

## summary for network NT10

timeperiod chosen: from 2024-09-07-00:00:00 until 2024-09-07-23:59:59

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

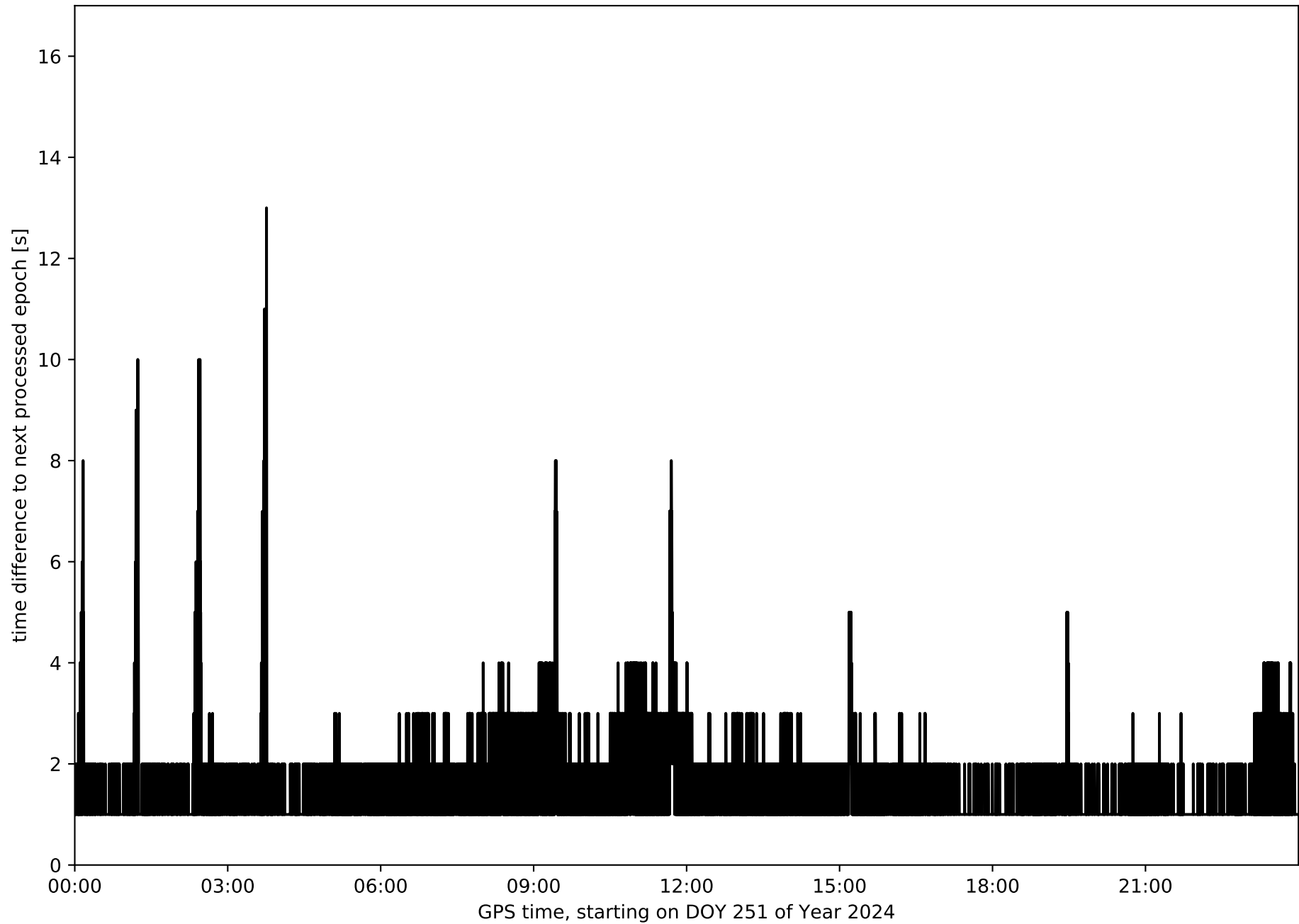
average fixing percentage with threshold set to 0.3: 88.0 percent

stations available: 13 of 13

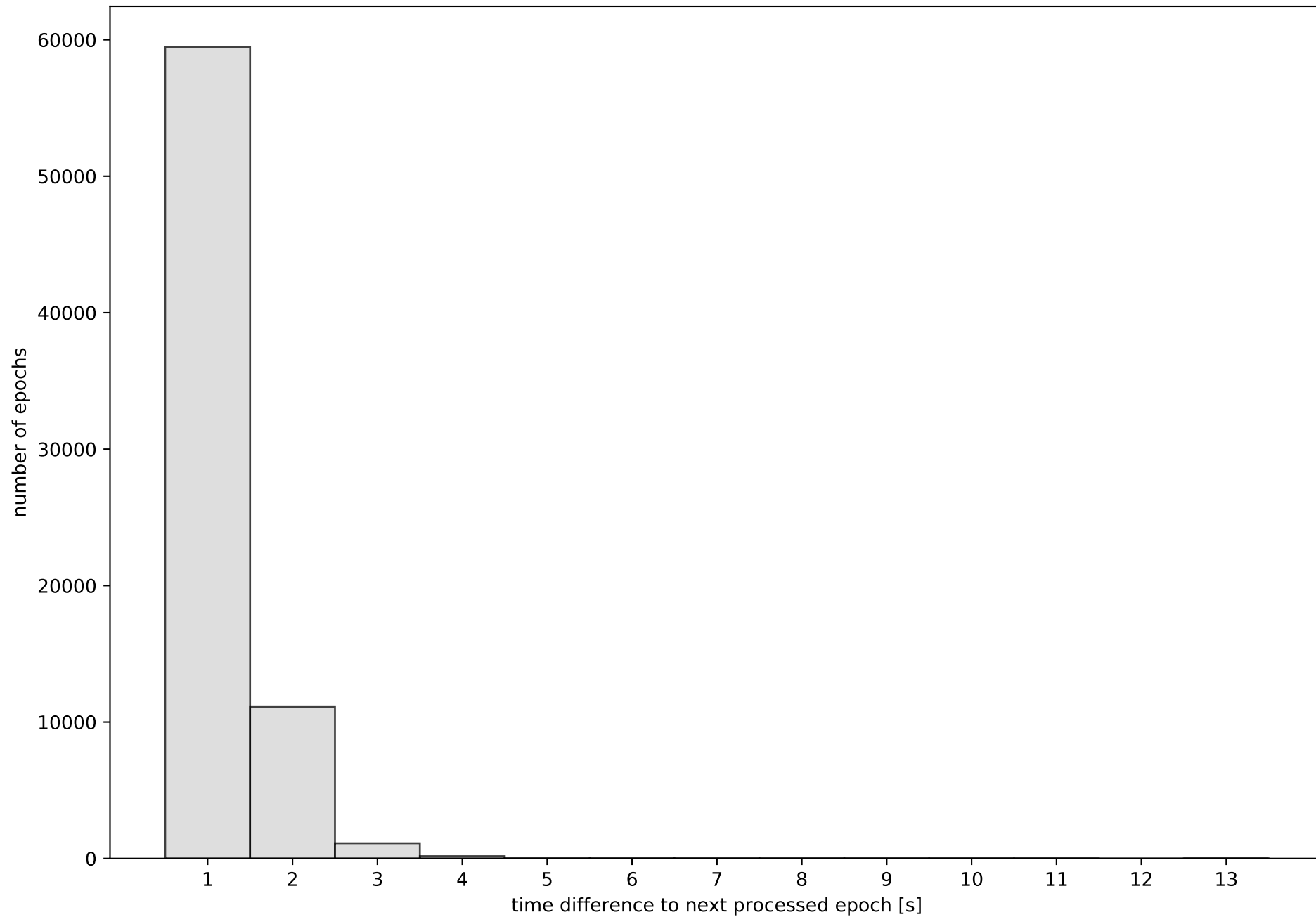
station information:

|               |                         |      |                         |                  |
|---------------|-------------------------|------|-------------------------|------------------|
| station BCL1: | antenna: LEIAR20        | LEIM | receiver: LEICA GR25    | height: 56.129   |
| station BCLN: | antenna: LEIAR25.R4     | LEIT | receiver: LEICA GR10    | height: 84.875   |
| station BELL: | antenna: LEIAR25.R4     | NONE | receiver: LEICA GR50    | height: 853.488  |
| station CREU: | antenna: LEIAR25.R4     | NONE | receiver: LEICA GR50    | height: 133.464  |
| station EBRE: | antenna: LEIAR25.R4     | NONE | receiver: LEICA GR50    | height: 107.868  |
| station ESCO: | antenna: LEIAR25.R4     | NONE | receiver: LEICA GR50    | height: 2508.504 |
| station GIRO: | antenna: LEIAR25.R4     | LEIT | receiver: LEICA GR10    | height: 112.767  |
| station GRAU: | antenna: GPPNULLANTENNA | NONE | receiver: TPS NET-G3    | height: 509.777  |
| station MEQU: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 138.594  |
| station PUIG: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 1162.395 |
| station TARR: | antenna: LEIAR20        | LEIM | receiver: LEICA GR25    | height: 491.514  |
| station TRRG: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 55.163   |
| station VRO2: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 541.427  |

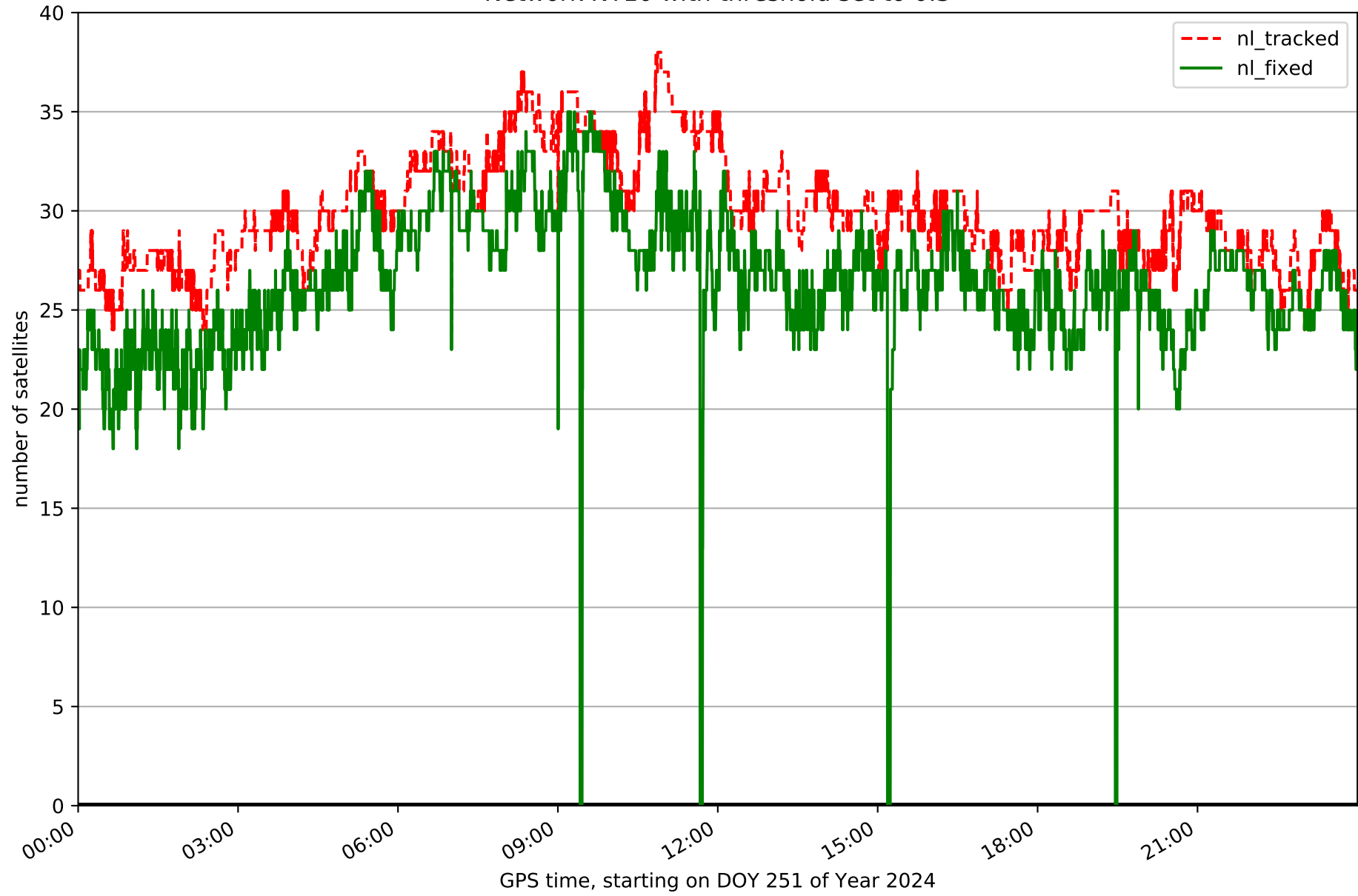
Processing rate in network NT10



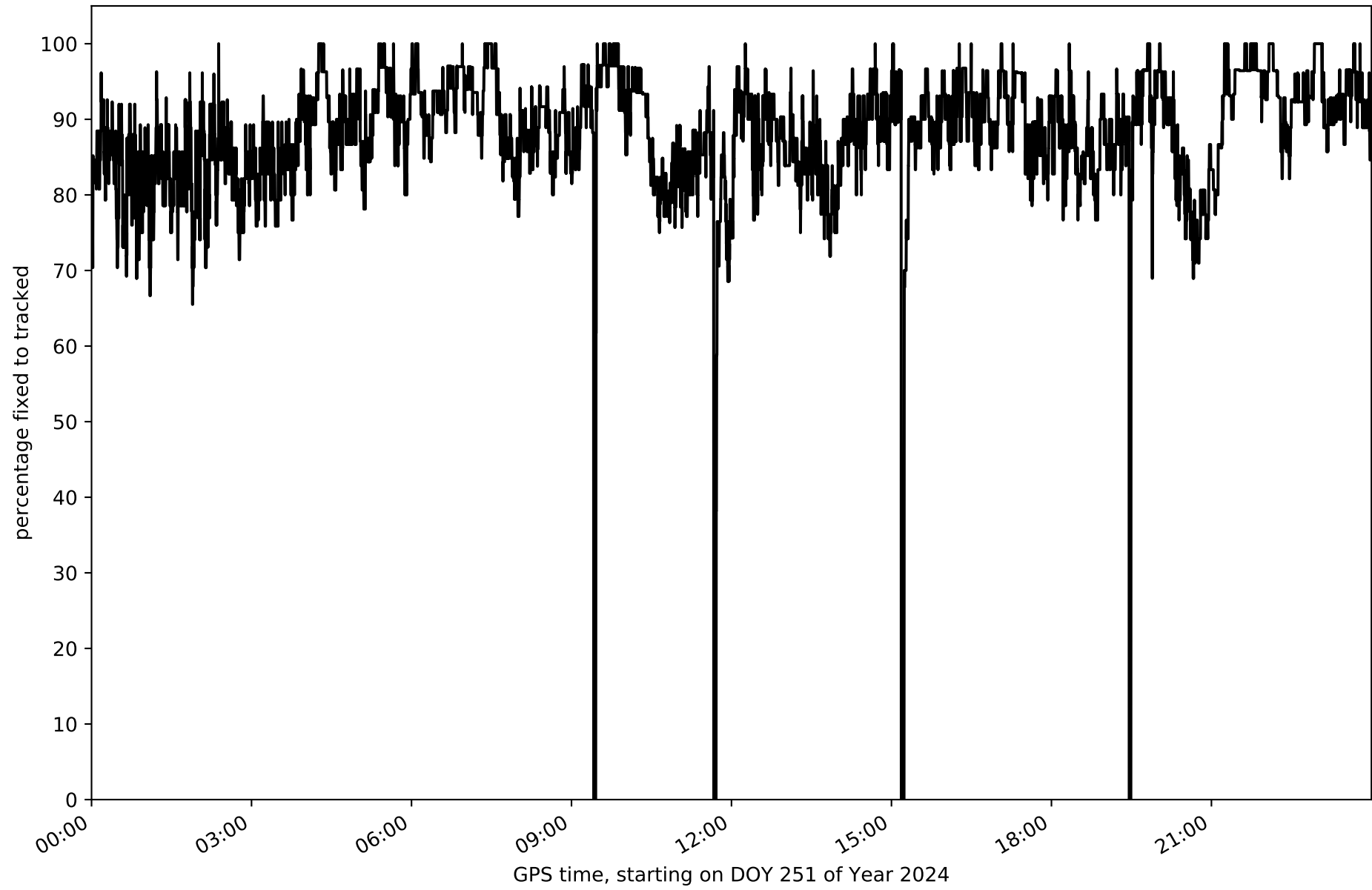
Histogram of the processing rate in network NT10 (durations larger 15 seconds neglected)



