

## summary for network NET4

timeperiod chosen: from 2024-08-29-00:00:00 until 2024-08-29-23:59:58

average update rate (durations larger than 15 seconds considered as observation gap): 2.4 seconds

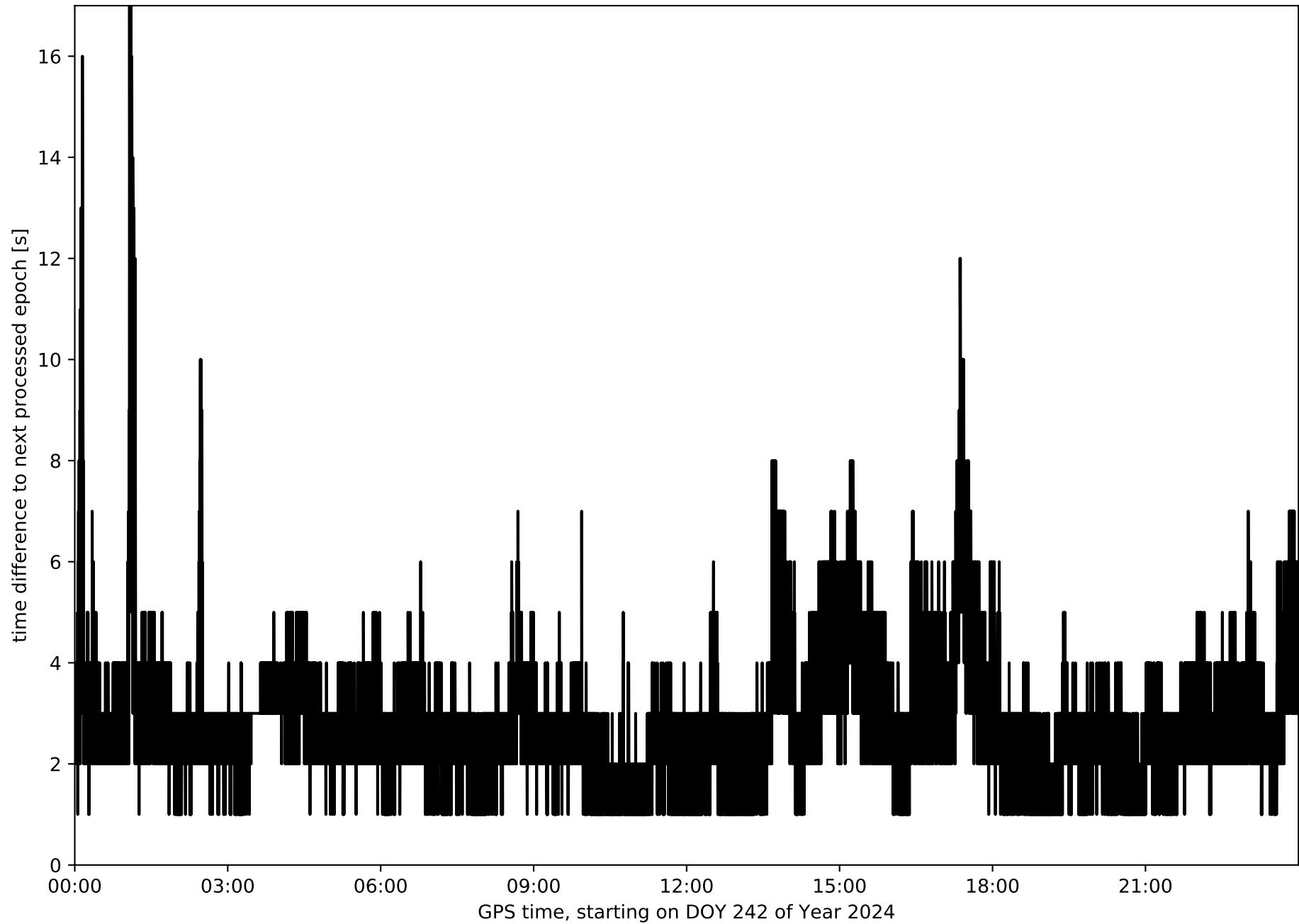
average fixing percentage with threshold set to 0.3: 86.8 percent

