

## summary for network NT32

timeperiod chosen: from 2024-09-05-00:00:00 until 2024-09-05-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.2 seconds

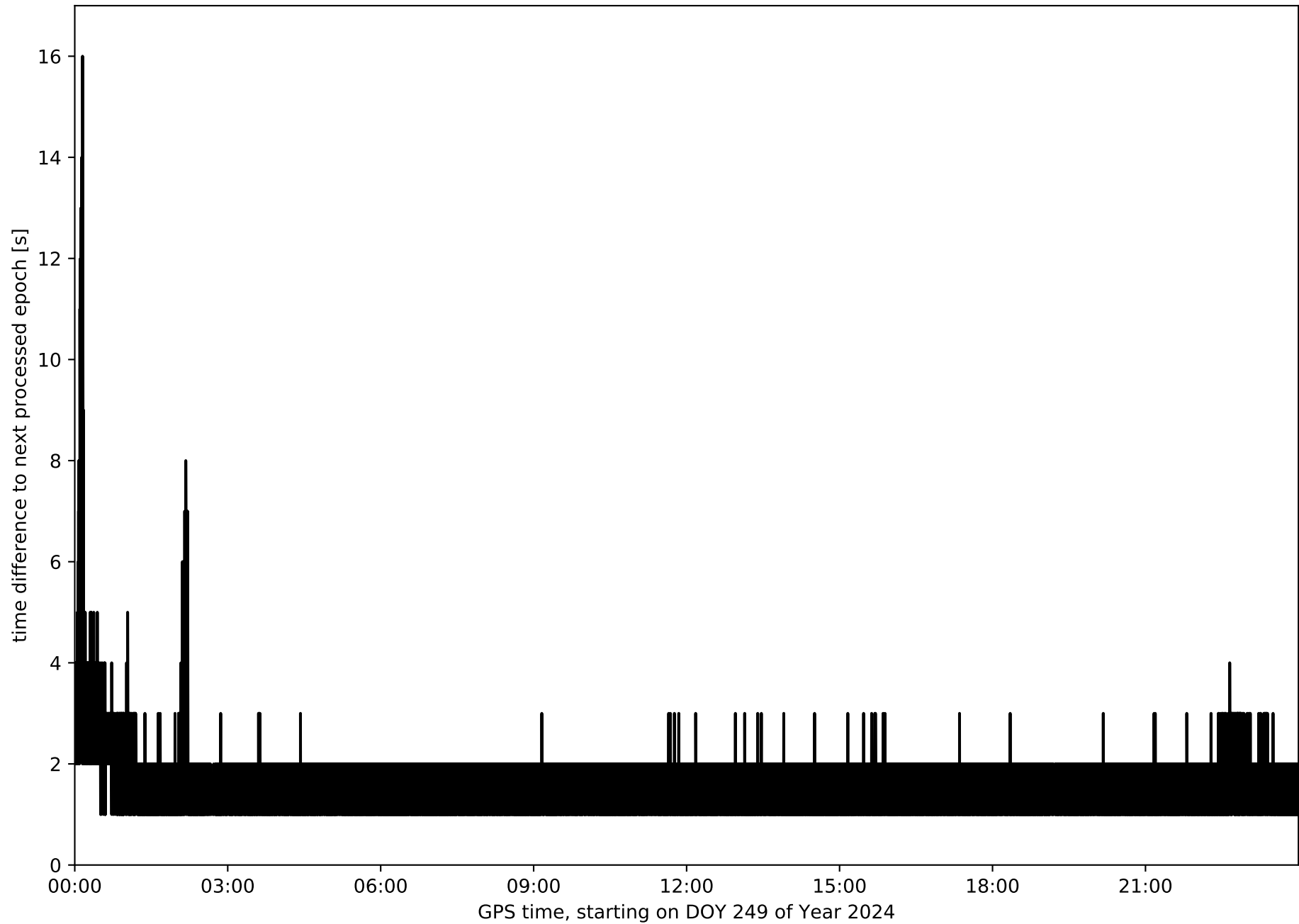
average fixing percentage with threshold set to 0.3: 84.4 percent

stations available: 16 of 16

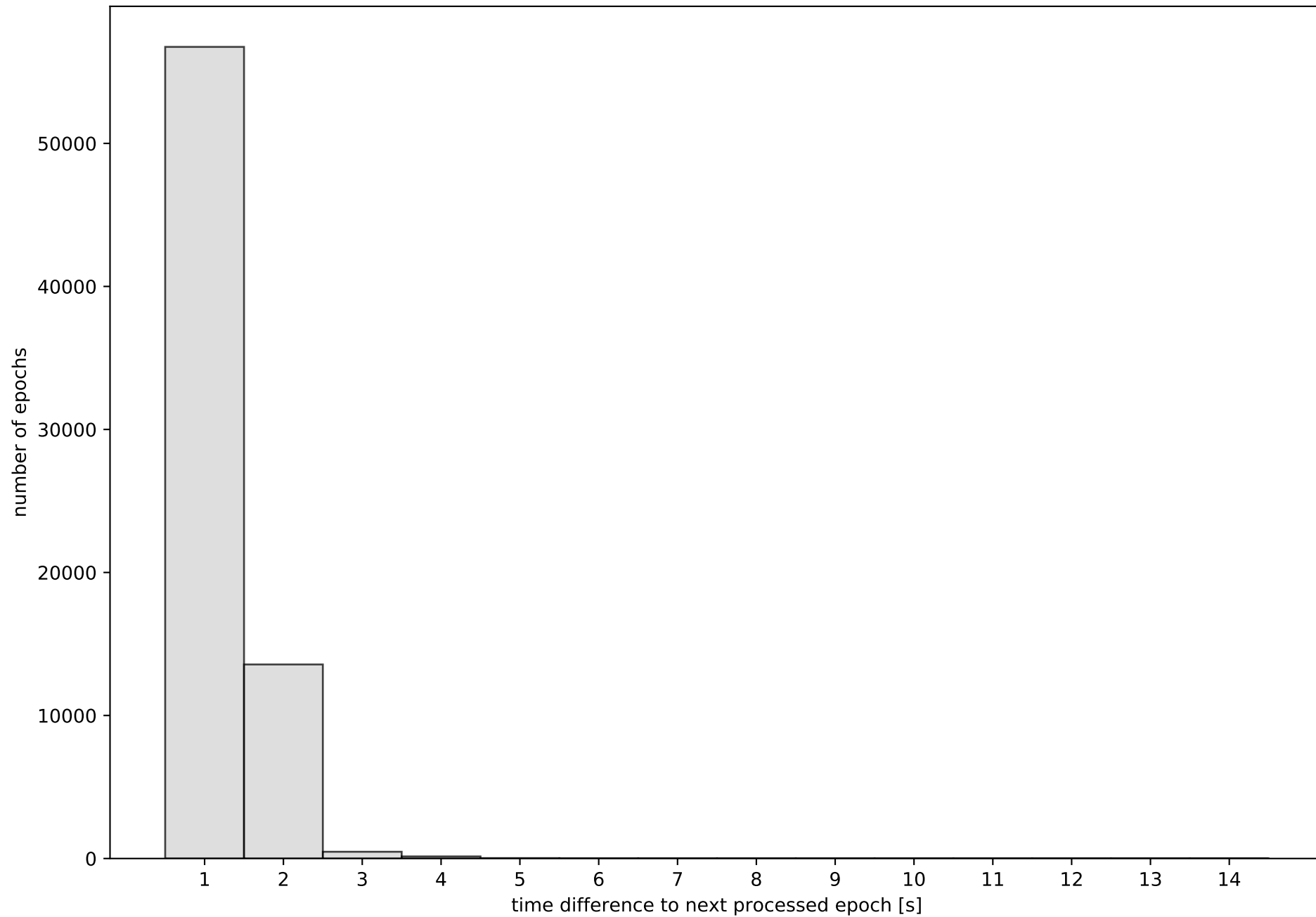
station information:

|               |                       |      |                         |                  |
|---------------|-----------------------|------|-------------------------|------------------|
| station EH01: | antenna: LEIAR20      | LEIM | receiver: LEICA GR25    | height: 801.016  |
| station EH02: | antenna: TRM59900.00  | SCIS | receiver: TRIMBLE NETR9 | height: 85.364   |
| station GOM1: | antenna: LEIAR20      | LEIM | receiver: LEICA GR50    | height: 48.789   |
| station GOME: | antenna: LEIAR20      | LEIM | receiver: LEICA GR50    | height: 114.977  |
| station IZAN: | antenna: LEIAT504GG   | LEIS | receiver: LEICA GR50    | height: 2417.44  |
| station LP01: | antenna: TRM57971.00  | NONE | receiver: TRIMBLE ALLOY | height: 675.249  |
| station LP03: | antenna: TRM59900.00  | NONE | receiver: TRIMBLE NETR9 | height: 919.563  |
| station LPAL: | antenna: LEIAR20      | LEIM | receiver: LEICA GR50    | height: 2199.31  |
| station LRES: | antenna: LEIAR20      | NONE | receiver: LEICA GR25    | height: 51.241   |
| station TN01: | antenna: LEIAR20      | LEIM | receiver: LEICA GR50    | height: 51.859   |
| station TN02: | antenna: TRM159900.00 | SCIS | receiver: TRIMBLE ALLOY | height: 54.509   |
| station TN03: | antenna: TRM159900.00 | SCIS | receiver: TRIMBLE ALLOY | height: 58.588   |
| station TN04: | antenna: LEIAT504     | LEIS | receiver: LEICA GR50    | height: 1468.105 |
| station TN06: | antenna: LEIAR20      | NONE | receiver: LEICA GR50    | height: 1053.548 |
| station TN09: | antenna: LEIAR20      | NONE | receiver: LEICA GR50    | height: 1582.15  |
| station TE11: | antenna: LEIAR10      | NONE | receiver: LEICA GR25    | height: 2092.021 |

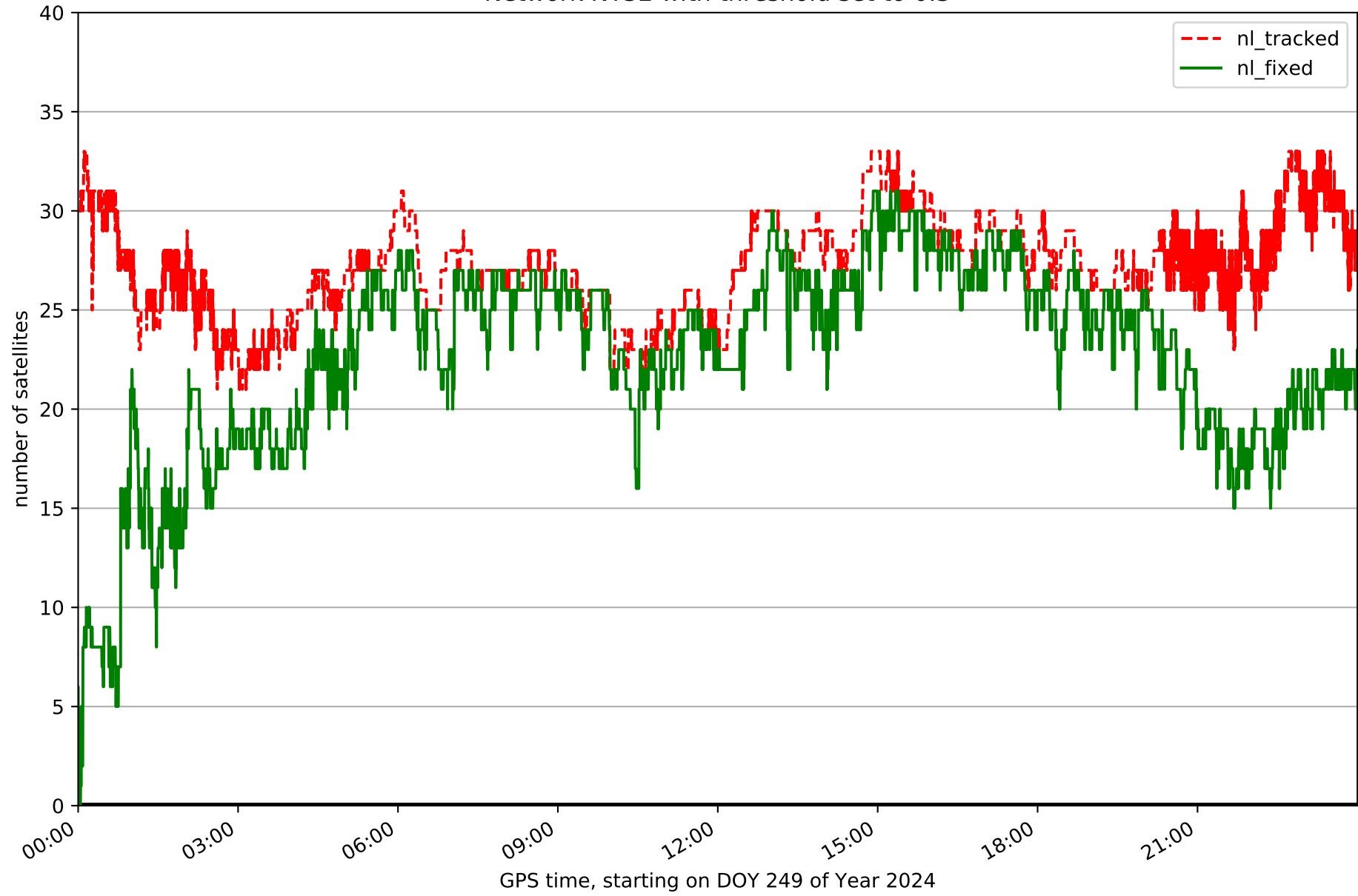
Processing rate in network NT32



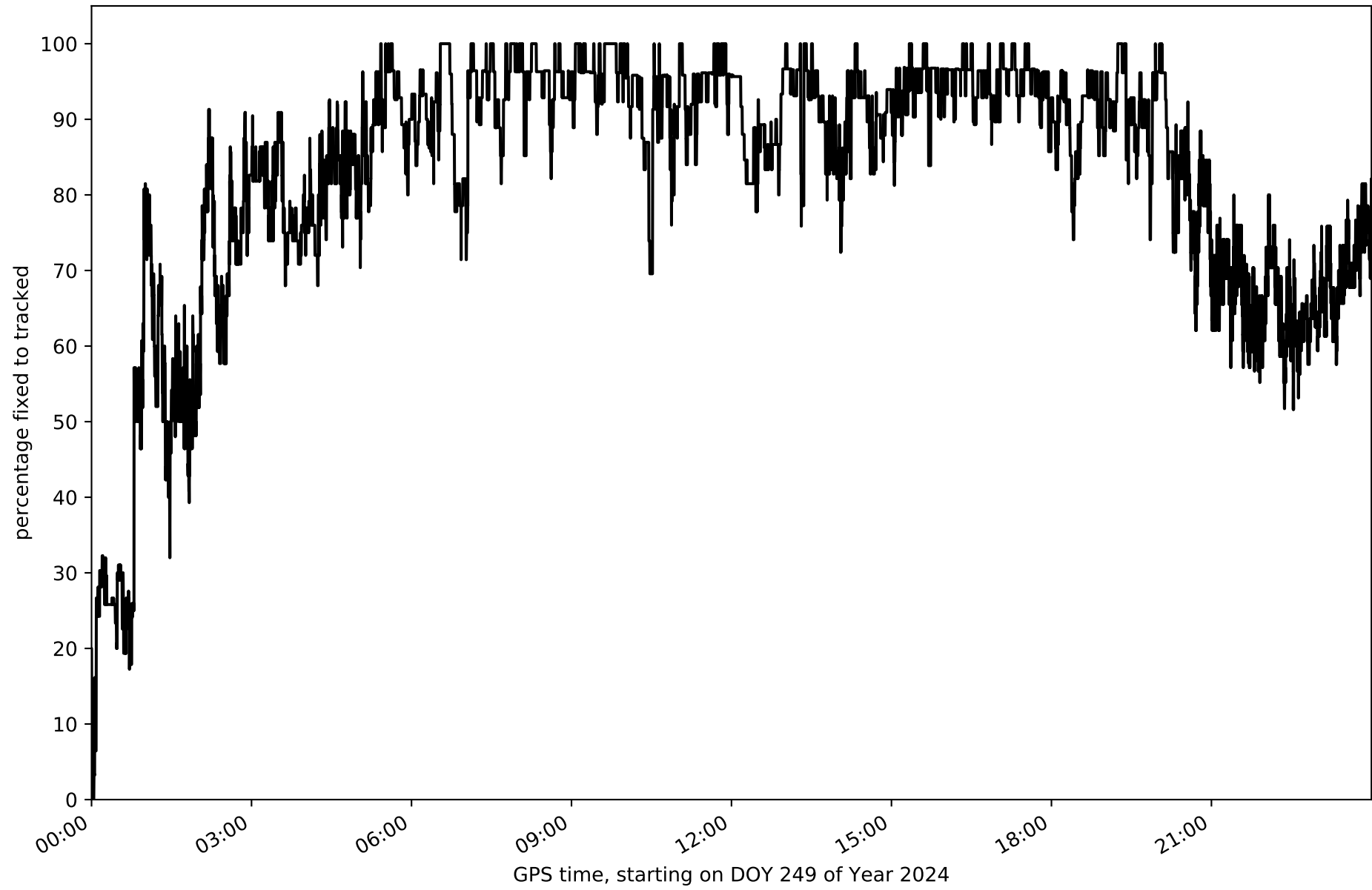
Histogram of the processing rate in network NT32 (durations larger 15 seconds neglected)