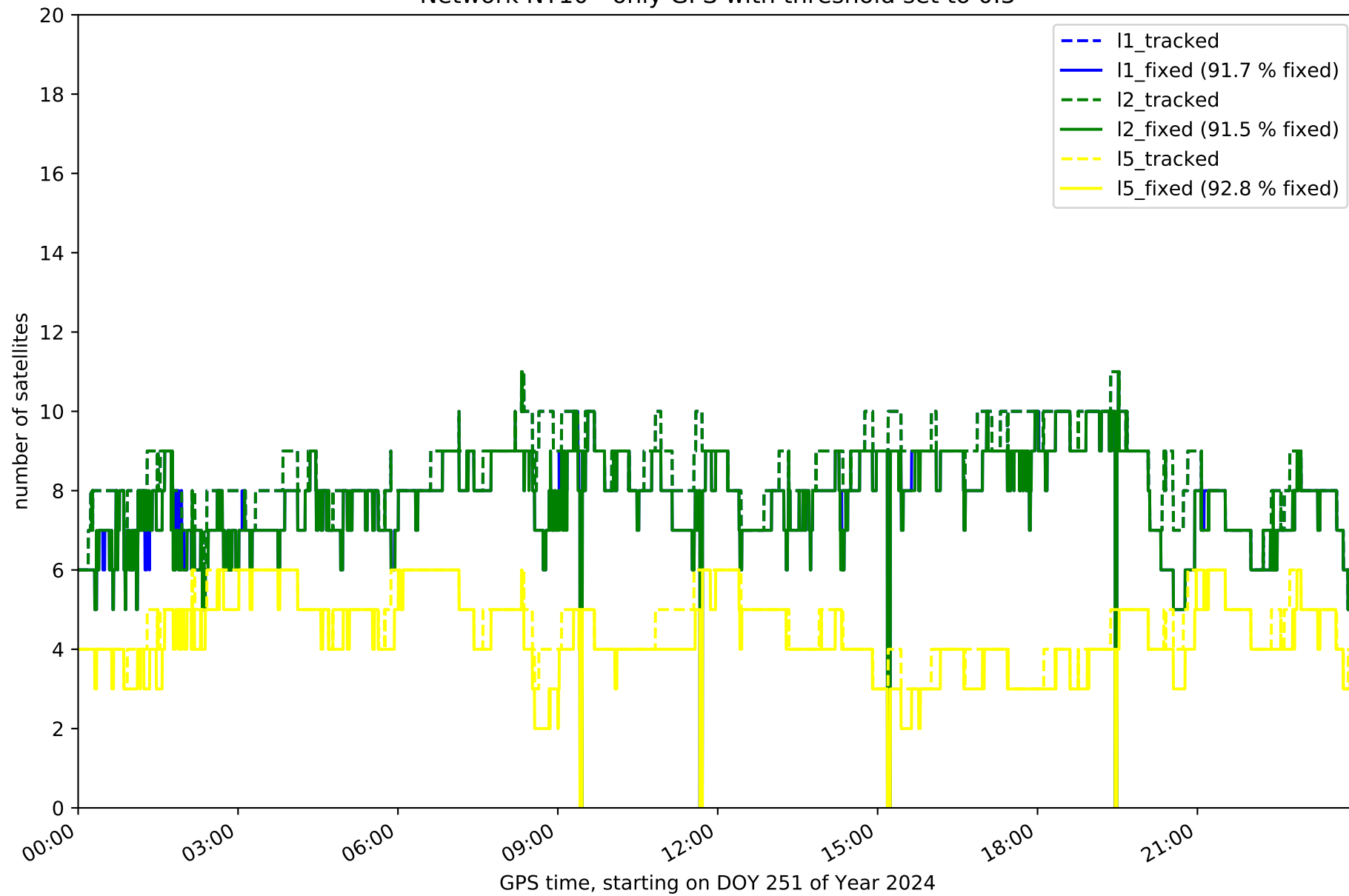
Network NT10 with threshold set to 0.3



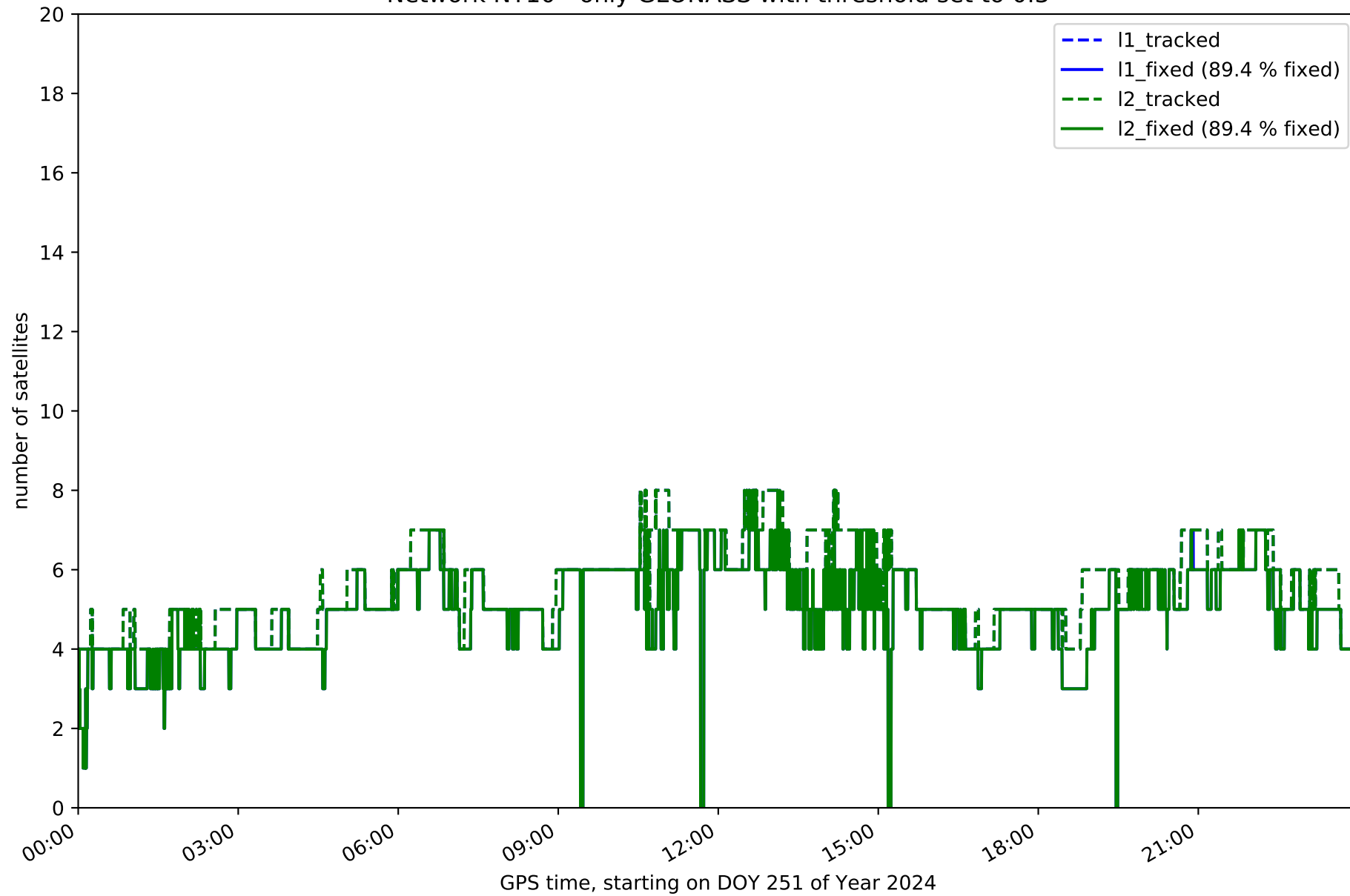
Fixing percentage of satellites in network NT10 with threshold set to 0.3



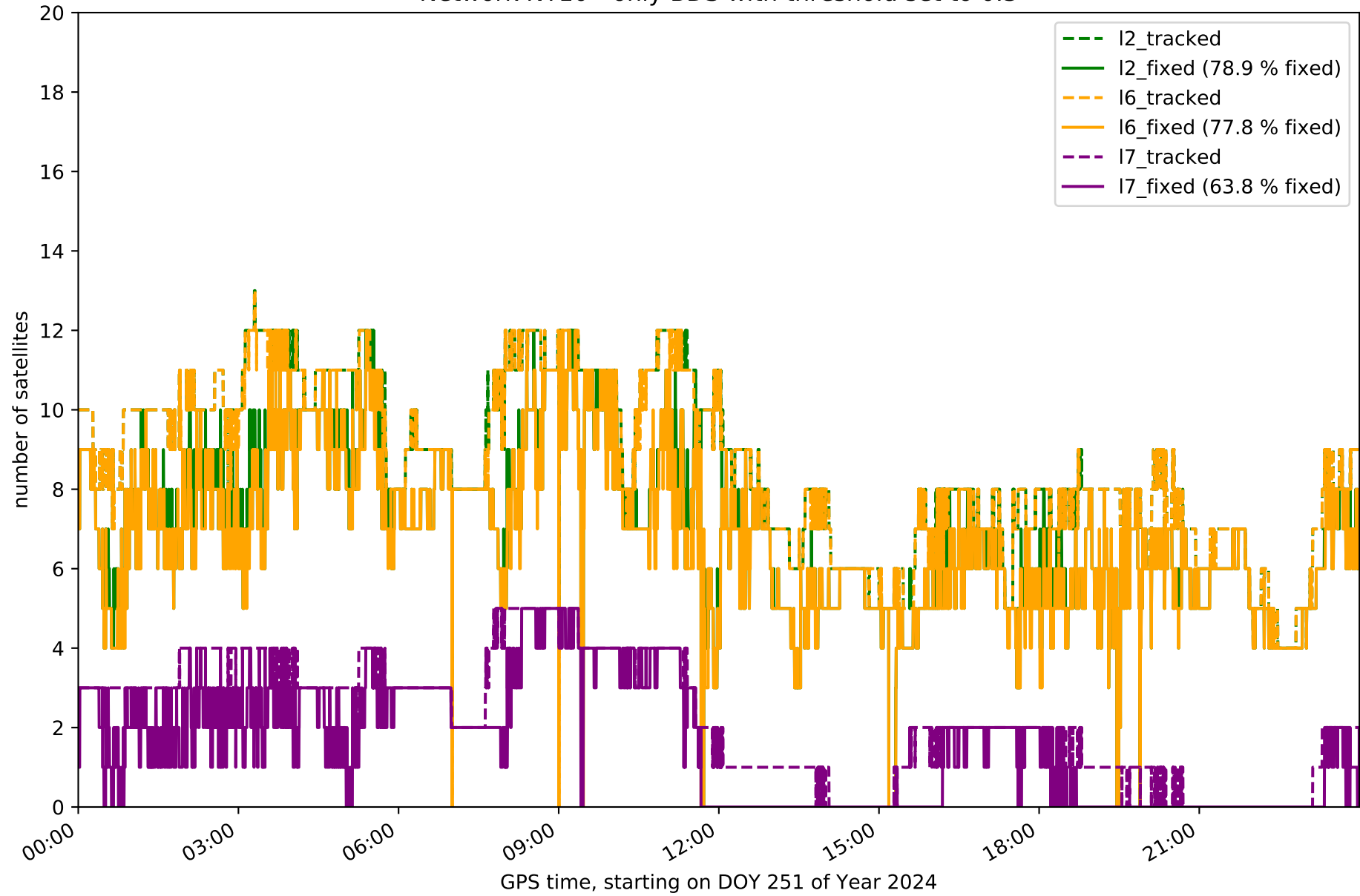
Network NT10 - only GPS with threshold set to 0.3



