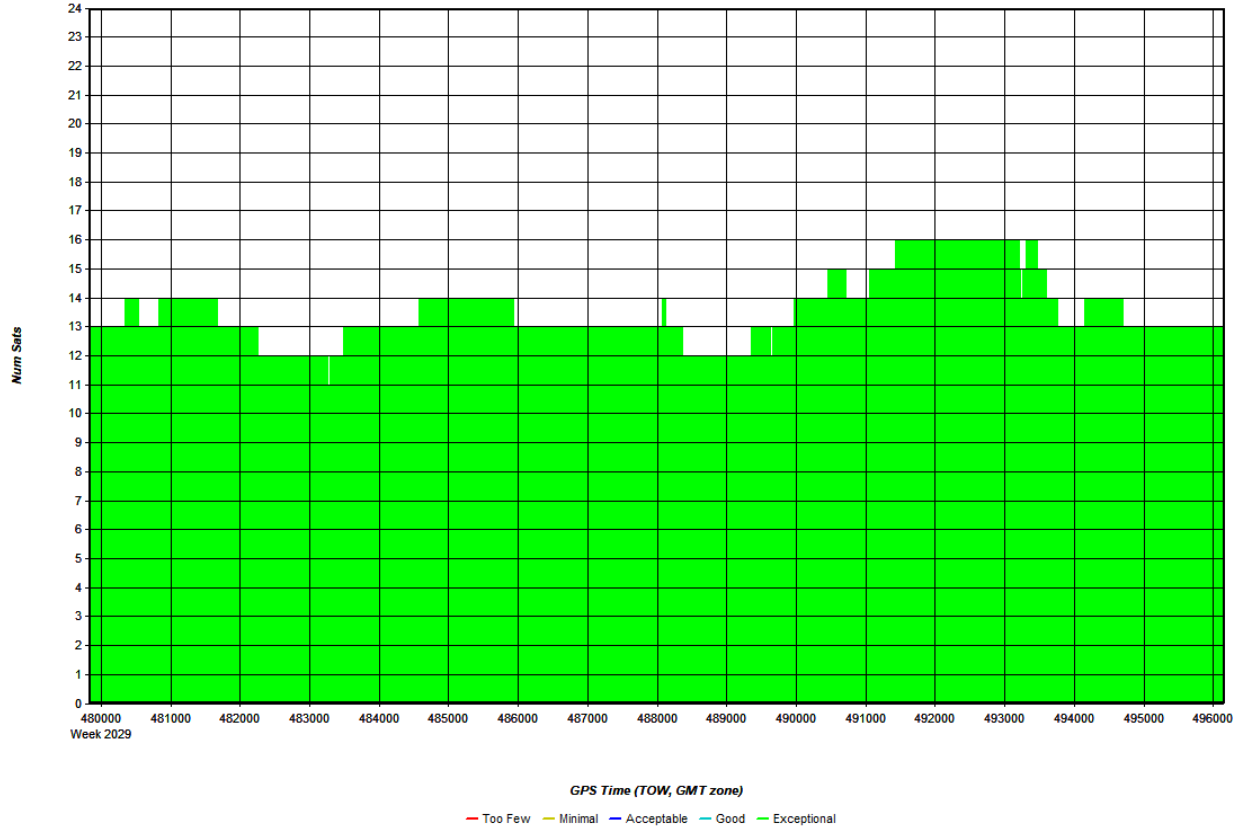


Figure 4: GW_QC_11-30-18A_8227 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Ezekial_Ingram_Recvd_12-3-18\20181130_131540\GW_QC_11-30-18A_8227.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 32701

No processed position: 4

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0190 (m)

C/A Code: 0.69 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.020 (m)

North: 0.014 (m)

Height: 0.058 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 74.680 (km)

Minimum: 0.003 (km)

Average: 32.180 (km)

First Epoch: 0.070 (km)

Last Epoch: 0.069 (km)

Figure 5: GW_QC_11-30-18A_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

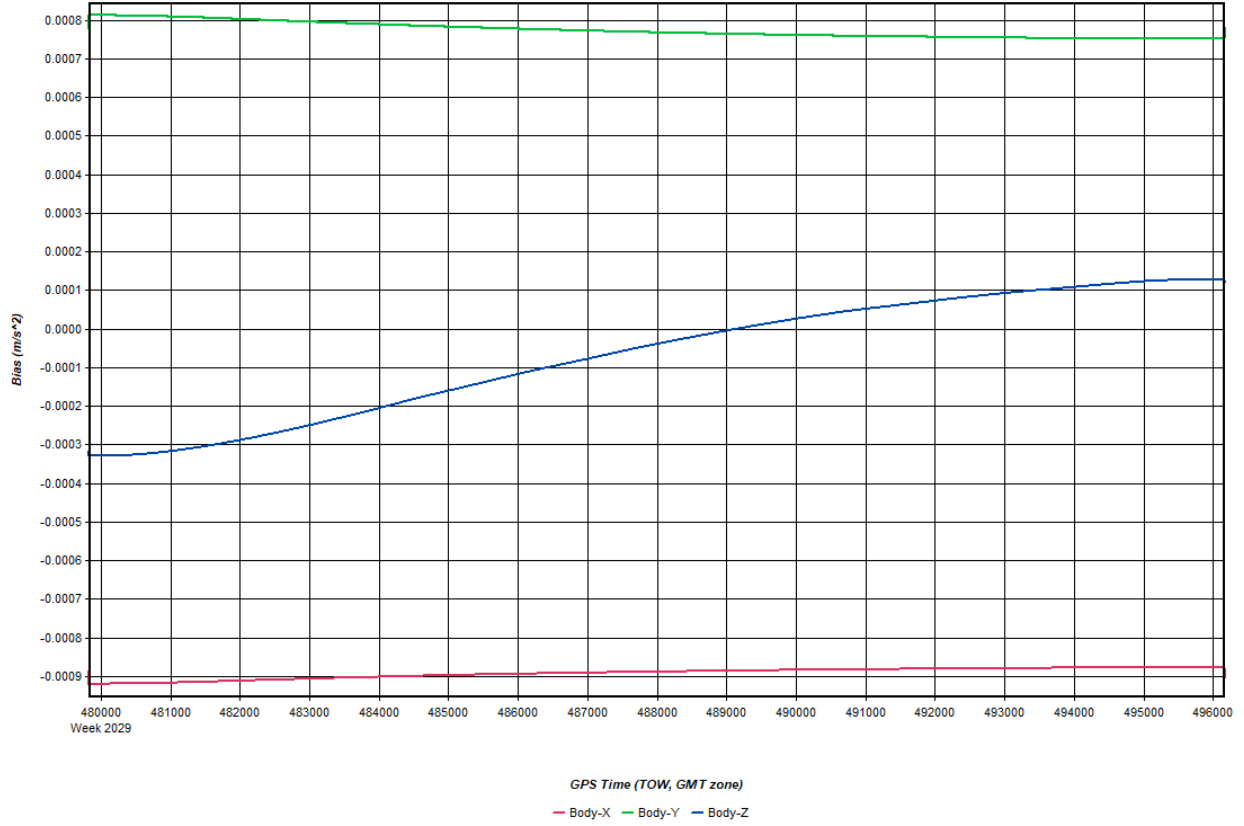
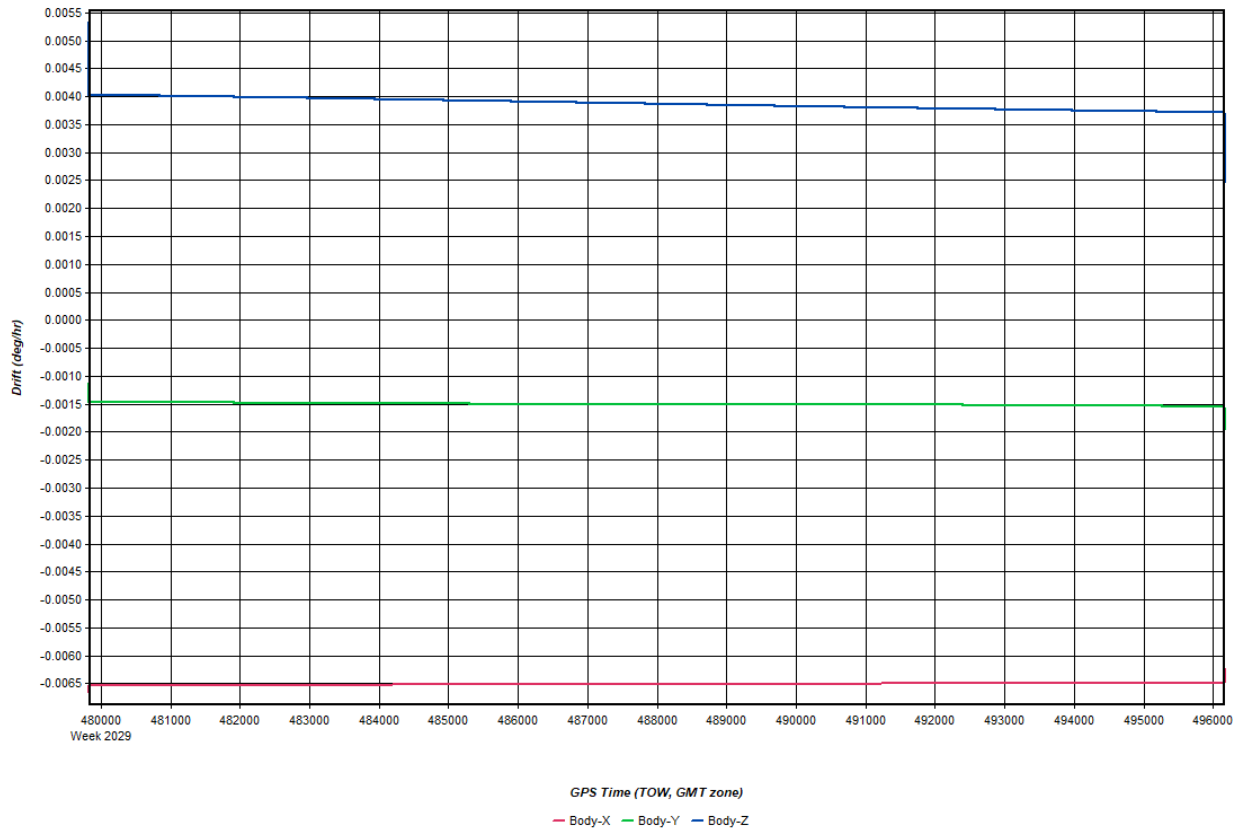


Figure 6: GW_QC_11-30-18A_8227 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_120418A_8119_N916WC

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

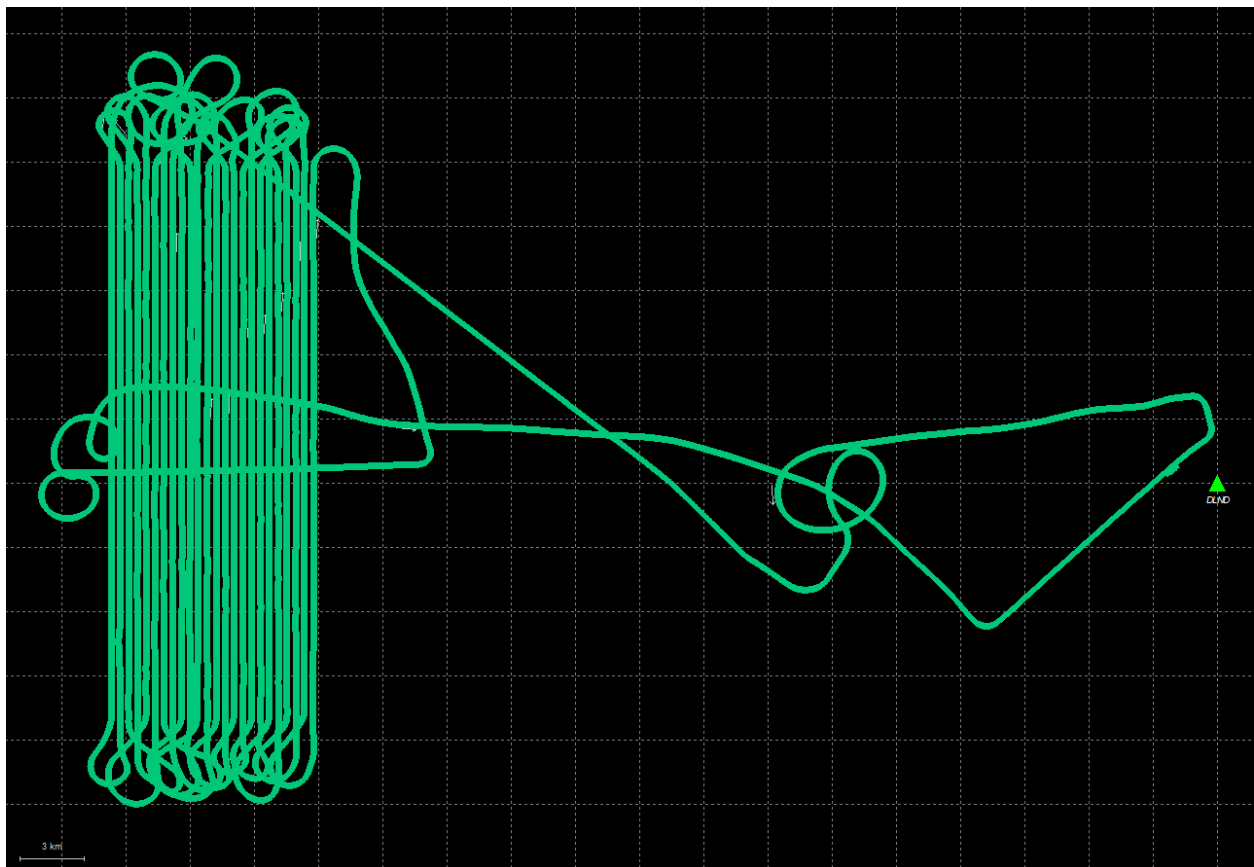


Figure 2: GW_QC_120418A_8119_N916WC [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

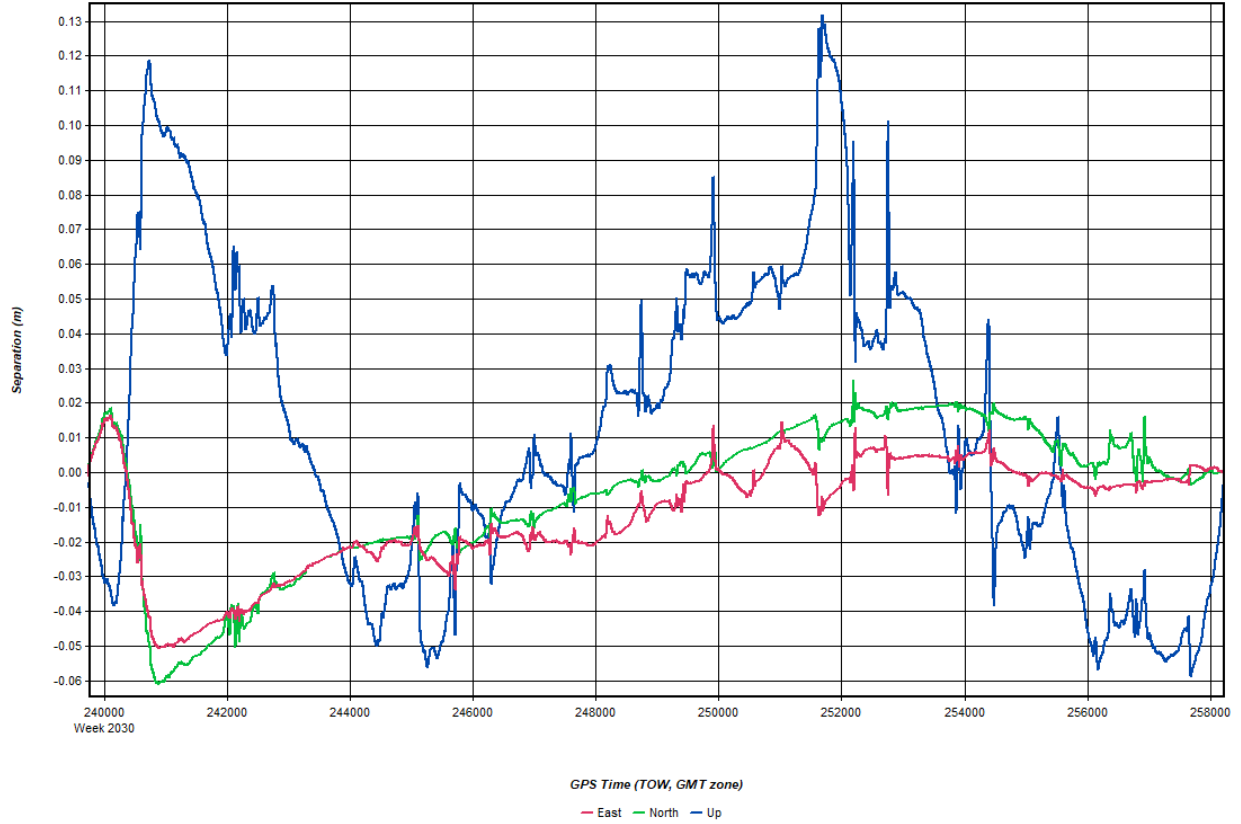


Figure 3: GW_QC_120418A_8119_N916WC [Smoothed TC Combined] - PDOP Plot

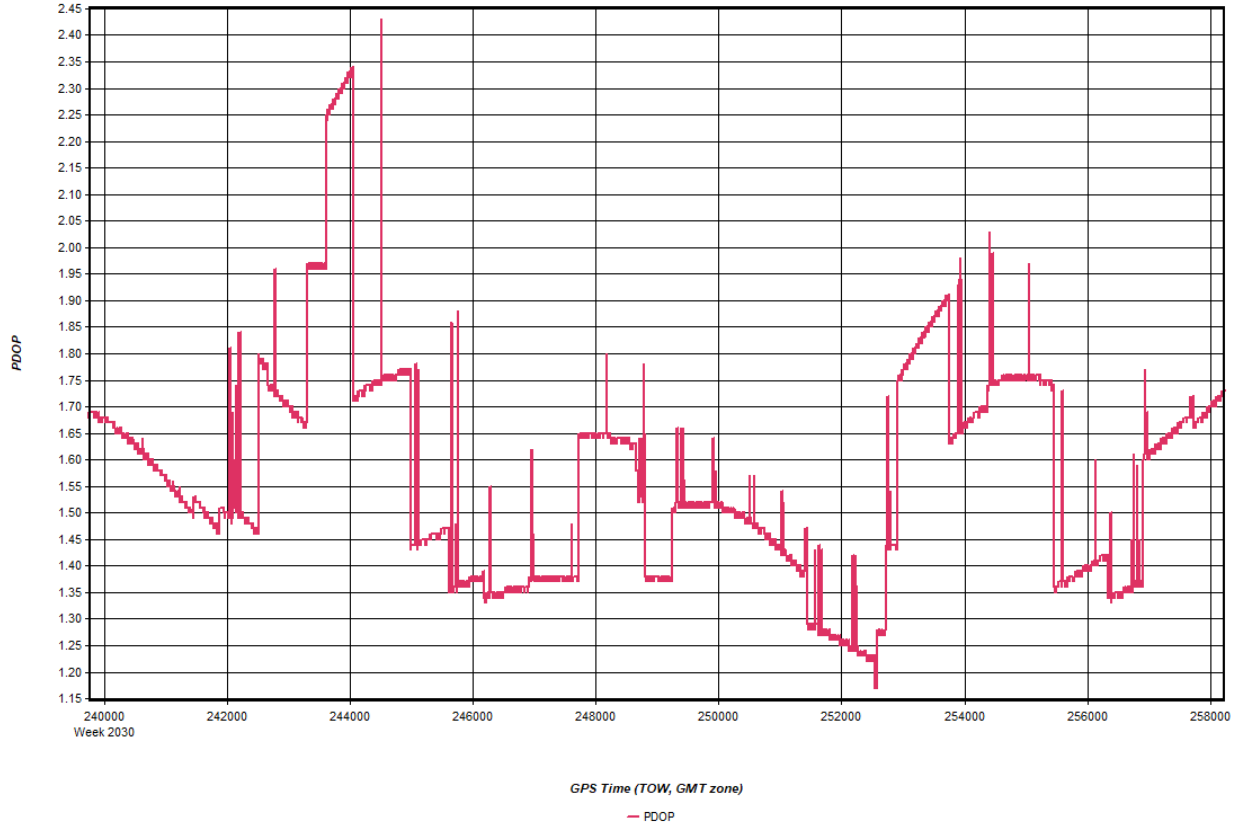
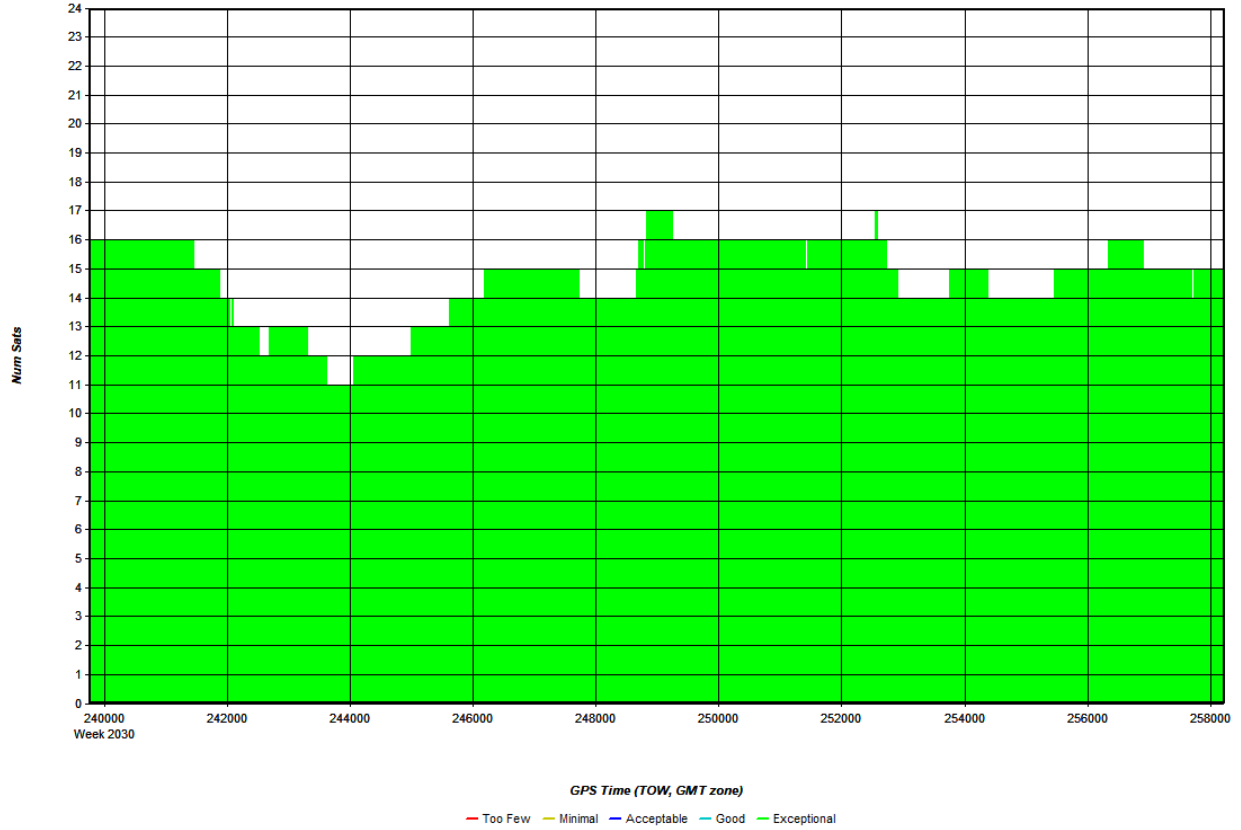


Figure 4: GW_QC_120418A_8119_N916WC [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\D_Marsh_Recvd_12-07-18\8119_1_916WC\20181204_183410\GW_QC_120418A_8119_N916WC.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 36984

No processed position: 3

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0168 (m)

C/A Code: 0.64 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.020 (m)

North: 0.022 (m)

Height: 0.046 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 54.625 (km)

Minimum: 1.948 (km)

Average: 41.900 (km)

First Epoch: 2.013 (km)

Last Epoch: 2.018 (km)

Figure 5: GW_QC_120418A_8119_N916WC [Smoothed TC Combined] - Accelerometer Bias Plot

