

## summary for network NT12

timeperiod chosen: from 2024-07-20-00:00:00 until 2024-07-20-23:59:57

average update rate (durations larger than 15 seconds considered as observation gap): 2.1 seconds

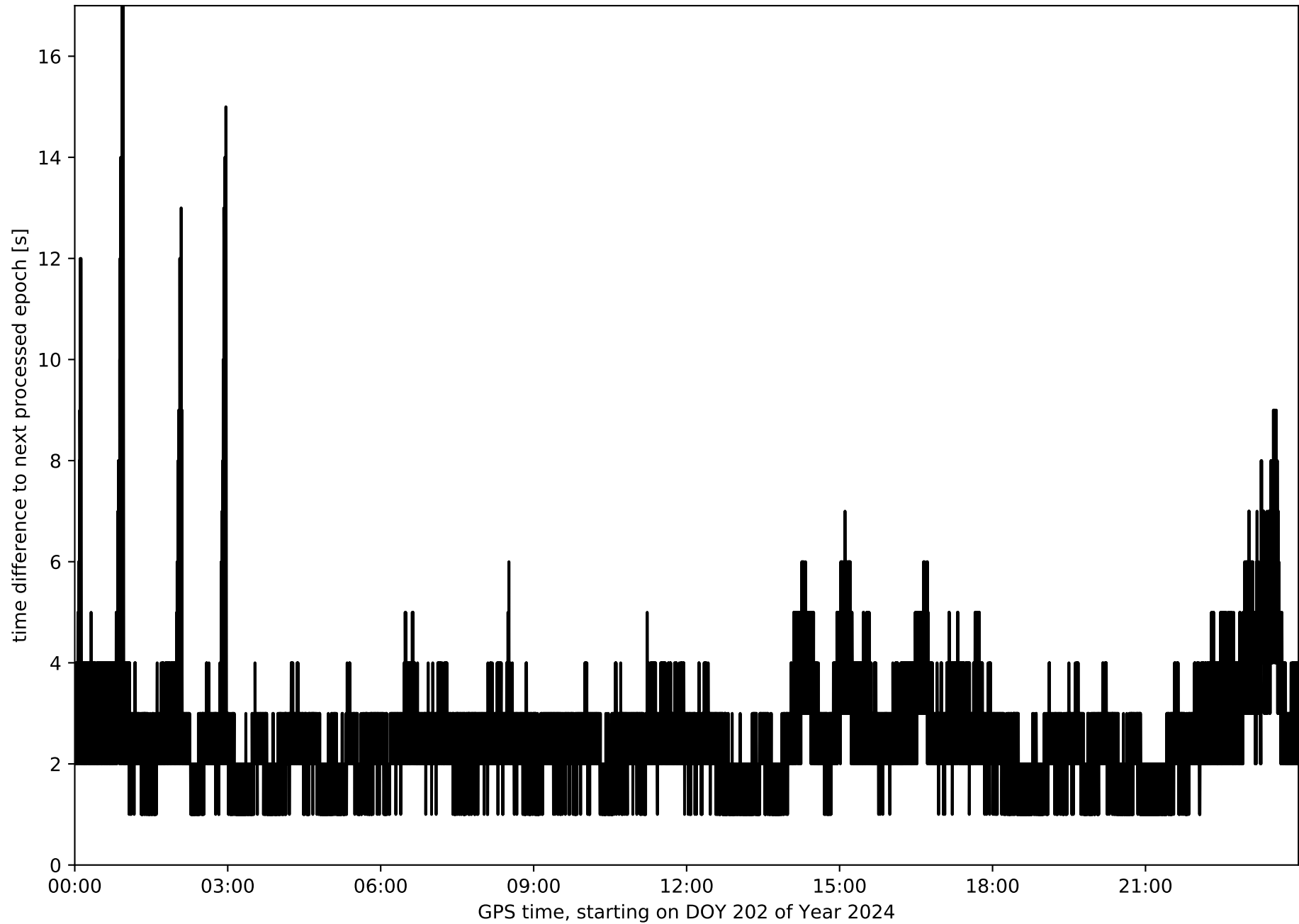
average fixing percentage with threshold set to 0.3: 84.2 percent

stations available: 18 of 18

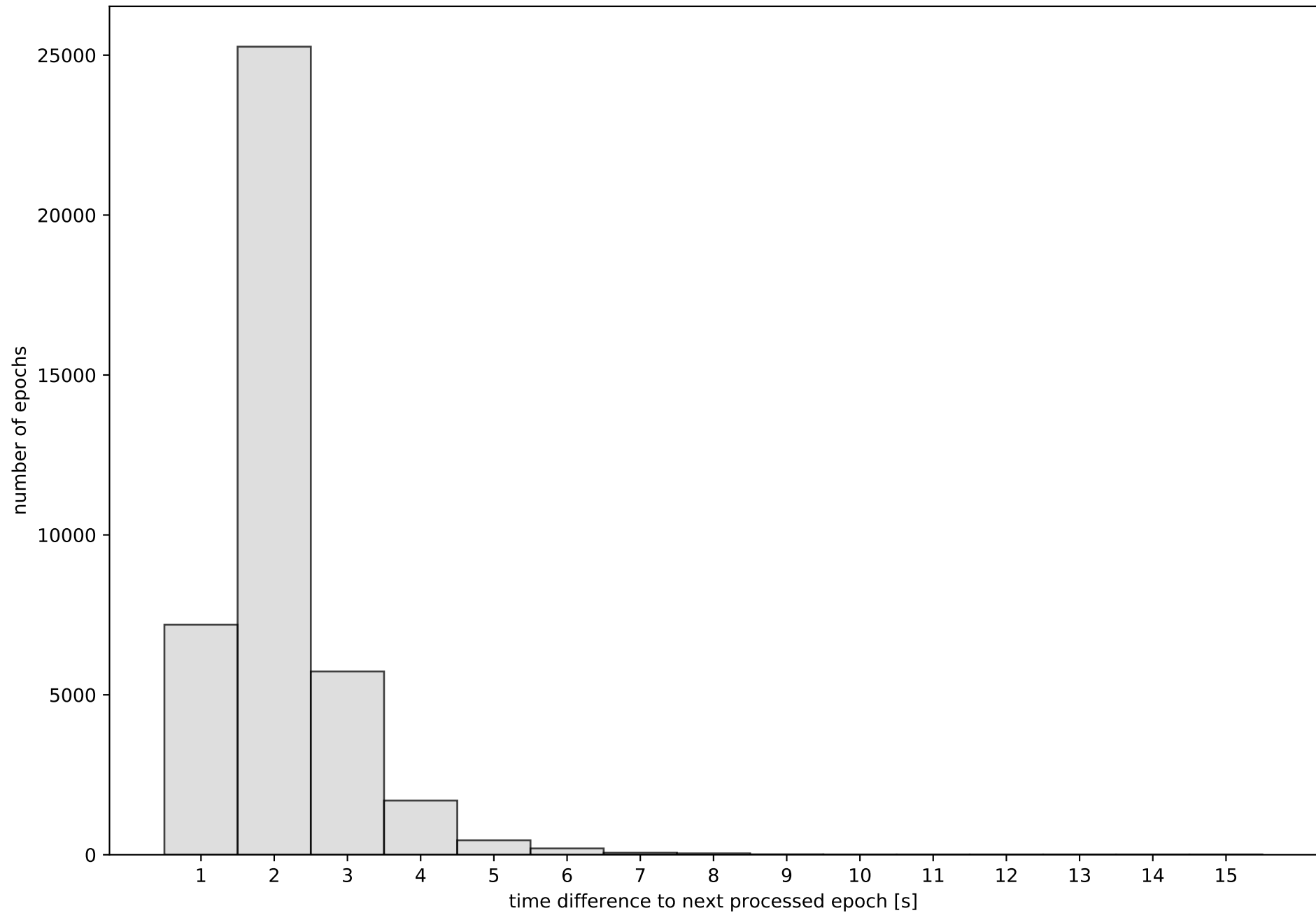
station information:

|               |                         |      |                         |                  |
|---------------|-------------------------|------|-------------------------|------------------|
| station ABAN: | antenna: LEIAR25        | LEIT | receiver: LEICA GR30    | height: 207.768  |
| station ALME: | antenna: TRM29659.00    | NONE | receiver: TRIMBLE NETR9 | height: 130.543  |
| station AND2: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 284.274  |
| station CAAL: | antenna: LEIAR10        | NONE | receiver: LEICA GR25    | height: 2210.774 |
| station CABP: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 57.436   |
| station CARG: | antenna: LEIAR20        | LEIM | receiver: LEICA GR25    | height: 57.381   |
| station CARV: | antenna: LEIAR25        | LEIT | receiver: LEICA GR50    | height: 902.41   |
| station CDCR: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 1331.71  |
| station GRA1: | antenna: LEIAT504       | LEIS | receiver: LEICA GR50    | height: 823.255  |
| station HUOV: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 352.192  |
| station JUMA: | antenna: LEIAR20        | LEIM | receiver: LEICA GR30    | height: 610.246  |
| station MAZA: | antenna: LEIAR25        | LEIT | receiver: LEICA GR30    | height: 105.096  |
| station MUL1: | antenna: LEIAR25        | LEIT | receiver: LEICA GR30    | height: 332.101  |
| station MURC: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 125.201  |
| station PALC: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 916.939  |
| station TOR0: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30    | height: 64.679   |
| station UJAE: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 527.754  |
| station VICA: | antenna: LEIAR20        | LEIM | receiver: LEICA GR25    | height: 852.502  |

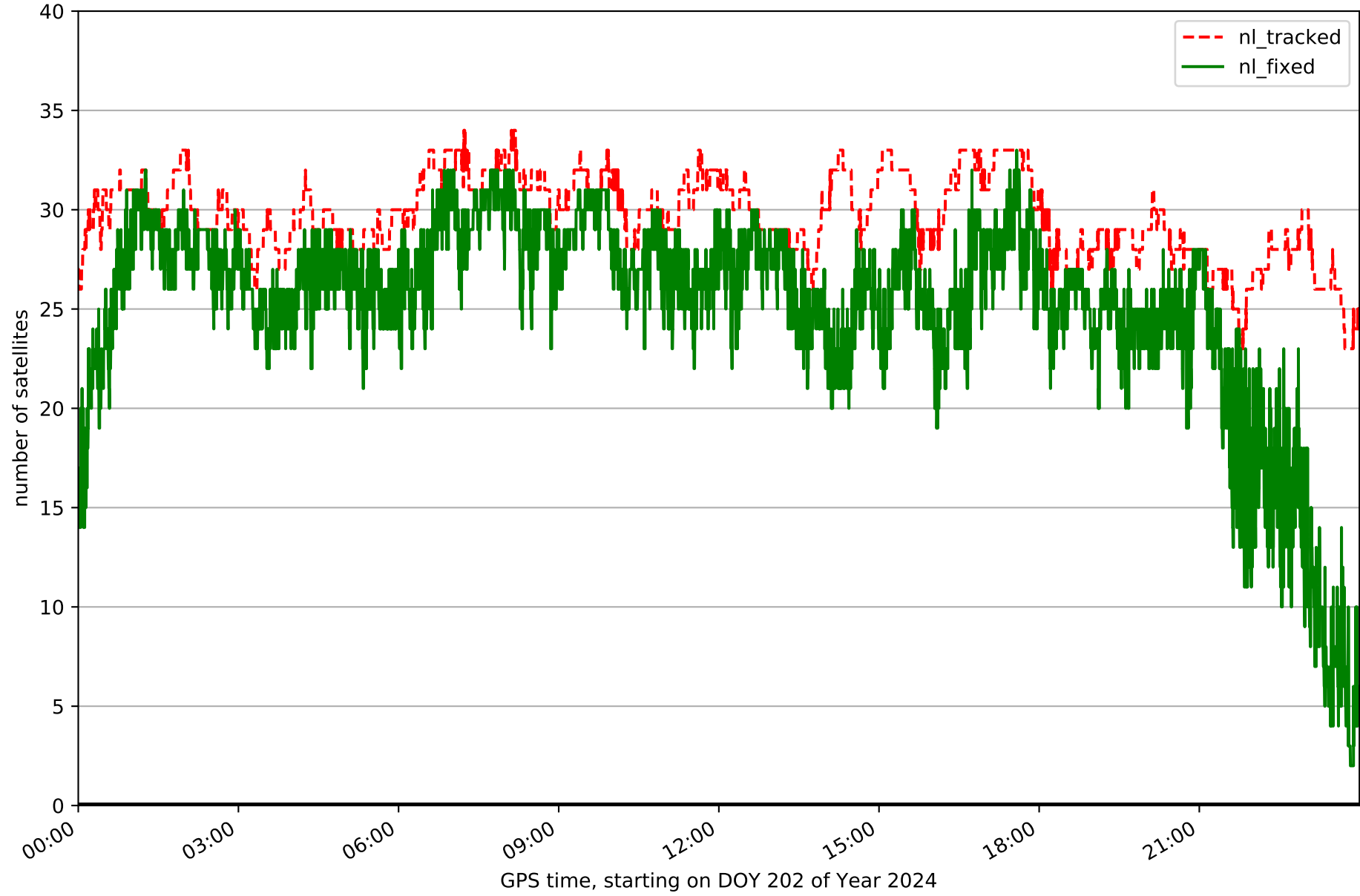
Processing rate in network NT12



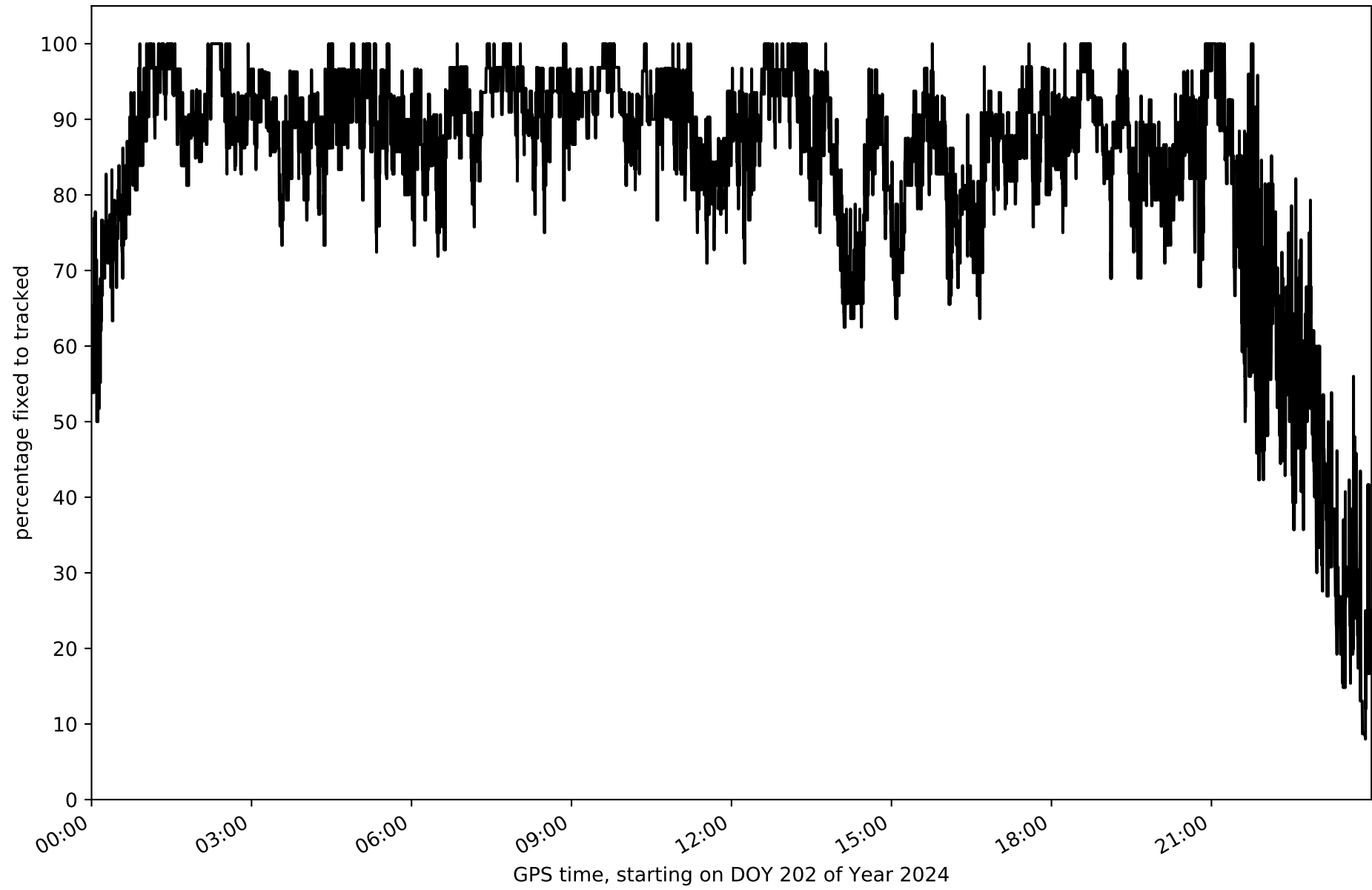
Histogram of the processing rate in network NT12 (durations larger 15 seconds neglected)



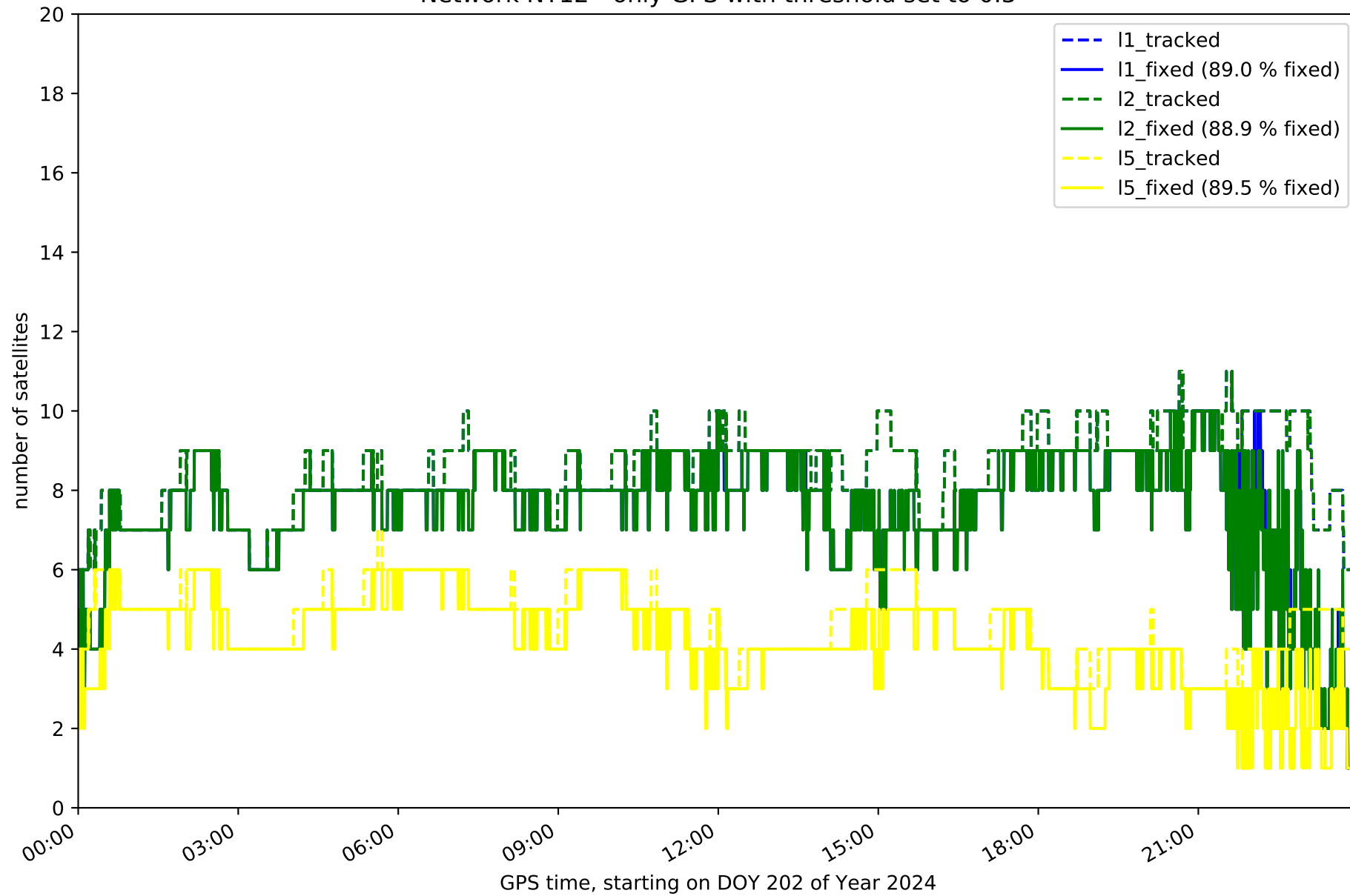
Network NT12 with threshold set to 0.3



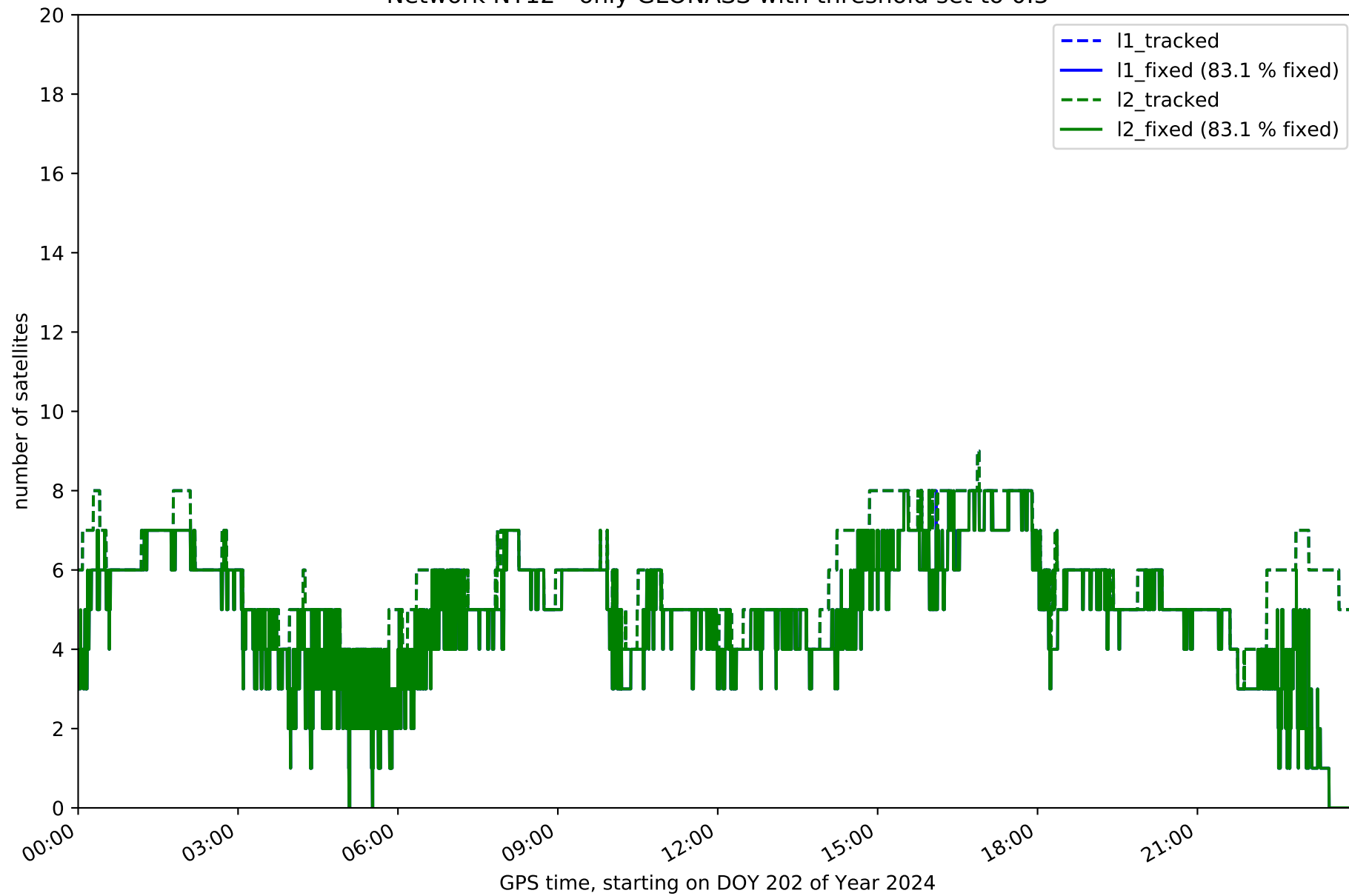
Fixing percentage of satellites in network NT12 with threshold set to 0.3



