



HAS - Performance

22 - 03 - 2023

teria

Mise en place

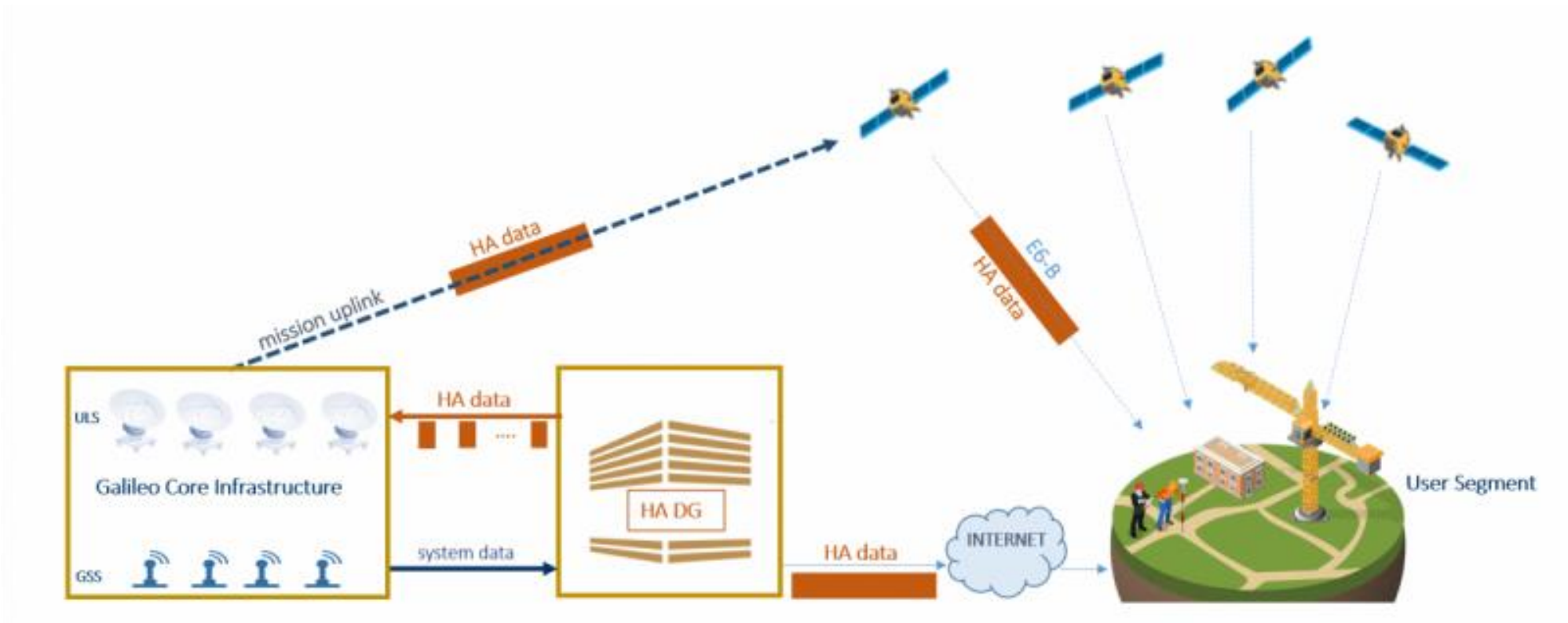
Récepteur Mobile GNSS :
PYX – Firmware compatible E6B



Un PC :
Windows - Logiciel de conversion de E6B vers RTCM - Logiciel BNC

Mise en place

HAS :



BNC

Logiciel du BKG

BKG Ntrip Client (BNC) Version 2.12.17

File Help

Network General RINEX Observations RINEX Ephemeris RINEX Editing & QC SP3 Comparison Broadcast Corrections Feed Engine Serial Output Outages Miscellaneous PPP (1) PPP (2) PPP (3) PPP (4) Combine Corrections Upload Corrections Upload Ephemeris

Precise Point Positioning - Input and Output.