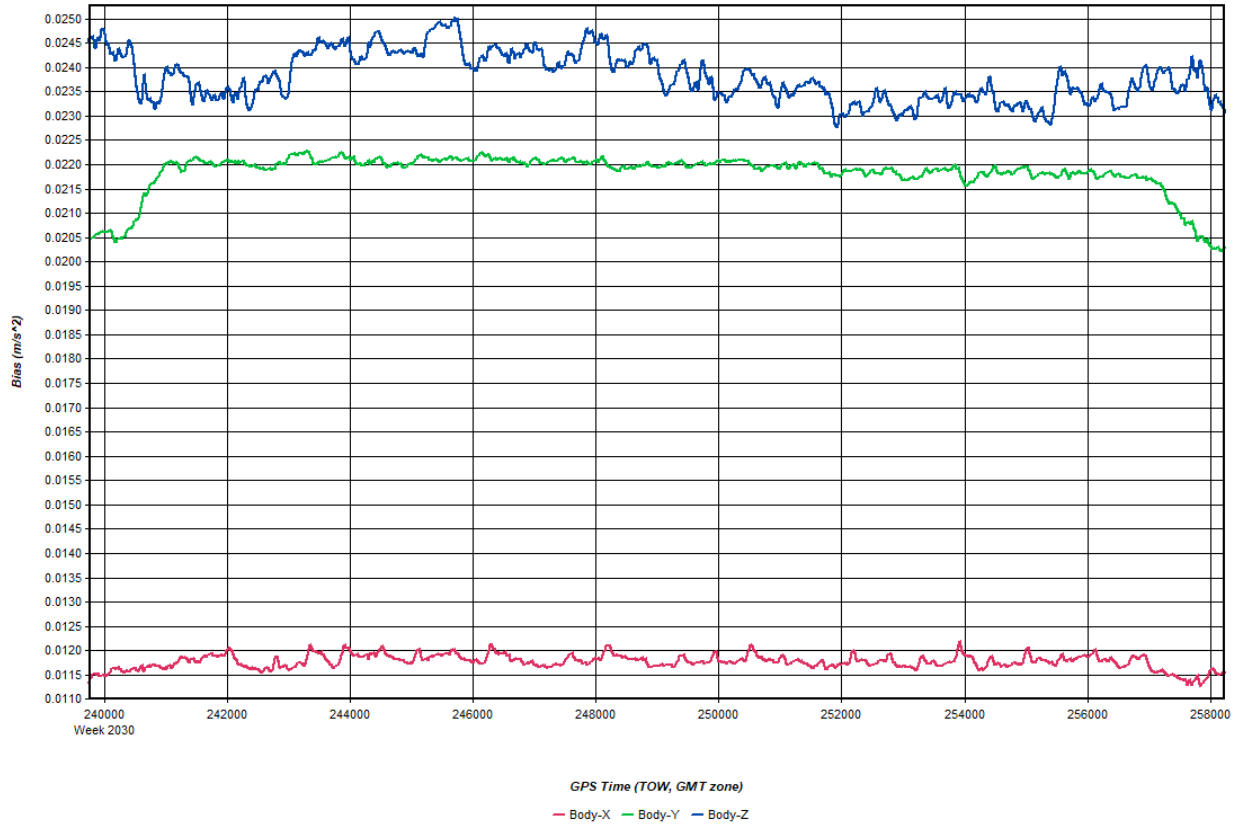
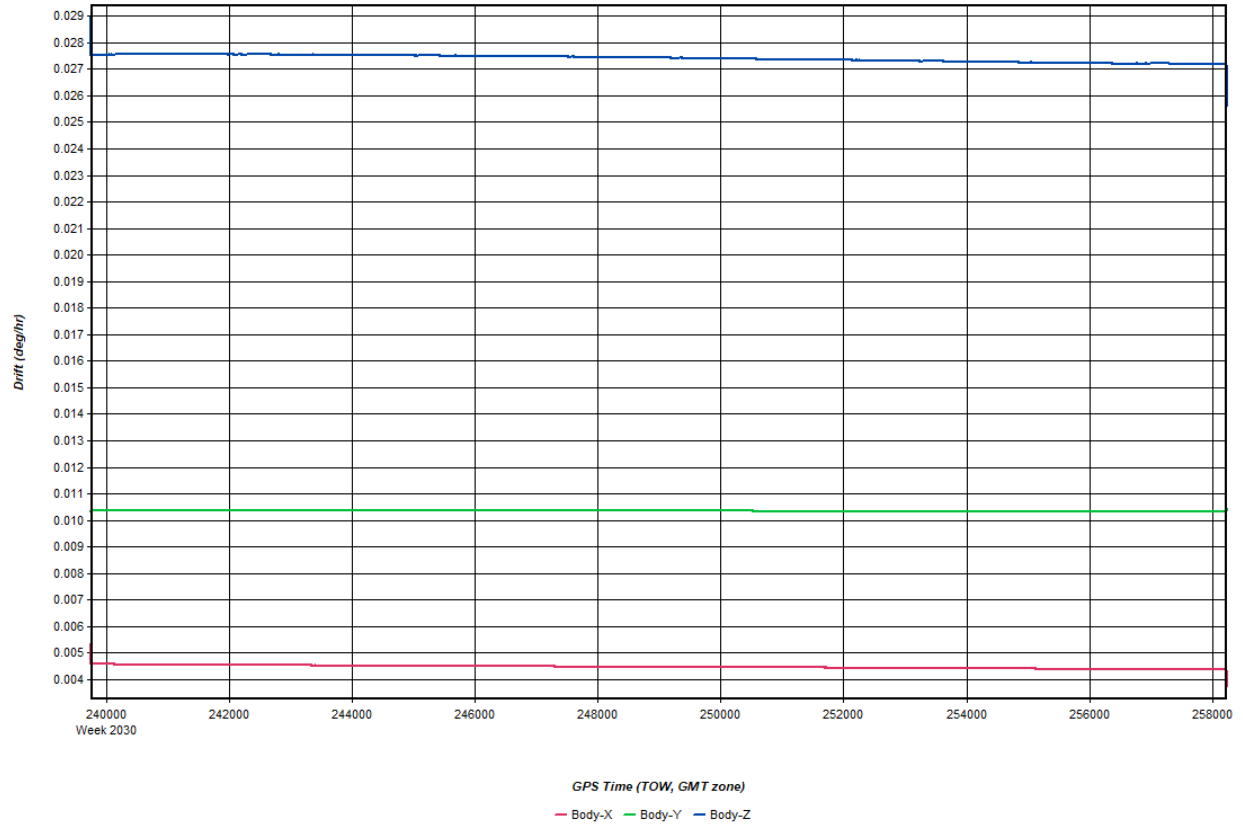


Figure 6: GW_QC_120418A_8119_N916WC [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_120418A_8227

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

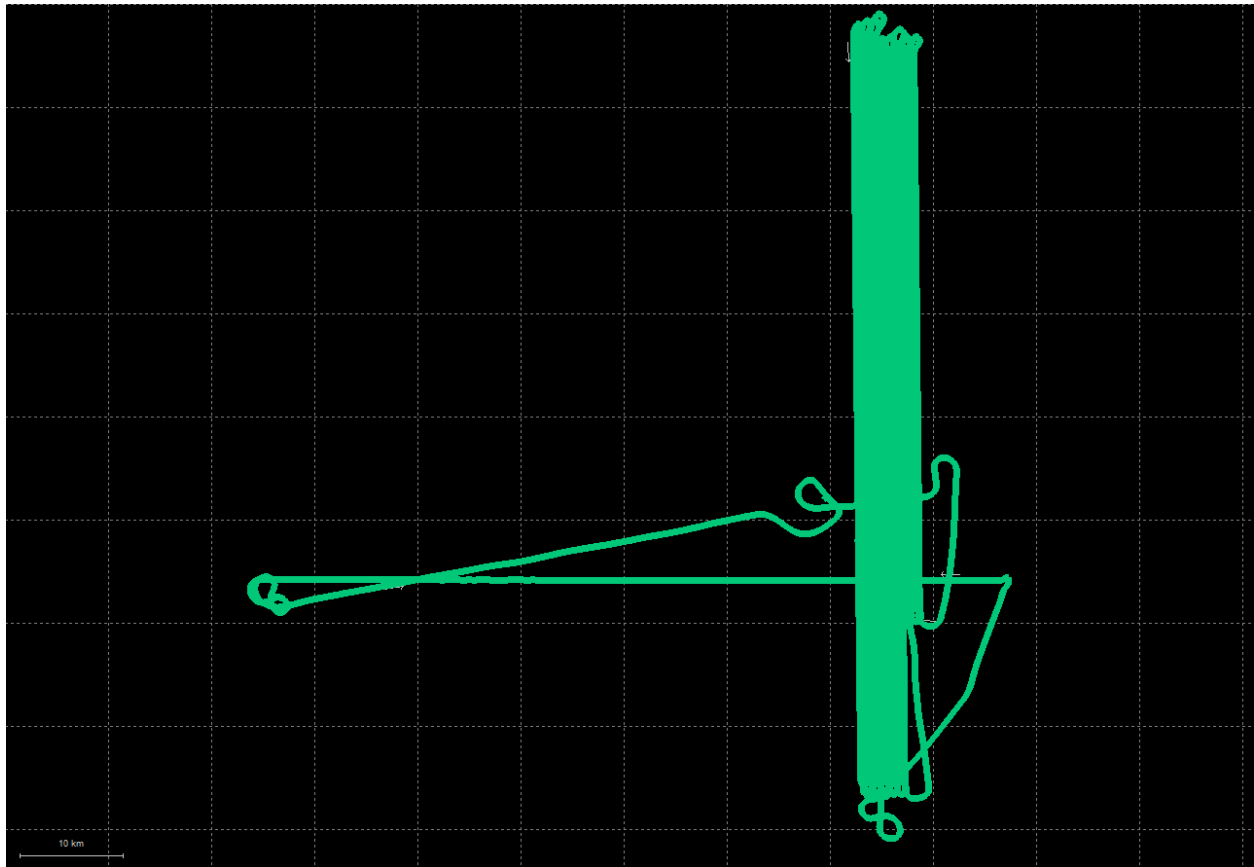


Figure 2: GW_QC_120418A_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

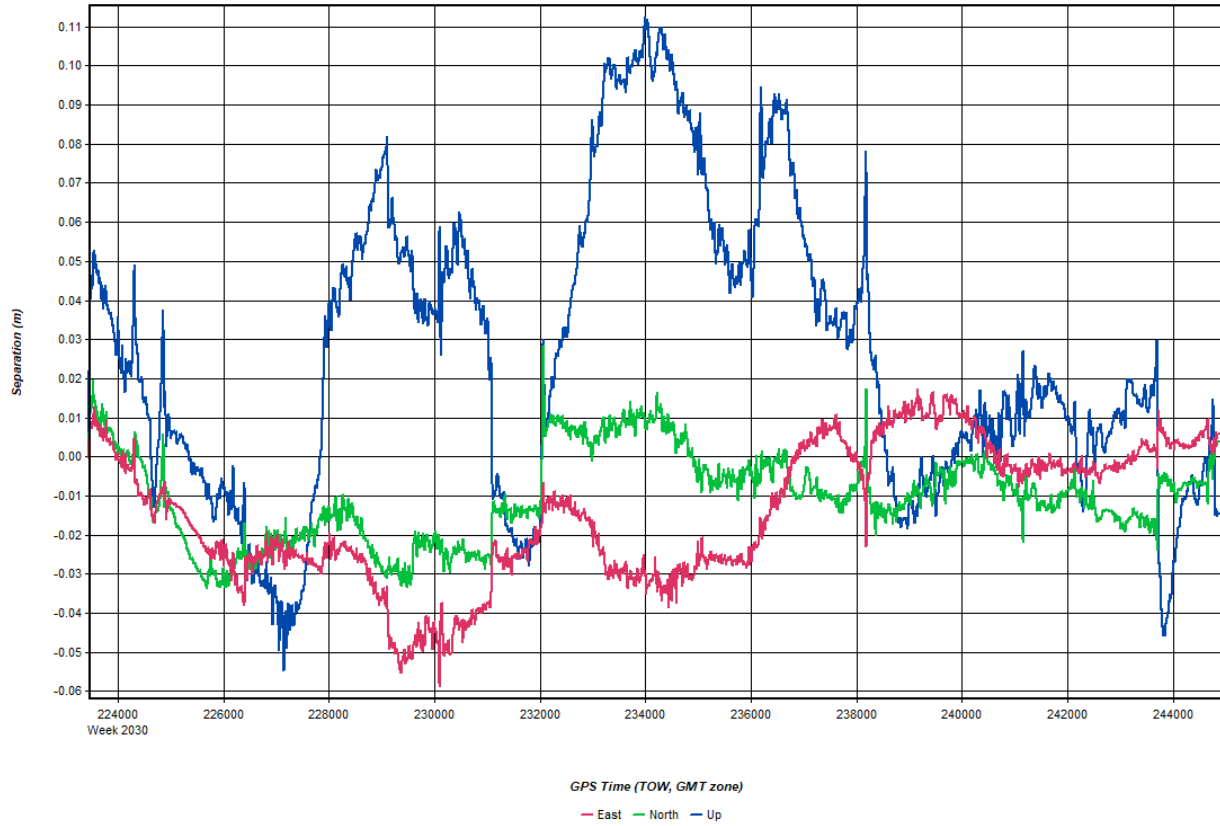


Figure 3: GW_QC_120418A_8227 [Smoothed TC Combined] - PDOP Plot

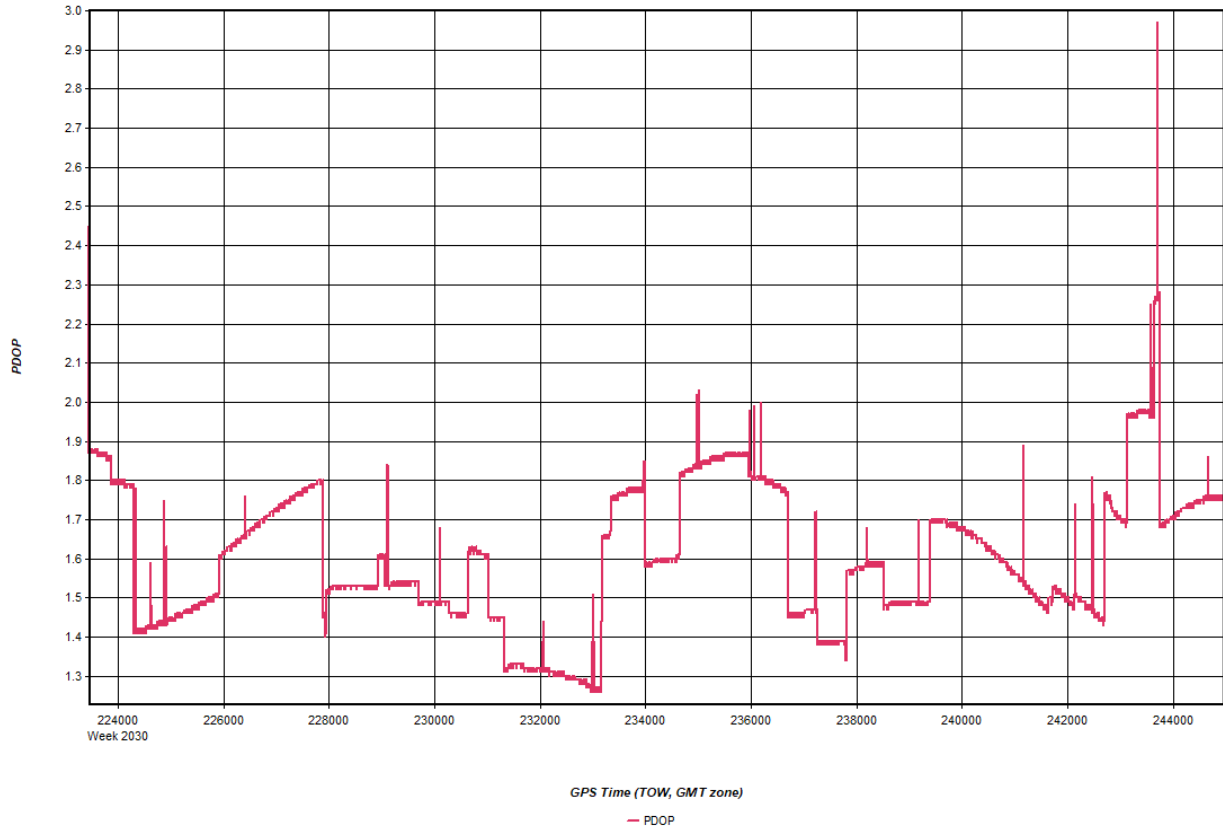
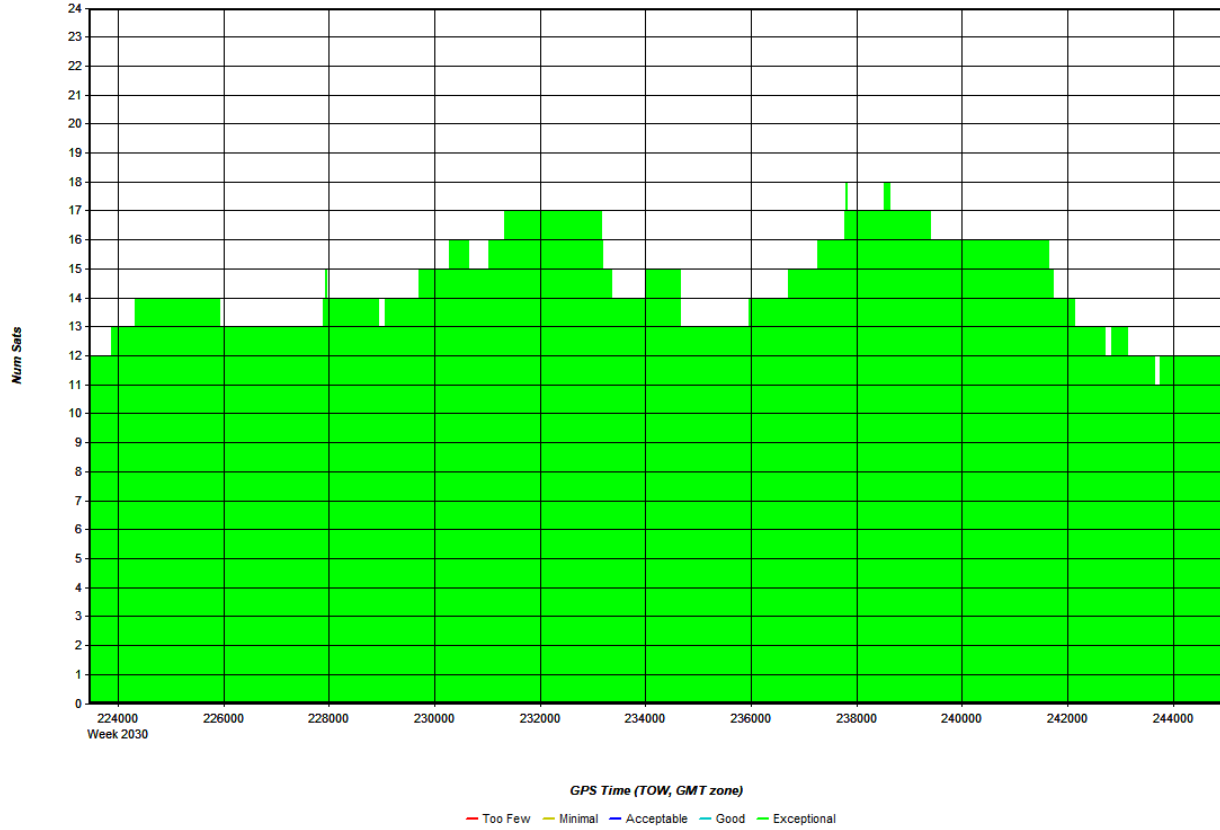


Figure 4: GW_QC_120418A_8227 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Ezekial_Ingram_Recvd_12-6-

18\SN_8227\20181204_M1_FL_USGS_604MD\20181204_140249\GW_QC_120418A_8227.cf
g

Solution Type: Combined

Number of Epochs:

Total in GPB file: 43093

No processed position: 4

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0143 (m)

C/A Code: 0.67 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.022 (m)

North: 0.015 (m)

Height: 0.045 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 56.394 (km)

Minimum: 0.030 (km)

Average: 20.426 (km)

First Epoch: 0.107 (km)

Last Epoch: 0.107 (km)

Figure 5: GW_QC_120418A_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

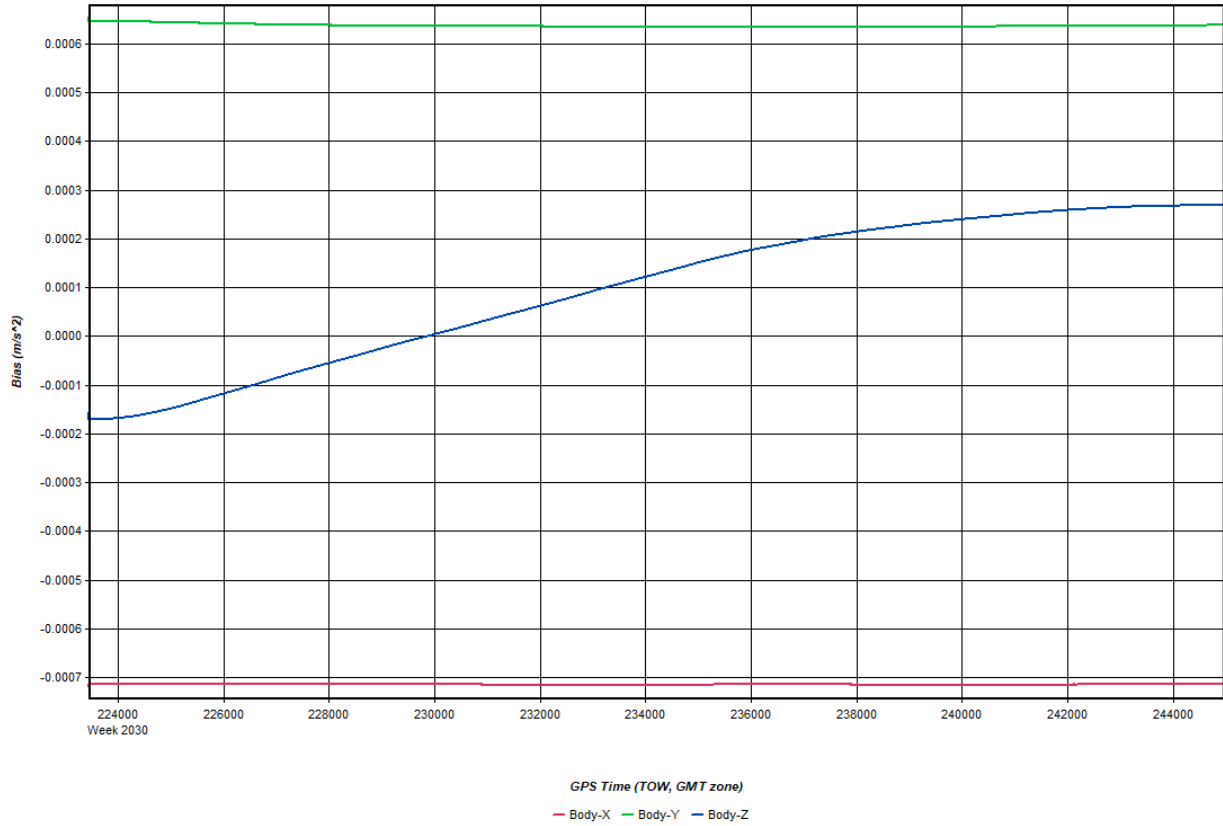
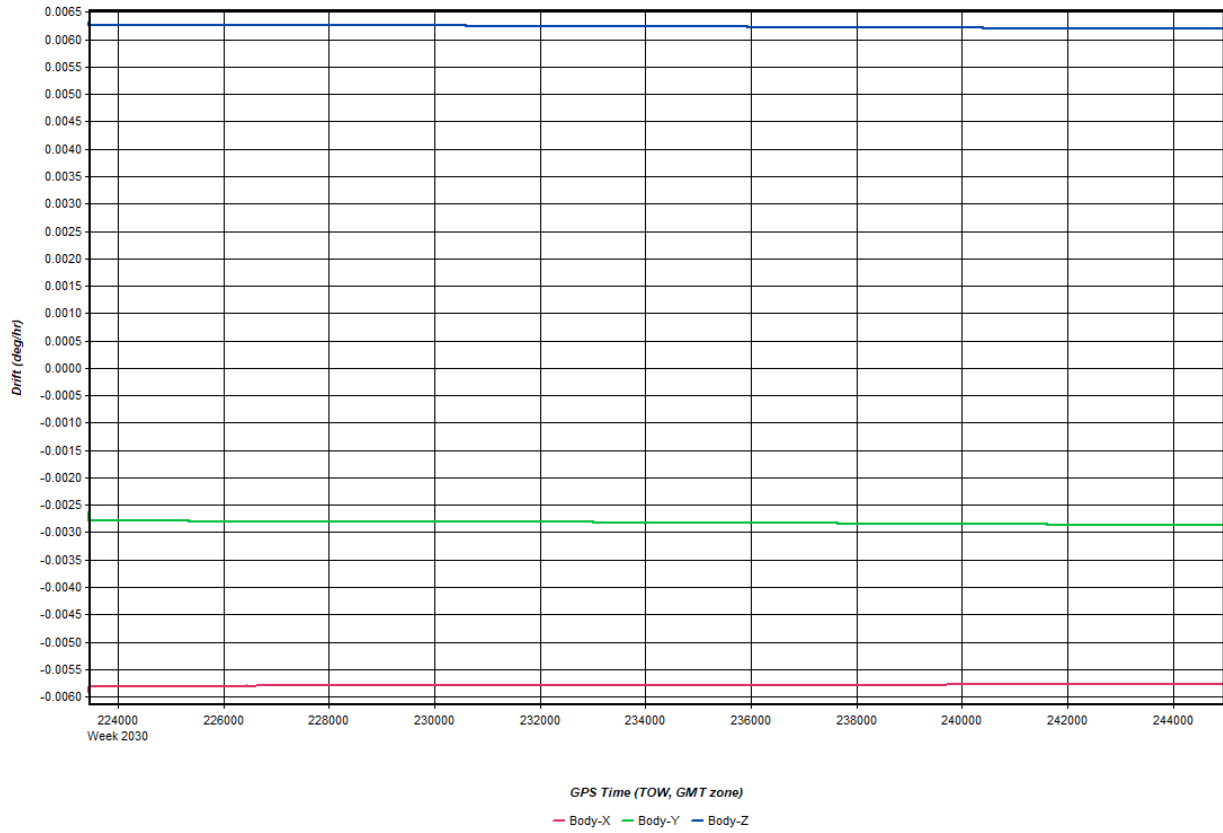


Figure 6: GW_QC_120418A_8227 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_120418A_8237

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

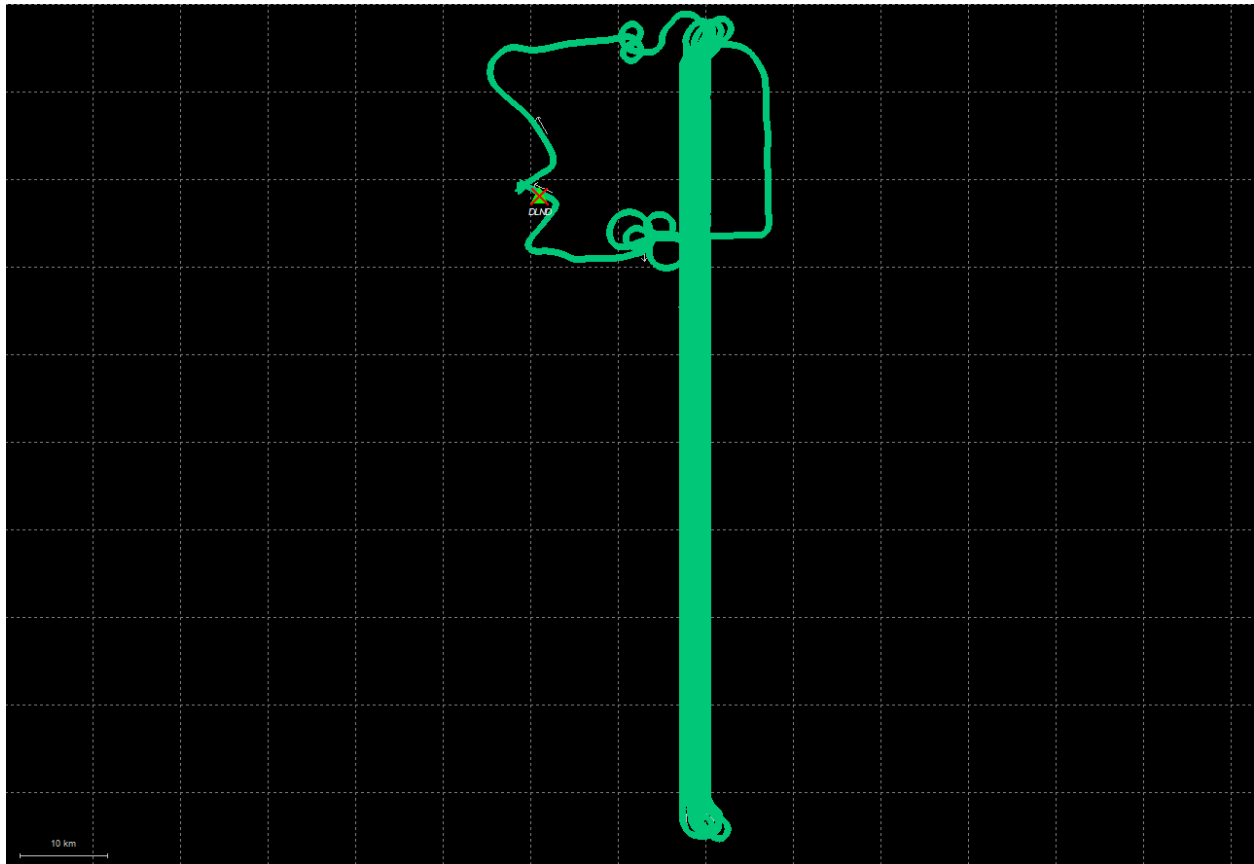


Figure 2: GW_QC_120418A_8237 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