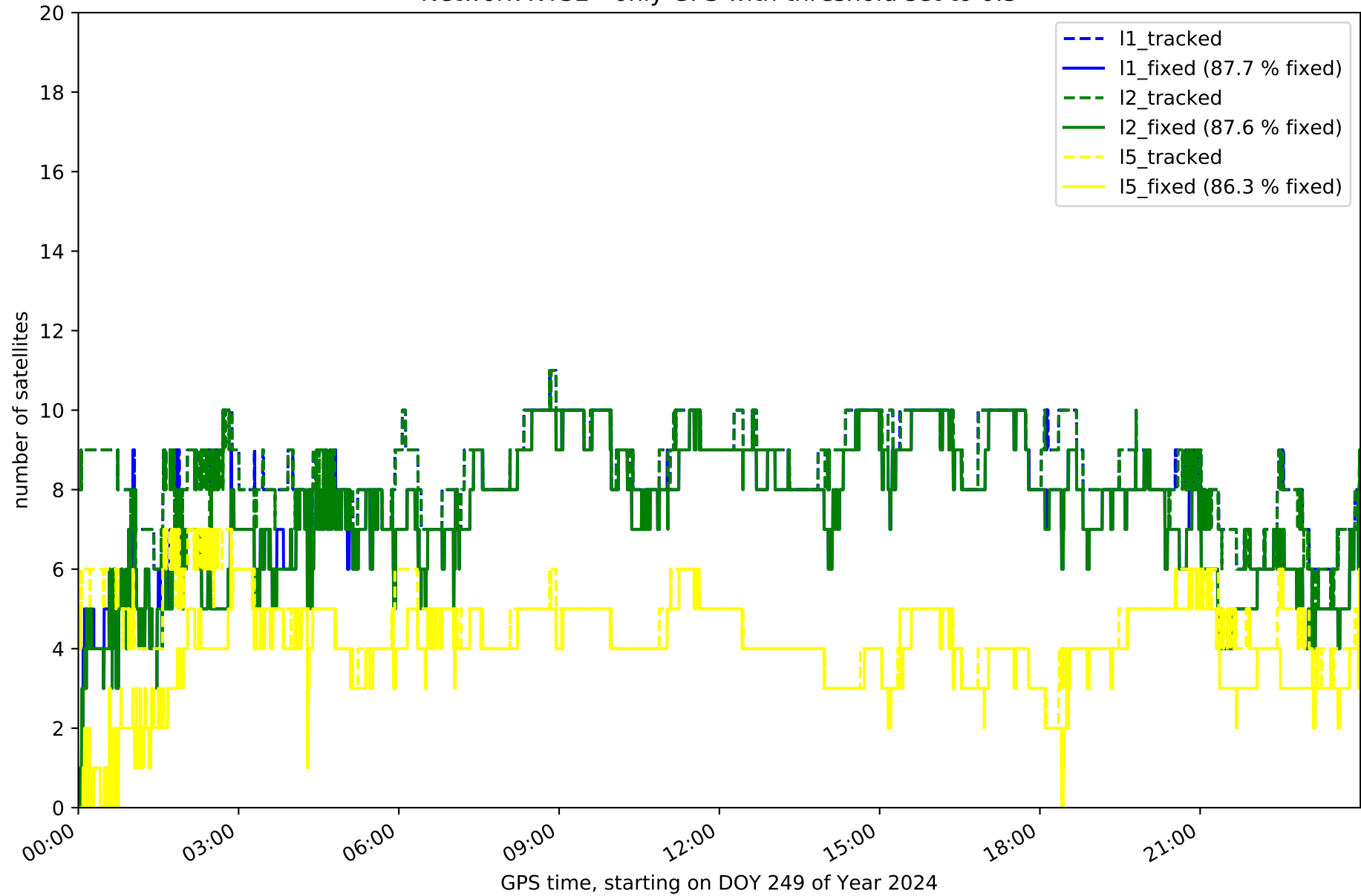
Network NT32 with threshold set to 0.3



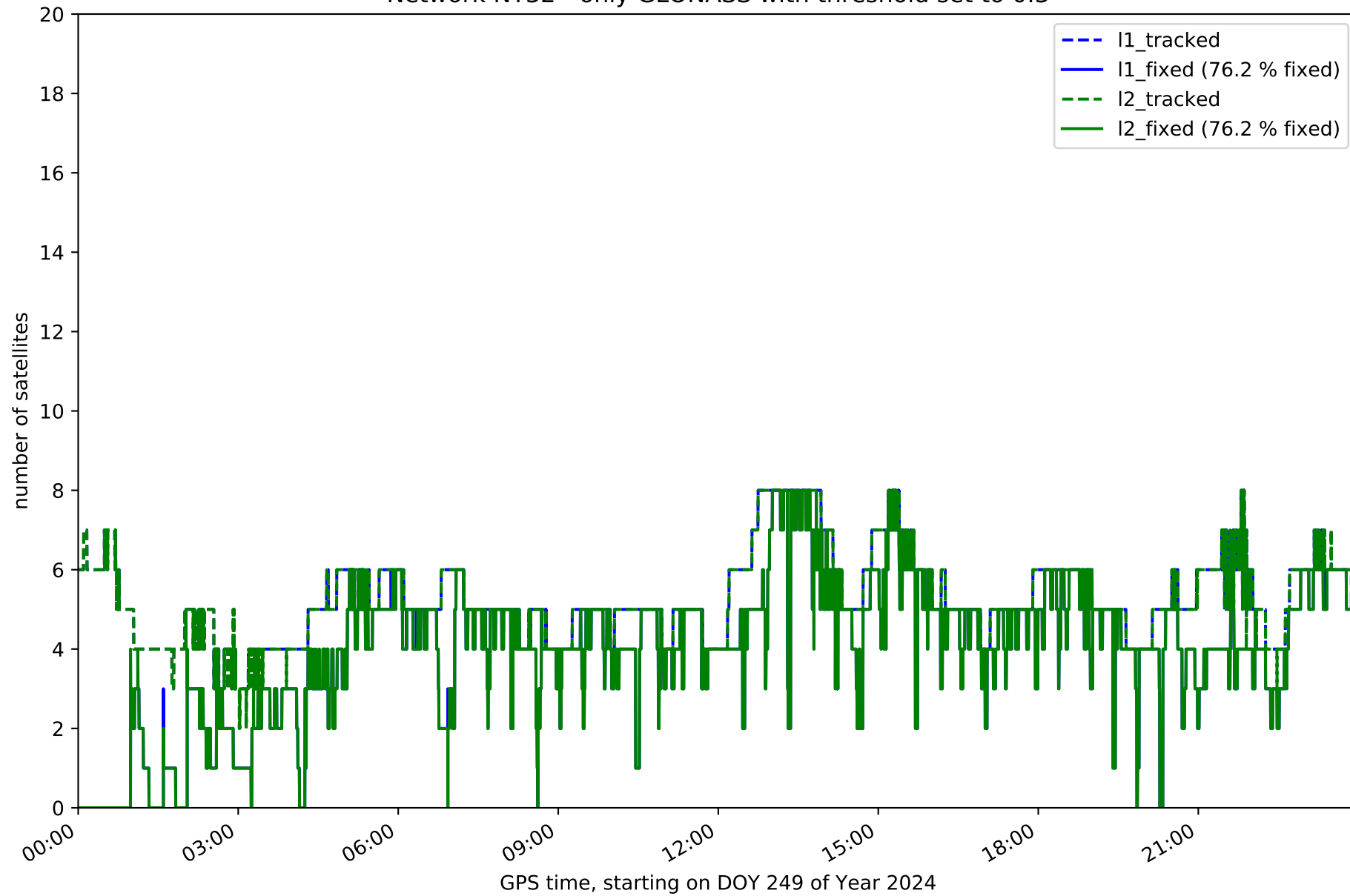
Fixing percentage of satellites in network NT32 with threshold set to 0.3



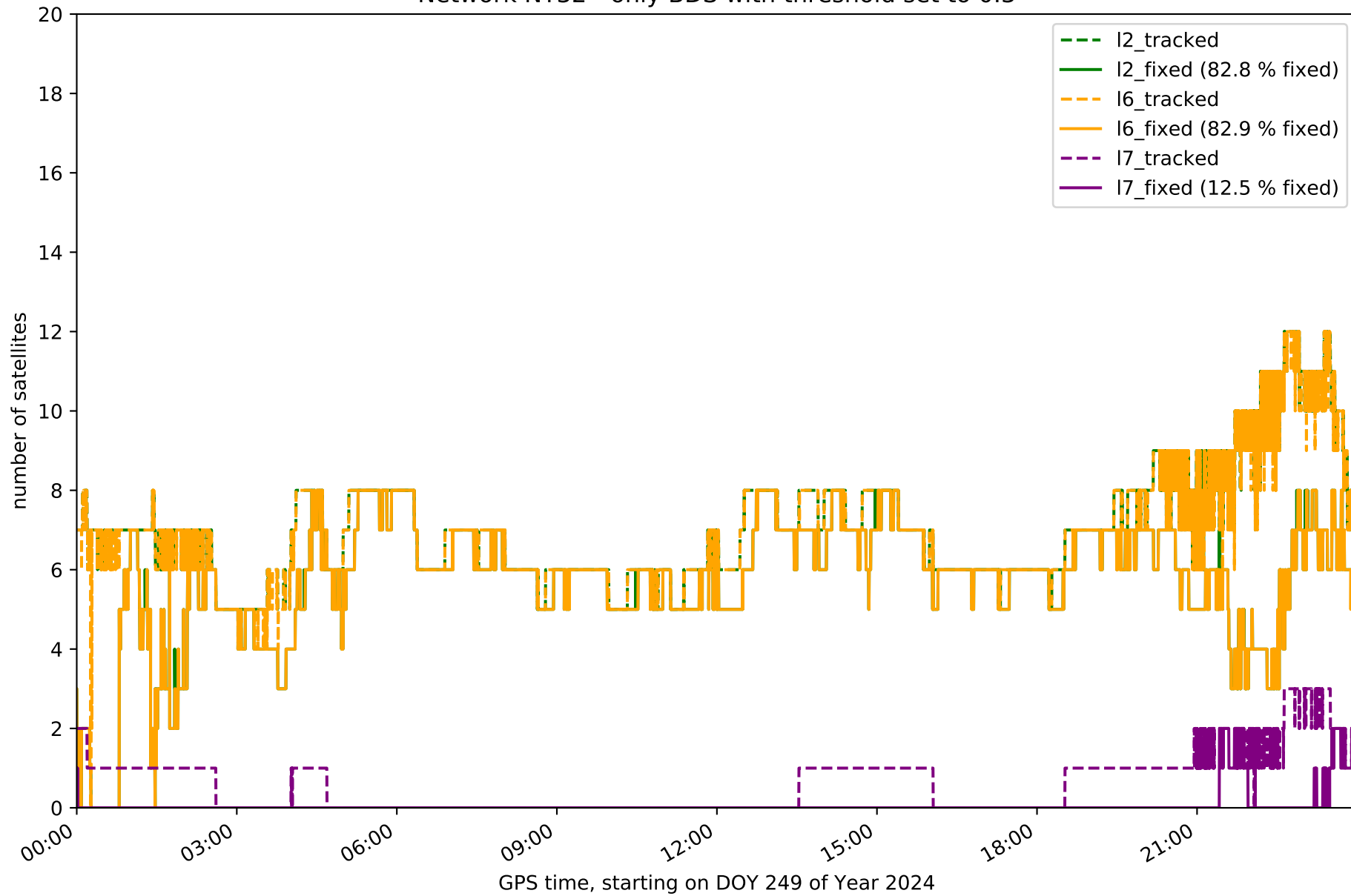
Network NT32 - only GPS with threshold set to 0.3



Network NT32 - only GLONASS with threshold set to 0.3

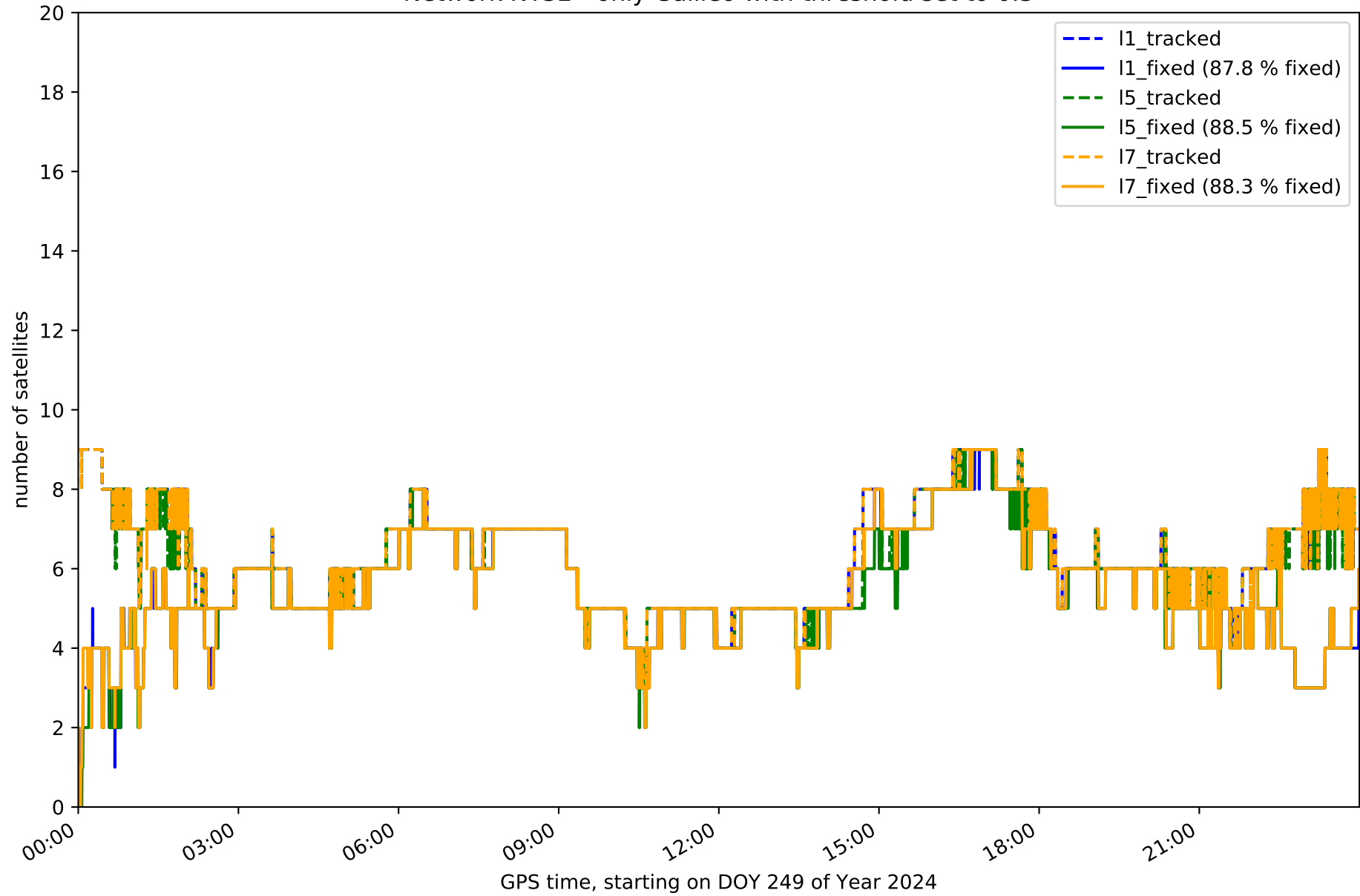


Network NT32 - only BDS with threshold set to 0.3

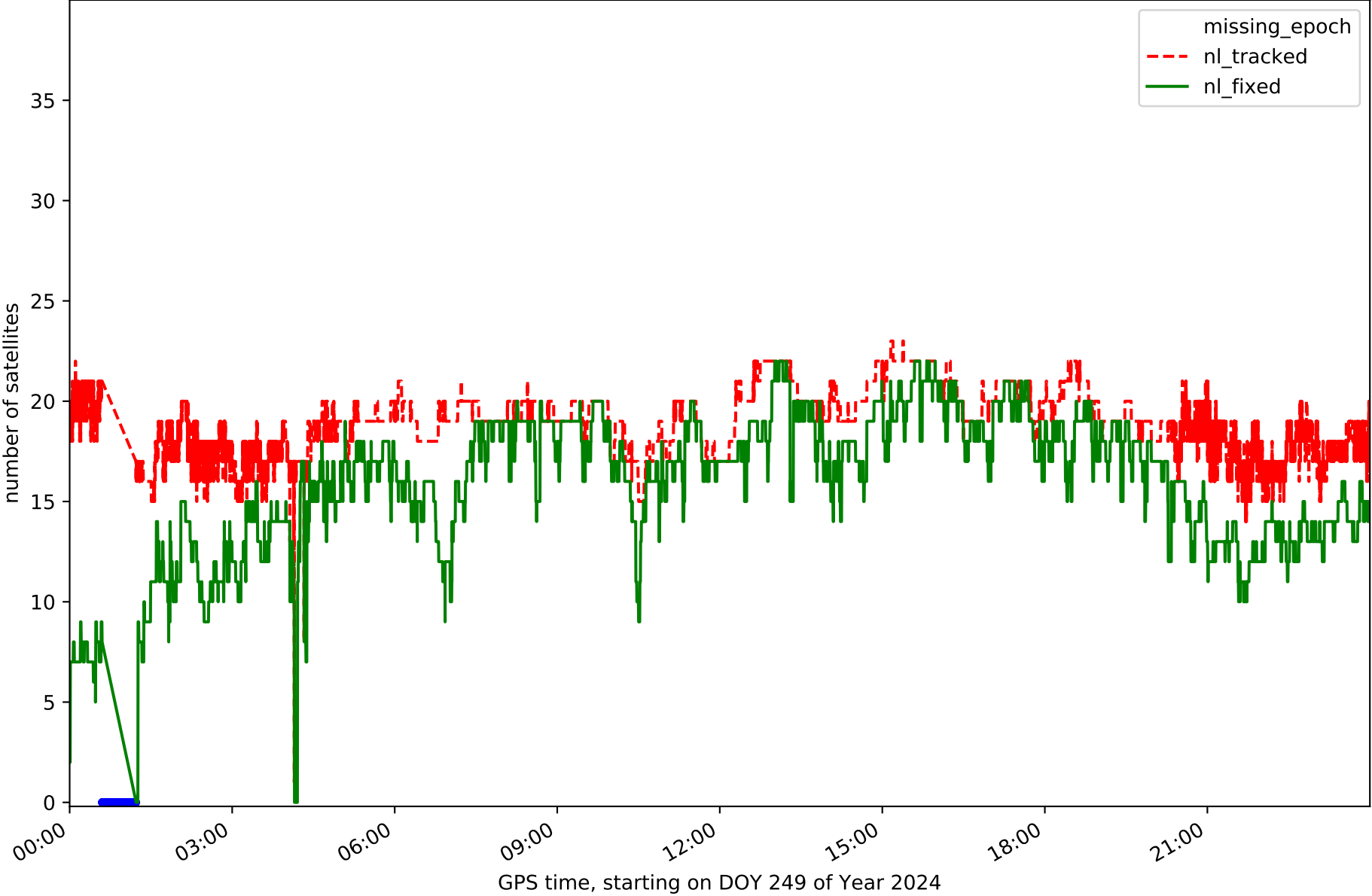




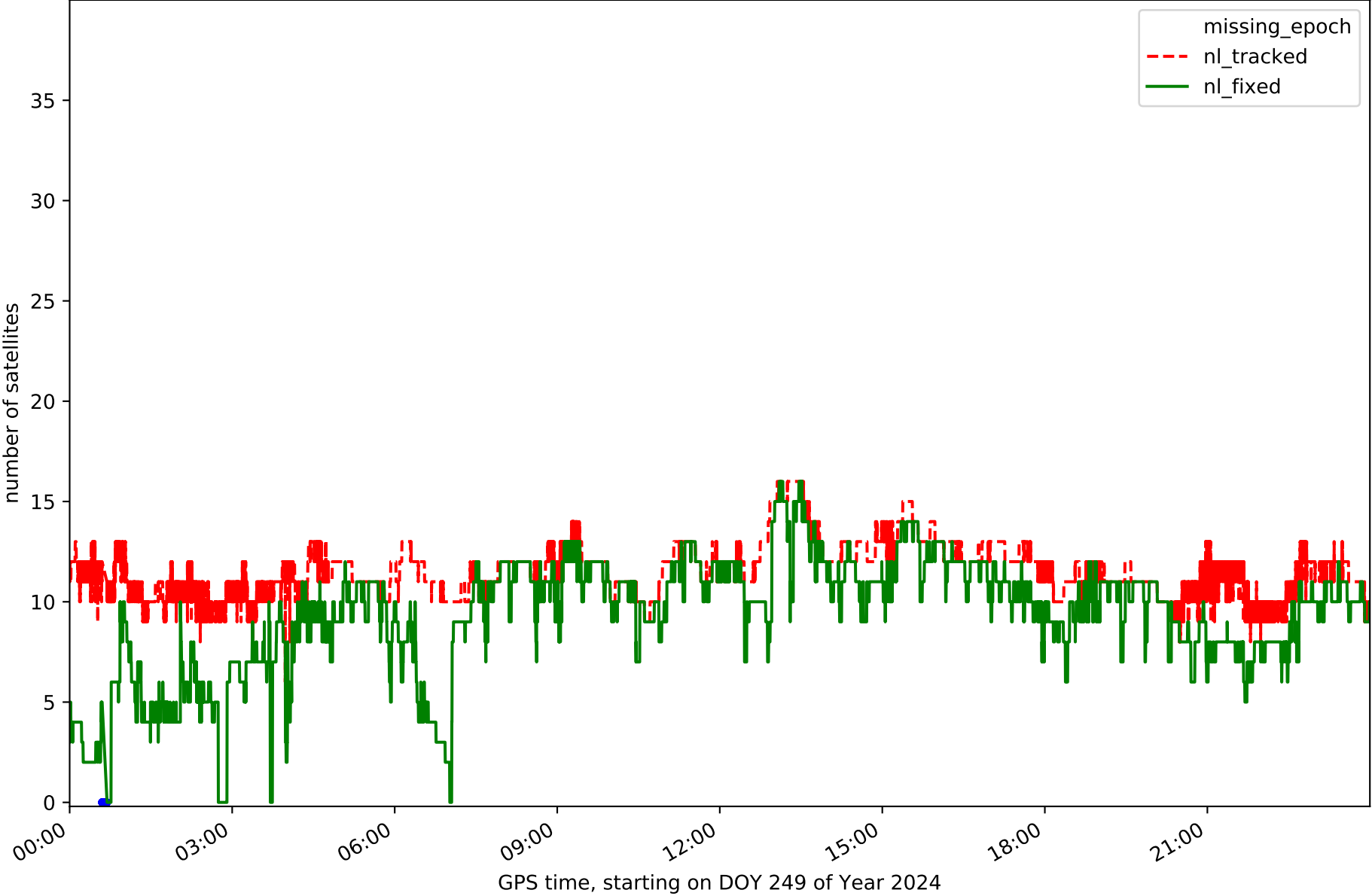
Network NT32 - only Galileo with threshold set to 0.3



