

## summary for network NT14

timeperiod chosen: from 2024-07-01-00:00:00 until 2024-07-01-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.4 seconds

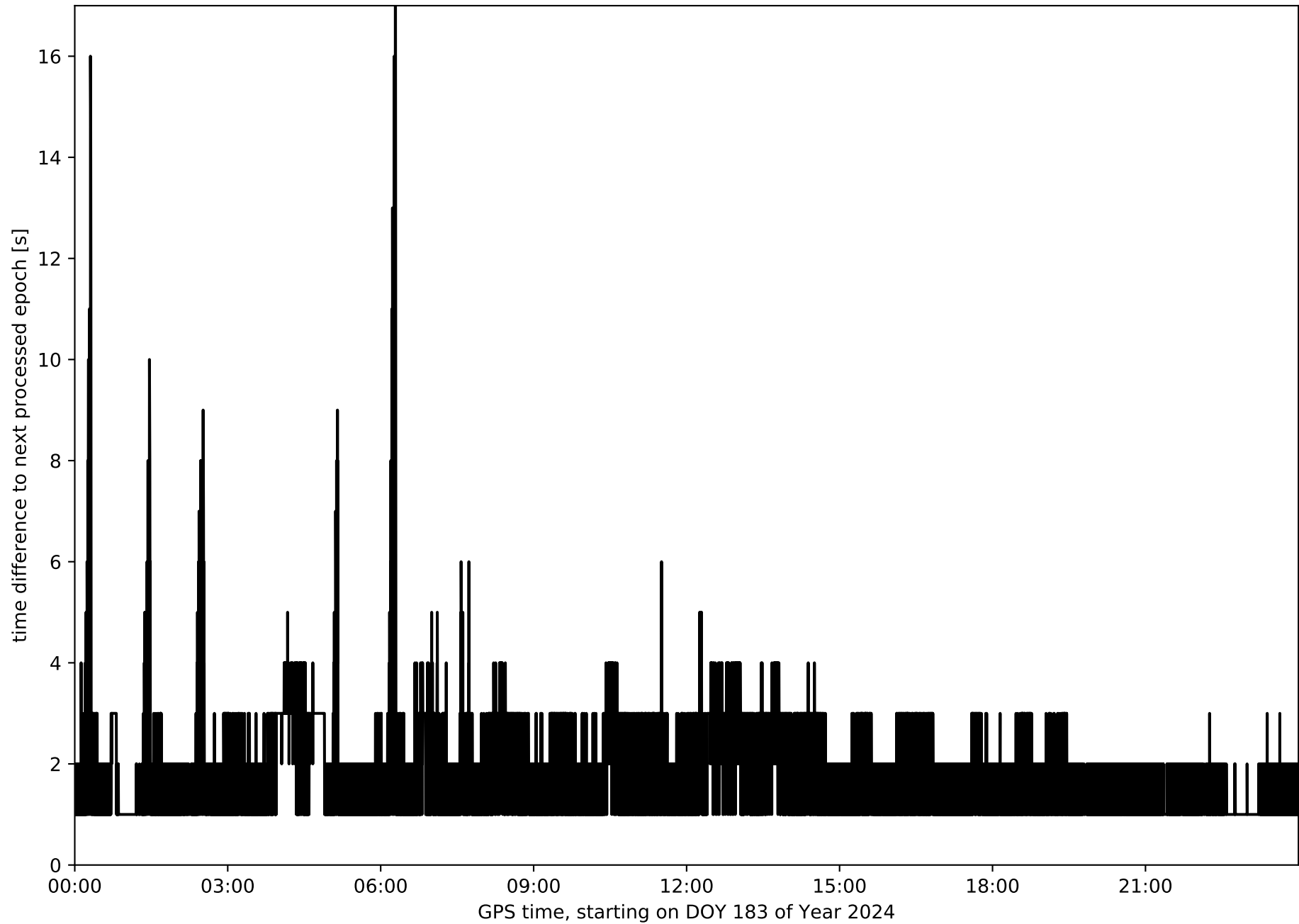
average fixing percentage with threshold set to 0.3: 90.6 percent

stations available: 15 of 15

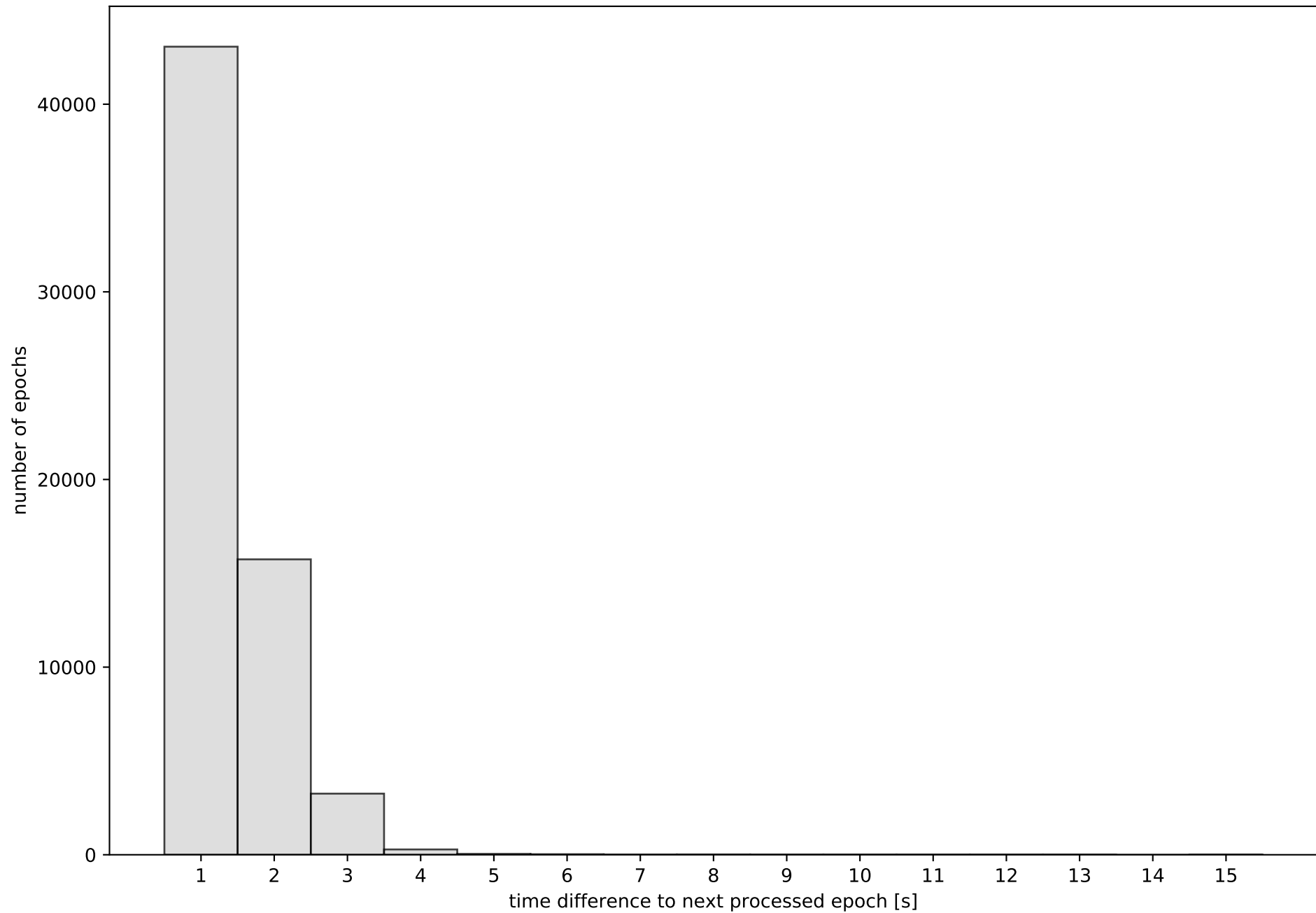
station information:

|               |                              |                              |                  |
|---------------|------------------------------|------------------------------|------------------|
| station AIO2: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 662.859  |
| station ALAC: | antenna: LEIAR25.R3 LEIT     | receiver: LEICA GR50         | height: 63.367   |
| station ALCO: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR30         | height: 640.121  |
| station ARAS: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 1325.848 |
| station BORR: | antenna: GPPNULLANTENNA NONE | receiver: TRIMBLE NETR9      | height: 73.019   |
| station DENI: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR10         | height: 69.735   |
| station IEJA: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 1358.249 |
| station JUMA: | antenna: LEIAR20 LEIM        | receiver: LEICA GR30         | height: 610.246  |
| station PENI: | antenna: LEIAR25.R4 LEIT     | receiver: LEICA GR25         | height: 108.648  |
| station SARR: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 1041.644 |
| station TOR0: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR30         | height: 64.679   |
| station UTIE: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GRX1200GGPRO | height: 799.741  |
| station VALE: | antenna: LEIAR25.R3 LEIT     | receiver: LEICA GR10         | height: 80.598   |
| station VCIA: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR30         | height: 63.008   |
| station VJOI: | antenna: GPPNULLANTENNA NONE | receiver: TRIMBLE NETR9      | height: 117.157  |

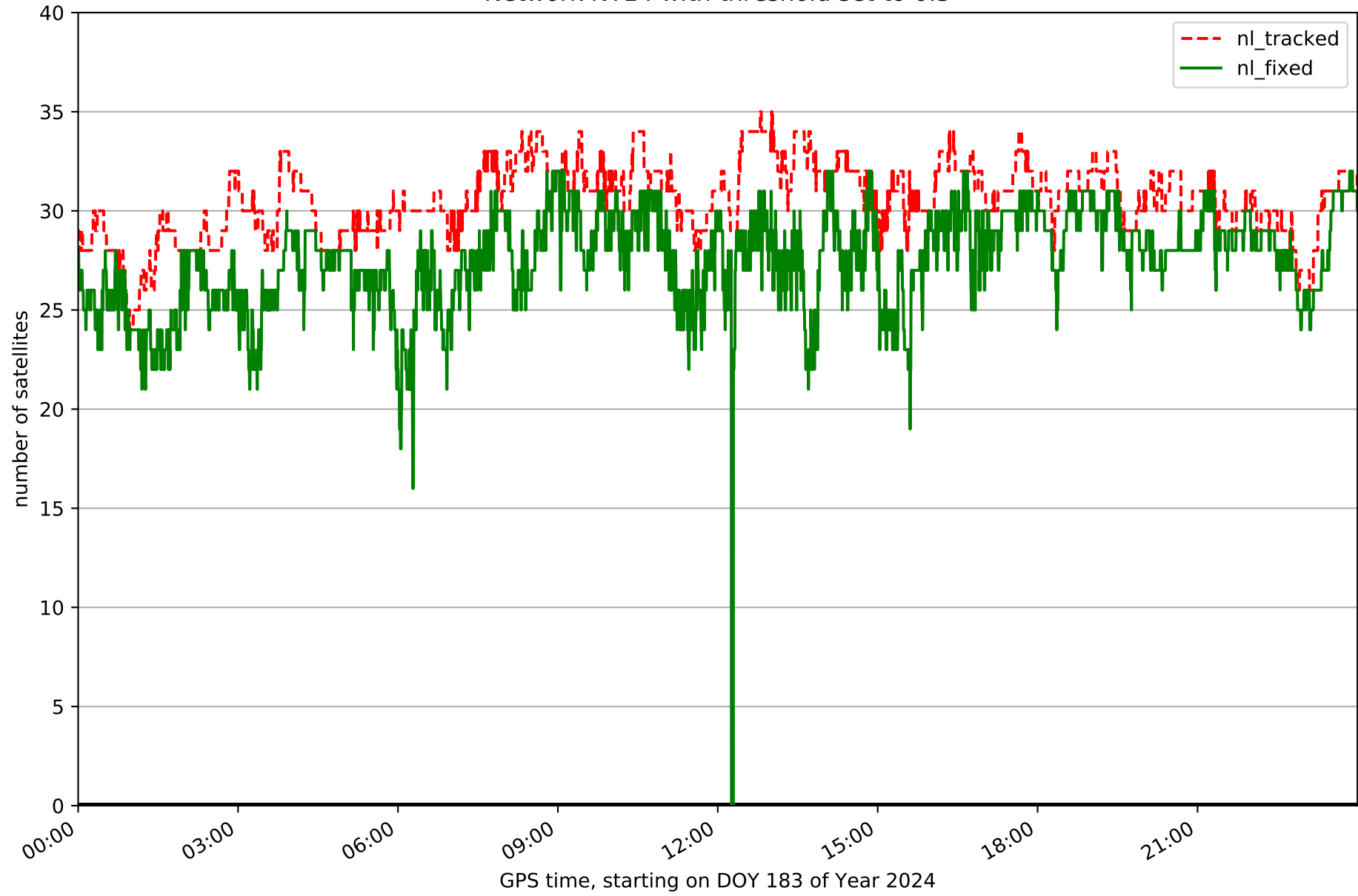
Processing rate in network NT14



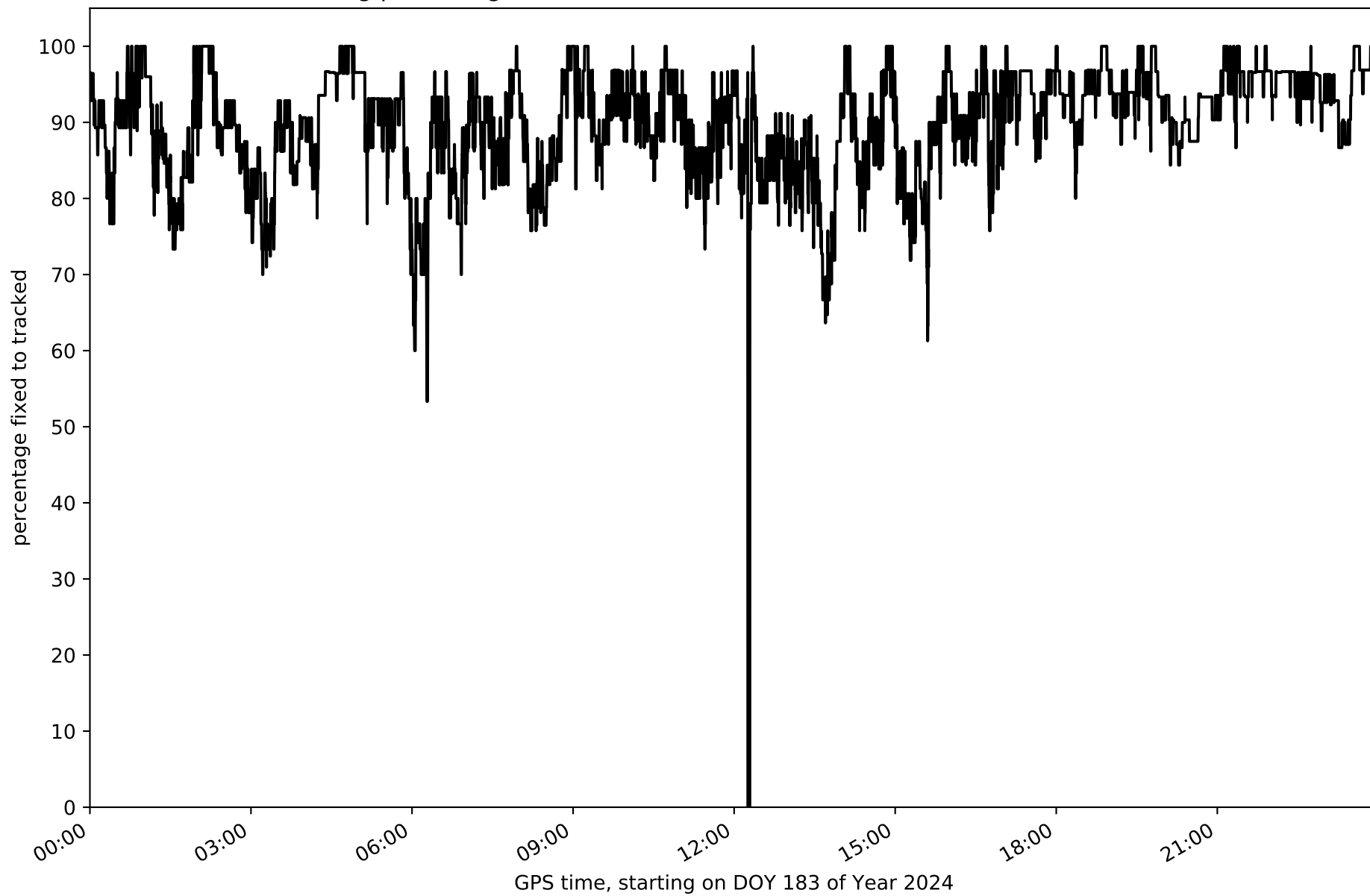
Histogram of the processing rate in network NT14 (durations larger 15 seconds neglected)