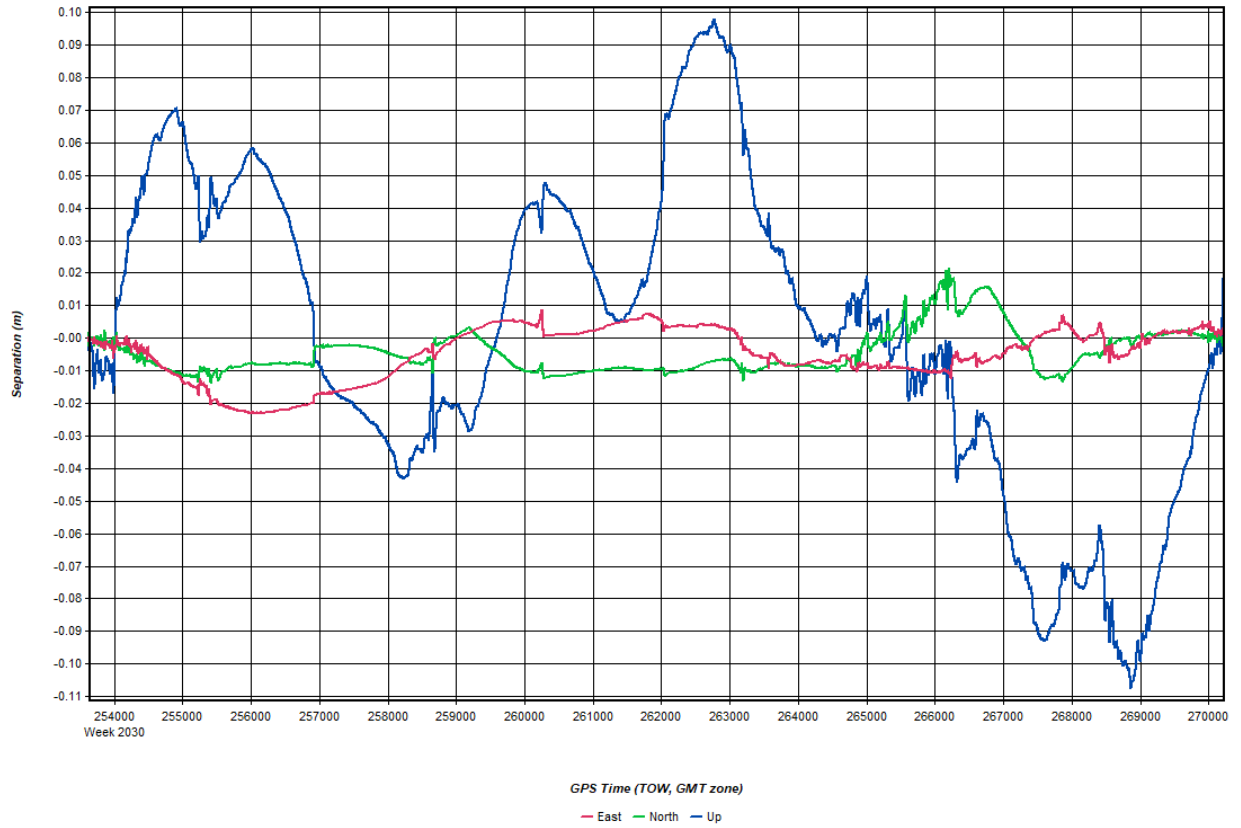


Figure 3: GW_QC_120418A_8237 [Smoothed TC Combined] - PDOP Plot

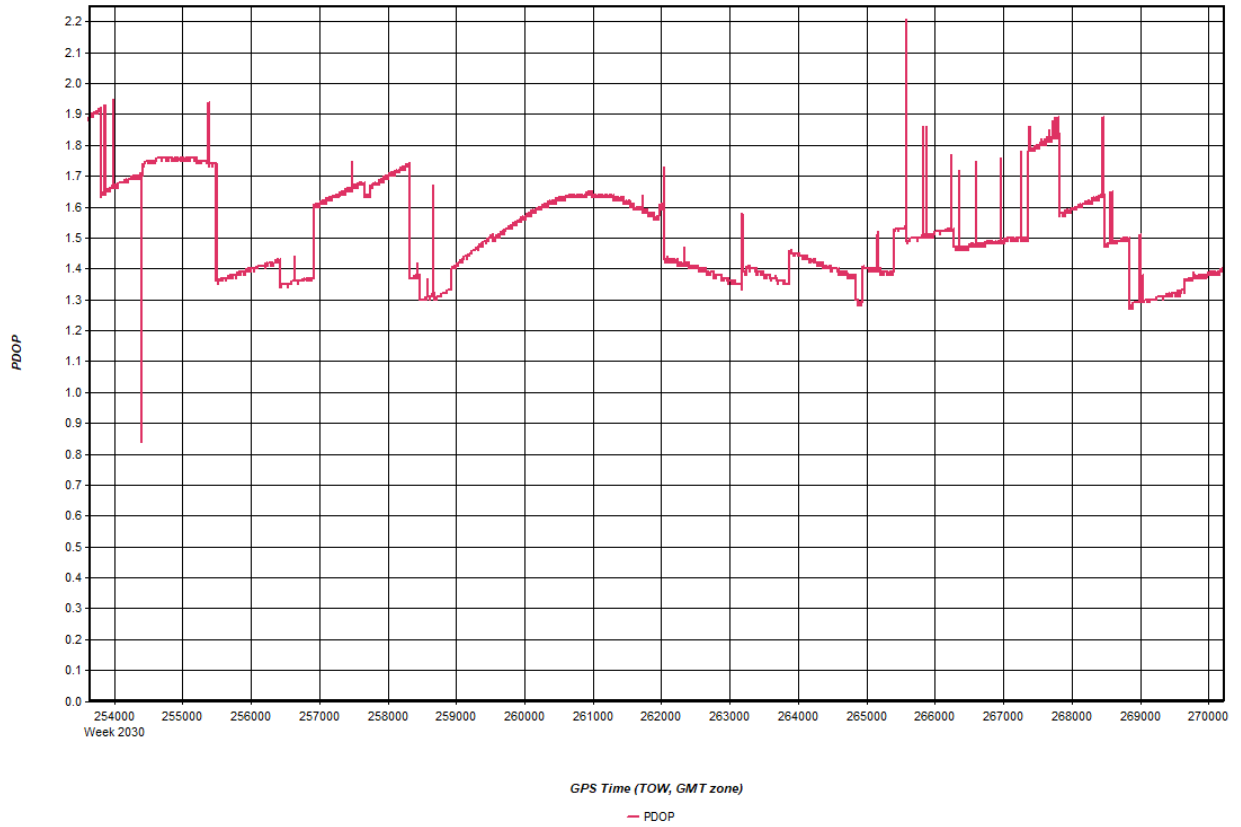
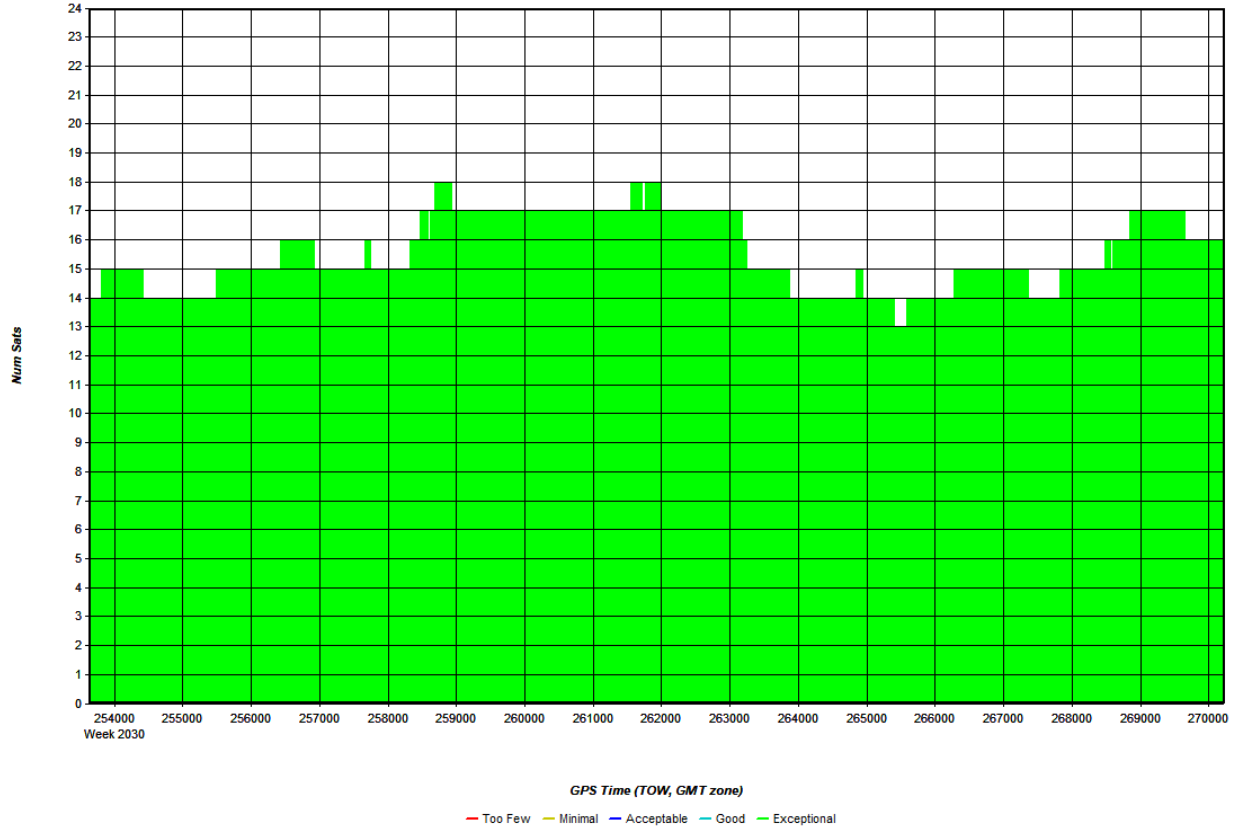


Figure 4: GW_QC_120418A_8237 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\D_Marsh_Recvd_12-07-18\8237_1_917WC\20181204_222548\GW_QC_120418A_8237.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 33242

No processed position: 9

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0196 (m)

C/A Code: 0.79 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.009 (m)

North: 0.008 (m)

Height: 0.048 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 76.757 (km)

Minimum: 0.001 (km)

Average: 31.767 (km)

First Epoch: 0.002 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_120418A_8237 [Smoothed TC Combined] - Accelerometer Bias Plot

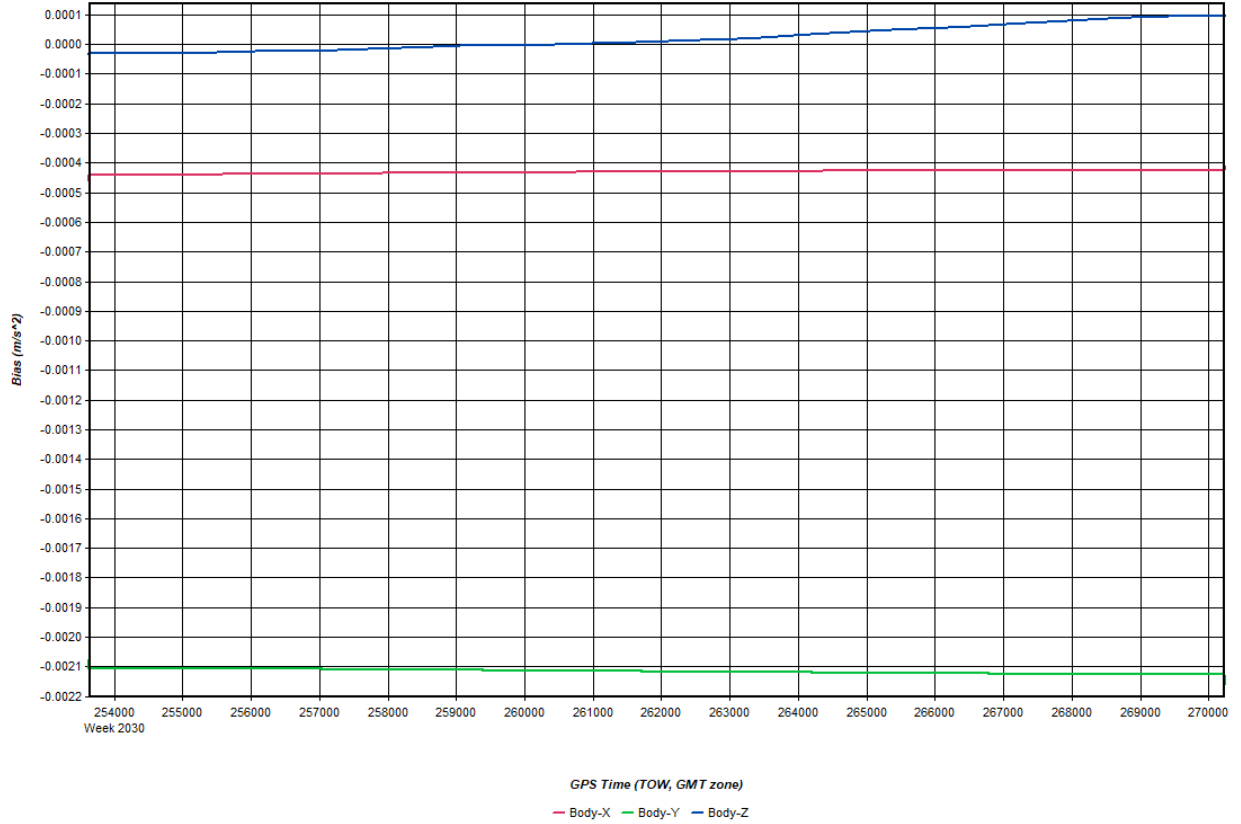
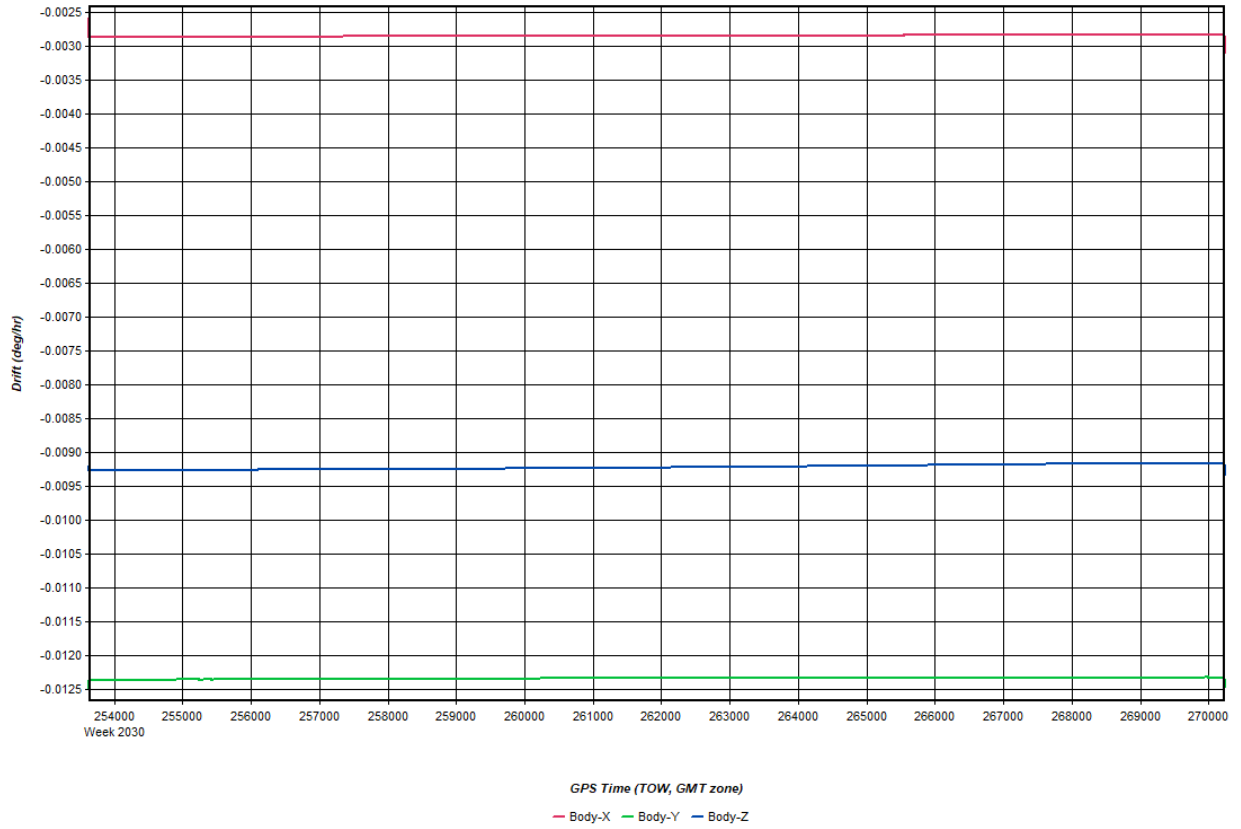


Figure 6: GW_QC_120418A_8237 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_120418A_8239

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed LC Combined - Map

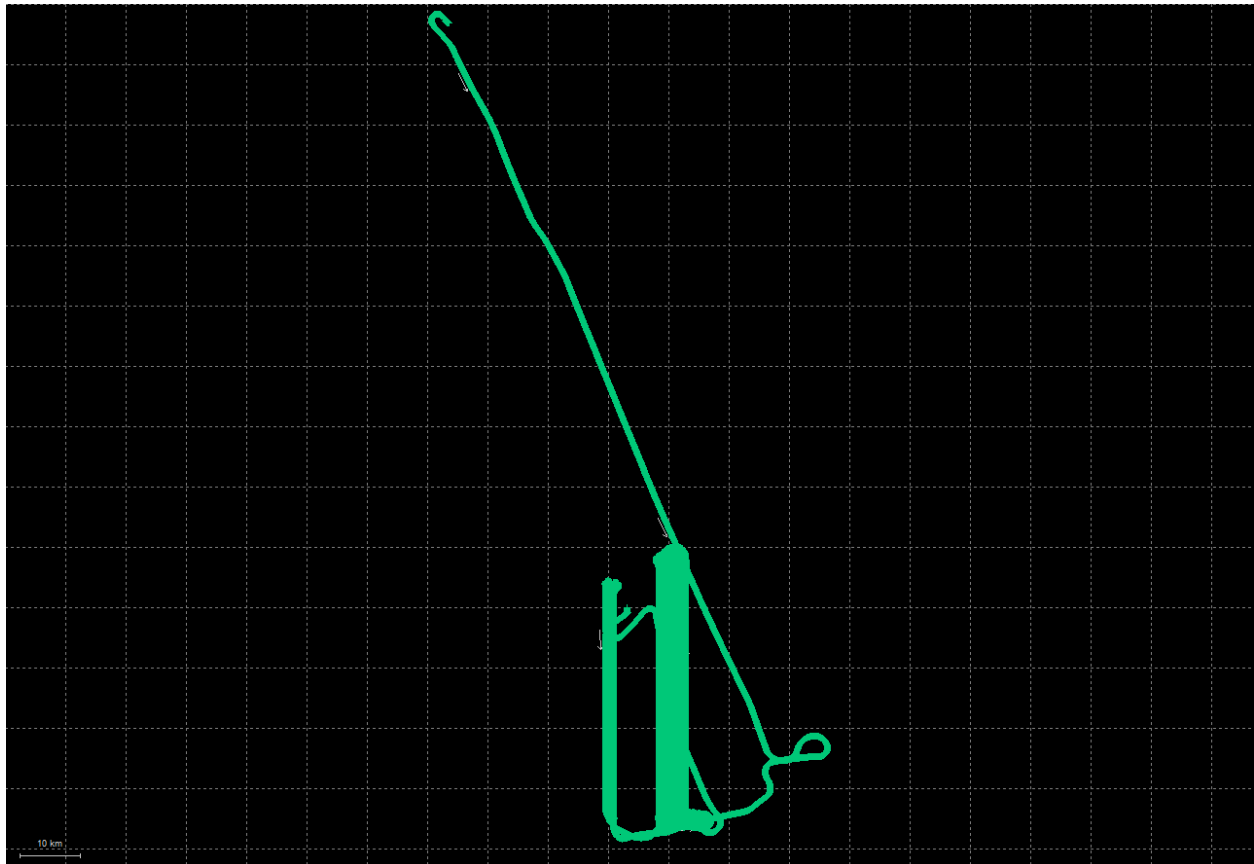


Figure 2: GW_QC_120418A_8239 [Smoothed LC Combined] - Forward/Reverse or Combined Separation Plot

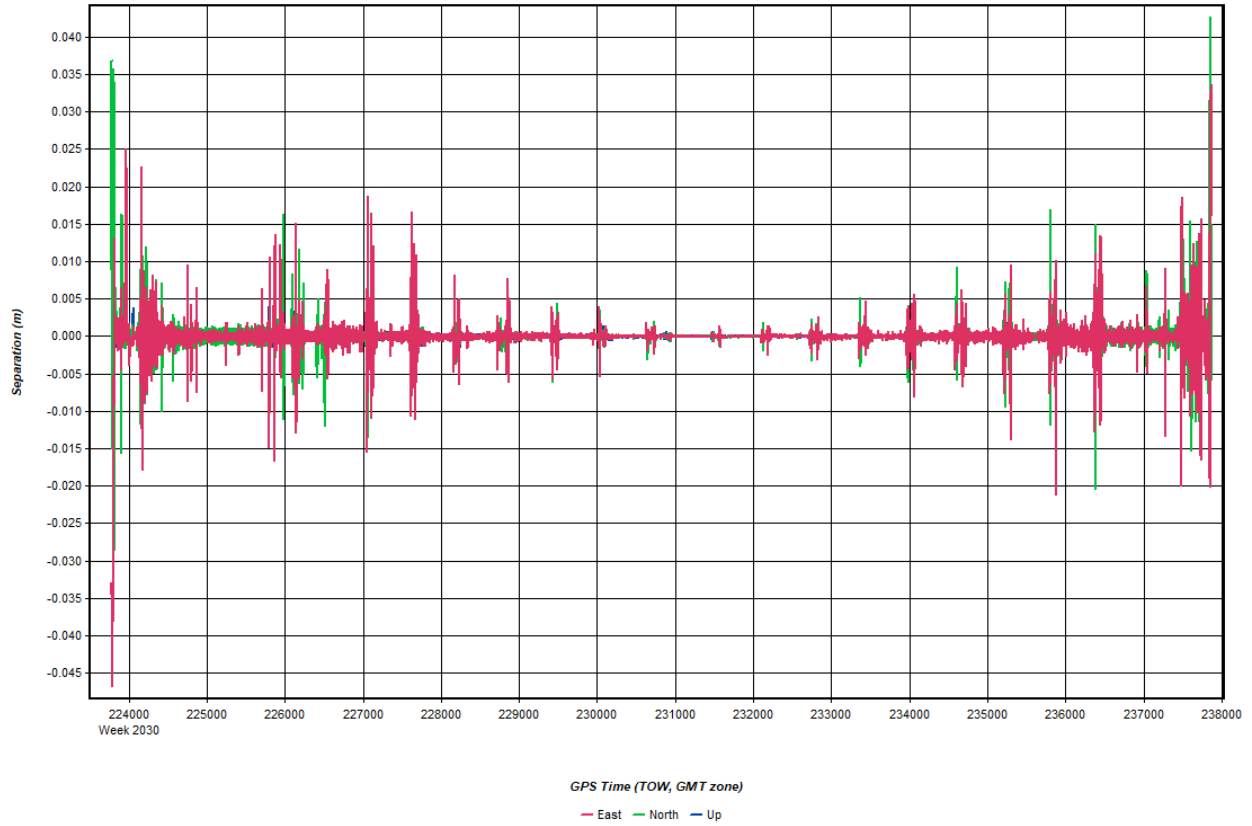


Figure 3: GW_QC_120418A_8239 [Smoothed LC Combined] - PDOP Plot

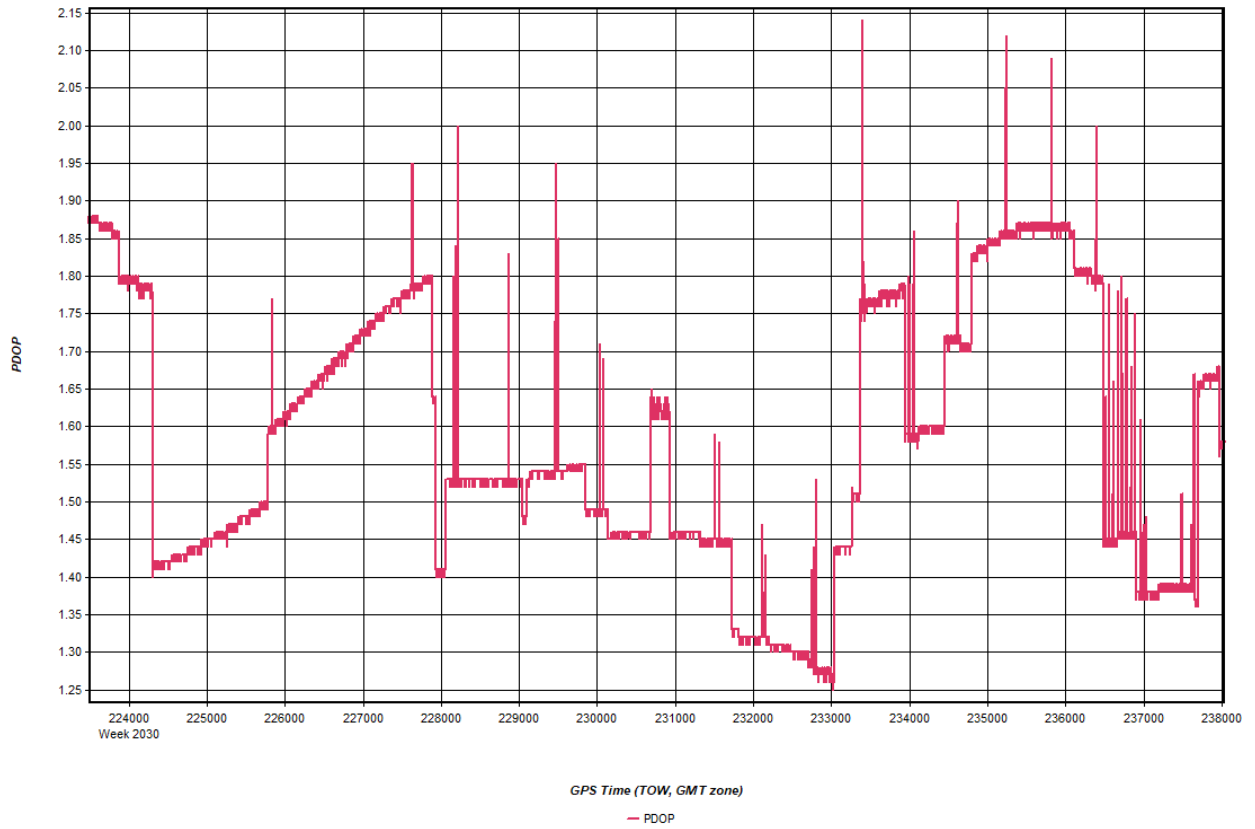
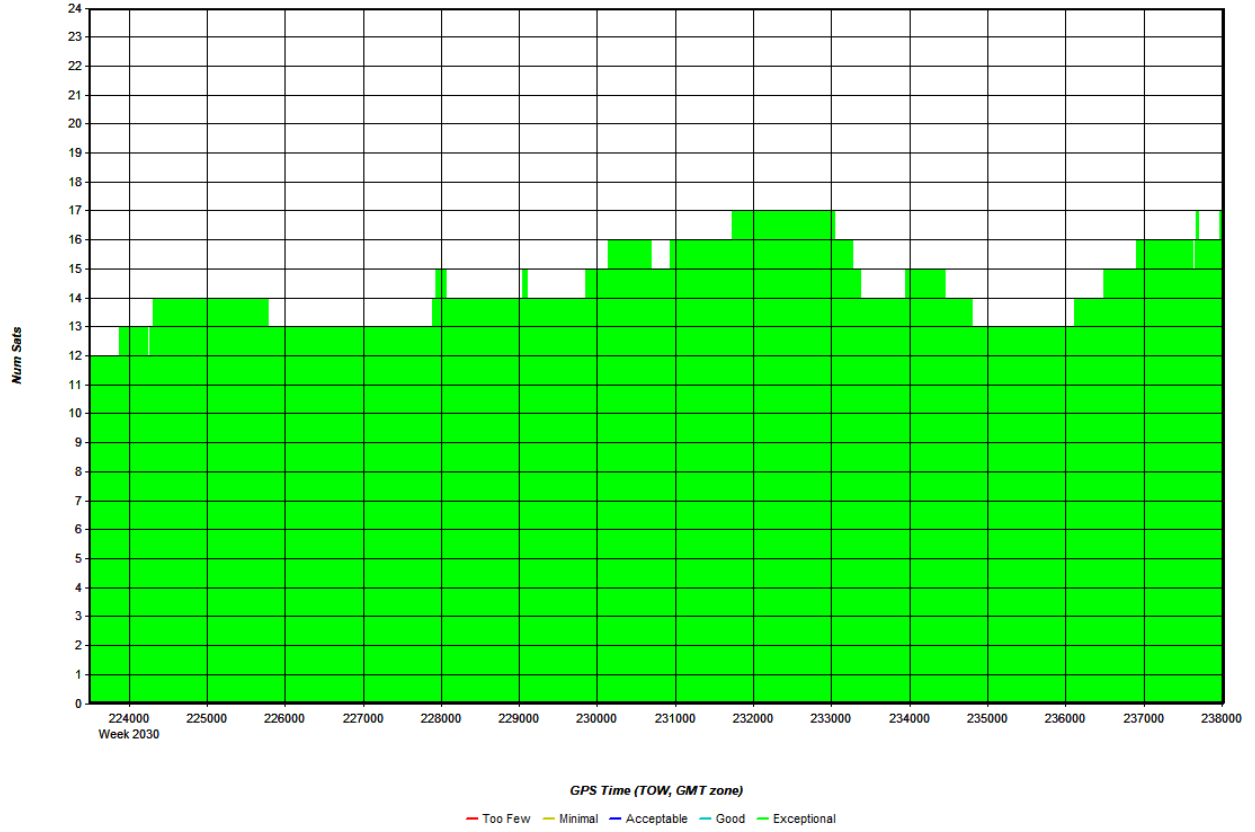