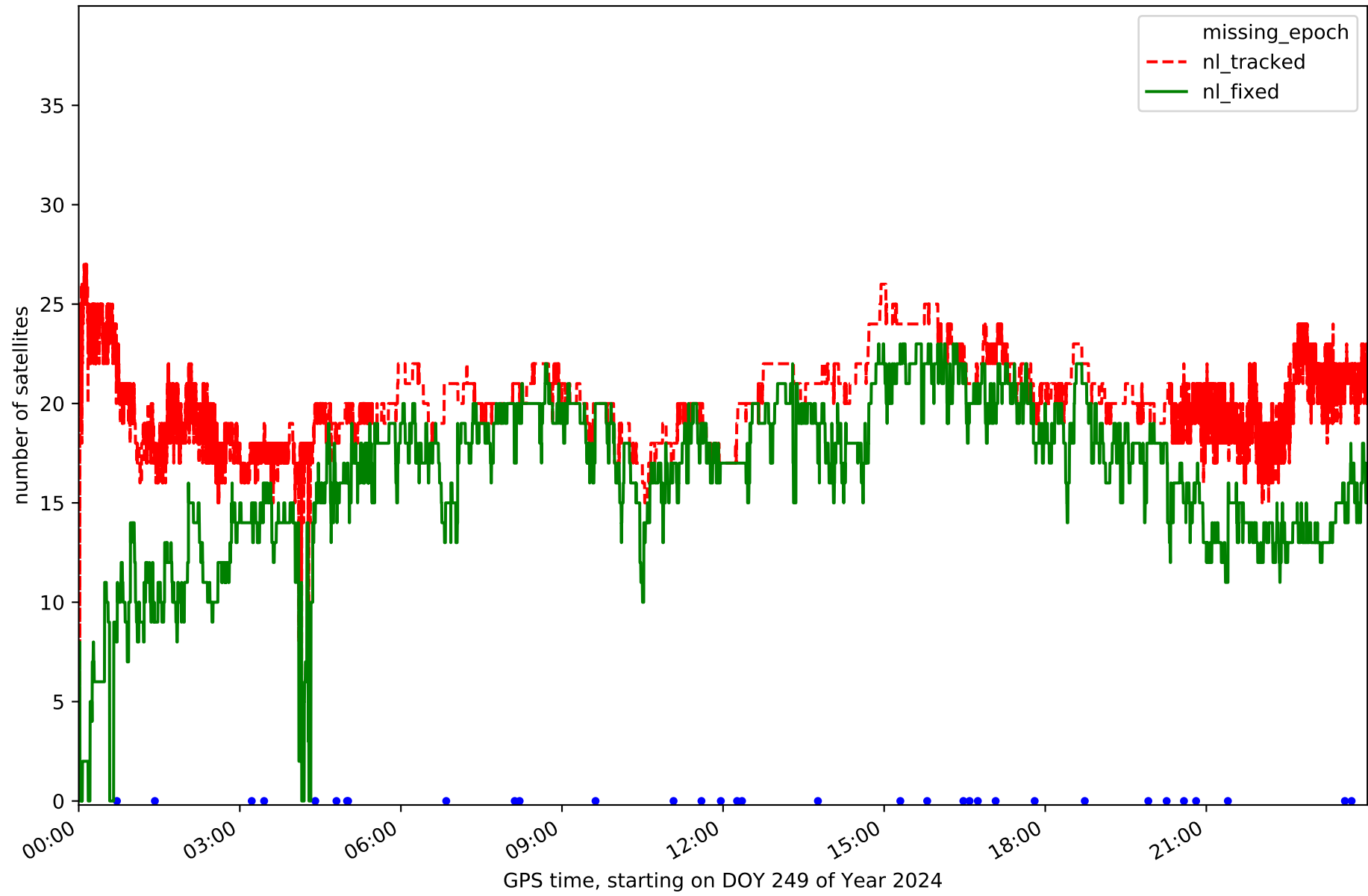
Station EH01 in network NT32



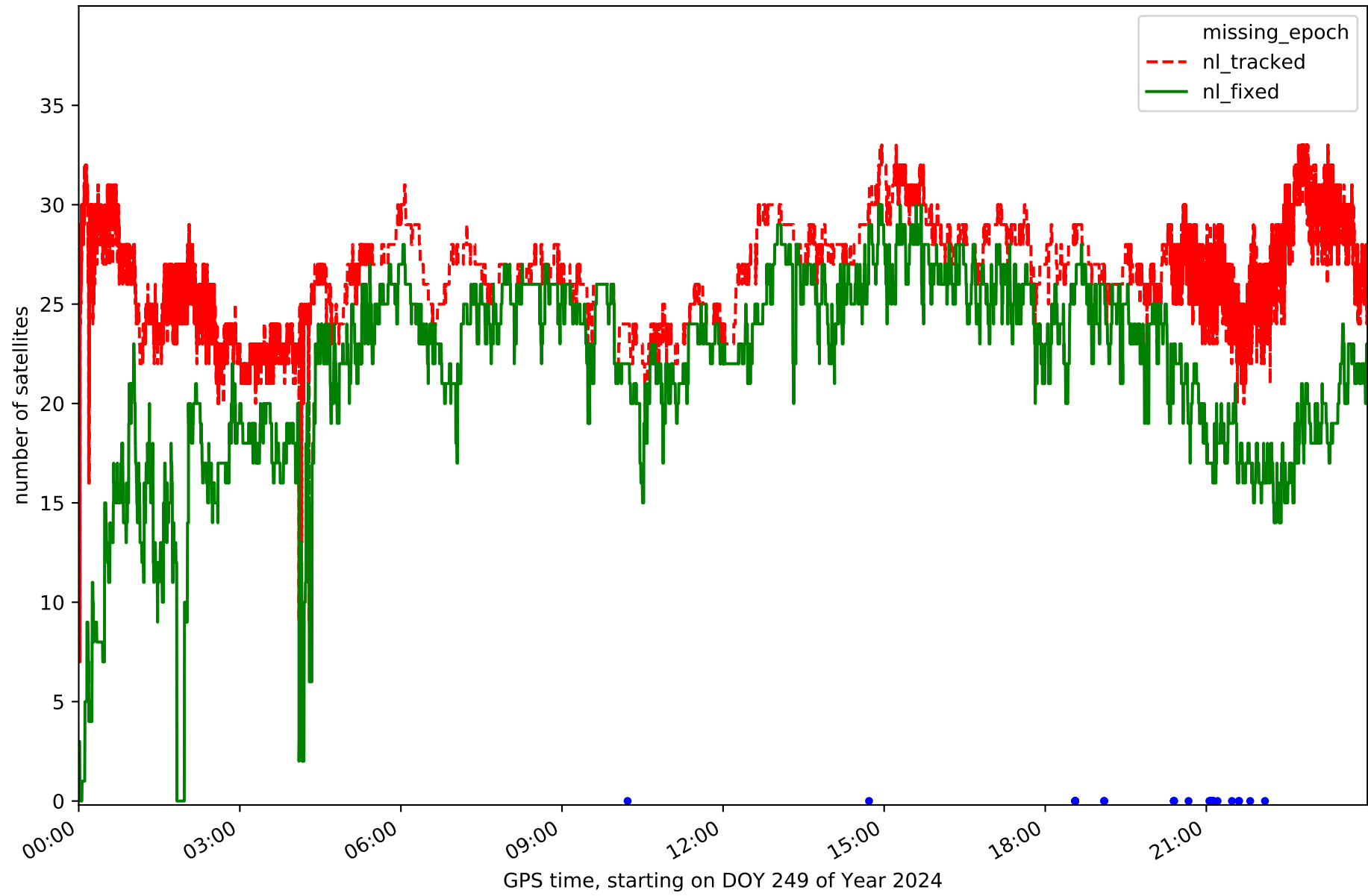
Station EH02 in network NT32



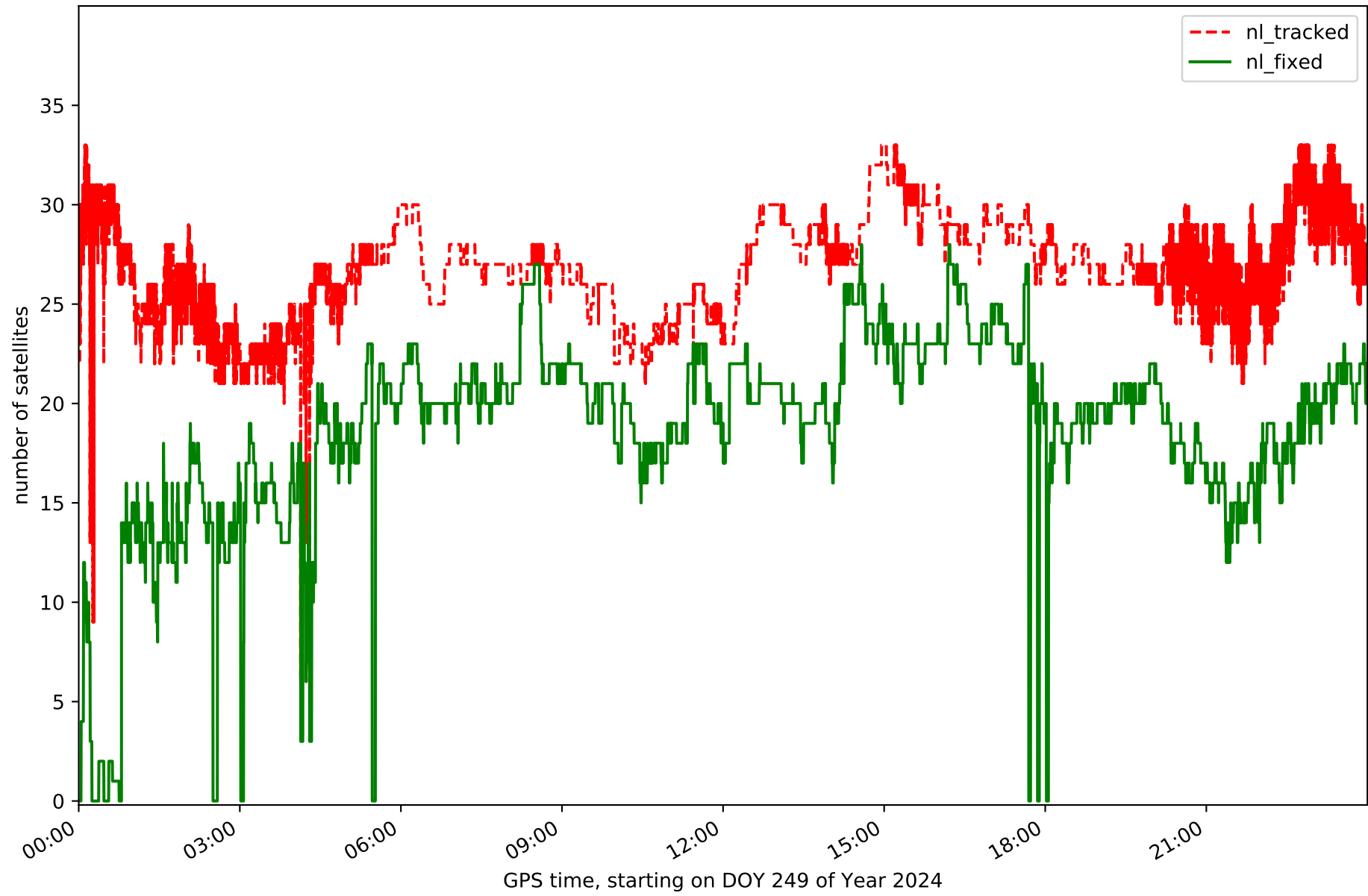
Station GOM1 in network NT32



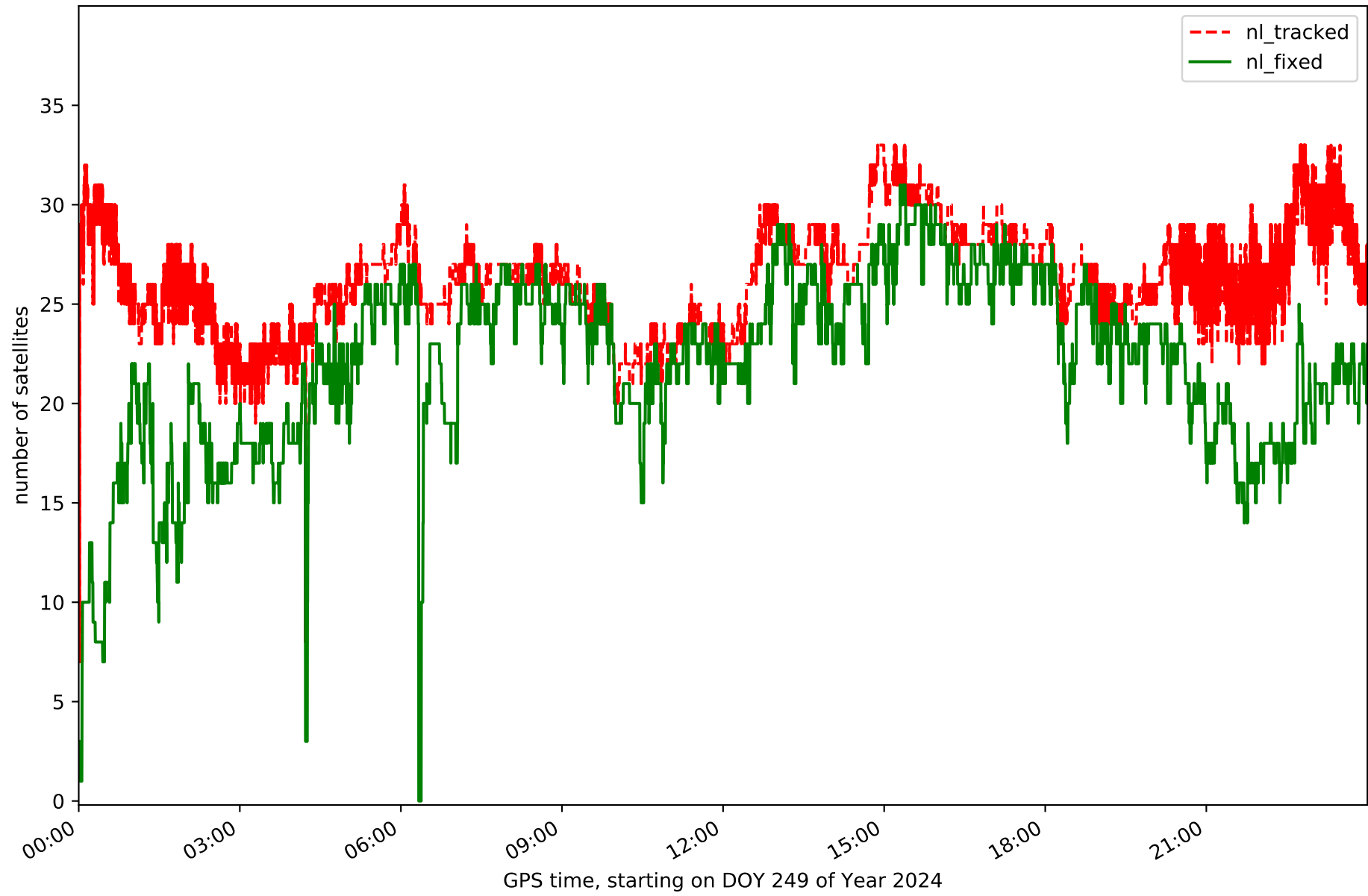
Station GOME in network NT32



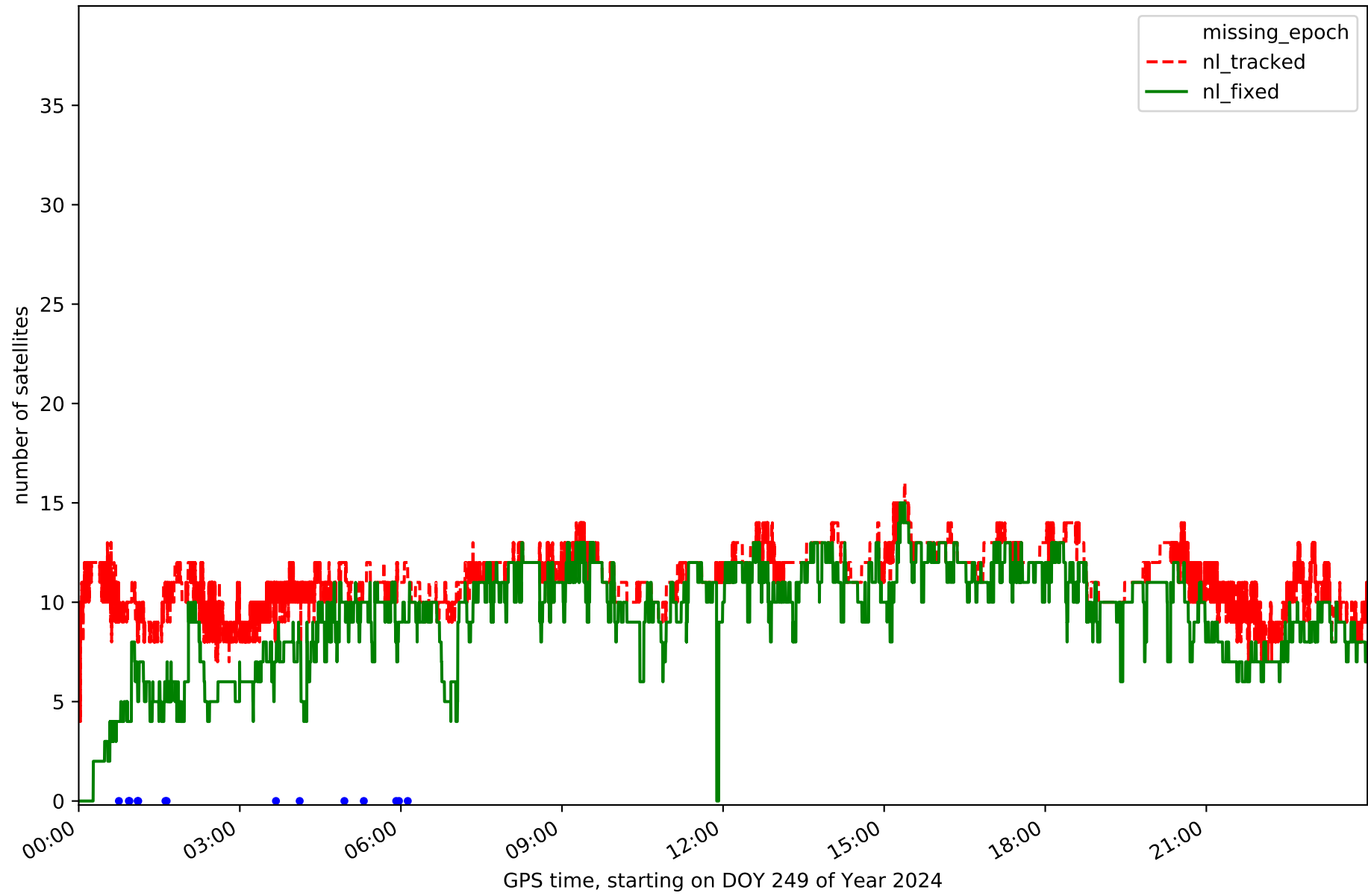
Station IZAN in network NT32



Station LP01 in network NT32