Network NT10 - only GLONASS with threshold set to 0.3

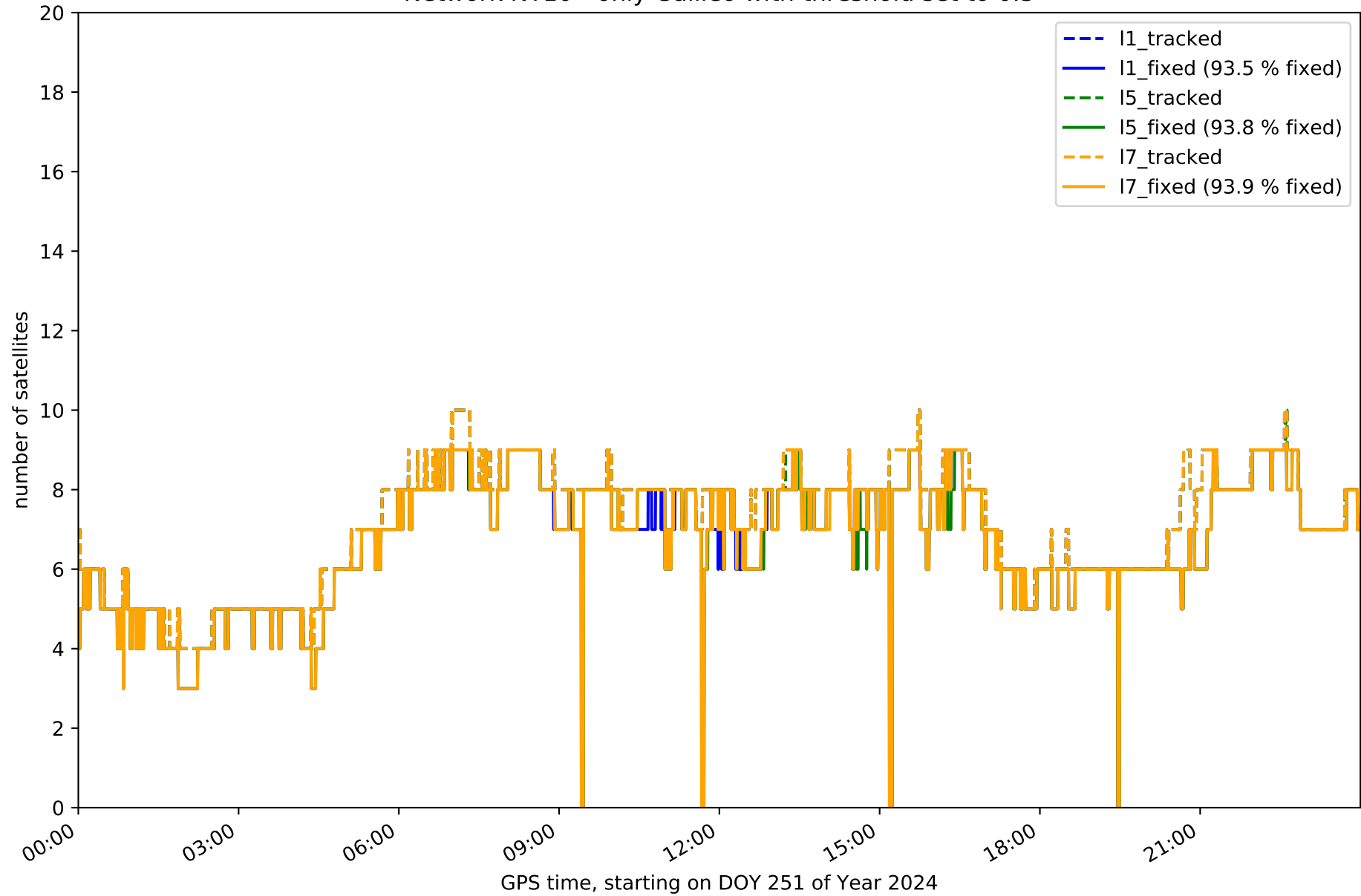


Network NT10 - only BDS with threshold set to 0.3

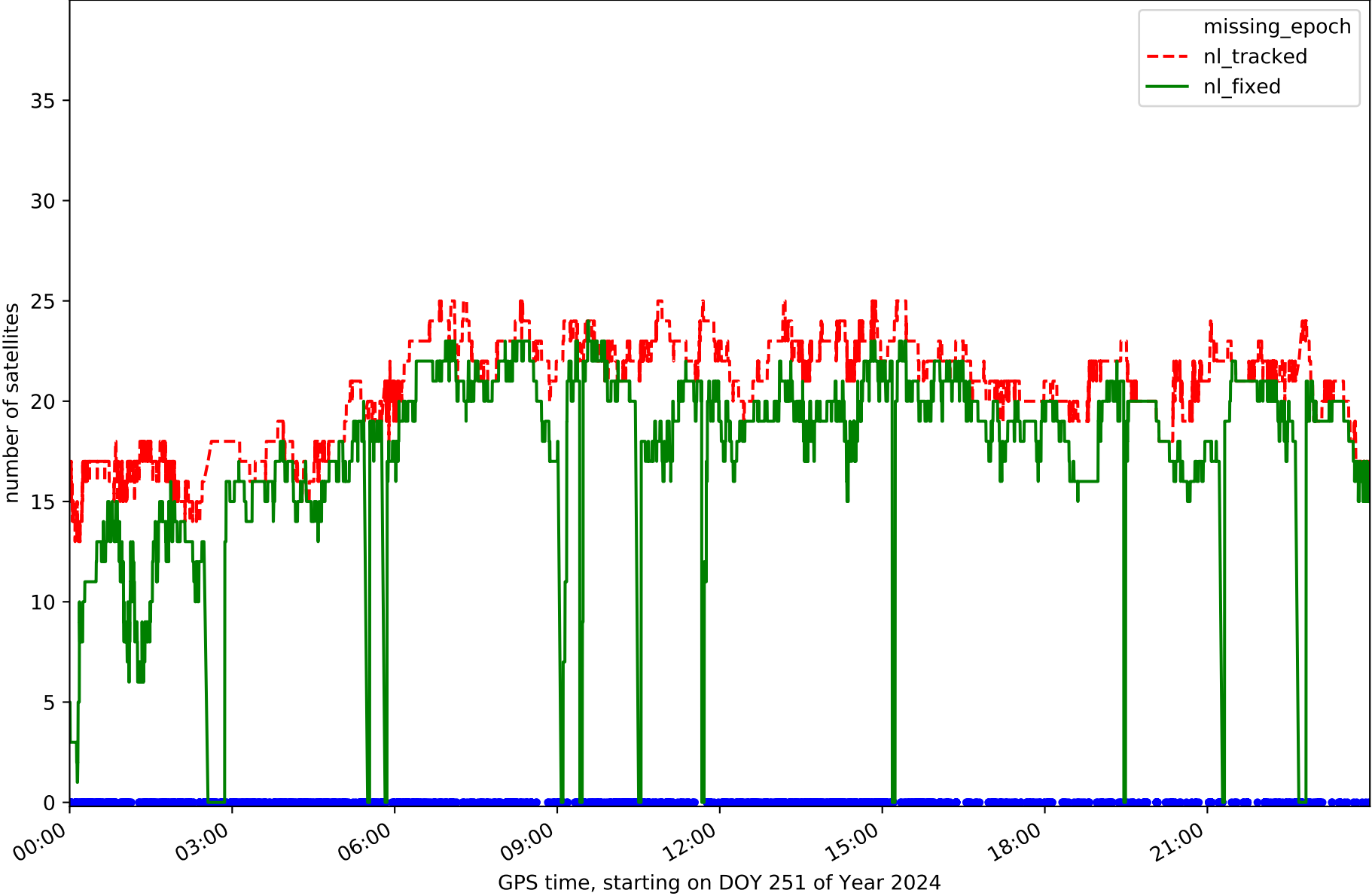




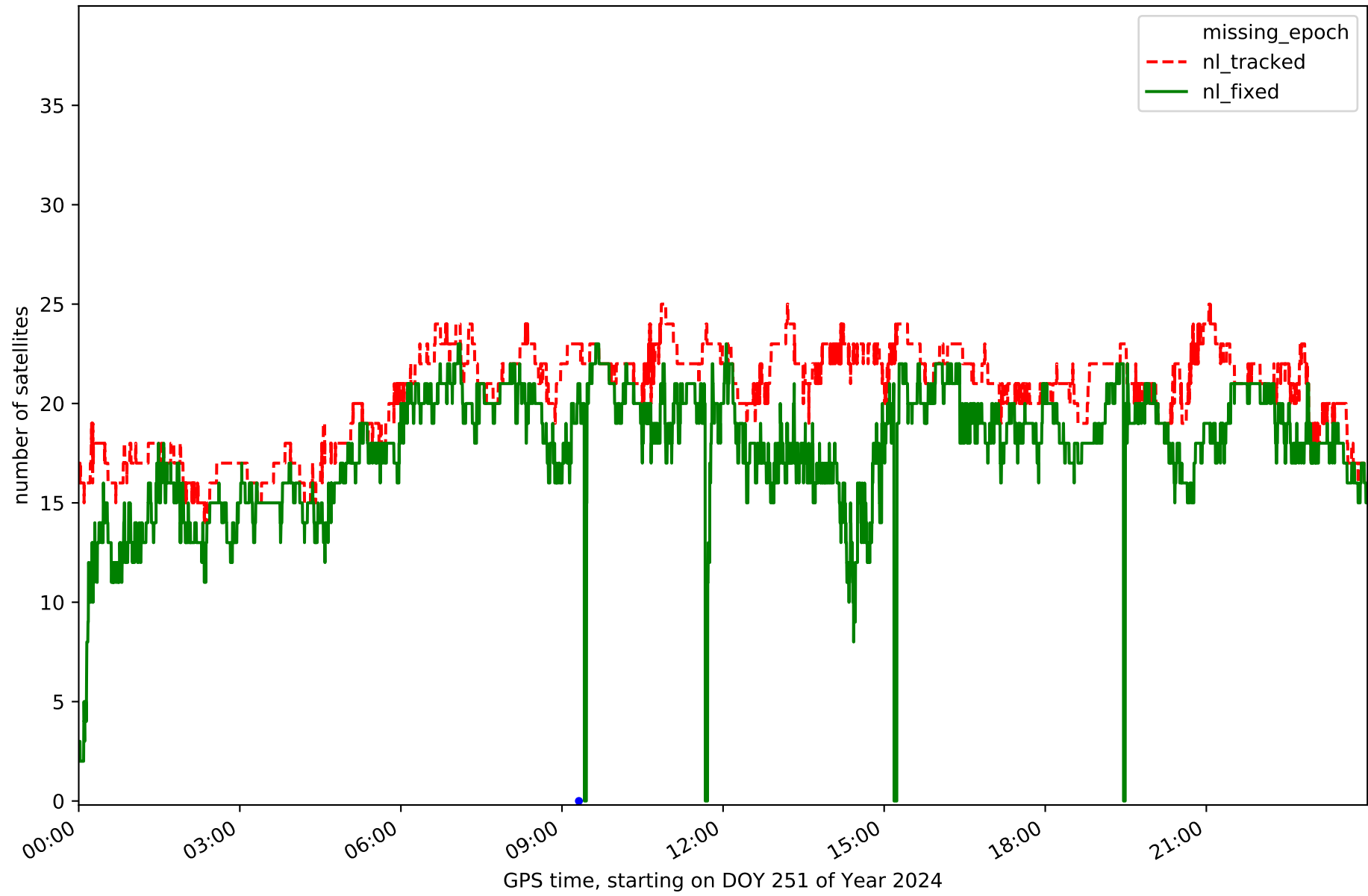
Network NT10 - only Galileo with threshold set to 0.3