stations available: 18 of 18

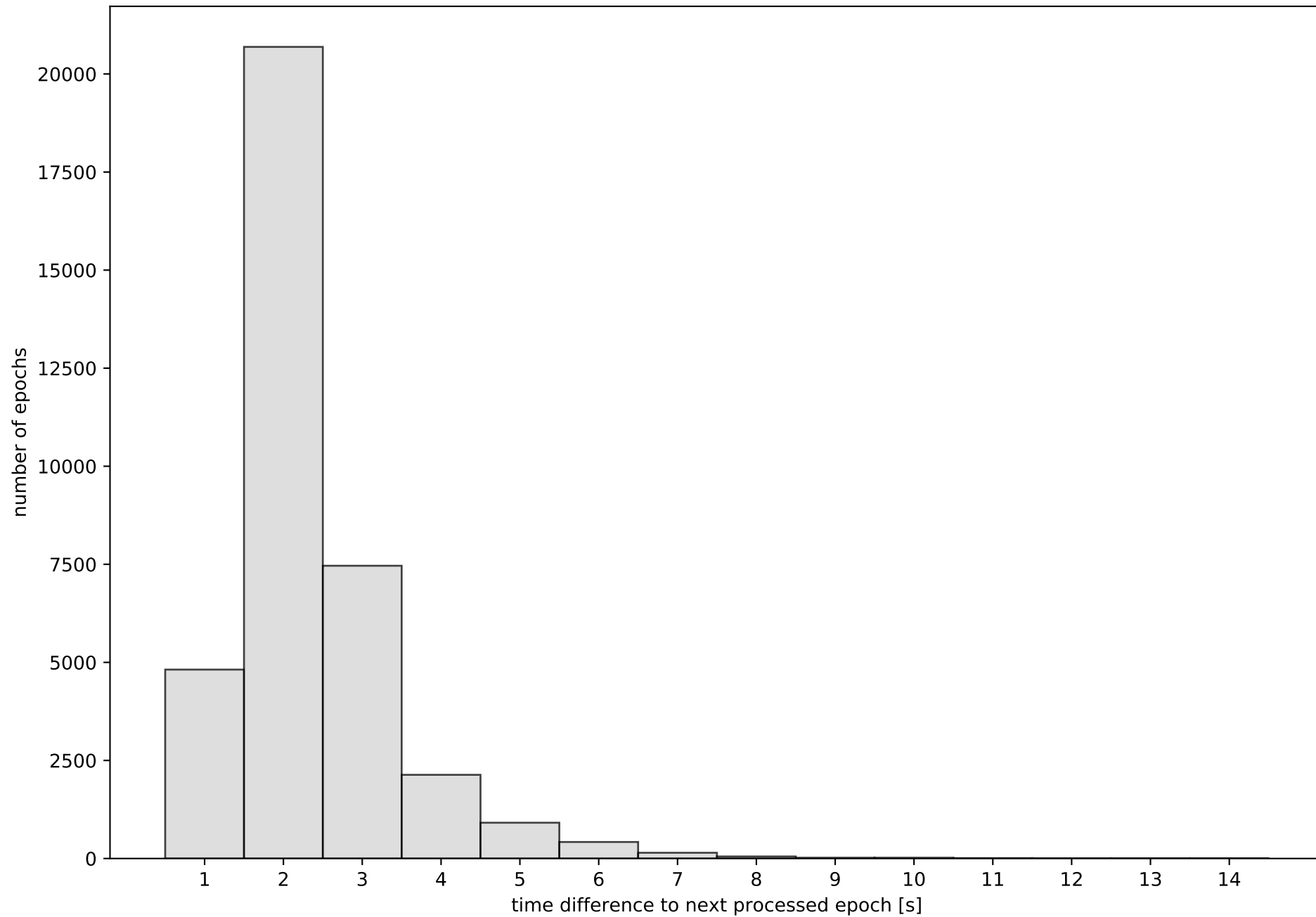
station information:

|               |                              |                         |                  |
|---------------|------------------------------|-------------------------|------------------|
| station ACNS: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 871.274  |
| station ARSP: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 638.139  |
| station BURG: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 939.518  |
| station GUIJ: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 1065.441 |
| station MDNR: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 811.482  |
| station MYRG: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 843.889  |
| station ONOR: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 849.379  |
| station PALE: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 797.588  |
| station PDB1: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 970.98   |
| station PEN1: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR30    | height: 814.558  |
| station SALA: | antenna: LEIAR25 NONE        | receiver: LEICA GR50    | height: 855.021  |
| station SALD: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 971.366  |
| station STVD: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 807.544  |
| station TORO: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 806.931  |
| station VALA: | antenna: LEIAR25.R3 NONE     | receiver: LEICA GR30    | height: 765.886  |
| station VNAN: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 864.291  |
| station VTGD: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 834.528  |
| station ZMRA: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 740.708  |