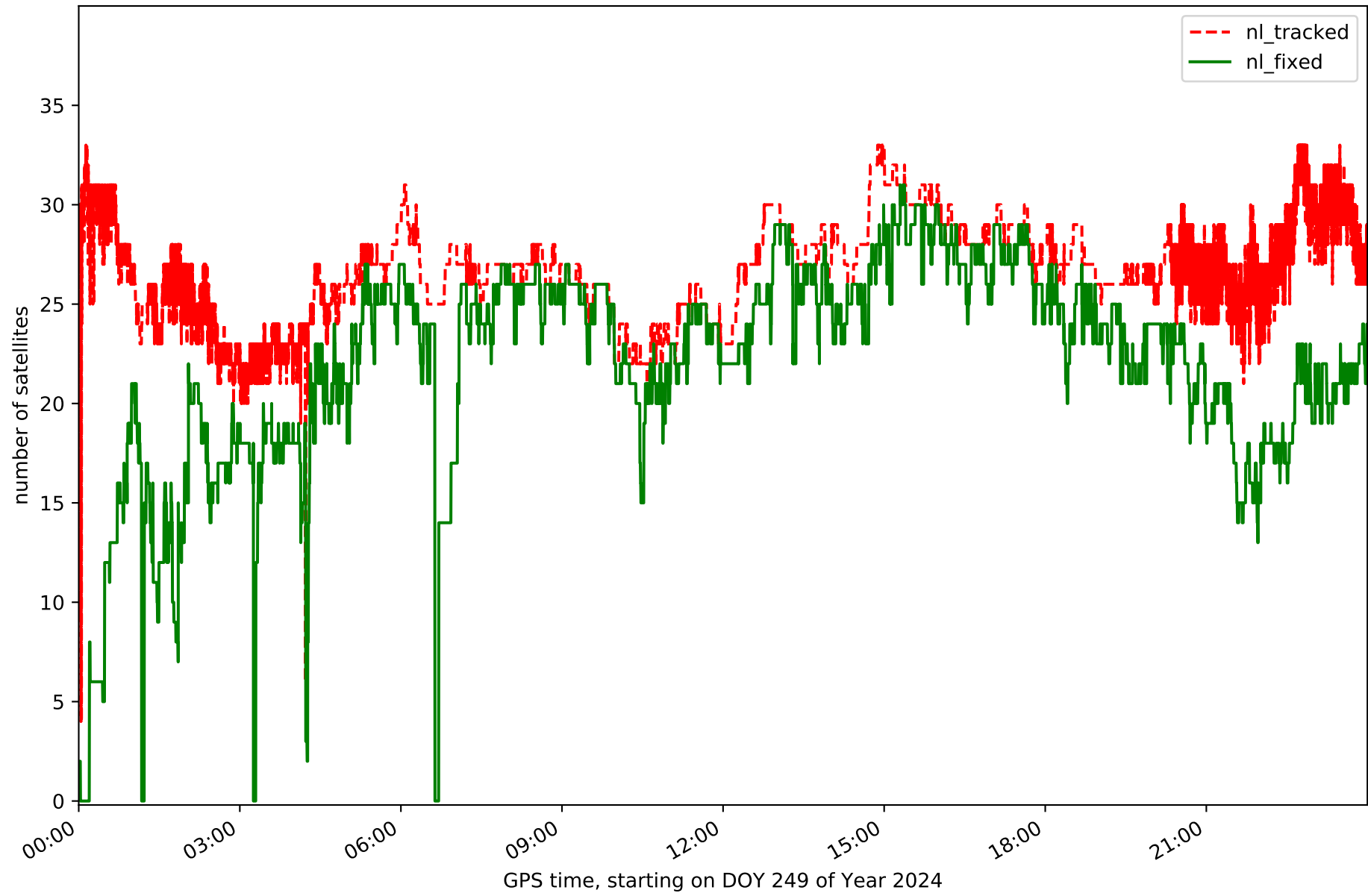


Station LP03 in network NT32

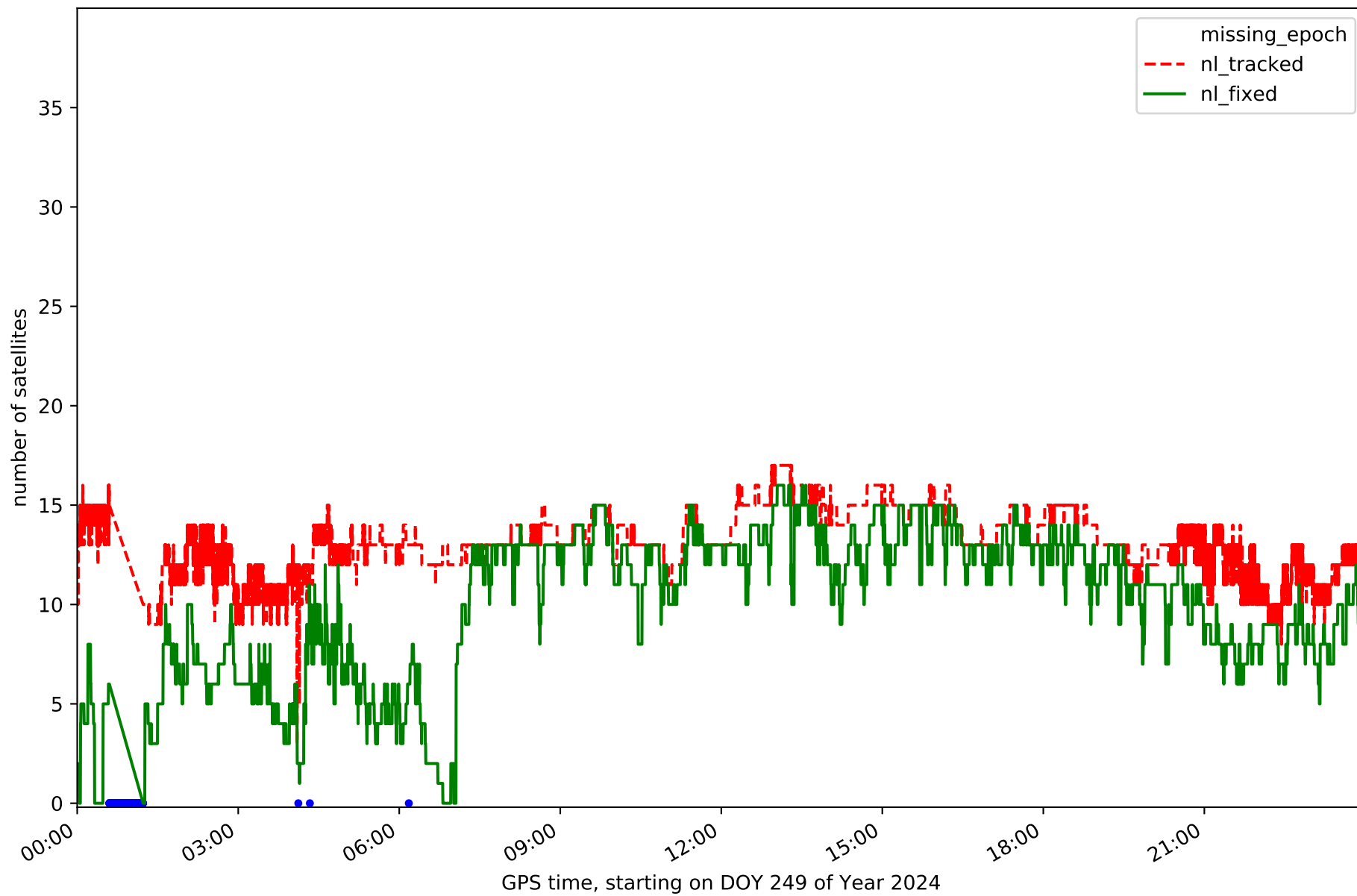




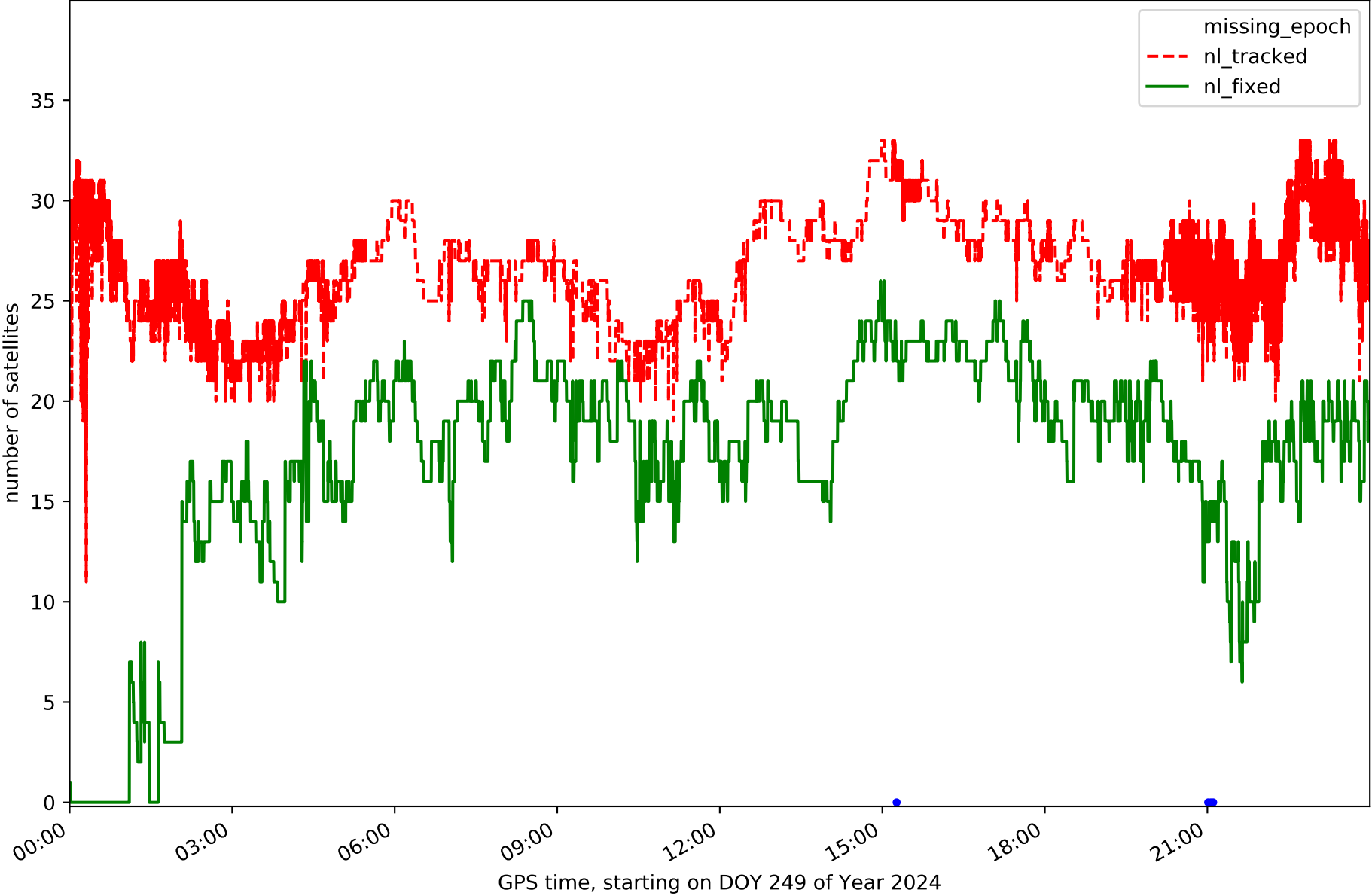
Station LPAL in network NT32



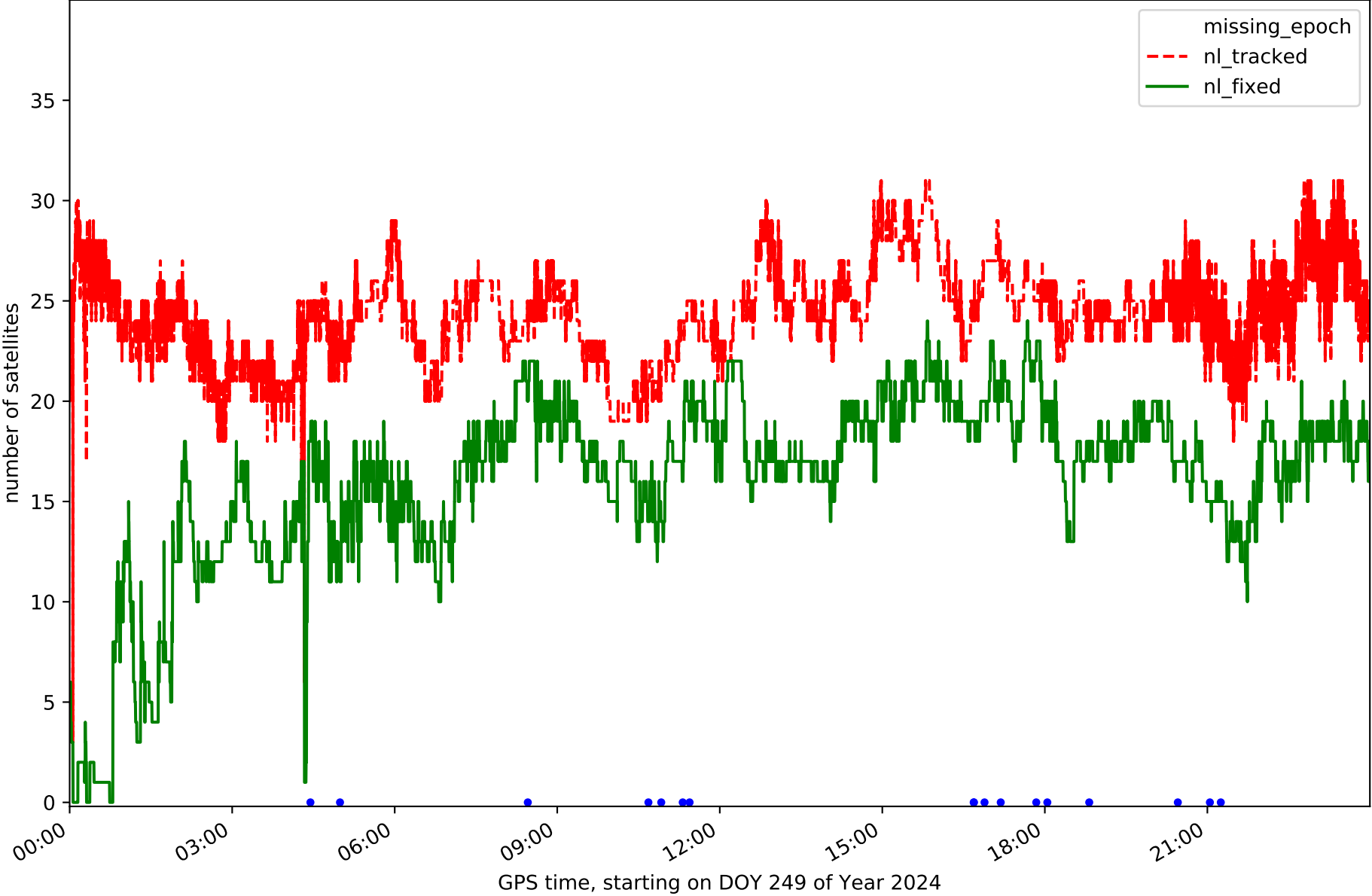
Station LRES in network NT32



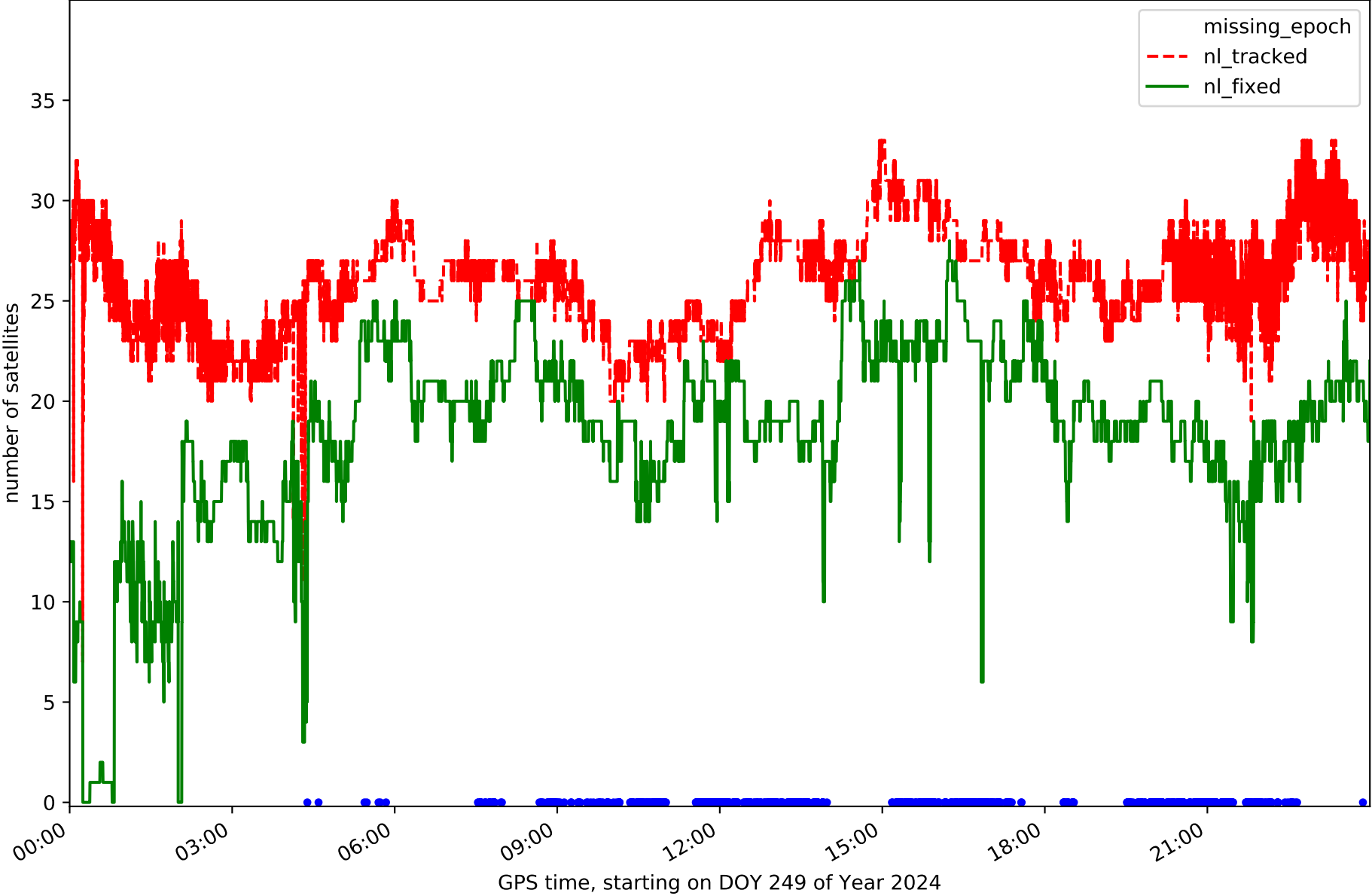
Station TN01 in network NT32



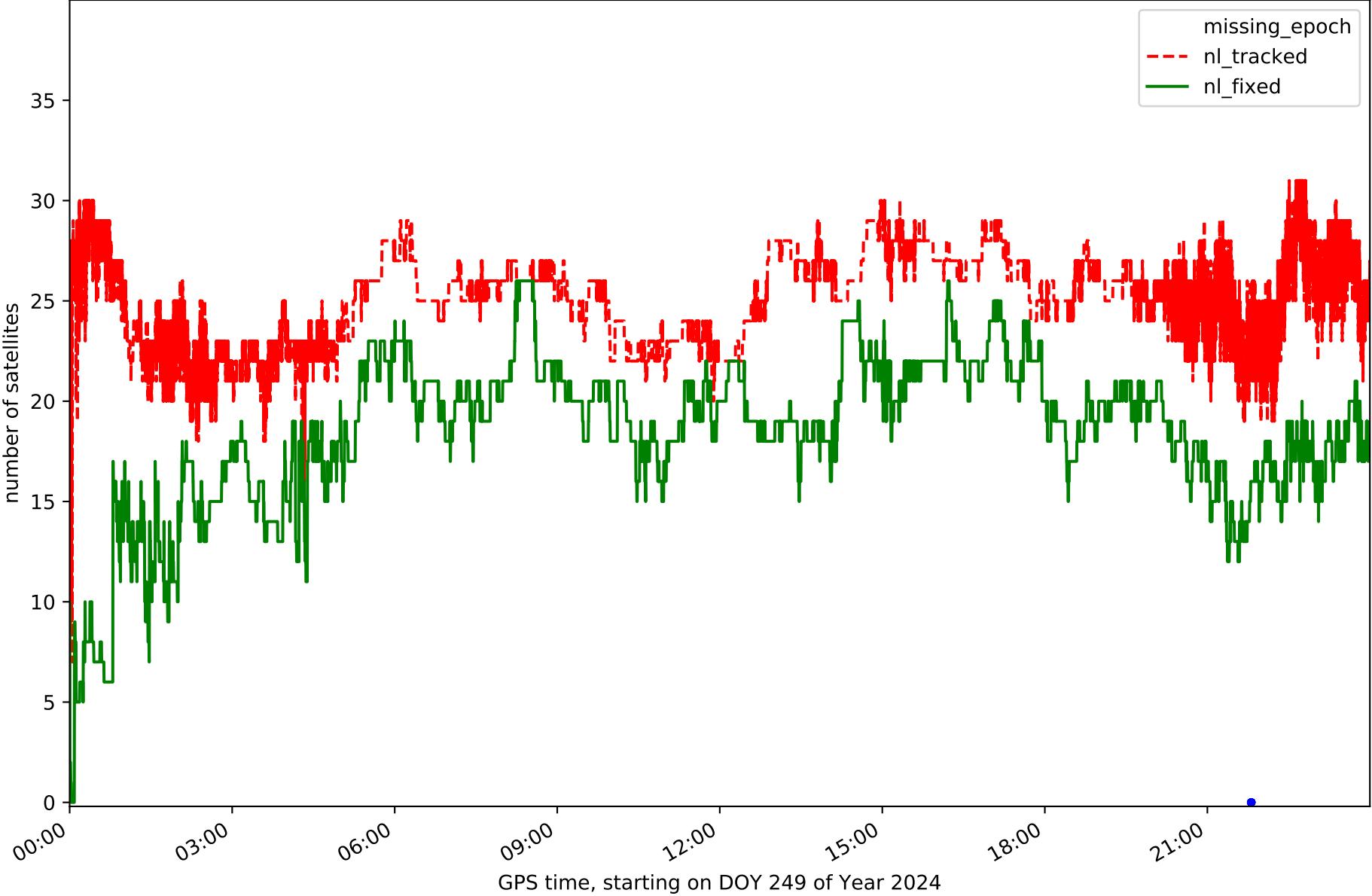
Station TN02 in network NT32