Figure 4: GW_QC_120418A_8239 [Smoothed LC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Ezekial_Ingram_Recvd_12-6-18\SN_8239\20181204_140220\GW_QC_120418A_8239.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 29125

No processed position: 3

Missing Fwd or Rev: 931

Measurement RMS Values:

L1 Phase: 0.0175 (m)

C/A Code: 1.05 (m)

L1 Doppler: 0.012 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.003 (m)

North: 0.002 (m)

Height: 0.001 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 100.783 (km)

Minimum: 7.380 (km)

Average: 64.778 (km)

First Epoch: 100.783 (km)

Last Epoch: 100.783 (km)

Figure 5: GW_QC_120418A_8239 [Smoothed LC Combined] - Accelerometer Bias Plot

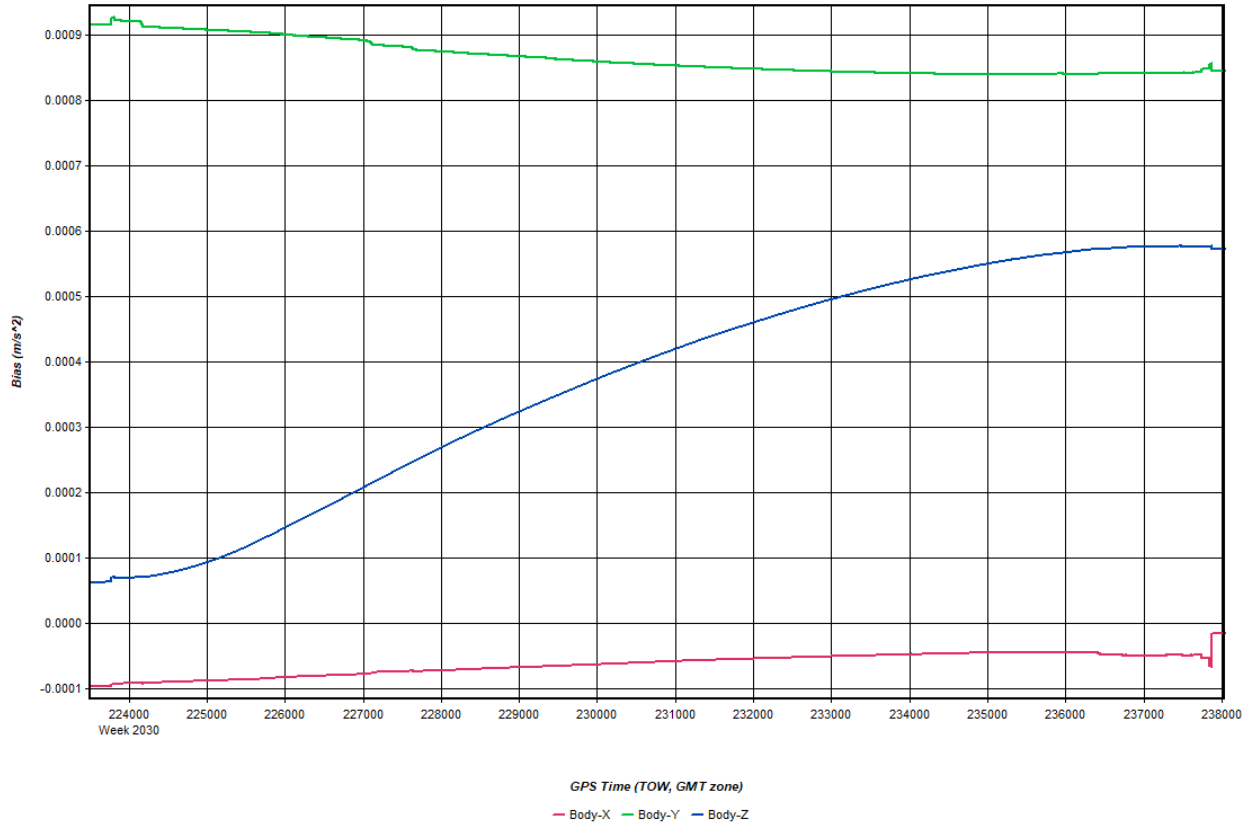


Figure 6: GW_QC_120418A_8239 [Smoothed LC Combined] - Gyro Drift Plot

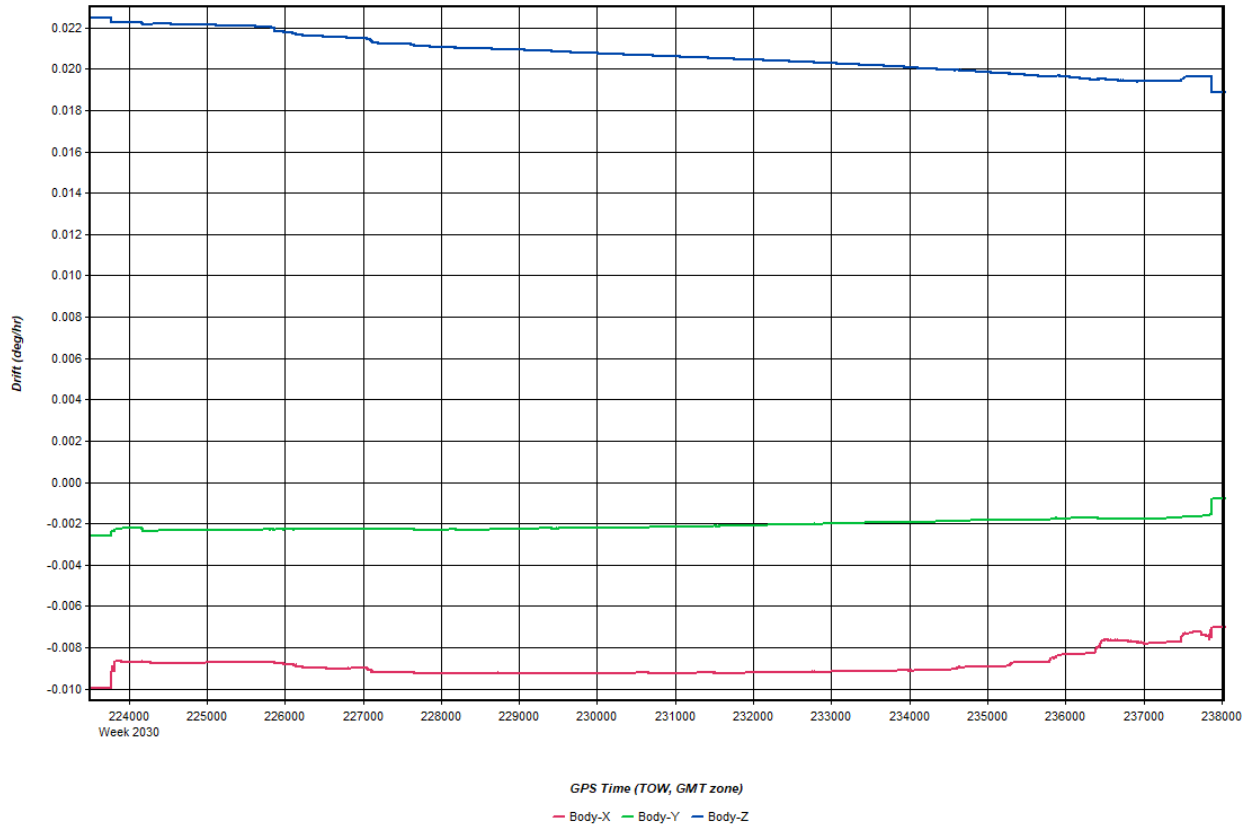


Figure 2: GW_QC_120418B_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

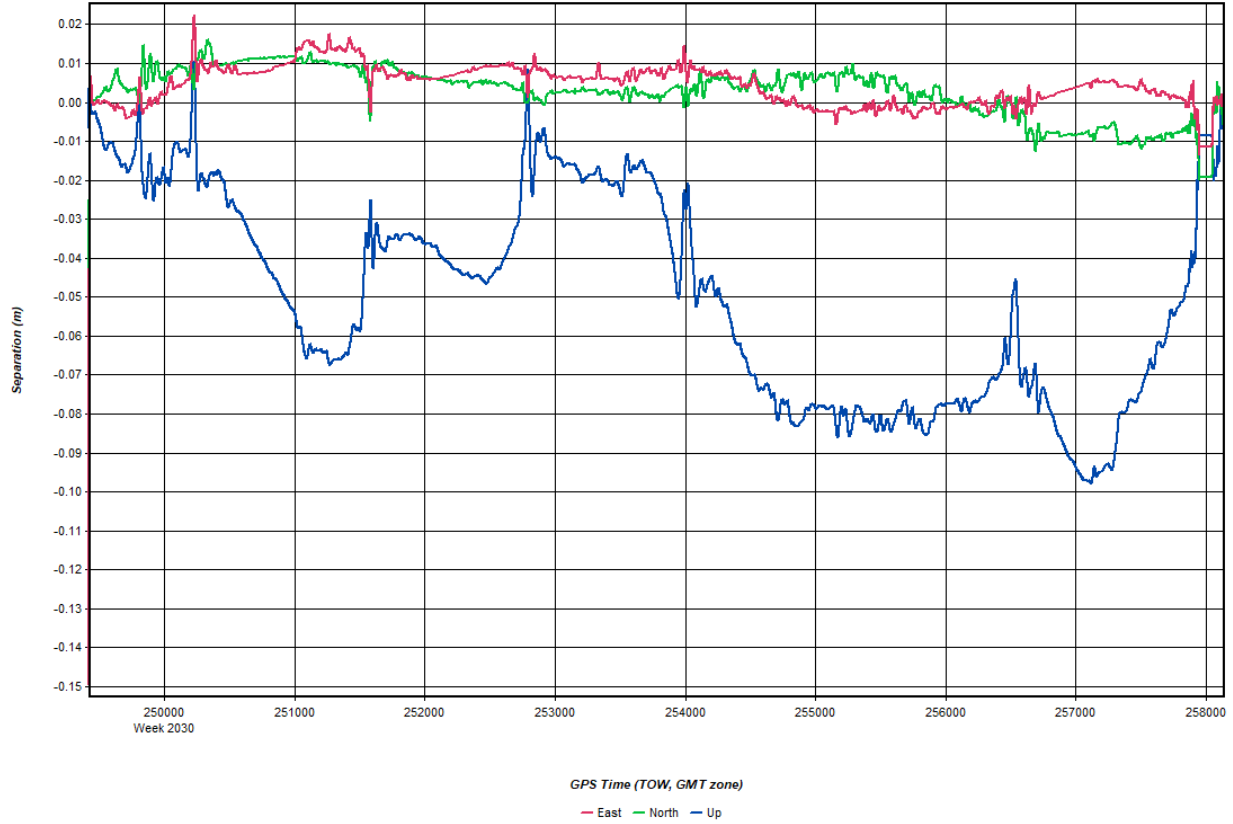
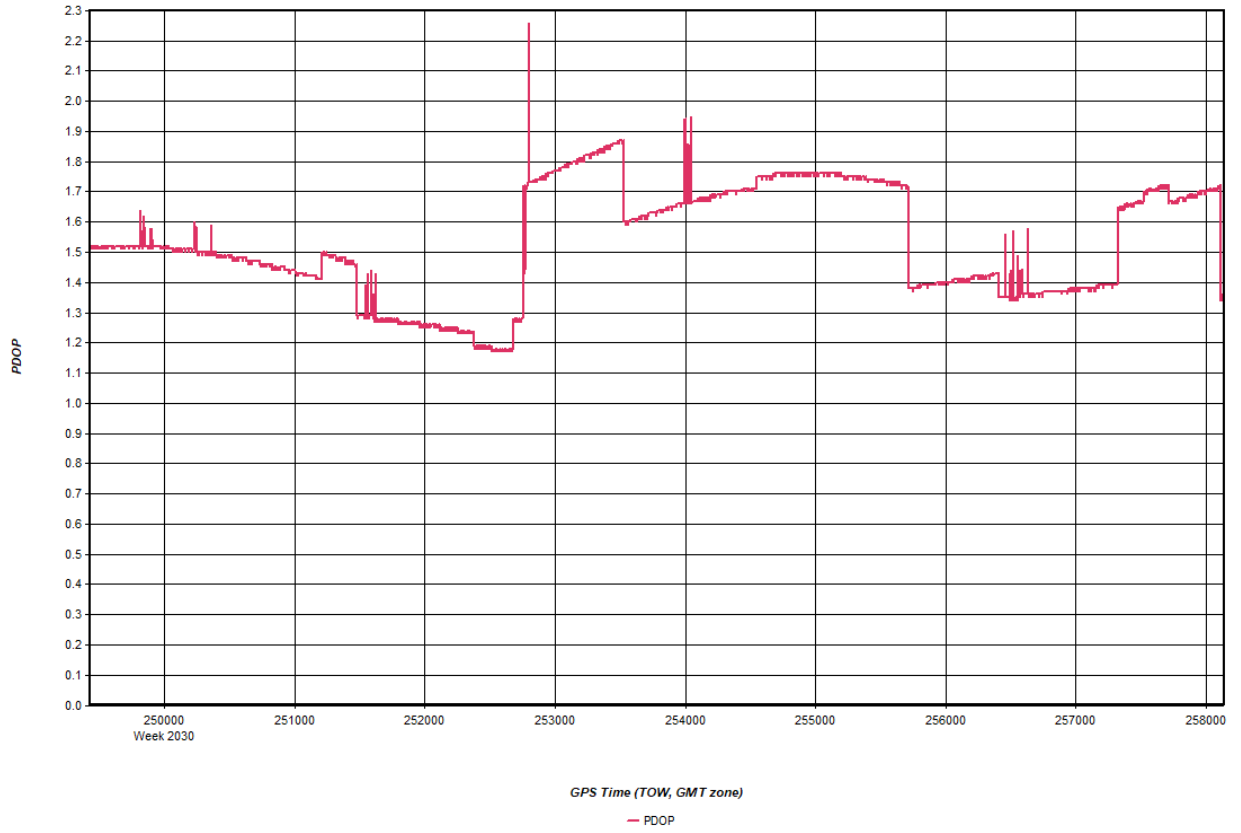


Figure 3: GW_QC_120418B_8227 [Smoothed TC Combined] - PDOP Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\Ezekial_Ingram_Recvd_12-6-

18\SN_8227\20181204_M2_FL_USGS_604MD\20181204_211539\GW_QC_120418B_8227.c
f
g

Solution Type: Combined

Number of Epochs:

Total in GPB file: 17469

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0126 (m)

C/A Code: 0.67 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.007 (m)

North: 0.007 (m)

Height: 0.056 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 75.455 (km)

Minimum: 0.003 (km)

Average: 46.857 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_120418B_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

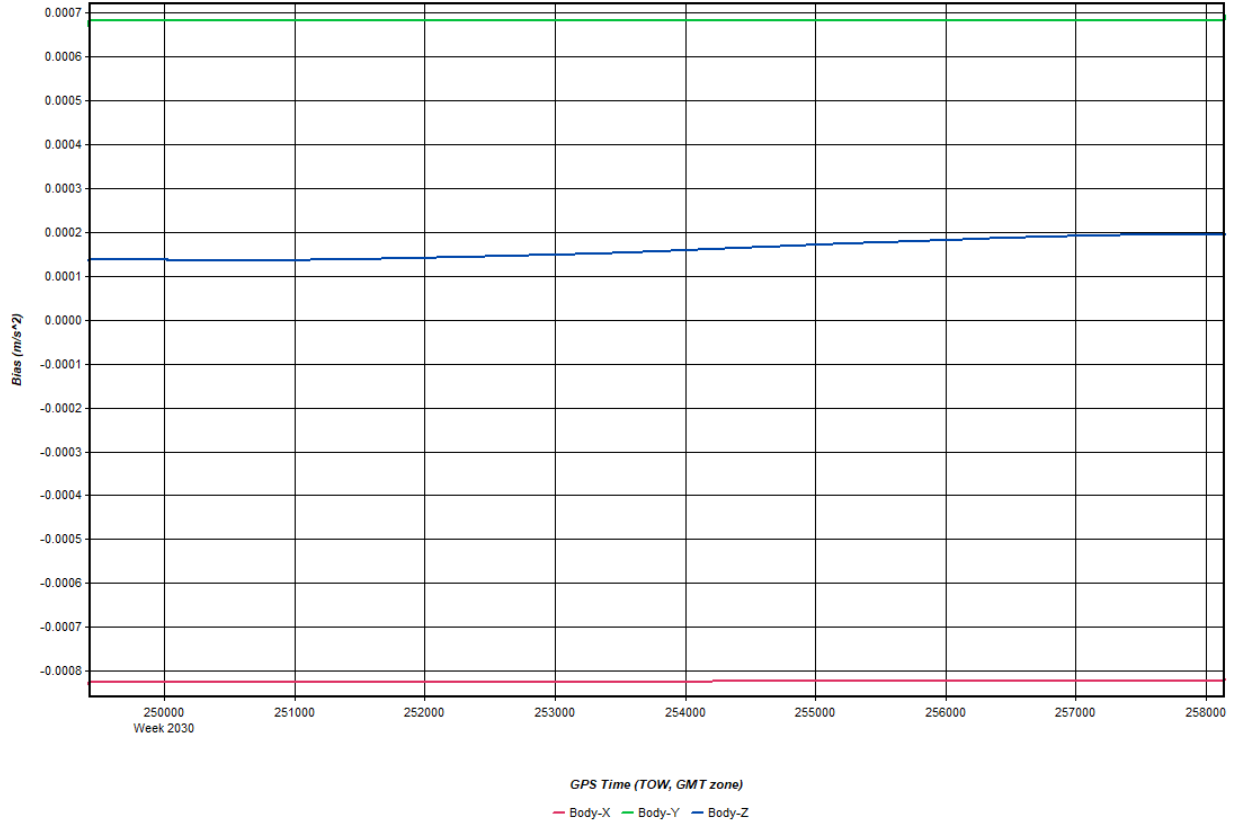
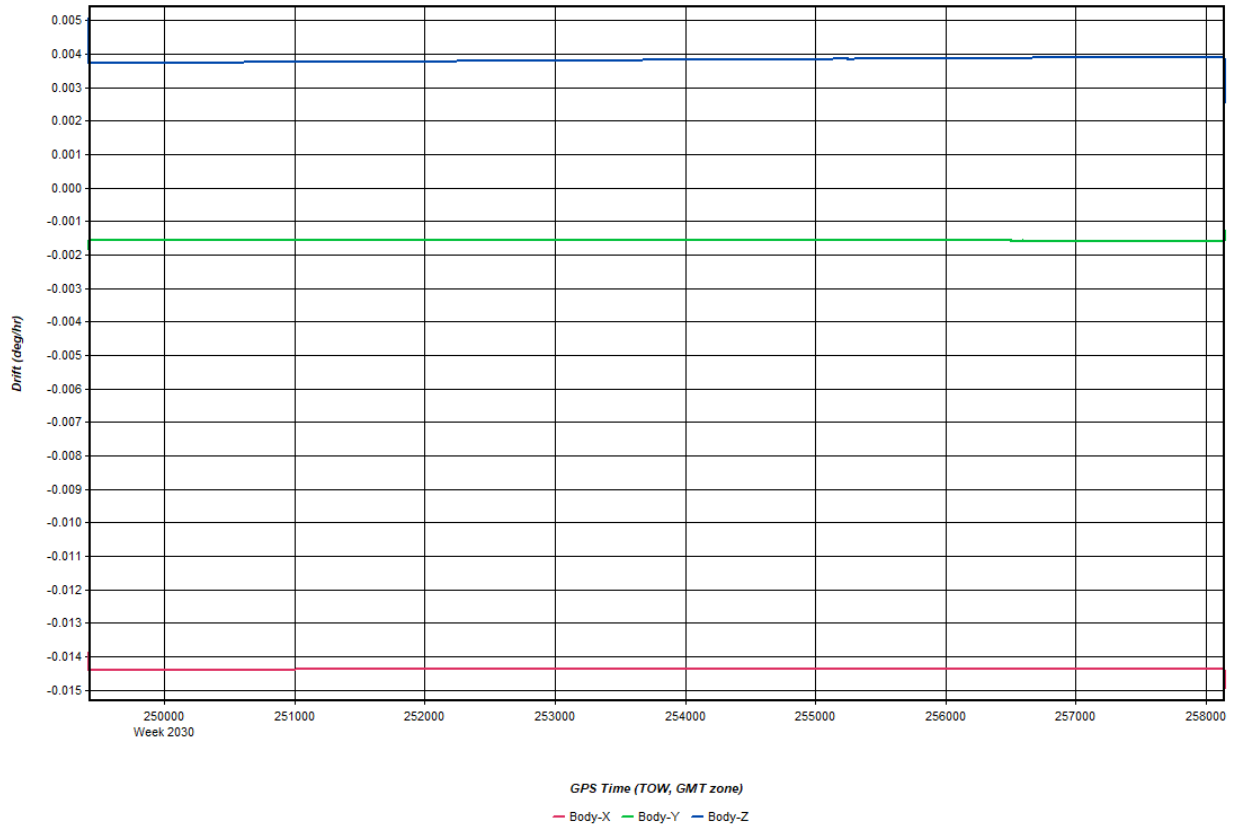


Figure 6: GW_QC_120418B_8227 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_120518A_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