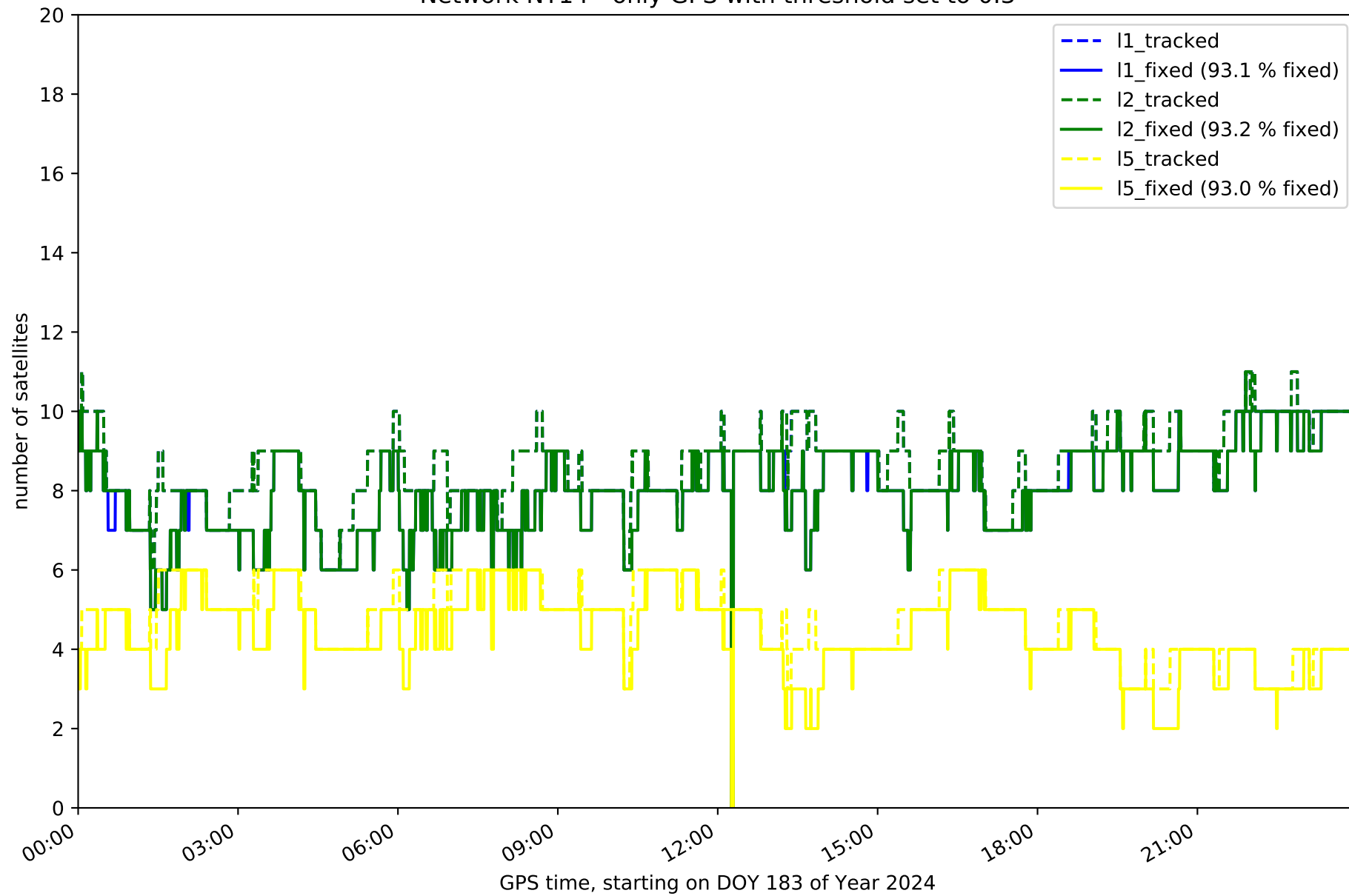
Network NT14 with threshold set to 0.3



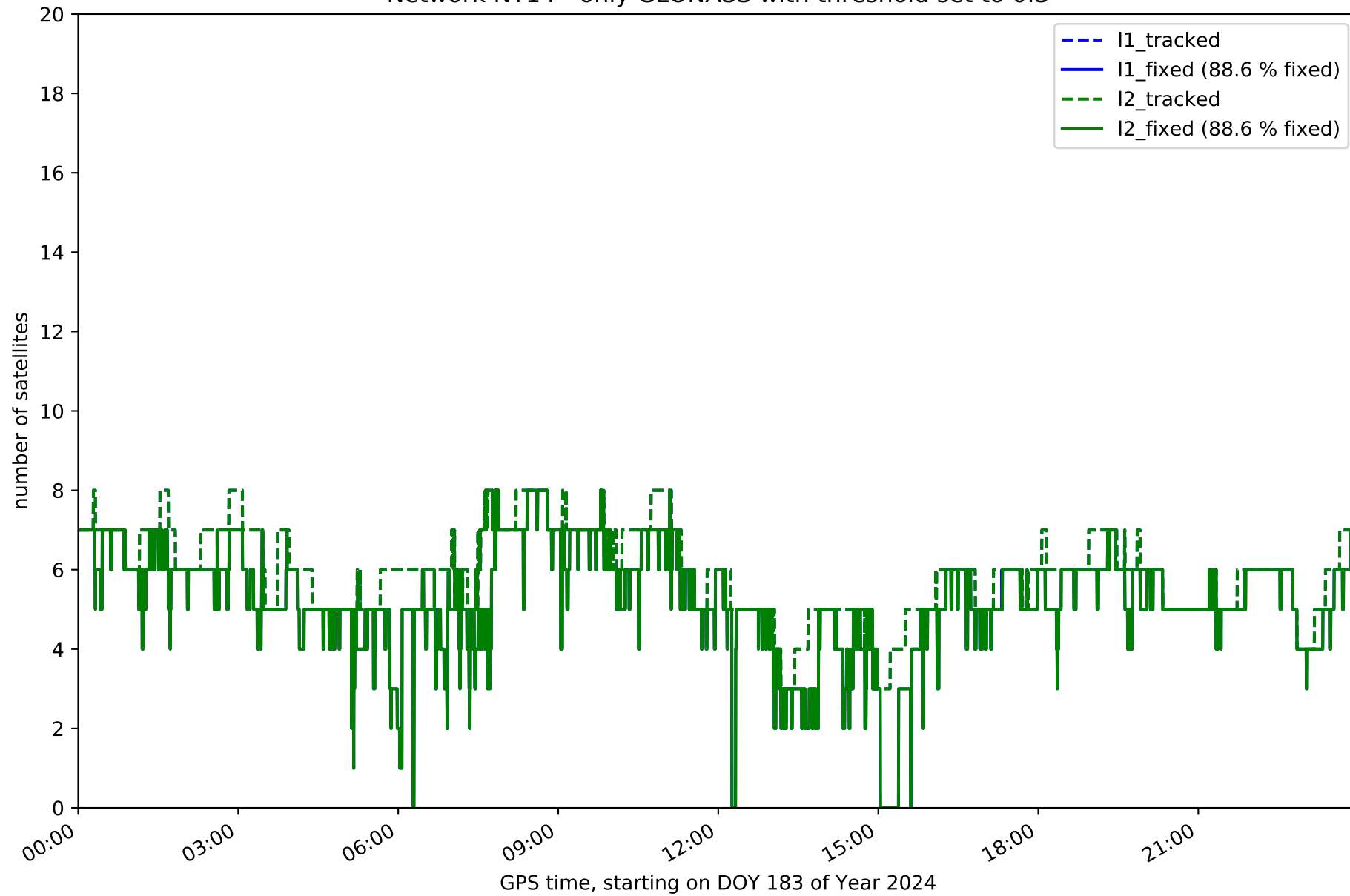
Fixing percentage of satellites in network NT14 with threshold set to 0.3



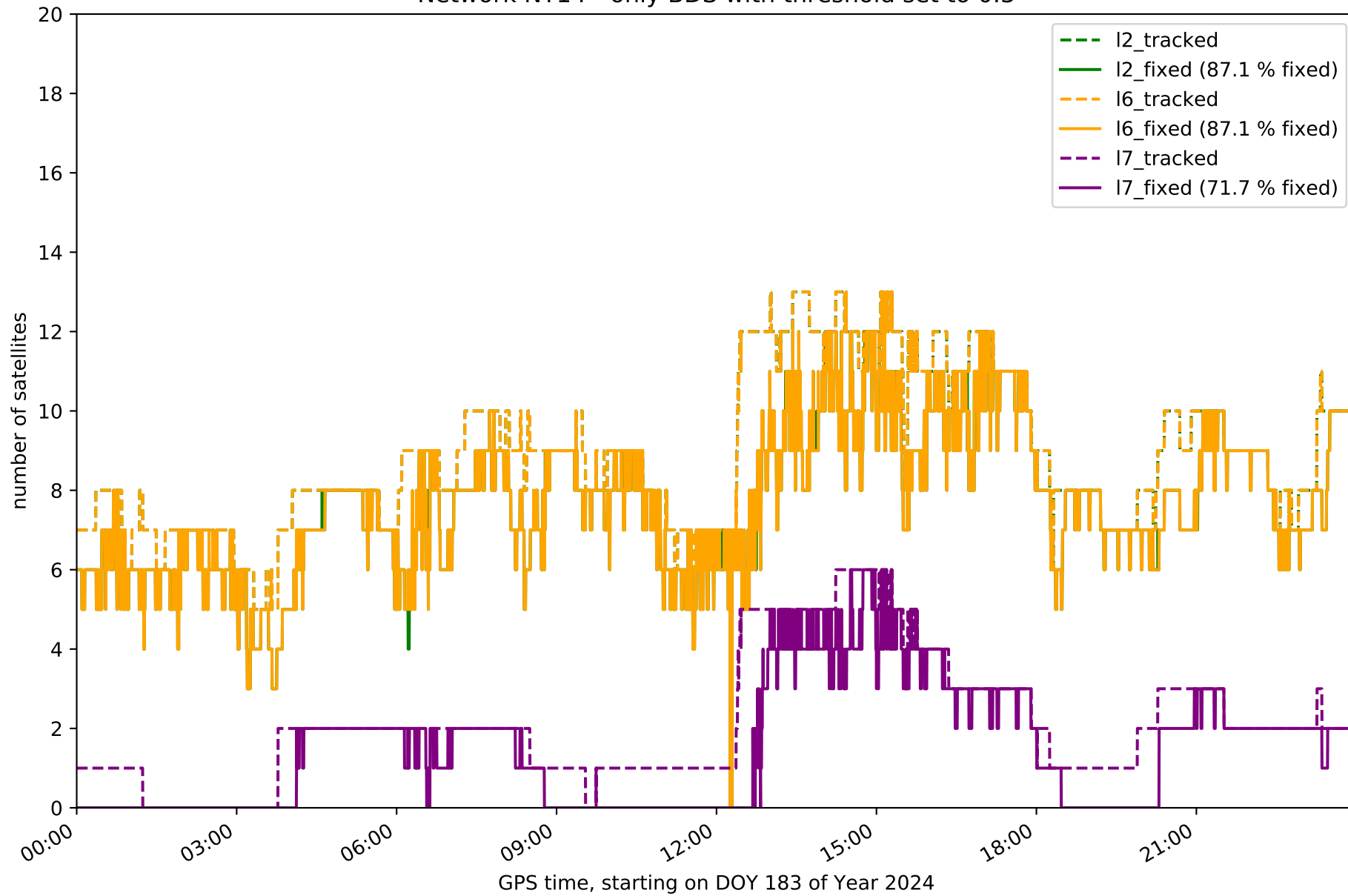
Network NT14 - only GPS with threshold set to 0.3



Network NT14 - only GLONASS with threshold set to 0.3

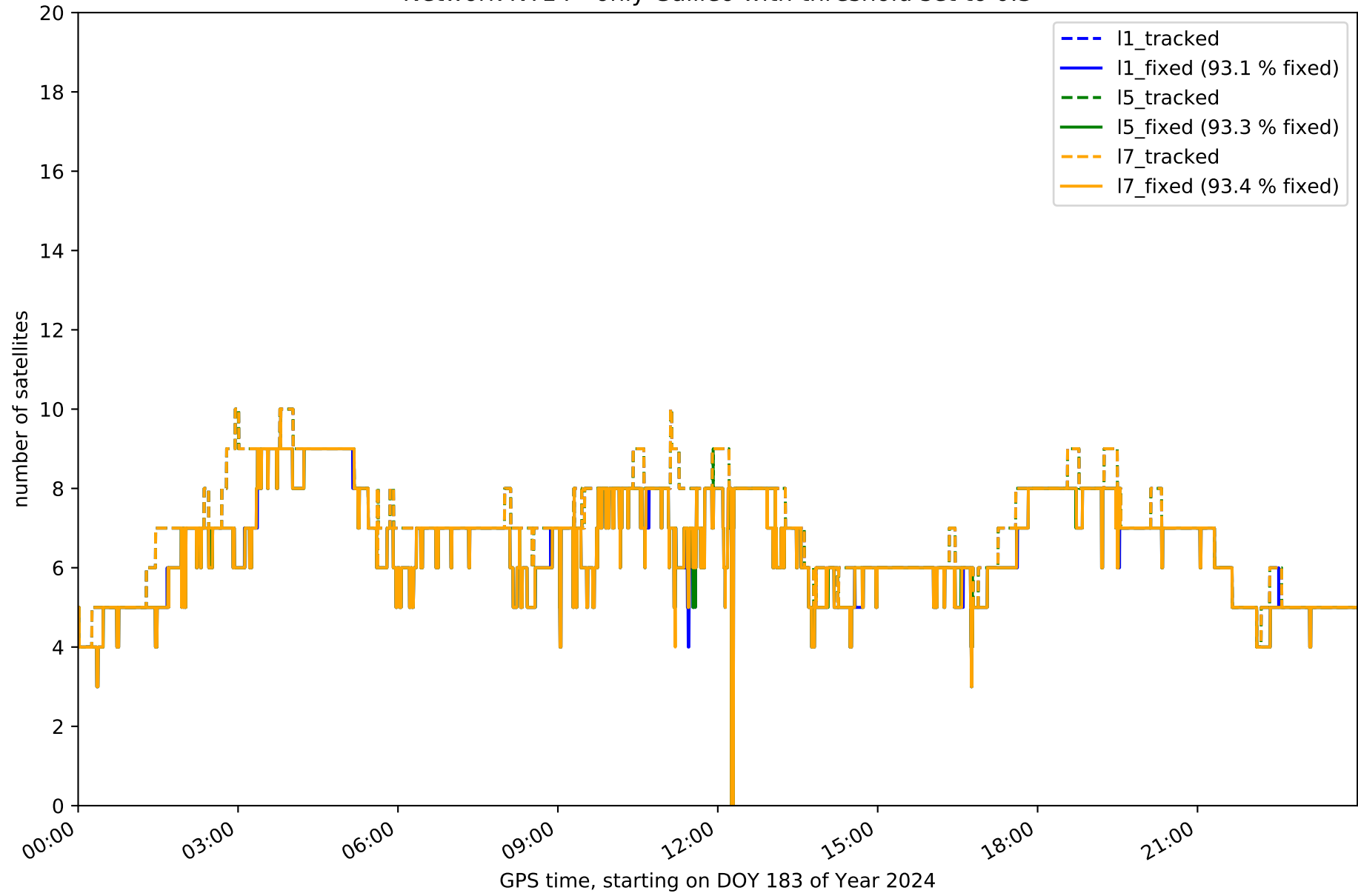


Network NT14 - only BDS with threshold set to 0.3

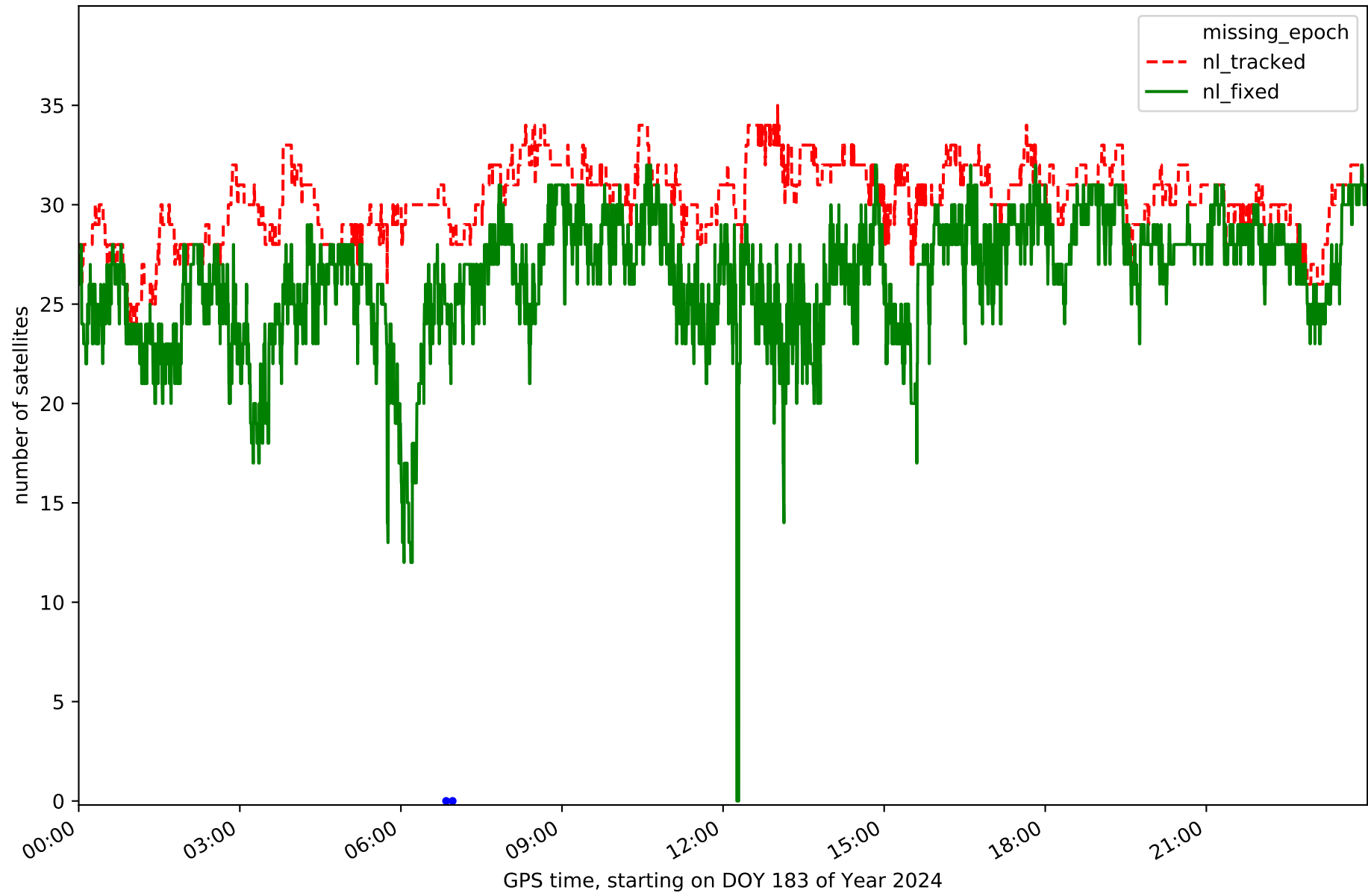




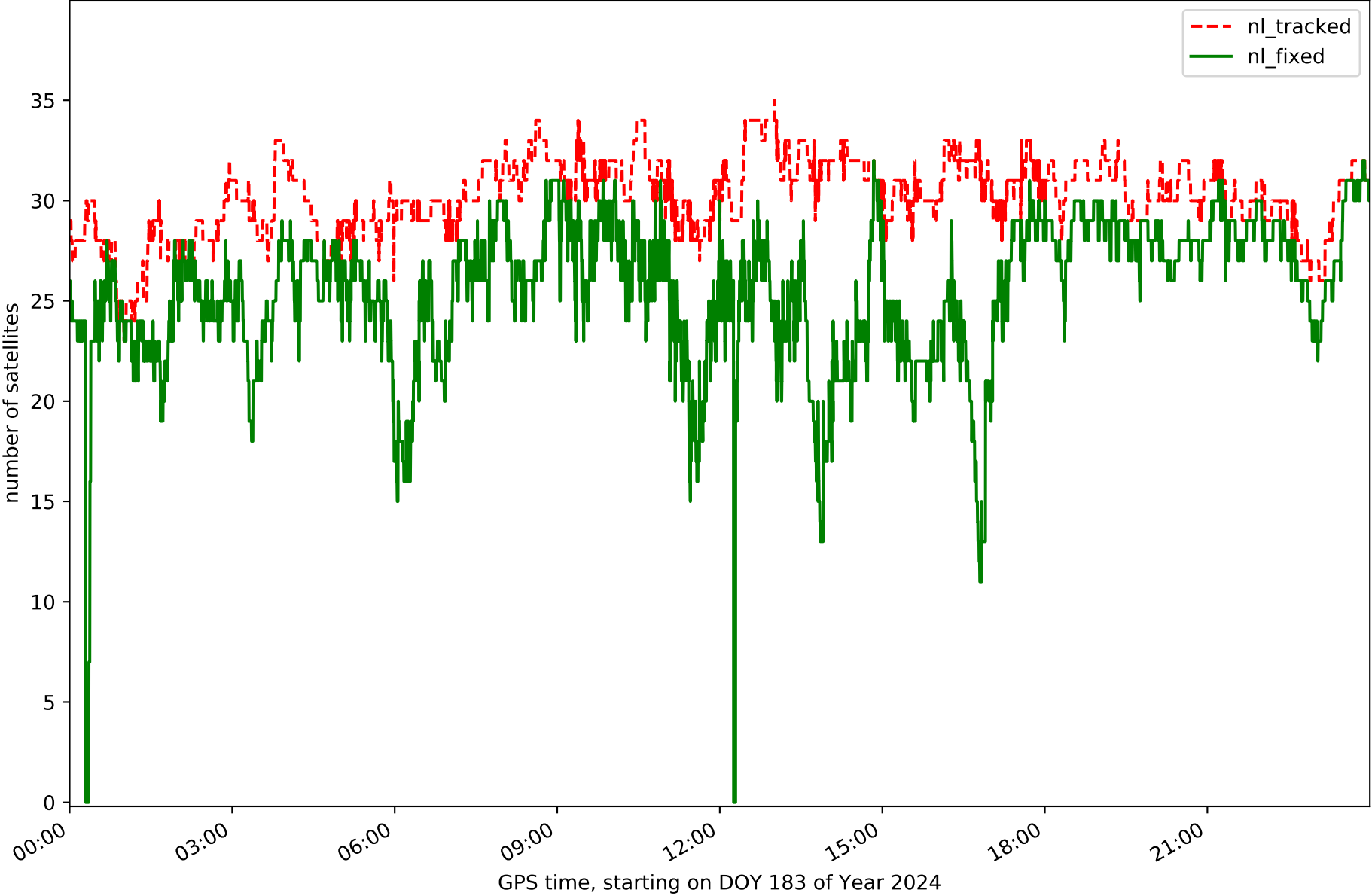
Network NT14 - only Galileo with threshold set to 0.3