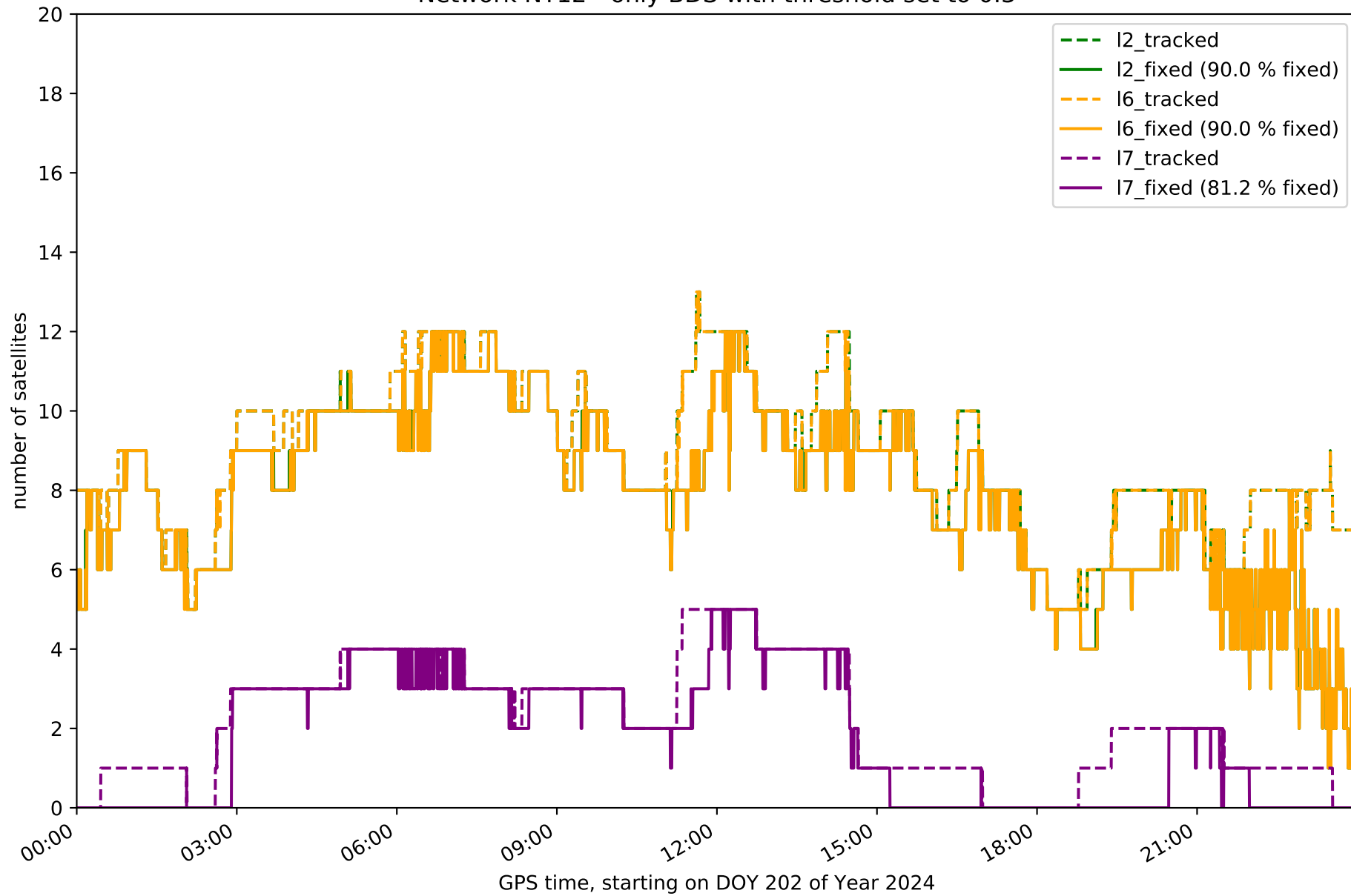
Network NT12 - only GPS with threshold set to 0.3



Network NT12 - only GLONASS with threshold set to 0.3

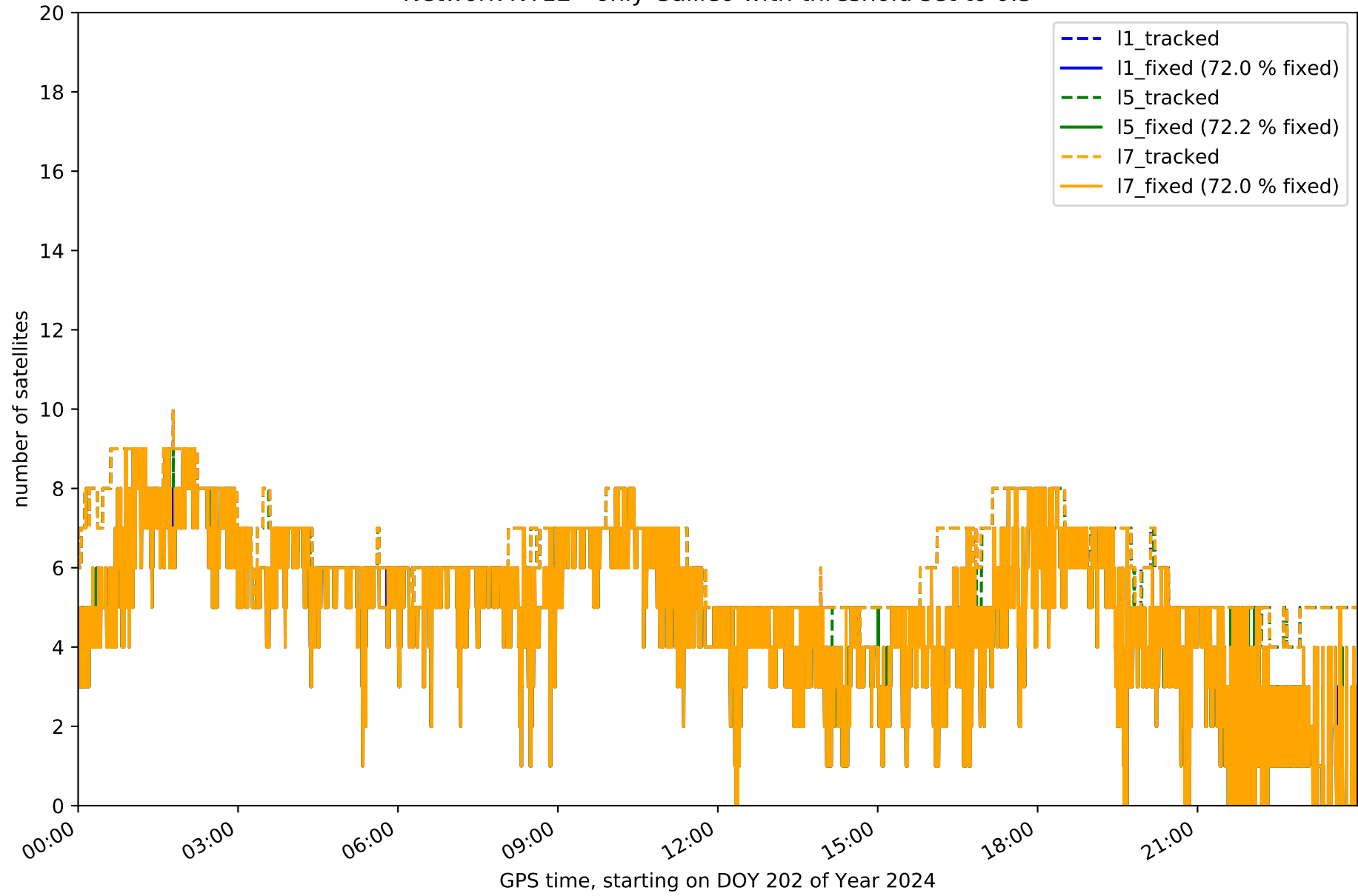


Network NT12 - only BDS with threshold set to 0.3

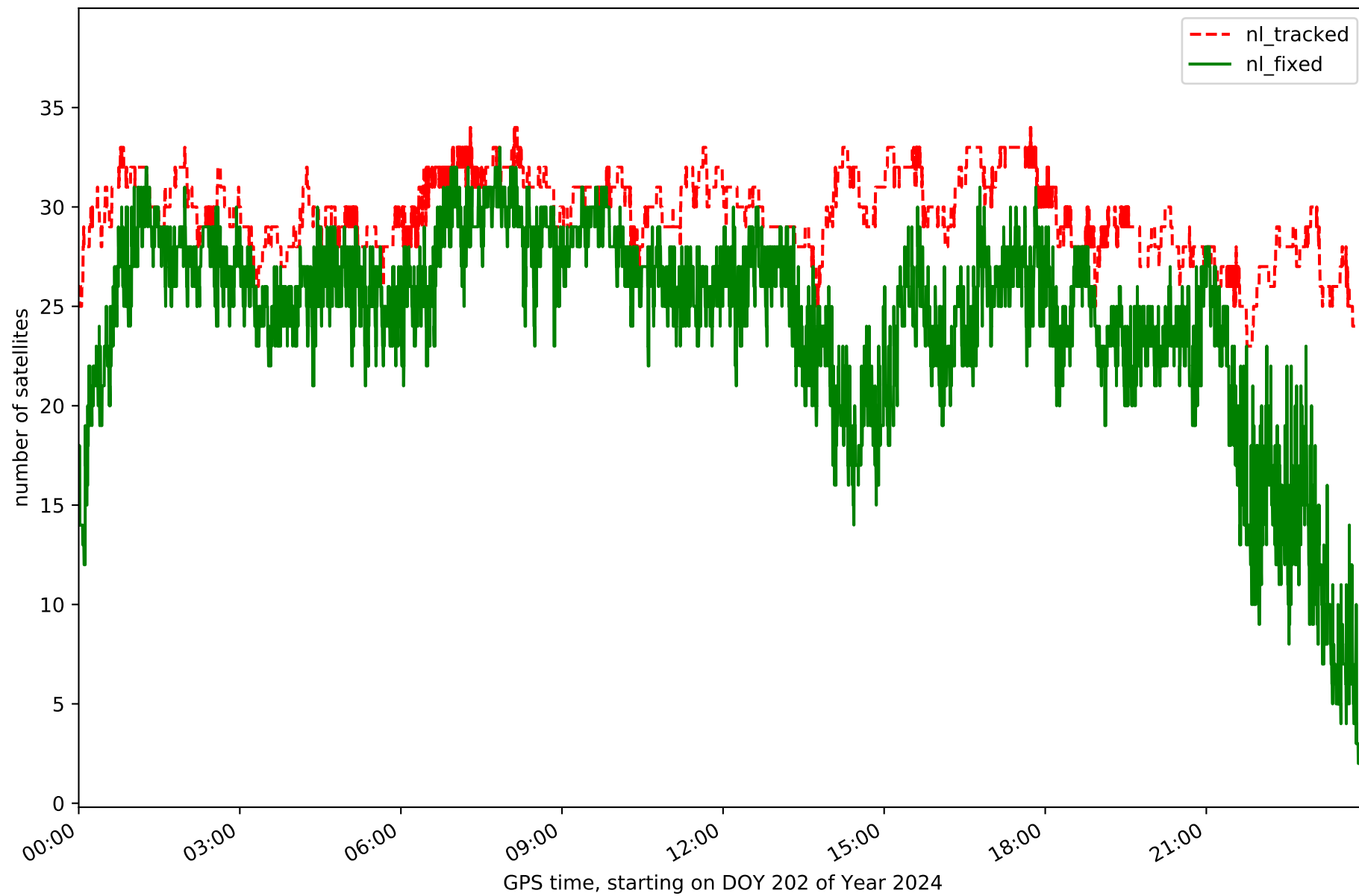




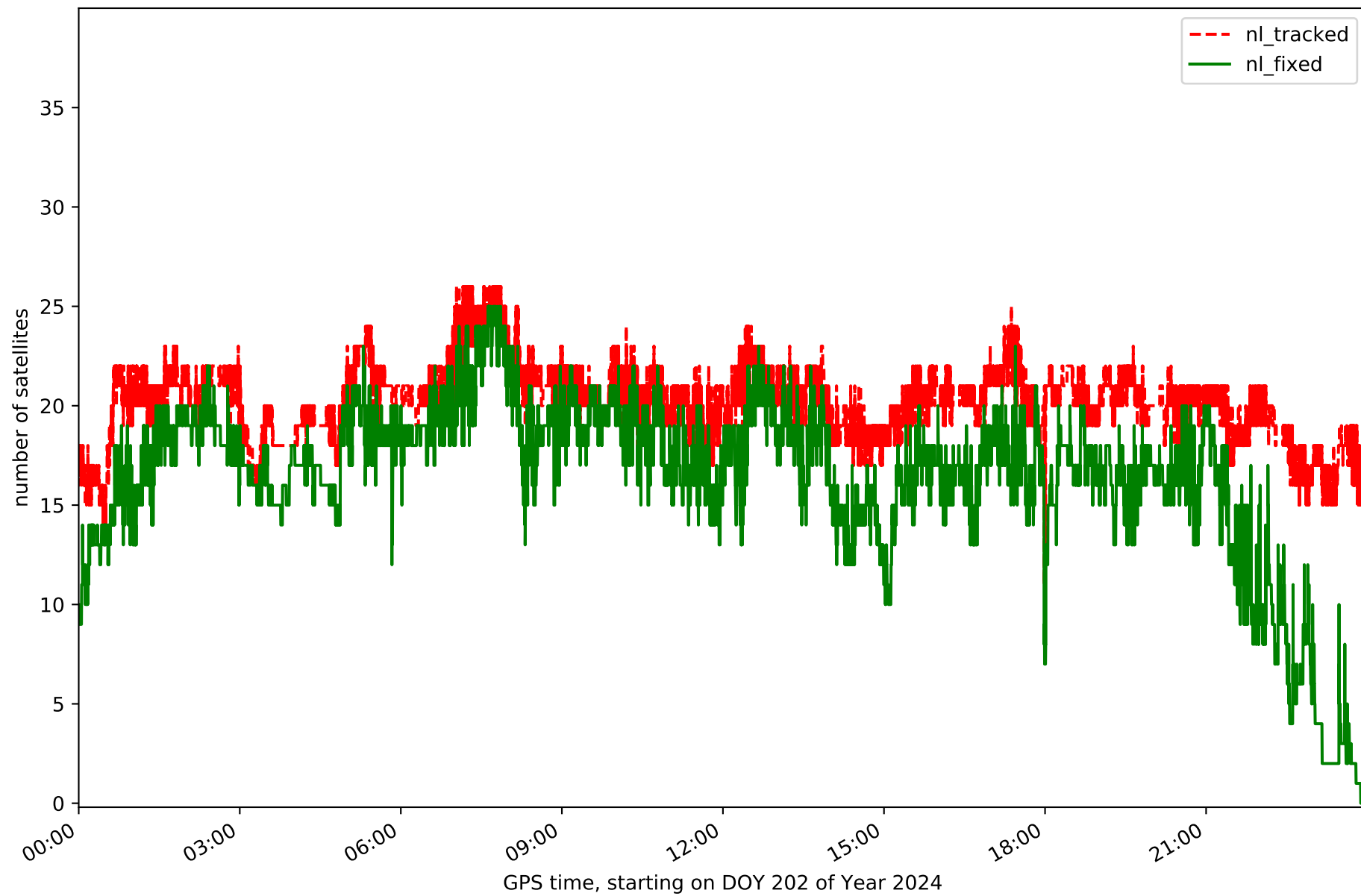
Network NT12 - only Galileo with threshold set to 0.3