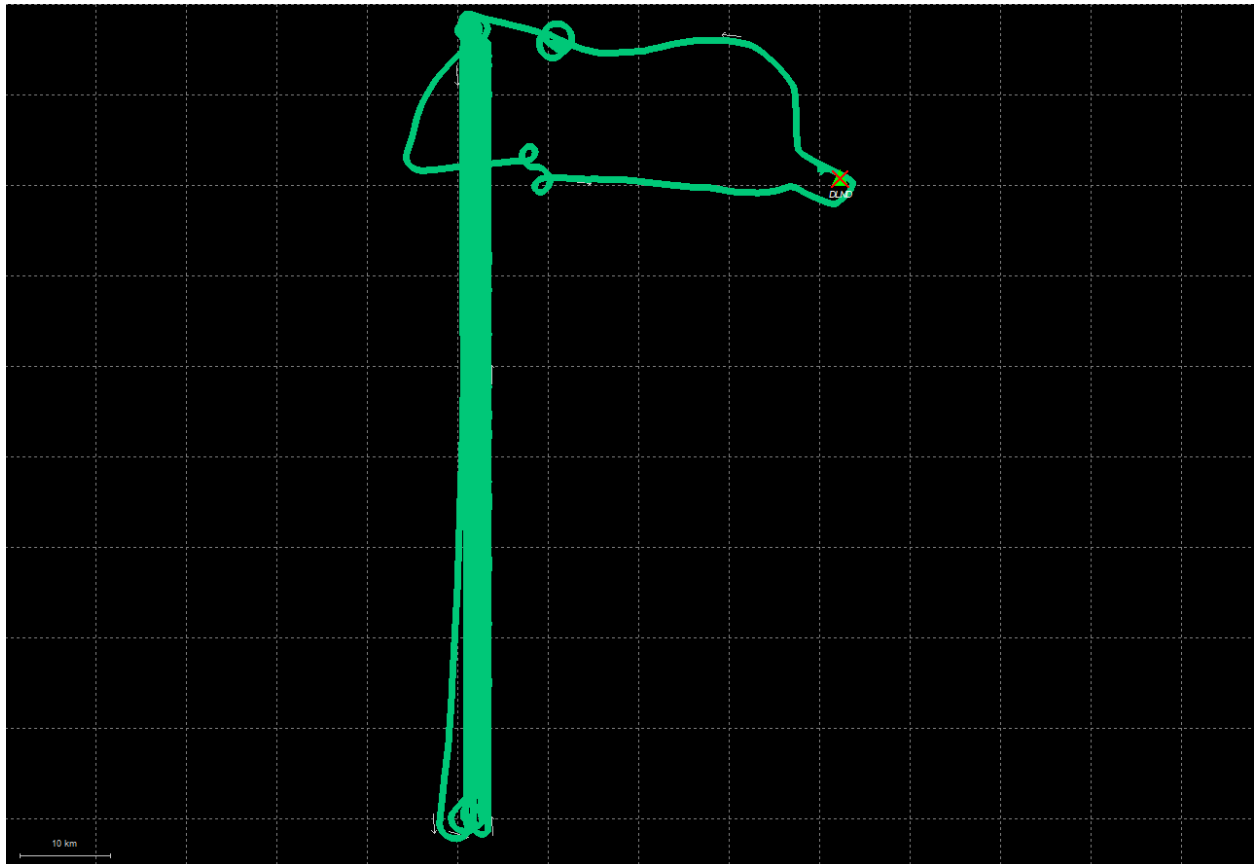


Figure 2: GW_QC_120518A_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

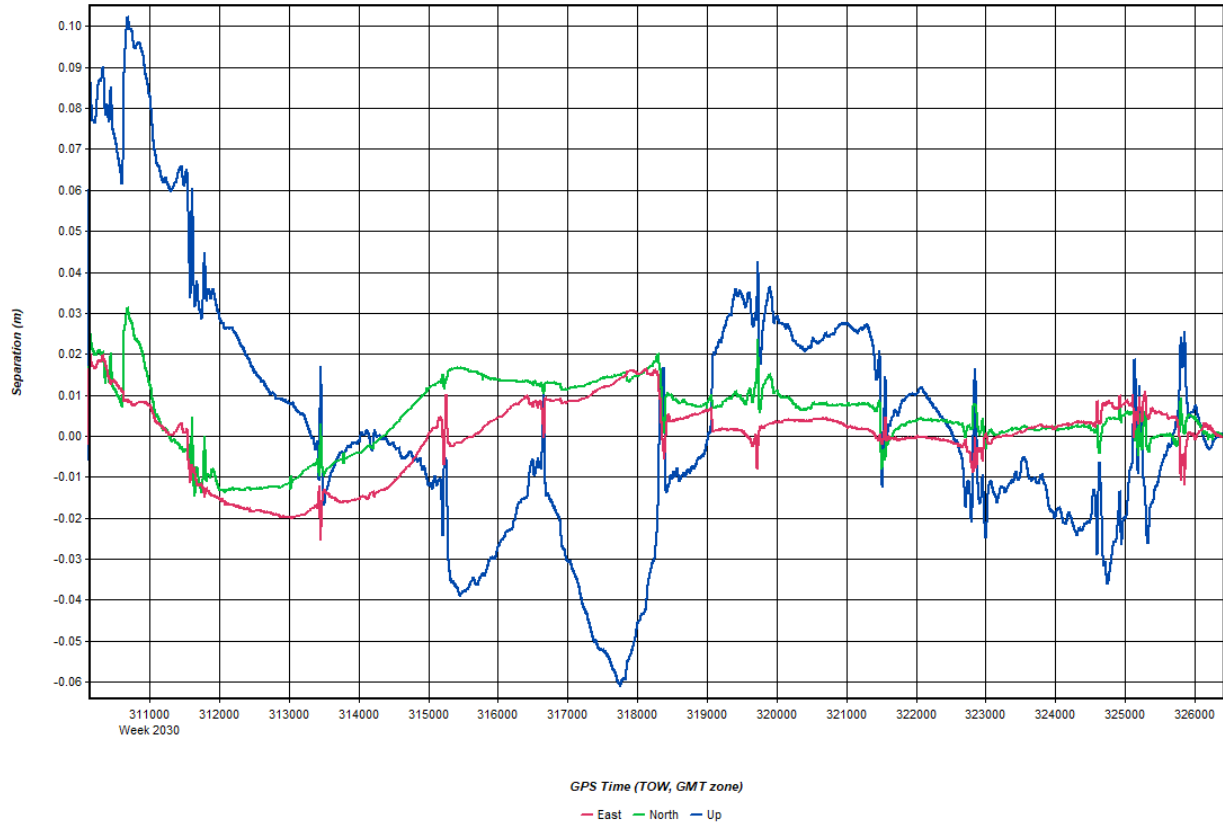


Figure 3: GW_QC_120518A_8119 [Smoothed TC Combined] - PDOP Plot

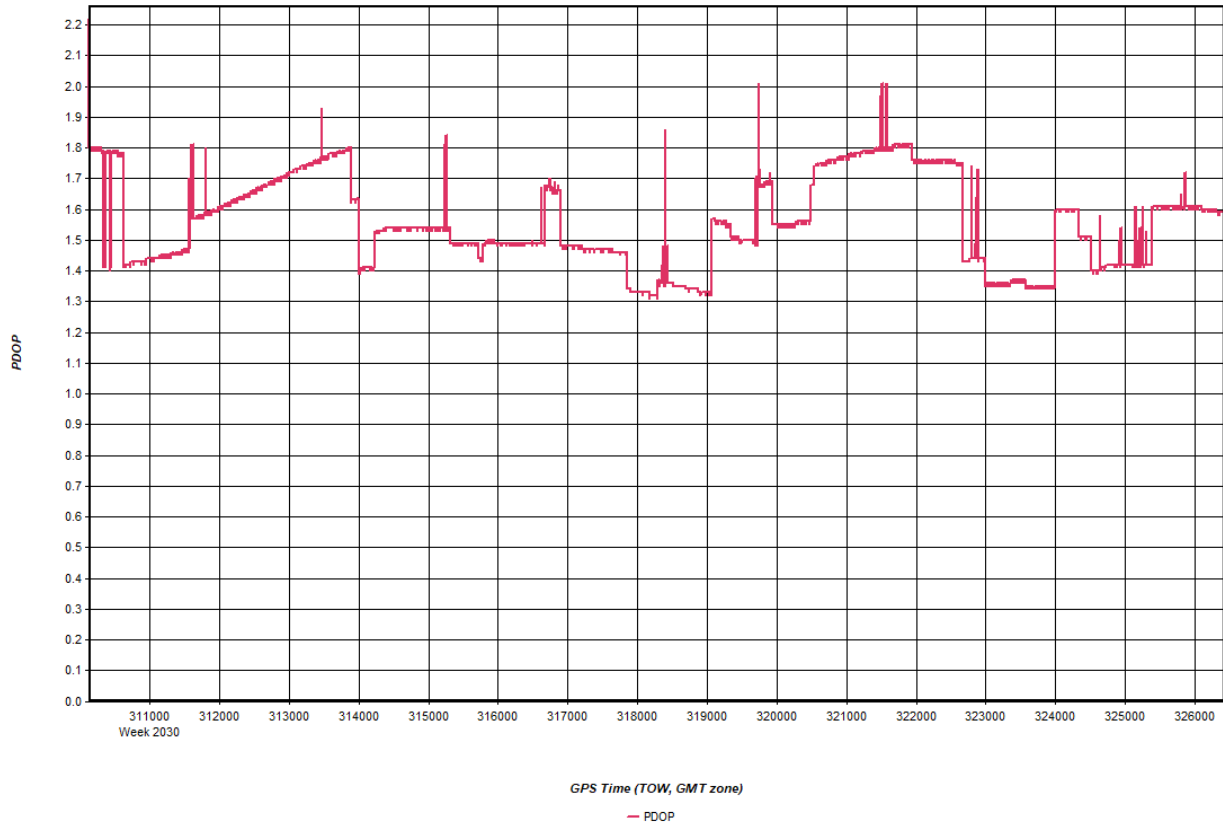
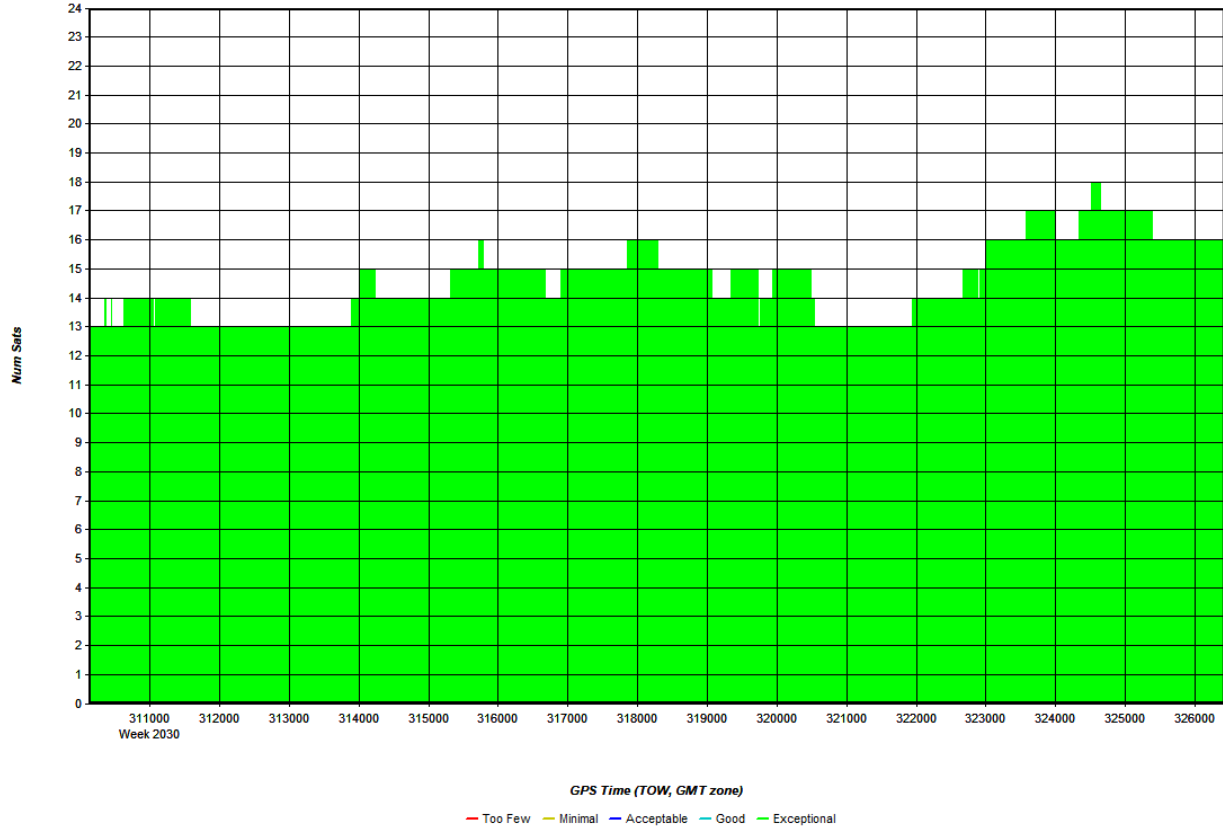


Figure 4: GW_QC_120518A_8119 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\D_Marsh_Recvd_12-07-18\8119_2_916WC\20181205_140713\GW_QC_120518A_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 32632

No processed position: 7

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0173 (m)

C/A Code: 0.63 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.009 (m)

North: 0.010 (m)

Height: 0.032 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 84.127 (km)

Minimum: 0.003 (km)

Average: 44.706 (km)

First Epoch: 0.005 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_120518A_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

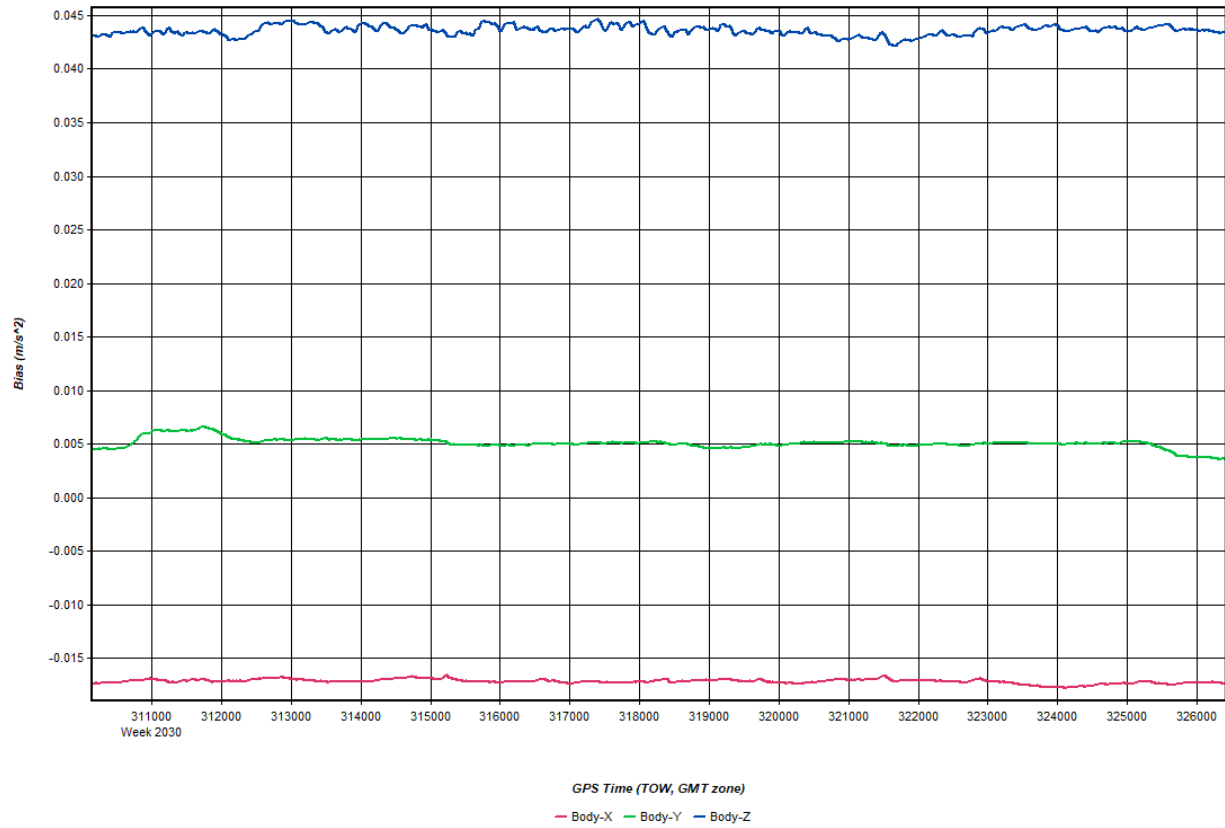
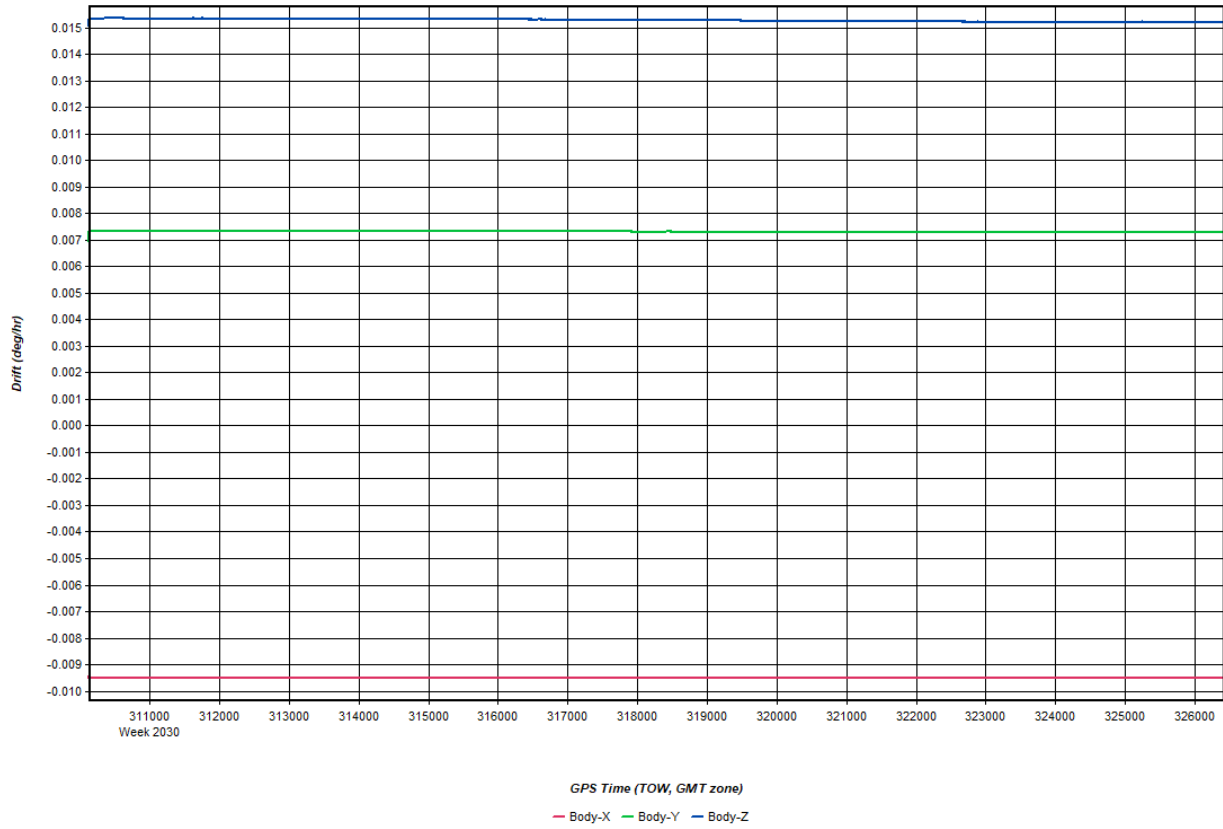


Figure 6: GW_QC_120518A_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_120518A_8237

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

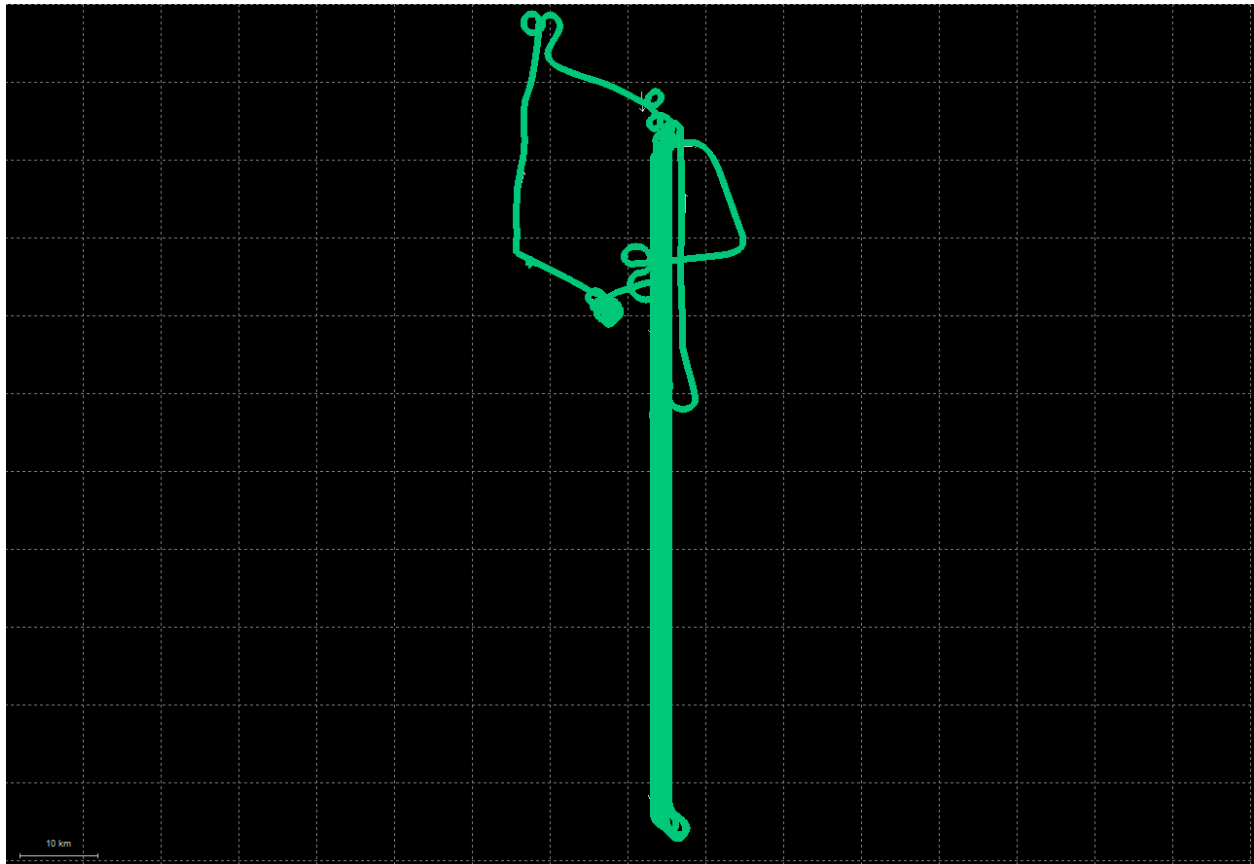


Figure 2: GW_QC_120518A_8237 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

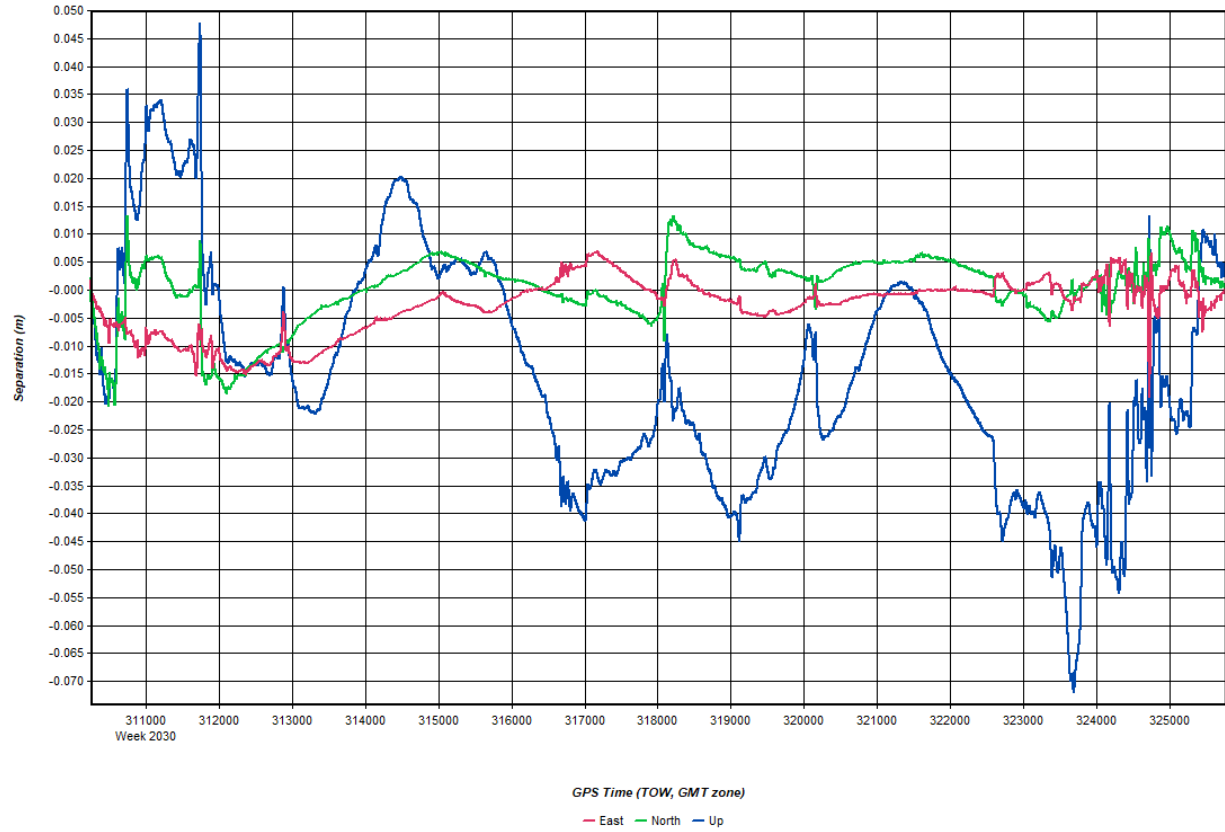


Figure 3: GW_QC_120518A_8237 [Smoothed TC Combined] - PDOP Plot

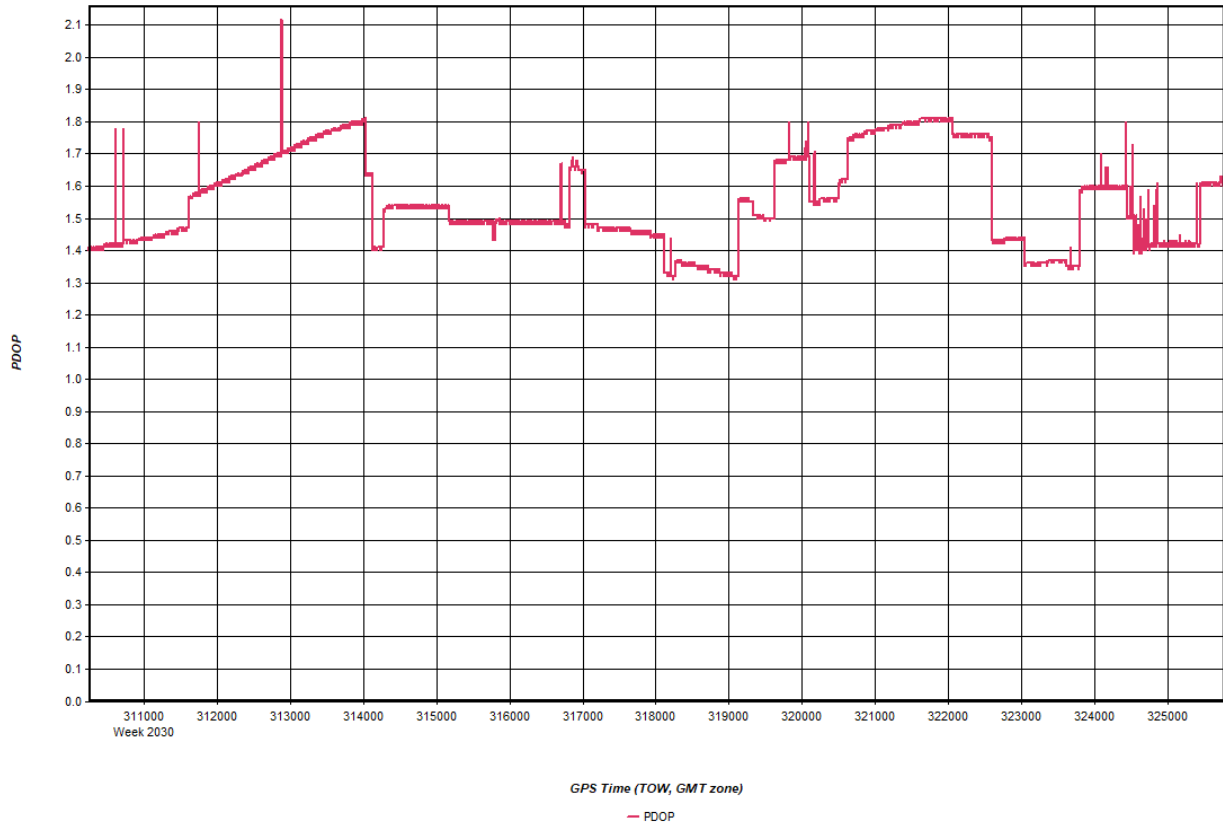
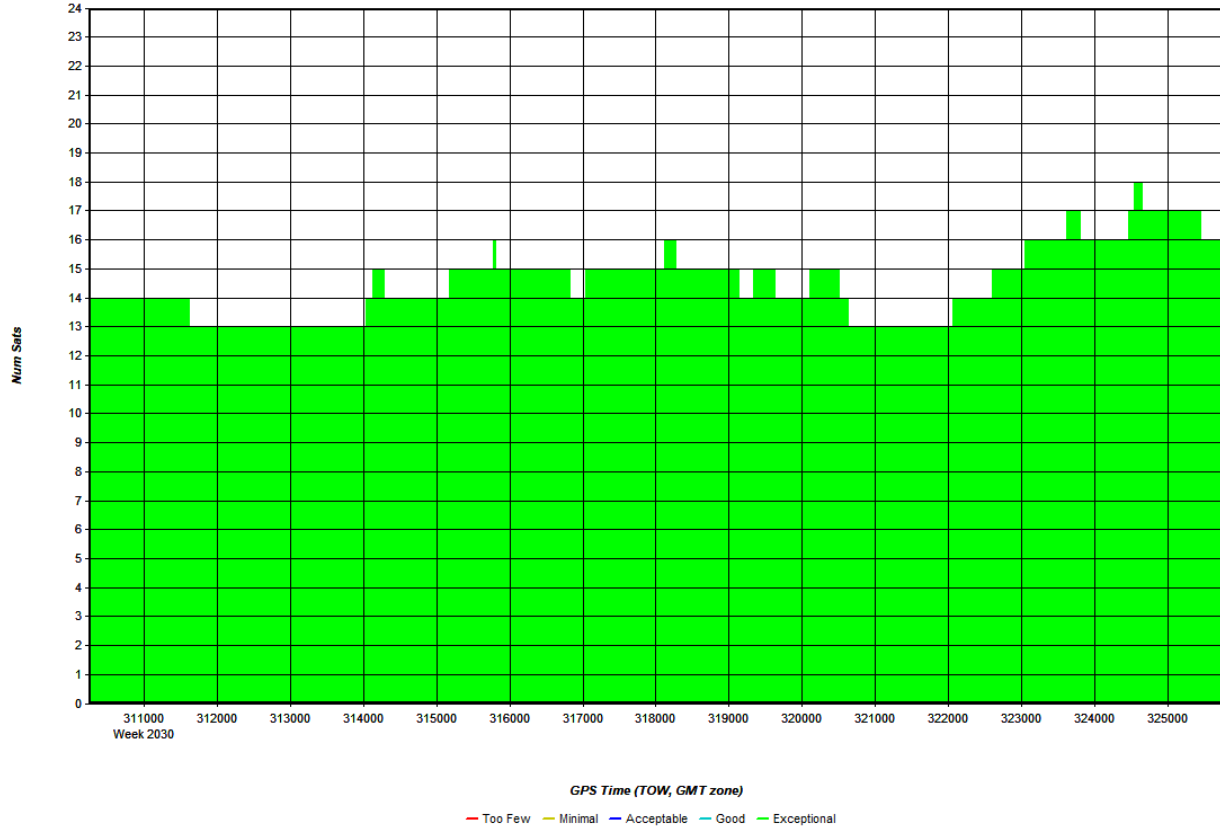