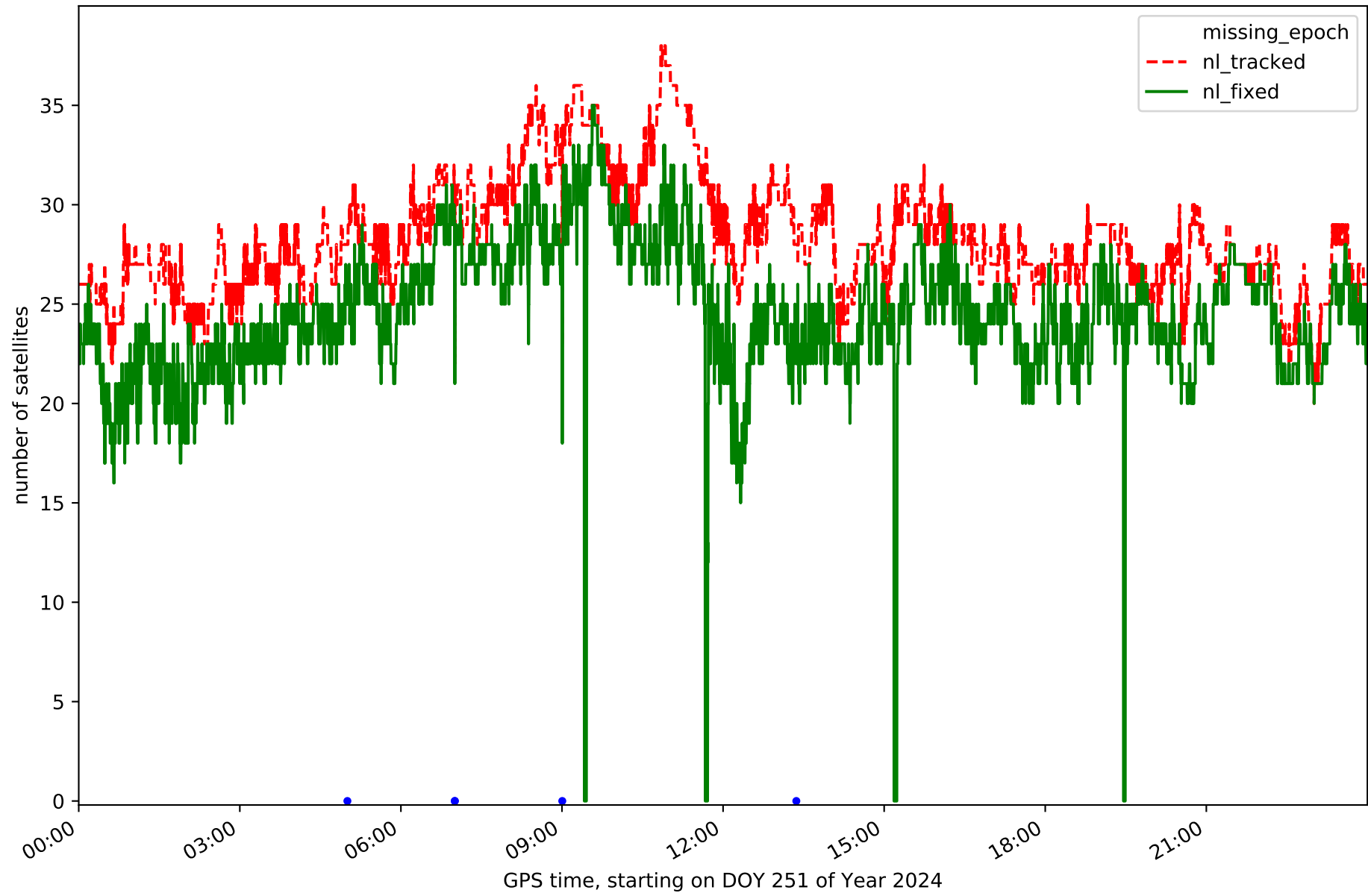
Station BCL1 in network NT10



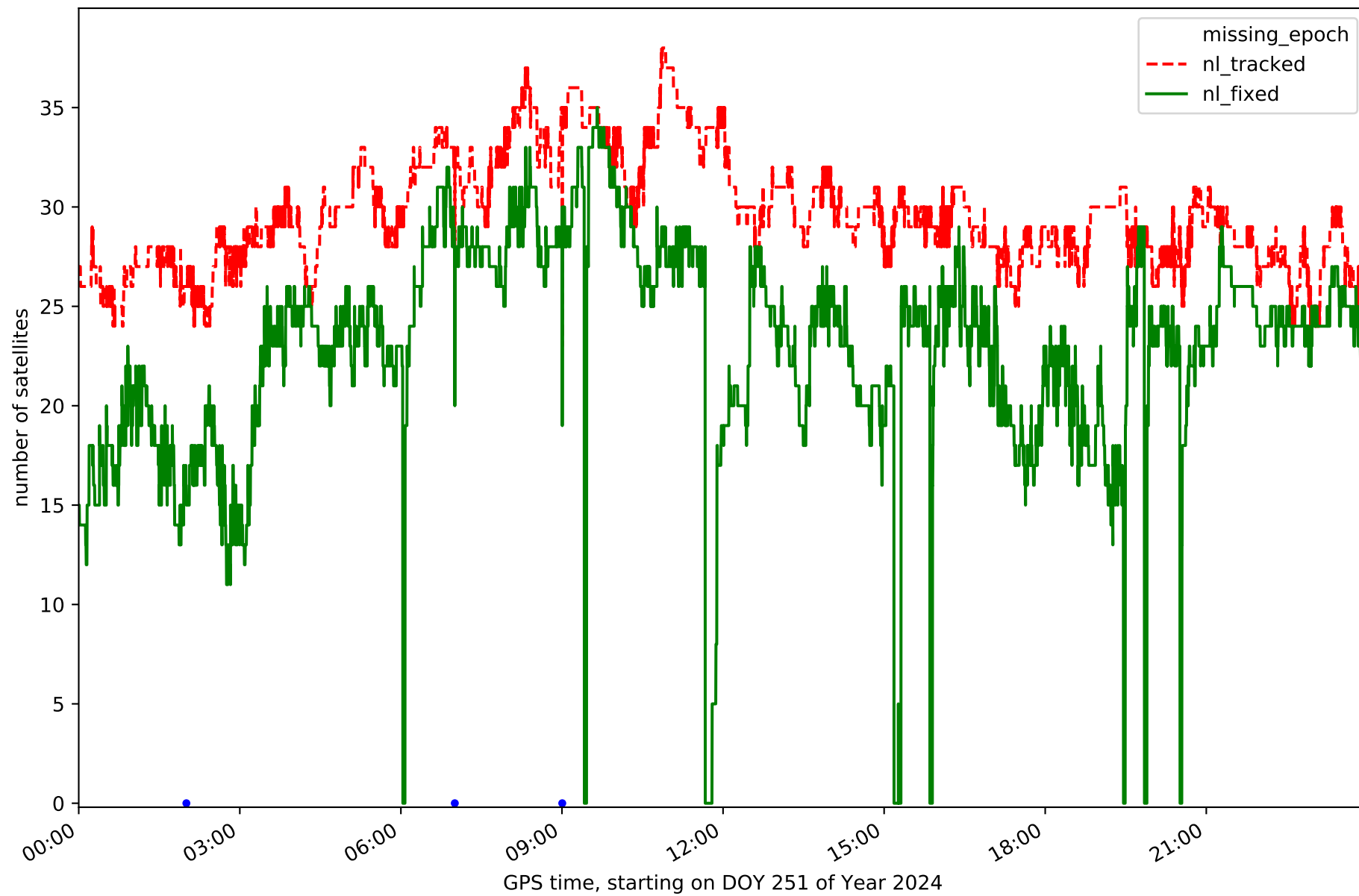
Station BCLN in network NT10



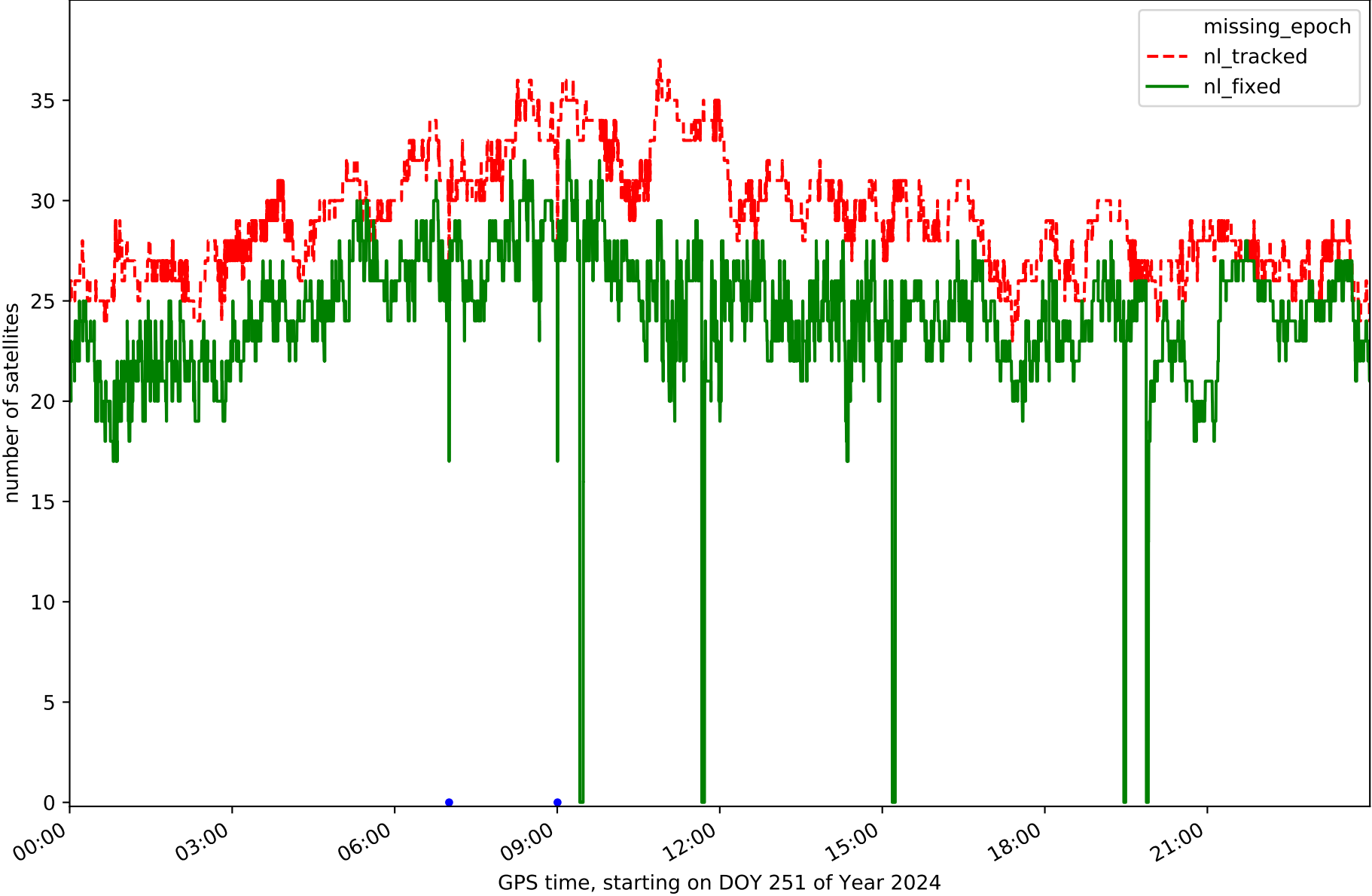
Station BELL in network NT10



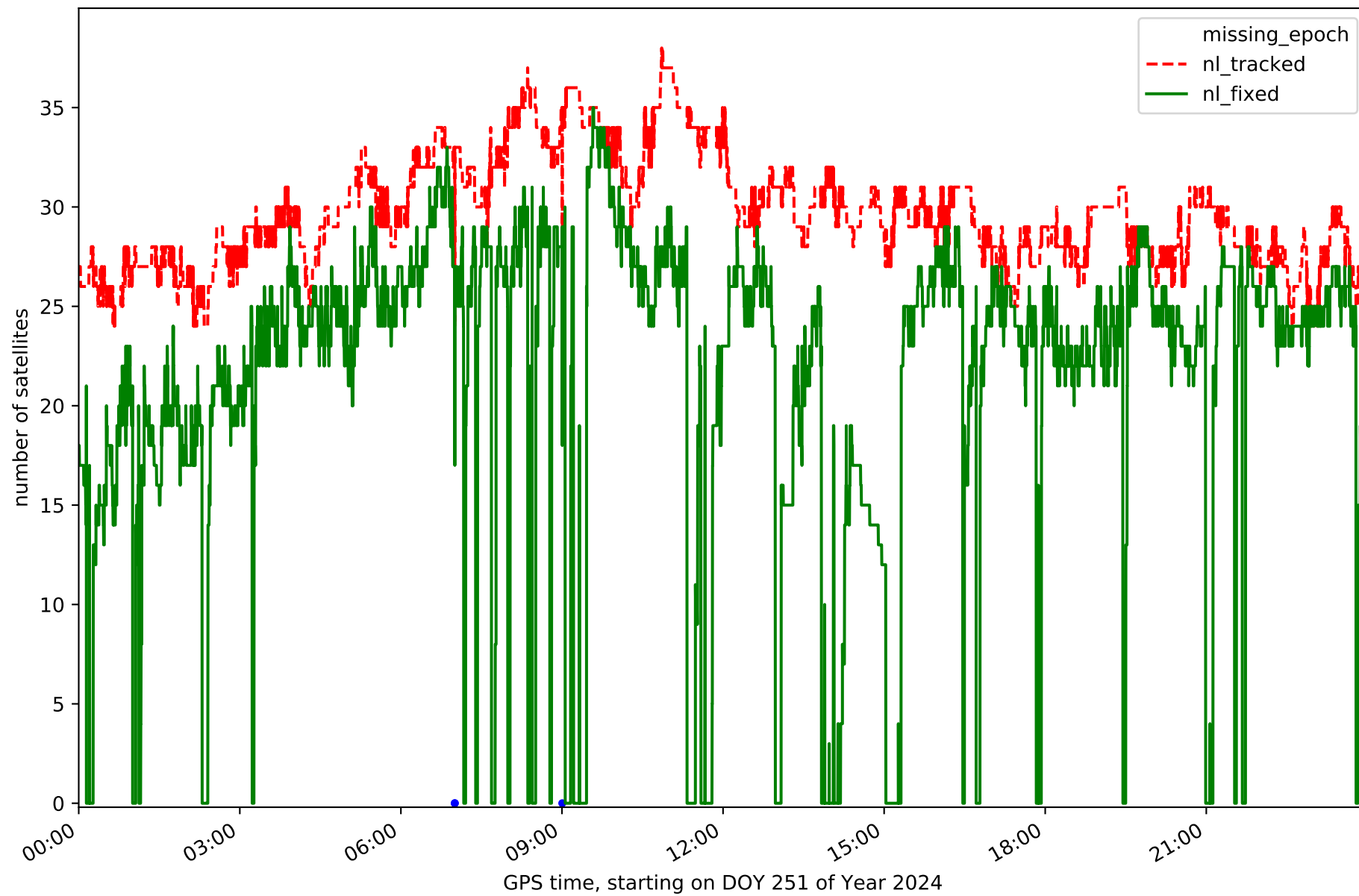
Station CREU in network NT10



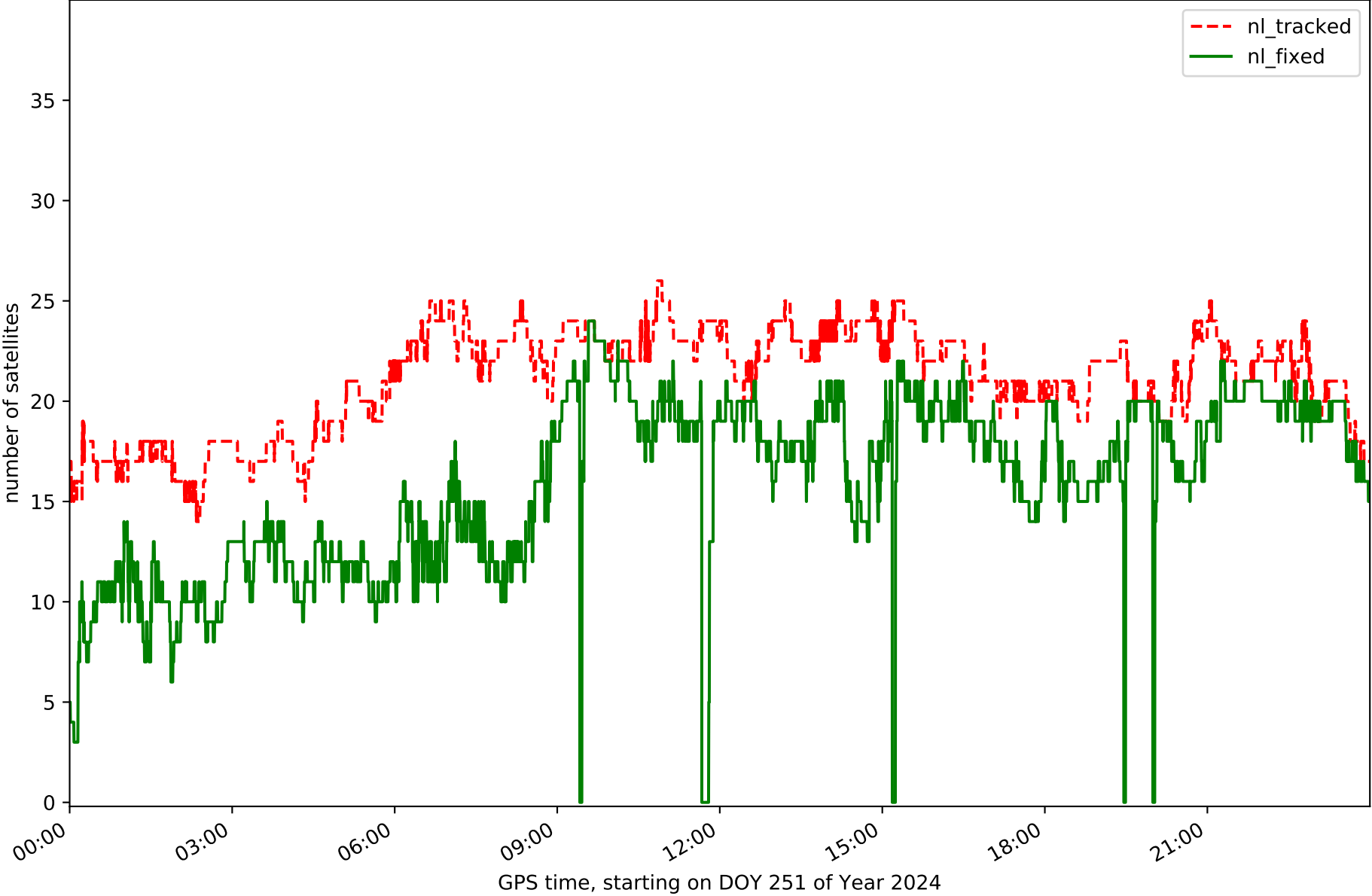
Station EBRE in network NT10



Station ESCO in network NT10