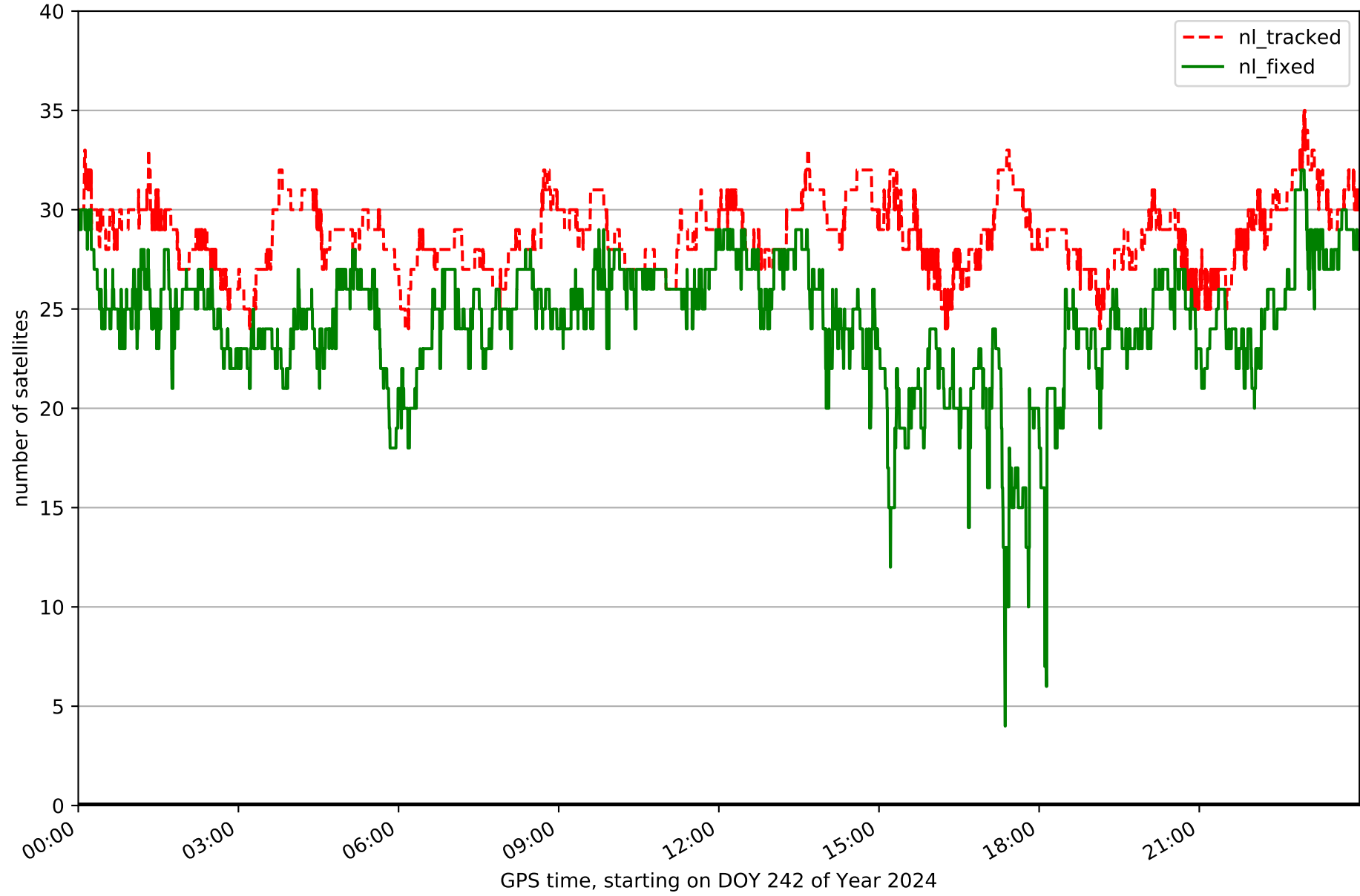
Processing rate in network NET4



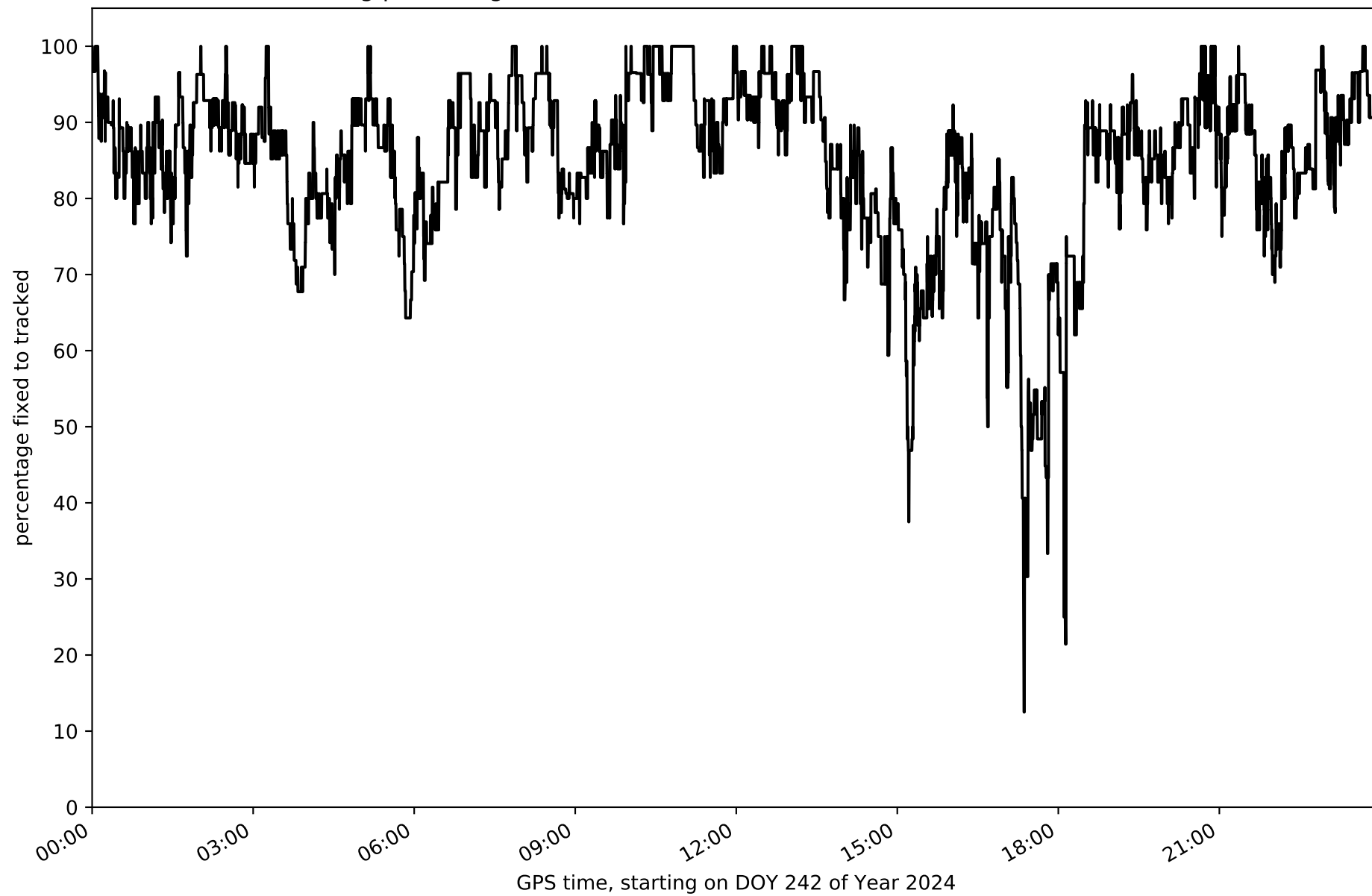
Histogram of the processing rate in network NET4 (durations larger 15 seconds neglected)