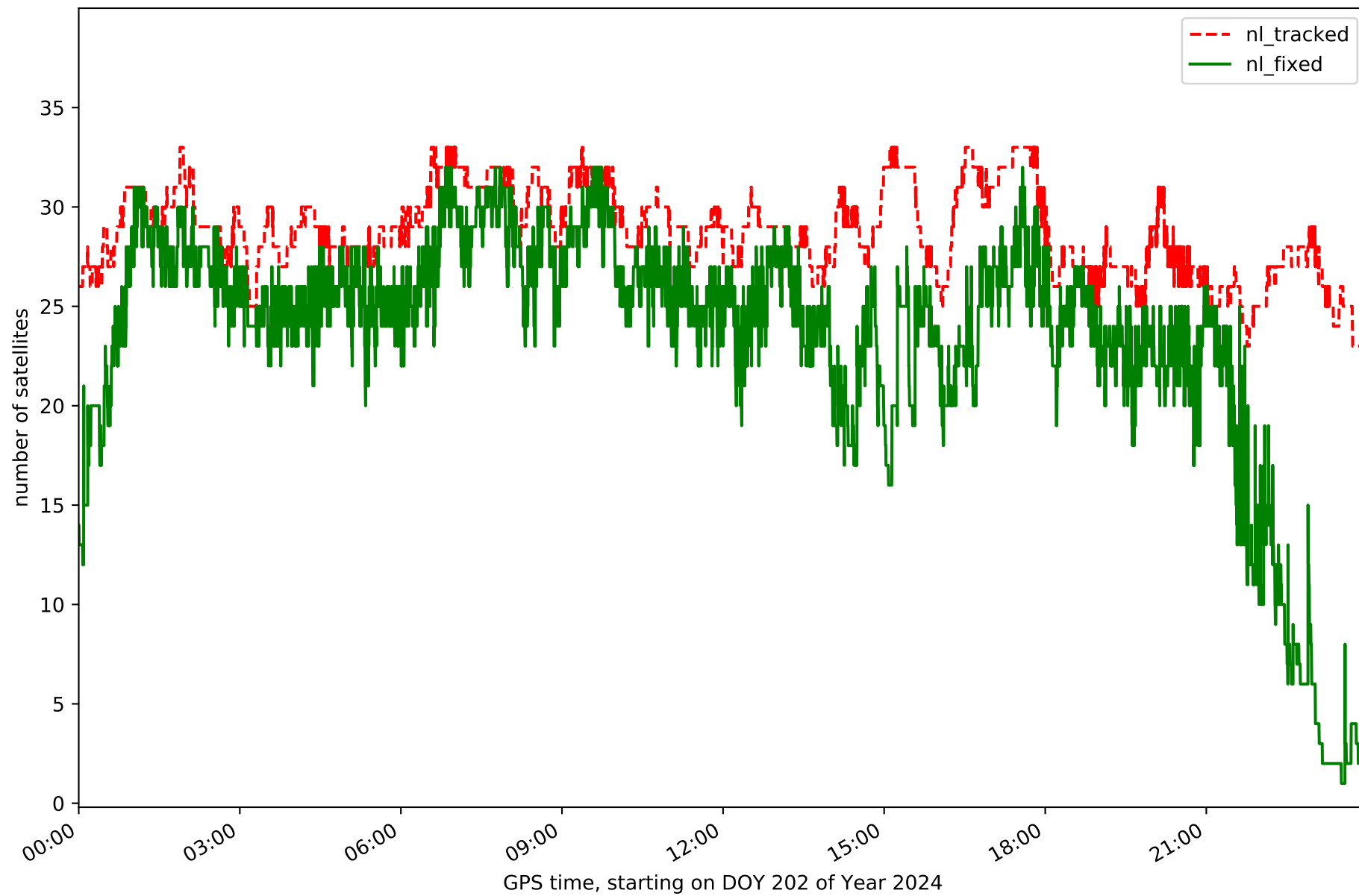
Station ABAN in network NT12



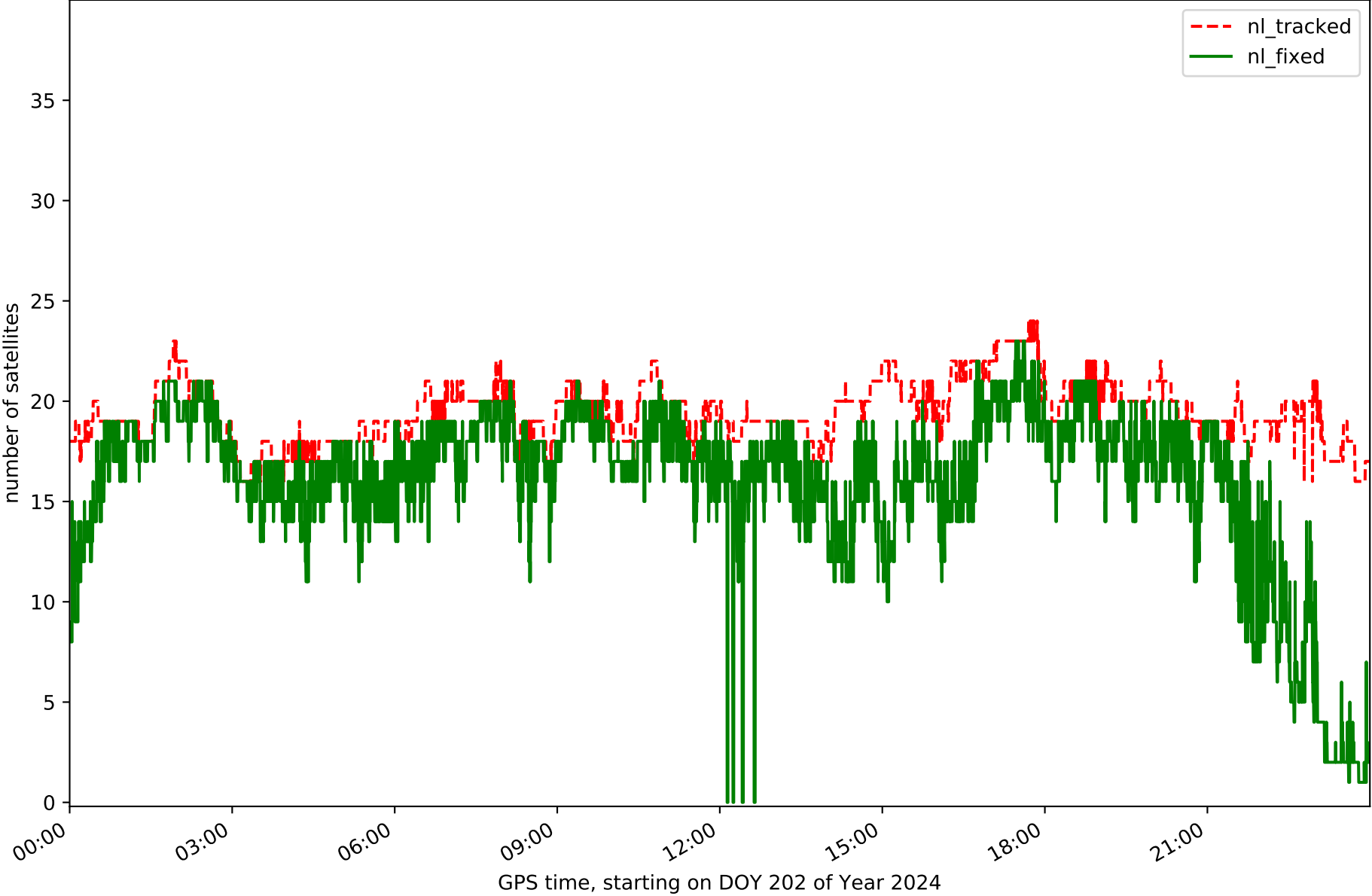
Station ALME in network NT12



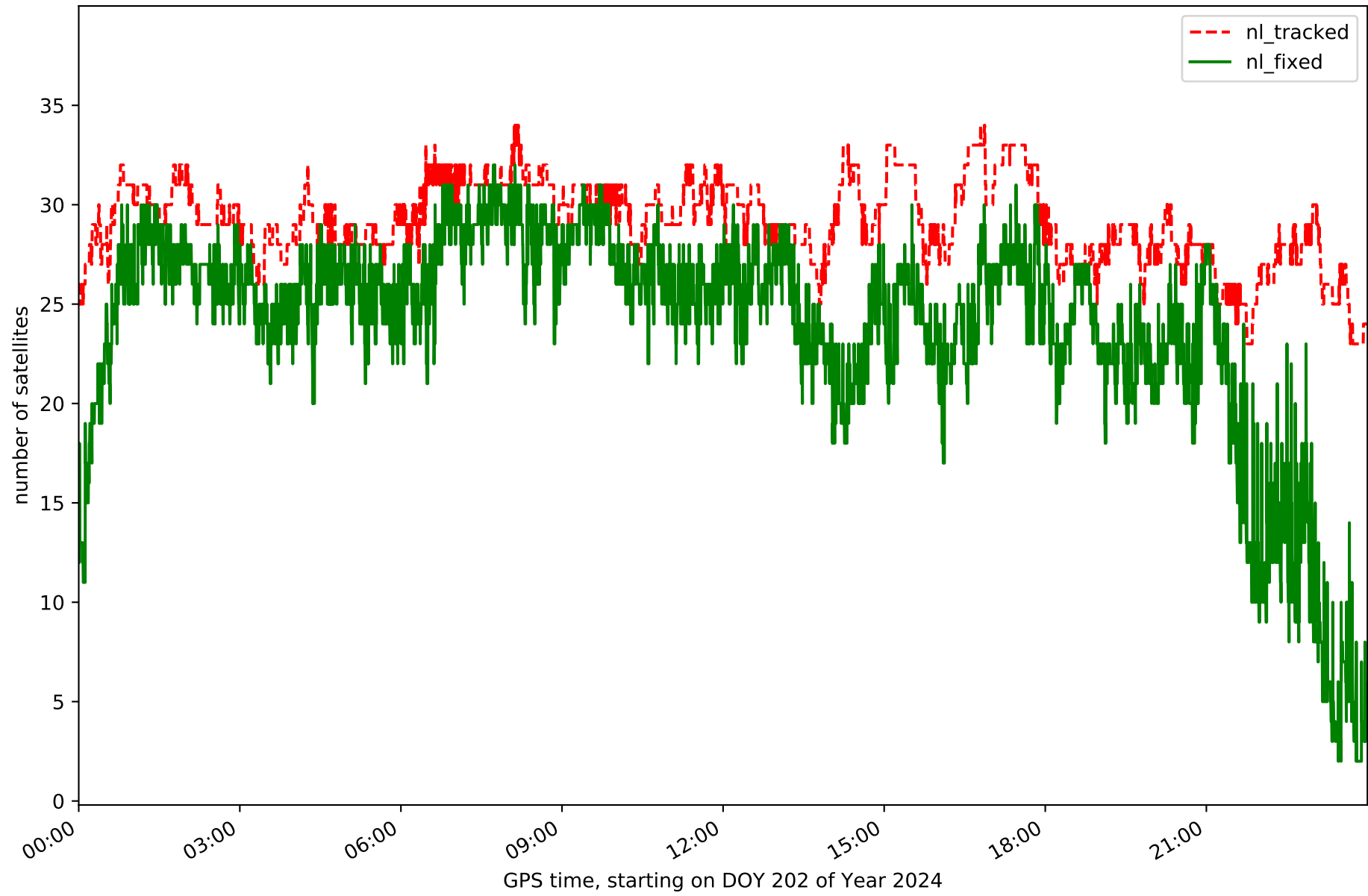
Station AND2 in network NT12



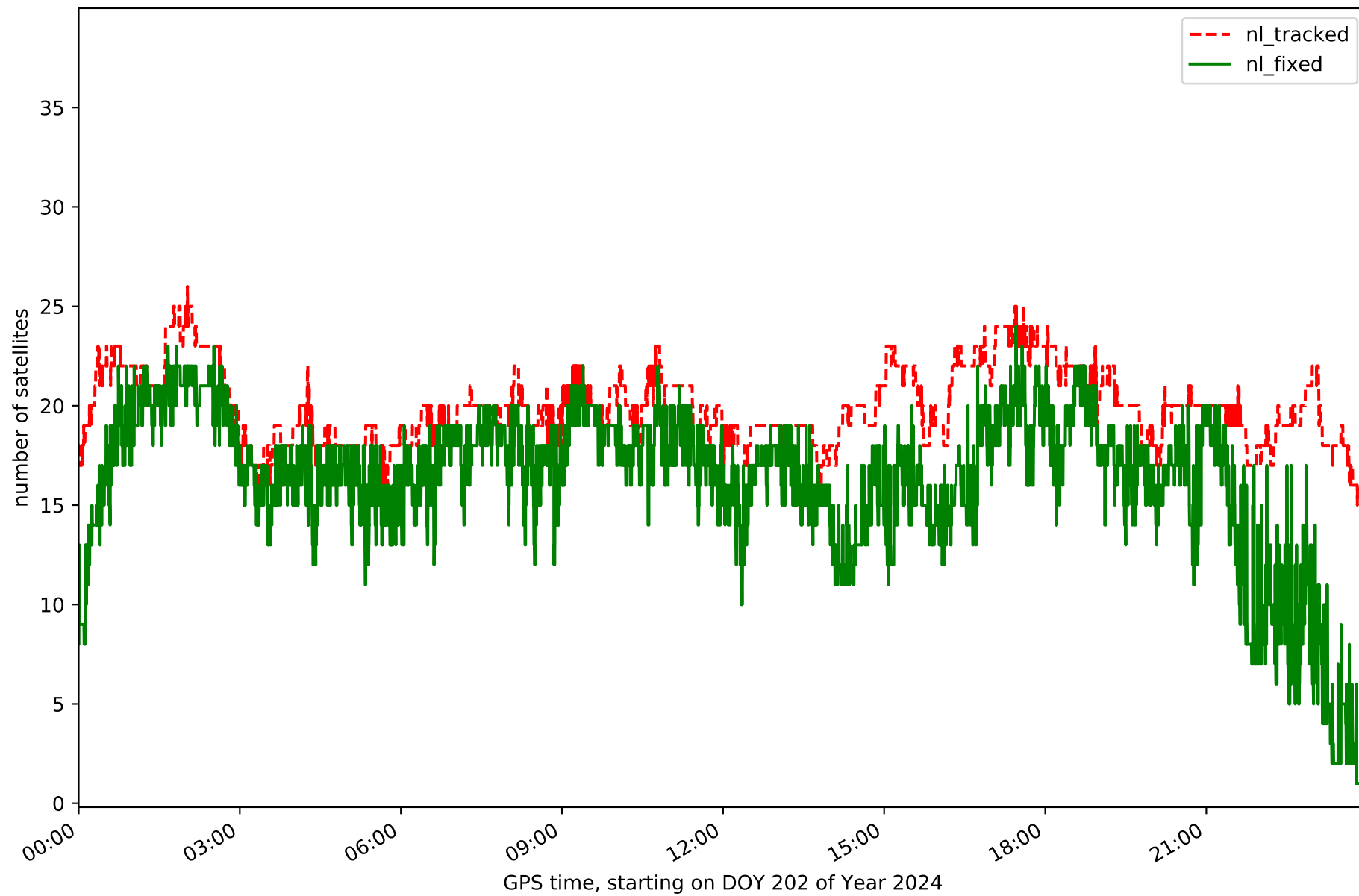
Station CAAL in network NT12



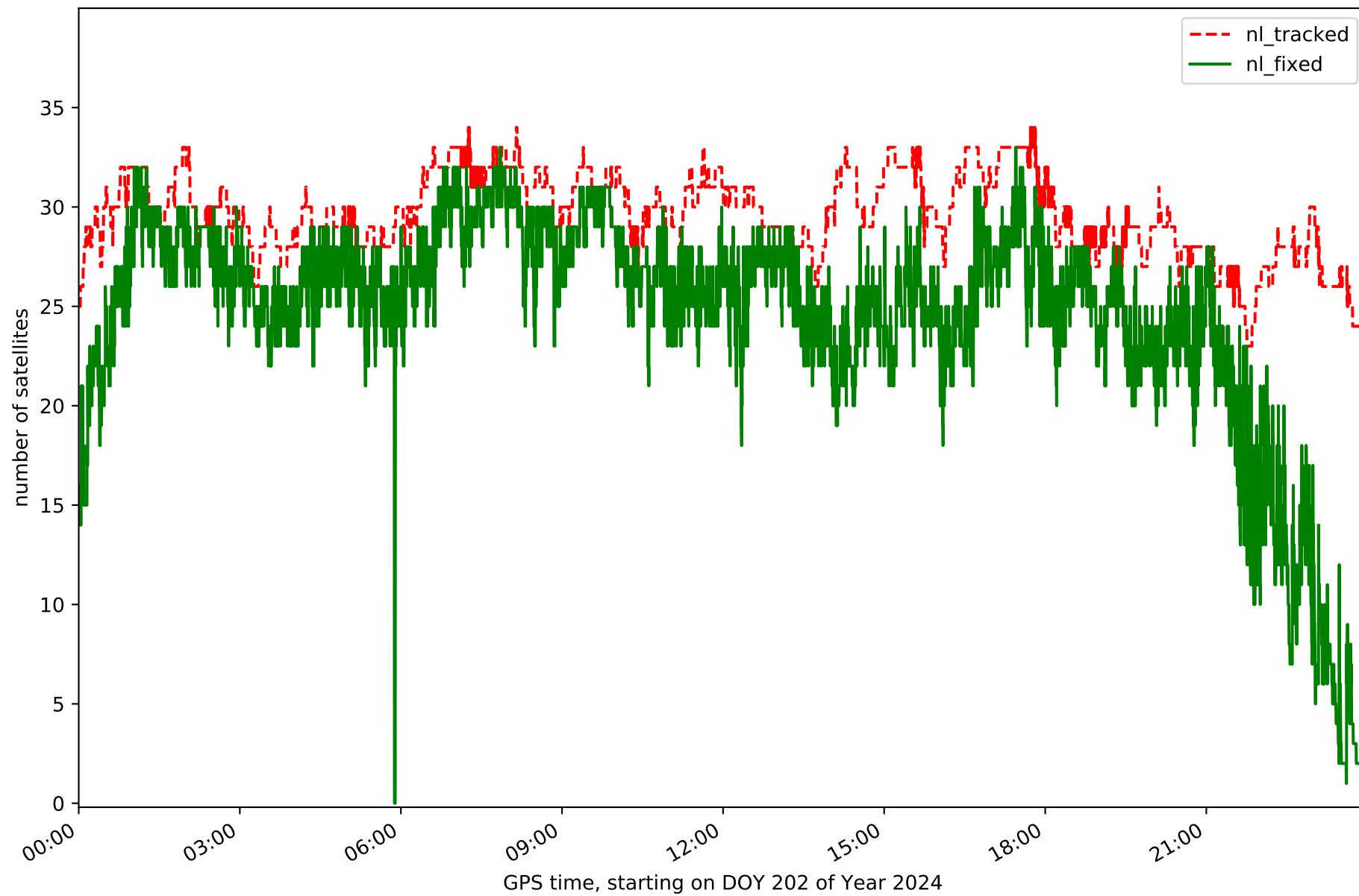
Station CABP in network NT12



Station CARG in network NT12

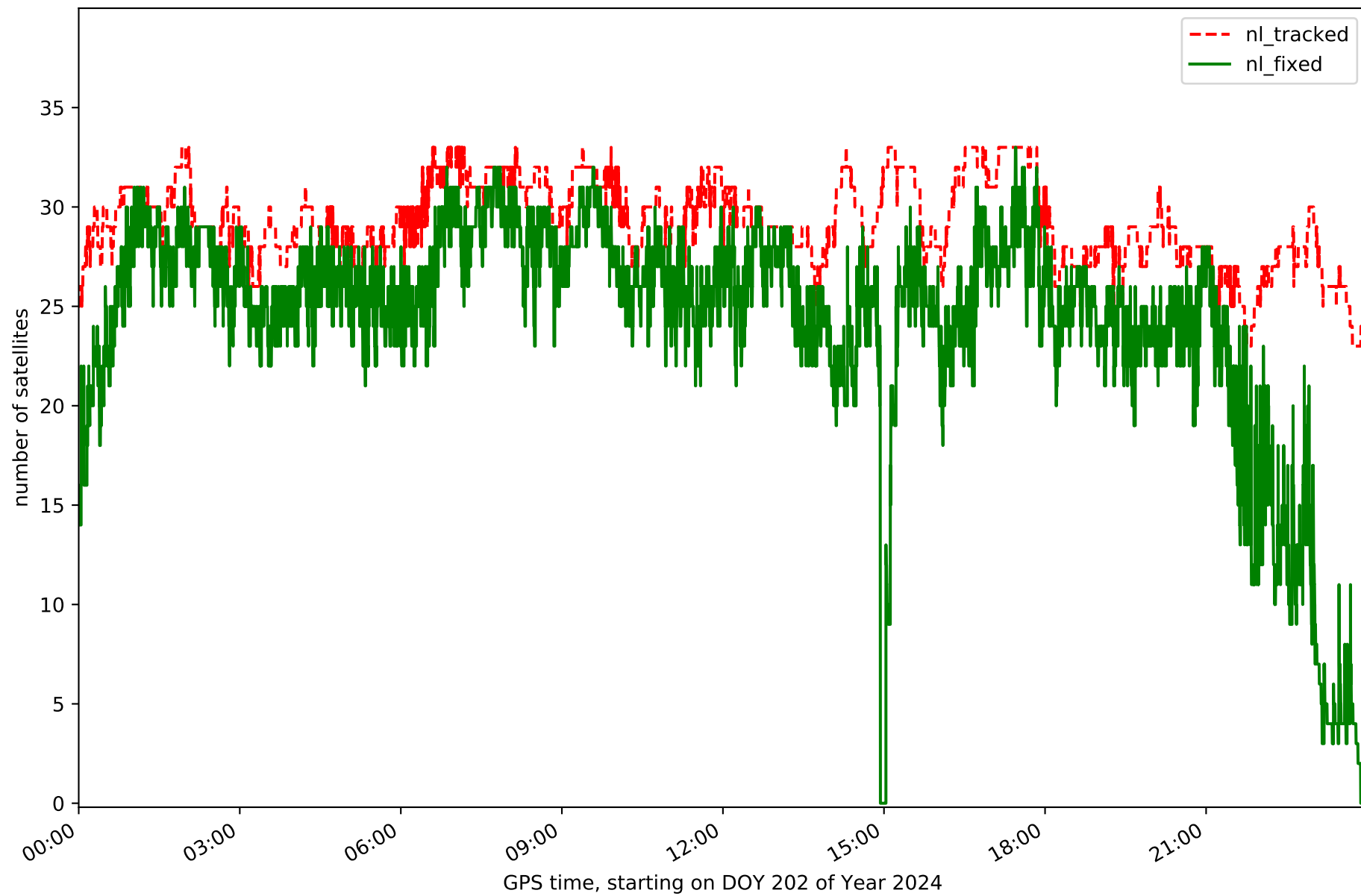


Station CARV in network NT12