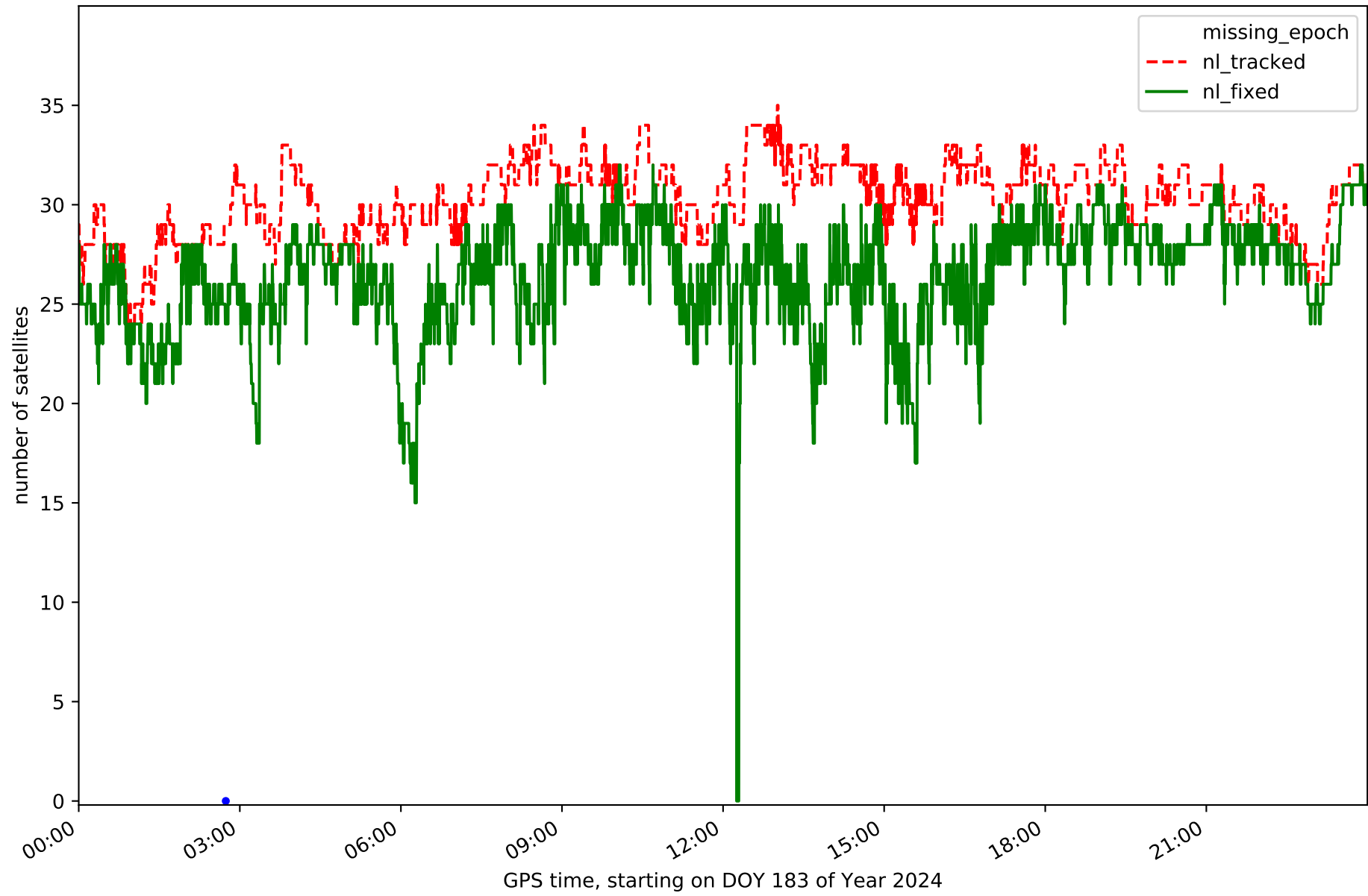
Station AIO2 in network NT14



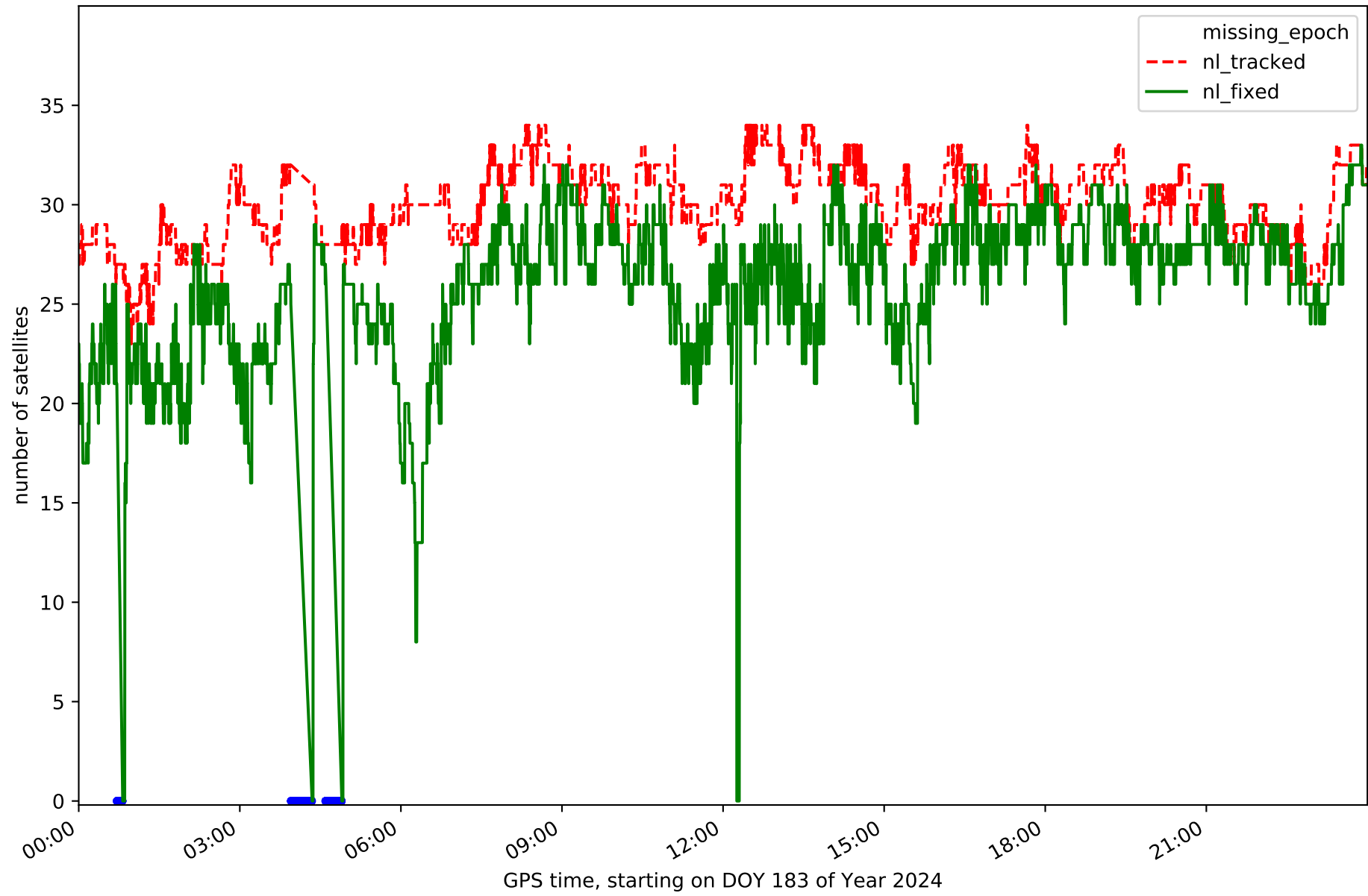
Station ALAC in network NT14



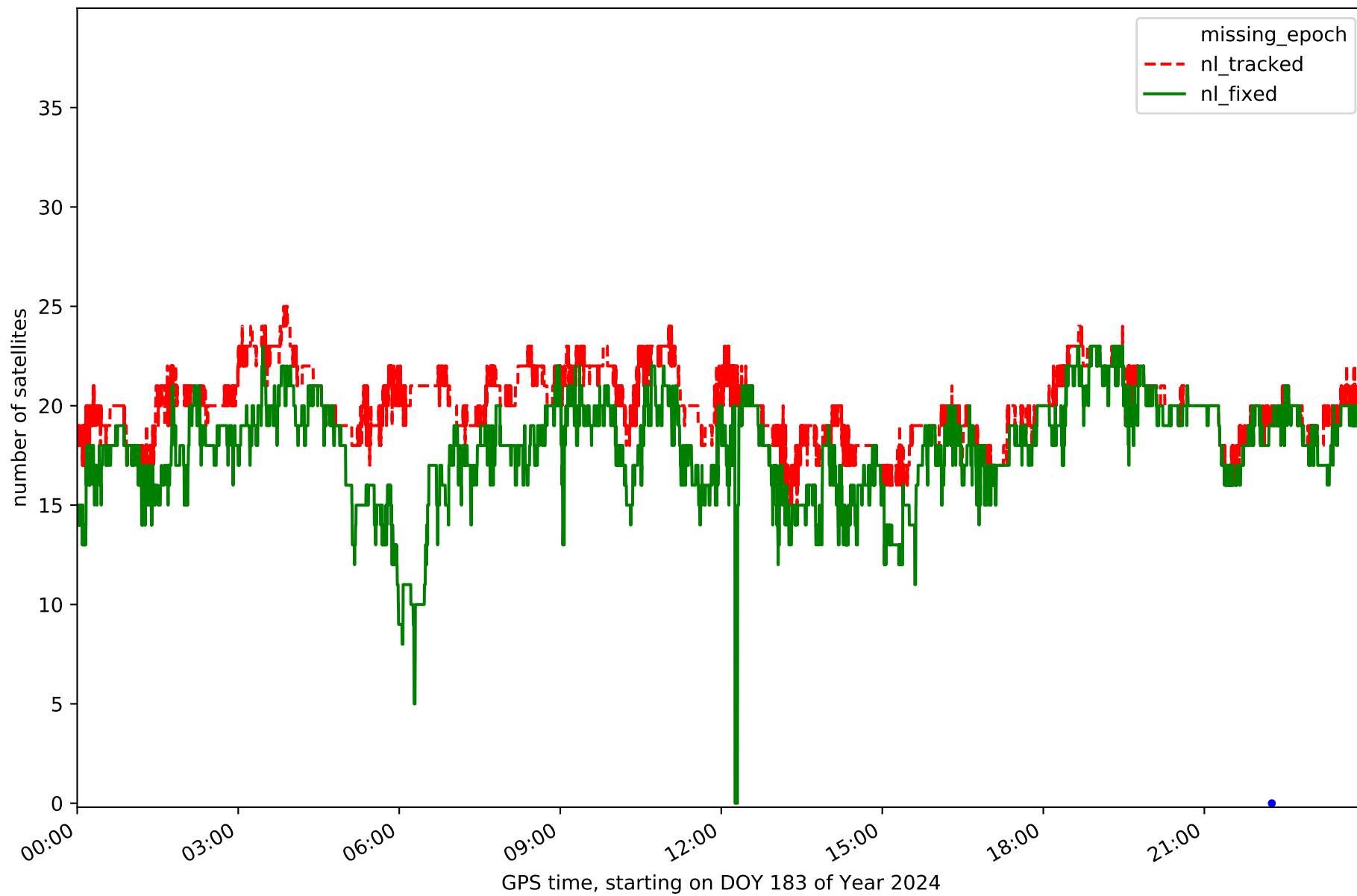
Station ALCO in network NT14



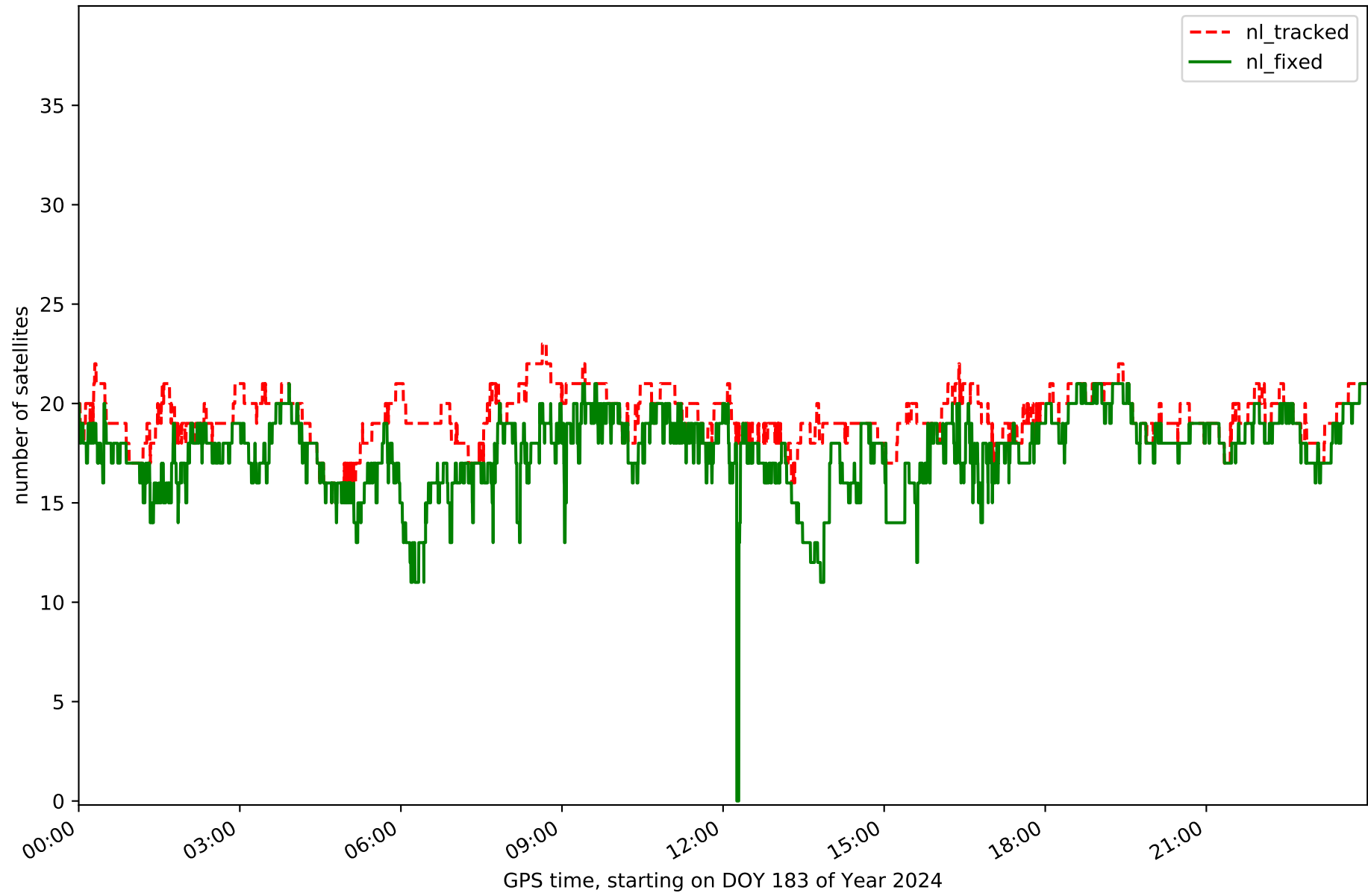
Station ARAS in network NT14



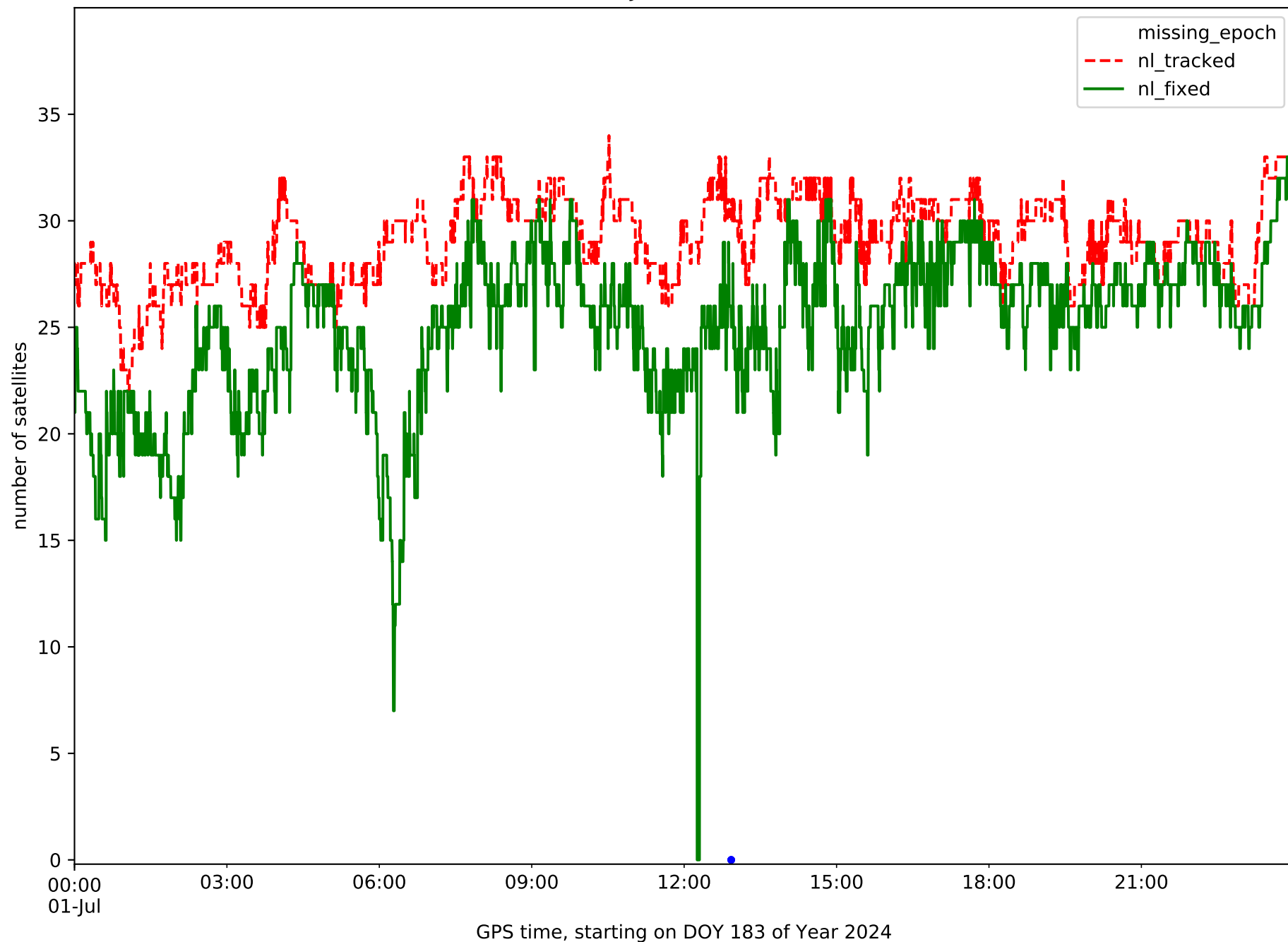
Station BORR in network NT14