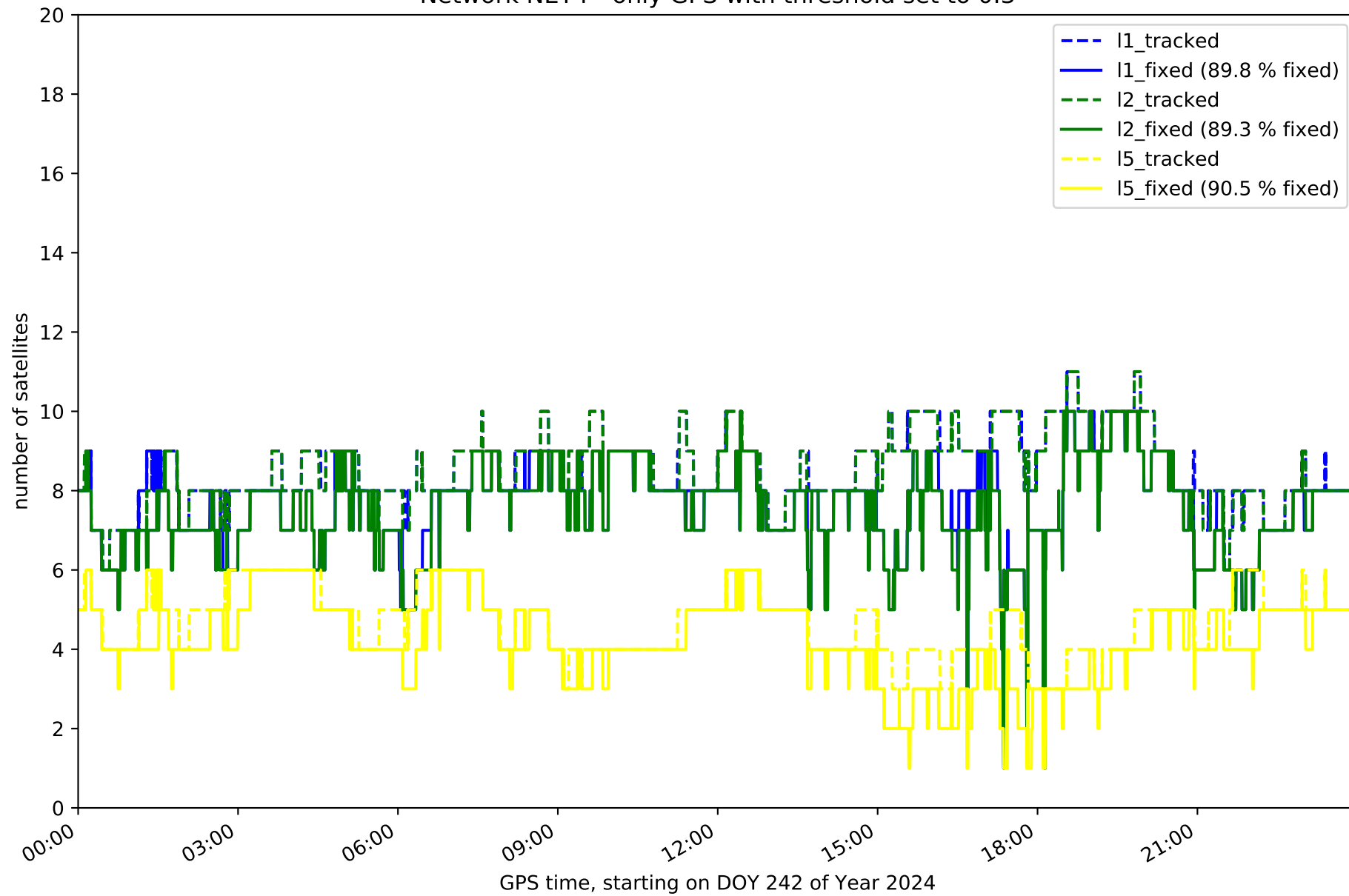
Network NET4 with threshold set to 0.3