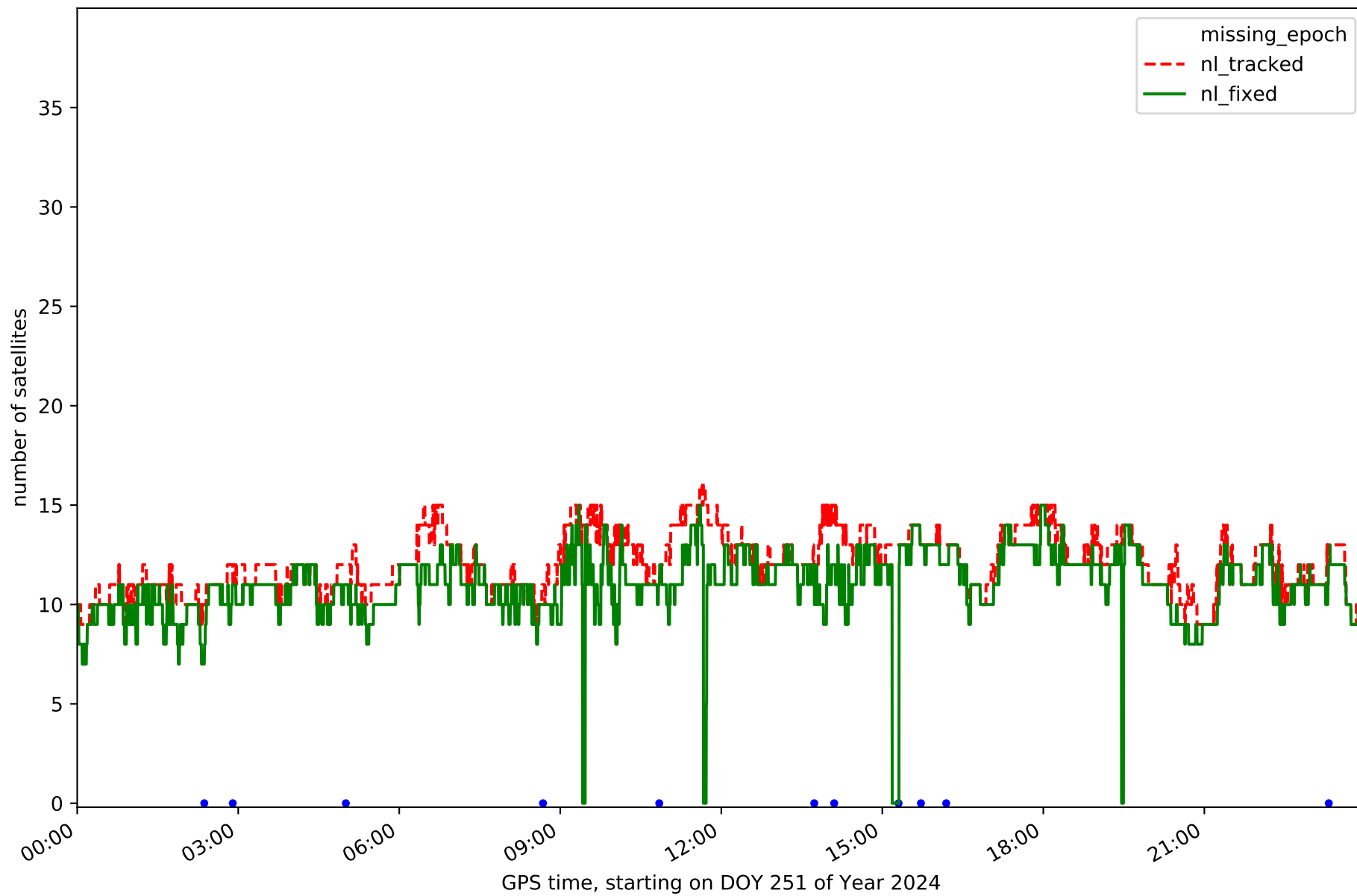


Station GIRO in network NT10

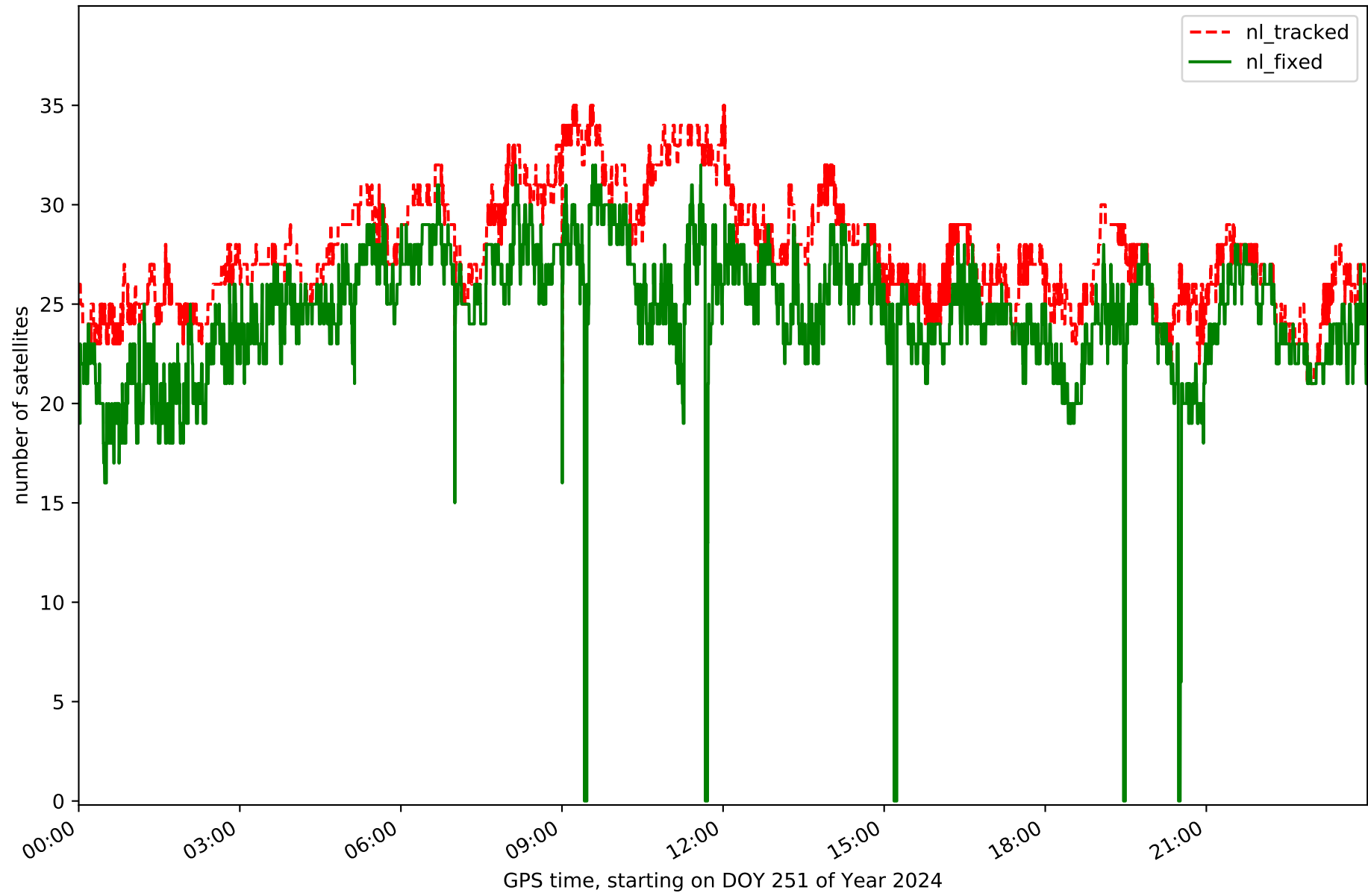




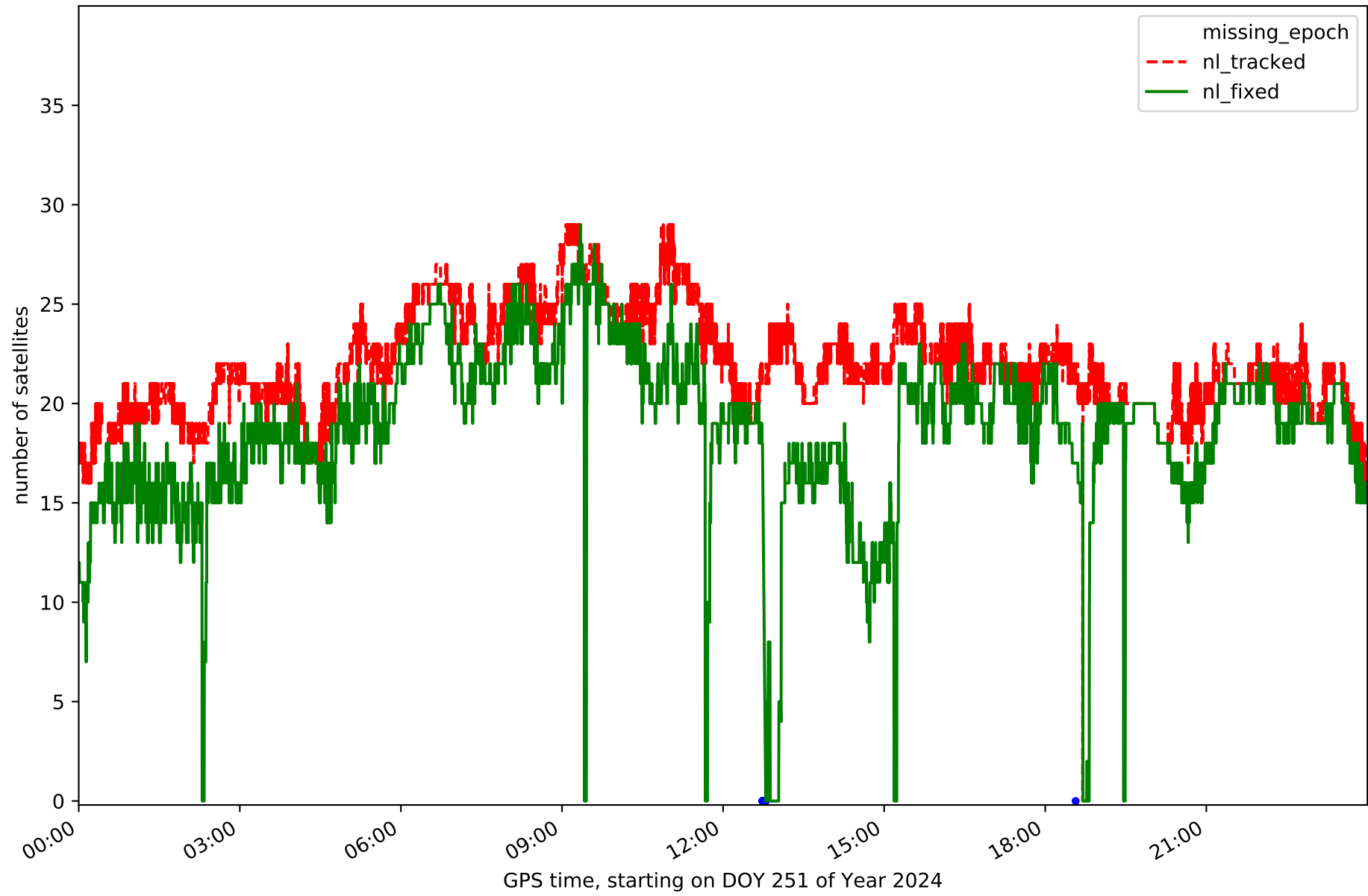
Station GRAU in network NT10



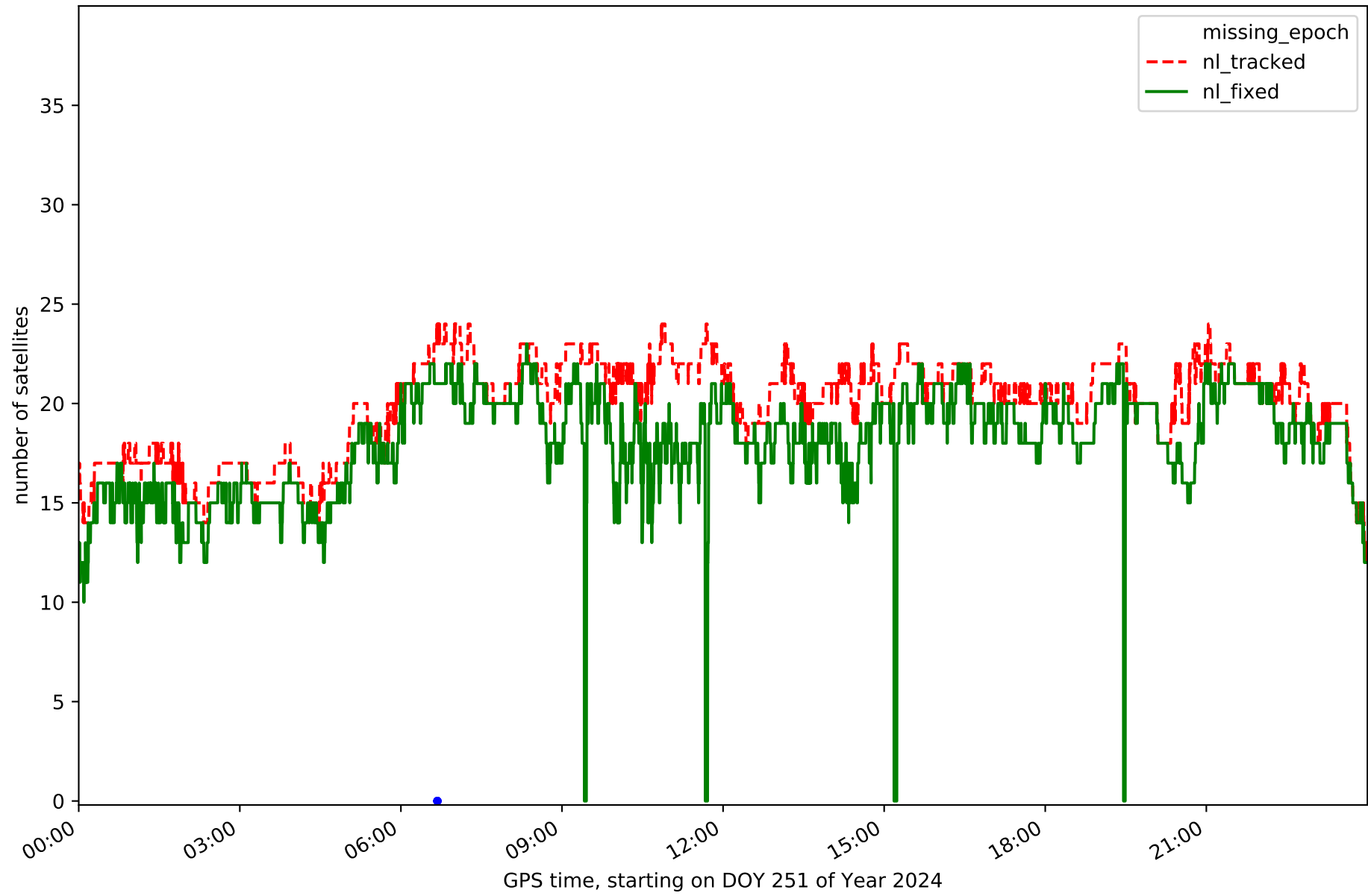
Station MEQU in network NT10



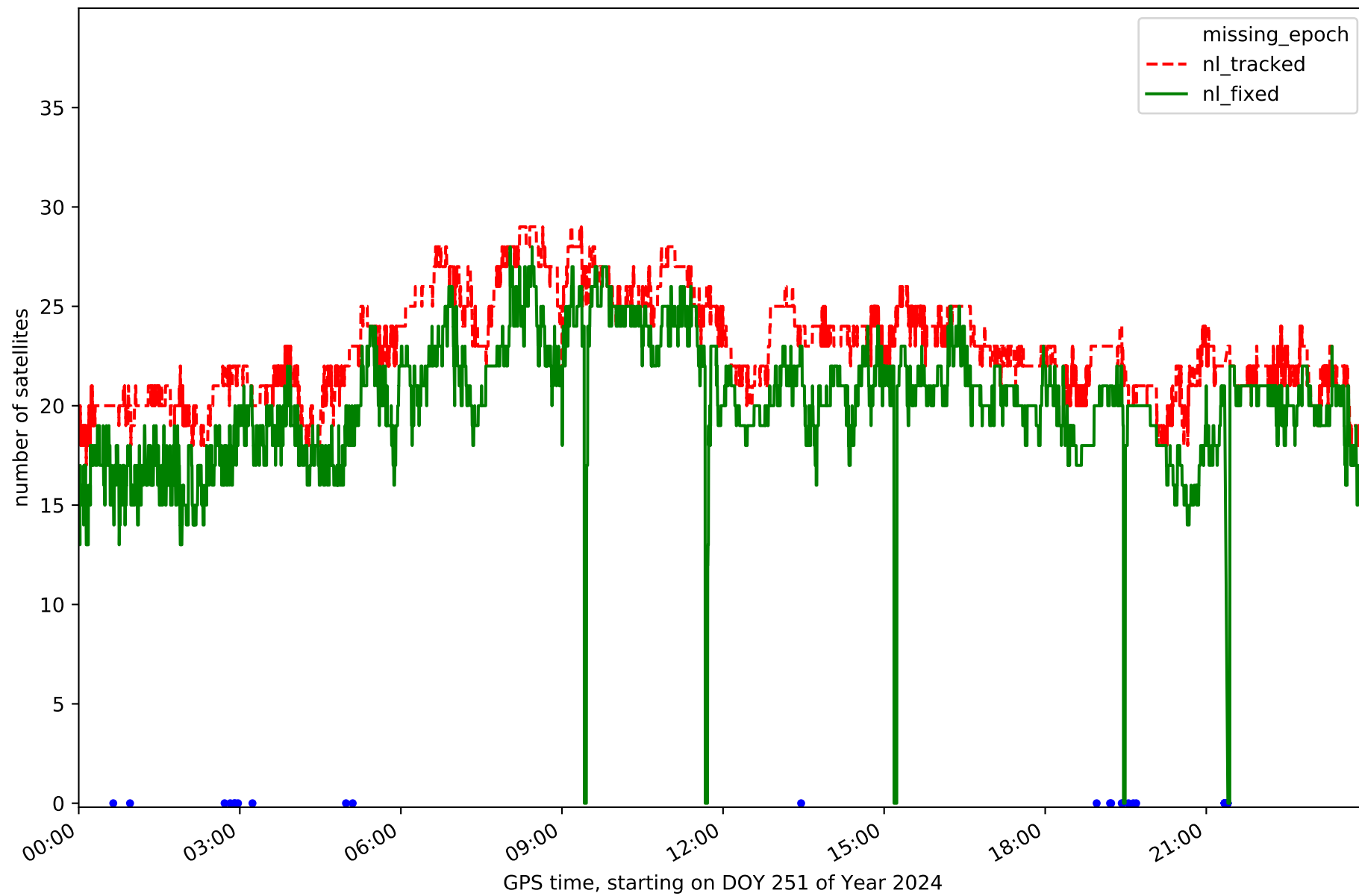
Station PUIG in network NT10



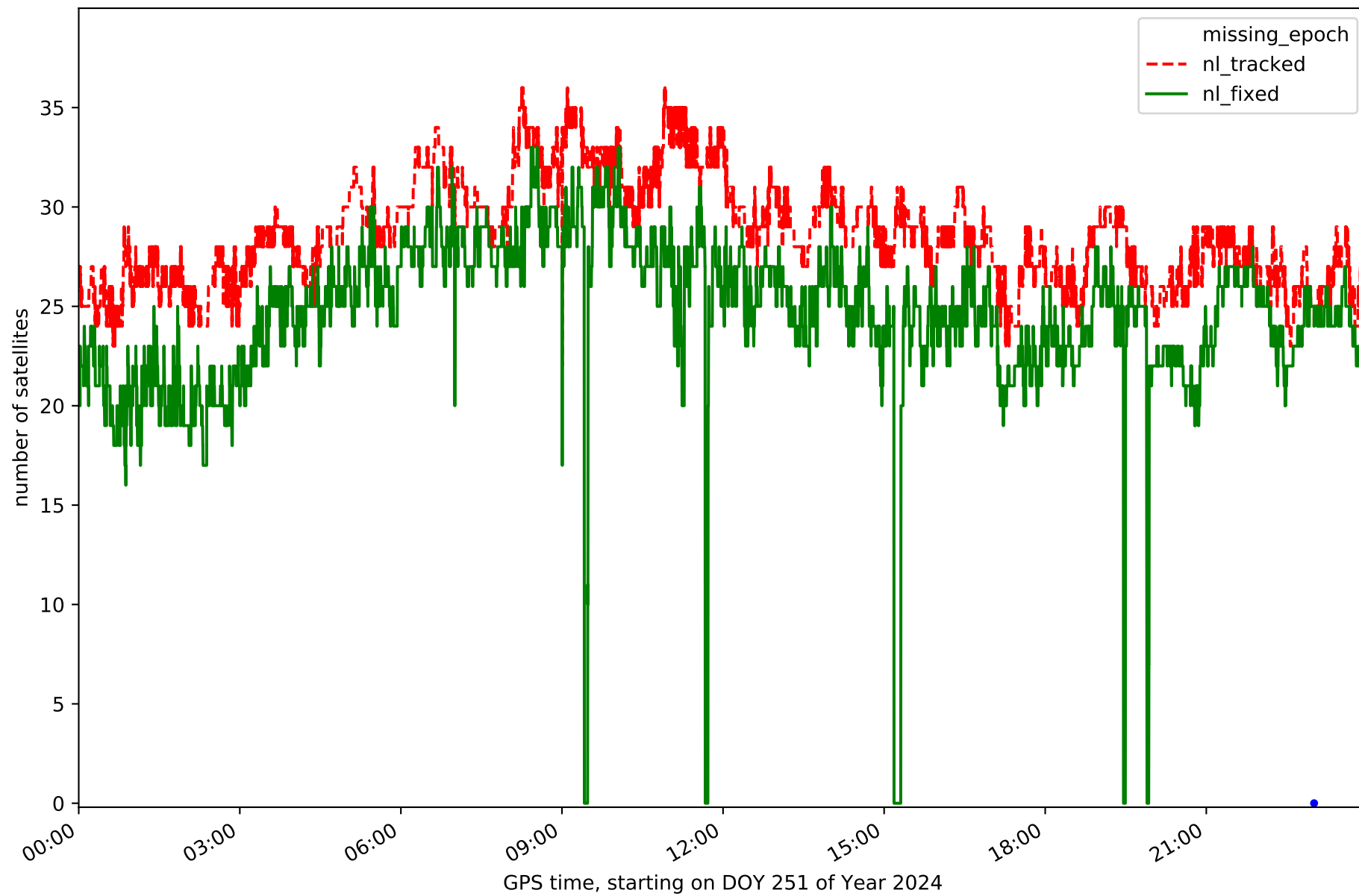
Station TARR in network NT10