Data source: Real-Time Streams RINEX Obs file

Corrections stream: SSRA00EUHD RINEX Nav file

Corrections file: ANTEX file: Inputigs14.atx

Coordinates file: InputVAPRIORI.CRD Version 3 filenames

Logfile directory: Output NMEA directory

SNX TRO directory: Output_Tropo_HAS SNX TRO interval: 1 hour SNX TRO sampling: 1 sec

SNX TRO AC

| Streams: | resource loader / mountpoint | decoder | lat | long | nmea | ntrip | bytes |
|----------|-------------------------------------|----------|-------|--------|------|-------|------------|
| 1 | 192.168.1.98:7002/VITY | RTCM3 | 48.8 | 2.2 | no | N | 117.58 kB |
| 2 | ntrip.gsc-europa.eu:443/SSRA00EUHD | RTCM_3.3 | 40.49 | 356.54 | no | 2s | 12.304 kB |
| 3 | products.igs-ip.net:2101/BCEP01BKG0 | RTCM_3 | 50.09 | 8.66 | no | 2 | 27.772 kB |
| 4 | products.igs-ip.net:2101/SSRA03IGS0 | RTCM_3.0 | 50.00 | 10.00 | no | 2 | 7.22 kB |
| 5 | www.igs-ip.net:2101/FFMJ00DEU0 | RTCM_3.1 | 50.09 | 8.66 | no | 2 | 181.539 kB |

| Log | Throughput | Latency | PPP Plot |
|-------------------|-------------------------|--|--|
| 23-03-21 13:31:04 | 2023-03-21 13:31:22.000 | VITY X = 4207853.2142 Y = 174564.7694 Z = 4774136.4001 NEU | -1.1636 +0.4520 -0.6755 TRP: +2.3571 -0.0539 |
| 23-03-21 13:31:05 | 2023-03-21 13:31:23.000 | VITY X = 4207853.2640 Y = 174564.7599 Z = 4774136.4954 NEU | -1.1379 +0.4805 -0.5713 TRP: +2.3571 -0.0541 |
| 23-03-21 13:31:06 | 2023-03-21 13:31:24.000 | VITY X = 4207853.3080 Y = 174564.7454 Z = 4774136.5779 NEU | -1.1162 +0.4651 -0.4807 TRP: +2.3570 -0.0540 |
| 23-03-21 13:31:07 | 2023-03-21 13:31:25.000 | VITY X = 4207853.3406 Y = 174564.7338 Z = 4774136.6504 NEU | -1.0925 +0.4522 -0.4050 TRP: +2.3570 -0.0543 |
| 23-03-21 13:31:08 | 2023-03-21 13:31:26.000 | VITY X = 4207853.3346 Y = 174564.7246 Z = 4774136.7020 NEU | -1.0530 +0.4432 -0.3704 TRP: +2.3570 -0.0545 |
| 23-03-21 13:31:09 | 2023-03-21 13:31:27.000 | VITY X = 4207853.3315 Y = 174564.7127 Z = 4774136.7406 NEU | -1.0256 +0.4315 -0.3437 TRP: +2.3570 -0.0542 |
| 23-03-21 13:31:10 | 2023-03-21 13:31:28.000 | VITY X = 4207853.3483 Y = 174564.7018 Z = 4774136.8037 NEU | -0.9963 +0.4199 -0.2855 TRP: +2.3570 -0.0535 |
| 23-03-21 13:31:11 | 2023-03-21 13:31:29.000 | VITY X = 4207853.3673 Y = 174564.6821 Z = 4774136.8665 NEU | -0.9686 +0.3994 -0.2262 TRP: +2.3569 -0.0537 |
| 23-03-21 13:31:12 | 2023-03-21 13:31:30.000 | VITY X = 4207853.3757 Y = 174564.6777 Z = 4774136.9176 NEU | -0.9411 +0.3947 -0.1825 TRP: +2.3569 -0.0541 |
| 23-03-21 13:31:13 | 2023-03-21 13:31:31.000 | VITY X = 4207853.4174 Y = 174564.6915 Z = 4774137.0396 NEU | -0.8924 +0.4067 -0.0629 TRP: +2.3569 -0.0530 |
| 23-03-21 13:31:14 | 2023-03-21 13:31:32.000 | VITY X = 4207853.4412 Y = 174564.6848 Z = 4774137.1283 NEU | -0.8517 +0.3991 +0.0194 TRP: +2.3568 -0.0510 |
| 23-03-21 13:31:15 | 2023-03-21 13:31:33.000 | VITY X = 4207853.4541 Y = 174564.6854 Z = 4774137.1893 NEU | -0.8218 +0.3991 +0.0730 TRP: +2.3568 -0.0500 |
| 23-03-21 13:31:16 | 2023-03-21 13:31:34.000 | VITY X = 4207853.4654 Y = 174564.6705 Z = 4774137.2548 NEU | -0.7860 +0.3838 +0.1300 TRP: +2.3568 -0.0481 |
| 23-03-21 13:31:17 | 2023-03-21 13:31:35.000 | VITY X = 4207853.4479 Y = 174564.6420 Z = 4774137.2976 NEU | -0.7438 +0.3560 +0.1500 TRP: +2.3568 -0.0459 |
| 23-03-21 13:31:18 | 2023-03-21 13:31:36.000 | VITY X = 4207853.4556 Y = 174564.6394 Z = 4774137.3661 NEU | -0.7044 +0.3531 +0.2064 TRP: +2.3568 -0.0444 |
| 23-03-21 13:31:19 | 2023-03-21 13:31:37.000 | VITY X = 4207853.4672 Y = 174564.6360 Z = 4774137.4279 NEU | -0.6723 +0.3493 +0.2605 TRP: +2.3568 -0.0430 |
| 23-03-21 13:31:20 | 2023-03-21 13:31:38.000 | VITY X = 4207853.4745 Y = 174564.6266 Z = 4774137.4898 NEU | -0.6366 +0.3396 +0.3116 TRP: +2.3567 -0.0412 |
| 23-03-21 13:31:21 | 2023-03-21 13:31:39.000 | VITY X = 4207853.4876 Y = 174564.6289 Z = 4774137.5432 NEU | -0.6113 +0.3413 +0.3604 TRP: +2.3567 -0.0395 |
| 23-03-21 13:31:22 | 2023-03-21 13:31:40.000 | VITY X = 4207853.4646 Y = 174564.6205 Z = 4774137.5494 NEU | -0.5897 +0.3338 +0.3497 TRP: +2.3567 -0.0397 |
| 23-03-21 13:31:23 | 2023-03-21 13:31:41.000 | VITY X = 4207853.4832 Y = 174564.6318 Z = 4774137.6142 NEU | -0.5614 +0.3443 +0.4110 TRP: +2.3567 -0.0377 |