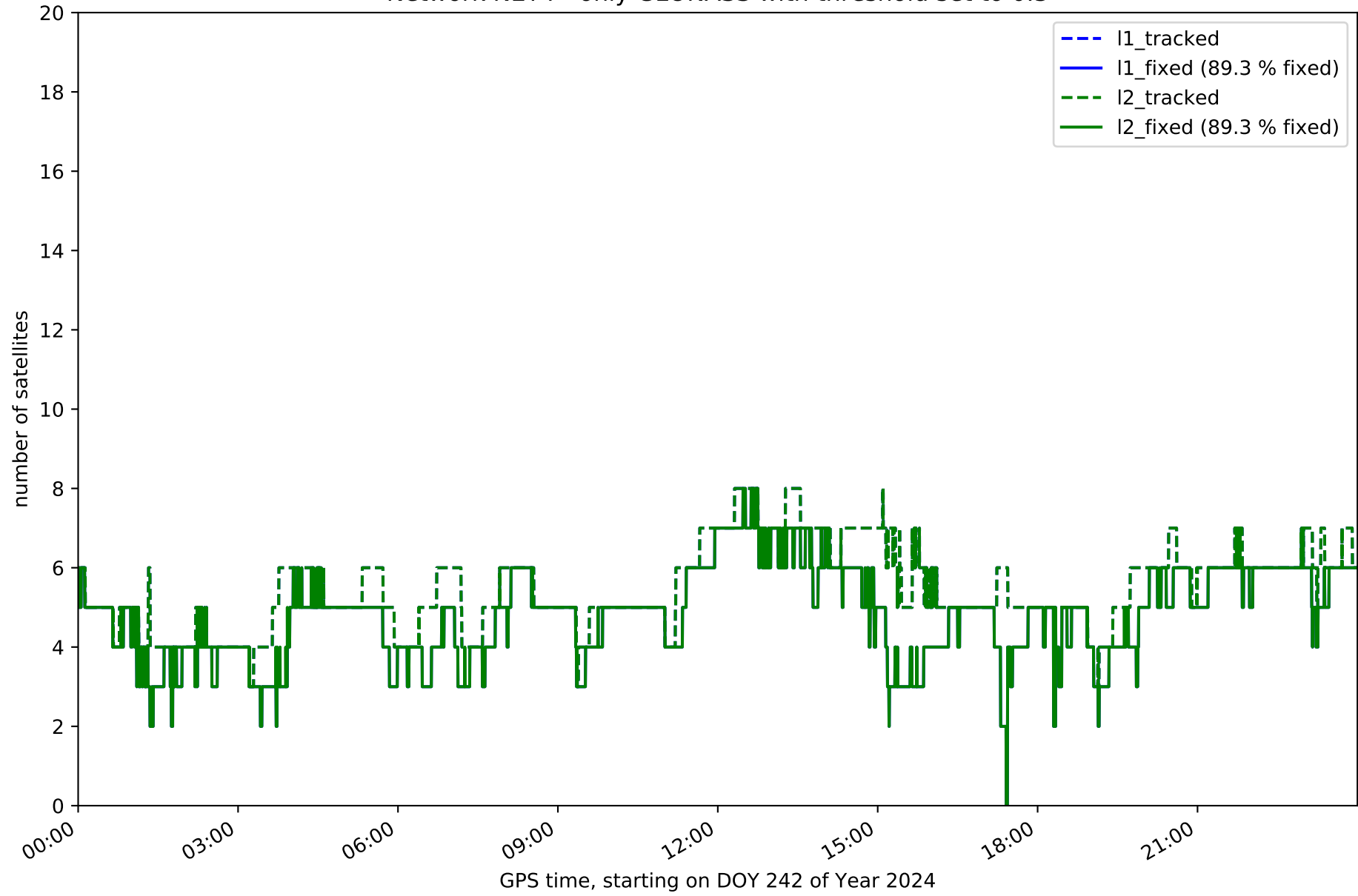
Fixing percentage of satellites in network NET4 with threshold set to 0.3