Figure 4: GW_QC_120518A_8237 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: F:\Proc\33747_FL_LiDAR\D_Marsh_Recvd_12-07-18\8237_2_917WC\20181205_140848\GW_QC_120518A_8237.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 31065

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0162 (m)

C/A Code: 1.11 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.006 (m)

North: 0.006 (m)

Height: 0.025 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 75.843 (km)

Minimum: 0.003 (km)

Average: 29.188 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_120518A_8237 [Smoothed TC Combined] - Accelerometer Bias Plot

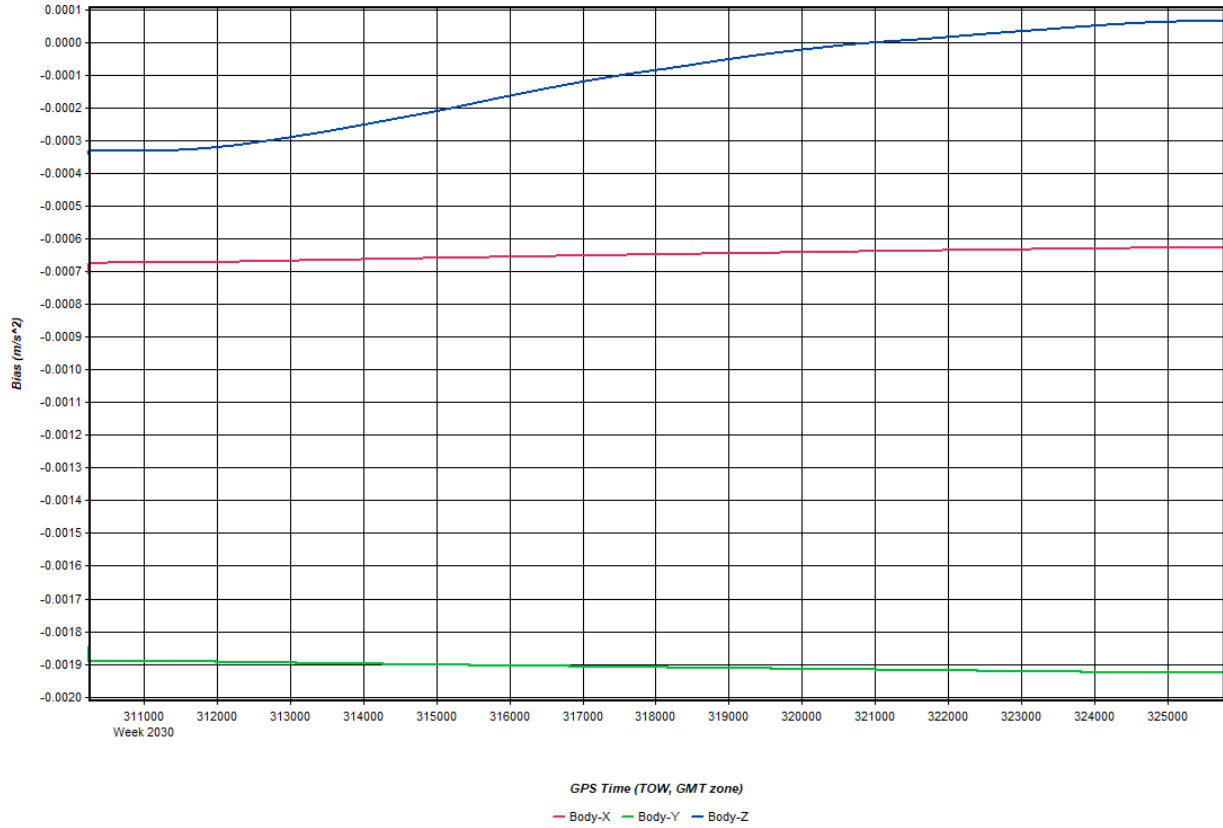
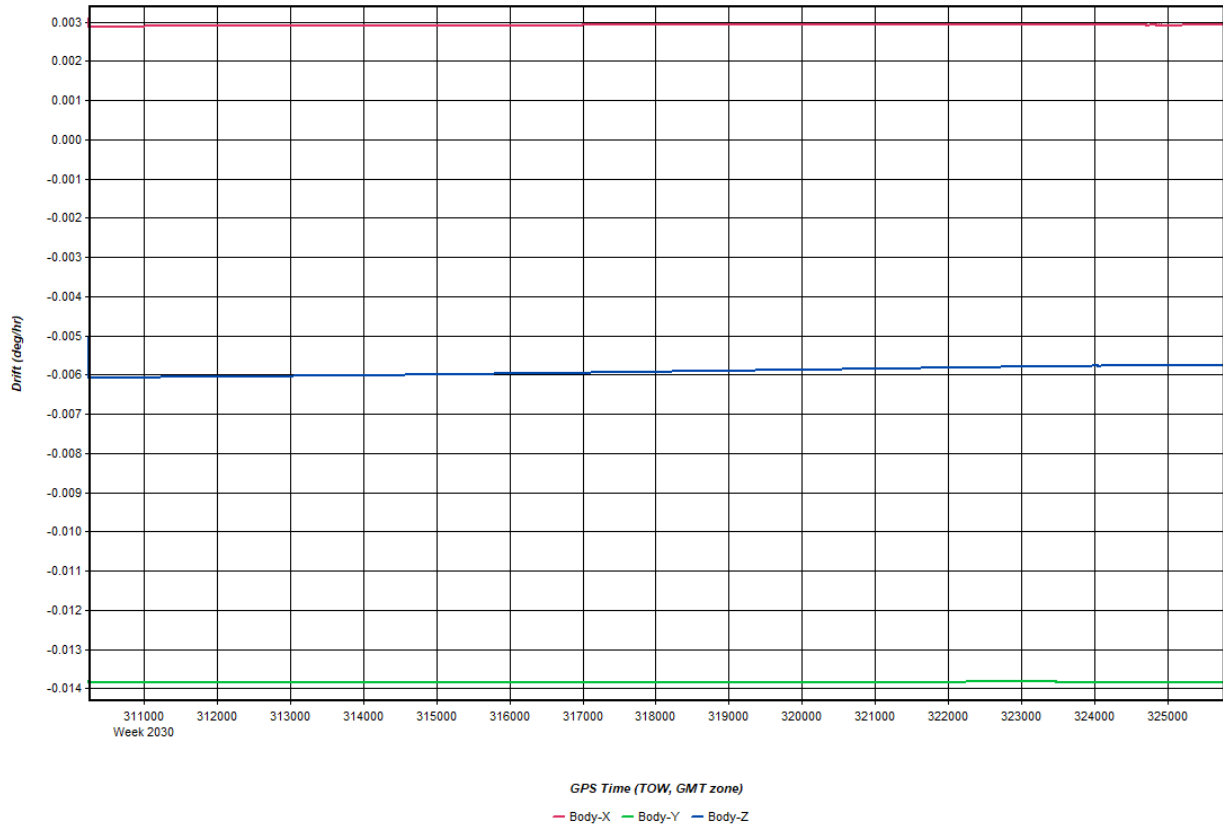


Figure 6: GW_QC_120518A_8237 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_12-07-18B_8119

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

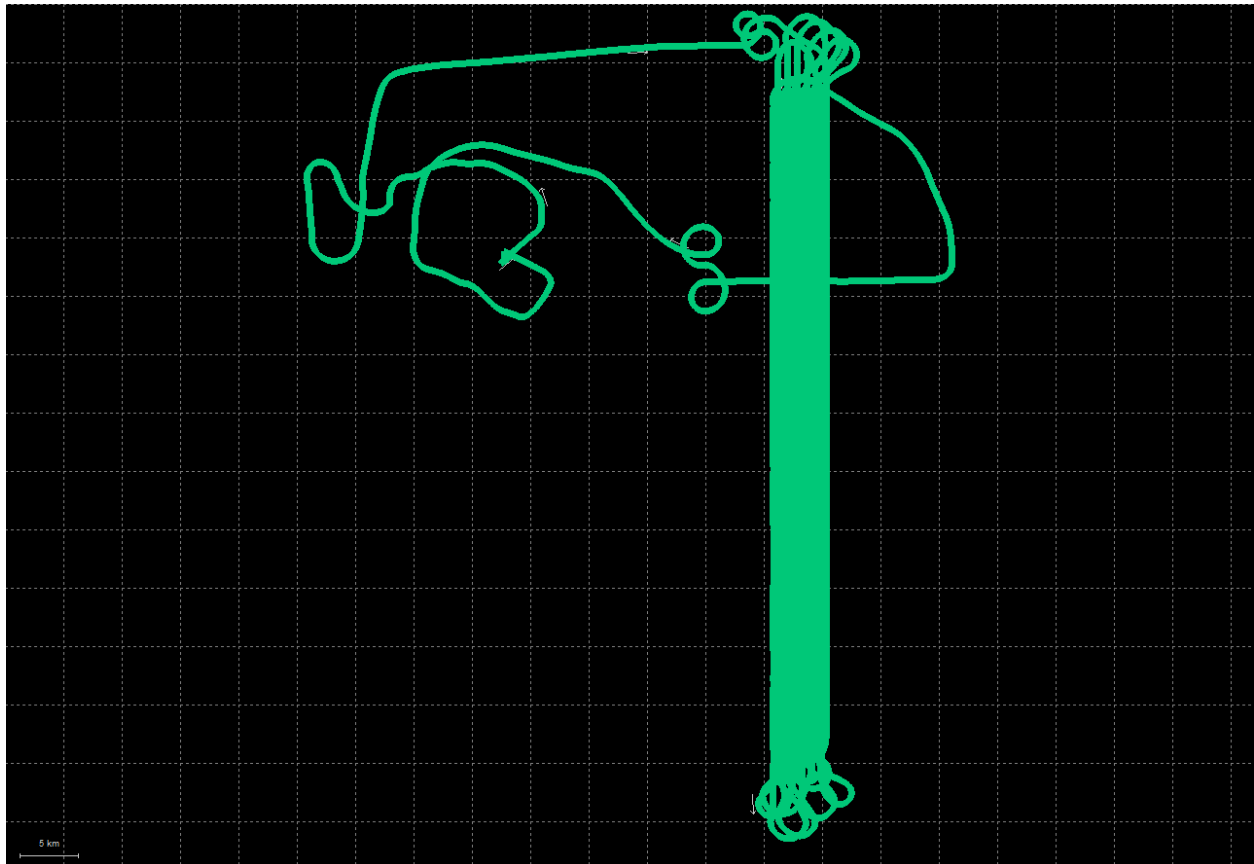


Figure 2: GW_QC_12-07-18B_8119 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

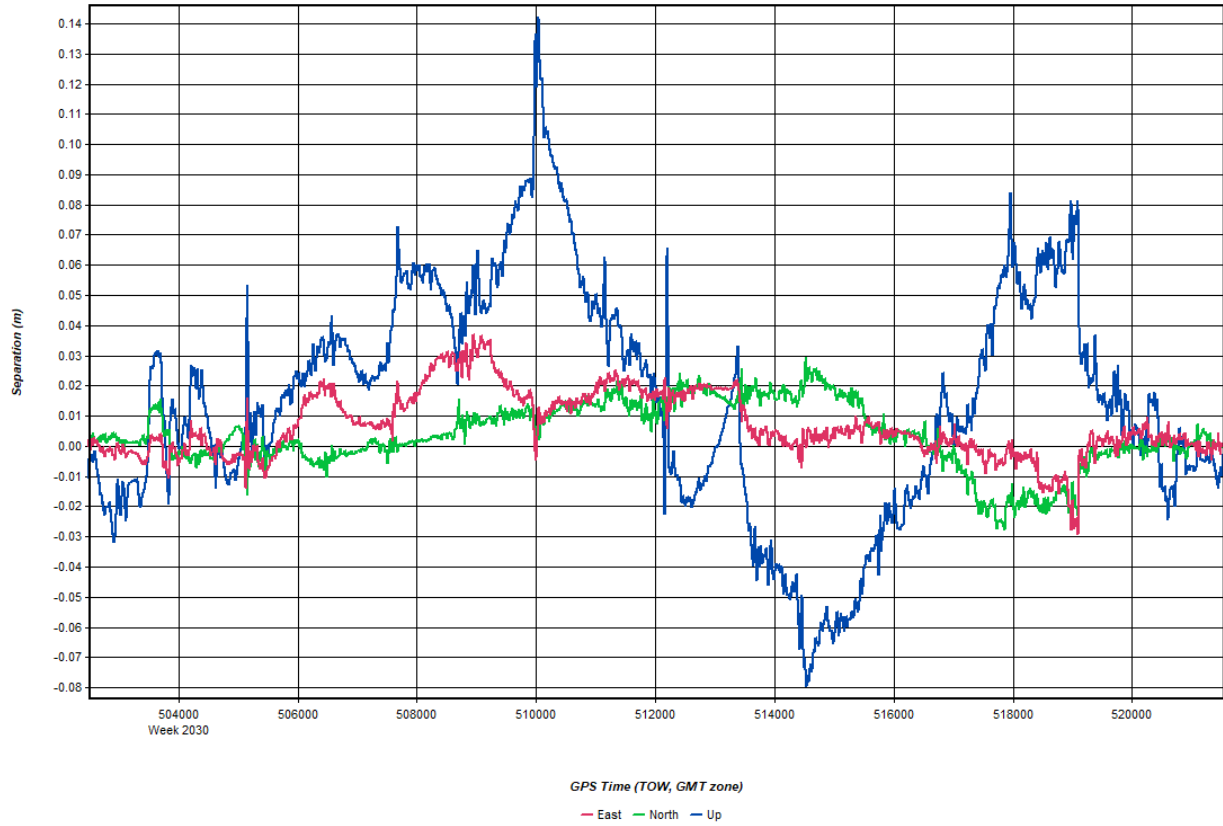


Figure 3: GW_QC_12-07-18B_8119 [Smoothed TC Combined] - PDOP Plot

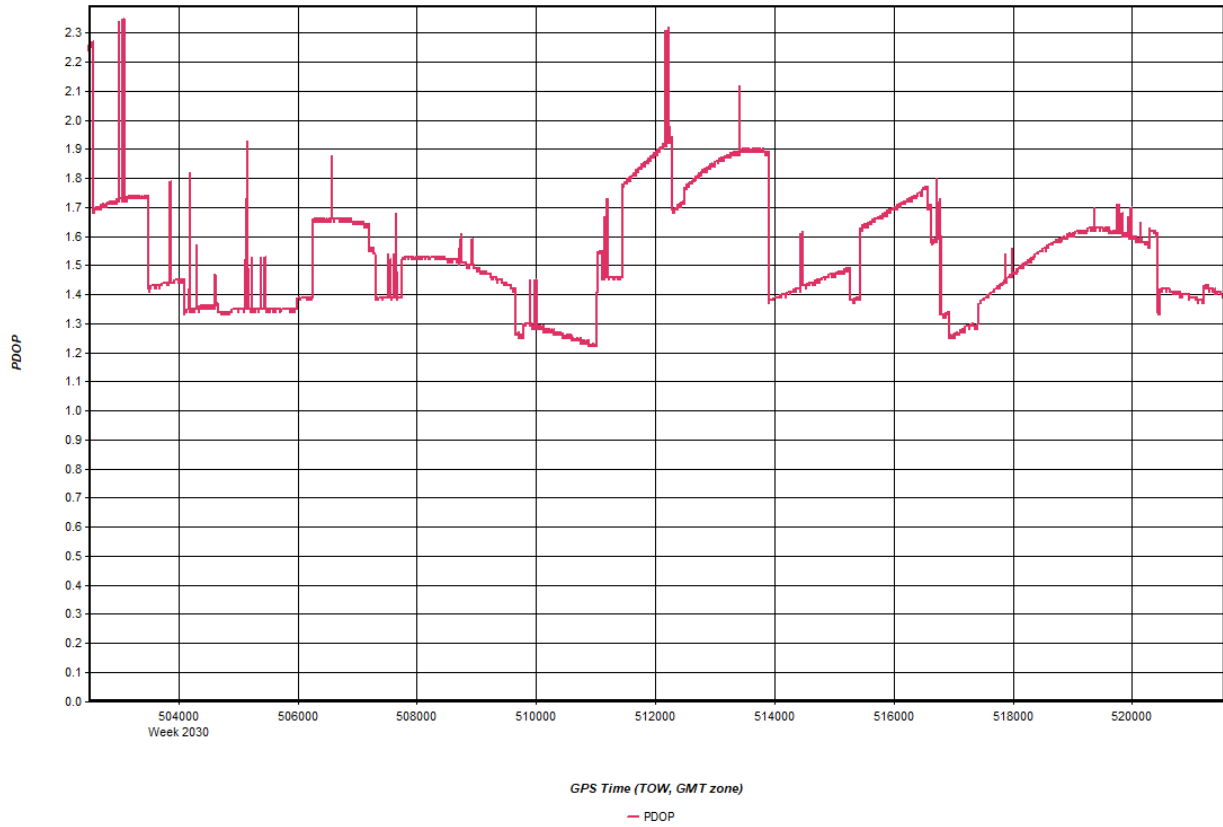
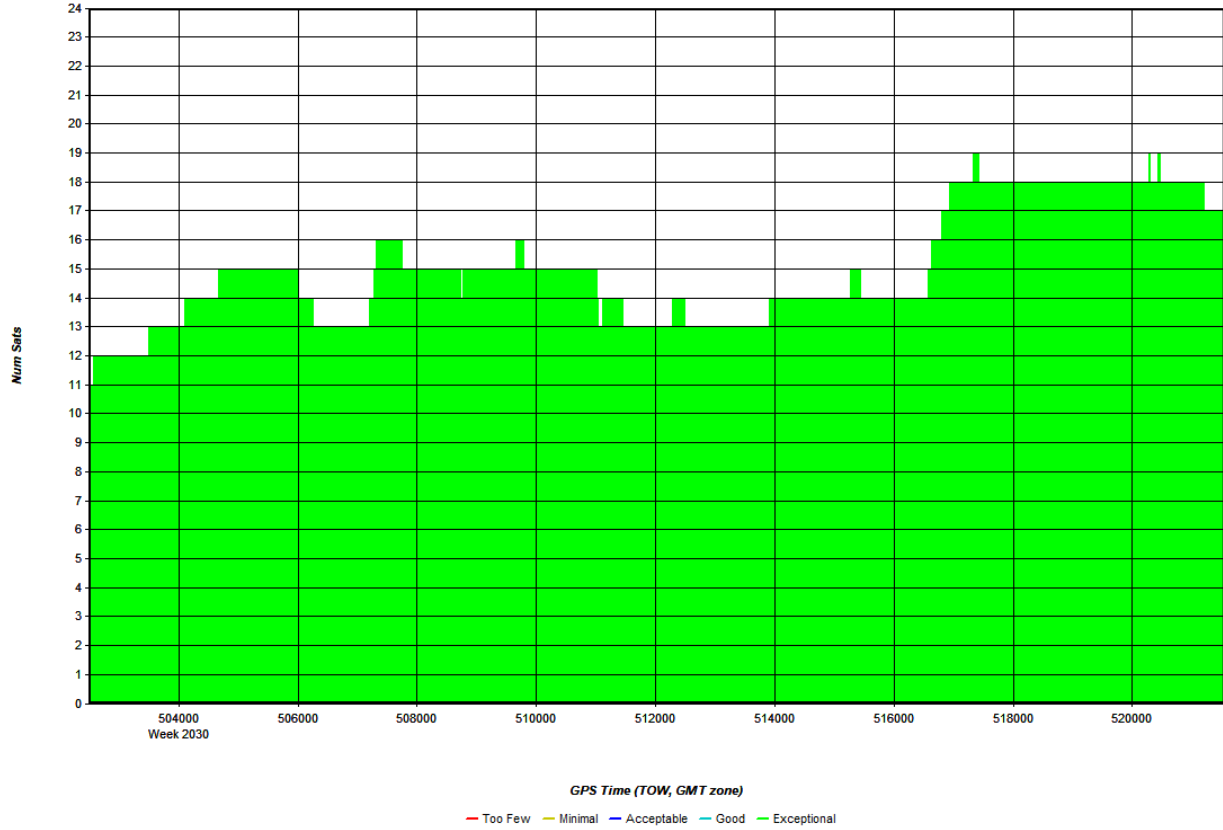


Figure 4: GW_QC_12-07-18B_8119 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: J:\33747_Florida_LiDAR\Don_Marsh_Recvd_12-12-18\8119_1_916WC\20181207_193247_M11\GW_QC_12-07-18B_8119.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 38147

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0179 (m)

C/A Code: 0.56 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.013 (m)

North: 0.011 (m)

Height: 0.041 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 54.924 (km)

Minimum: 0.002 (km)

Average: 27.658 (km)

First Epoch: 0.005 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_12-07-18B_8119 [Smoothed TC Combined] - Accelerometer Bias Plot

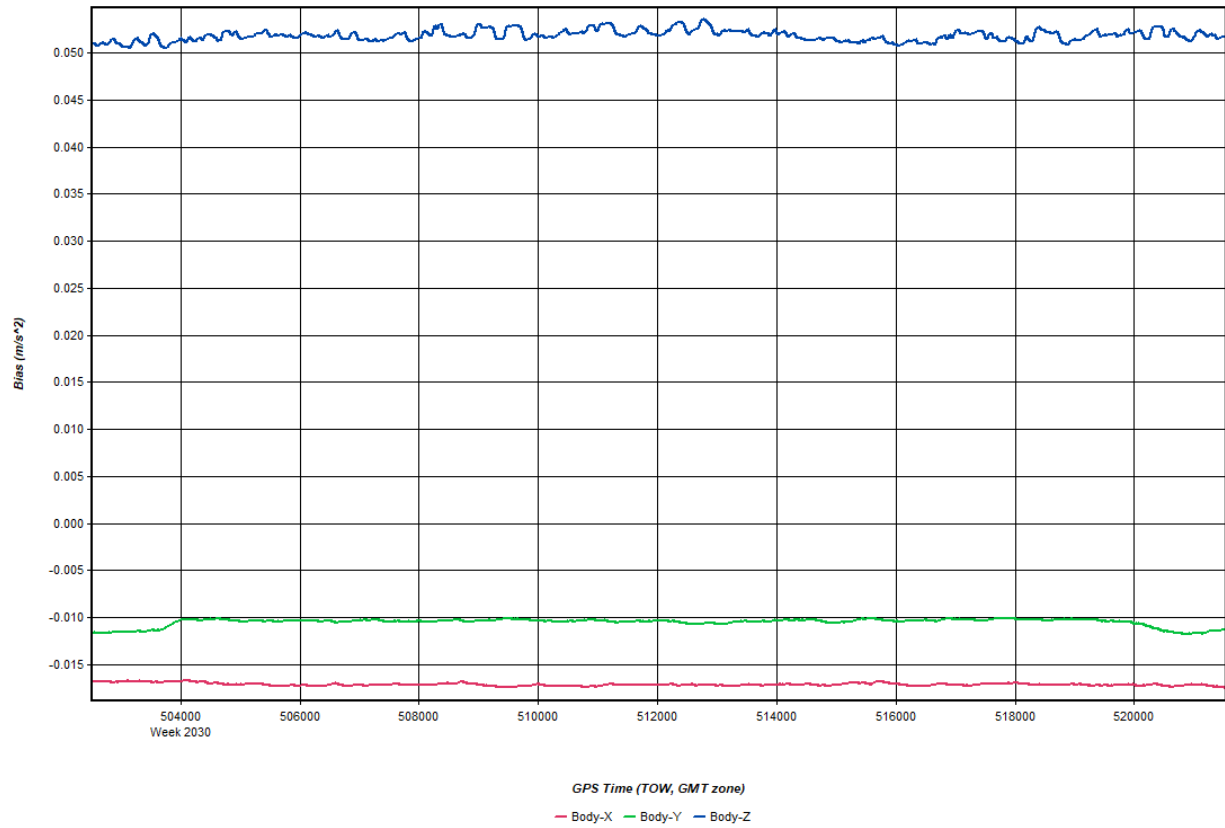
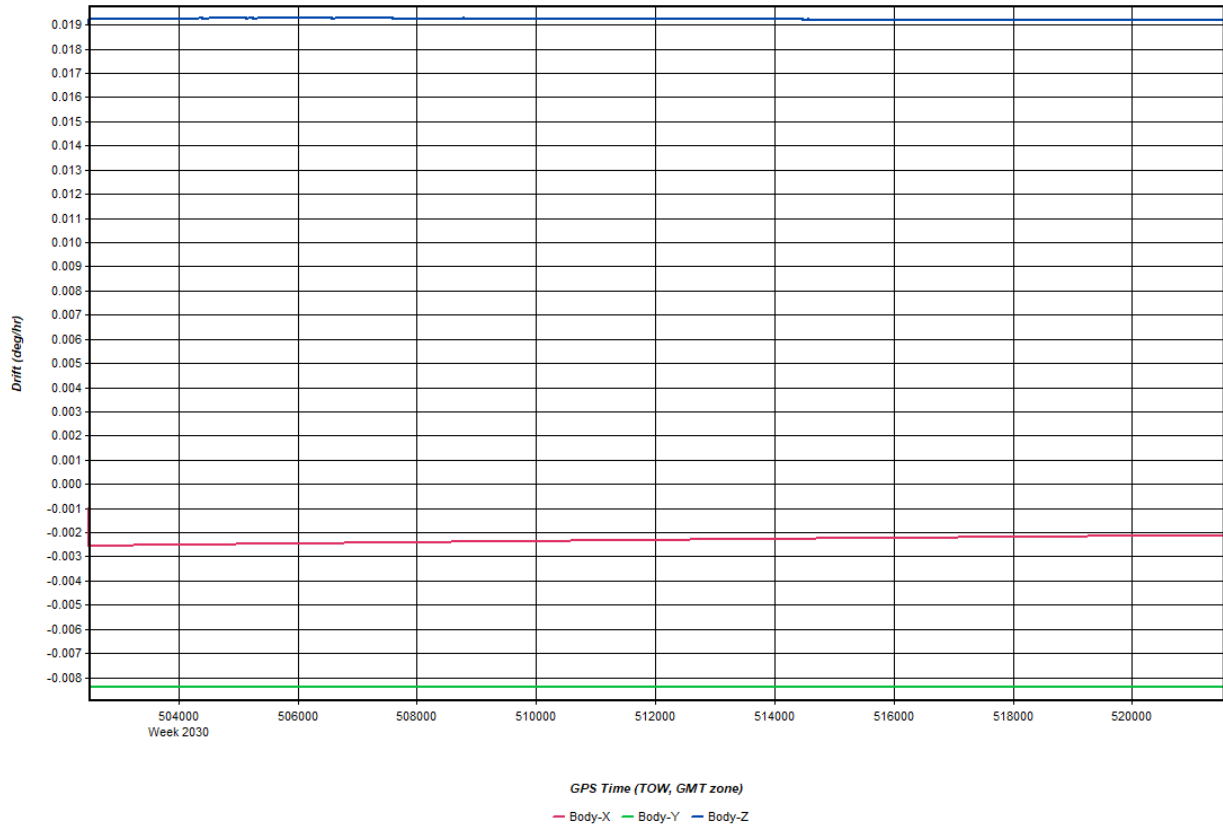