Add Stream Delete Stream Map Start Stop

Help?=Shift+F1

BNC

Configuration du traitement

BKG Ntrip Client (BNC) Version 2.12.17

File Help

Network General RINEX Observations RINEX Ephemeris RINEX Editing & QC SP3 Comparison Broadcast Corrections Feed Engine Serial Output Outages Miscellaneous PPP (1) PPP (2) PPP (3) PPP (4) Combine Corrections Upload Corrections Upload Ephemeris

Precise Point Positioning - Options.

| | | | | | |
|----------------------|-------|---------------|-------------------------------------|---------------|--------------------------|
| GPS LCs | P3&L3 | Sigma C1 | 2.0 | Sigma L1 | 0.01 |
| GLONASS LCs | no | Max Res C1 | 4.0 | Max Res L1 | 0.03 |
| Galileo LCs | P3&L3 | Ele Wgt Code | <input checked="" type="checkbox"/> | Ele Wgt Phase | <input type="checkbox"/> |
| BDS LCs | no | Min # of Obs | 4 | Min Elevation | 10 deg |
| Wait for clock corr. | 0 sec | Seeding (sec) | 0 | | |

| Streams: | resource loader / mountpoint | decoder | lat | long | nmea | ntrip | bytes |
|----------|-------------------------------------|----------|-------|--------|------|-------|------------|
| 1 | 192.168.1.98:7002/VITY | RTCM3 | 48.8 | 2.2 | no | N | 224.93 kB |
| 2 | ntrip.gsc-europa.eu:443/SSRA00EUH0 | RTCM_3,3 | 40.49 | 356.54 | no | 2s | 22.936 kB |
| 3 | products.igs-ip.net:2101/BCEP01BKG0 | RTCM_3 | 50.09 | 8.66 | no | 2 | 55.644 kB |
| 4 | products.igs-ip.net:2101/SSRA03IGS0 | RTCM_3,0 | 50.00 | 10.00 | no | 2 | 13.811 kB |
| 5 | www.igs-ip.net:2101/FFMJ00DEU0 | RTCM_3,1 | 50.09 | 8.66 | no | 2 | 353.025 kB |