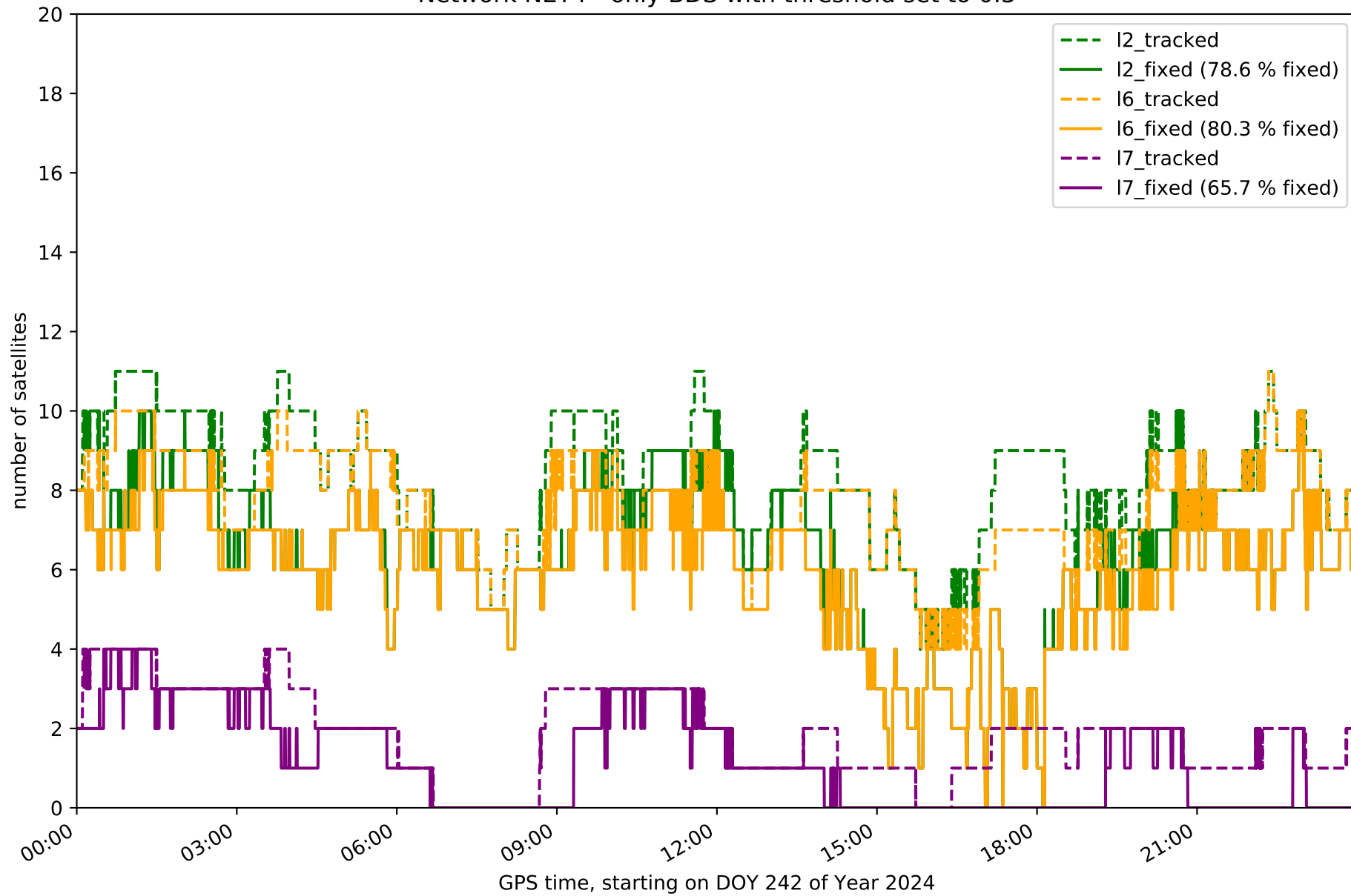
Network NET4 - only GPS with threshold set to 0.3