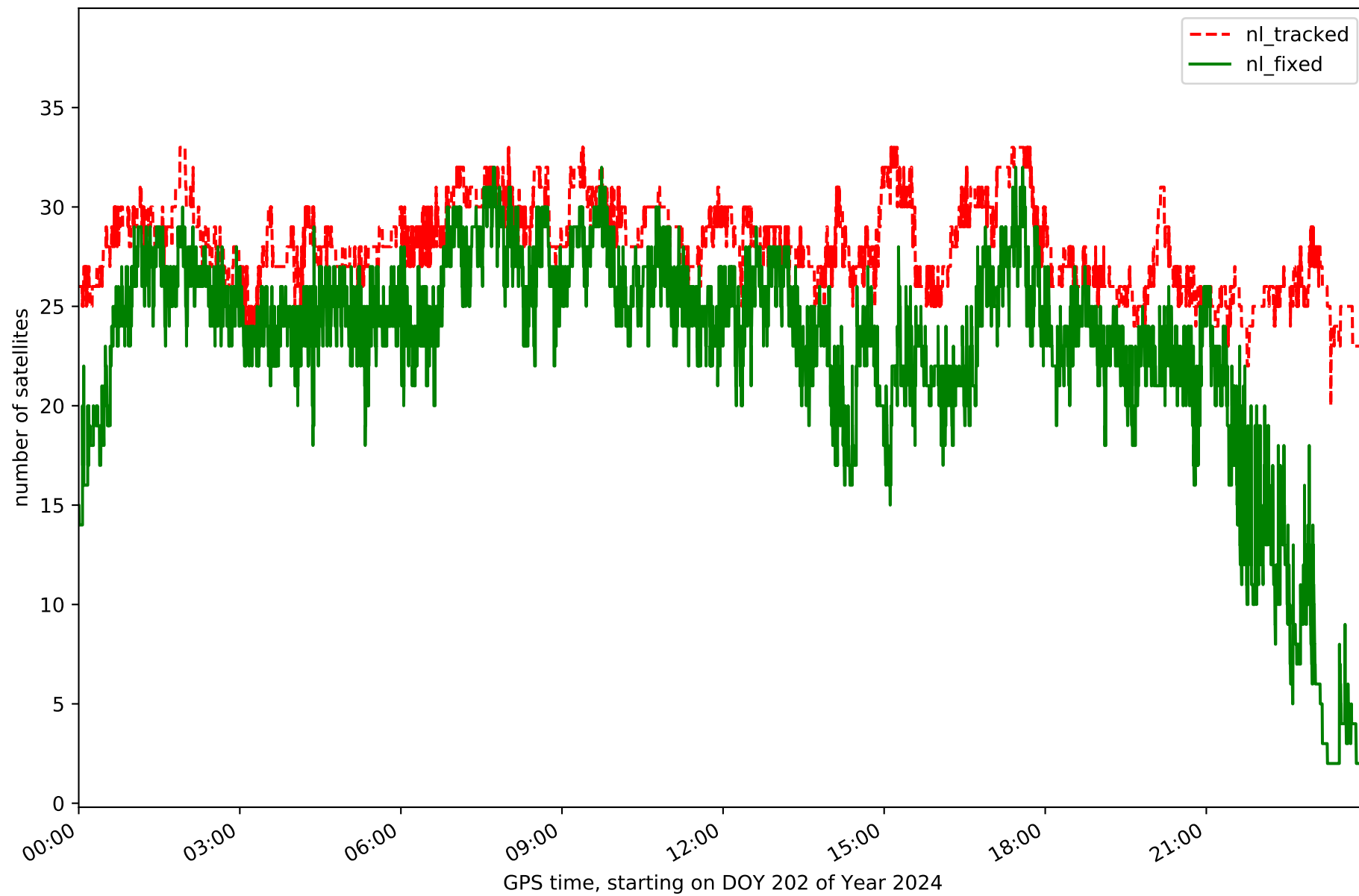




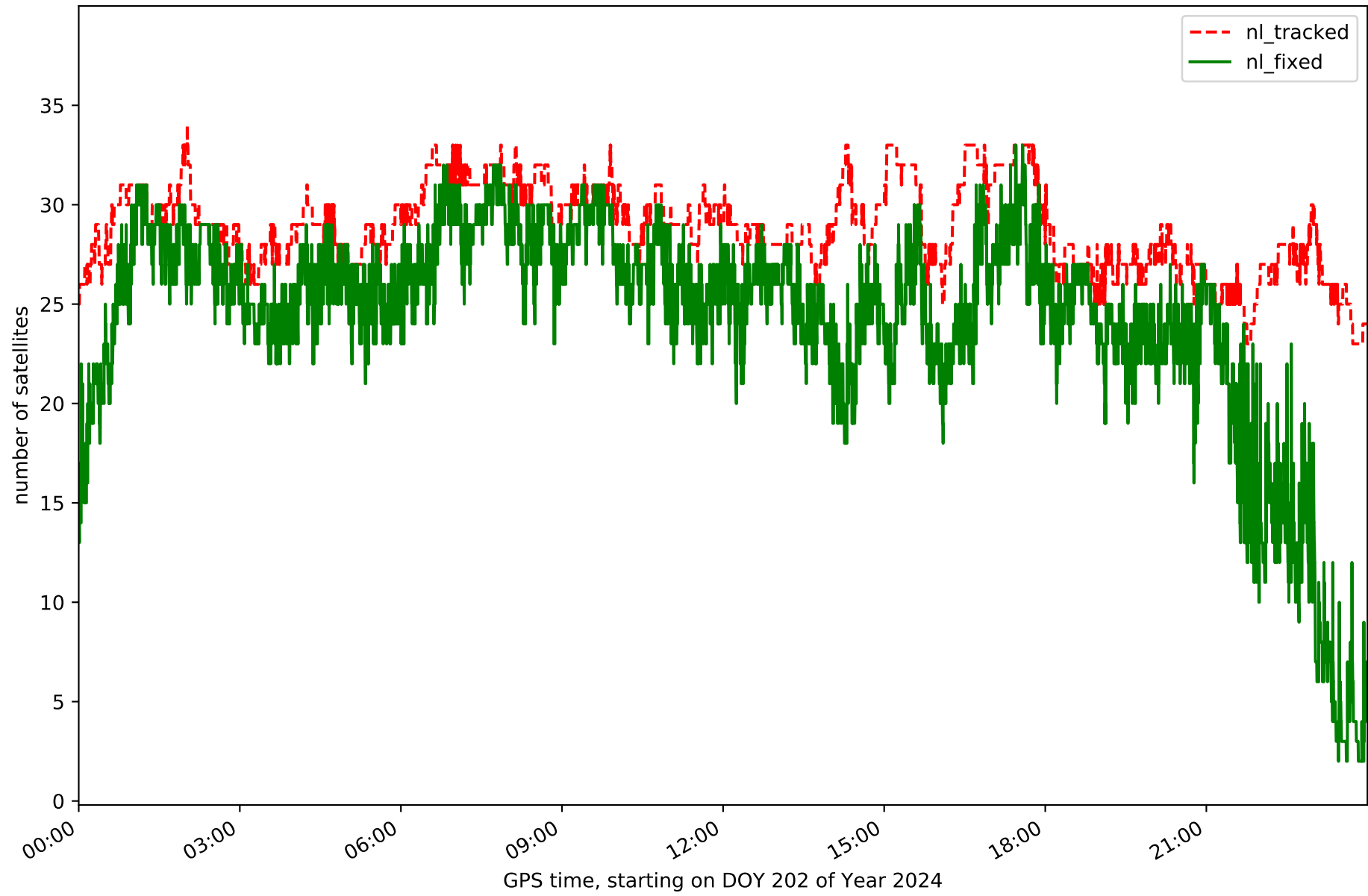
Station CDCR in network NT12



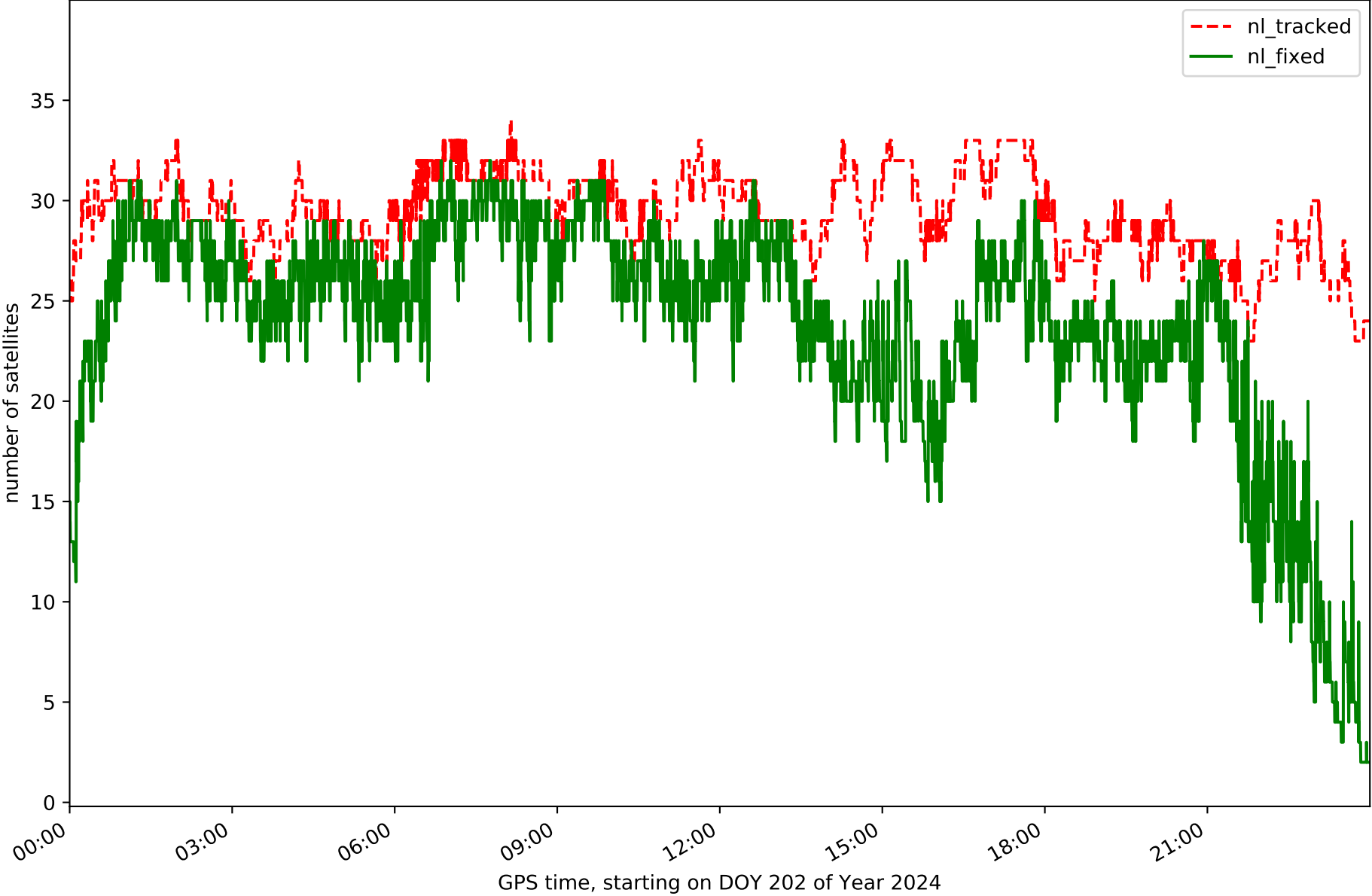
Station GRA1 in network NT12



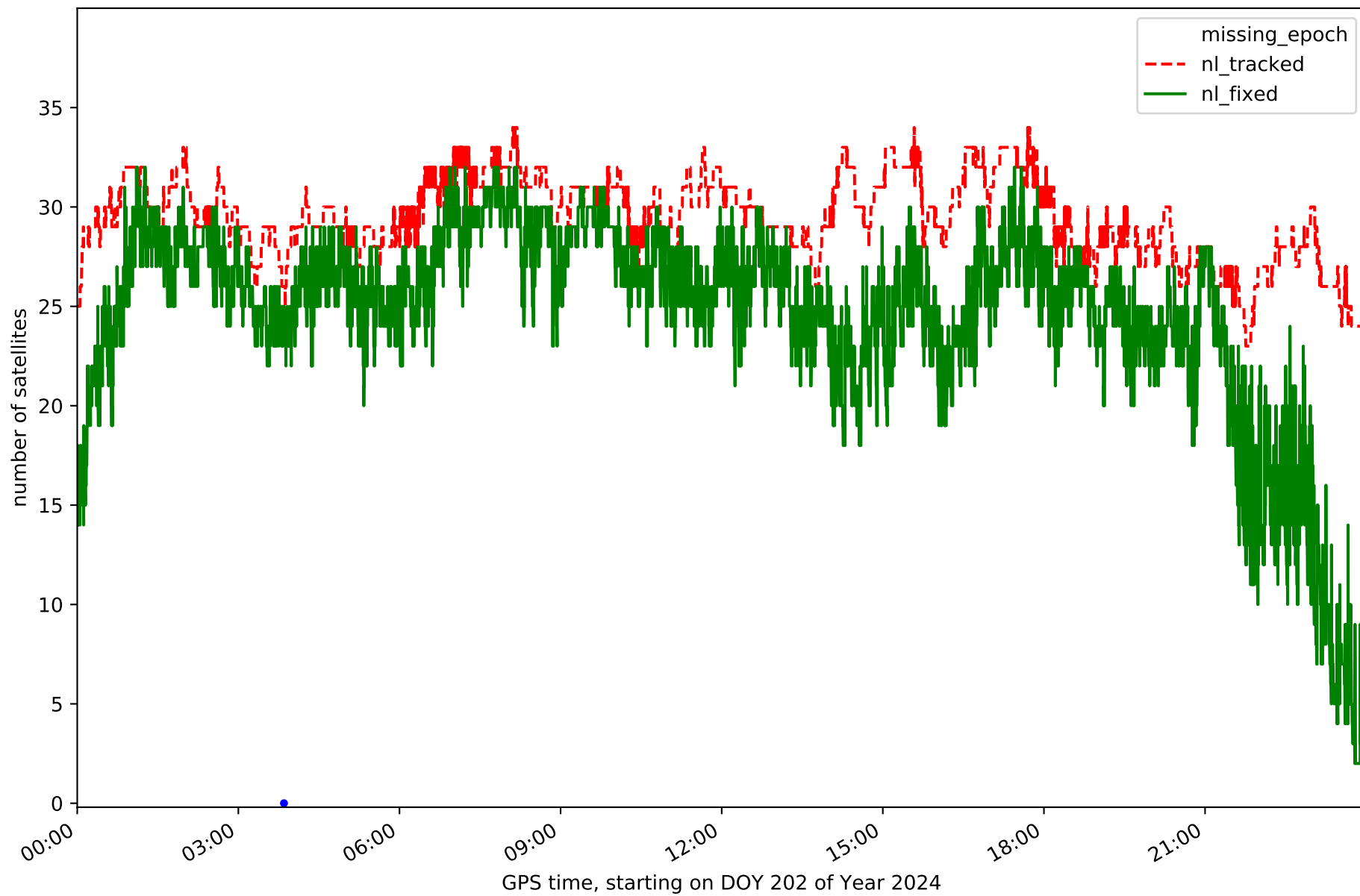
Station HUOV in network NT12



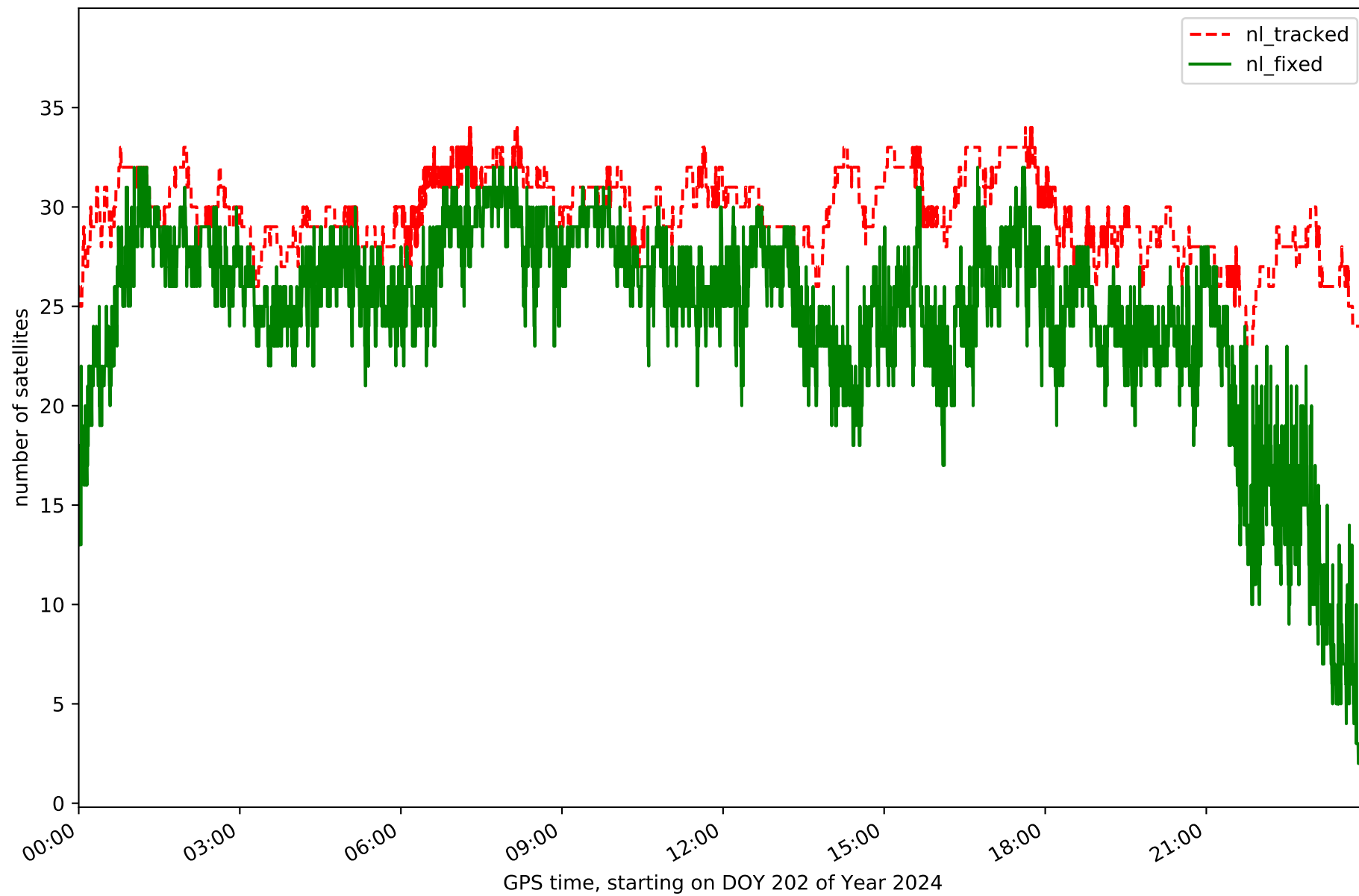
Station JUMA in network NT12



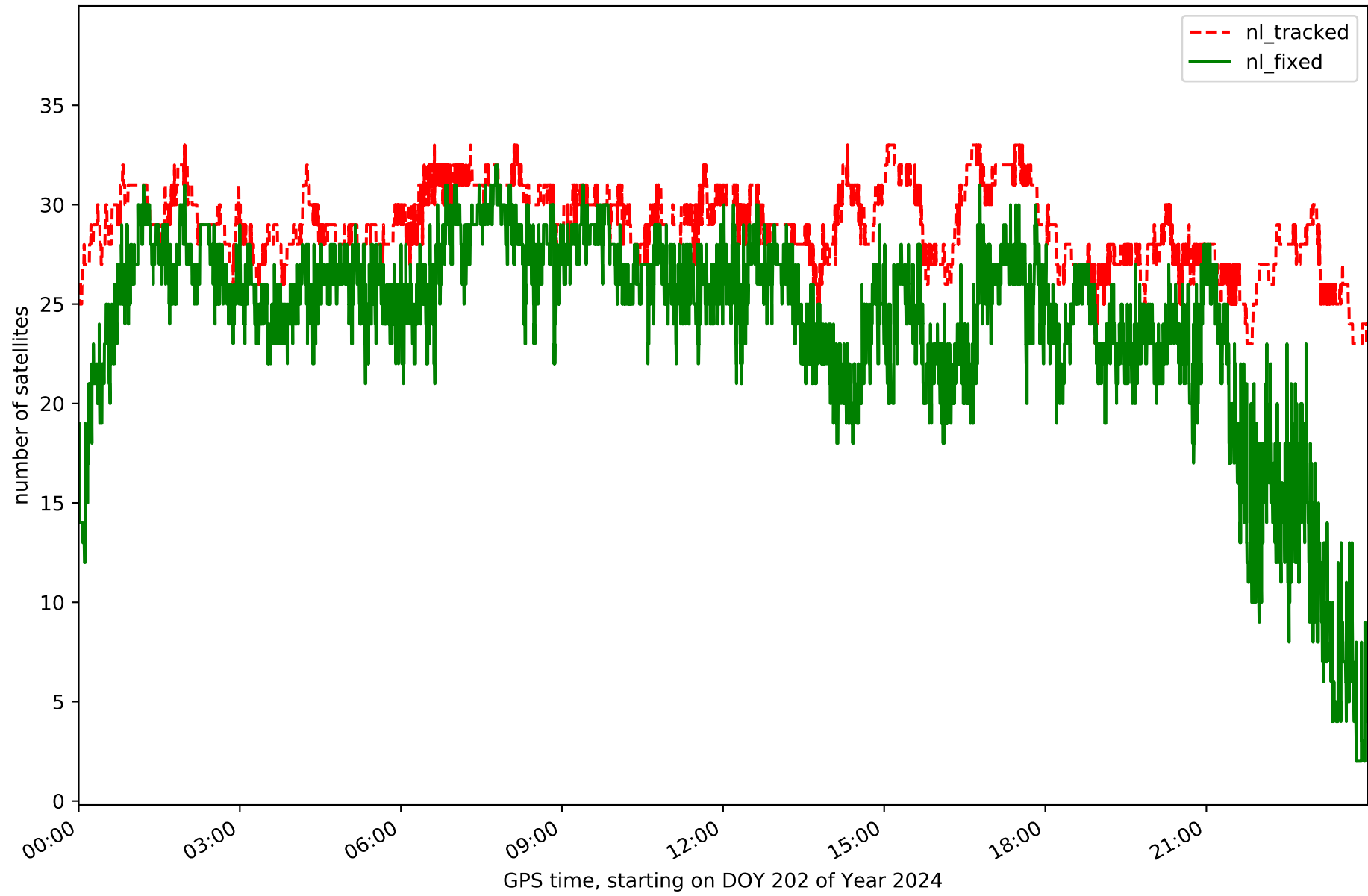
Station MAZA in network NT12



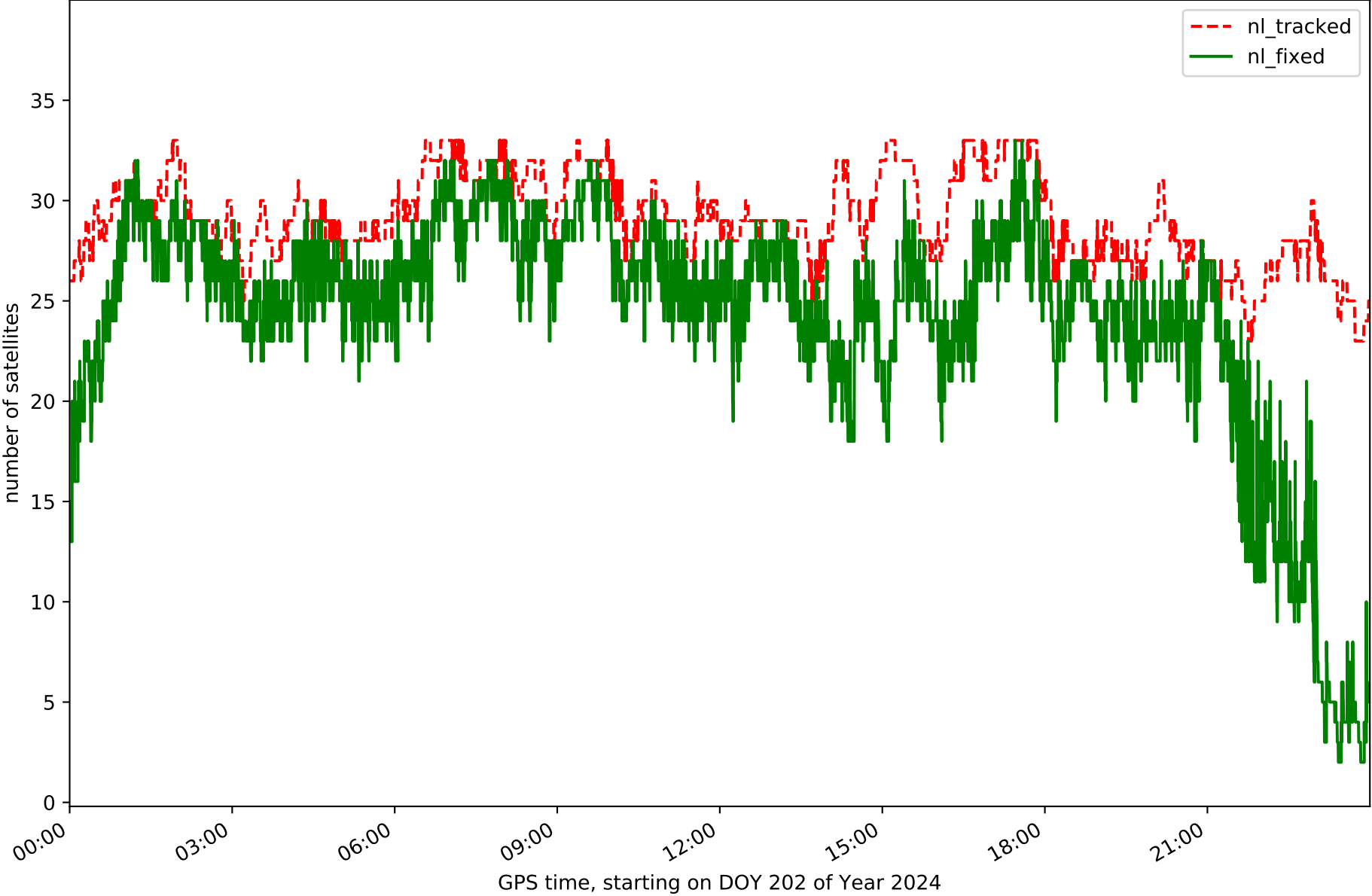
Station MUL1 in network NT12