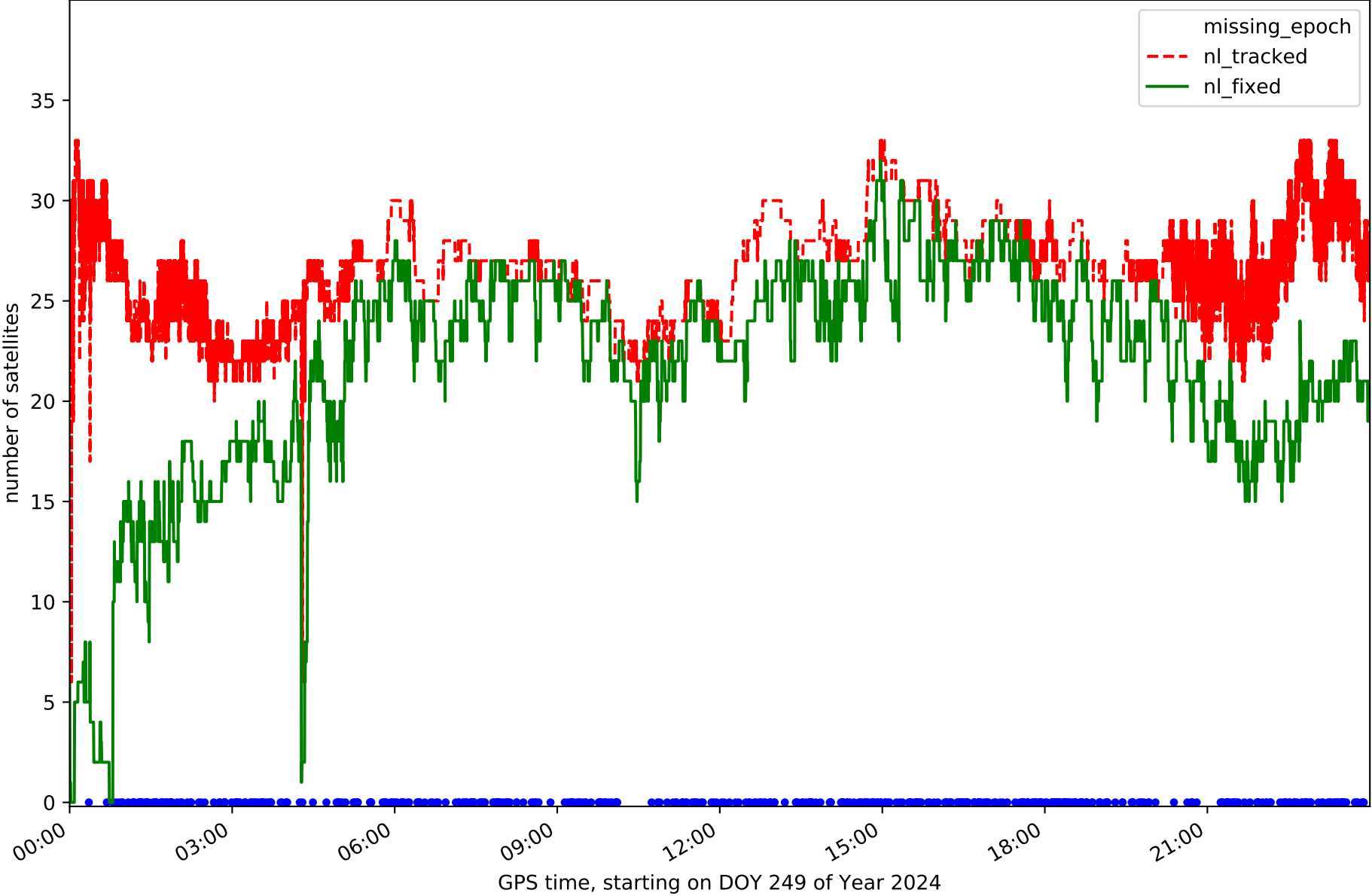
Station TN03 in network NT32



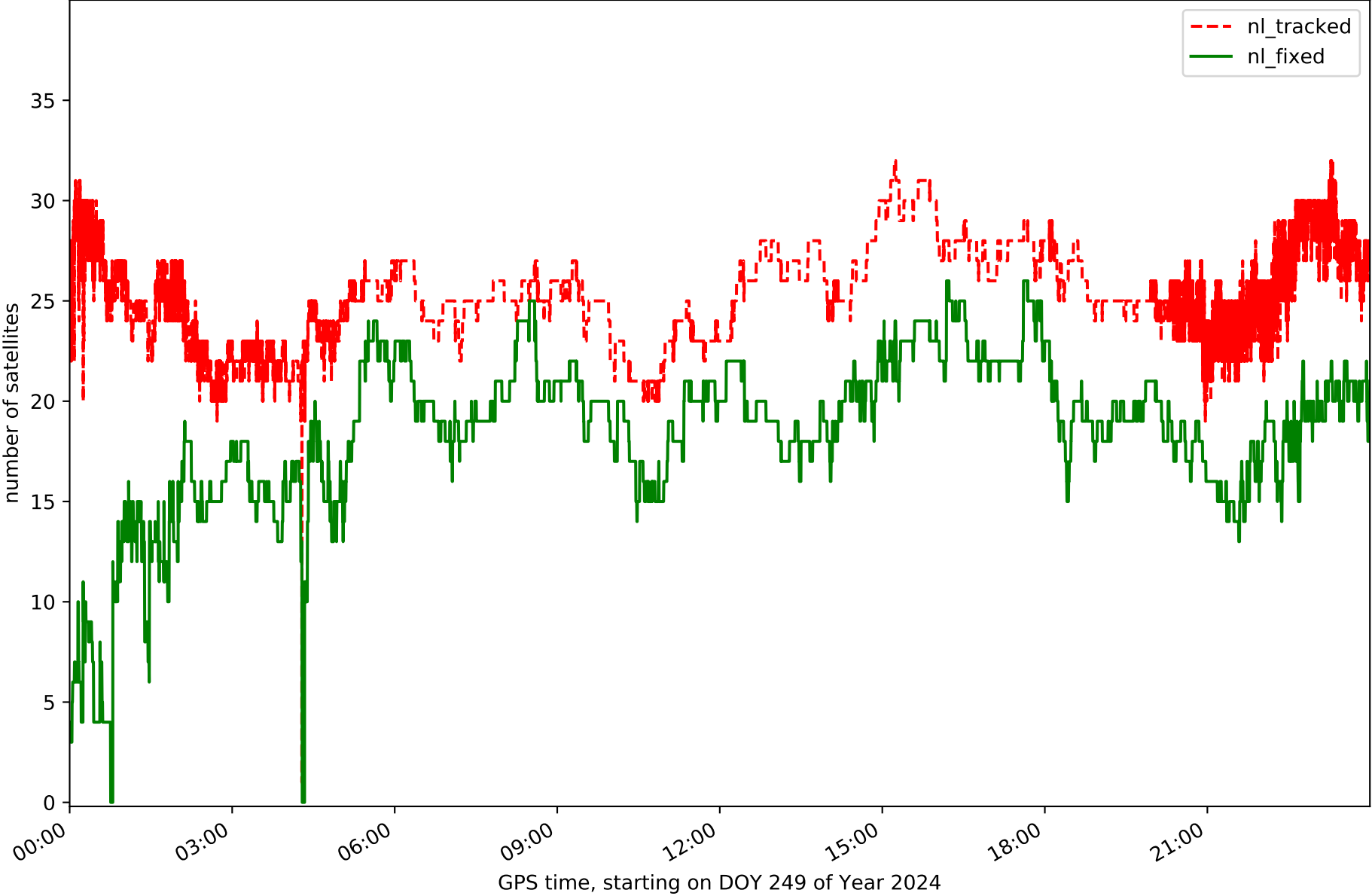
Station TN04 in network NT32



Station TN06 in network NT32

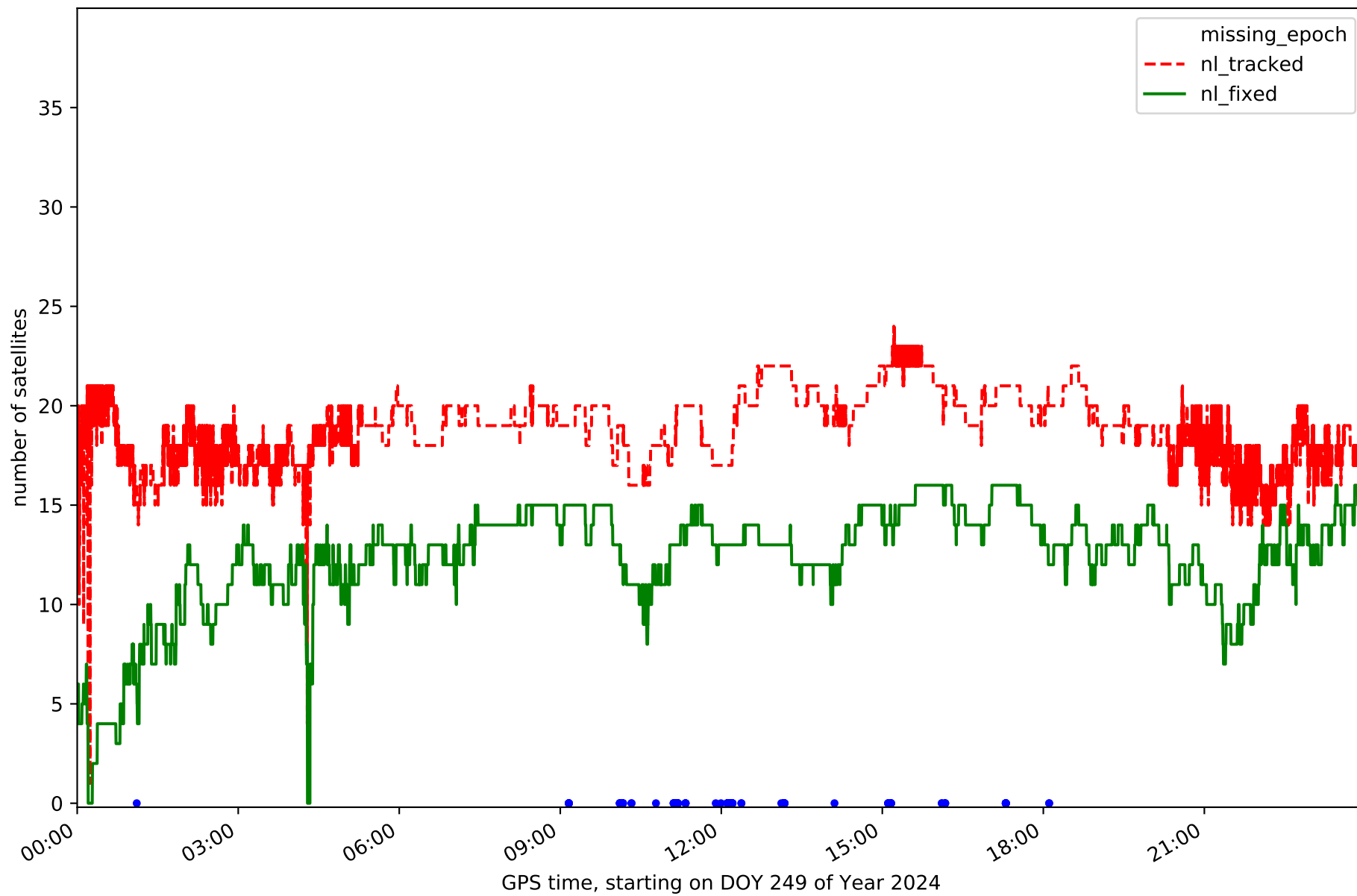


Station TN09 in network NT32

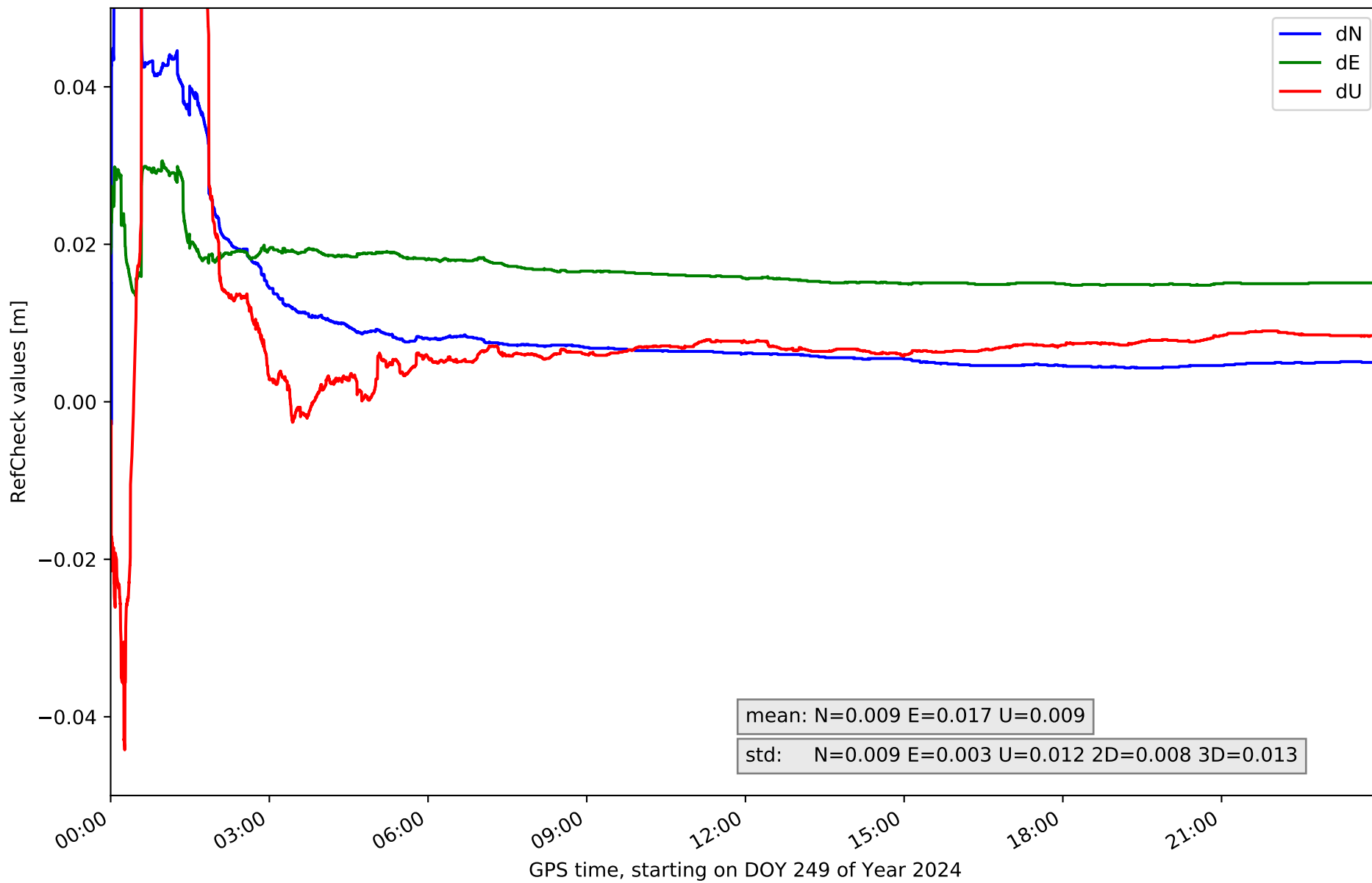




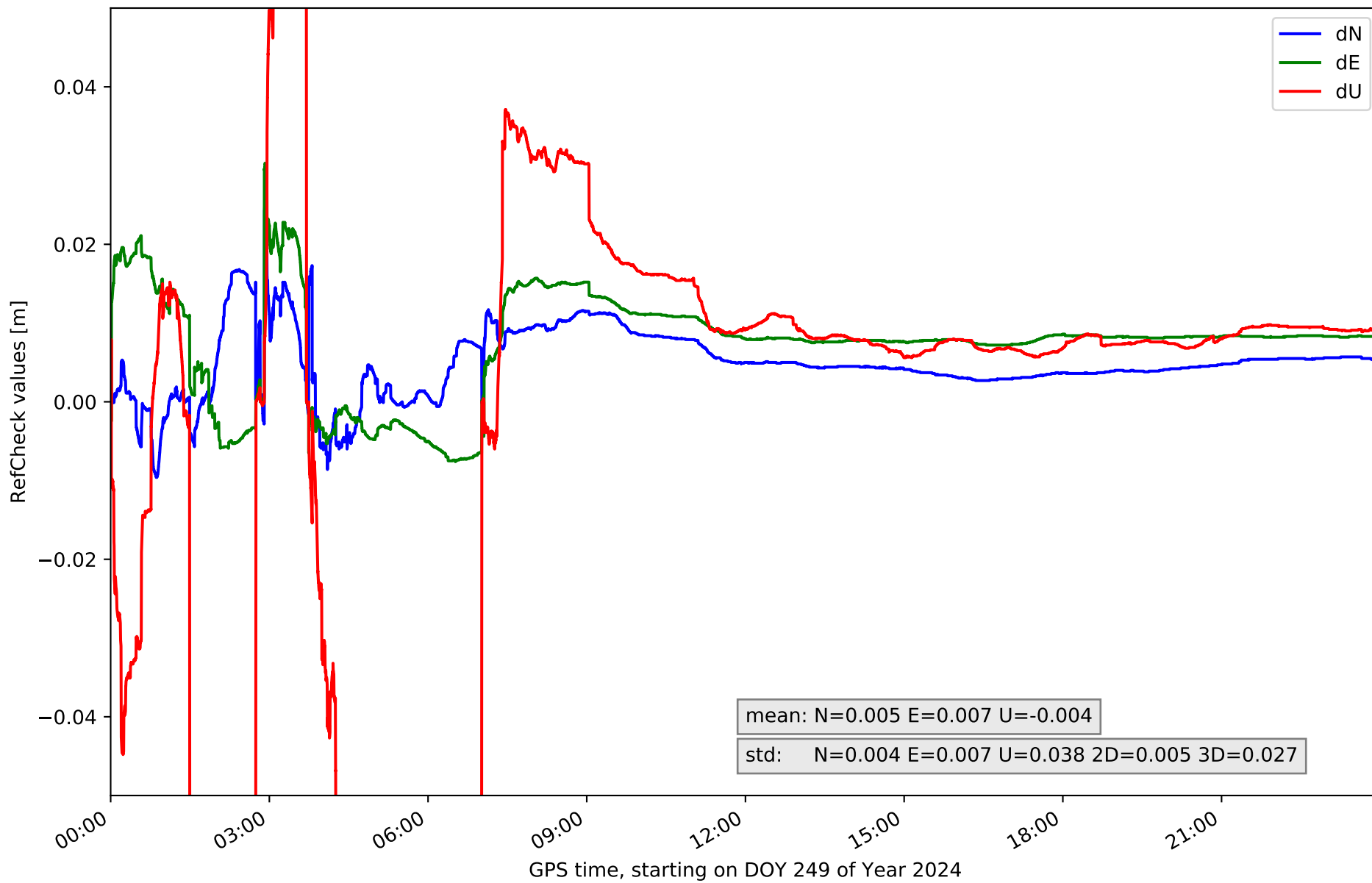
Station TE11 in network NT32



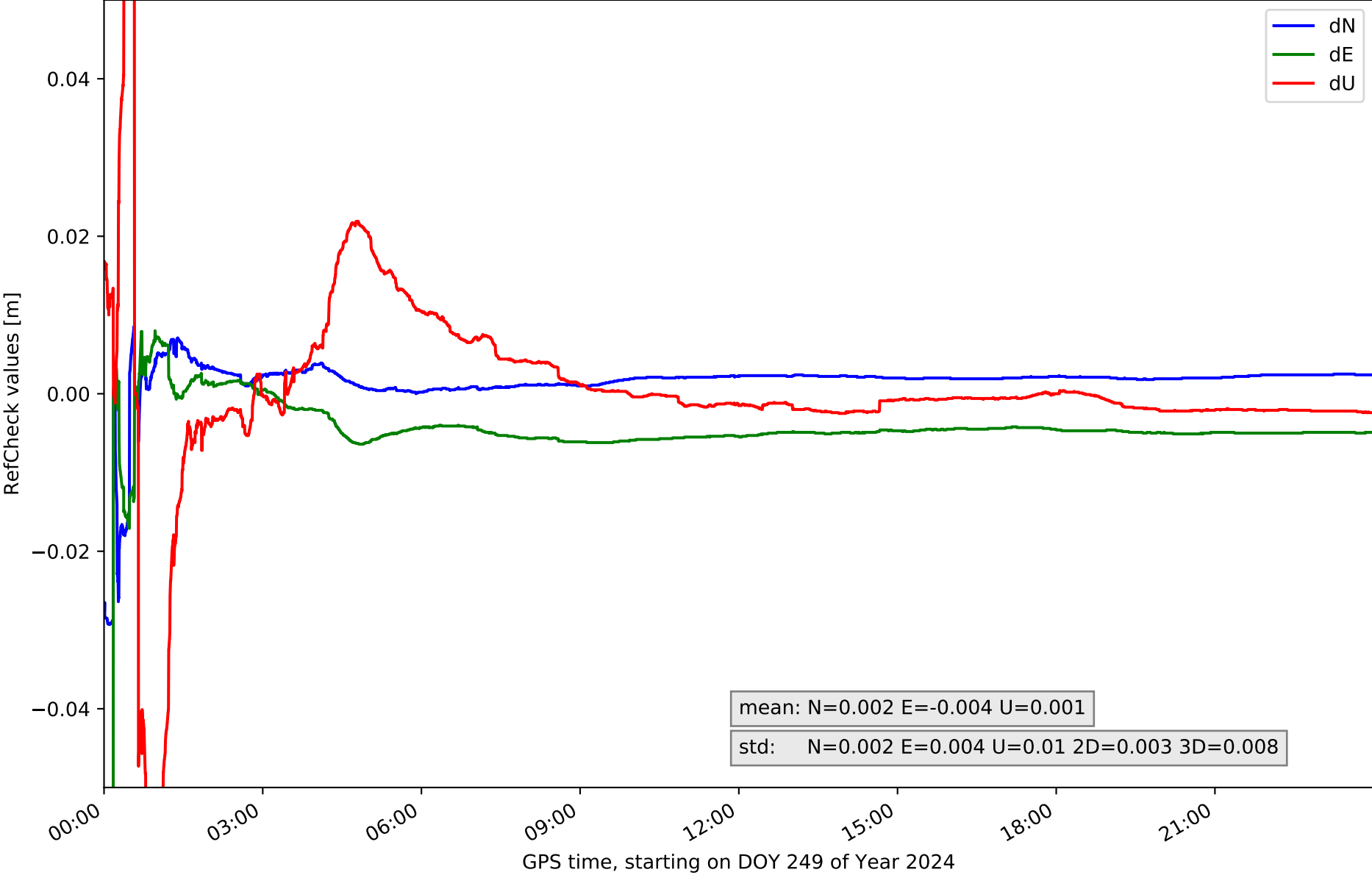