Station DENI in network NT14

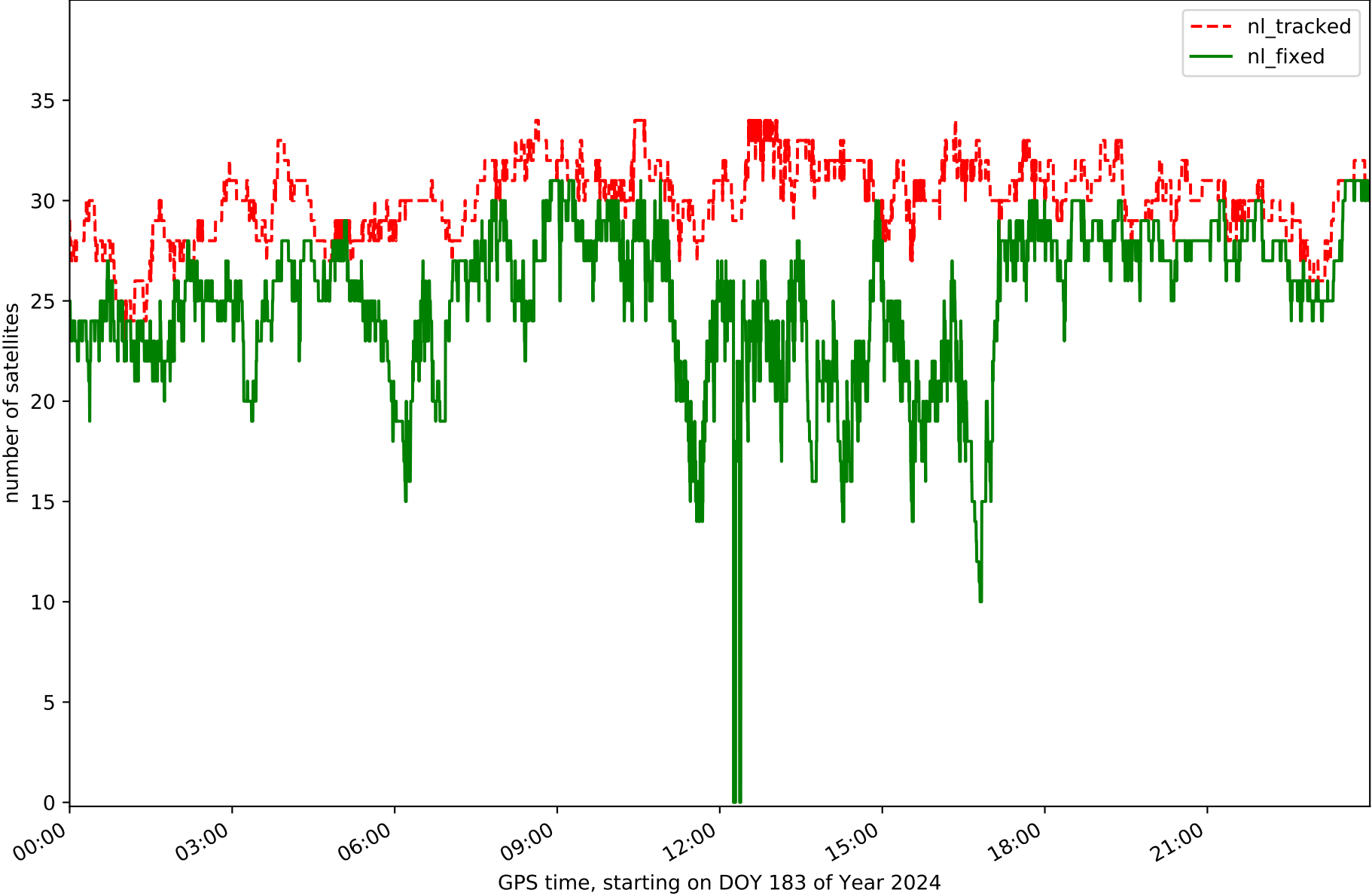


Station IEJA in network NT14

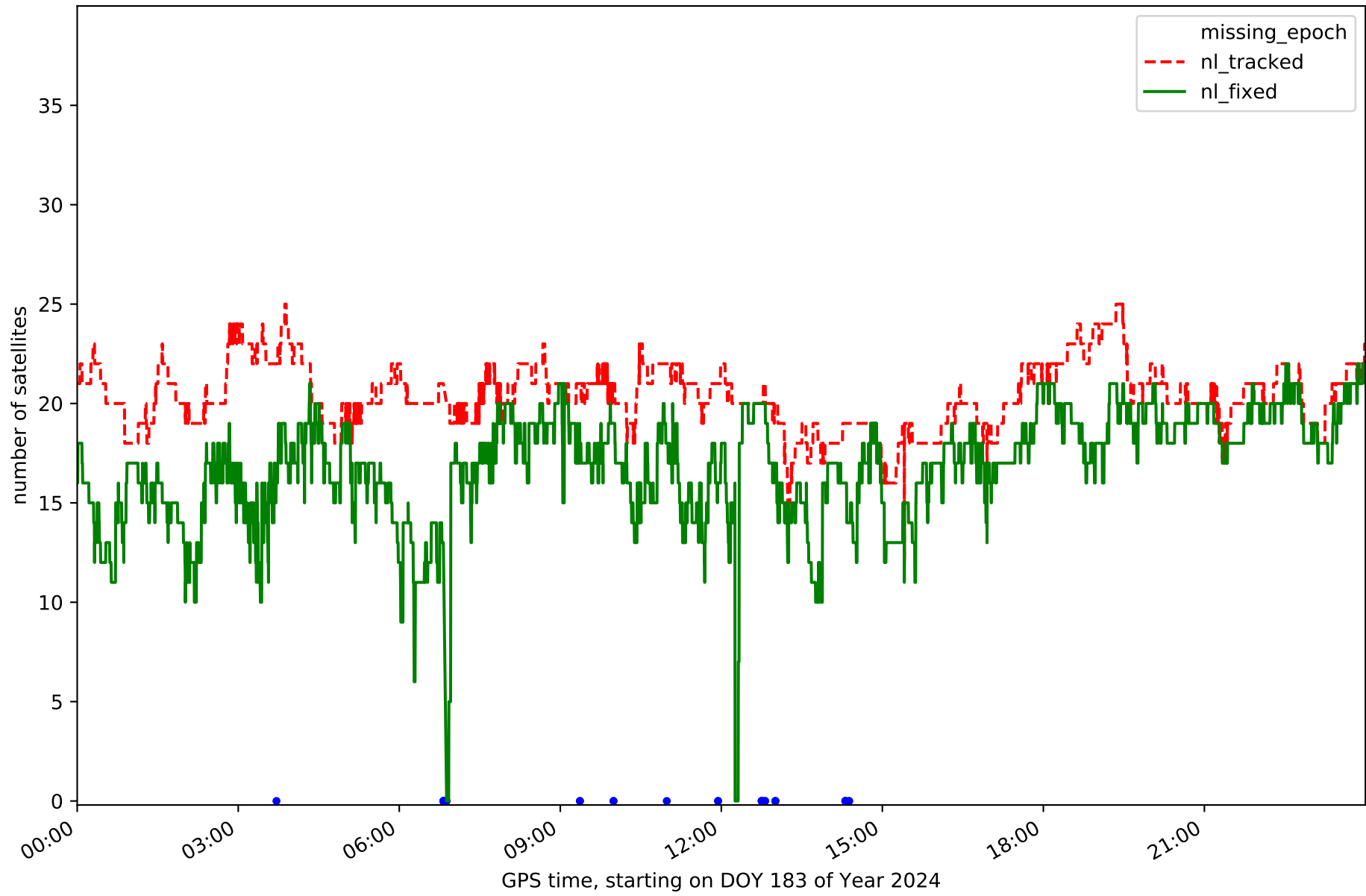




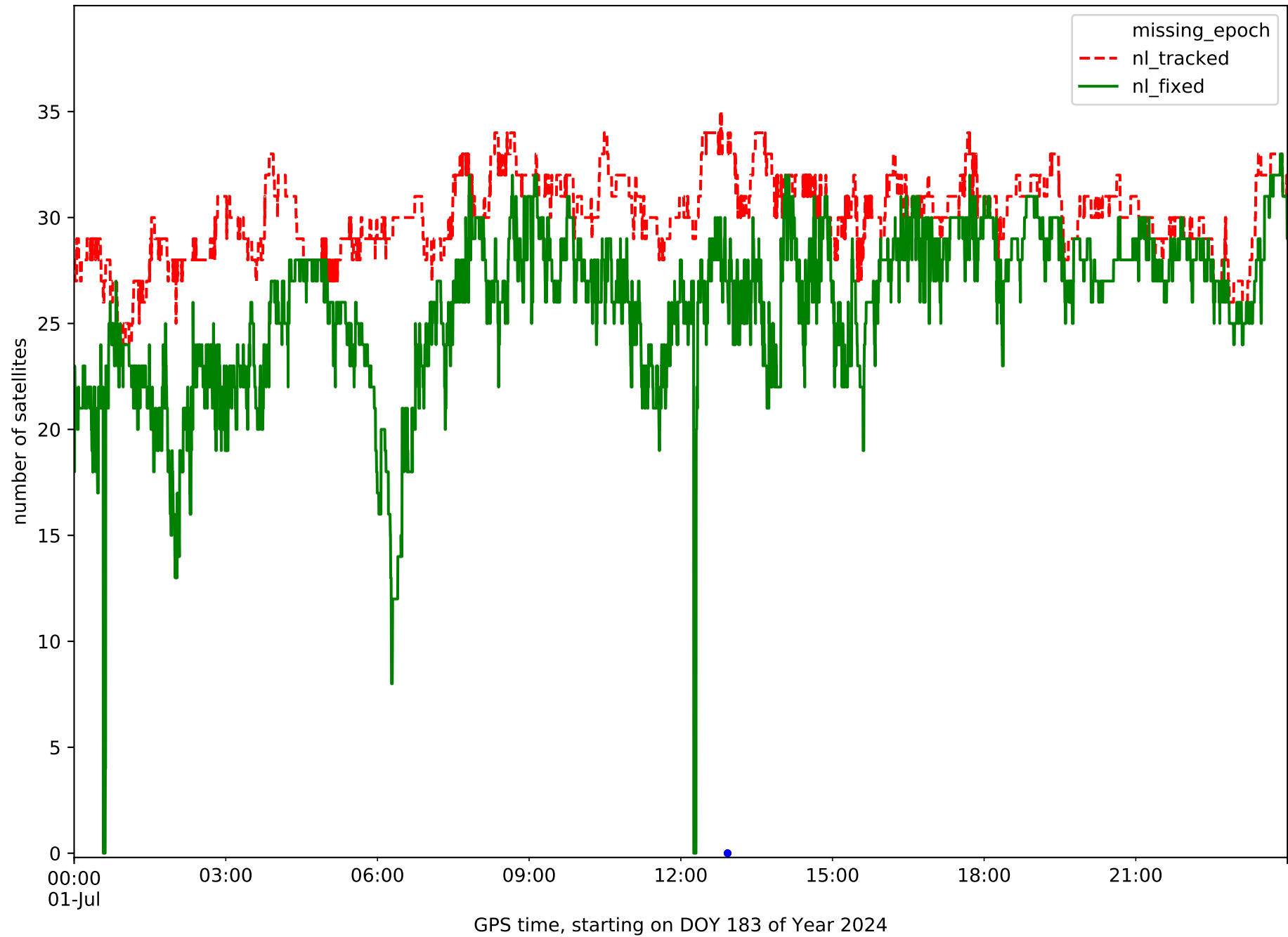
Station JUMA in network NT14



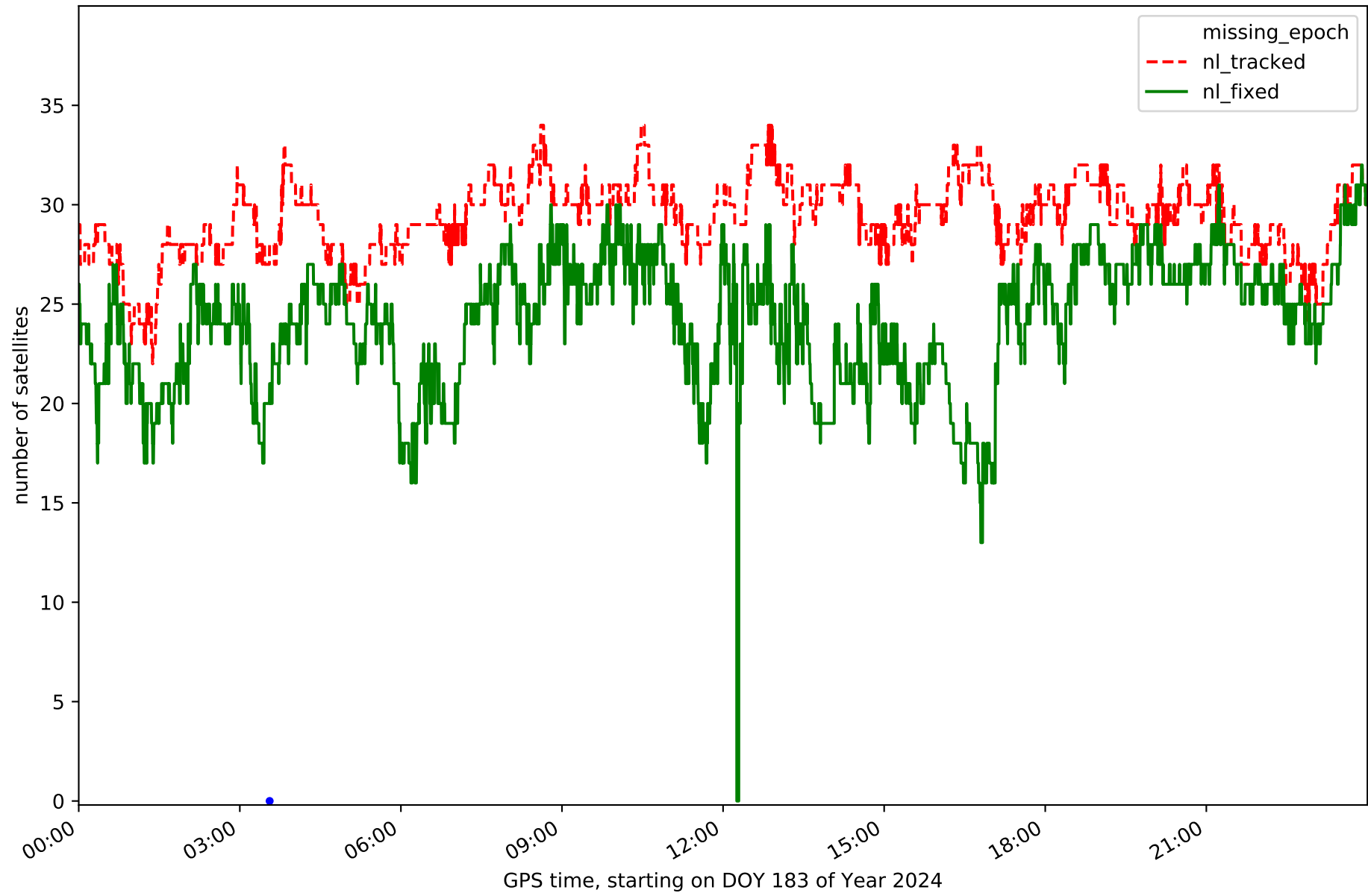
Station PENI in network NT14



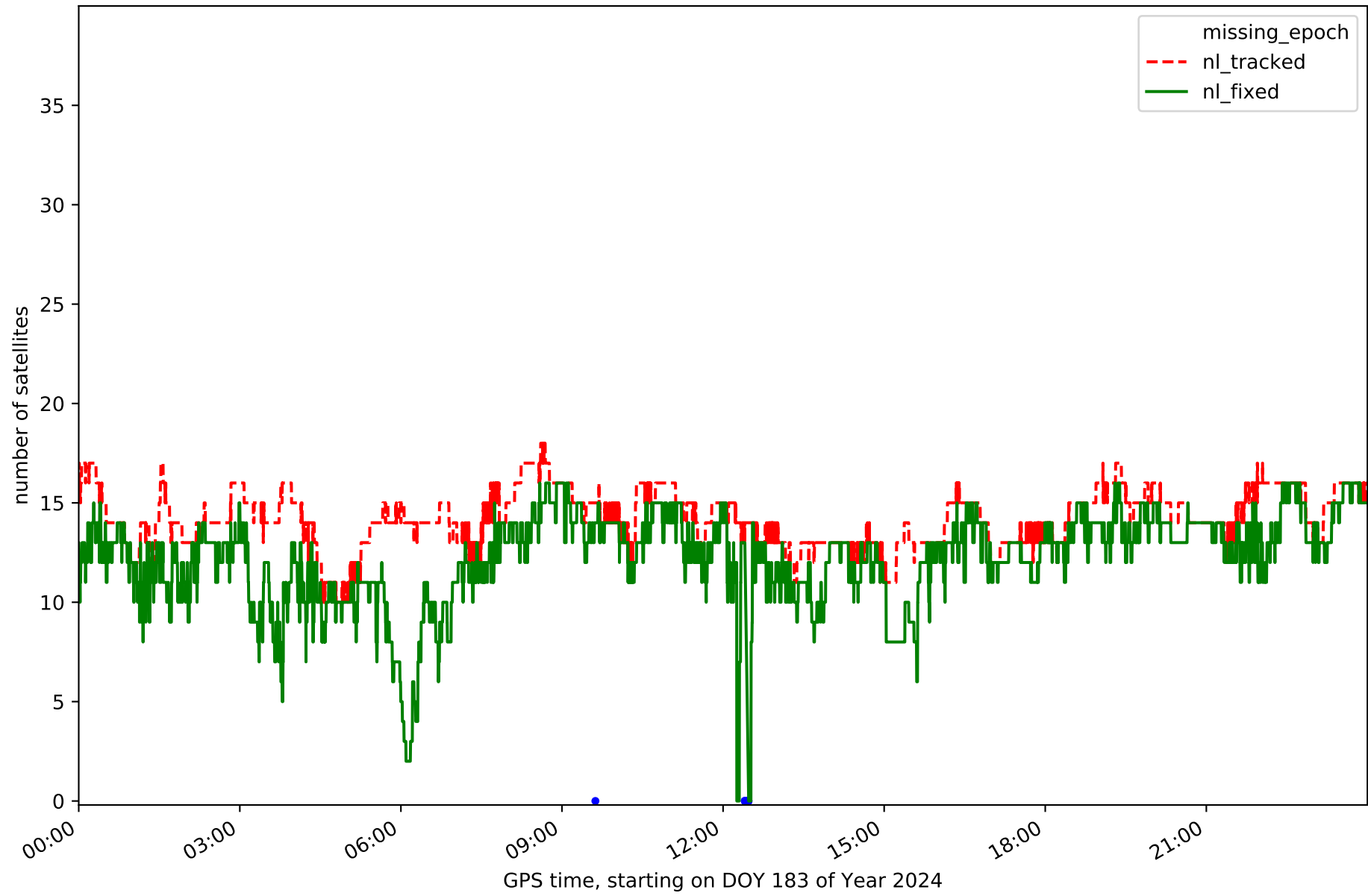
Station SARR in network NT14