Station MURC in network NT12

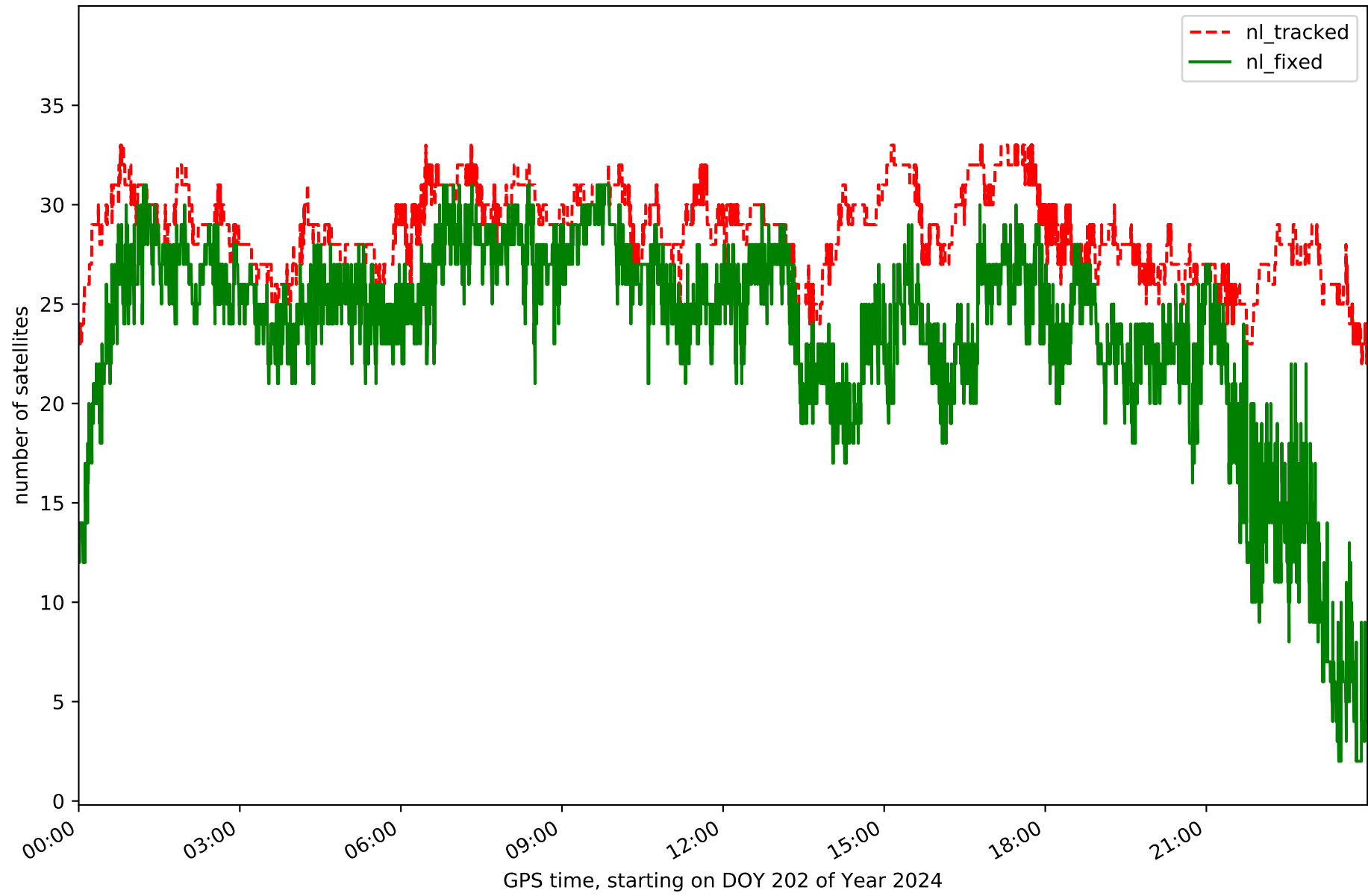


Station PALC in network NT12

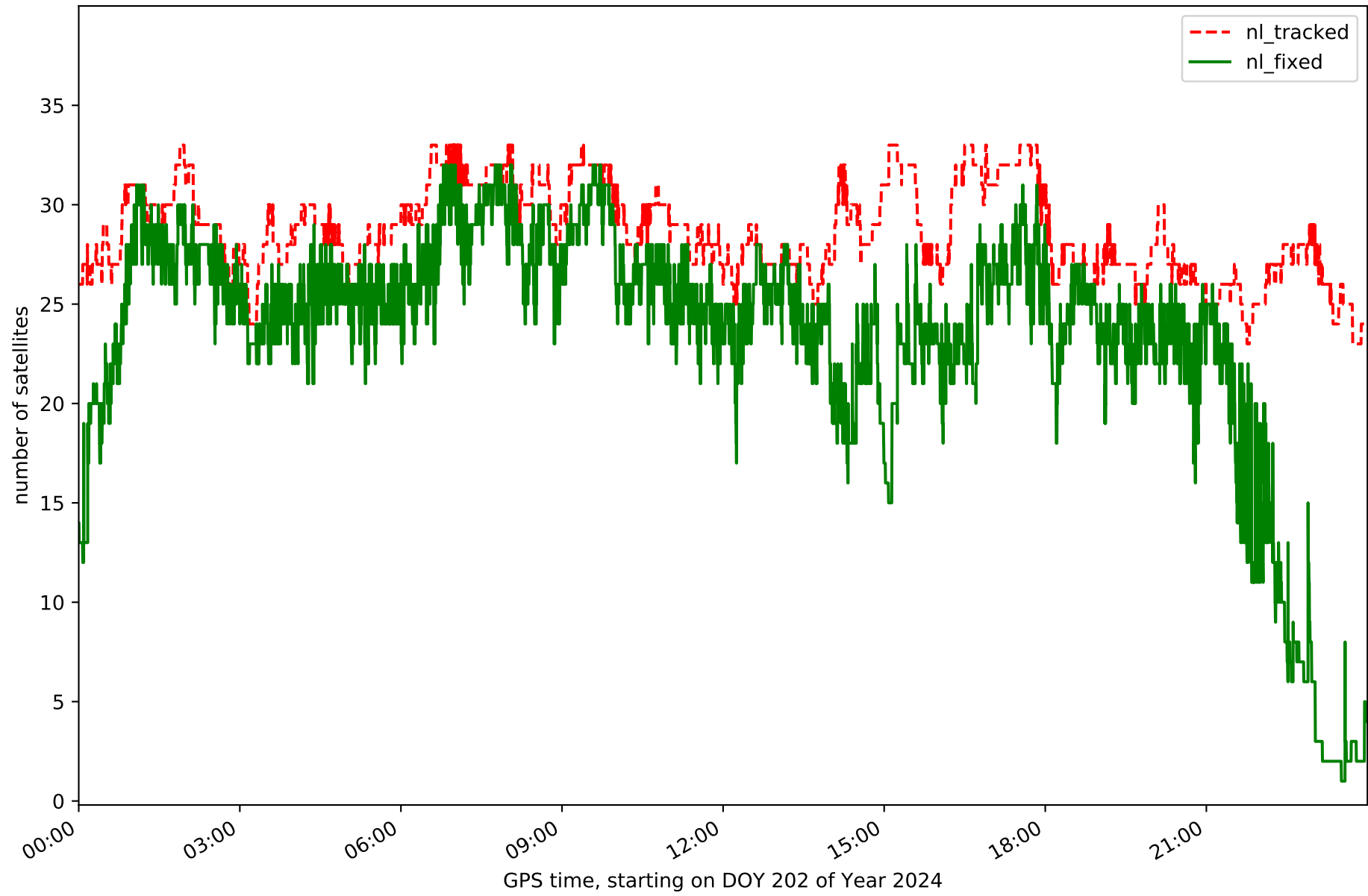




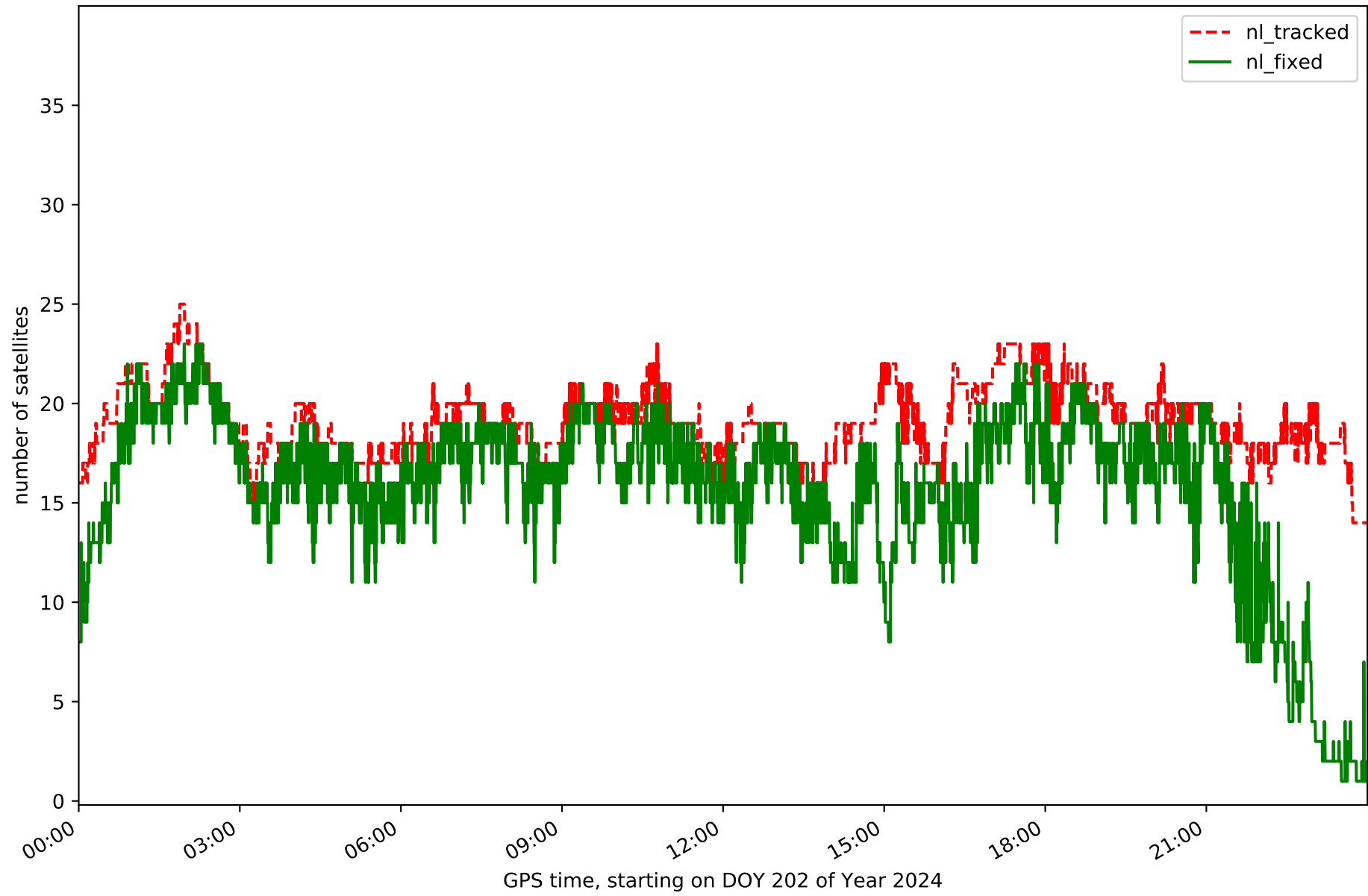
Station TOR0 in network NT12



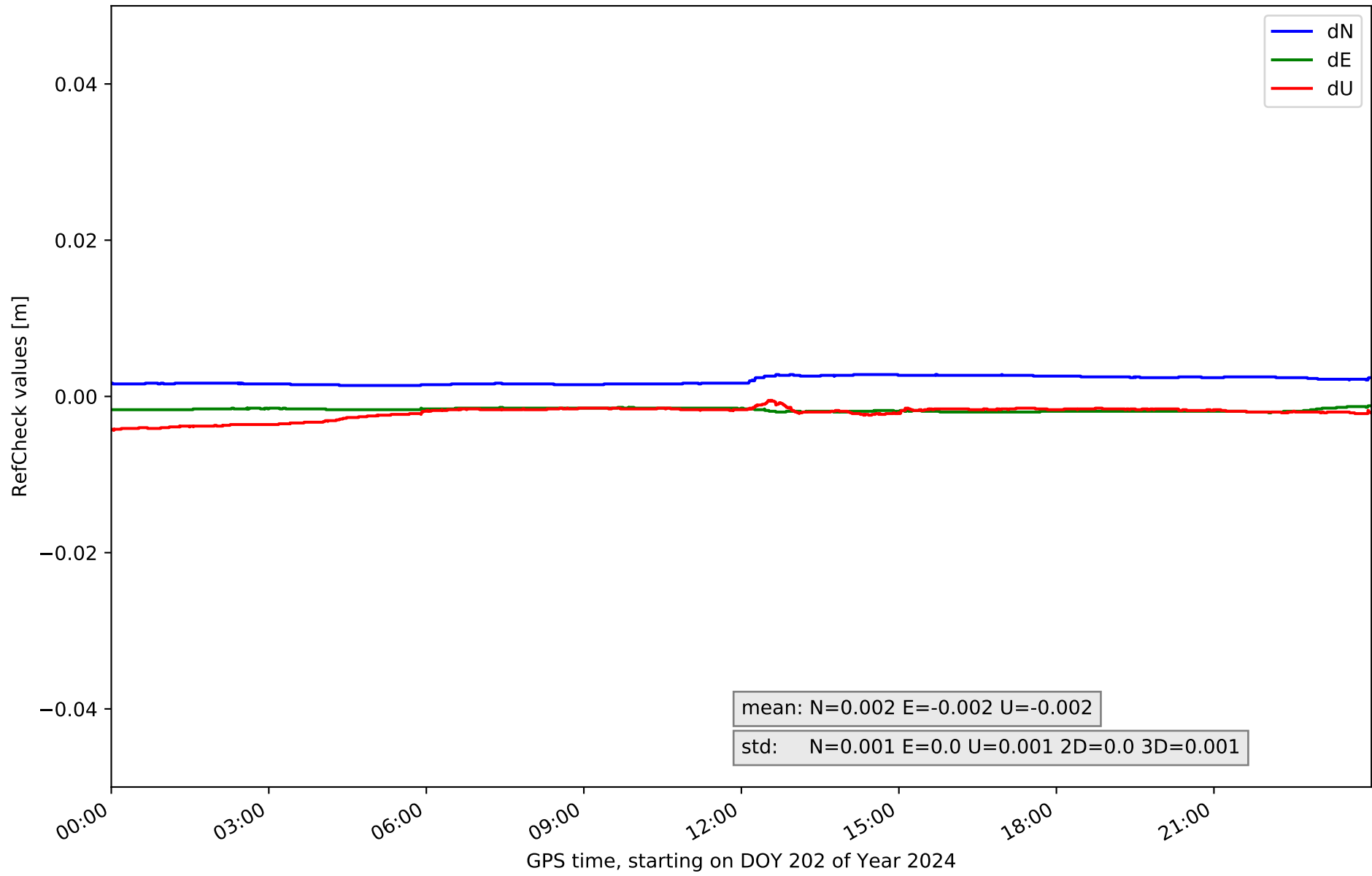
Station UJAE in network NT12



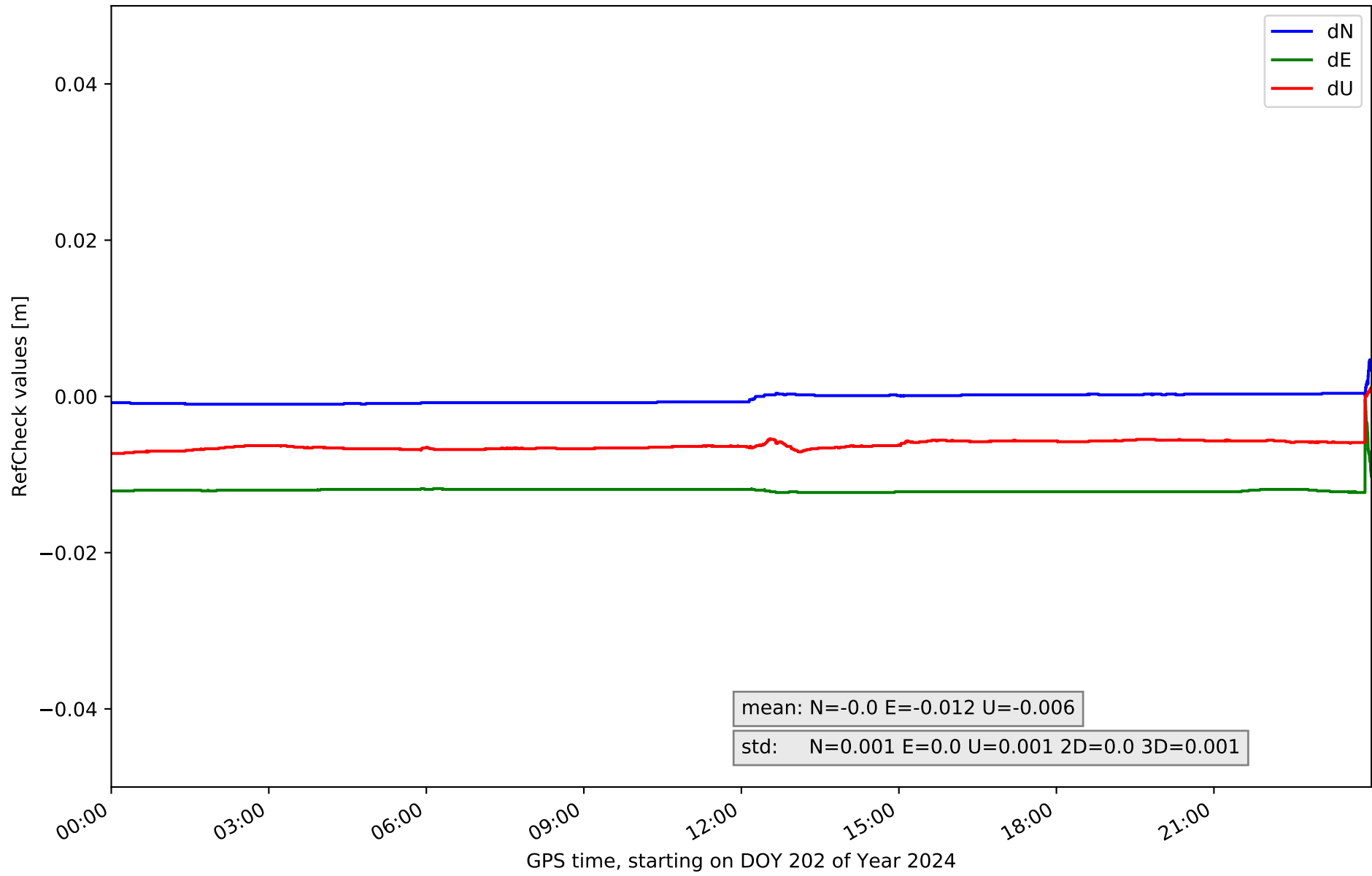
Station VICA in network NT12



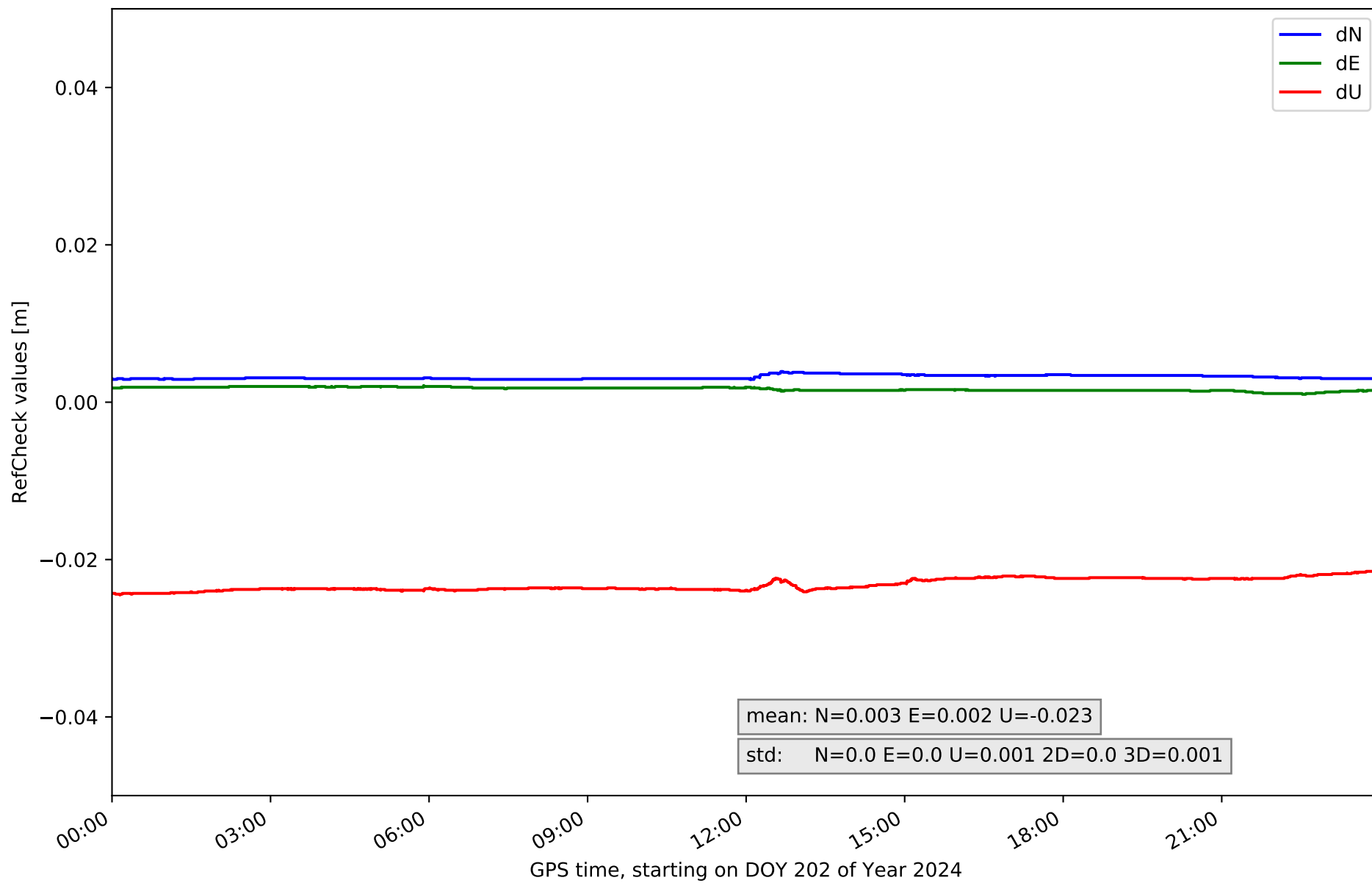
# RefCheck for station ABAN in network NT12