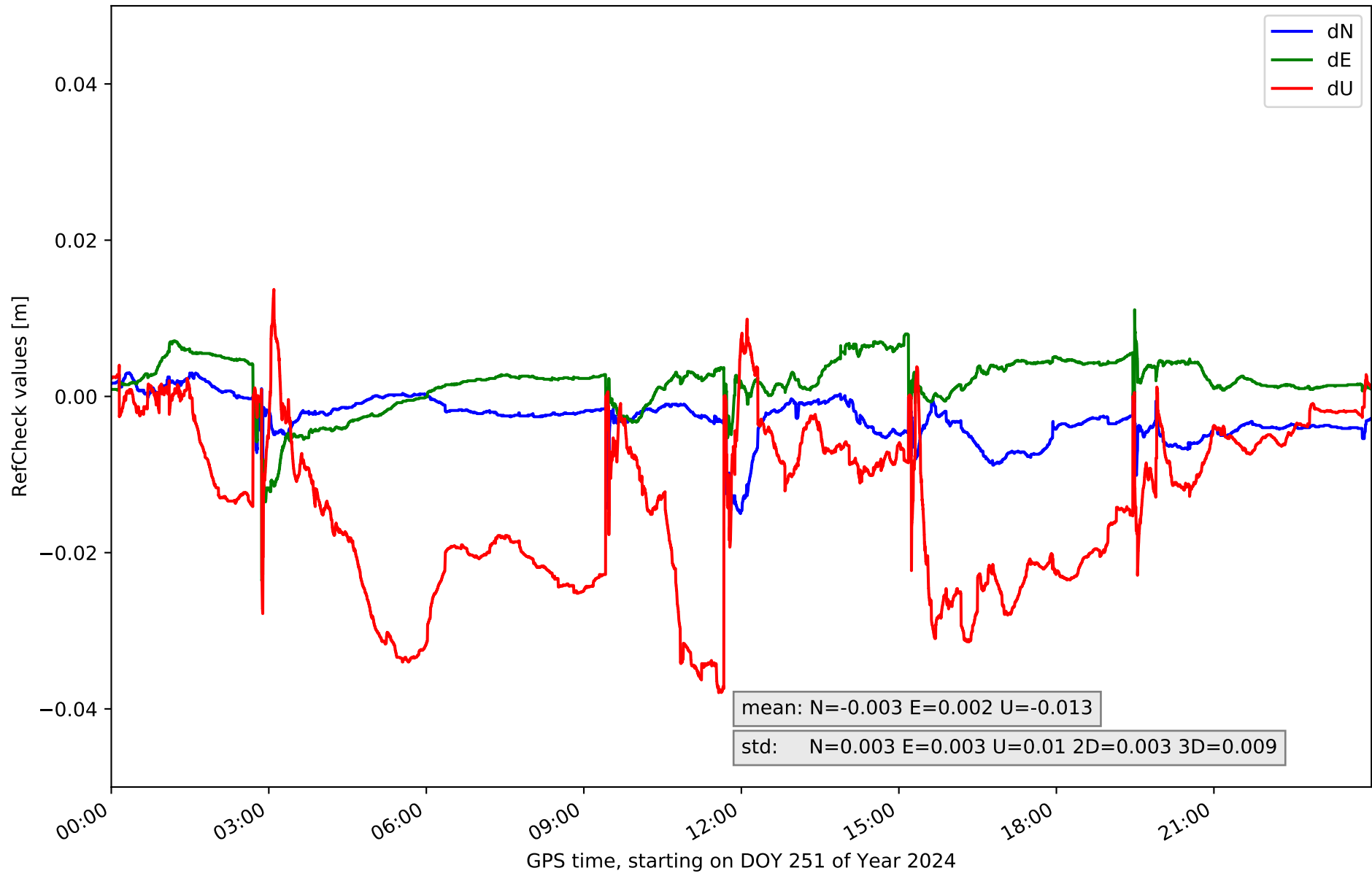
Station TRRG in network NT10



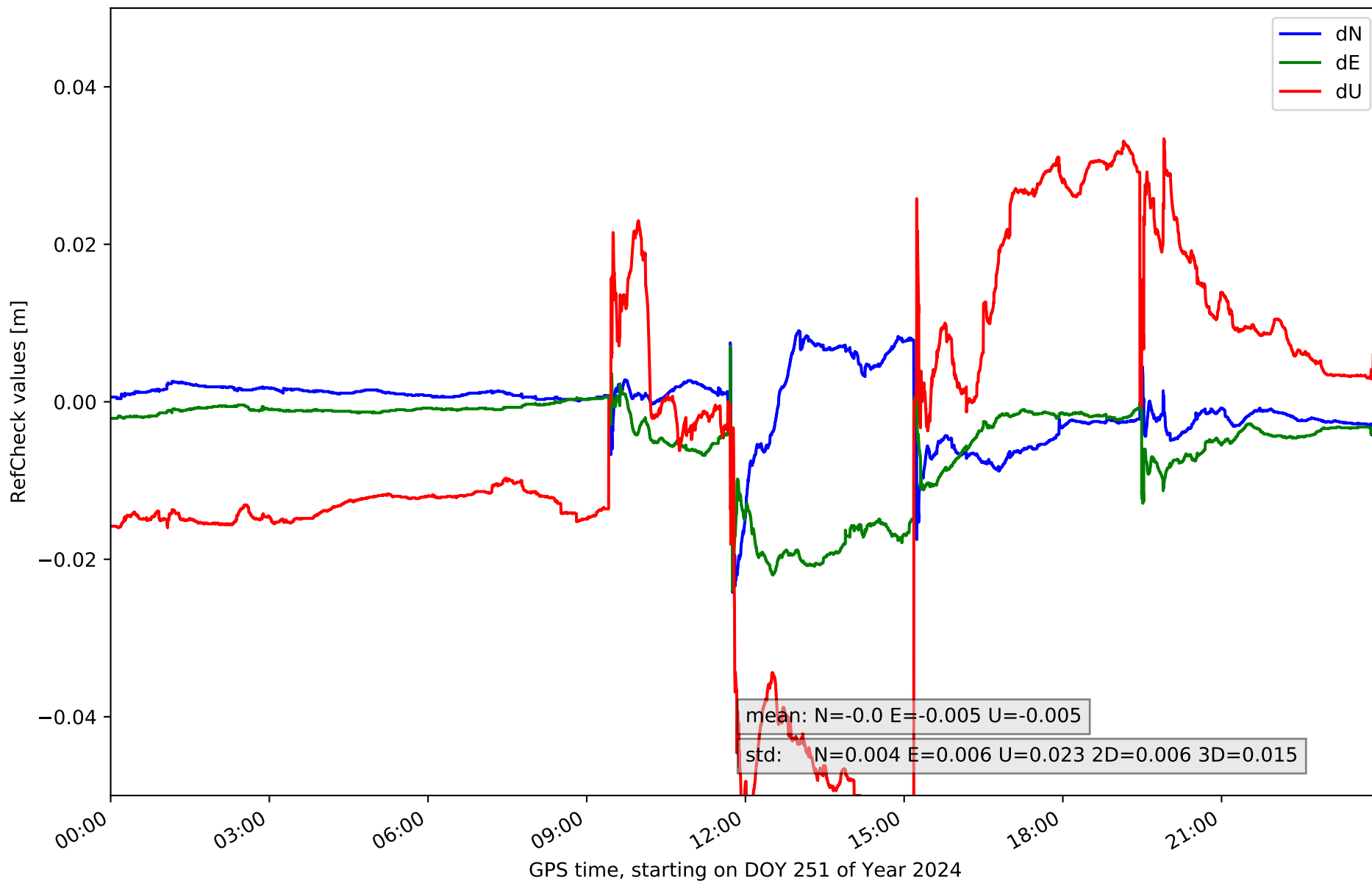
Station VRO2 in network NT10



# RefCheck for station BCL1 in network NT10

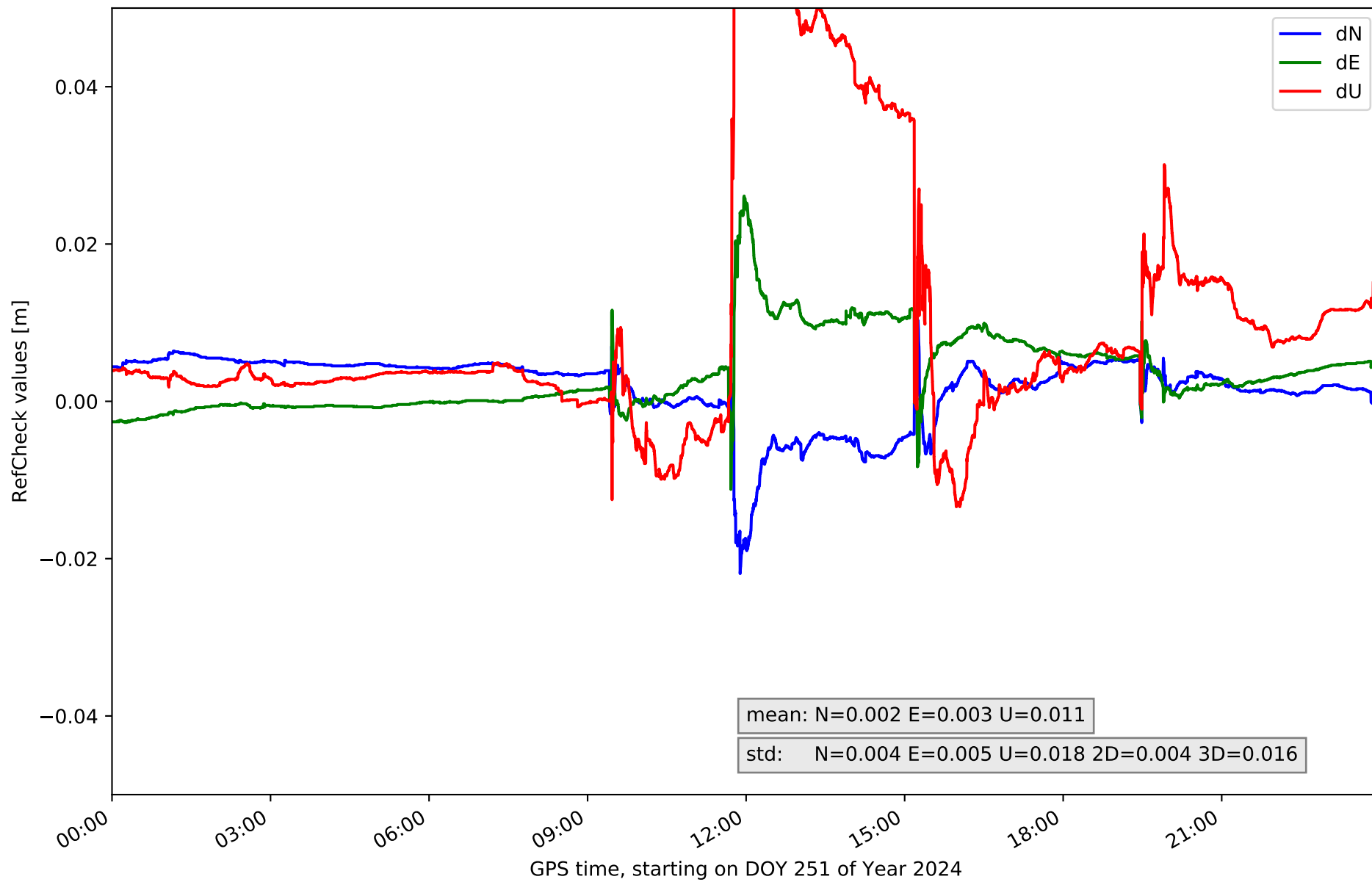


RefCheck for station BCLN in network NT10

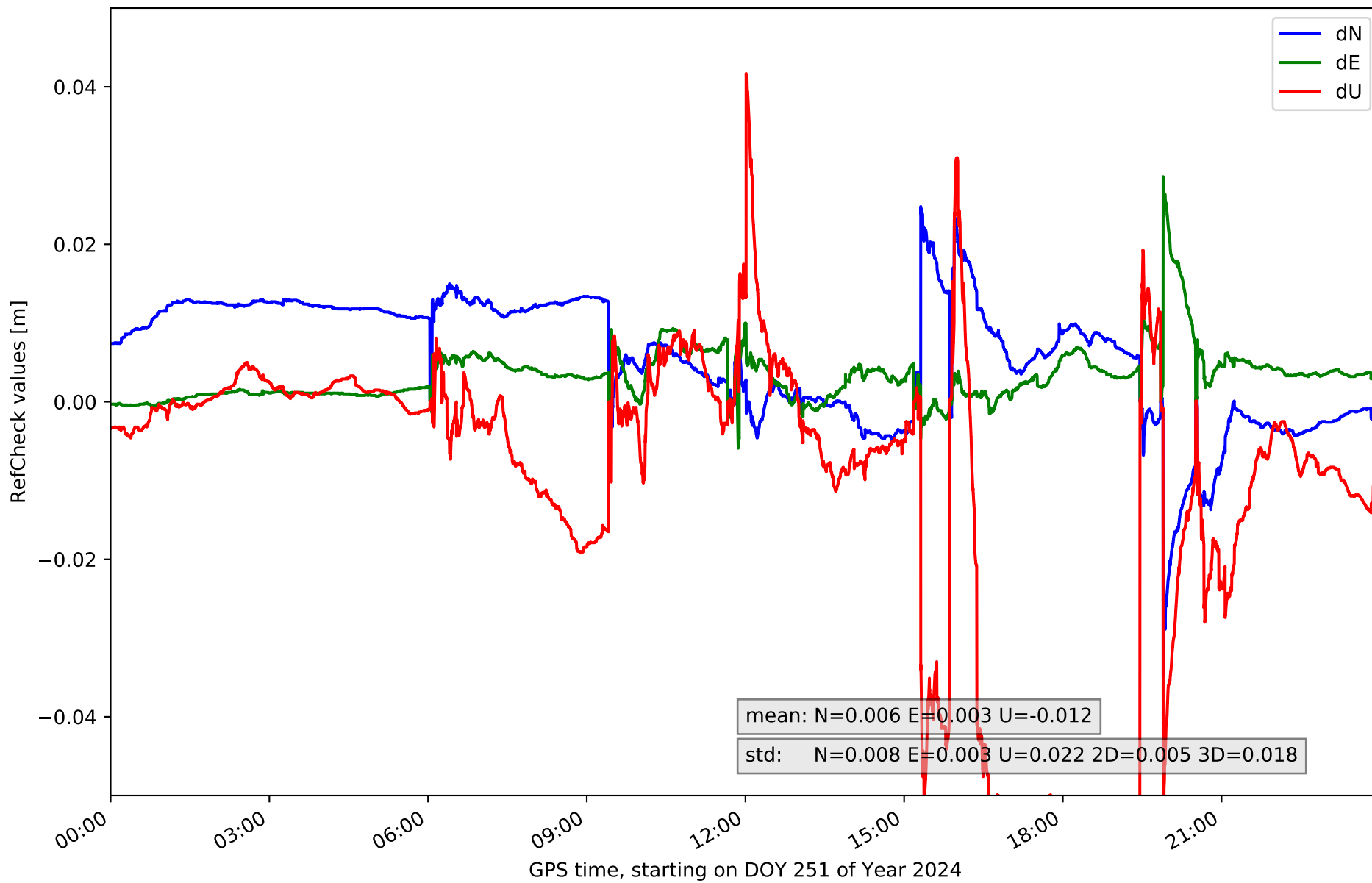




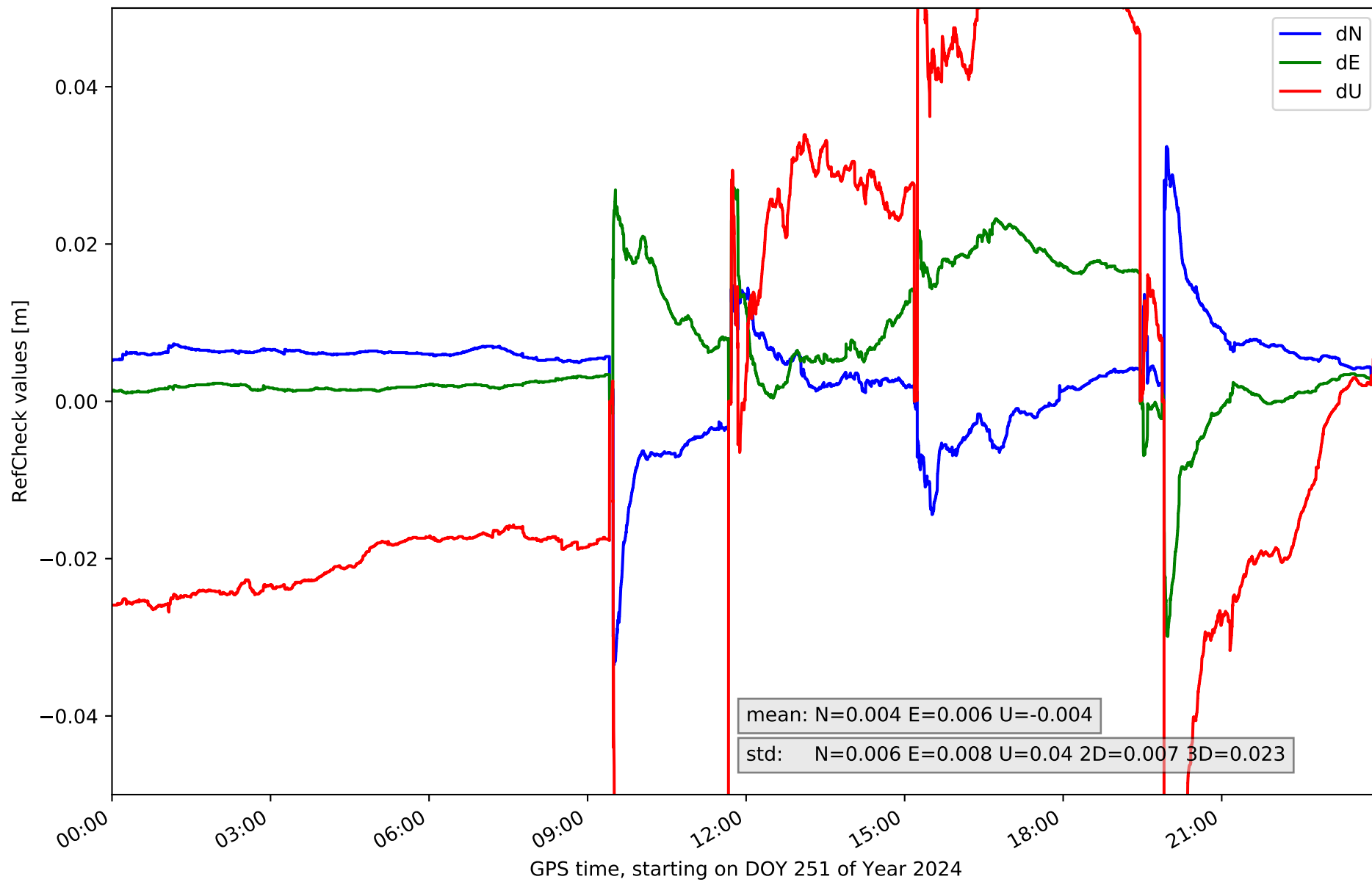
# RefCheck for station BELL in network NT10