Network NET4 - only GLONASS with threshold set to 0.3

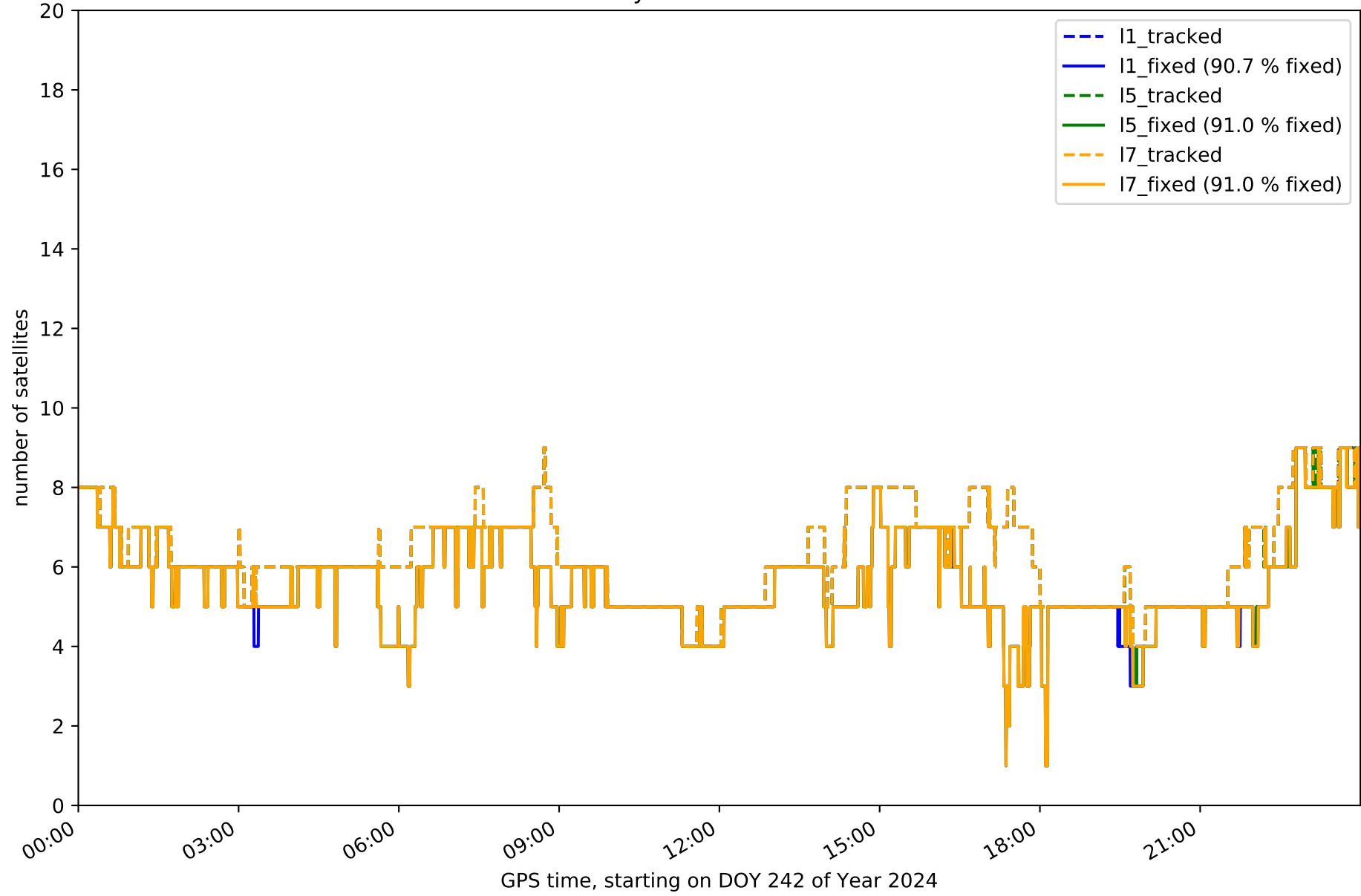


Network NET4 - only BDS with threshold set to 0.3