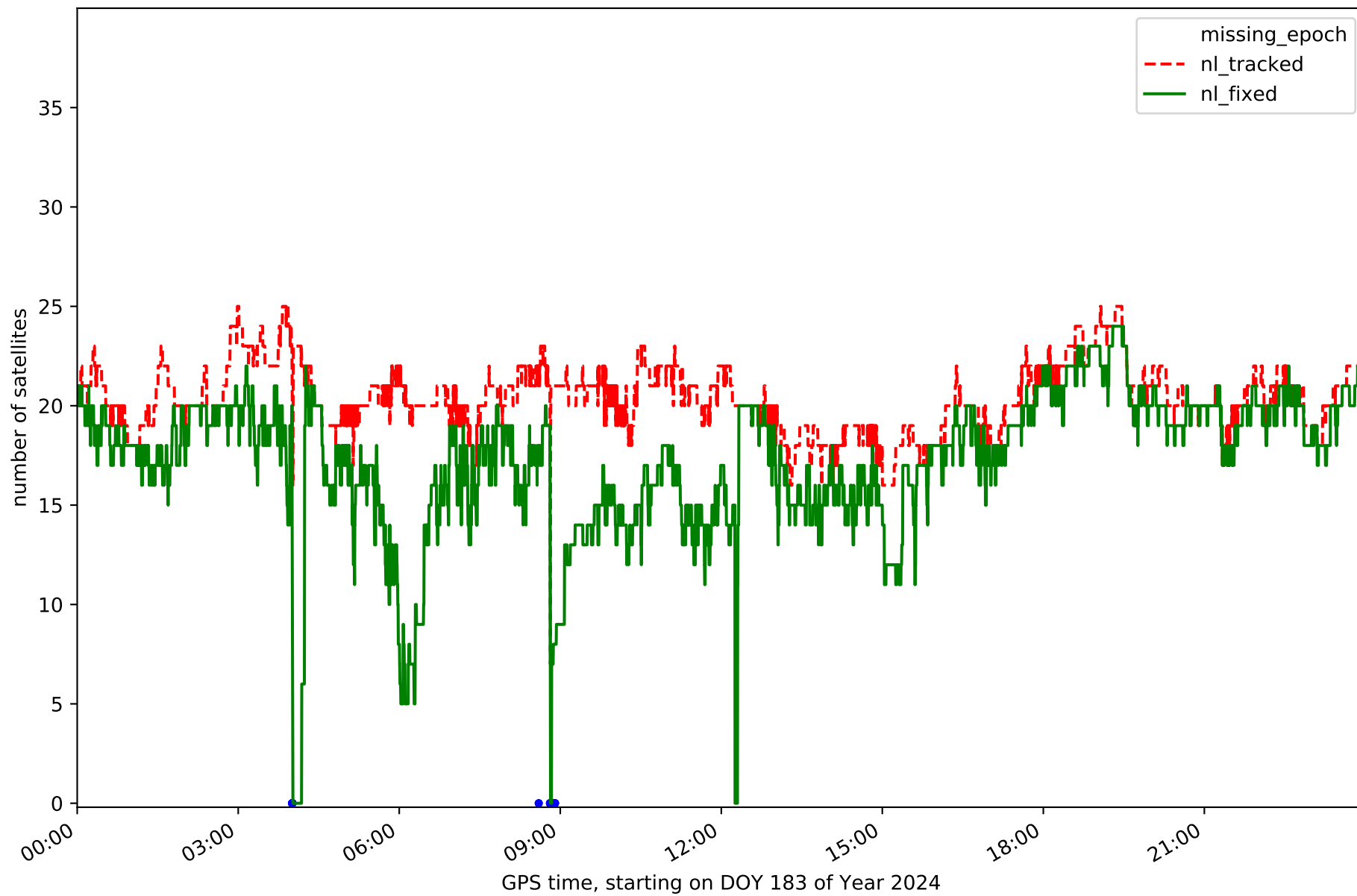
Station TOR0 in network NT14



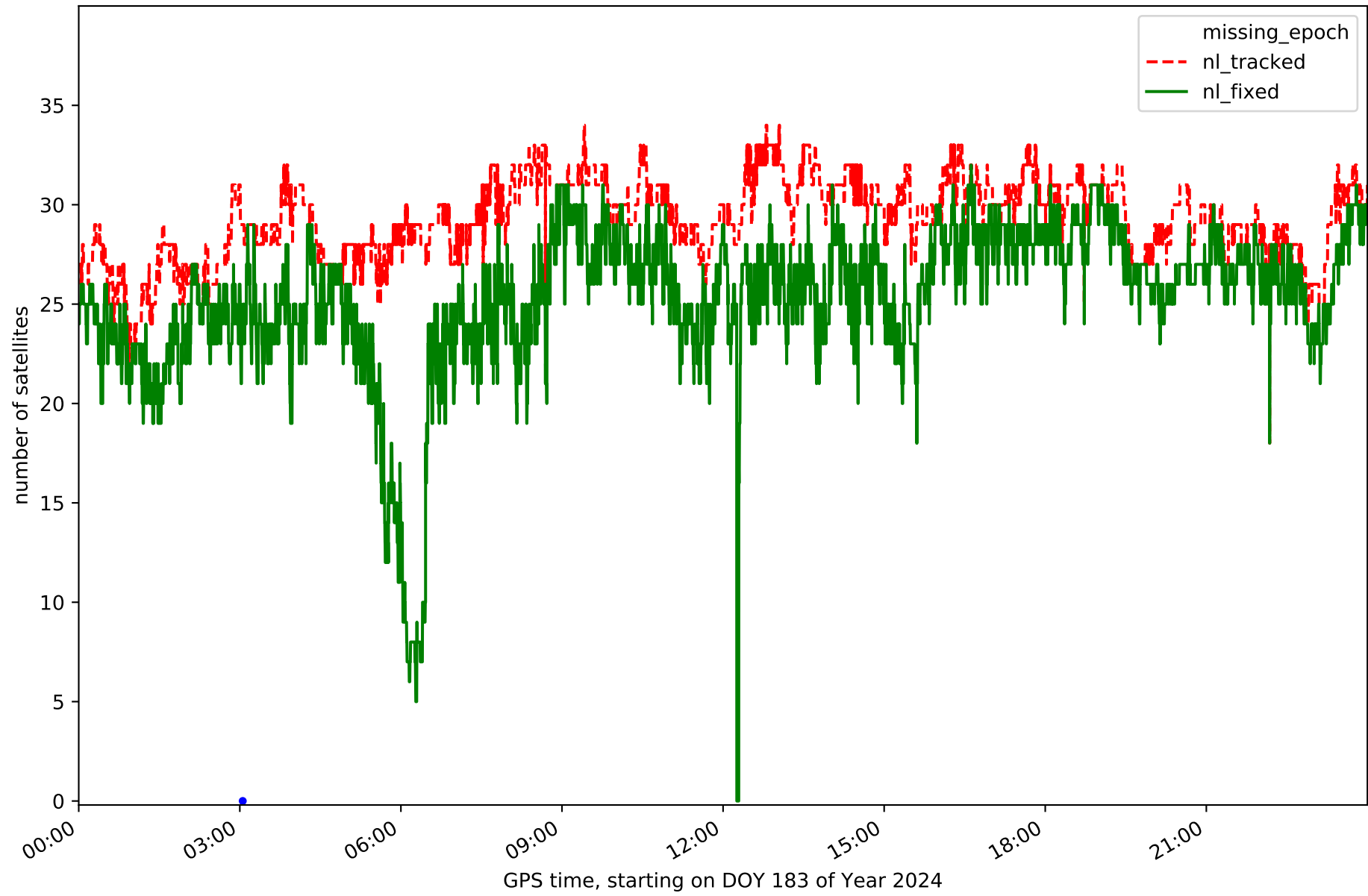
Station UTIE in network NT14



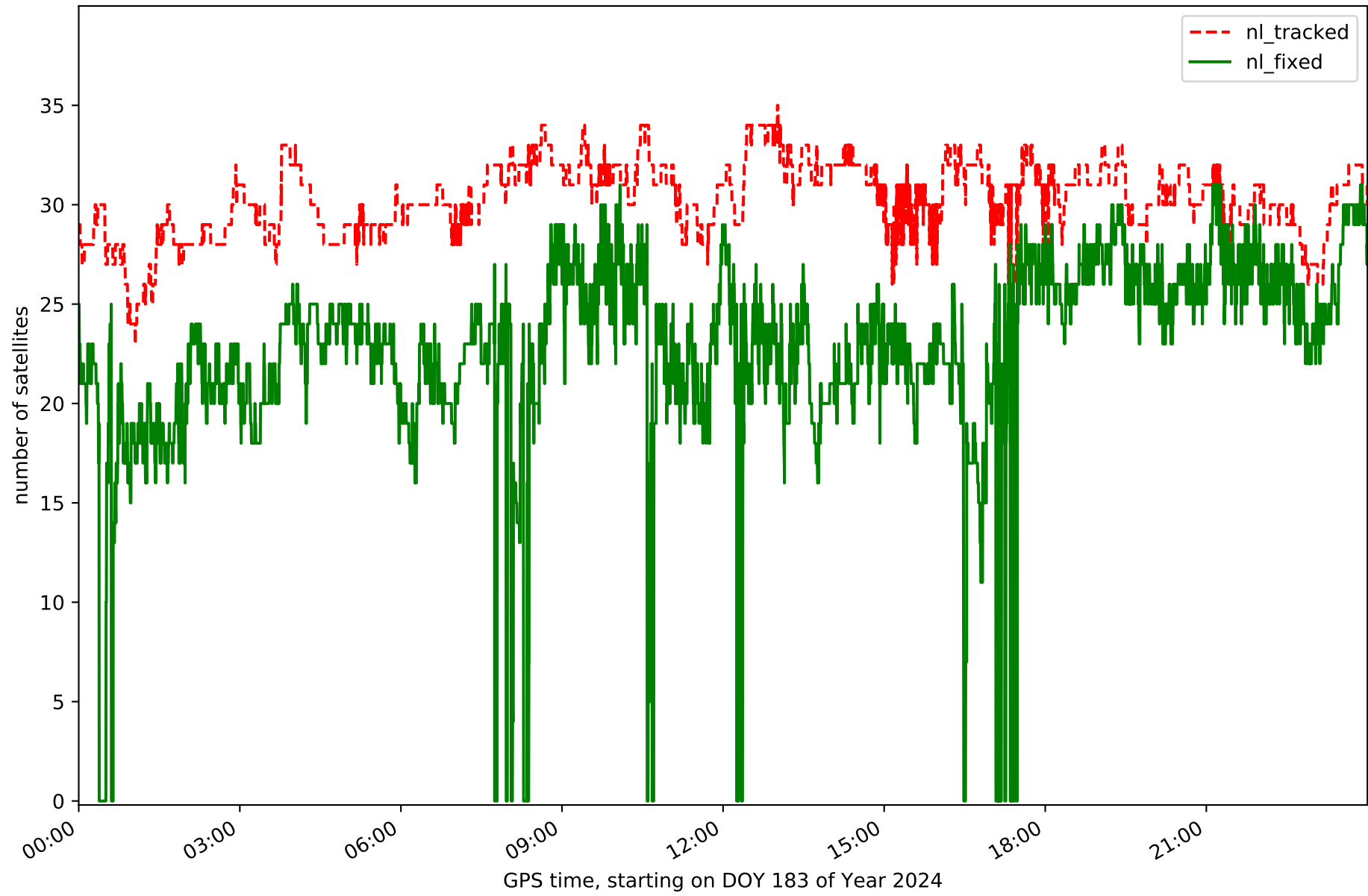
Station VALE in network NT14



Station VCIA in network NT14

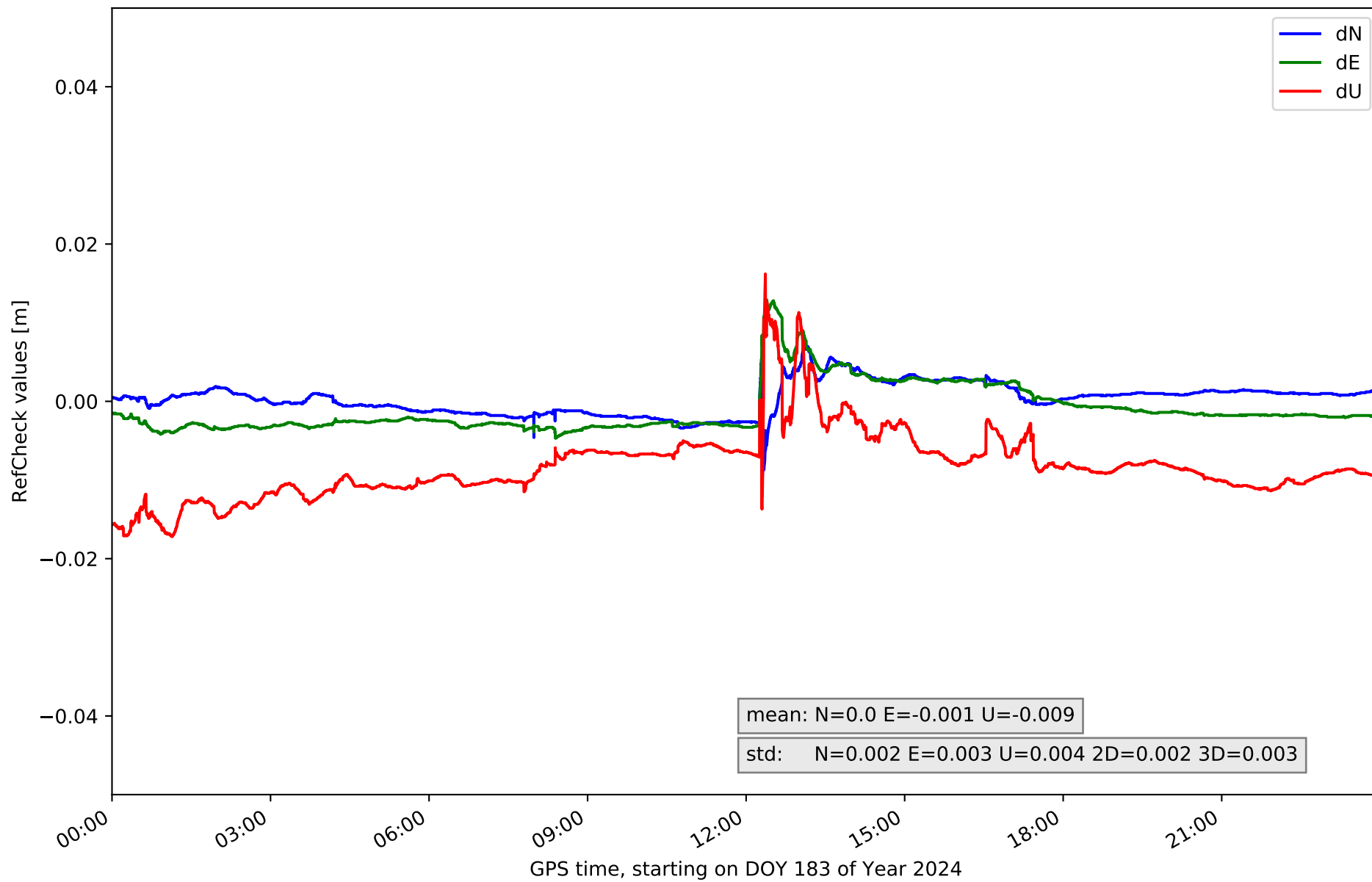


Station VJOI in network NT14

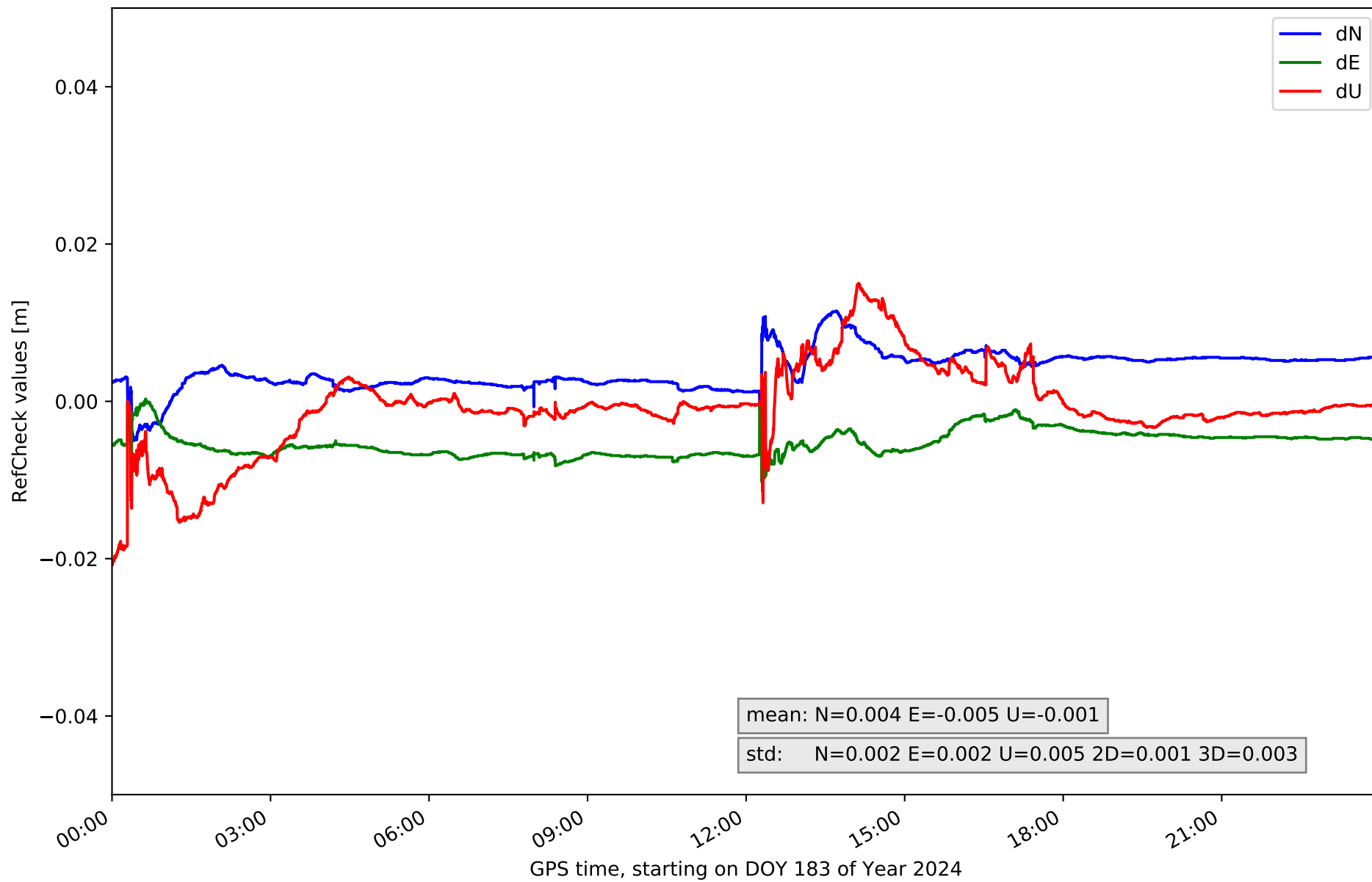