RefCheck for station EH01 in network NT32



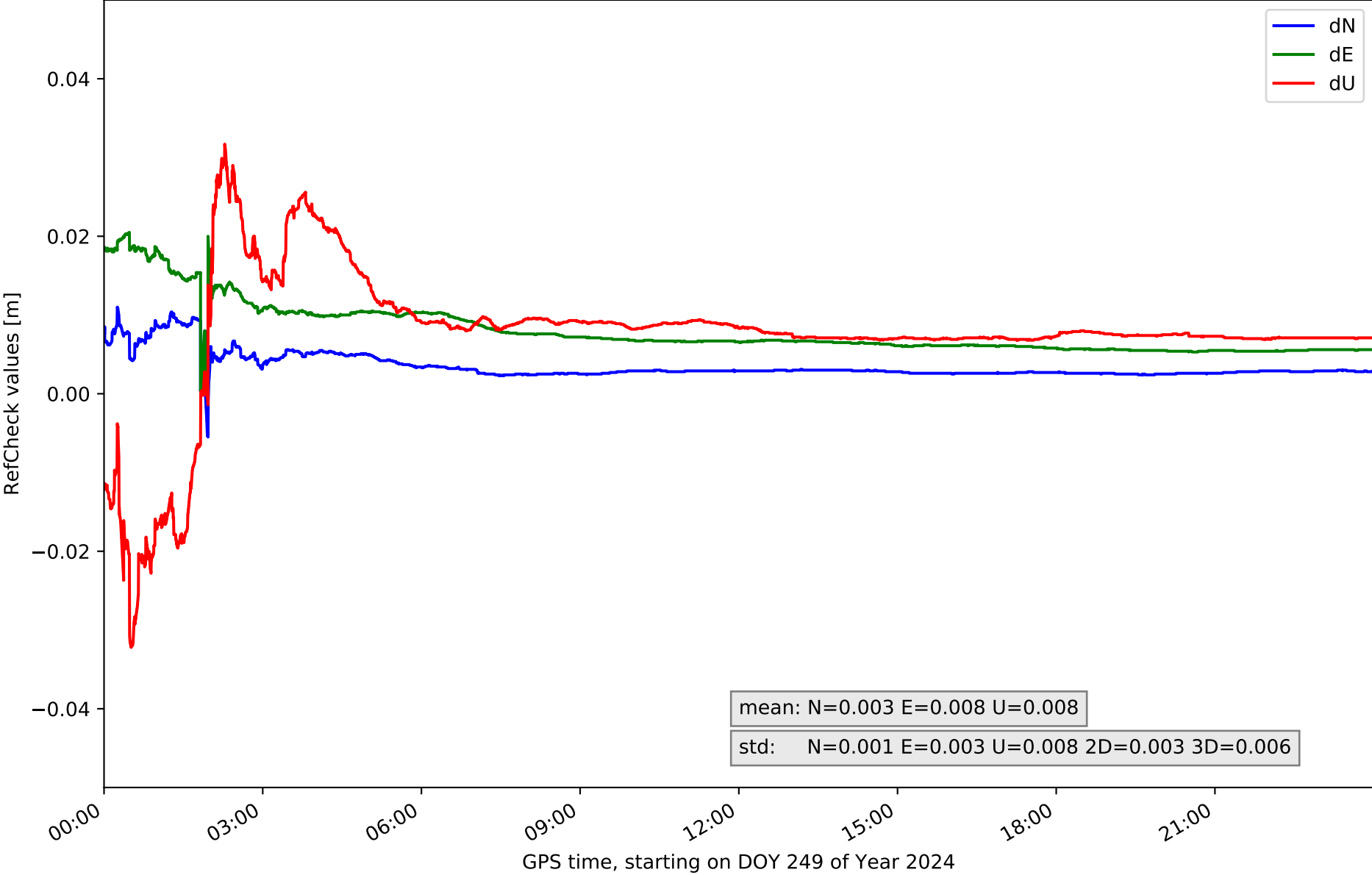
RefCheck for station EH02 in network NT32



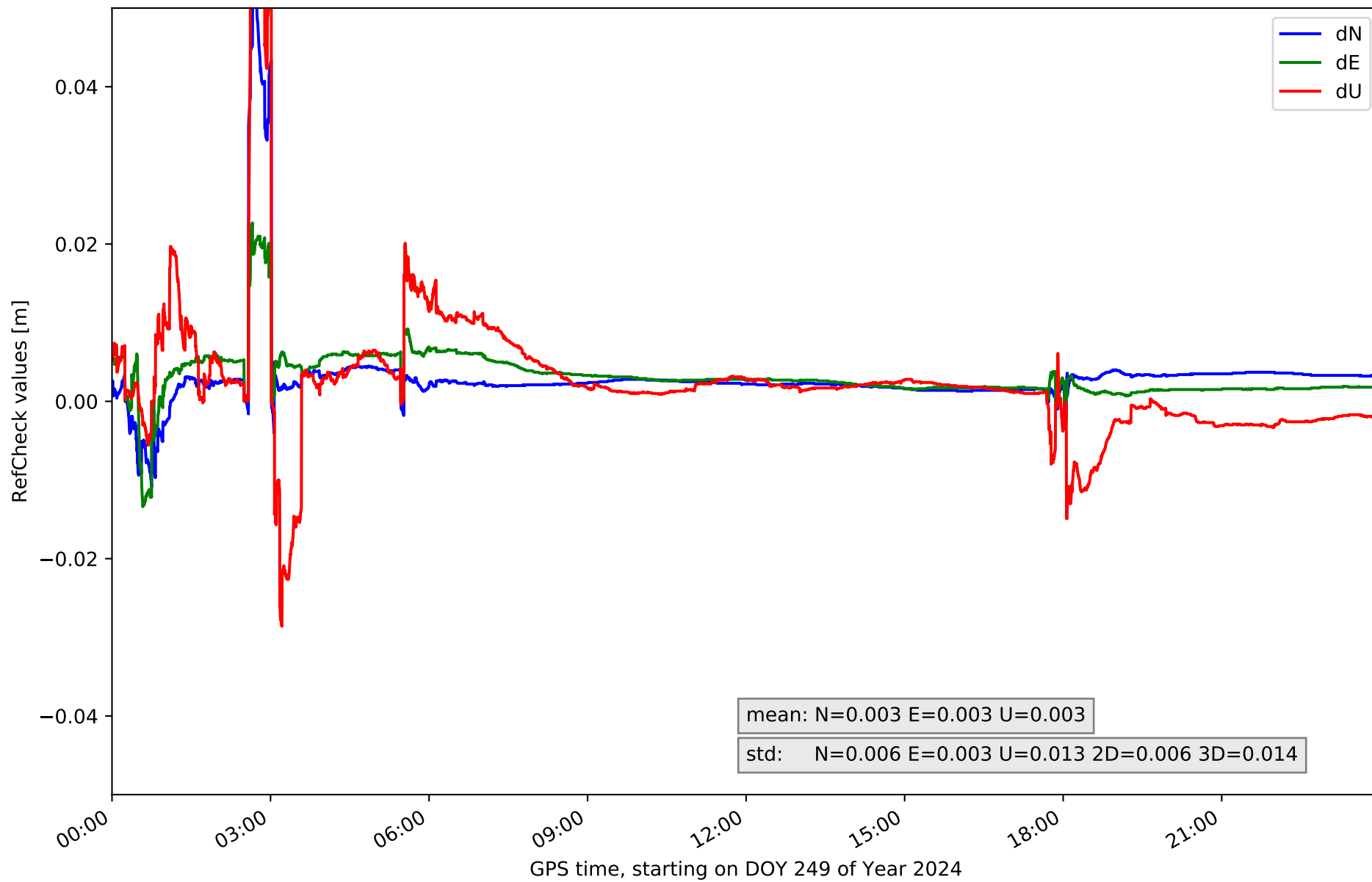
RefCheck for station GOM1 in network NT32



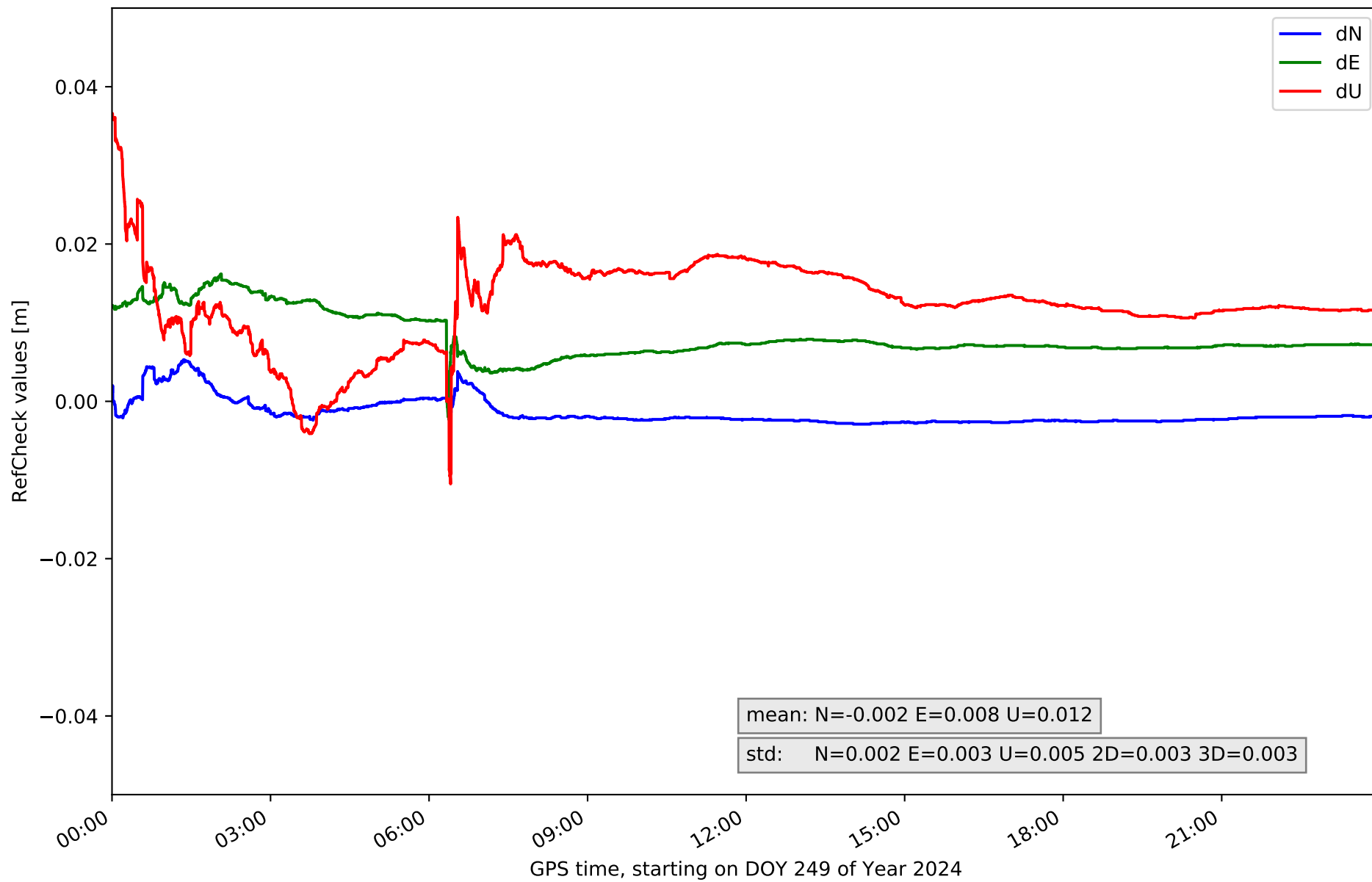
RefCheck for station GOME in network NT32



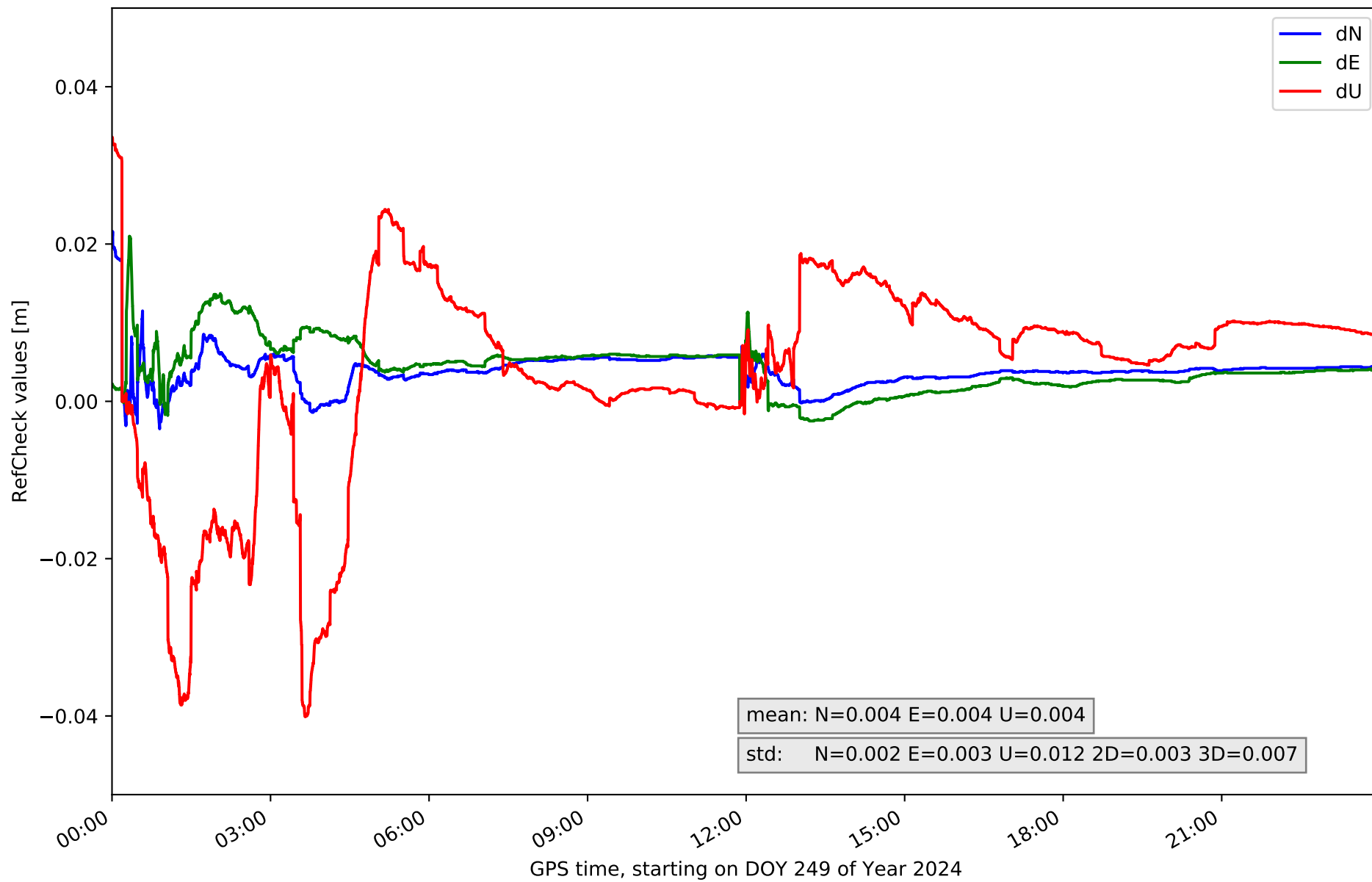
### RefCheck for station IZAN in network NT32