Figure 6: GW_QC_12-07-18B_8119 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_12-11-18A_8227

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

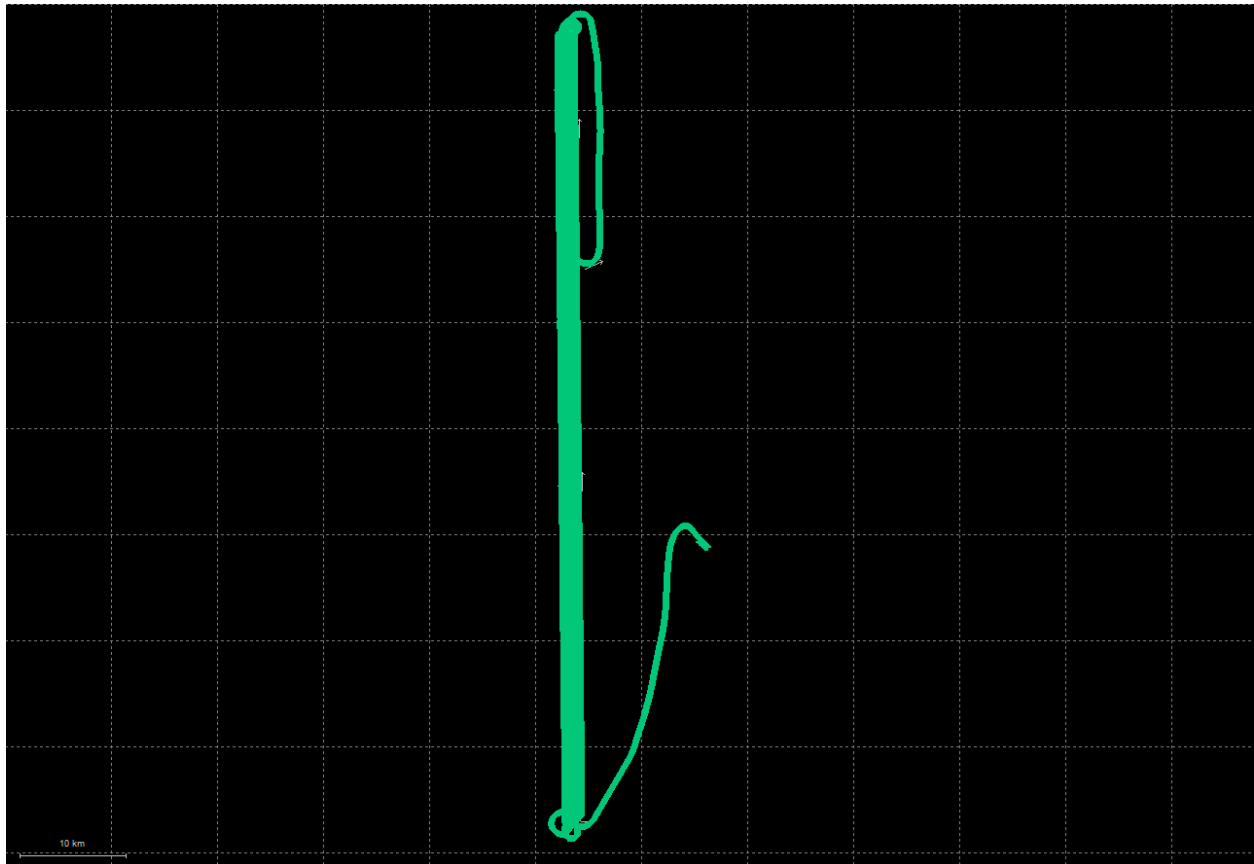


Figure 2: GW_QC_12-11-18A_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

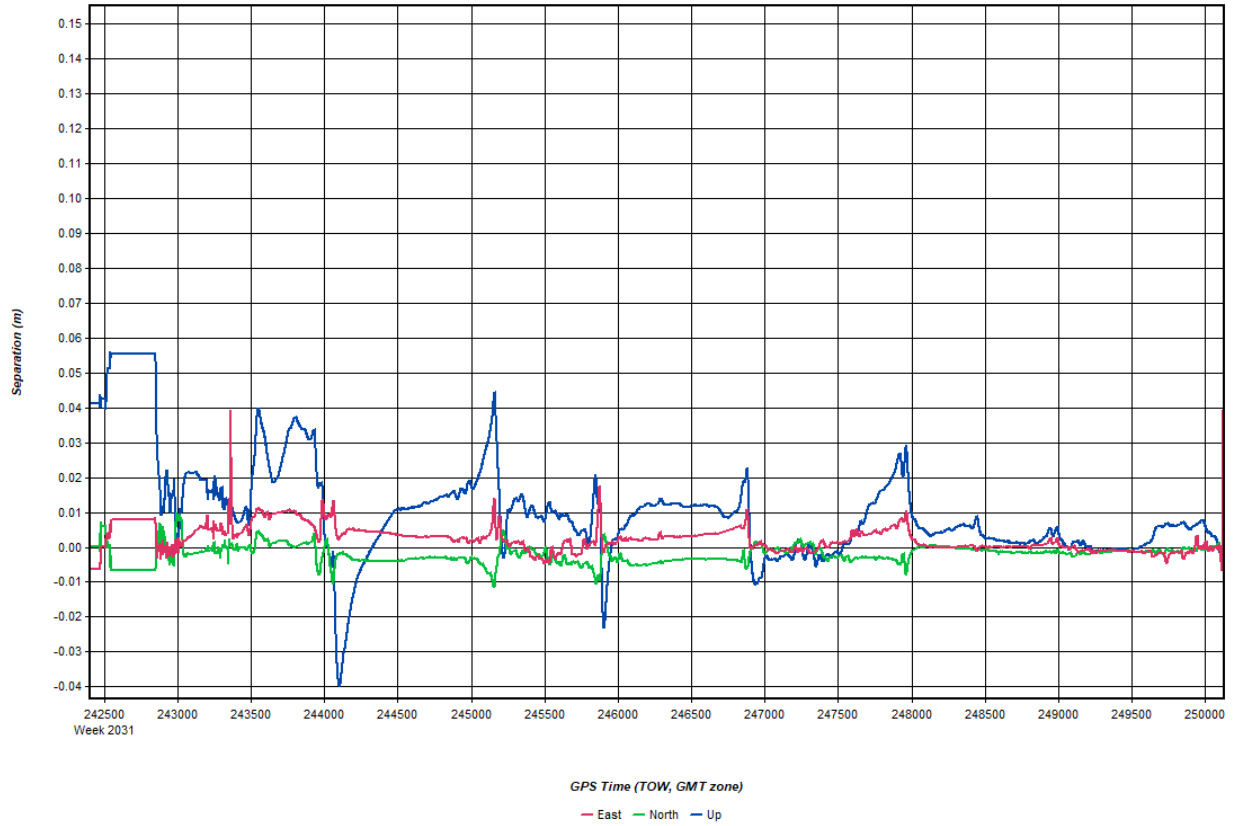


Figure 3: GW_QC_12-11-18A_8227 [Smoothed TC Combined] - PDOP Plot

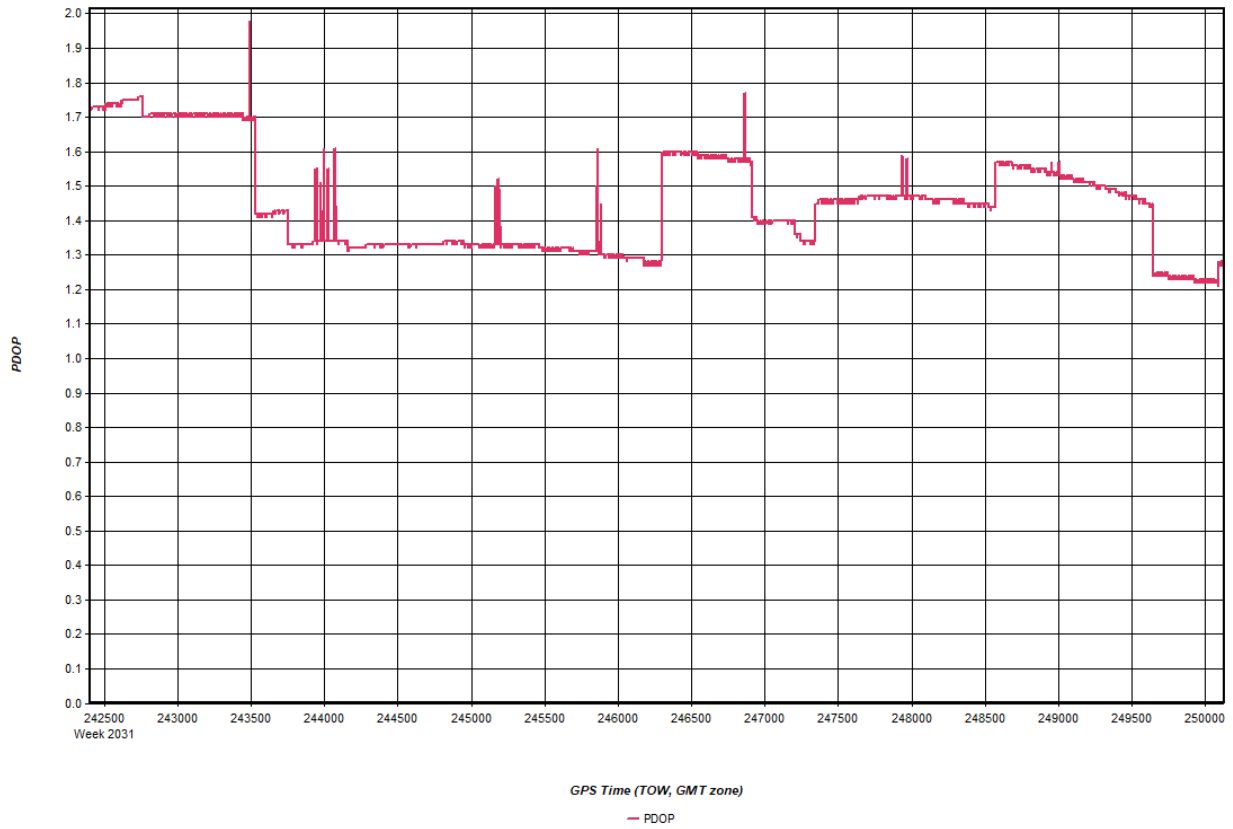
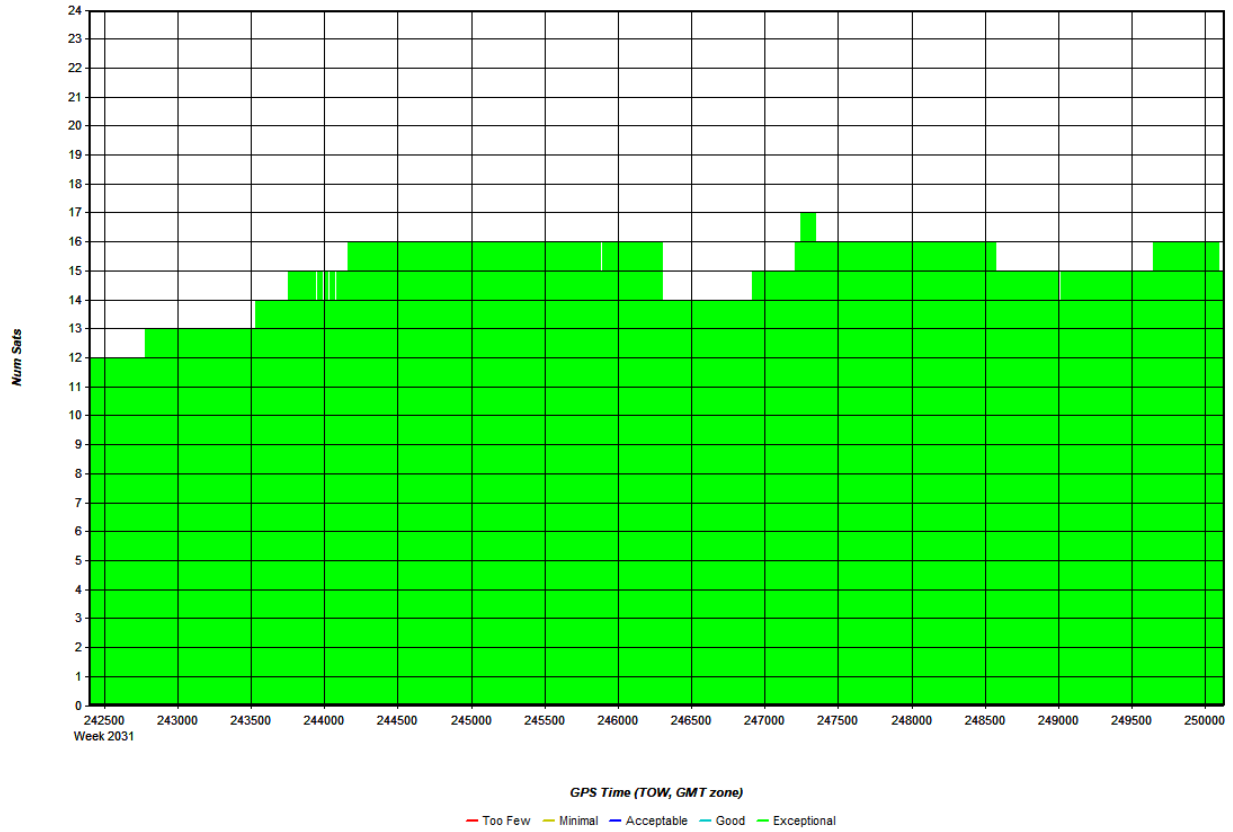


Figure 4: GW_QC_12-11-18A_8227 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: J:\Proc_\33747_FL_LiDAR\20181211_191216\GW_QC_12-11-18A_8227.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 15489

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0106 (m)

C/A Code: 0.61 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.005 (m)

North: 0.003 (m)

Height: 0.018 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 54.105 (km)

Minimum: 0.005 (km)

Average: 23.979 (km)

First Epoch: 0.005 (km)

Last Epoch: 0.087 (km)

Figure 5: GW_QC_12-11-18A_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

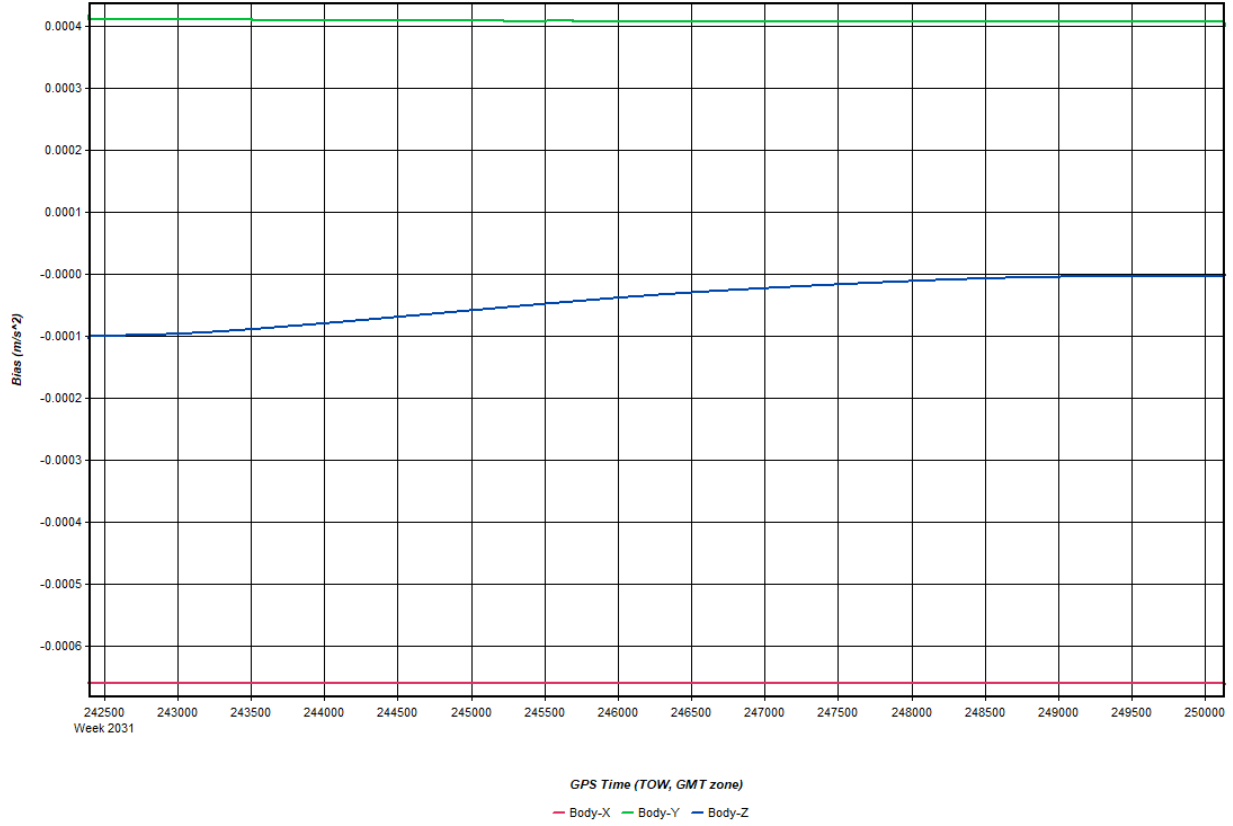
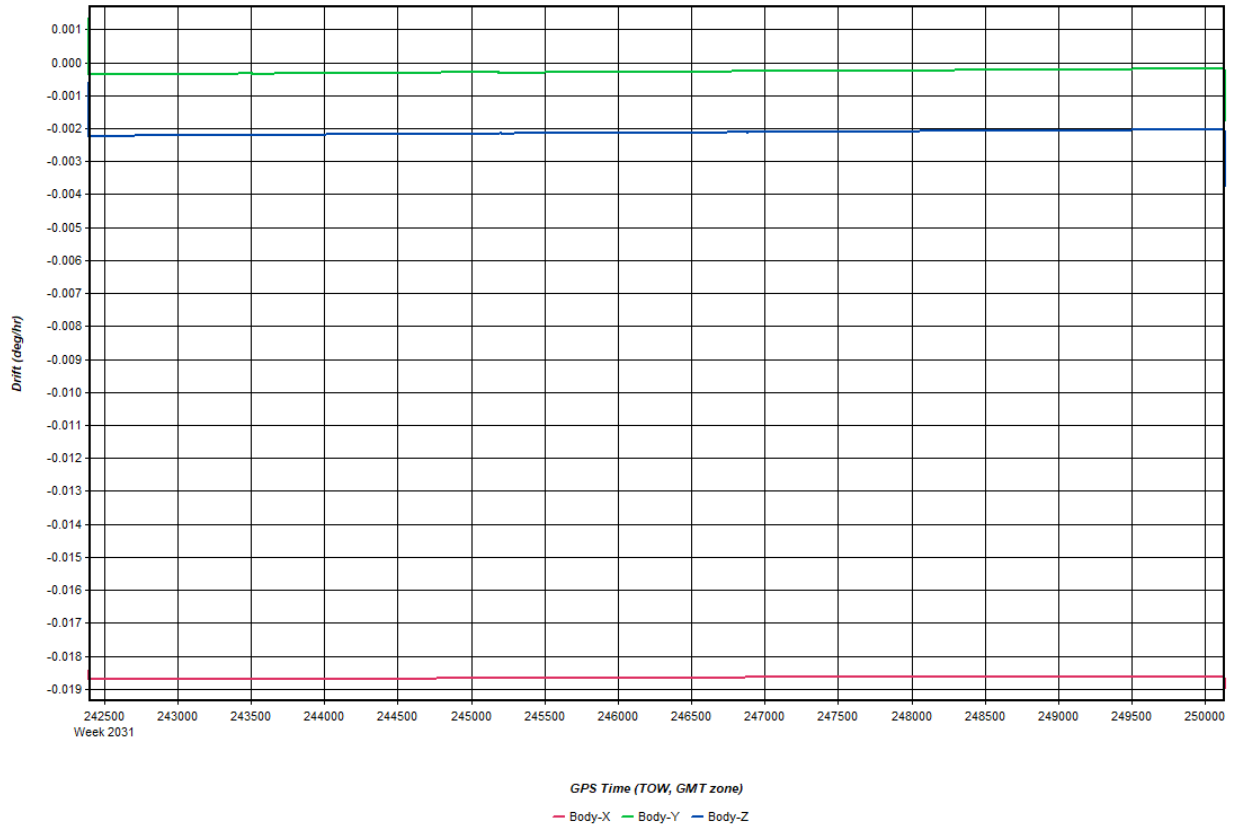


Figure 6: GW_QC_12-11-18A_8227 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_12-12-18A_8227

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map



Figure 2: GW_QC_12-12-18A_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Figure 3: GW_QC_12-12-18A_8227 [Smoothed TC Combined] - PDOP Plot

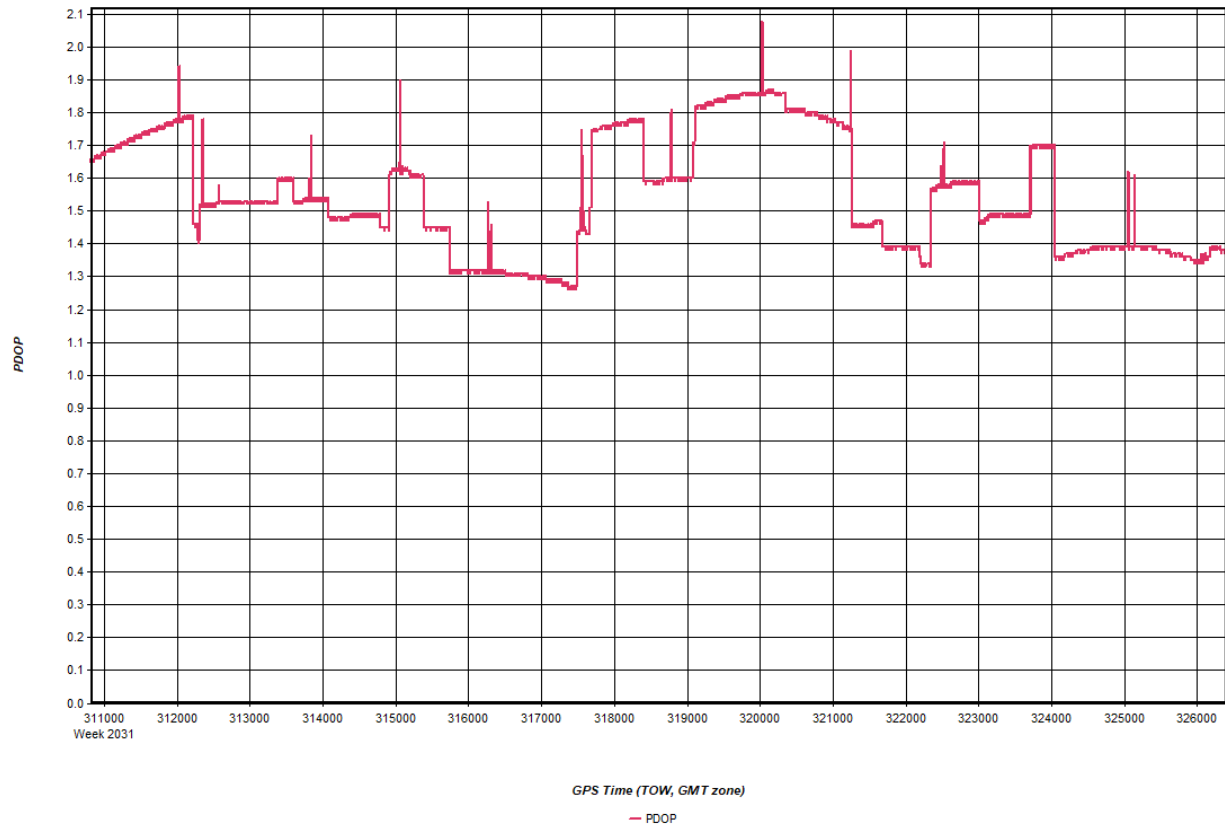
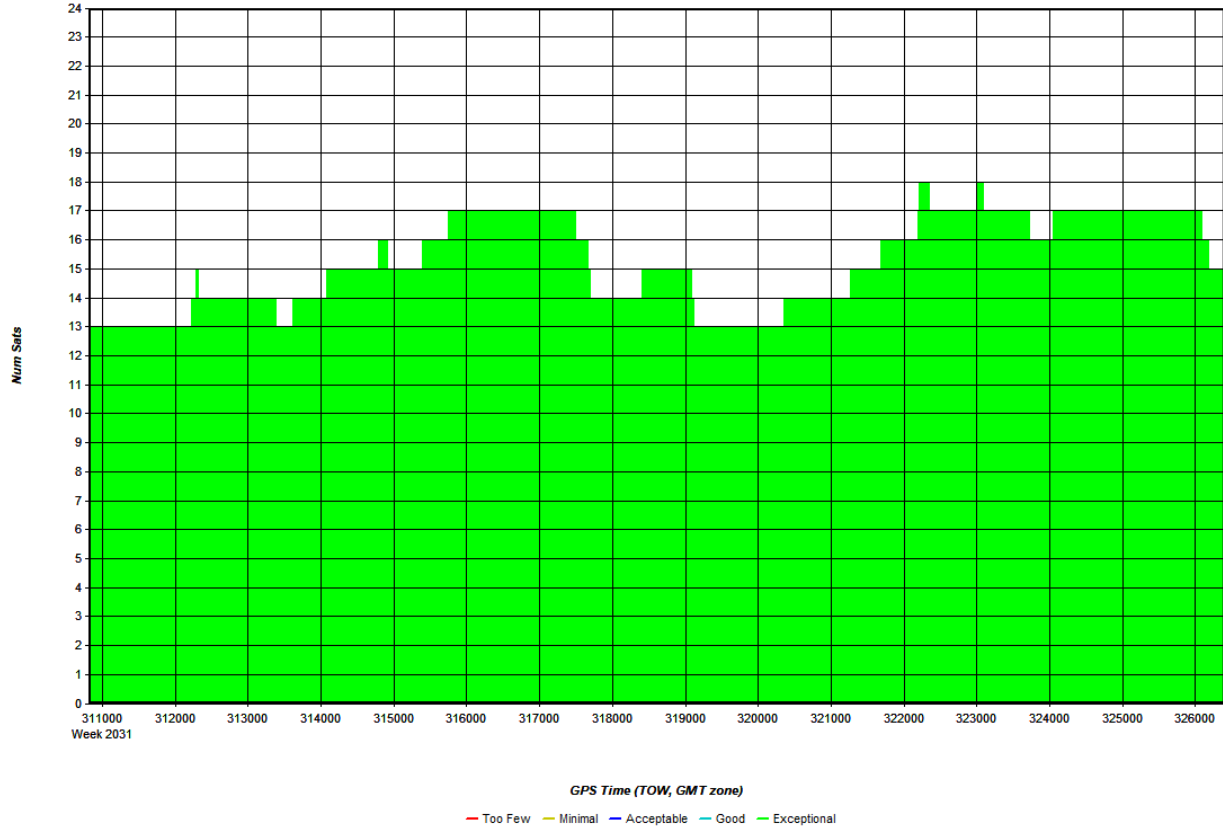