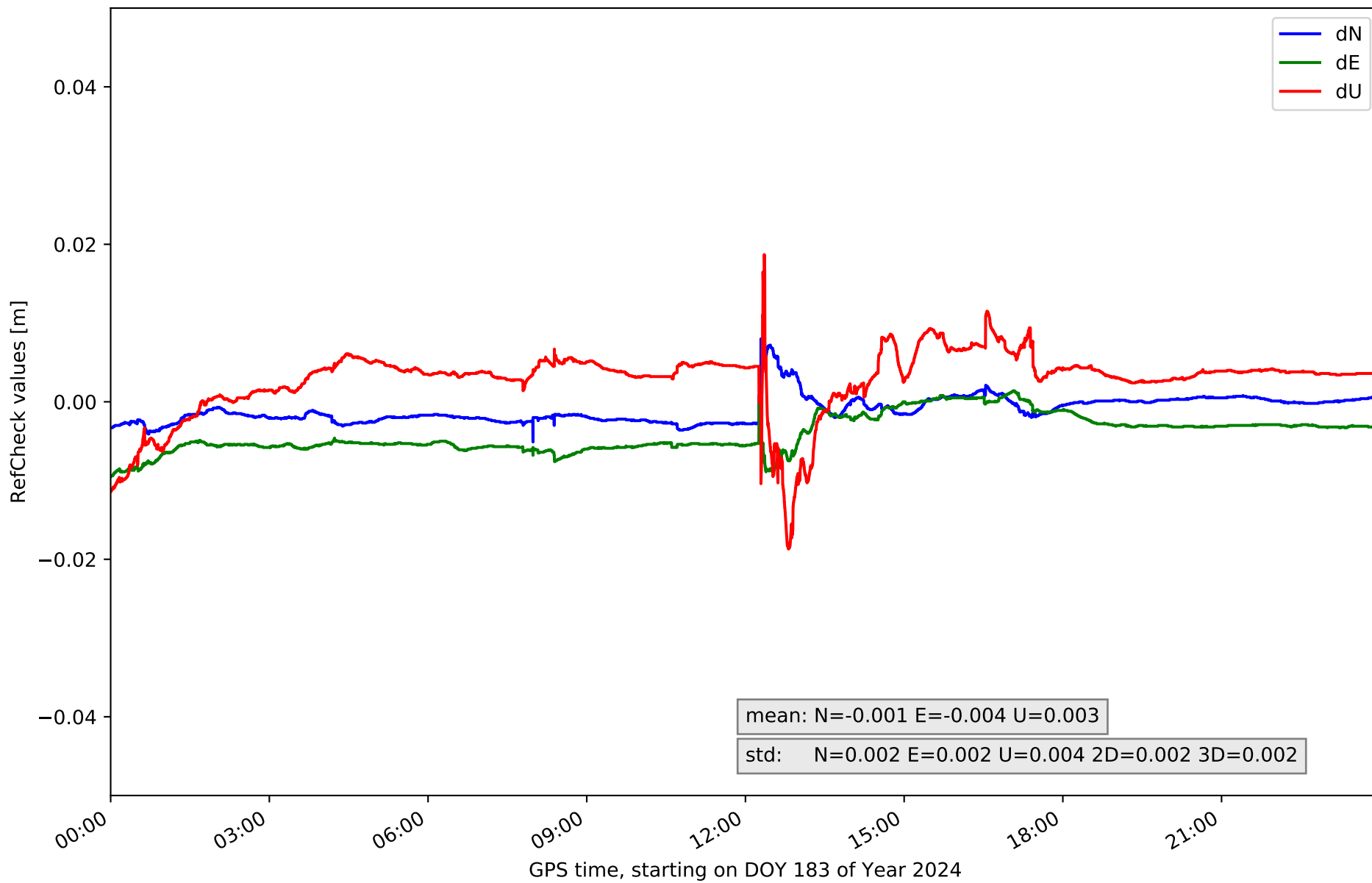
# RefCheck for station AIO2 in network NT14



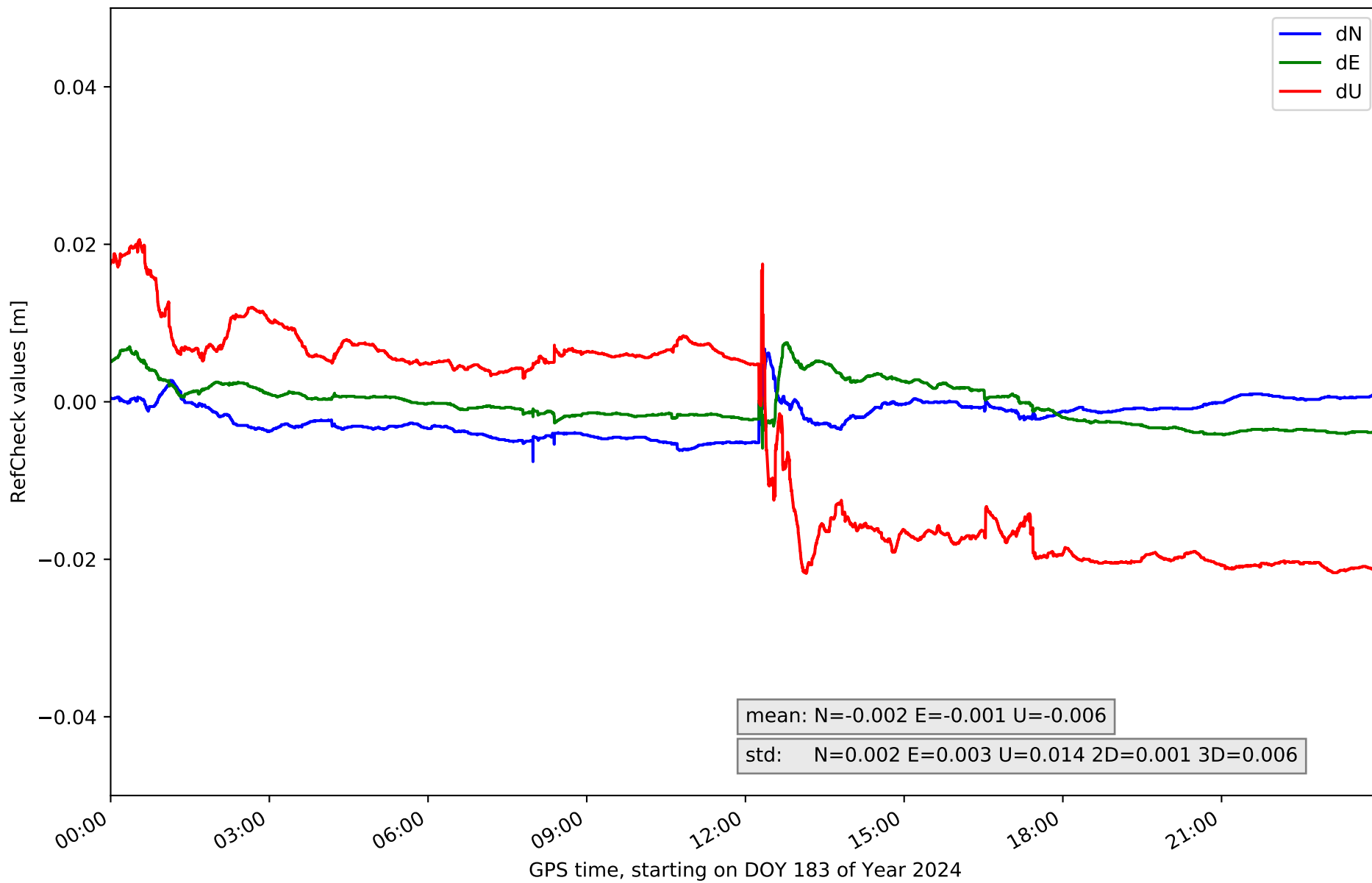
# RefCheck for station ALAC in network NT14



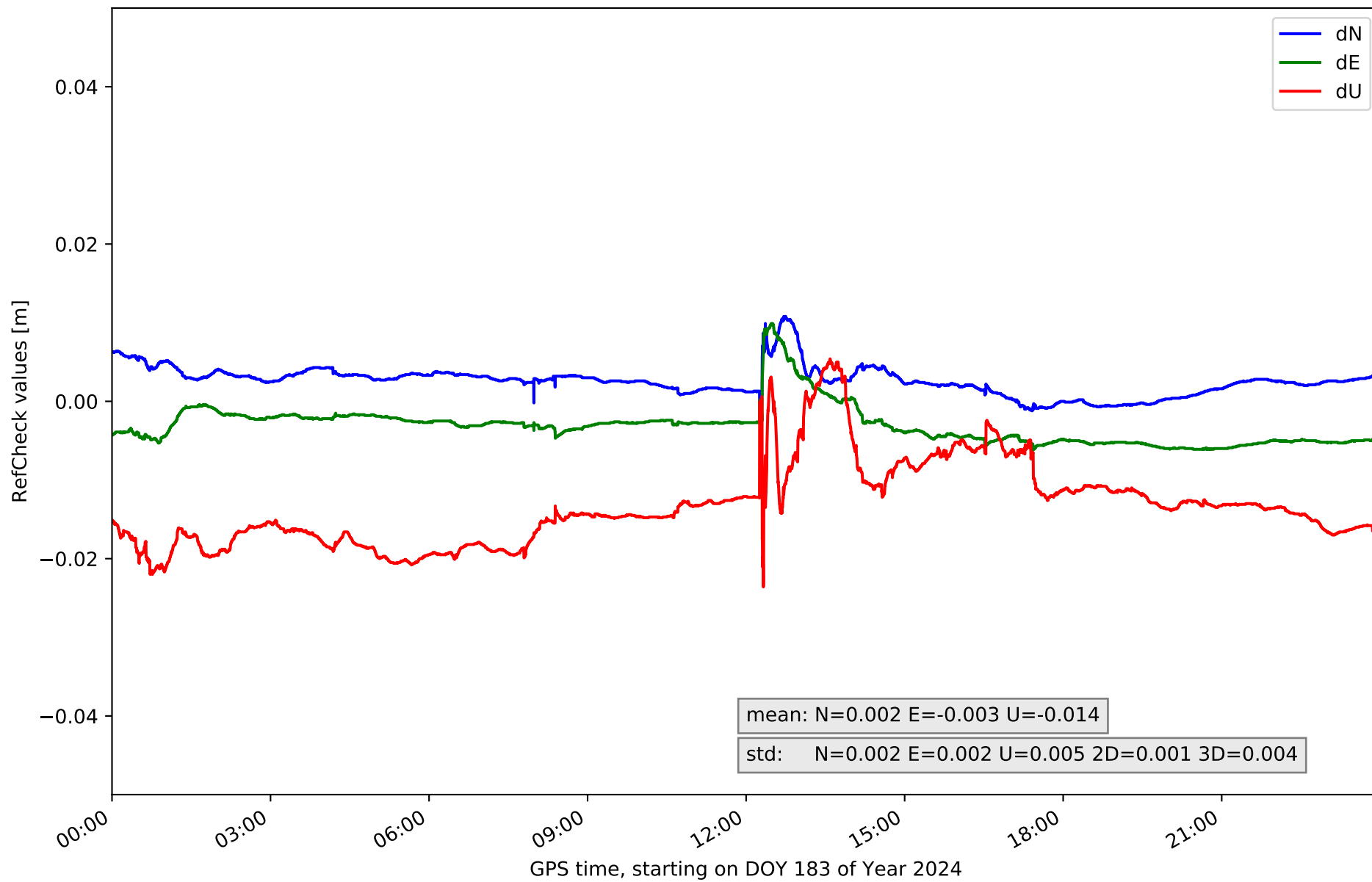
### RefCheck for station ALCO in network NT14



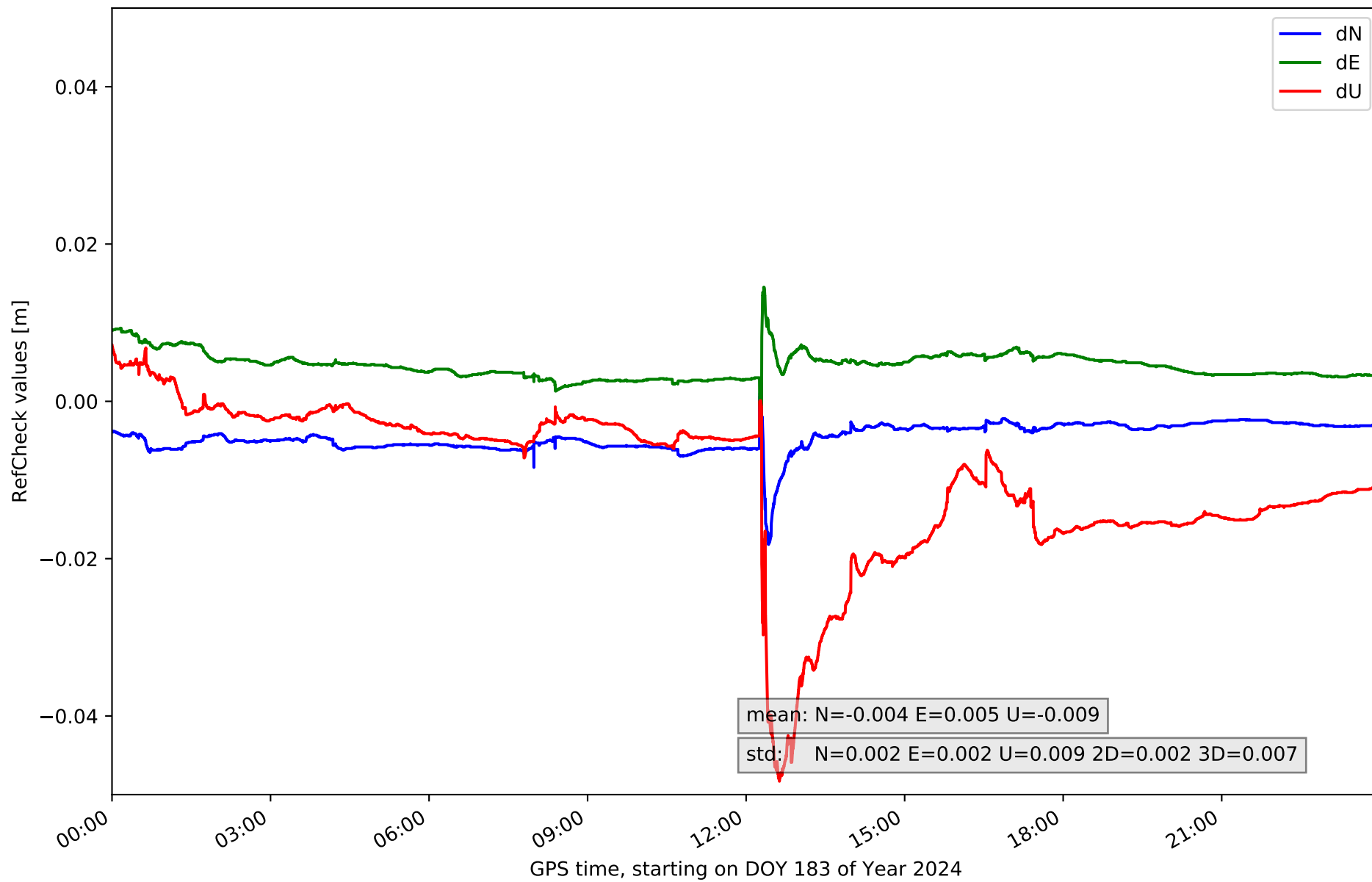
# RefCheck for station ARAS in network NT14