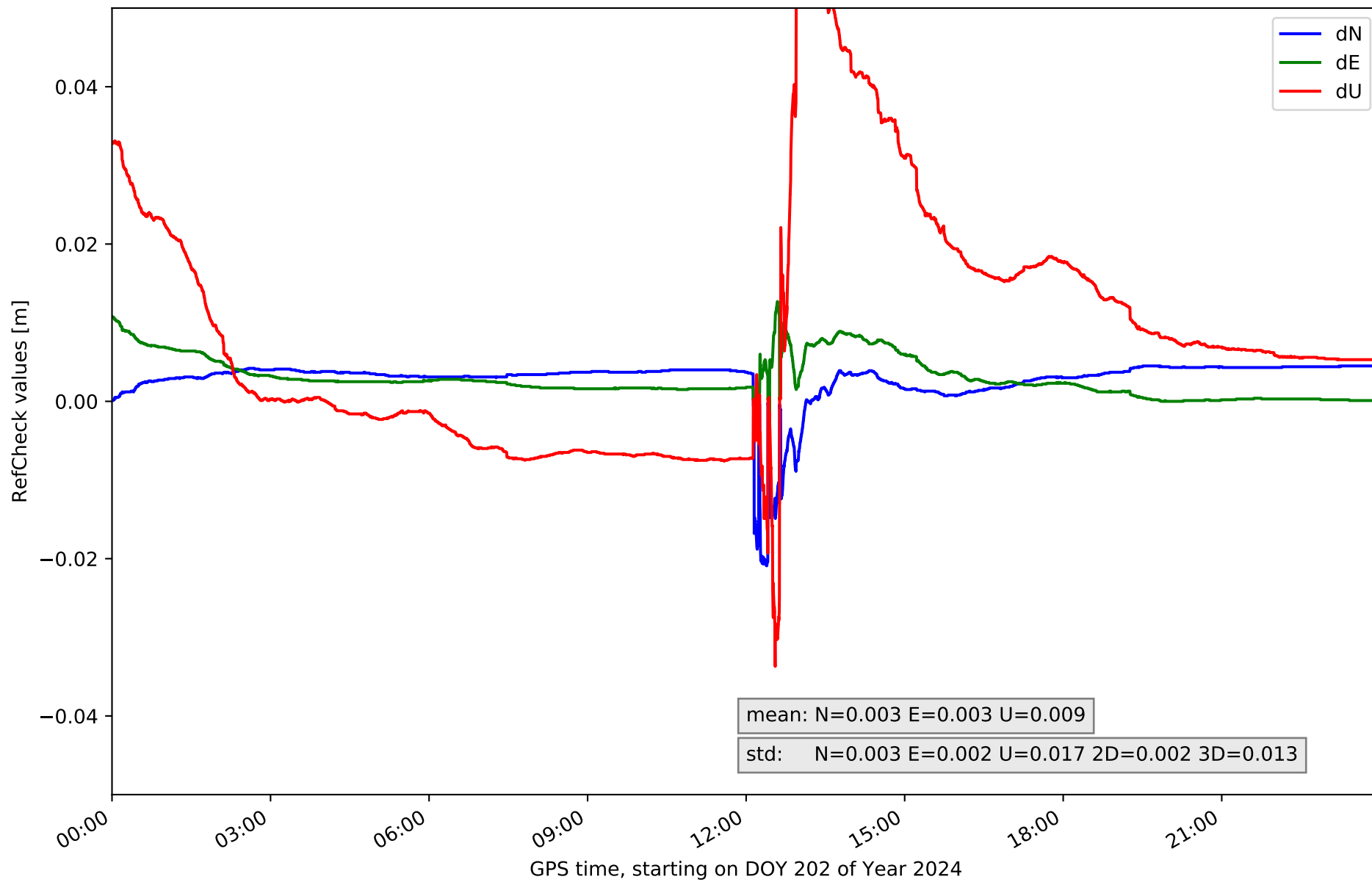
# RefCheck for station ALME in network NT12



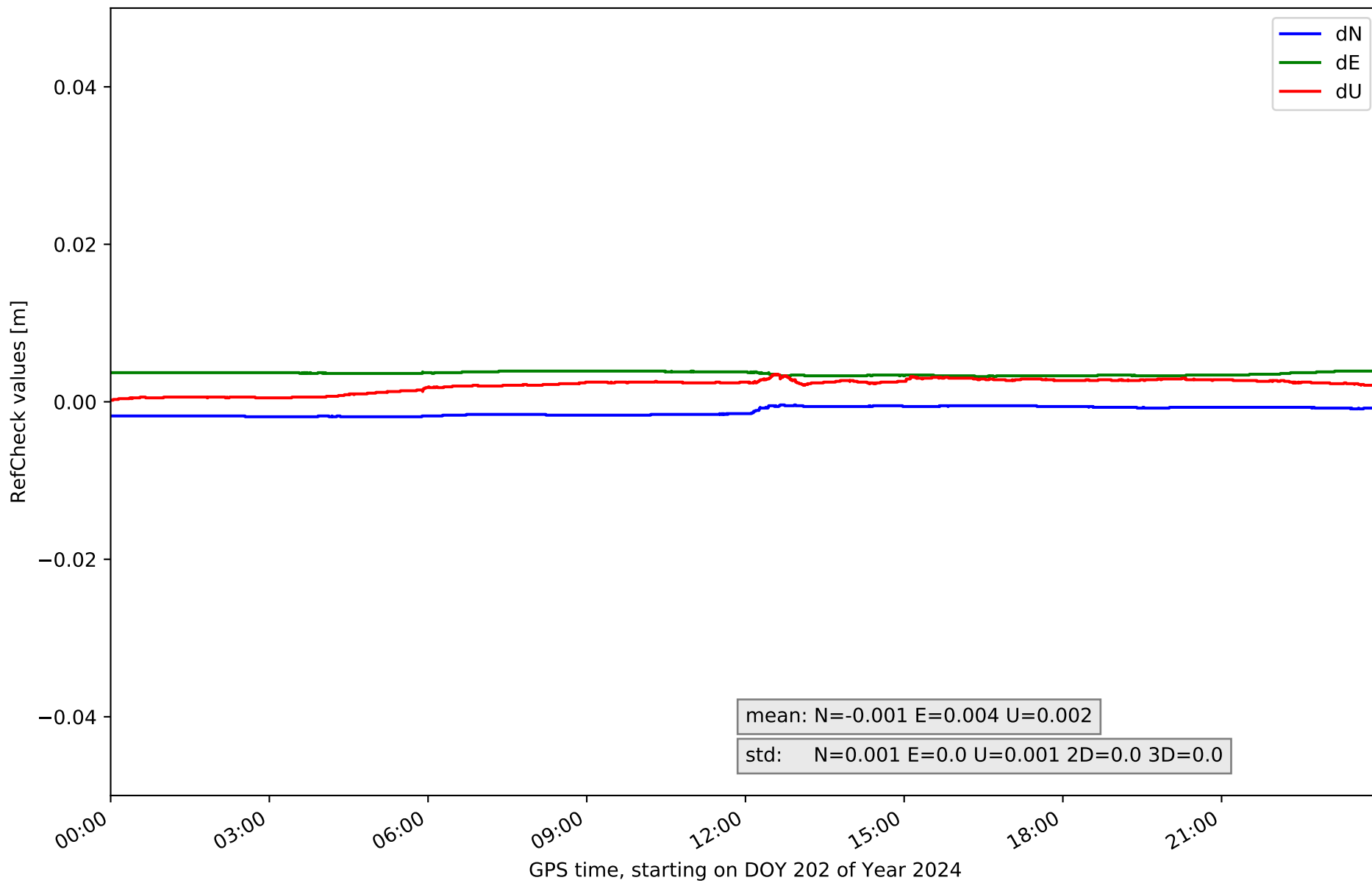
### RefCheck for station AND2 in network NT12



RefCheck for station CAAL in network NT12

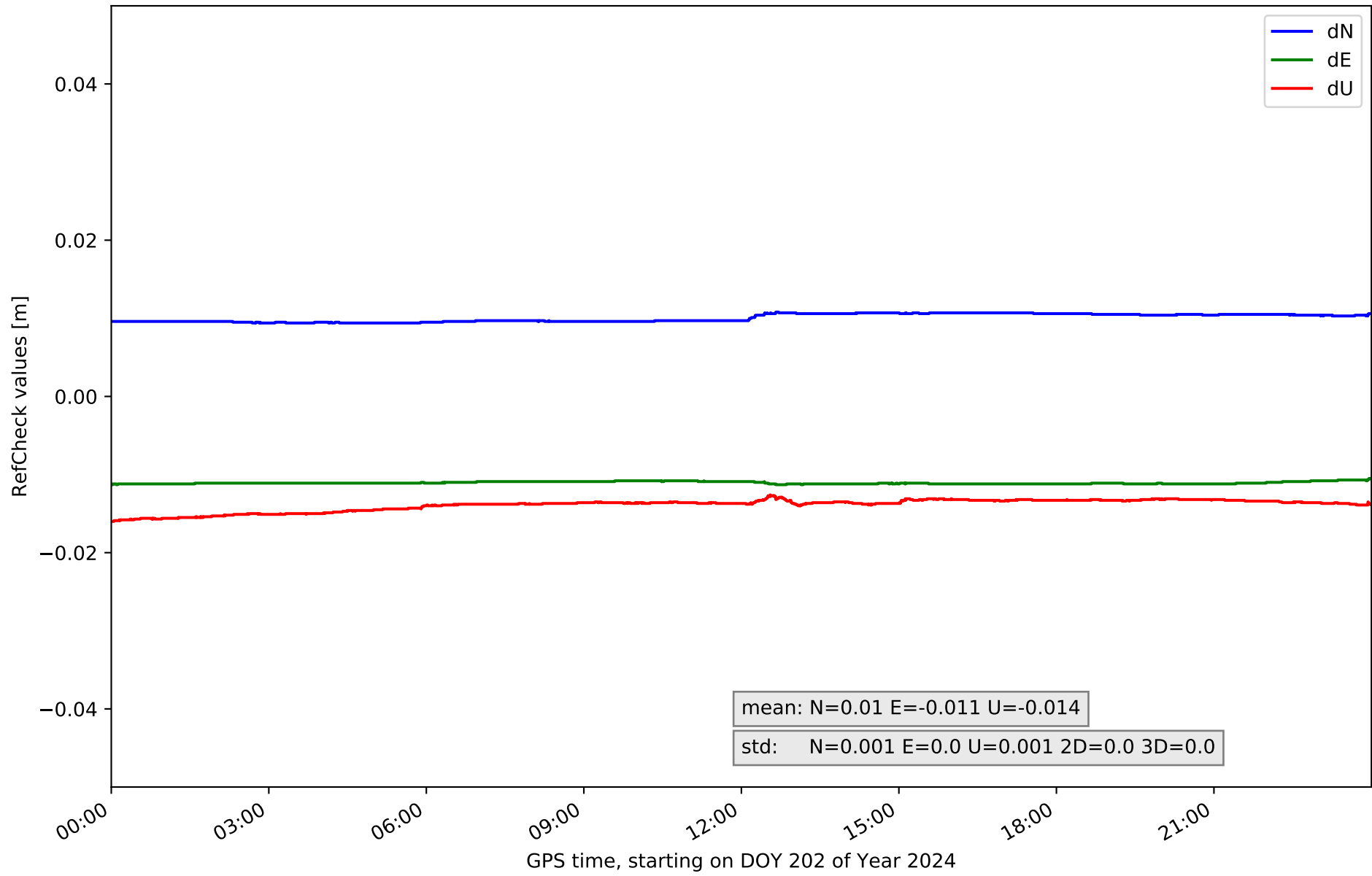


### RefCheck for station CABP in network NT12

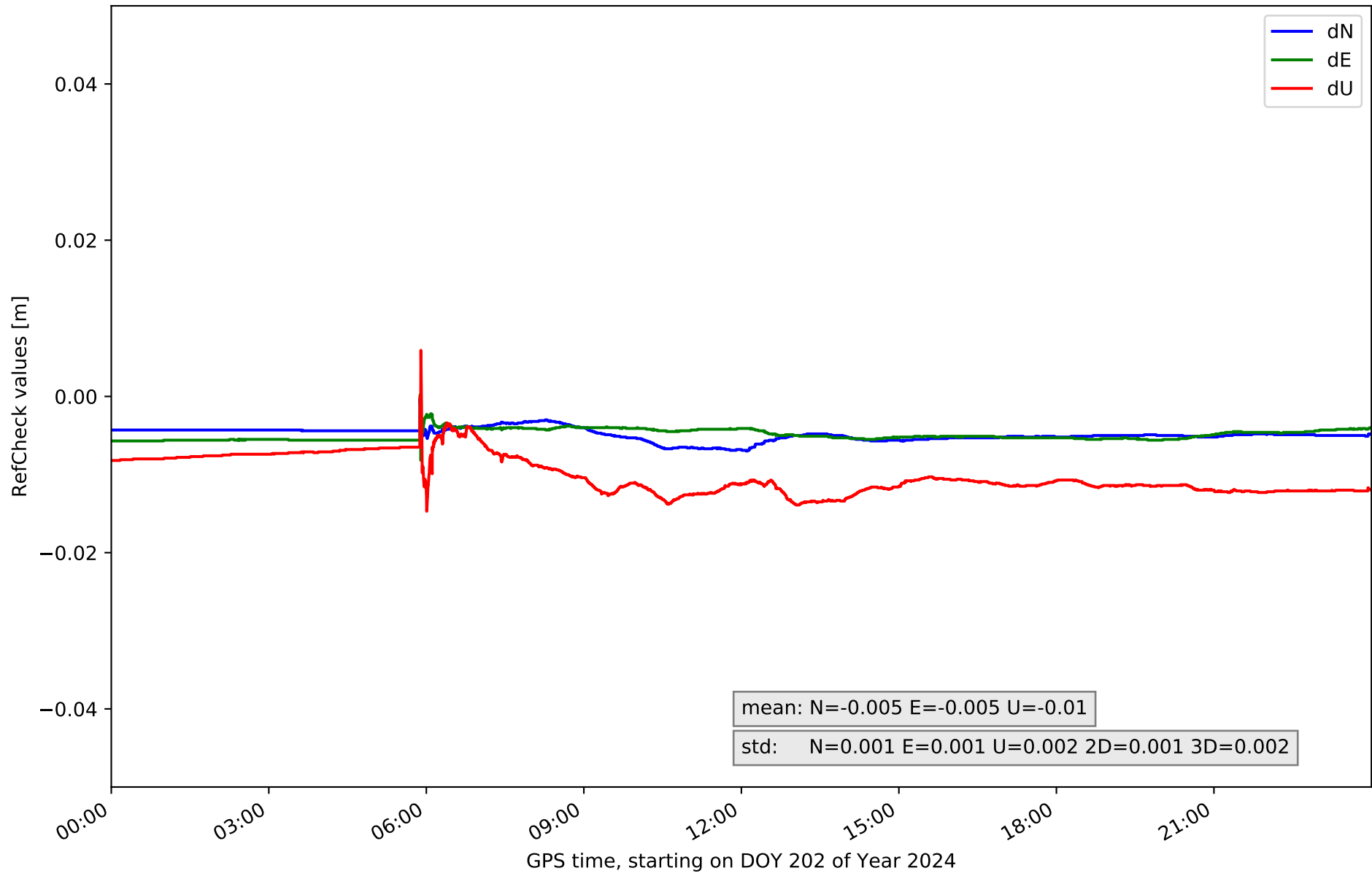




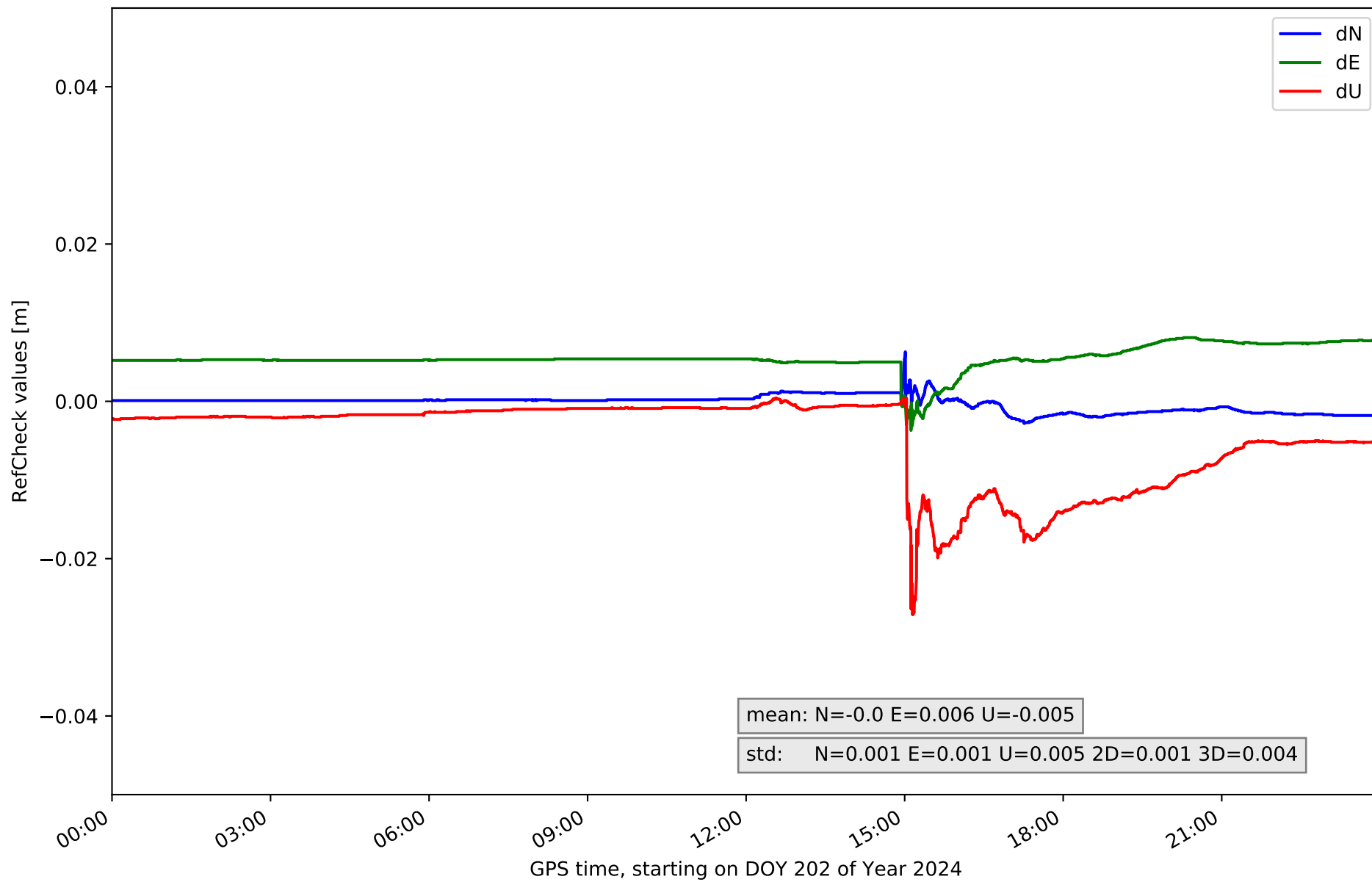
# RefCheck for station CARG in network NT12