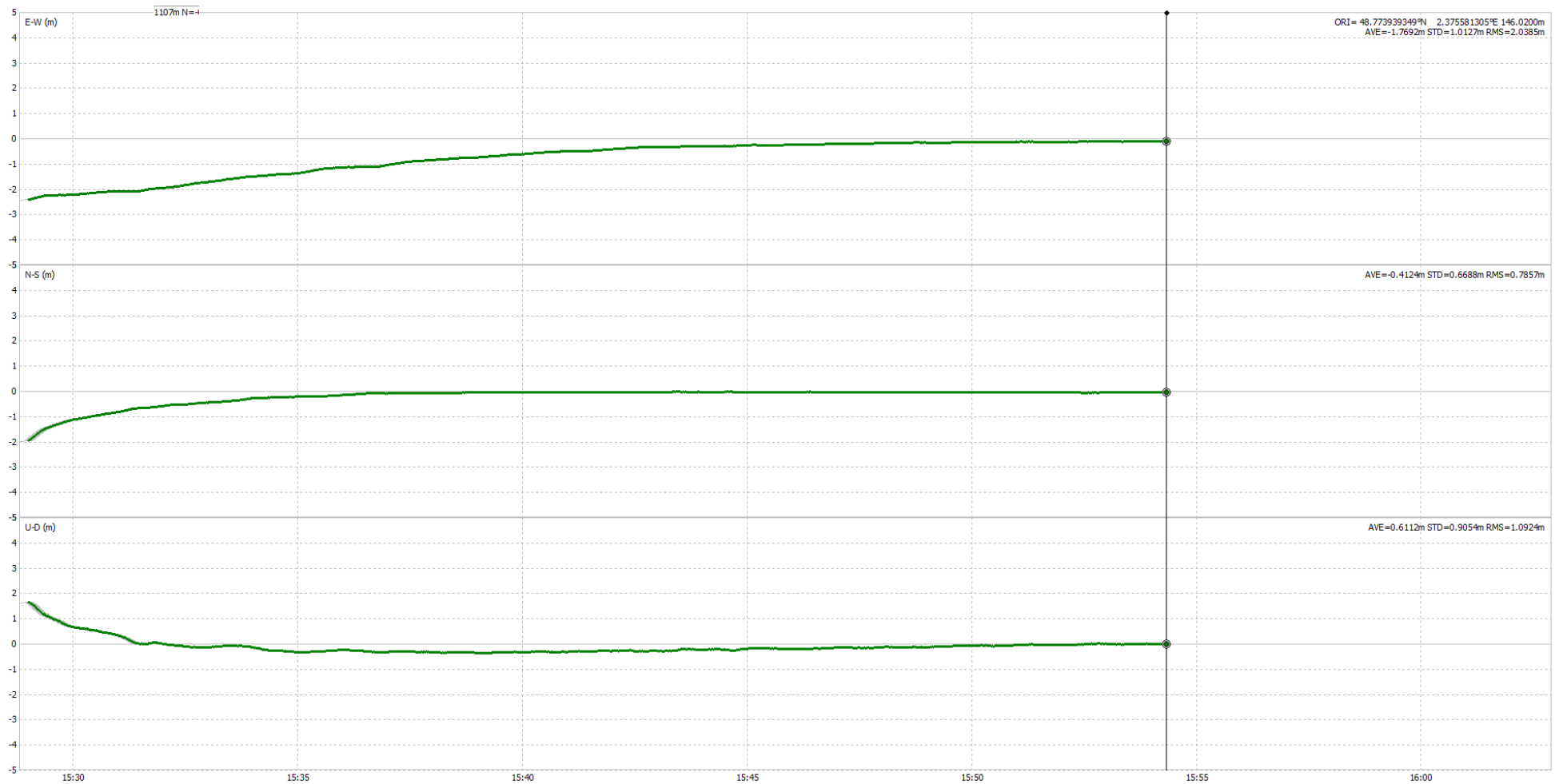
| Log | Throughput | Latency | PPP Plot |
|-------------------|-------------------------|--|----------|
| 23-03-21 13:32:08 | 2023-03-21_13:32:26.000 | VITY X = 4207853.5885 Y = 174564.7746 Z = 4774138.1785 NEU: -0.2728 +0.4827 +0.5090 TRP: +2.3565 +0.0261 | |
| 23-03-21 13:32:09 | 2023-03-21_13:32:27.000 | VITY X = 4207853.5794 Y = 174564.7705 Z = 4774138.1536 NEU: -0.2825 +0.4789 +0.8839 TRP: +2.3565 +0.0226 | |
| 23-03-21 13:32:10 | 2023-03-21_13:32:28.000 | VITY X = 4207853.5659 Y = 174564.7697 Z = 4774138.1164 NEU: -0.2968 +0.4787 +0.8469 TRP: +2.3565 +0.0201 | |
| 23-03-21 13:32:11 | 2023-03-21_13:32:29.000 | VITY X = 4207853.5476 Y = 174564.7696 Z = 4774138.0869 NEU: -0.3024 +0.4794 +0.8127 TRP: +2.3566 +0.0166 | |
| 23-03-21 13:32:12 | 2023-03-21_13:32:30.000 | VITY X = 4207853.5475 Y = 174564.7708 Z = 4774138.0734 NEU: -0.3114 +0.4806 +0.8025 TRP: +2.3566 +0.0123 | |
| 23-03-21 13:32:13 | 2023-03-21_13:32:31.000 | VITY X = 4207853.5406 Y = 174564.7670 Z = 4774138.0666 NEU: -0.3166 +0.4767 +0.7980 TRP: +2.3566 +0.0102 | |
| 23-03-21 13:32:14 | 2023-03-21_13:32:32.000 | VITY X = 4207853.5442 Y = 174564.7615 Z = 4774138.0552 NEU: -0.3206 +0.4714 +0.7865 TRP: +2.3566 +0.0074 | |
| 23-03-21 13:32:15 | 2023-03-21_13:32:33.000 | VITY X = 4207853.5465 Y = 174564.7580 Z = 4774138.0511 NEU: -0.3249 +0.4678 +0.7848 TRP: +2.3566 +0.0042 | |
| 23-03-21 13:32:16 | 2023-03-21_13:32:34.000 | VITY X = 4207853.5404 Y = 174564.7532 Z = 4774138.0377 NEU: -0.3350 +0.4630 +0.7757 TRP: +2.3566 +0.0009 | |
| 23-03-21 13:32:17 | 2023-03-21_13:32:35.000 | VITY X = 4207853.5563 Y = 174564.7428 Z = 4774138.0464 NEU: -0.3349 +0.4623 +0.7872 TRP: +2.3566 -0.0037 | |