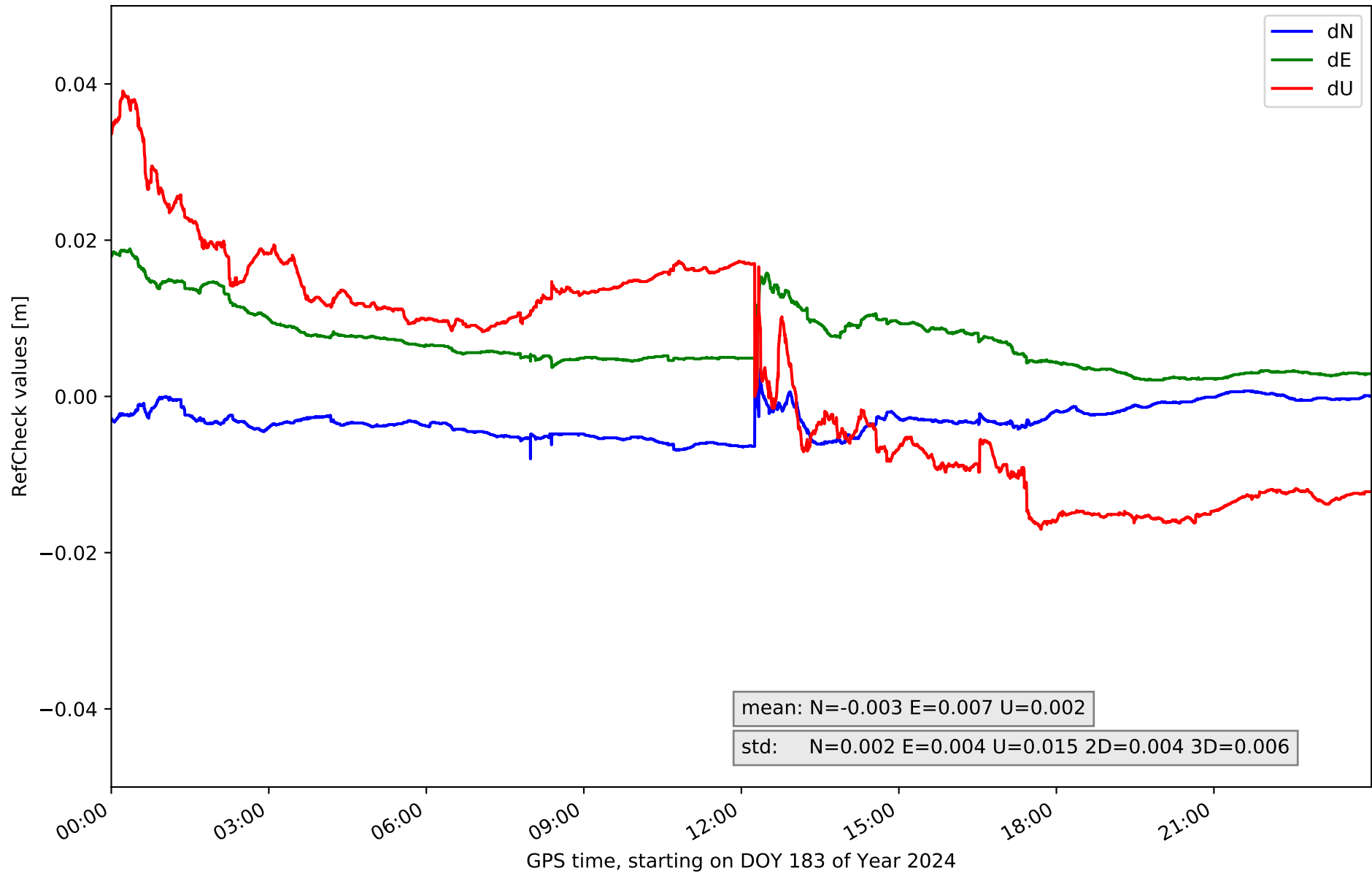
# RefCheck for station BORR in network NT14



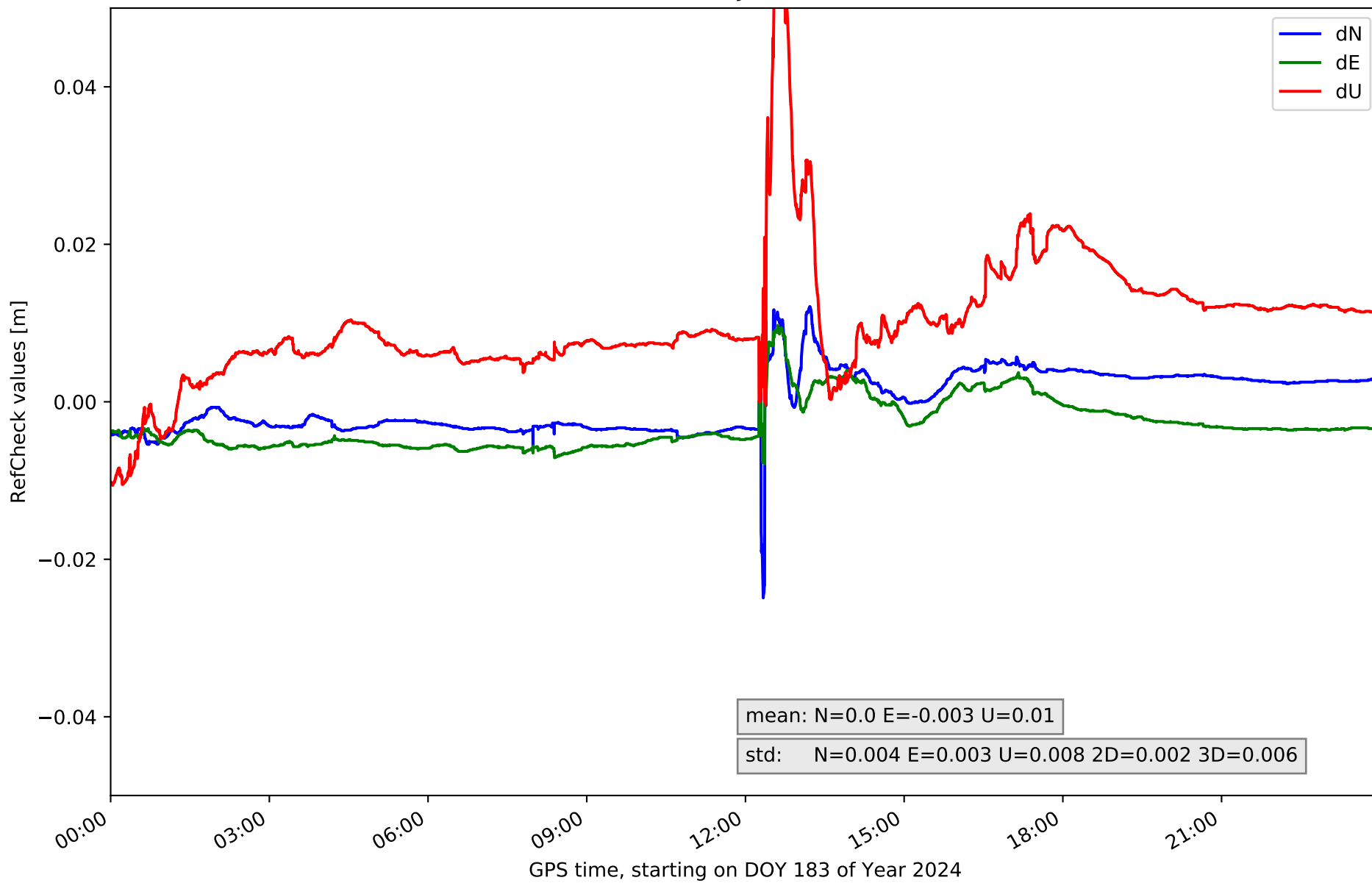
# RefCheck for station DENI in network NT14



# RefCheck for station IEJA in network NT14

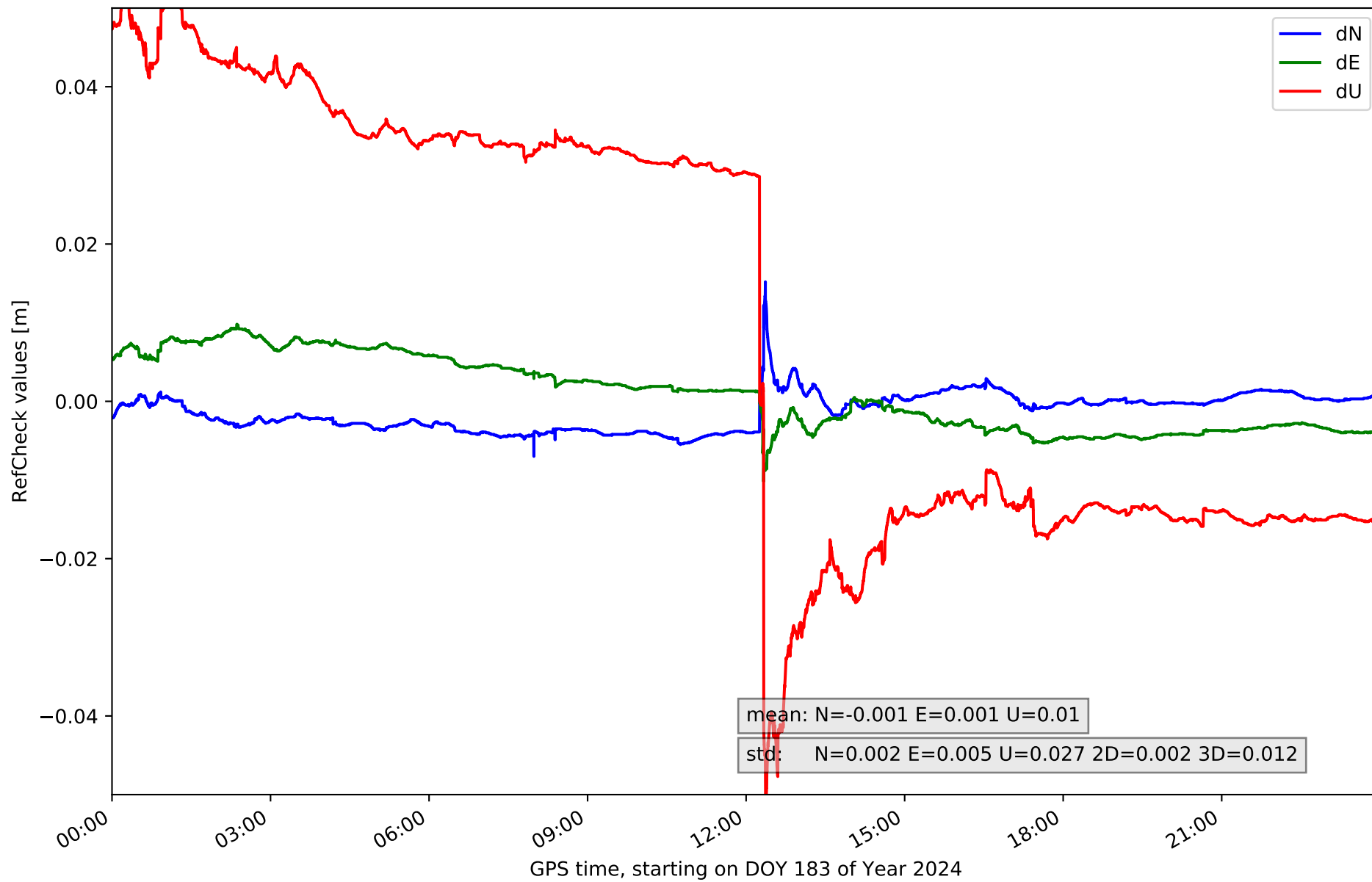


### RefCheck for station JUMA in network NT14

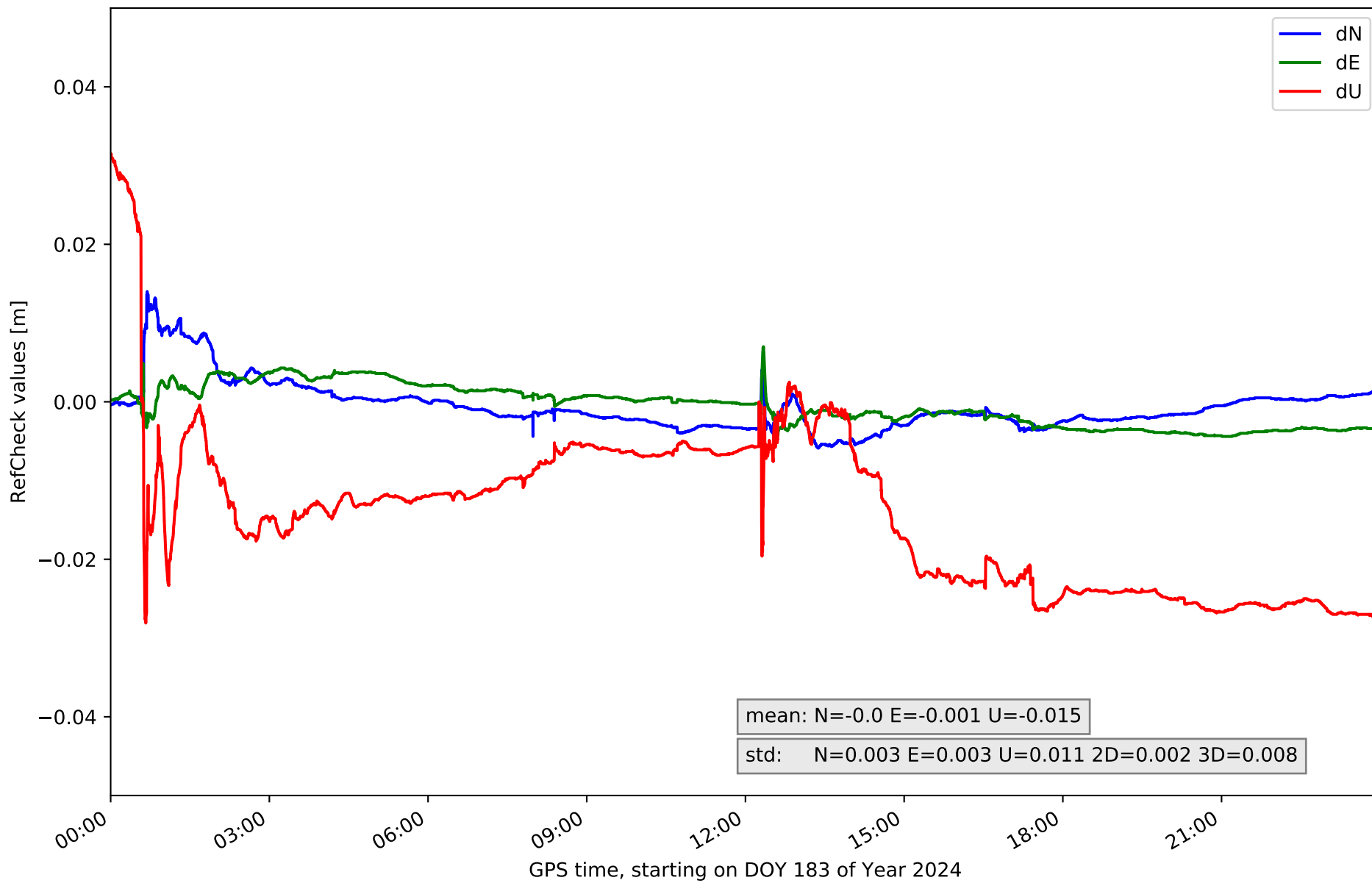




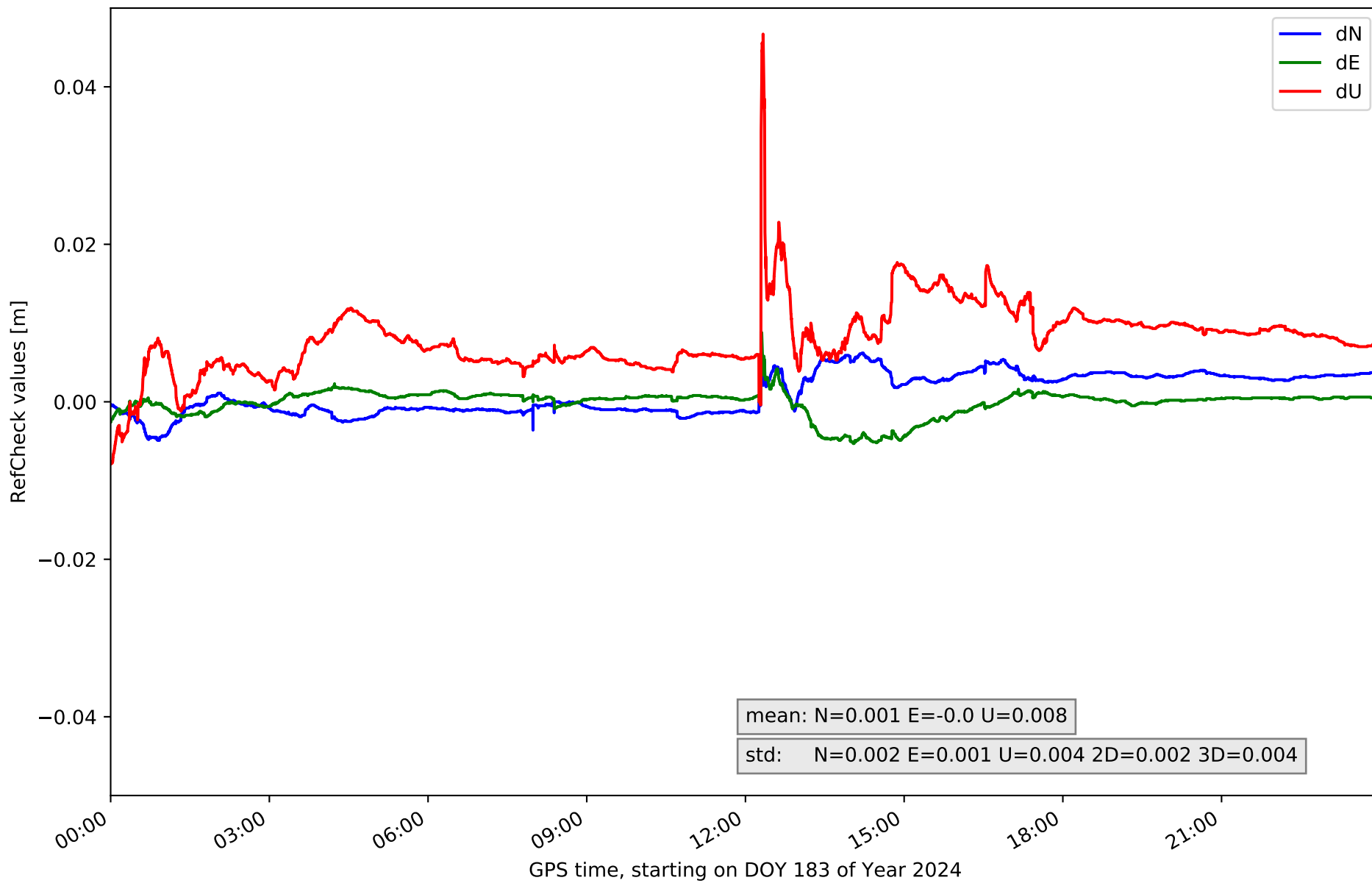
# RefCheck for station PENI in network NT14