### RefCheck for station LP01 in network NT32

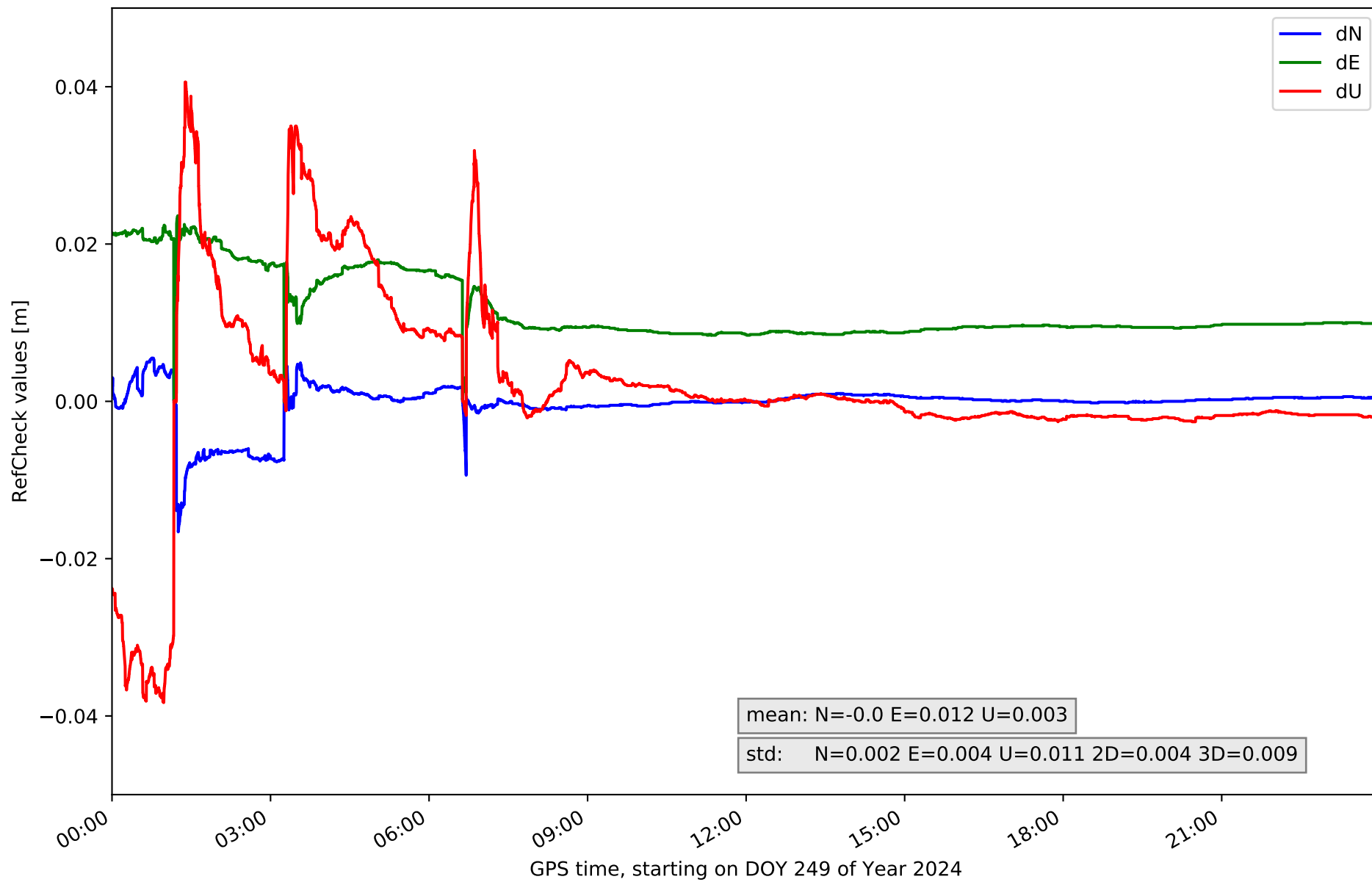


# RefCheck for station LP03 in network NT32

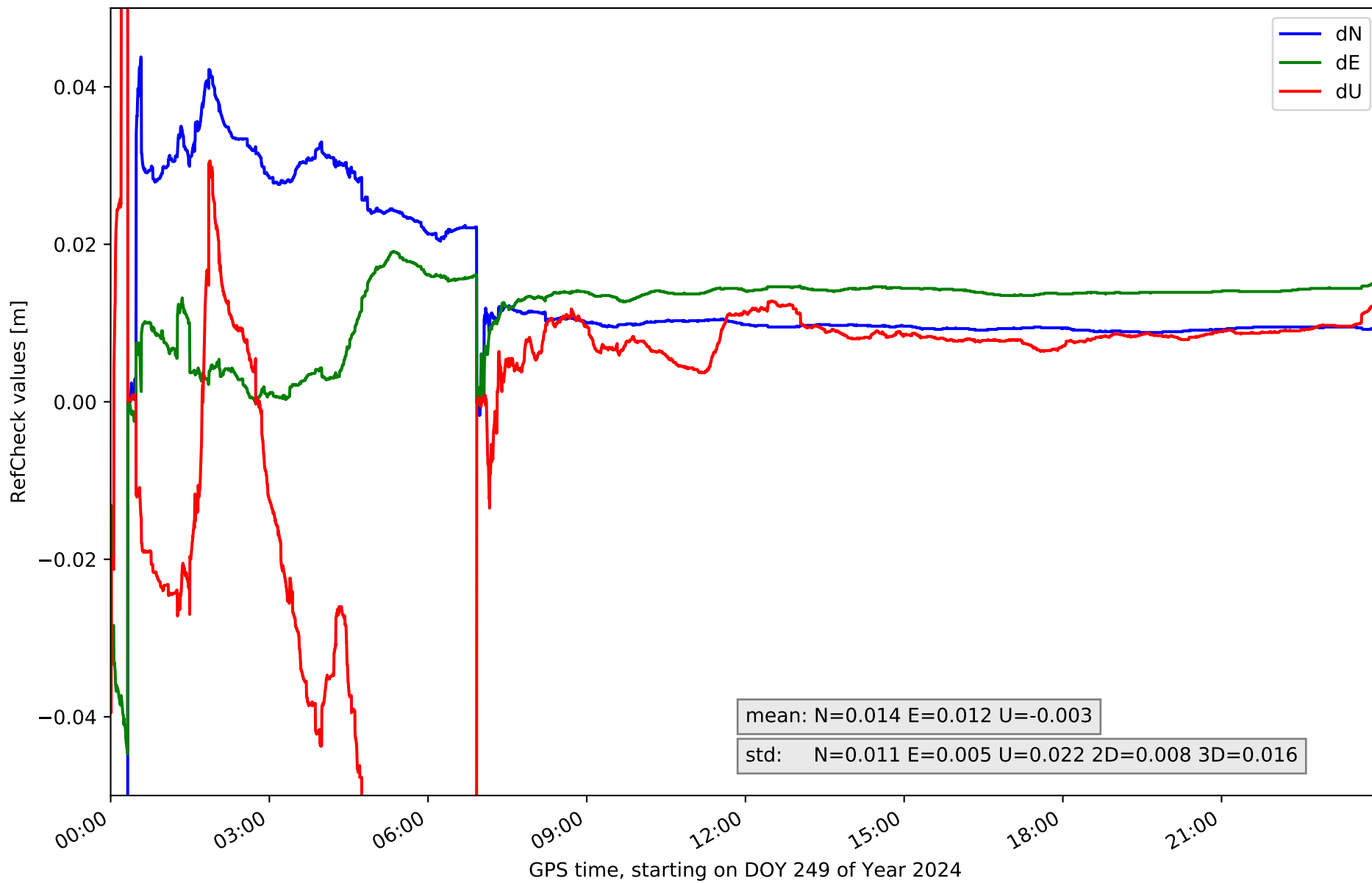




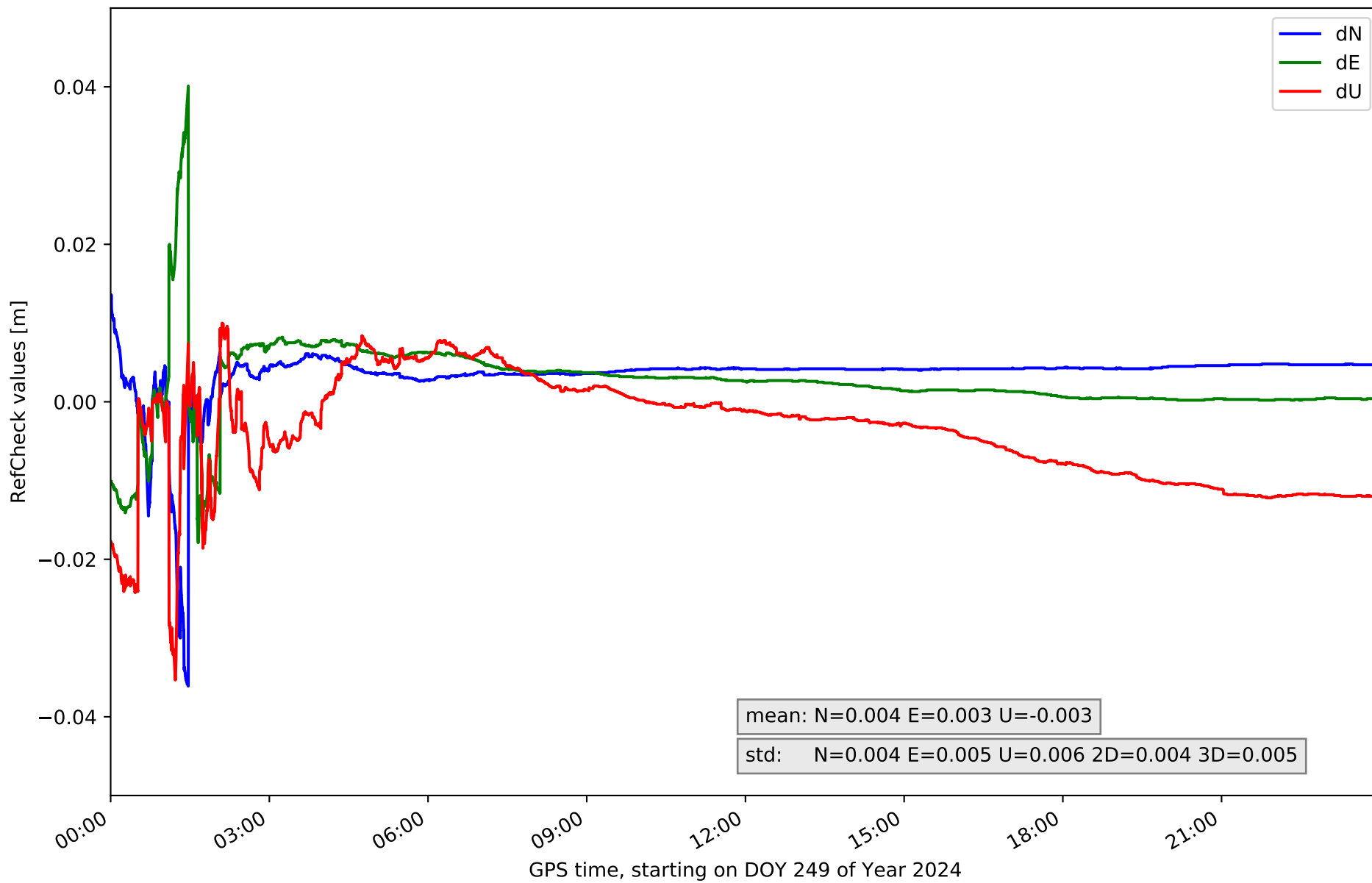
# RefCheck for station LPAL in network NT32



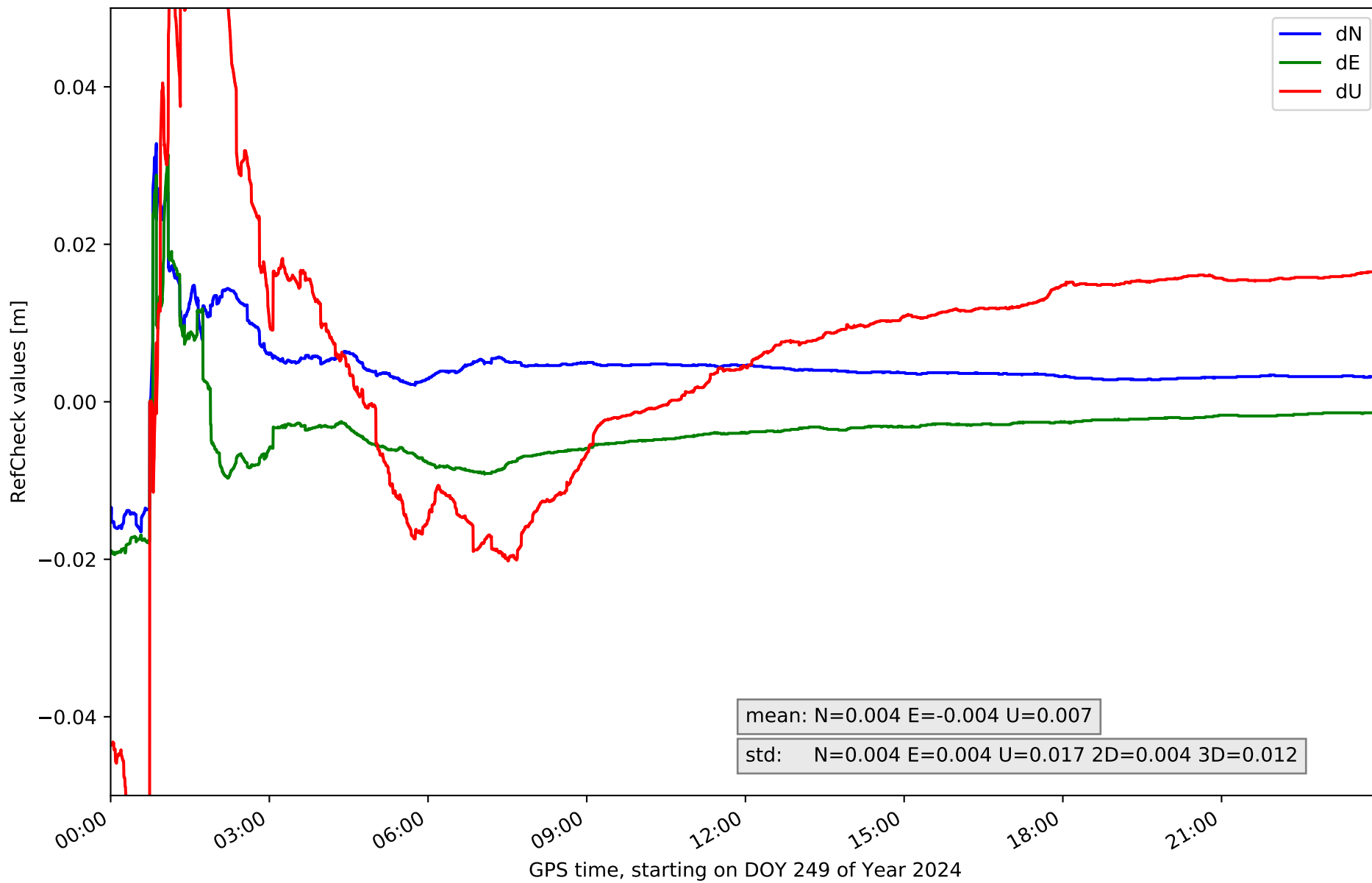
RefCheck for station LRES in network NT32



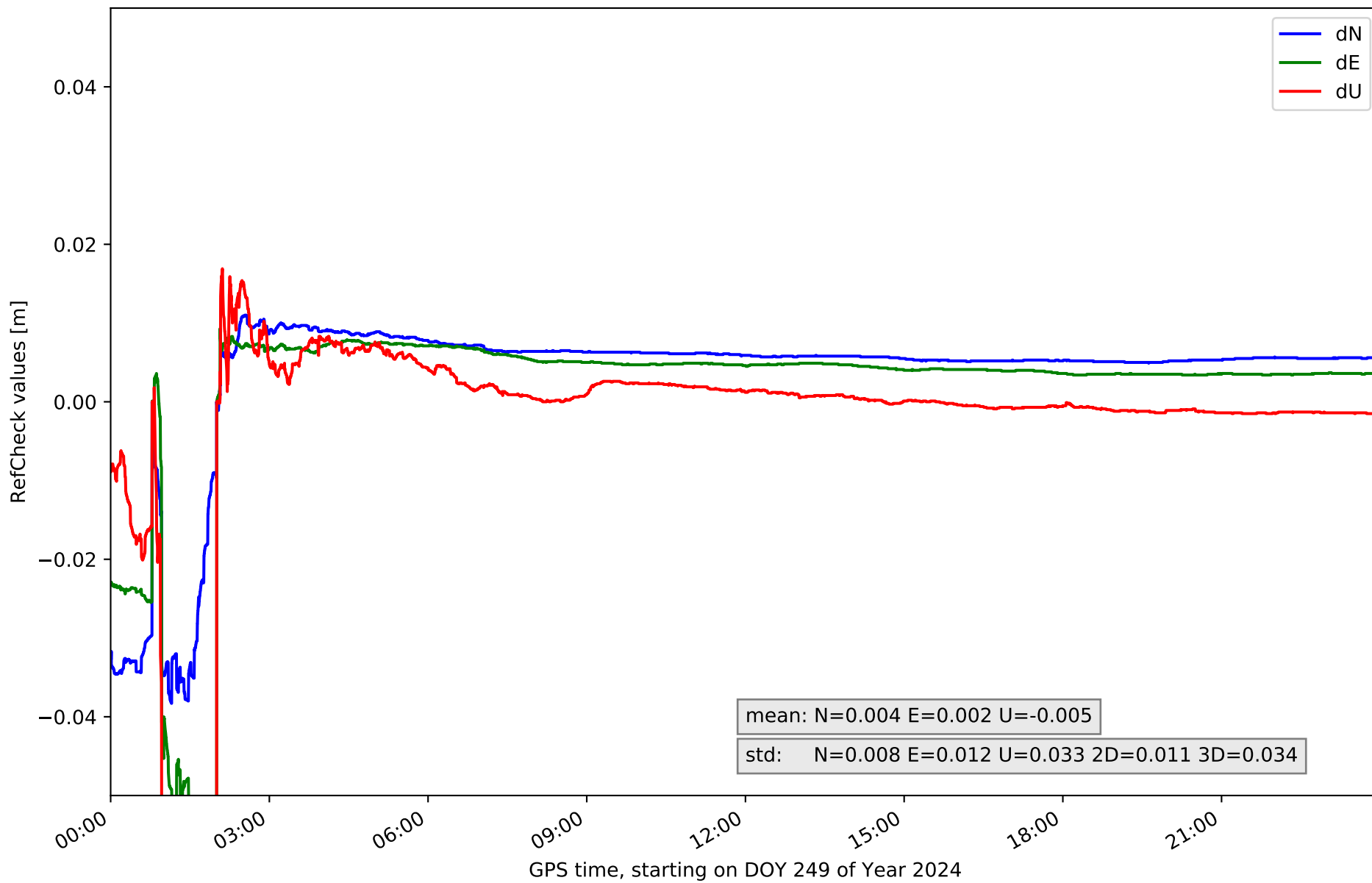
### RefCheck for station TN01 in network NT32