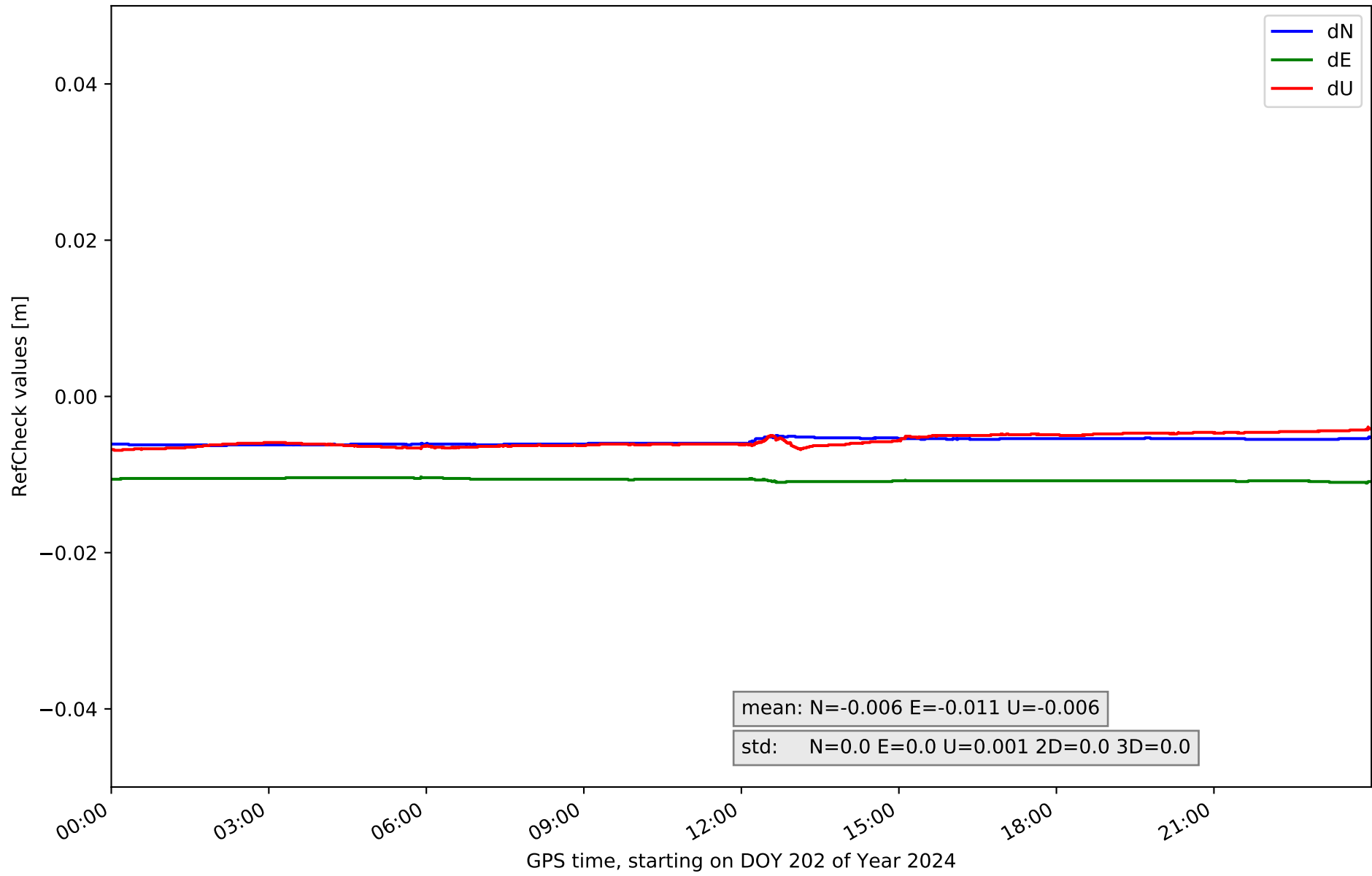
# RefCheck for station CARV in network NT12



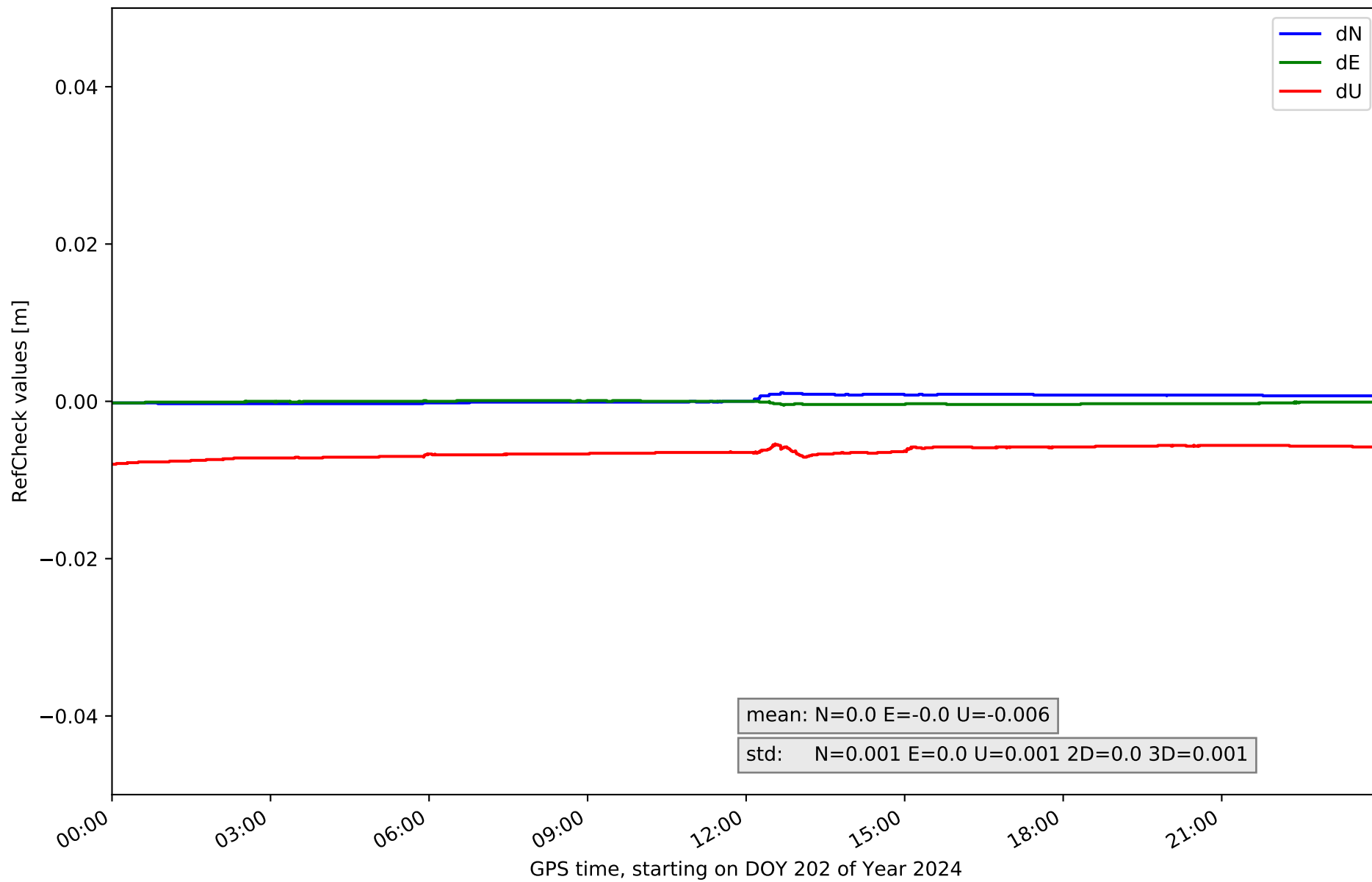
# RefCheck for station CDCR in network NT12



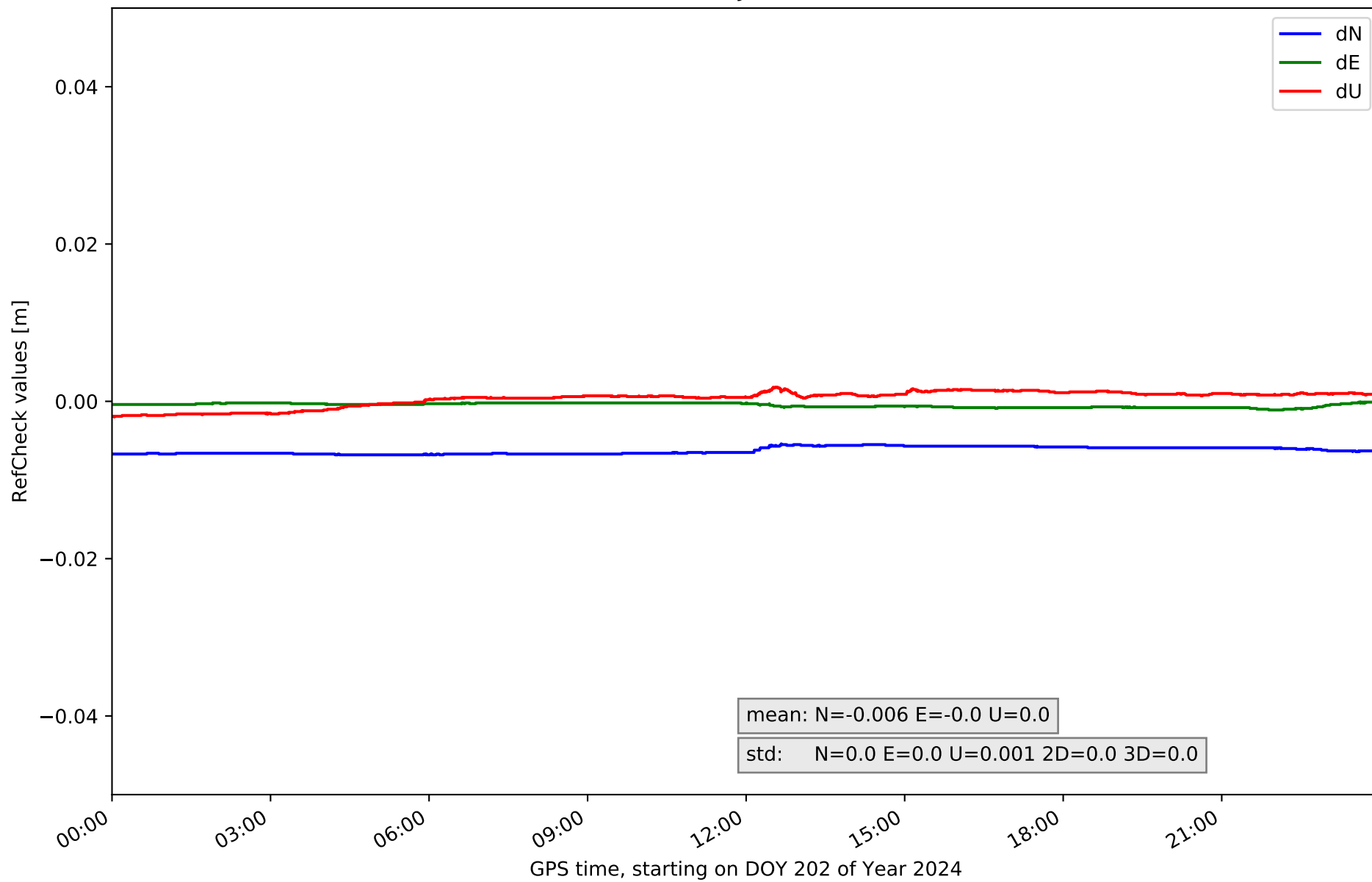
# RefCheck for station GRA1 in network NT12



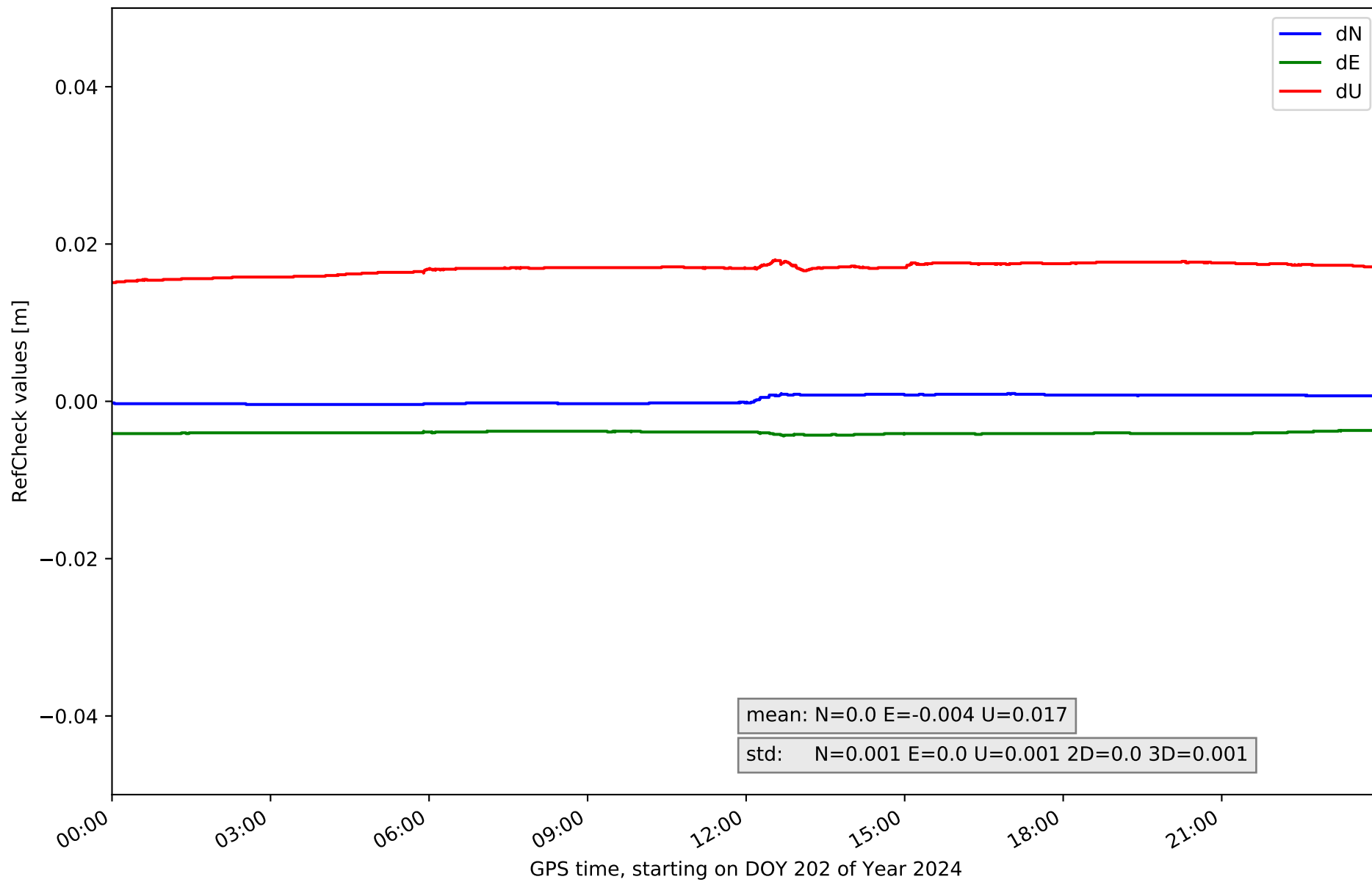
### RefCheck for station HUOV in network NT12



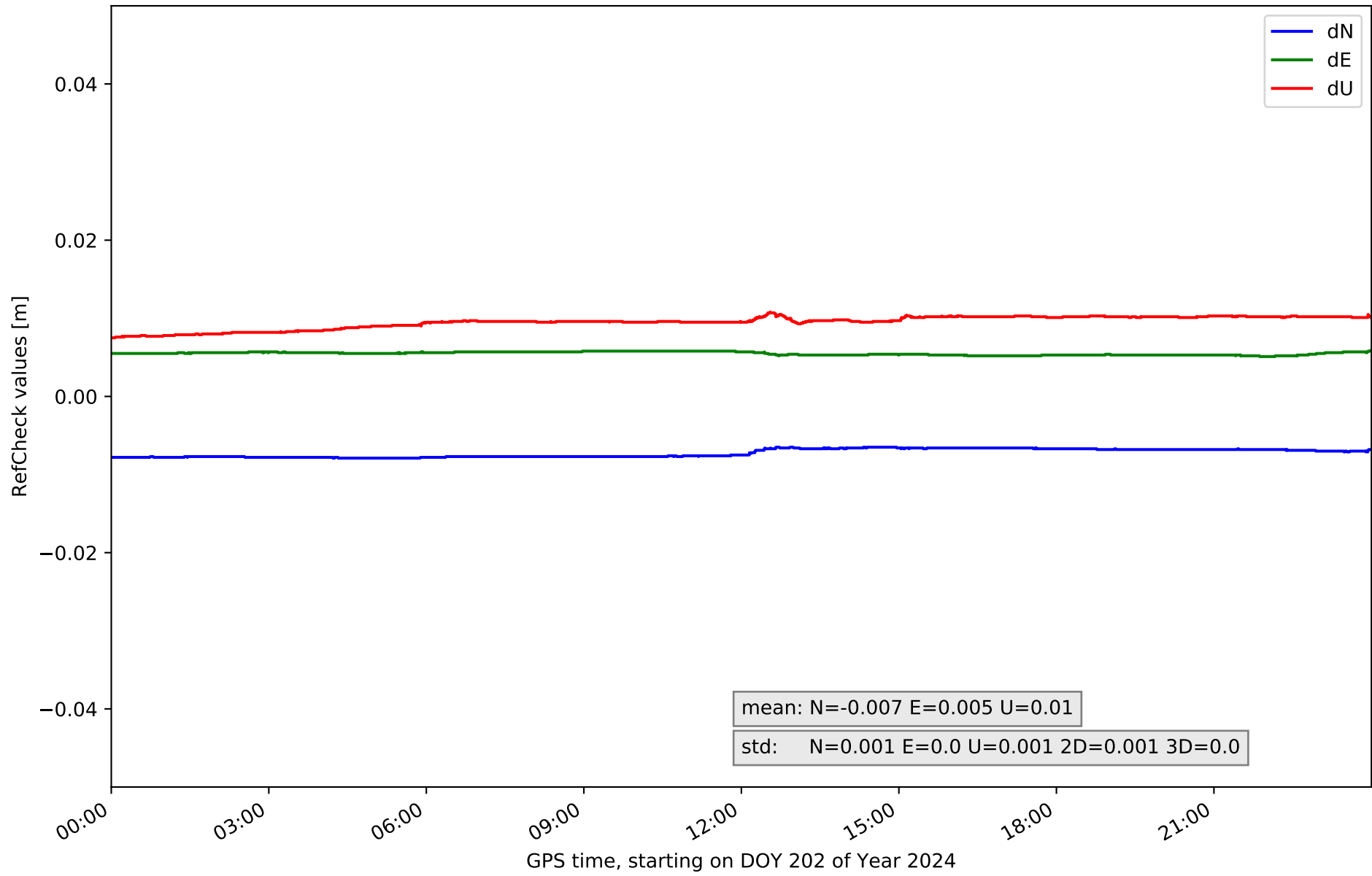
### RefCheck for station JUMA in network NT12