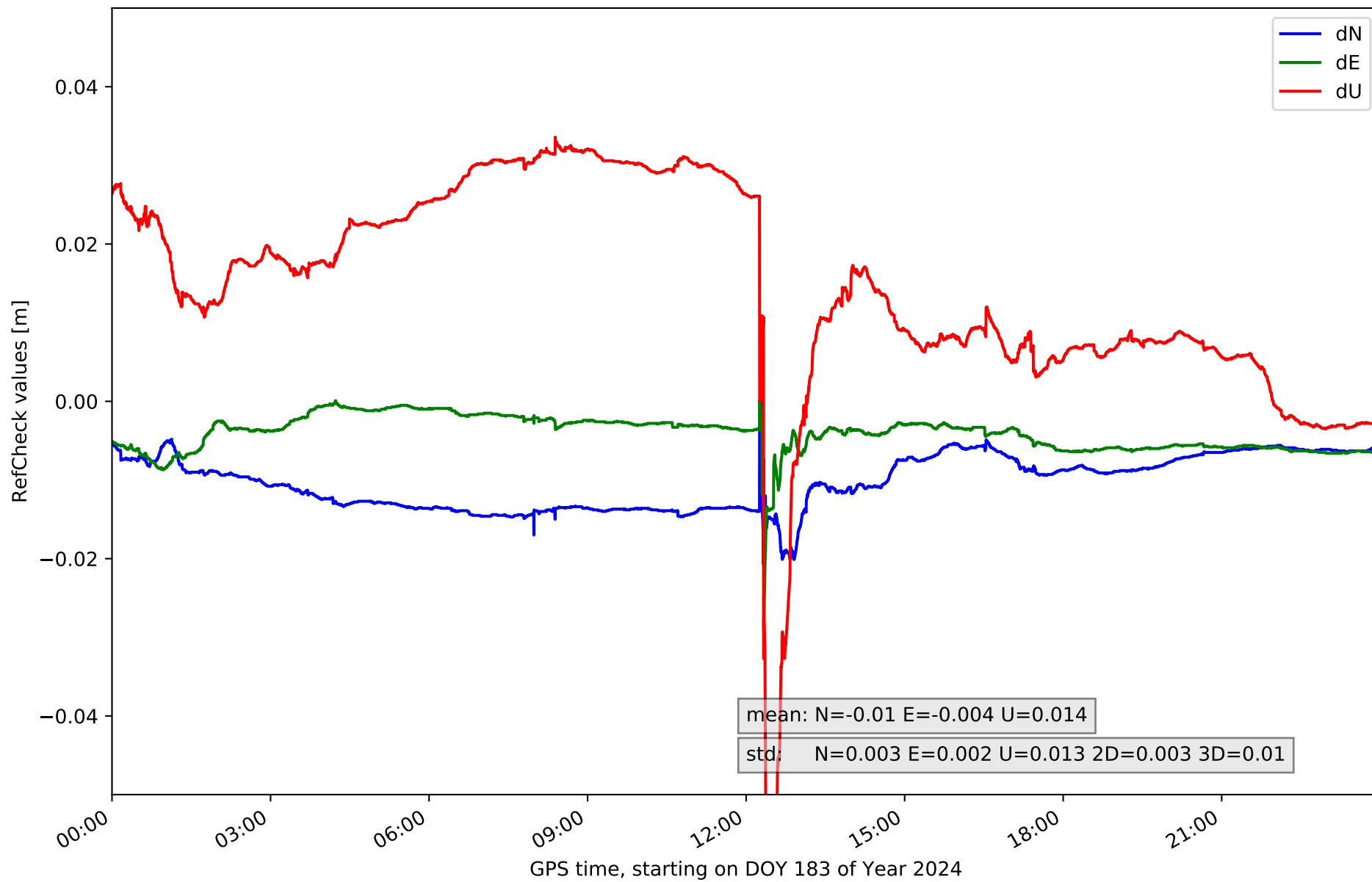
# RefCheck for station SARR in network NT14



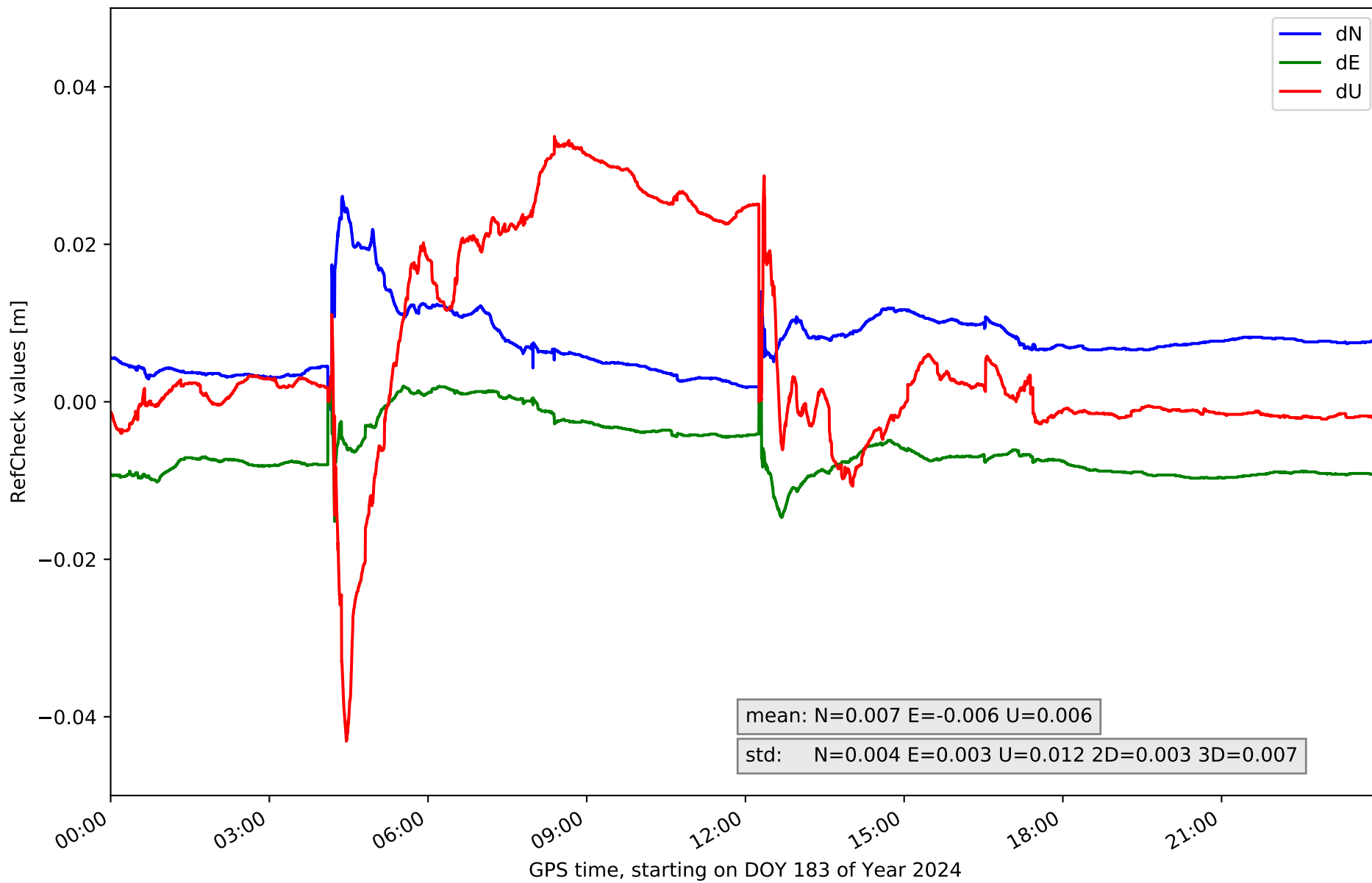
### RefCheck for station TOR0 in network NT14



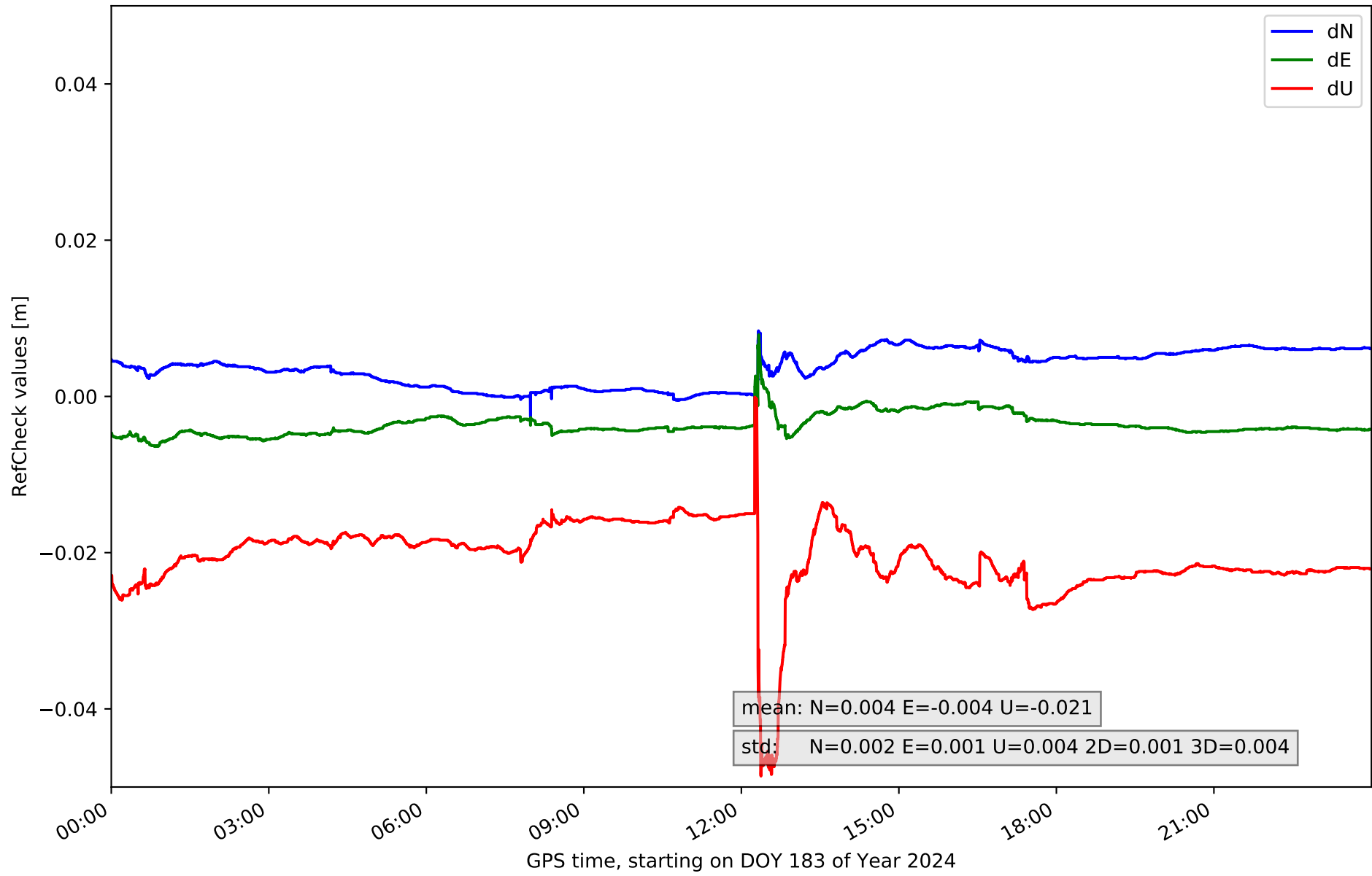
RefCheck for station UTIE in network NT14



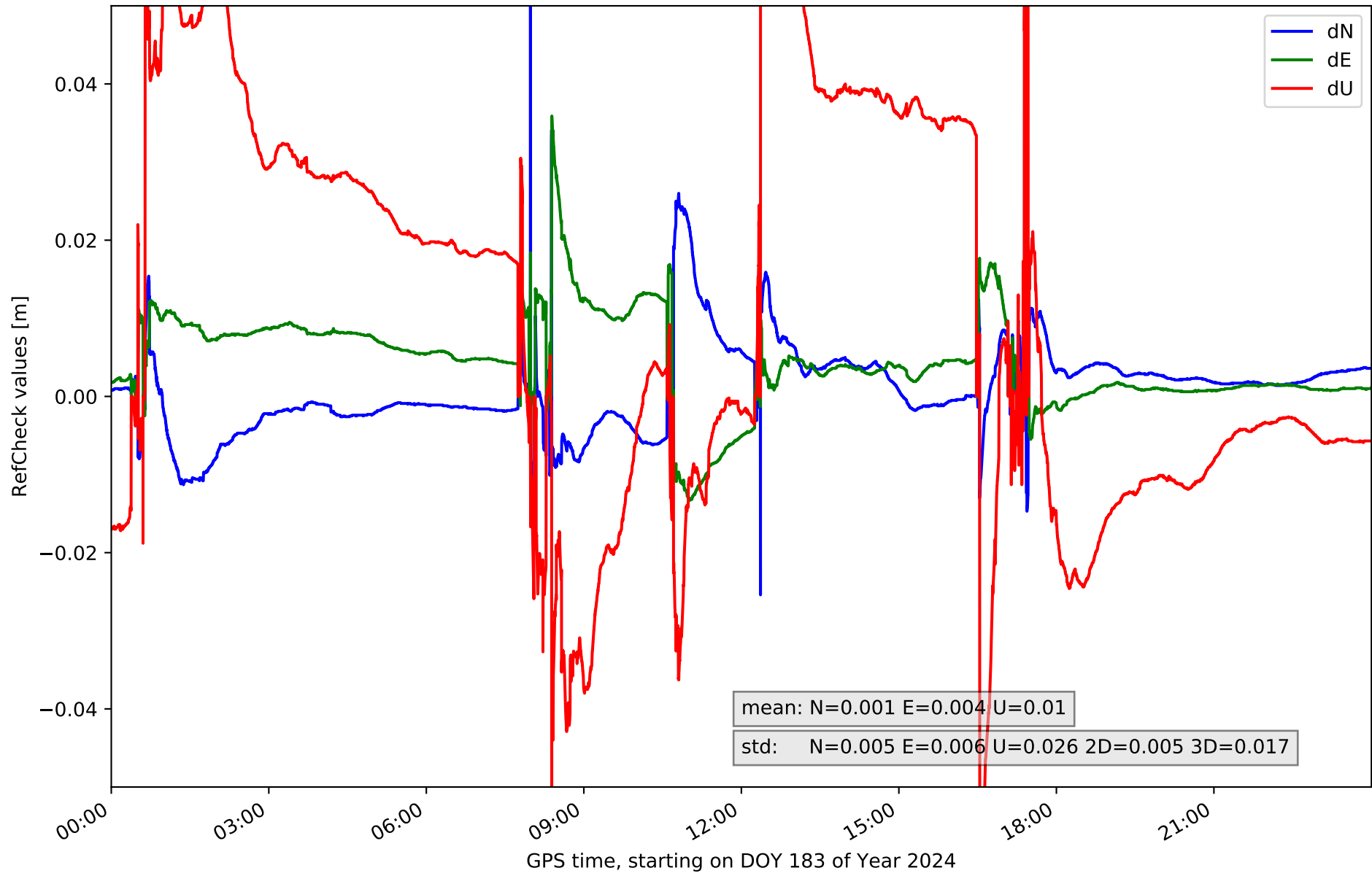
RefCheck for station VALE in network NT14



# RefCheck for station VCIA in network NT14



# RefCheck for station VJOI in network NT14



## RefCheck values for network NT14

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01    | % 2D > 0.01 | #3D > 0.02     | % 3D > 0.02 |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|---------------|-------------|----------------|-------------|
| AIO2           | -0.01         | 0.007        | 0.002        | -0.005        | 0.013        | 0.003        | -0.017        | 0.016        | 0.004        | 0.002        | 0.003        | 845           | 1.4         | 8              | 0.0         |
| ALAC           | -0.005        | 0.011        | 0.002        | -0.011        | 0.0          | 0.002        | -0.021        | 0.015        | 0.005        | 0.001        | 0.003        | 1962          | 3.1         | 349            | 0.6         |
| ALCO           | -0.005        | 0.008        | 0.002        | -0.009        | 0.001        | 0.002        | -0.019        | 0.019        | 0.004        | 0.002        | 0.002        | 351           | 0.6         | 71             | 0.1         |
| ARAS           | -0.008        | 0.007        | 0.002        | -0.006        | 0.007        | 0.003        | -0.022        | 0.021        | 0.014        | 0.001        | 0.006        | 0             | 0.0         | 17450          | 27.9        |
| BORR           | -0.001        | 0.011        | 0.002        | -0.006        | 0.01         | 0.002        | -0.024        | 0.005        | 0.005        | 0.001        | 0.004        | 1015          | 1.6         | 5465           | 8.7         |
| DENI           | -0.018        | 0.002        | 0.002        | -0.002        | 0.015        | 0.002        | -0.048        | 0.007        | 0.009        | 0.002        | 0.007        | 1042          | 1.7         | 5666           | 9.1         |
| IEJA           | -0.008        | 0.004        | 0.002        | 0.0           | 0.019        | 0.004        | -0.017        | 0.039        | 0.015        | 0.004        | 0.006        | 13009         | 20.8        | 8351           | 13.4        |
| JUMA           | -0.025        | 0.012        | 0.004        | -0.008        | 0.01         | 0.003        | -0.011        | 0.065        | 0.008        | 0.002        | 0.006        | 751           | 1.2         | 4620           | 7.4         |
| PENI           | -0.007        | 0.015        | 0.002        | -0.01         | 0.01         | 0.005        | -0.051        | 0.052        | 0.027        | 0.002        | 0.012        | 287           | 0.5         | 33771          | 54.0        |
| SARR           | -0.006        | 0.014        | 0.003        | -0.004        | 0.007        | 0.003        | -0.028        | 0.032        | 0.011        | 0.002        | 0.008        | 753           | 1.2         | 28455          | 45.5        |
| TORO           | -0.005        | 0.006        | 0.002        | -0.005        | 0.009        | 0.001        | -0.008        | 0.047        | 0.004        | 0.002        | 0.004        | 6             | 0.0         | 391            | 0.6         |
| UTIE           | -0.021        | 0.001        | 0.003        | -0.029        | 0.0          | 0.002        | -0.067        | 0.034        | 0.013        | 0.003        | 0.01         | 37386         | 59.8        | 28128          | 45.0        |
| VALE           | -0.001        | 0.026        | 0.004        | -0.015        | 0.003        | 0.003        | -0.043        | 0.034        | 0.012        | 0.003        | 0.007        | 40354         | 64.6        | 16309          | 26.1        |
| VCIA           | -0.004        | 0.008        | 0.002        | -0.006        | 0.008        | 0.001        | -0.049        | -0.0         | 0.004        | 0.001        | 0.004        | 40            | 0.1         | 38579          | 61.7        |
| VJOI           | -0.025        | 0.069        | 0.005        | -0.013        | 0.036        | 0.006        | -0.066        | 0.134        | 0.026        | 0.005        | 0.017        | 15169         | 24.3        | 32153          | 51.5        |
| <b>Mean</b>    | <b>-0.01</b>  | <b>0.013</b> | <b>0.003</b> | <b>-0.009</b> | <b>0.01</b>  | <b>0.003</b> | <b>-0.033</b> | <b>0.035</b> | <b>0.011</b> | <b>0.002</b> | <b>0.007</b> | <b>7531.3</b> | <b>12.1</b> | <b>14651.1</b> | <b>23.4</b> |
| <b>Min/Max</b> | <b>-0.025</b> | <b>0.069</b> | <b>0.005</b> | <b>-0.029</b> | <b>0.036</b> | <b>0.006</b> | <b>-0.067</b> | <b>0.134</b> | <b>0.027</b> | <b>0.005</b> | <b>0.017</b> | <b>40354</b>  | <b>64.6</b> | <b>38579</b>   | <b>61.7</b> |



fixing statistic for network NT14

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 90.6     | 93.1 | 88.6 | 93.1 | 87.1 |
| considering satellites with dual-frequency fixed | 85.6     | 89.2 | 79.7 | 87.8 | 83.7 |
| considering all signals separately               | 85.6     | 89.0 | 79.7 | 88.0 | 82.1 |