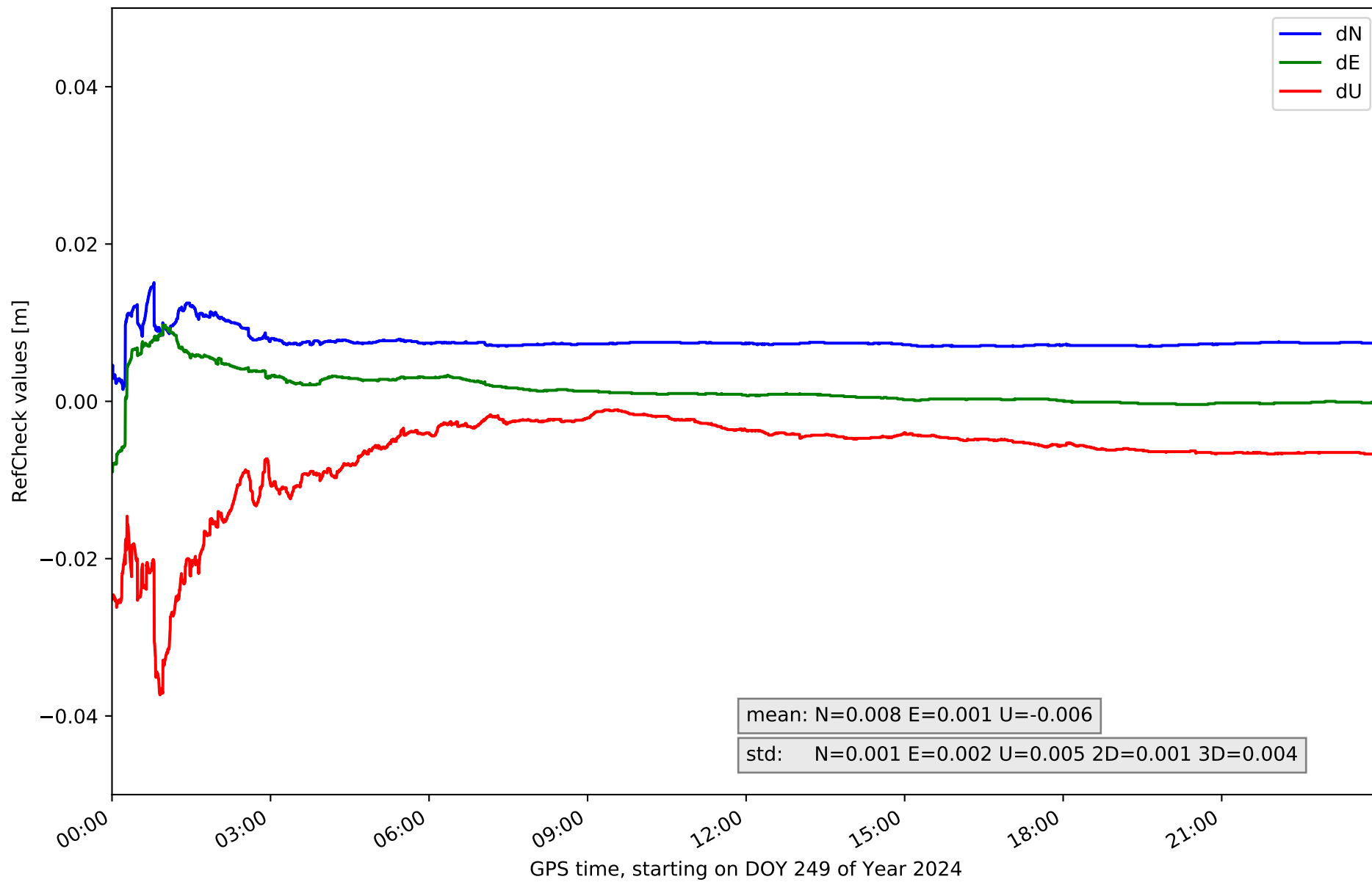
# RefCheck for station TN02 in network NT32



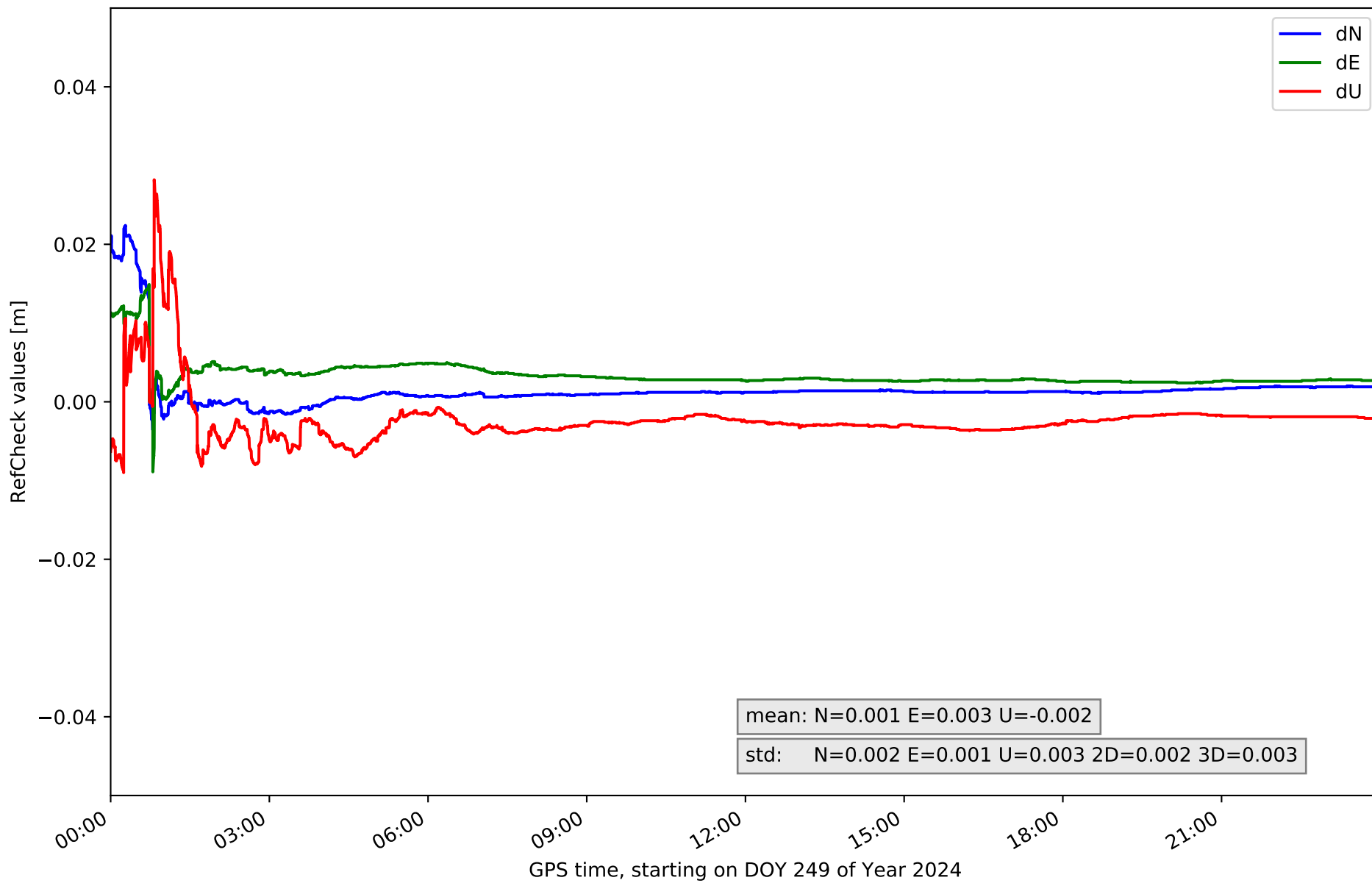
# RefCheck for station TN03 in network NT32



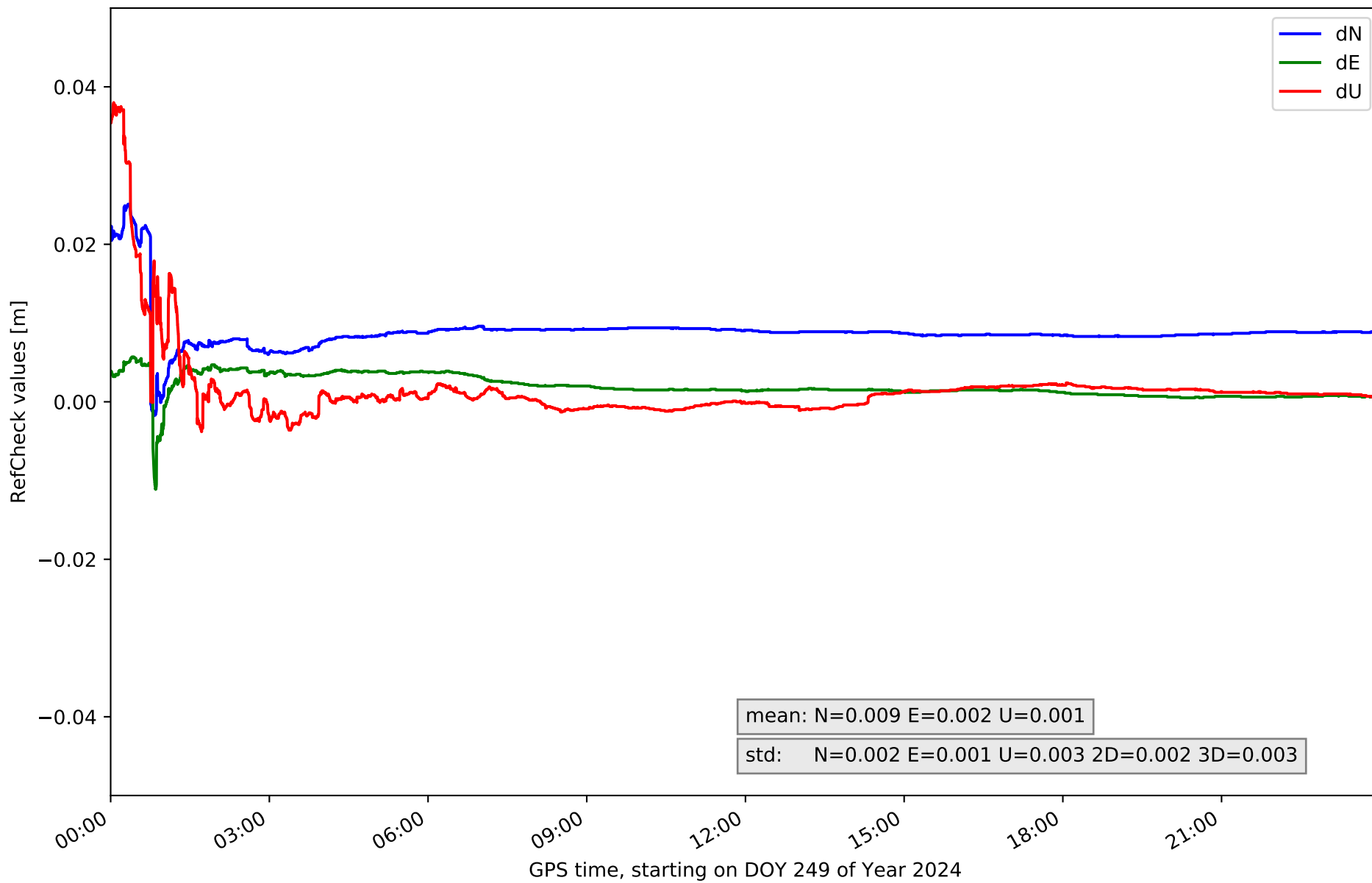
### RefCheck for station TN04 in network NT32



### RefCheck for station TN06 in network NT32

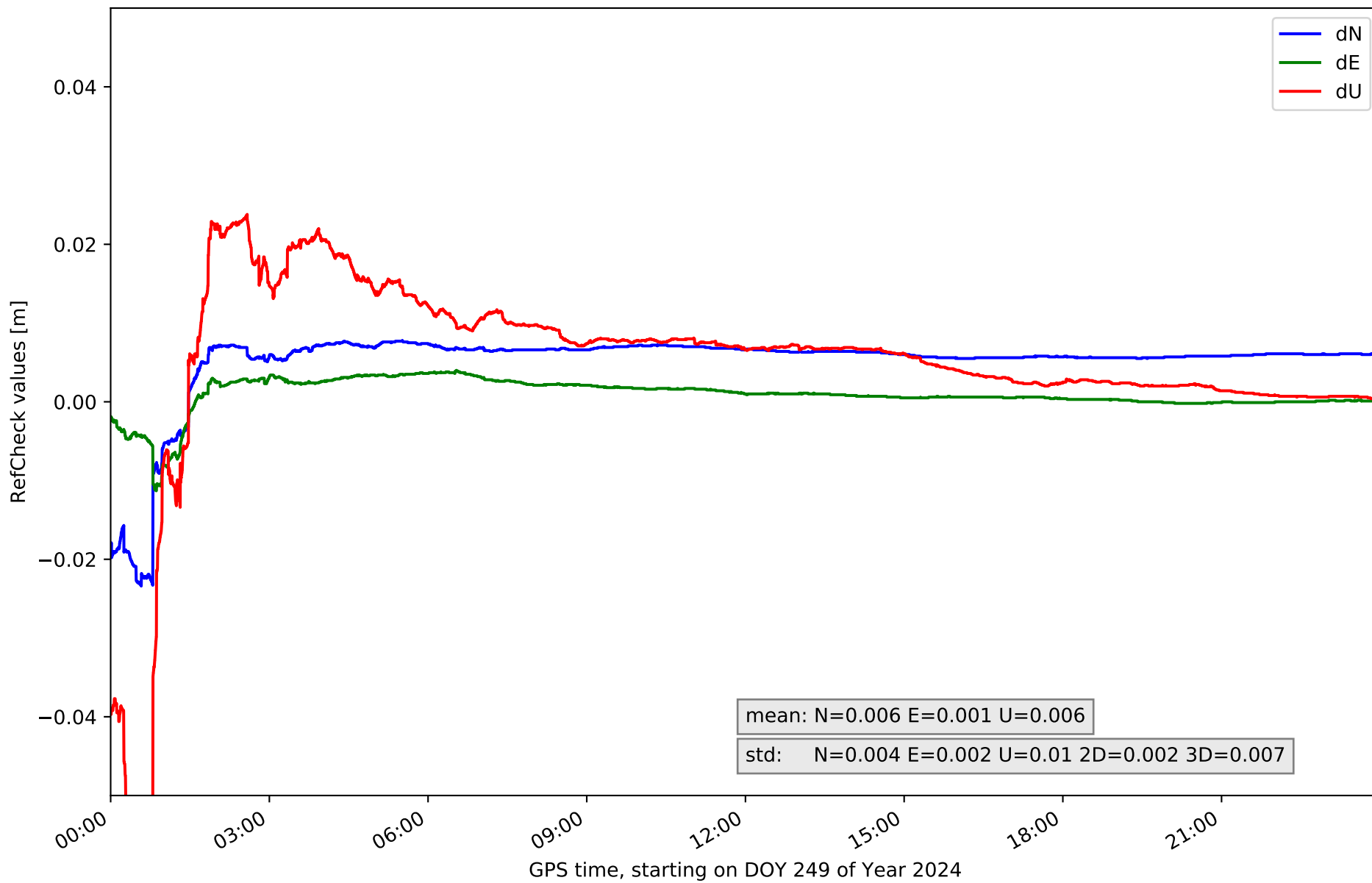


### RefCheck for station TN09 in network NT32





### RefCheck for station TE11 in network NT32



## RefCheck values for network NT32

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01     | % 2D > 0.01  | #3D > 0.02    | % 3D > 0.02 |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|----------------|--------------|---------------|-------------|
| EH01           | -0.003        | 0.077        | 0.009        | 0.013         | 0.031        | 0.003        | -0.044        | 0.069        | 0.012        | 0.008        | 0.013        | 71008          | 100.0        | 21539         | 30.3        |
| EH02           | -0.01         | 0.025        | 0.004        | -0.008        | 0.03         | 0.007        | -0.118        | 0.099        | 0.038        | 0.005        | 0.027        | 25306          | 35.6         | 29343         | 41.3        |
| GOM1           | -0.029        | 0.009        | 0.002        | -0.065        | 0.008        | 0.004        | -0.062        | 0.075        | 0.01         | 0.003        | 0.008        | 655            | 0.9          | 3677          | 5.2         |
| GOME           | -0.005        | 0.011        | 0.001        | 0.0           | 0.021        | 0.003        | -0.032        | 0.032        | 0.008        | 0.003        | 0.006        | 18950          | 26.7         | 10471         | 14.7        |
| IZAN           | -0.011        | 0.053        | 0.006        | -0.013        | 0.023        | 0.003        | -0.029        | 0.125        | 0.013        | 0.006        | 0.014        | 1929           | 2.7          | 2331          | 3.3         |
| LP01           | -0.003        | 0.005        | 0.002        | -0.002        | 0.016        | 0.003        | -0.011        | 0.037        | 0.005        | 0.003        | 0.003        | 18031          | 25.4         | 3040          | 4.3         |
| LP03           | -0.004        | 0.022        | 0.002        | -0.003        | 0.021        | 0.003        | -0.04         | 0.034        | 0.012        | 0.003        | 0.007        | 4406           | 6.2          | 9288          | 13.1        |
| LPAL           | -0.017        | 0.005        | 0.002        | -0.0          | 0.024        | 0.004        | -0.038        | 0.041        | 0.011        | 0.004        | 0.009        | 23423          | 33.0         | 13902         | 19.6        |
| LRES           | -0.089        | 0.044        | 0.011        | -0.045        | 0.019        | 0.005        | -0.062        | 0.073        | 0.022        | 0.008        | 0.016        | 70342          | 99.1         | 27037         | 38.1        |
| TN01           | -0.036        | 0.014        | 0.004        | -0.018        | 0.04         | 0.005        | -0.035        | 0.01         | 0.006        | 0.004        | 0.005        | 2742           | 3.9          | 1804          | 2.5         |
| TN02           | -0.017        | 0.033        | 0.004        | -0.019        | 0.031        | 0.004        | -0.067        | 0.074        | 0.017        | 0.004        | 0.012        | 8569           | 12.1         | 9339          | 13.2        |
| TN03           | -0.038        | 0.011        | 0.008        | -0.064        | 0.009        | 0.012        | -0.202        | 0.017        | 0.033        | 0.011        | 0.034        | 18030          | 25.4         | 4018          | 5.7         |
| TN04           | 0.002         | 0.015        | 0.001        | -0.009        | 0.01         | 0.002        | -0.037        | -0.001       | 0.005        | 0.001        | 0.004        | 5488           | 7.7          | 3715          | 5.2         |
| TN06           | -0.004        | 0.022        | 0.002        | -0.009        | 0.015        | 0.001        | -0.009        | 0.028        | 0.003        | 0.002        | 0.003        | 970            | 1.4          | 1178          | 1.7         |
| TN09           | -0.002        | 0.025        | 0.002        | -0.011        | 0.006        | 0.001        | -0.004        | 0.038        | 0.003        | 0.002        | 0.003        | 1729           | 2.4          | 1014          | 1.4         |
| TE11           | -0.023        | 0.008        | 0.004        | -0.011        | 0.004        | 0.002        | -0.054        | 0.024        | 0.01         | 0.002        | 0.007        | 1417           | 2.0          | 7420          | 10.4        |
| <b>Mean</b>    | <b>-0.018</b> | <b>0.024</b> | <b>0.004</b> | <b>-0.016</b> | <b>0.019</b> | <b>0.004</b> | <b>-0.053</b> | <b>0.048</b> | <b>0.013</b> | <b>0.004</b> | <b>0.011</b> | <b>17062.2</b> | <b>24.0</b>  | <b>9319.8</b> | <b>13.1</b> |
| <b>Min/Max</b> | <b>-0.089</b> | <b>0.077</b> | <b>0.011</b> | <b>-0.065</b> | <b>0.04</b>  | <b>0.012</b> | <b>-0.202</b> | <b>0.125</b> | <b>0.038</b> | <b>0.011</b> | <b>0.034</b> | <b>71008</b>   | <b>100.0</b> | <b>29343</b>  | <b>41.3</b> |

fixing statistic for network NT32

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 84.4     | 87.7 | 76.2 | 87.8 | 82.9 |
| considering satellites with dual-frequency fixed | 76.3     | 84.7 | 48.0 | 87.0 | 80.9 |
| considering all signals separately               | 77.4     | 84.7 | 48.0 | 87.3 | 78.4 |