| 23-03-21 13:32:18 | 2023-03-21_13:32:36.000 | VITY X = 4207853.5740 Y = 174564.7376 Z = 4774138.0547 NEU: -0.3425 +0.4463 +0.8050 TRP: +2.3566 -0.0064 | |
| 23-03-21 13:32:19 | 2023-03-21_13:32:37.000 | VITY X = 4207853.5727 Y = 174564.7337 Z = 4774138.0524 NEU: -0.3430 +0.4425 +0.8023 TRP: +2.3566 -0.0103 | |
| 23-03-21 13:32:20 | 2023-03-21_13:32:38.000 | VITY X = 4207853.5928 Y = 174564.7317 Z = 4774138.0610 NEU: -0.3518 +0.4396 +0.8225 TRP: +2.3566 -0.0141 | |
| 23-03-21 13:32:21 | 2023-03-21_13:32:39.000 | VITY X = 4207853.6087 Y = 174564.7228 Z = 4774138.0641 NEU: -0.3620 +0.4301 +0.8345 TRP: +2.3565 -0.0190 | |
| 23-03-21 13:32:22 | 2023-03-21_13:32:40.000 | VITY X = 4207853.6204 Y = 174564.7222 Z = 4774138.0732 NEU: -0.3648 +0.4290 +0.8490 TRP: +2.3565 -0.0227 | |
| 23-03-21 13:32:23 | 2023-03-21_13:32:41.000 | VITY X = 4207853.6120 Y = 174564.7060 Z = 4774138.0730 NEU: -0.3581 +0.4131 +0.8429 TRP: +2.3565 -0.0241 | |
| 23-03-21 13:32:24 | 2023-03-21_13:32:42.000 | VITY X = 4207853.6225 Y = 174564.6954 Z = 4774138.0814 NEU: -0.3601 +0.4021 +0.8558 TRP: +2.3565 -0.0277 | |
| 23-03-21 13:32:25 | 2023-03-21_13:32:43.000 | VITY X = 4207853.6310 Y = 174564.6851 Z = 4774138.1026 NEU: -0.3522 +0.3915 +0.8772 TRP: +2.3565 -0.0302 | |
| 23-03-21 13:32:26 | 2023-03-21_13:32:44.000 | VITY X = 4207853.6517 Y = 174564.6784 Z = 4774138.1232 NEU: -0.3539 +0.3840 +0.9061 TRP: +2.3565 -0.0318 | |
| 23-03-21 13:32:27 | 2023-03-21_13:32:45.000 | VITY X = 4207853.6649 Y = 174564.6690 Z = 4774138.1376 NEU: -0.3541 +0.3740 +0.9254 TRP: +2.3565 -0.0350 | |