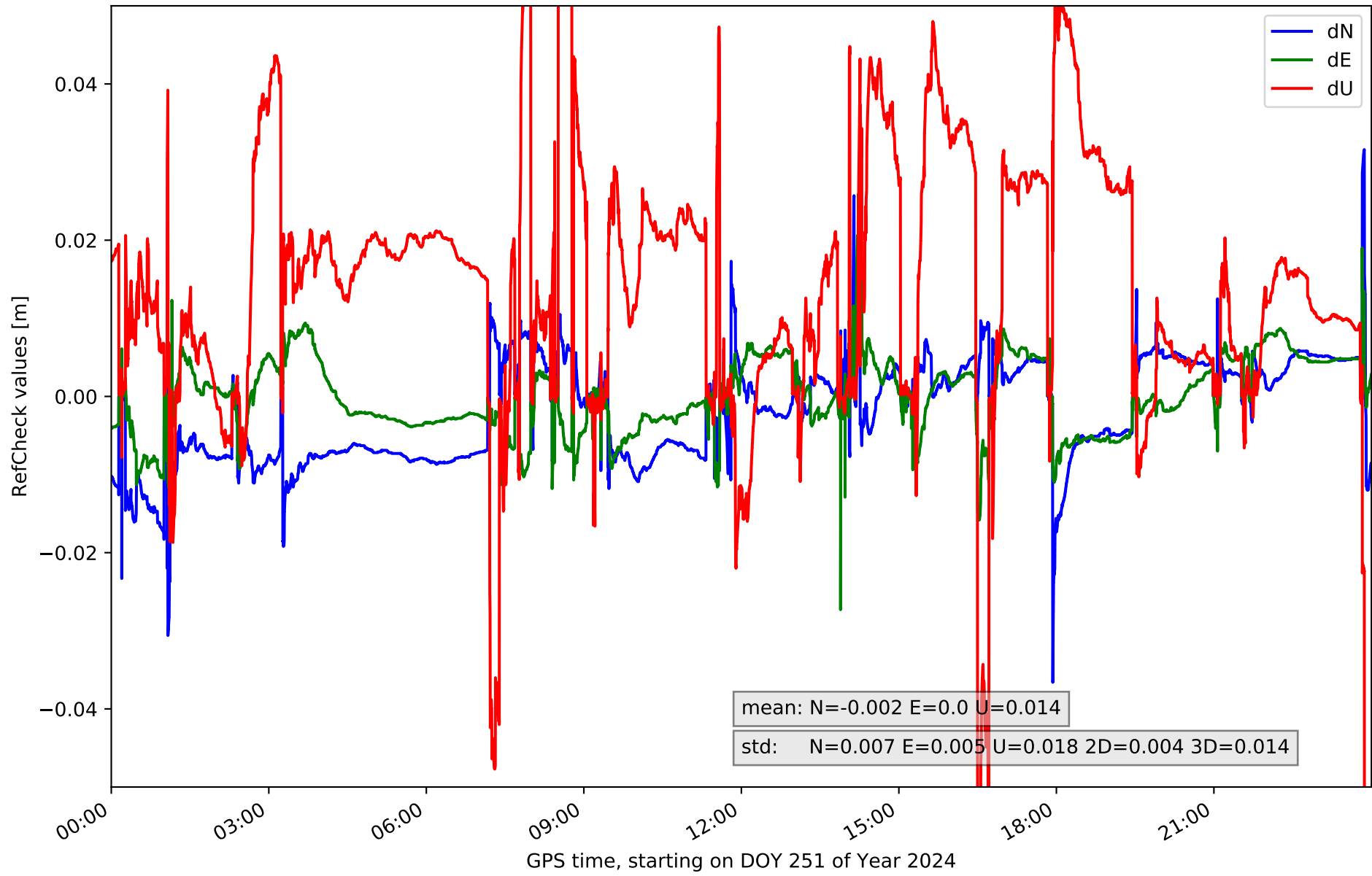
RefCheck for station CREU in network NT10



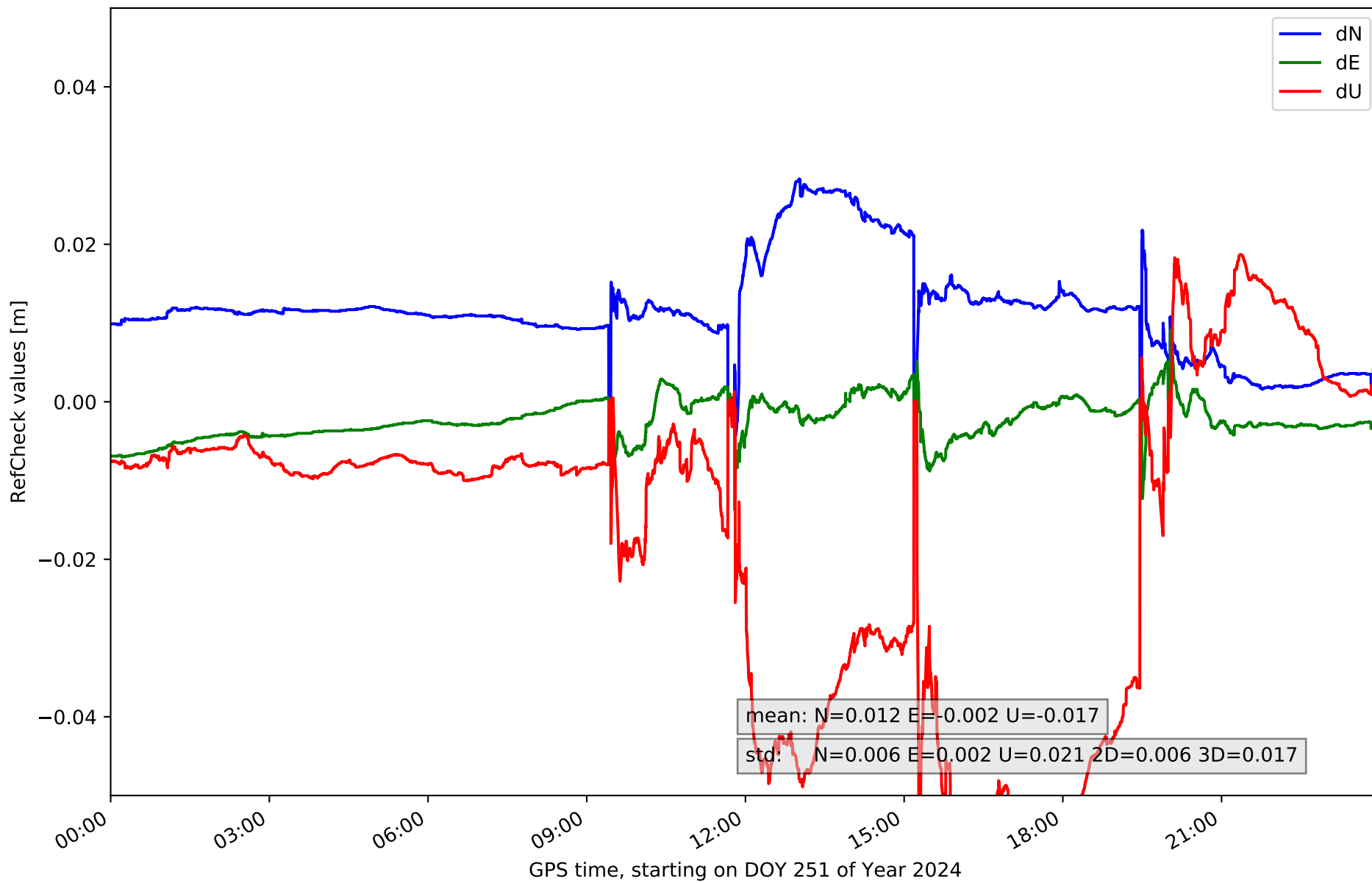
RefCheck for station EBRE in network NT10



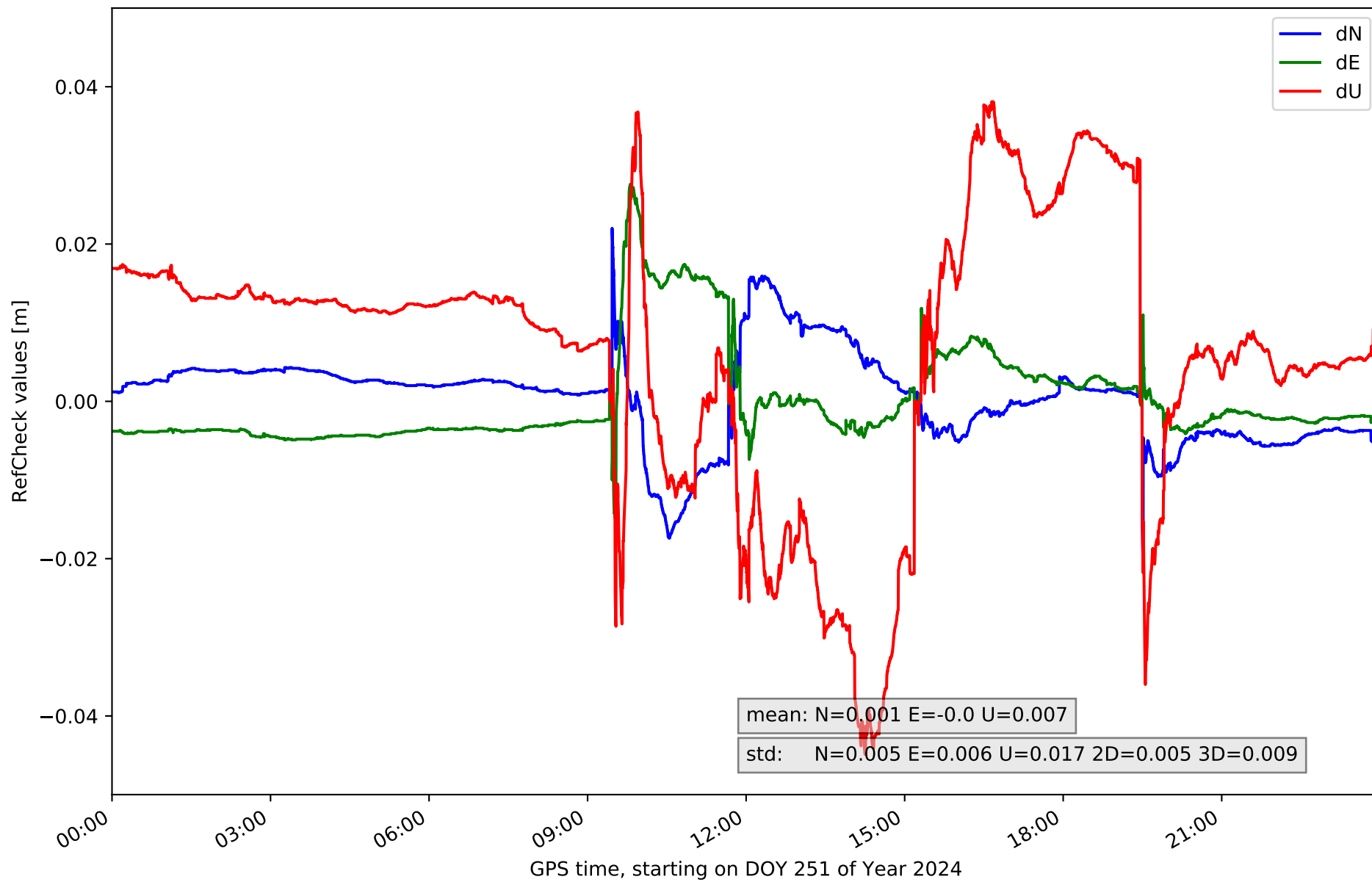
RefCheck for station ESCO in network NT10



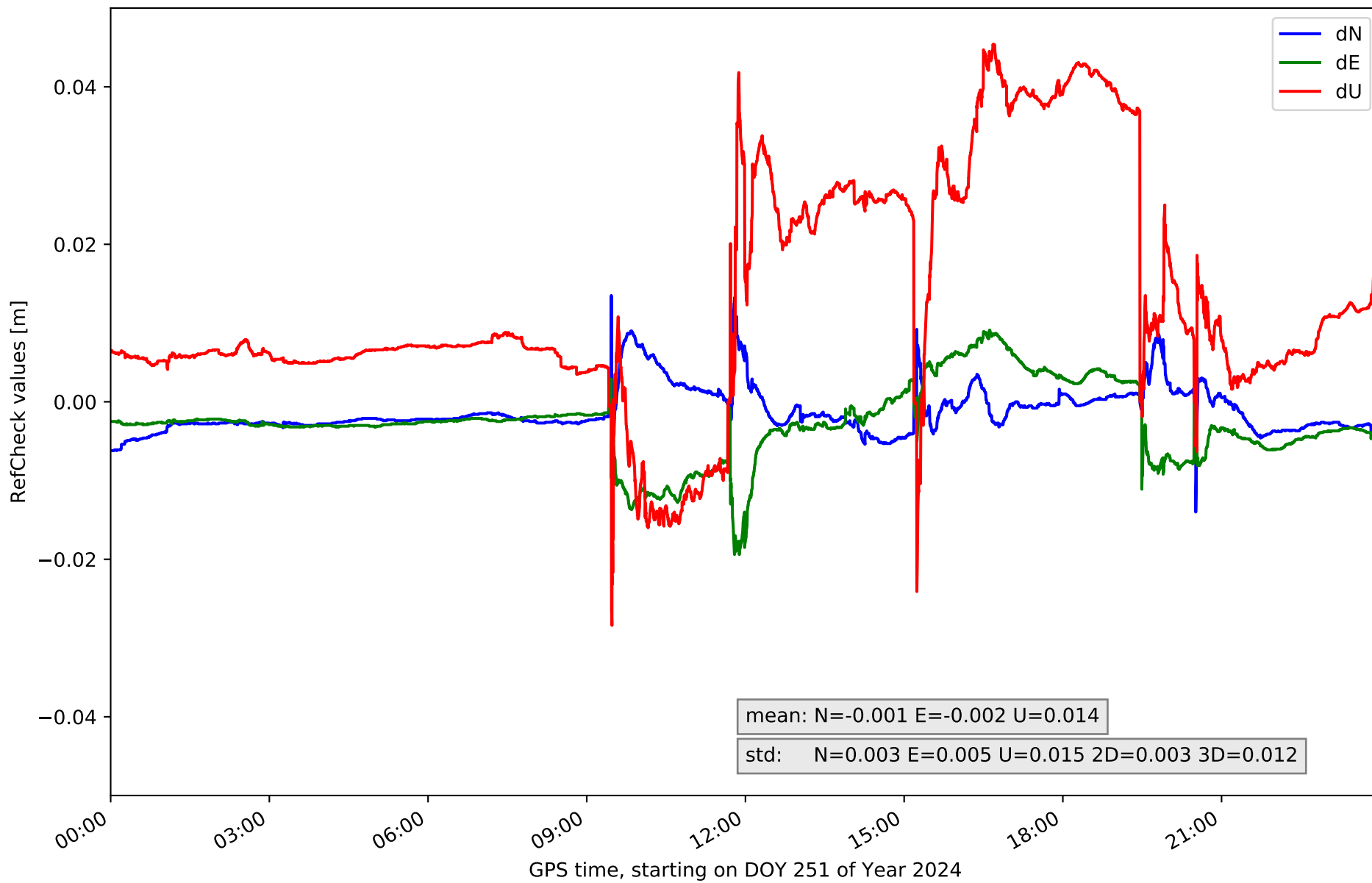
# RefCheck for station GIRO in network NT10



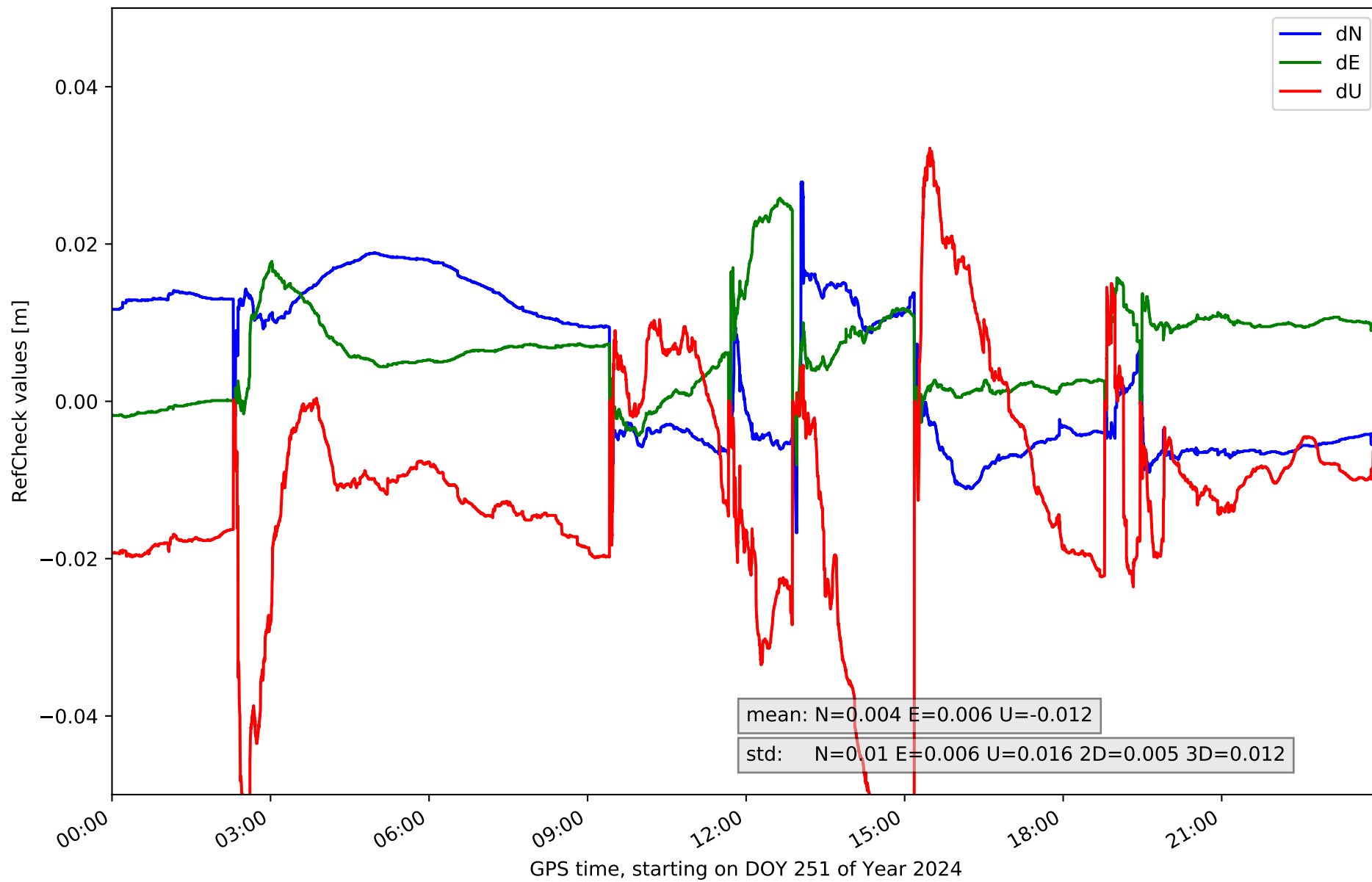
### RefCheck for station GRAU in network NT10