Figure 4: GW_QC_12-12-18A_8227 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: J:\Proc_\33747_FL_LiDAR\Dwight_Iverson_Recvd_12-14-18\20181212_M1_M2_FL_USGS_604MD\20181212_141831\GW_QC_12-12-18A_8227.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 31199

No processed position: 8

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0144 (m)

C/A Code: 0.69 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.005 (m)

North: 0.005 (m)

Height: 0.026 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 61.966 (km)

Minimum: 0.001 (km)

Average: 34.459 (km)

First Epoch: 0.001 (km)

Last Epoch: 0.002 (km)

Figure 5: GW_QC_12-12-18A_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

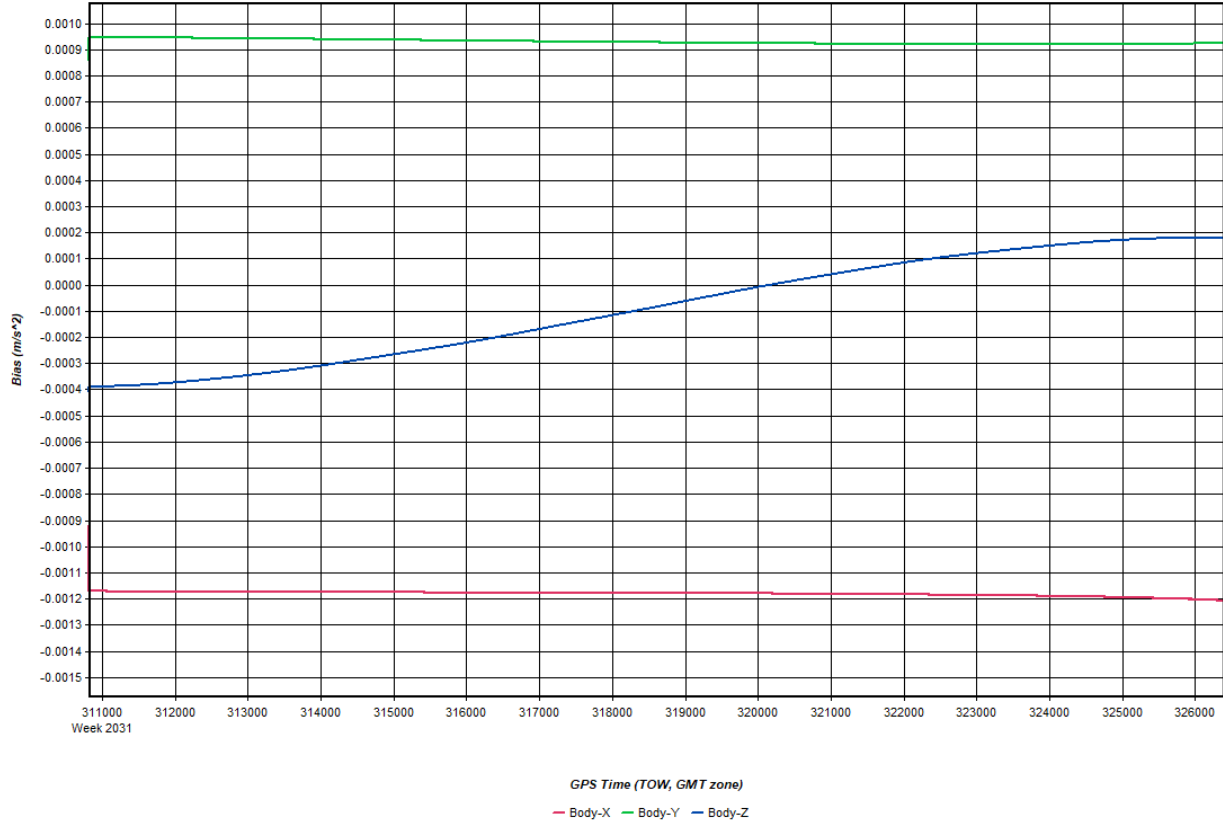
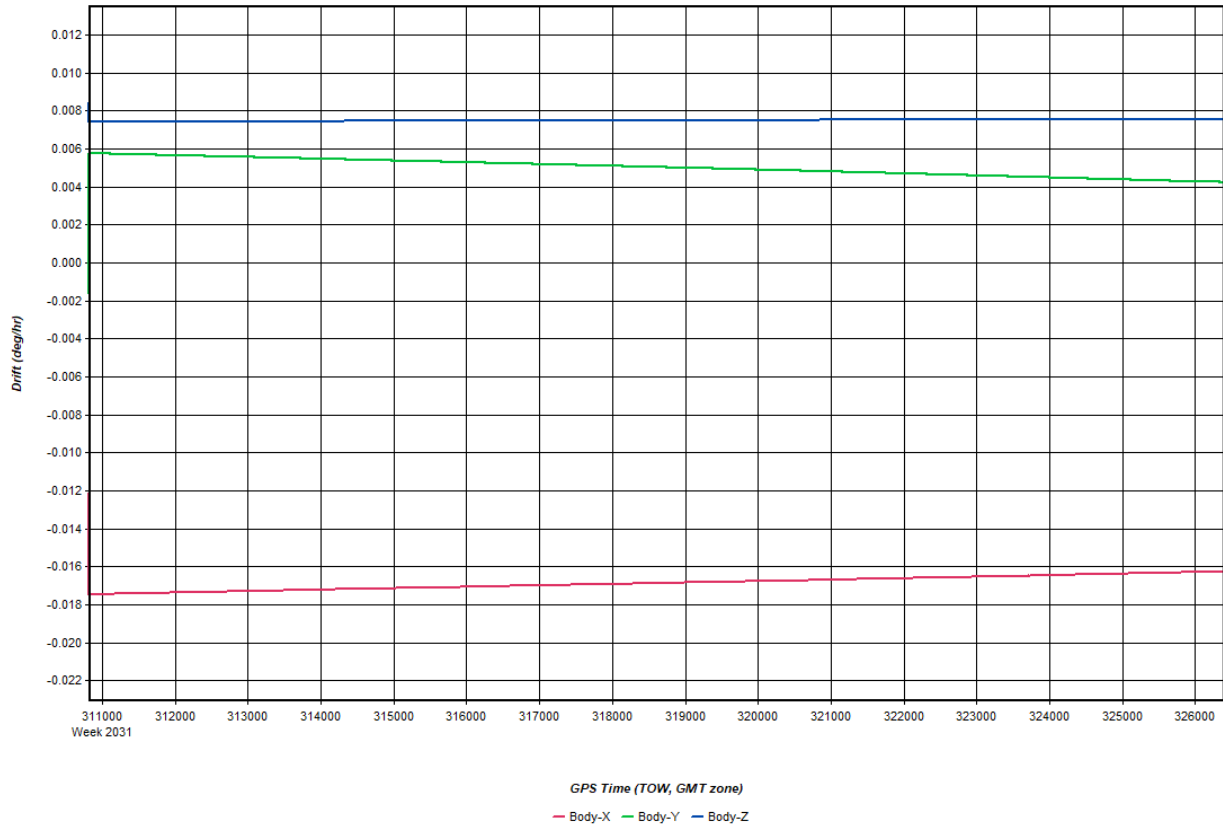


Figure 6: GW_QC_12-12-18A_8227 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for GW_QC_12-12-18B_8227

Inertial Explorer Version 8.80.2720

Figure 1: Smoothed TC Combined - Map

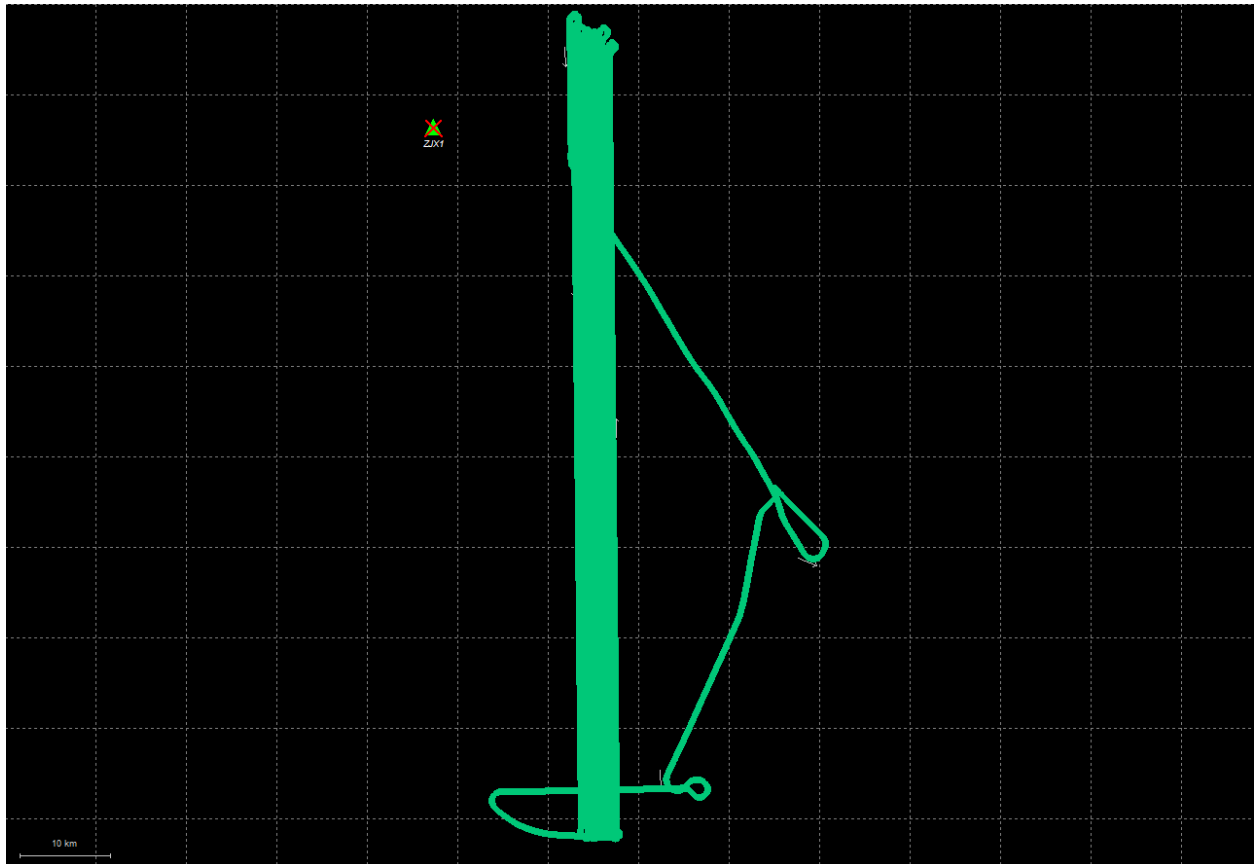


Figure 2: GW_QC_12-12-18B_8227 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot

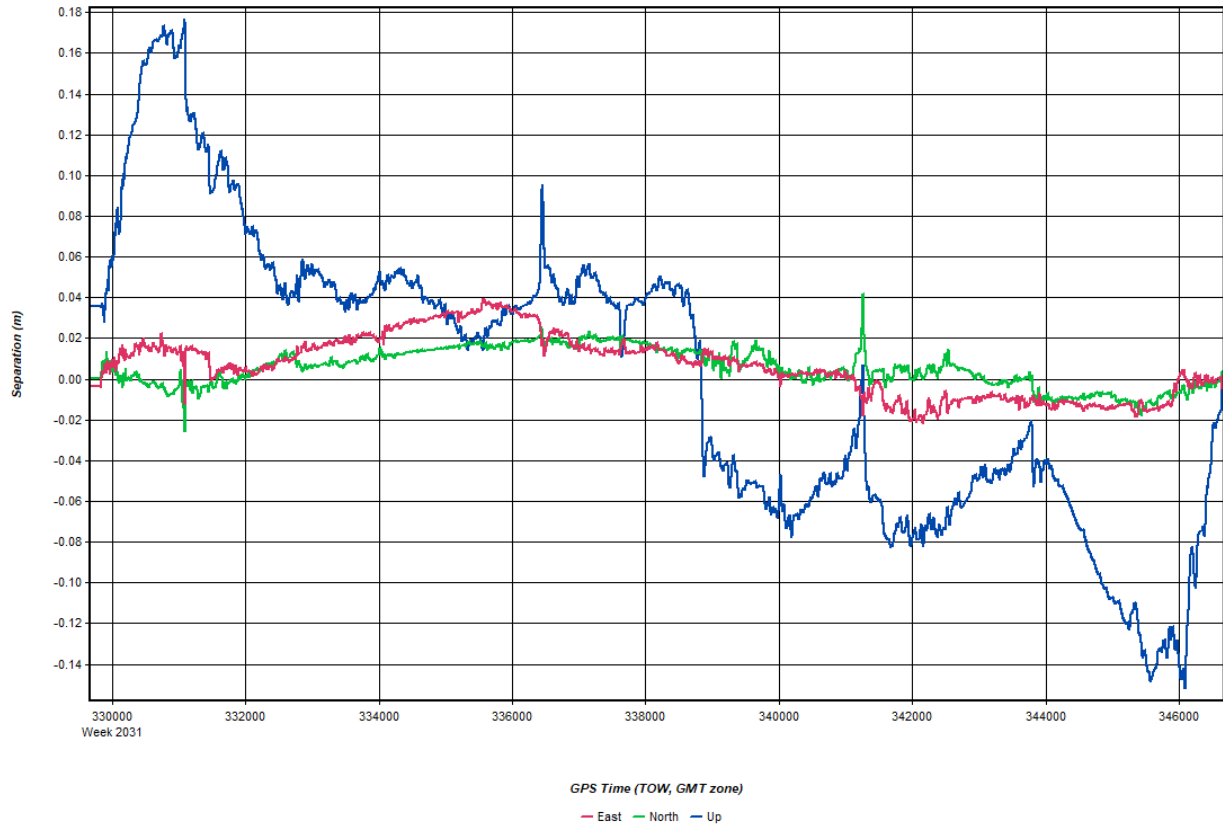


Figure 3: GW_QC_12-12-18B_8227 [Smoothed TC Combined] - PDOP Plot

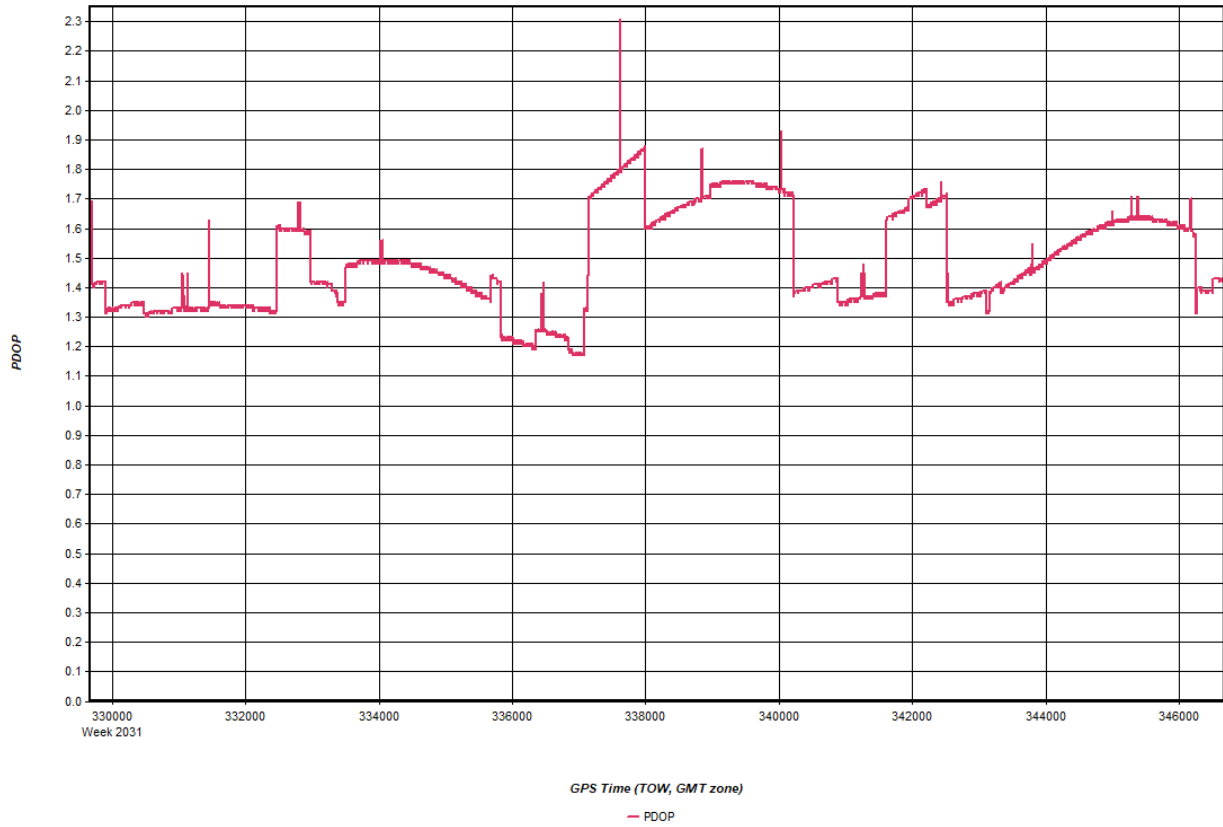
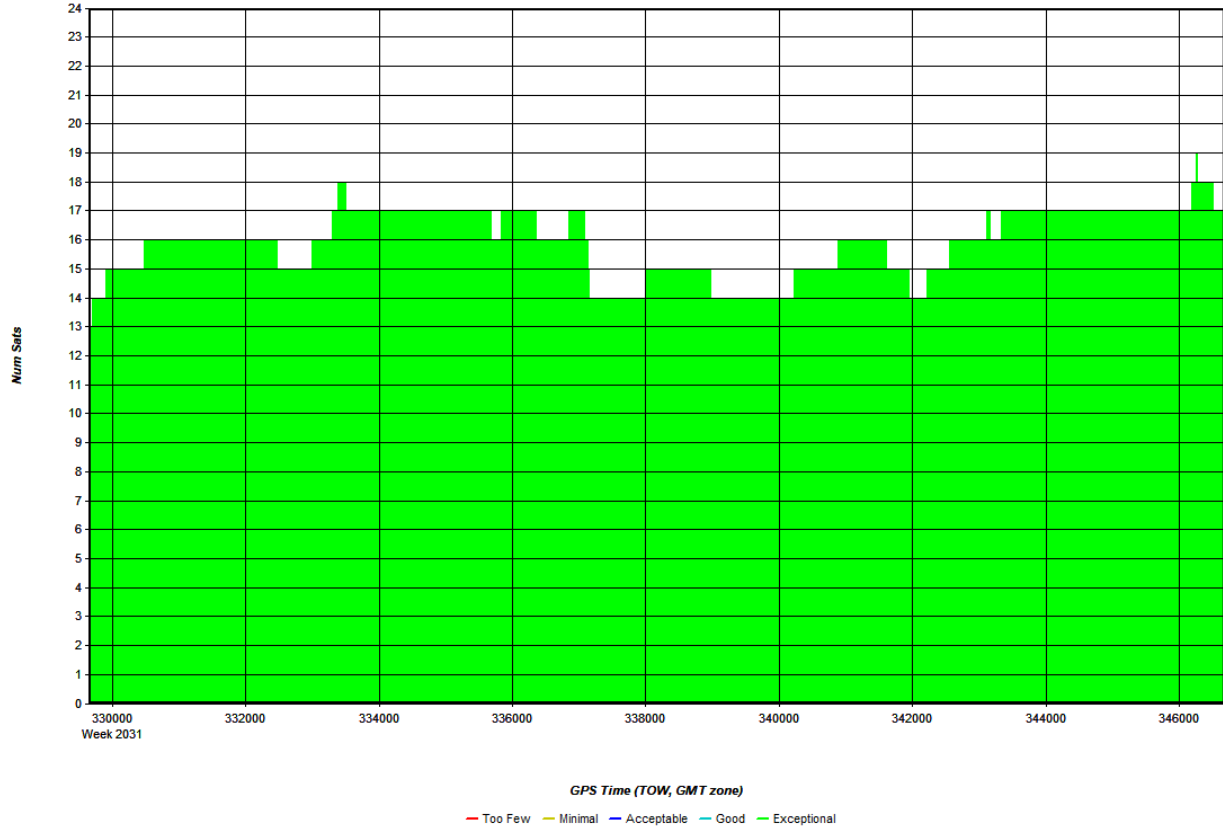


Figure 4: GW_QC_12-12-18B_8227 [Smoothed TC Combined] - Number of Satellites Bar Plot



Processing Summary Information

Program: Inertial Explorer

Version: 8.80.2720

Project: J:\Proc_\33747_FL_LiDAR\Dwight_Iverson_Recvd_12-14-18\20181212_M1_M2_FL_USGS_604MD\20181212_193138\GW_QC_12-12-18B_8227.cfg

Solution Type: Combined

Number of Epochs:

Total in GPB file: 34095

No processed position: 6

Missing Fwd or Rev: 2

Measurement RMS Values:

L1 Phase: 0.0202 (m)

C/A Code: 0.65 (m)

L1 Doppler: 0.000 (m/s)

Fwd/Rev Separation RMS Values:

East: 0.016 (m)

North: 0.011 (m)

Height: 0.073 (m)

Quality Number Percentages:

Q 1: 0.0 %

Q 2: 100.0 %

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: 56.617 (km)

Minimum: 0.003 (km)

Average: 29.075 (km)

First Epoch: 0.003 (km)

Last Epoch: 0.003 (km)

Figure 5: GW_QC_12-12-18B_8227 [Smoothed TC Combined] - Accelerometer Bias Plot

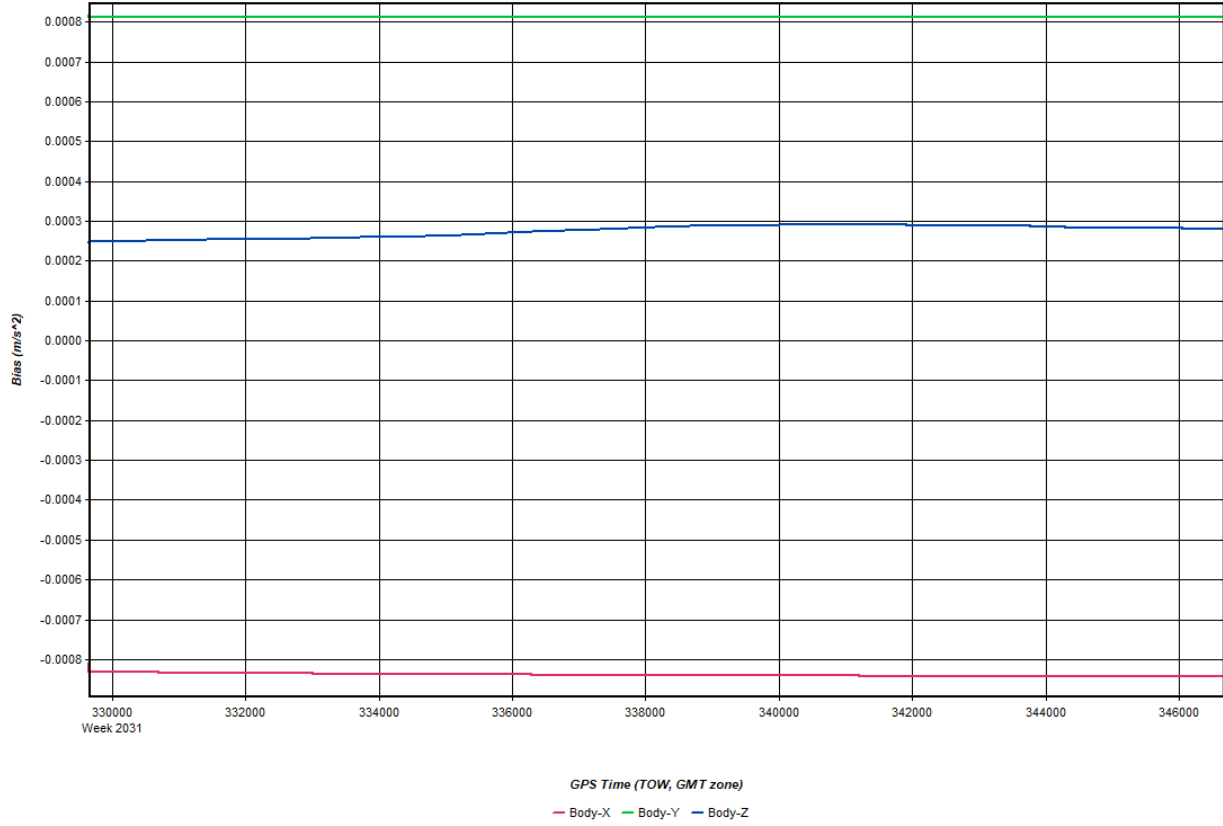


Figure 6: GW_QC_12-12-18B_8227 [Smoothed TC Combined] - Gyro Drift Plot