### RefCheck for station MAZA in network NT12

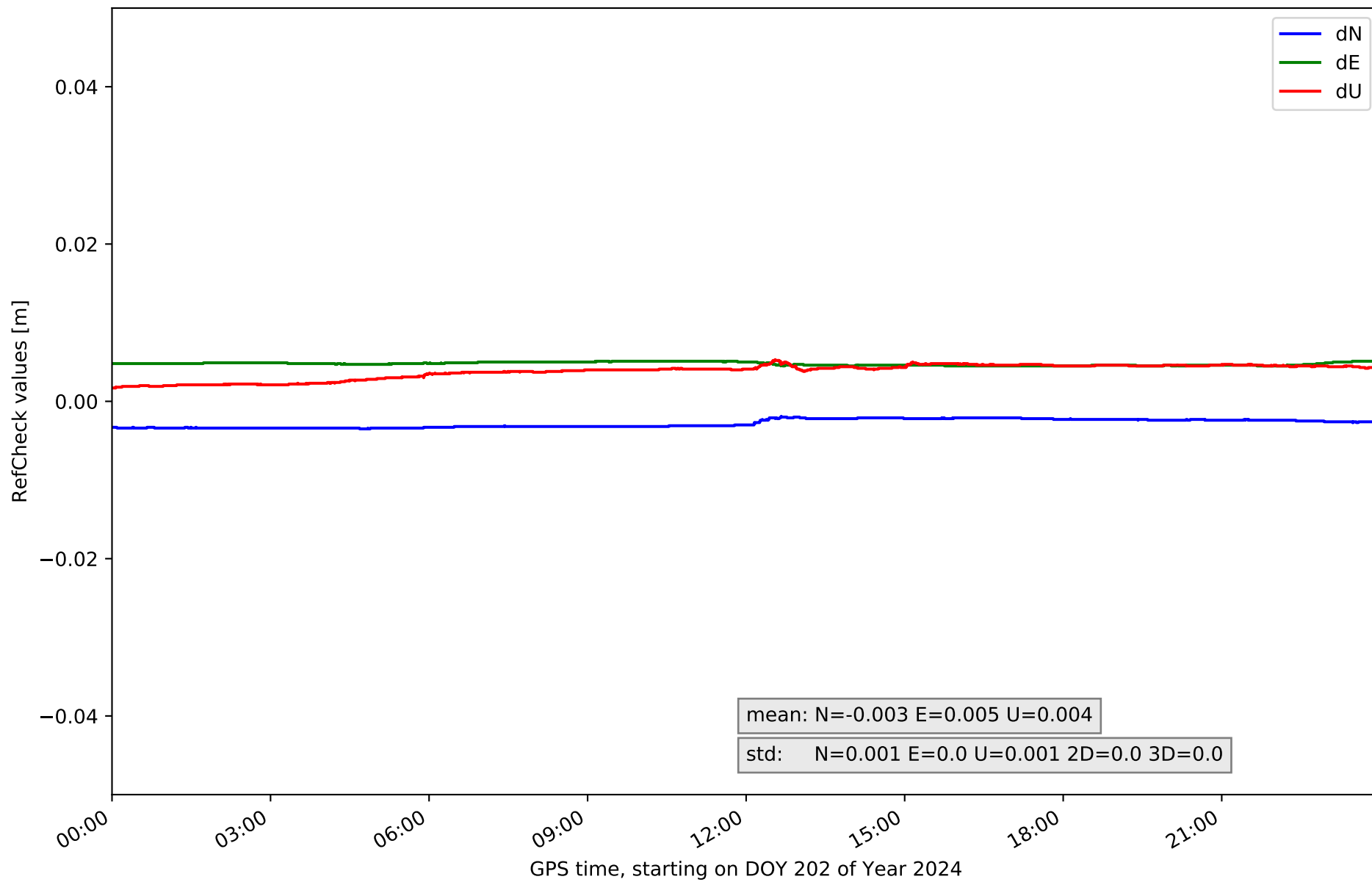


# RefCheck for station MUL1 in network NT12

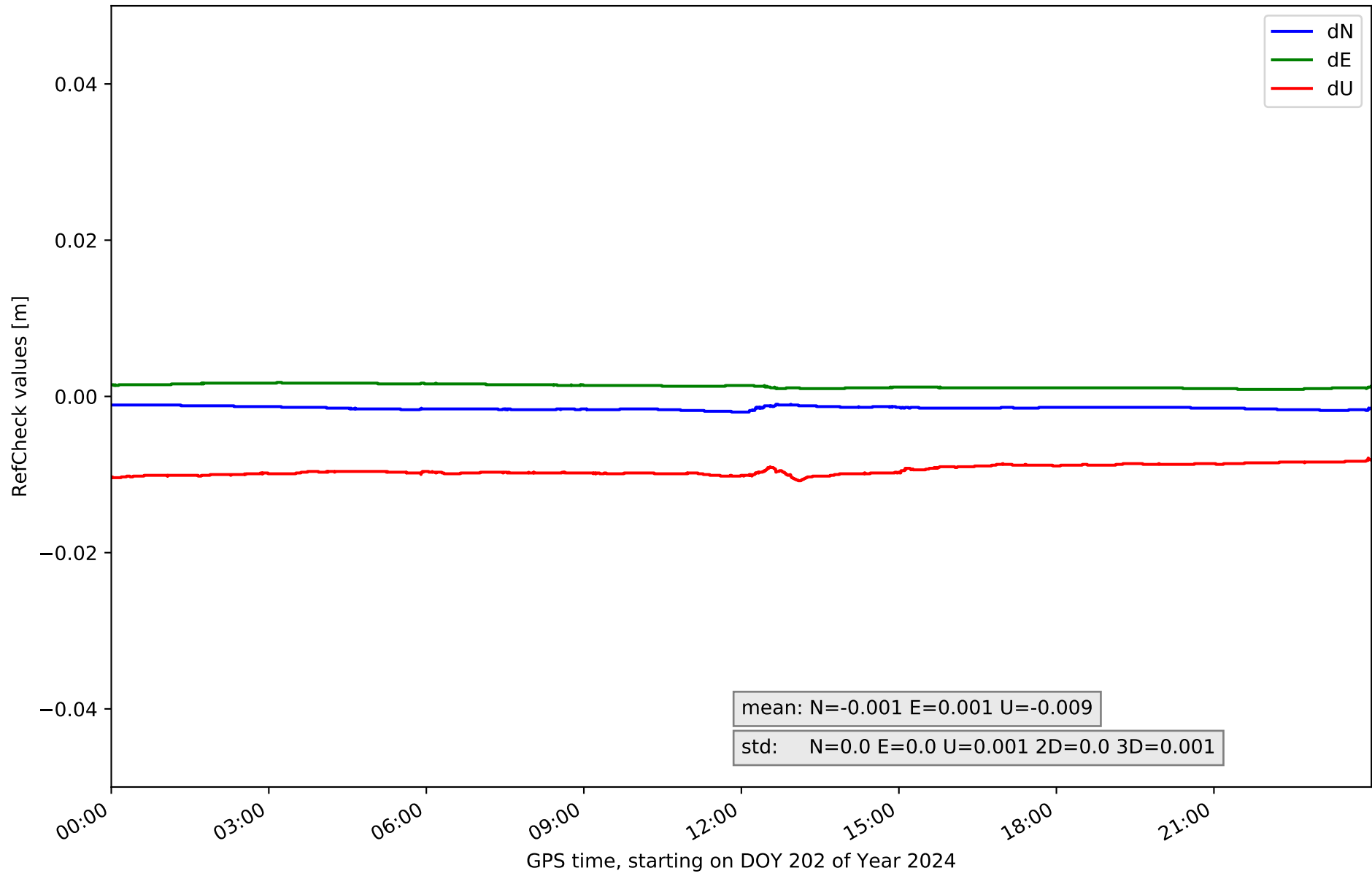




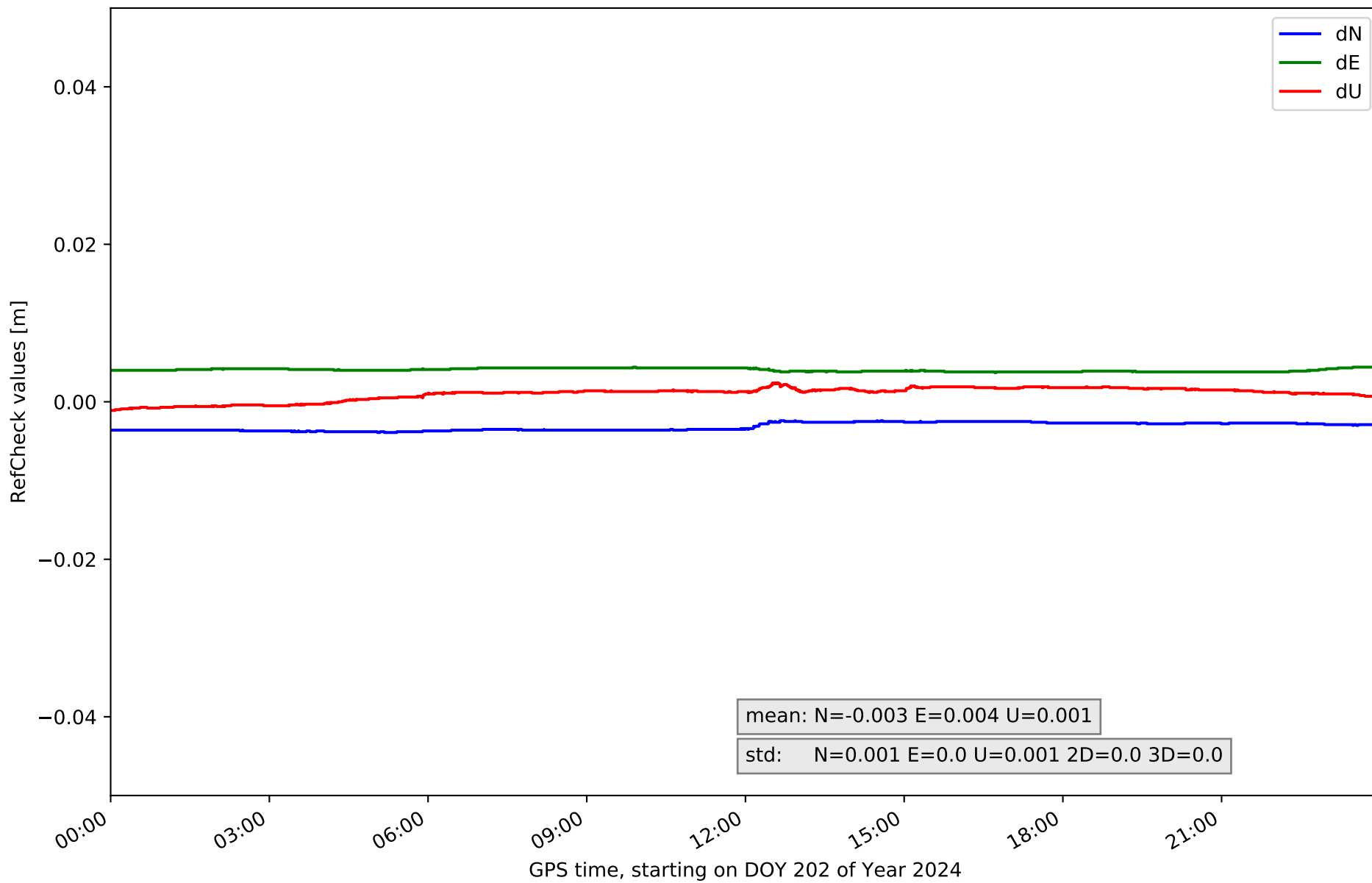
### RefCheck for station MURC in network NT12



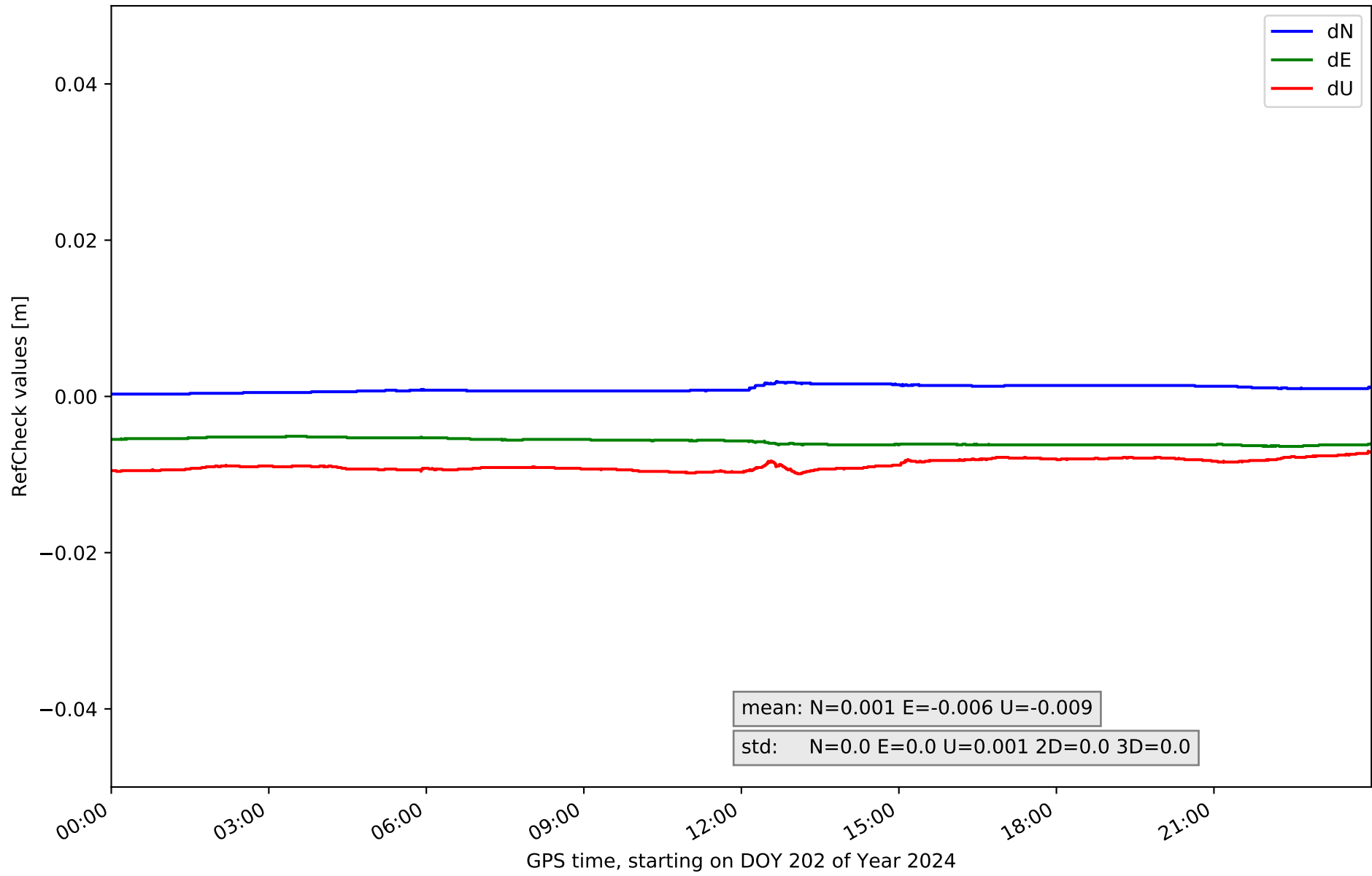
# RefCheck for station PALC in network NT12



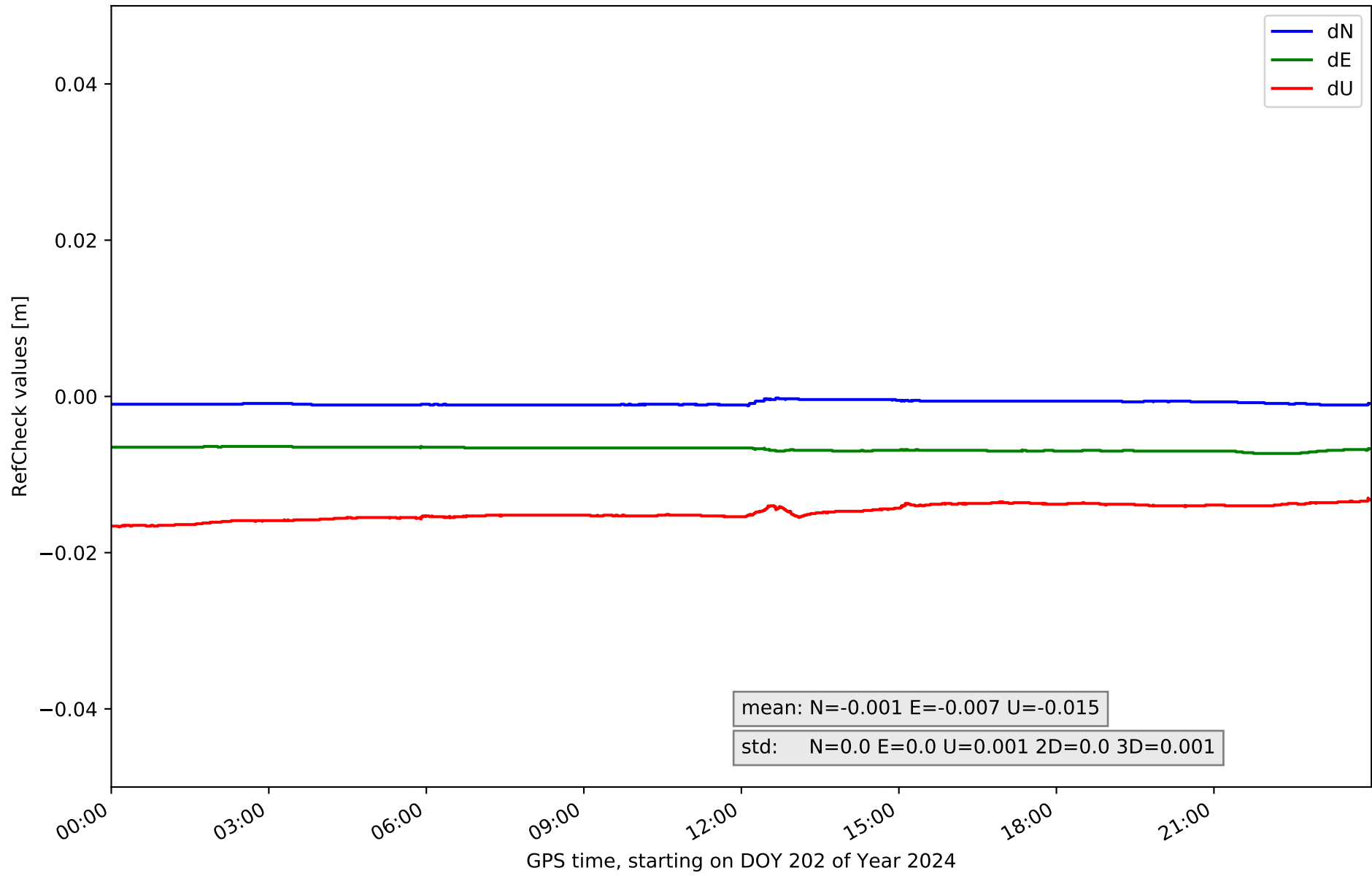
### RefCheck for station TOR0 in network NT12



# RefCheck for station UJAE in network NT12



# RefCheck for station VICA in network NT12



## RefCheck values for network NT12

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01    | % 2D > 0.01  | #3D > 0.02    | % 3D > 0.02  |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|---------------|--------------|---------------|--------------|
| ABAN           | 0.001         | 0.003        | 0.001        | -0.002        | -0.001       | 0.0          | -0.004        | -0.001       | 0.001        | 0.0          | 0.001        | 0             | 0.0          | 0             | 0.0          |
| ALME           | -0.001        | 0.005        | 0.001        | -0.012        | -0.0         | 0.0          | -0.007        | 0.001        | 0.001        | 0.0          | 0.001        | 40529         | 99.6         | 0             | 0.0          |
| AND2           | 0.003         | 0.004        | 0.0          | 0.001         | 0.002        | 0.0          | -0.025        | -0.021       | 0.001        | 0.0          | 0.001        | 0             | 0.0          | 40681         | 100.0        |
| CAAL           | -0.021        | 0.005        | 0.003        | -0.004        | 0.013        | 0.002        | -0.034        | 0.073        | 0.017        | 0.002        | 0.013        | 1149          | 2.8          | 7667          | 18.8         |
| CABP           | -0.002        | -0.0         | 0.001        | 0.003         | 0.004        | 0.0          | 0.0           | 0.004        | 0.001        | 0.0          | 0.0          | 0             | 0.0          | 0             | 0.0          |
| CARG           | 0.009         | 0.011        | 0.001        | -0.011        | -0.011       | 0.0          | -0.016        | -0.013       | 0.001        | 0.0          | 0.0          | 40681         | 100.0        | 35337         | 86.9         |
| CARV           | -0.007        | -0.0         | 0.001        | -0.008        | 0.0          | 0.001        | -0.015        | 0.006        | 0.002        | 0.001        | 0.002        | 0             | 0.0          | 0             | 0.0          |
| CDCR           | -0.019        | 0.006        | 0.001        | -0.004        | 0.008        | 0.001        | -0.027        | 0.0          | 0.005        | 0.001        | 0.004        | 88            | 0.2          | 124           | 0.3          |
| GRA1           | -0.006        | -0.005       | 0.0          | -0.011        | -0.01        | 0.0          | -0.007        | -0.004       | 0.001        | 0.0          | 0.0          | 40681         | 100.0        | 0             | 0.0          |
| HUOV           | -0.0          | 0.001        | 0.001        | -0.001        | 0.0          | 0.0          | -0.008        | -0.005       | 0.001        | 0.0          | 0.001        | 0             | 0.0          | 0             | 0.0          |
| JUMA           | -0.007        | -0.005       | 0.0          | -0.001        | 0.0          | 0.0          | -0.002        | 0.002        | 0.001        | 0.0          | 0.0          | 0             | 0.0          | 0             | 0.0          |
| MAZA           | -0.0          | 0.001        | 0.001        | -0.004        | -0.004       | 0.0          | 0.015         | 0.018        | 0.001        | 0.0          | 0.001        | 0             | 0.0          | 0             | 0.0          |
| MUL1           | -0.008        | -0.006       | 0.001        | 0.005         | 0.006        | 0.0          | 0.007         | 0.011        | 0.001        | 0.001        | 0.0          | 0             | 0.0          | 0             | 0.0          |
| MURC           | -0.004        | -0.002       | 0.001        | 0.004         | 0.005        | 0.0          | 0.002         | 0.005        | 0.001        | 0.0          | 0.0          | 0             | 0.0          | 0             | 0.0          |
| PALC           | -0.002        | -0.001       | 0.0          | 0.001         | 0.002        | 0.0          | -0.011        | -0.008       | 0.001        | 0.0          | 0.001        | 0             | 0.0          | 0             | 0.0          |
| TOR0           | -0.004        | -0.002       | 0.001        | 0.004         | 0.005        | 0.0          | -0.001        | 0.002        | 0.001        | 0.0          | 0.0          | 0             | 0.0          | 0             | 0.0          |
| UJAE           | 0.0           | 0.002        | 0.0          | -0.006        | -0.005       | 0.0          | -0.01         | -0.007       | 0.001        | 0.0          | 0.0          | 0             | 0.0          | 0             | 0.0          |
| VICA           | -0.001        | -0.0         | 0.0          | -0.007        | -0.006       | 0.0          | -0.017        | -0.013       | 0.001        | 0.0          | 0.001        | 0             | 0.0          | 0             | 0.0          |
| <b>Mean</b>    | <b>-0.004</b> | <b>0.001</b> | <b>0.001</b> | <b>-0.003</b> | <b>0.0</b>   | <b>0.0</b>   | <b>-0.009</b> | <b>0.003</b> | <b>0.002</b> | <b>0.0</b>   | <b>0.001</b> | <b>6840.4</b> | <b>16.8</b>  | <b>4656.1</b> | <b>11.4</b>  |
| <b>Min/Max</b> | <b>-0.021</b> | <b>0.011</b> | <b>0.003</b> | <b>-0.012</b> | <b>0.013</b> | <b>0.002</b> | <b>-0.034</b> | <b>0.073</b> | <b>0.017</b> | <b>0.002</b> | <b>0.013</b> | <b>40681</b>  | <b>100.0</b> | <b>40681</b>  | <b>100.0</b> |

## fixing statistic for network NT12

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 84.2     | 89.0 | 83.0 | 72.0 | 90.0 |
| considering satellites with dual-frequency fixed | 82.8     | 87.5 | 81.7 | 71.0 | 88.3 |
| considering all signals separately               | 82.1     | 87.6 | 81.7 | 71.2 | 87.5 |