Add Stream Delete Stream Map Start Stop

Help?=Shift+F1

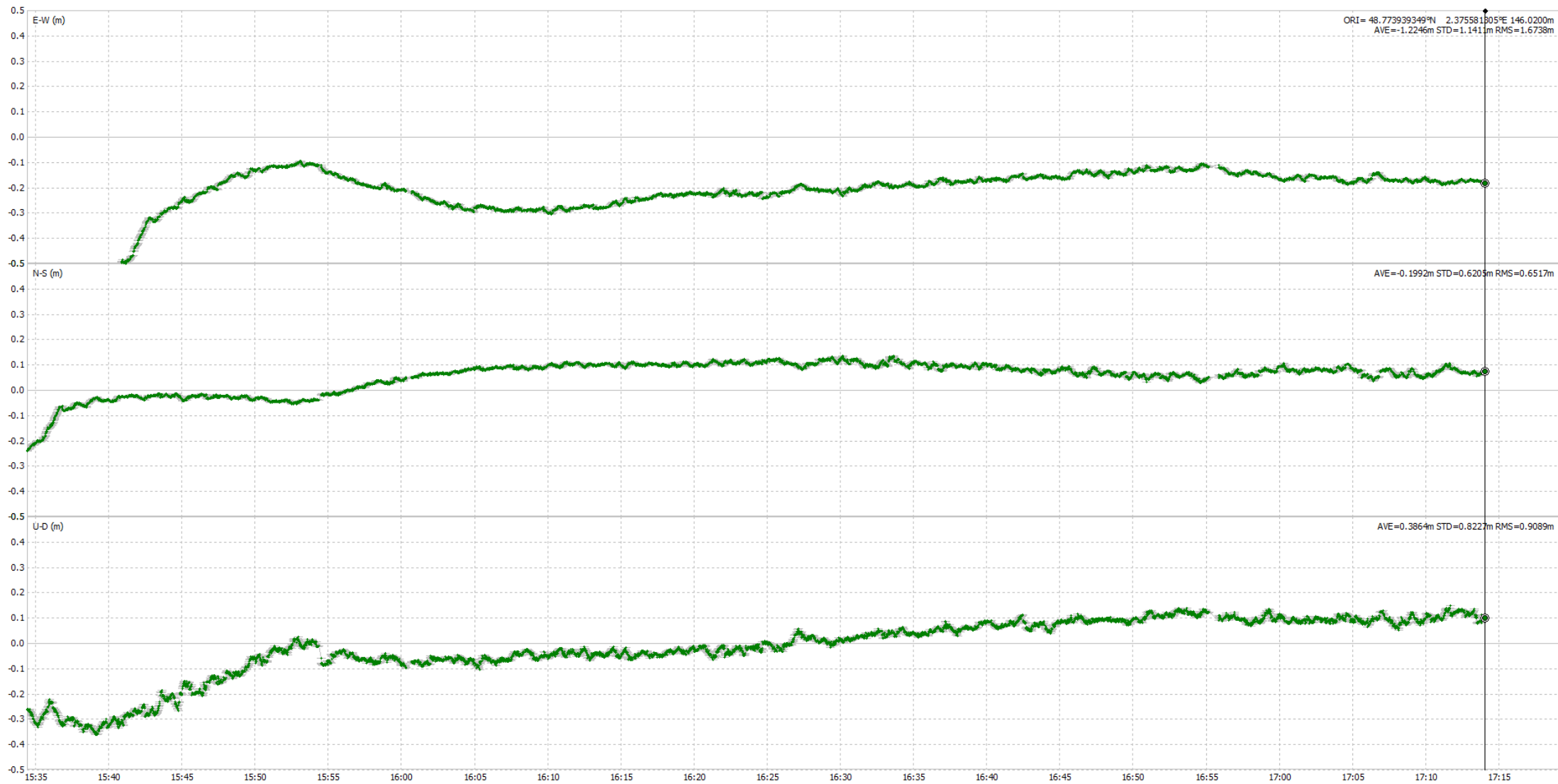
RTK Lib

Positions dans le temps



RTK Lib

Positions dans le temps



RTK Lib

Positions dans le temps