# RefCheck for station MEQU in network NT10

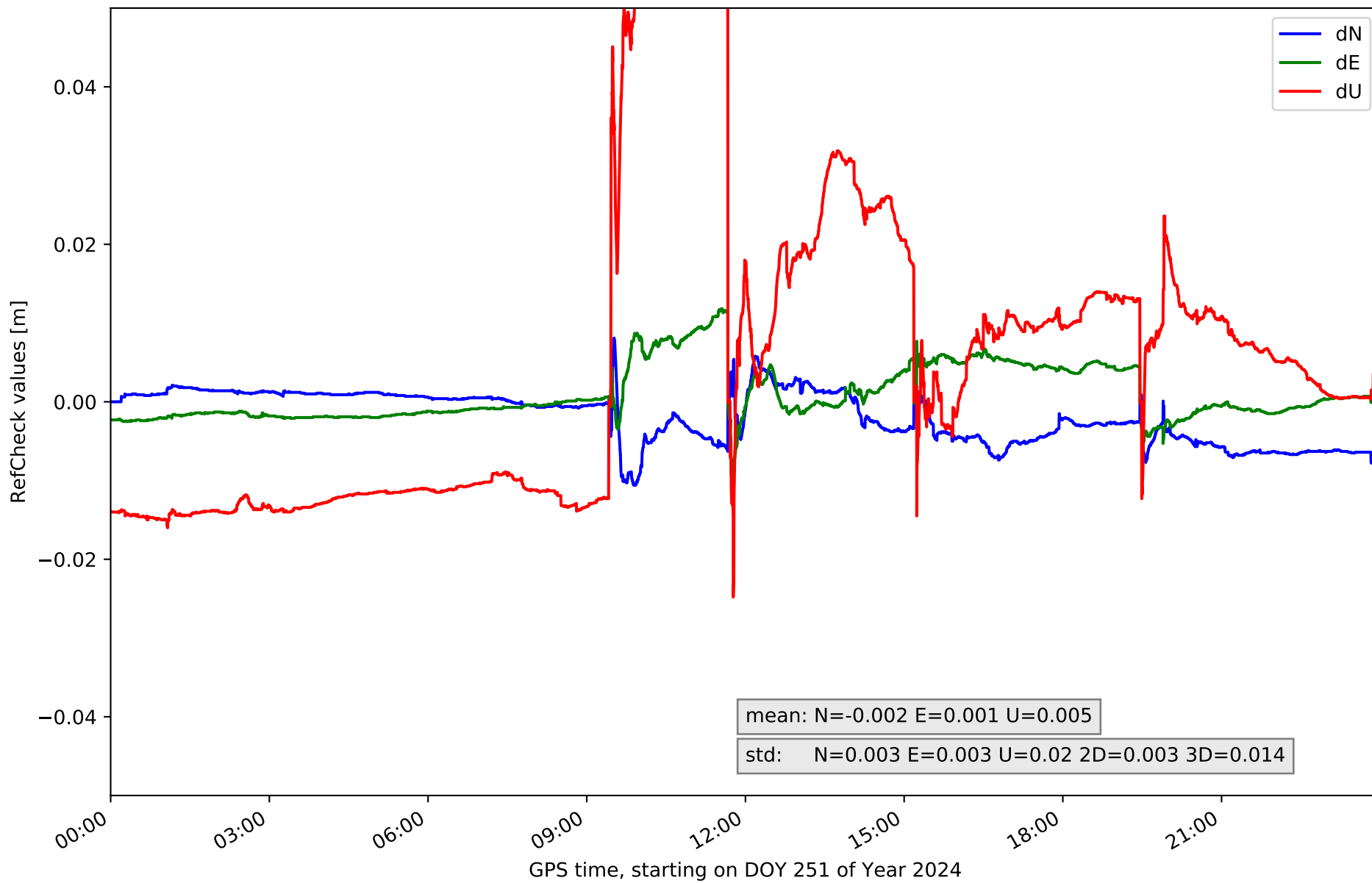


RefCheck for station PUIG in network NT10

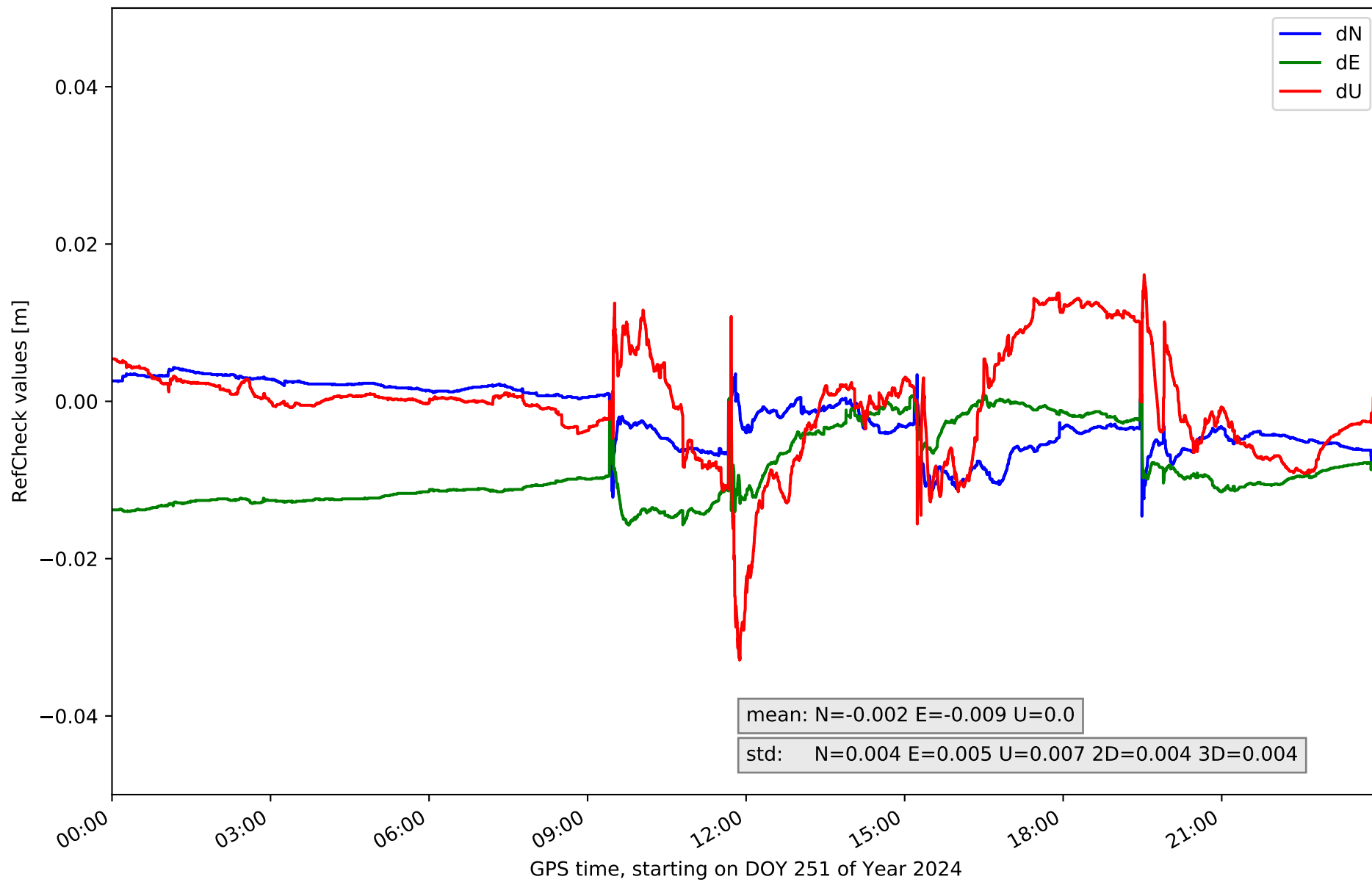




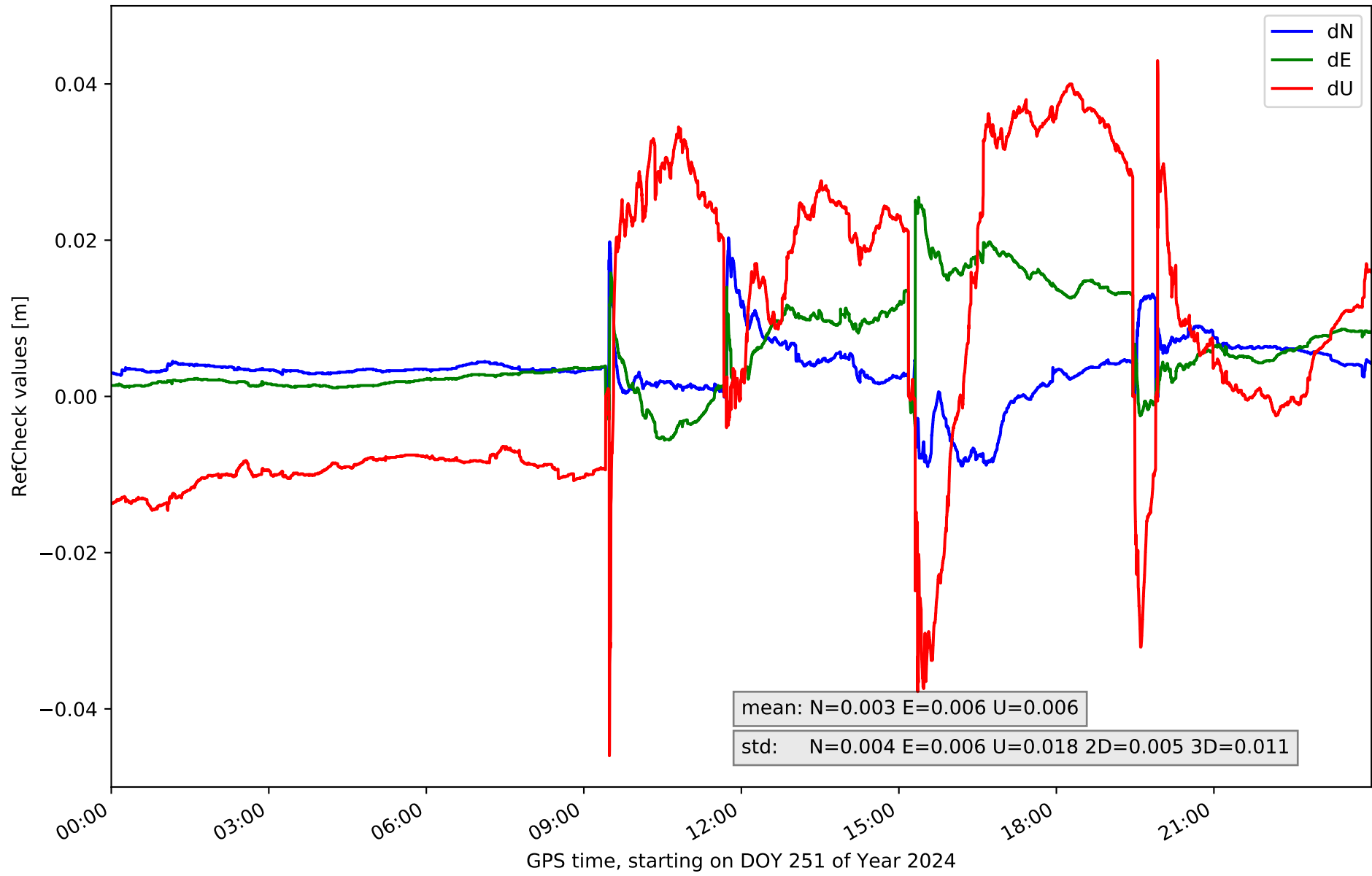
### RefCheck for station TARR in network NT10



### RefCheck for station TRRG in network NT10



# RefCheck for station VRO2 in network NT10



## RefCheck values for network NT10

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01     | % 2D > 0.01 | #3D > 0.02     | % 3D > 0.02 |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|----------------|-------------|----------------|-------------|
| BCL1           | -0.015        | 0.003        | 0.003        | -0.024        | 0.011        | 0.003        | -0.038        | 0.014        | 0.01         | 0.003        | 0.009        | 2145           | 3.0         | 23929          | 33.2        |
| BCLN           | -0.024        | 0.009        | 0.004        | -0.024        | 0.007        | 0.006        | -0.065        | 0.033        | 0.023        | 0.006        | 0.015        | 11723          | 16.3        | 23019          | 32.0        |
| BELL           | -0.022        | 0.011        | 0.004        | -0.011        | 0.026        | 0.005        | -0.013        | <b>0.108</b> | 0.018        | 0.004        | 0.016        | 11029          | 15.3        | 10887          | 15.1        |
| CREU           | -0.035        | 0.025        | 0.008        | -0.006        | <b>0.029</b> | 0.003        | -0.071        | 0.042        | 0.022        | 0.005        | 0.018        | 35628          | 49.5        | 19277          | 26.8        |
| EBRE           | -0.034        | <b>0.032</b> | 0.006        | <b>-0.03</b>  | 0.027        | <b>0.008</b> | <b>-0.13</b>  | 0.068        | <b>0.04</b>  | <b>0.007</b> | <b>0.023</b> | 23987          | 33.3        | <b>52357</b>   | <b>72.7</b> |
| ESCO           | <b>-0.037</b> | <b>0.032</b> | 0.007        | -0.027        | 0.026        | 0.005        | -0.112        | 0.062        | 0.018        | 0.004        | 0.014        | 10911          | 15.2        | 32597          | 45.3        |
| GIRO           | -0.004        | 0.028        | 0.006        | -0.014        | 0.009        | 0.002        | -0.063        | 0.019        | 0.021        | 0.006        | 0.017        | 53848          | 74.8        | 25816          | 35.9        |
| GRAU           | -0.021        | 0.022        | 0.005        | -0.015        | 0.028        | 0.006        | -0.045        | 0.038        | 0.017        | 0.005        | 0.009        | 8933           | 12.4        | 24593          | 34.2        |
| MEQU           | -0.014        | 0.013        | 0.003        | -0.019        | 0.009        | 0.005        | -0.028        | 0.045        | 0.015        | 0.003        | 0.012        | 5081           | 7.1         | 24177          | 33.6        |
| PUIG           | -0.017        | 0.028        | <b>0.01</b>  | -0.008        | 0.026        | 0.006        | -0.069        | 0.032        | 0.016        | 0.005        | 0.012        | <b>55117</b>   | <b>76.6</b> | 37097          | 51.5        |
| TARR           | -0.011        | 0.008        | 0.003        | -0.011        | 0.012        | 0.003        | -0.025        | 0.073        | 0.02         | 0.003        | 0.014        | 2326           | 3.2         | 11267          | 15.7        |
| TRRG           | -0.015        | 0.004        | 0.004        | -0.016        | 0.001        | 0.005        | -0.033        | 0.016        | 0.007        | 0.004        | 0.004        | 48182          | 66.9        | 1029           | 1.4         |
| VRO2           | -0.009        | 0.02         | 0.004        | -0.006        | 0.025        | 0.006        | -0.046        | 0.043        | 0.018        | 0.005        | 0.011        | 25382          | 35.3        | 26437          | 36.7        |
| <b>Mean</b>    | <b>-0.02</b>  | <b>0.018</b> | <b>0.005</b> | <b>-0.016</b> | <b>0.018</b> | <b>0.005</b> | <b>-0.057</b> | <b>0.046</b> | <b>0.019</b> | <b>0.005</b> | <b>0.013</b> | <b>22637.8</b> | <b>31.5</b> | <b>24037.1</b> | <b>33.4</b> |
| <b>Min/Max</b> | <b>-0.037</b> | <b>0.032</b> | <b>0.01</b>  | <b>-0.03</b>  | <b>0.029</b> | <b>0.008</b> | <b>-0.13</b>  | <b>0.108</b> | <b>0.04</b>  | <b>0.007</b> | <b>0.023</b> | <b>55117</b>   | <b>76.6</b> | <b>52357</b>   | <b>72.7</b> |

fixing statistic for network NT10

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 88.0     | 91.7 | 89.4 | 93.5 | 78.9 |
| considering satellites with dual-frequency fixed | 83.6     | 84.8 | 83.5 | 86.4 | 76.9 |
| considering all signals separately               | 83.8     | 85.0 | 83.5 | 86.8 | 75.2 |