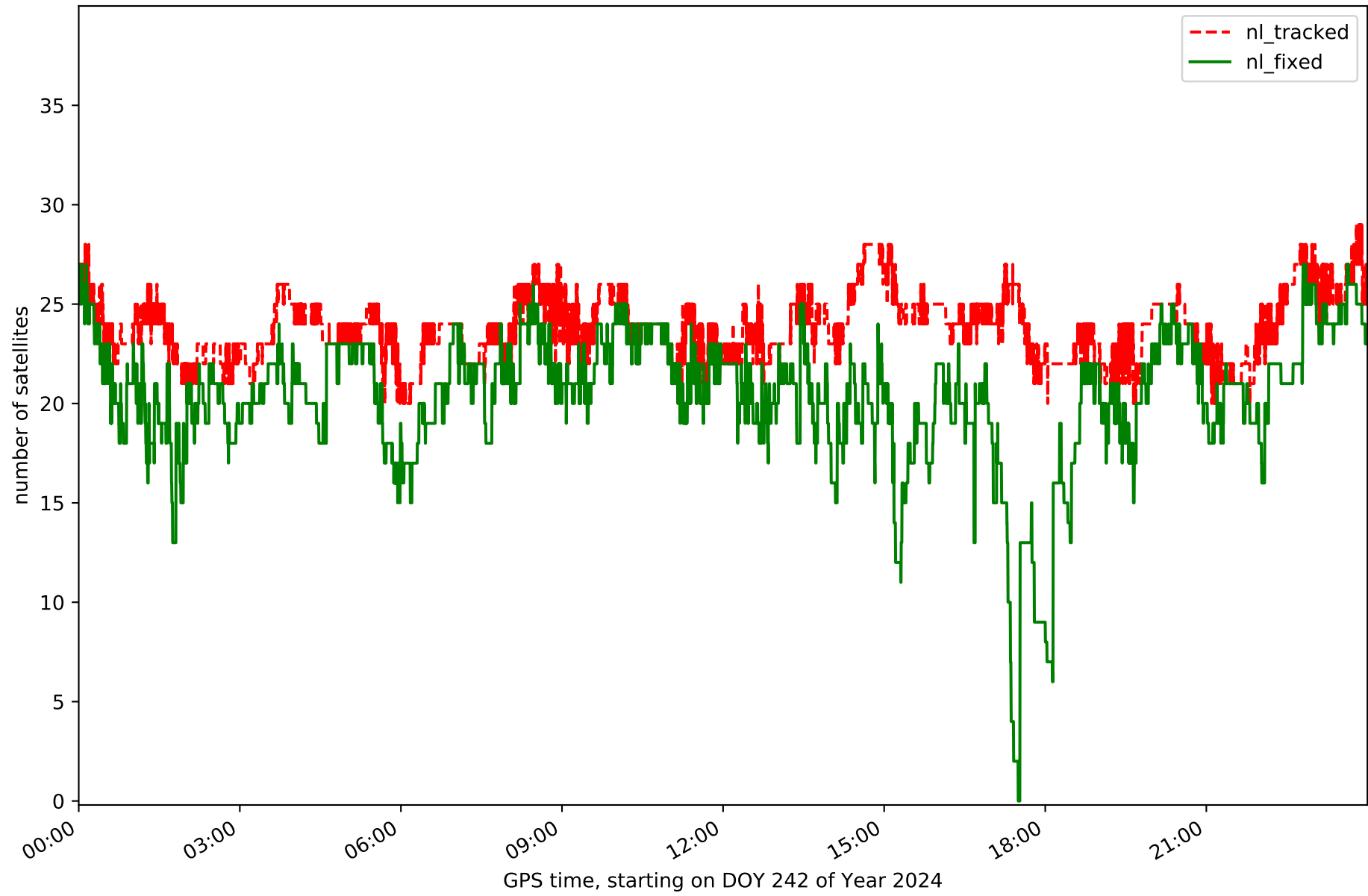




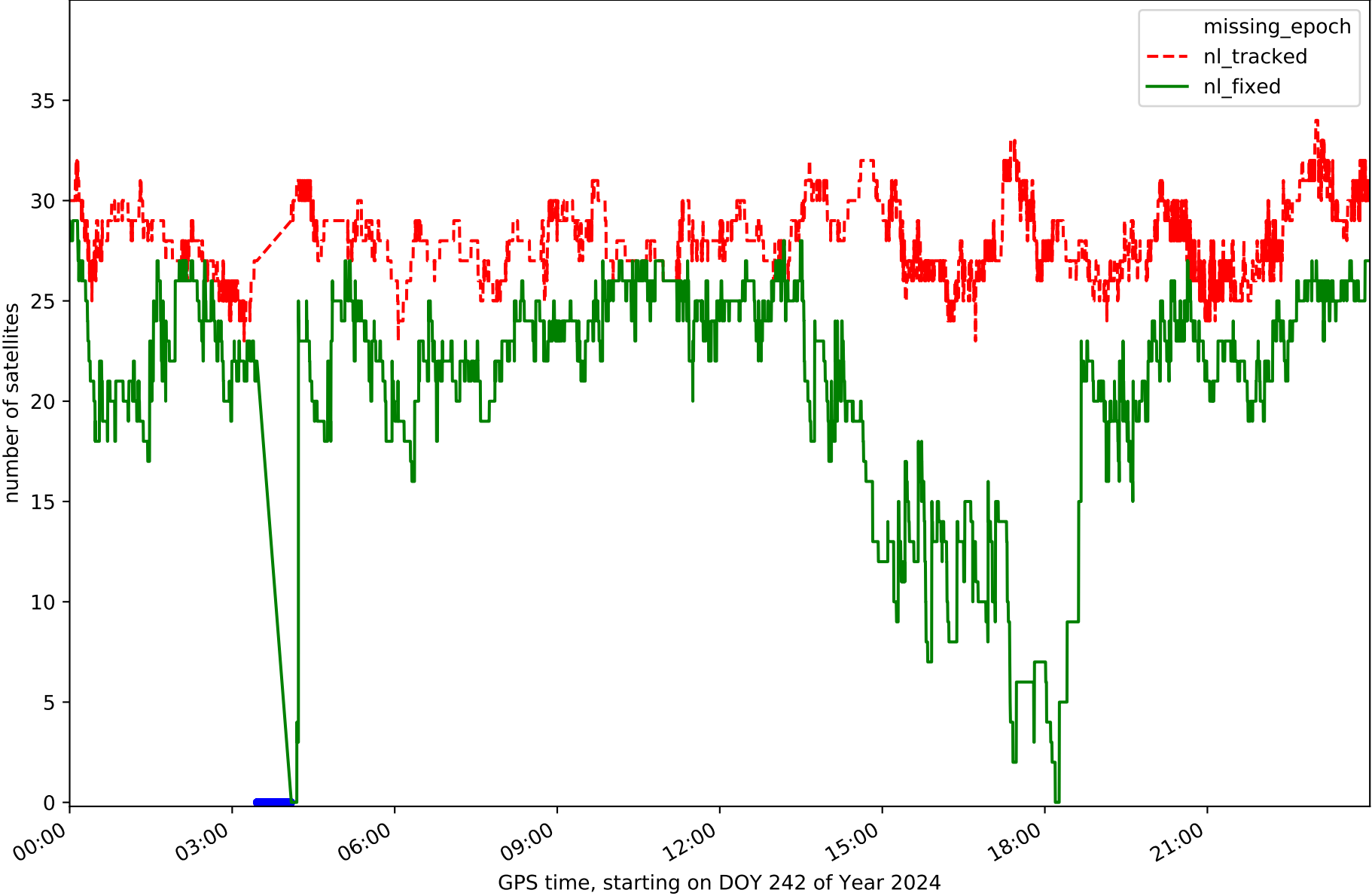
Network NET4 - only Galileo with threshold set to 0.3



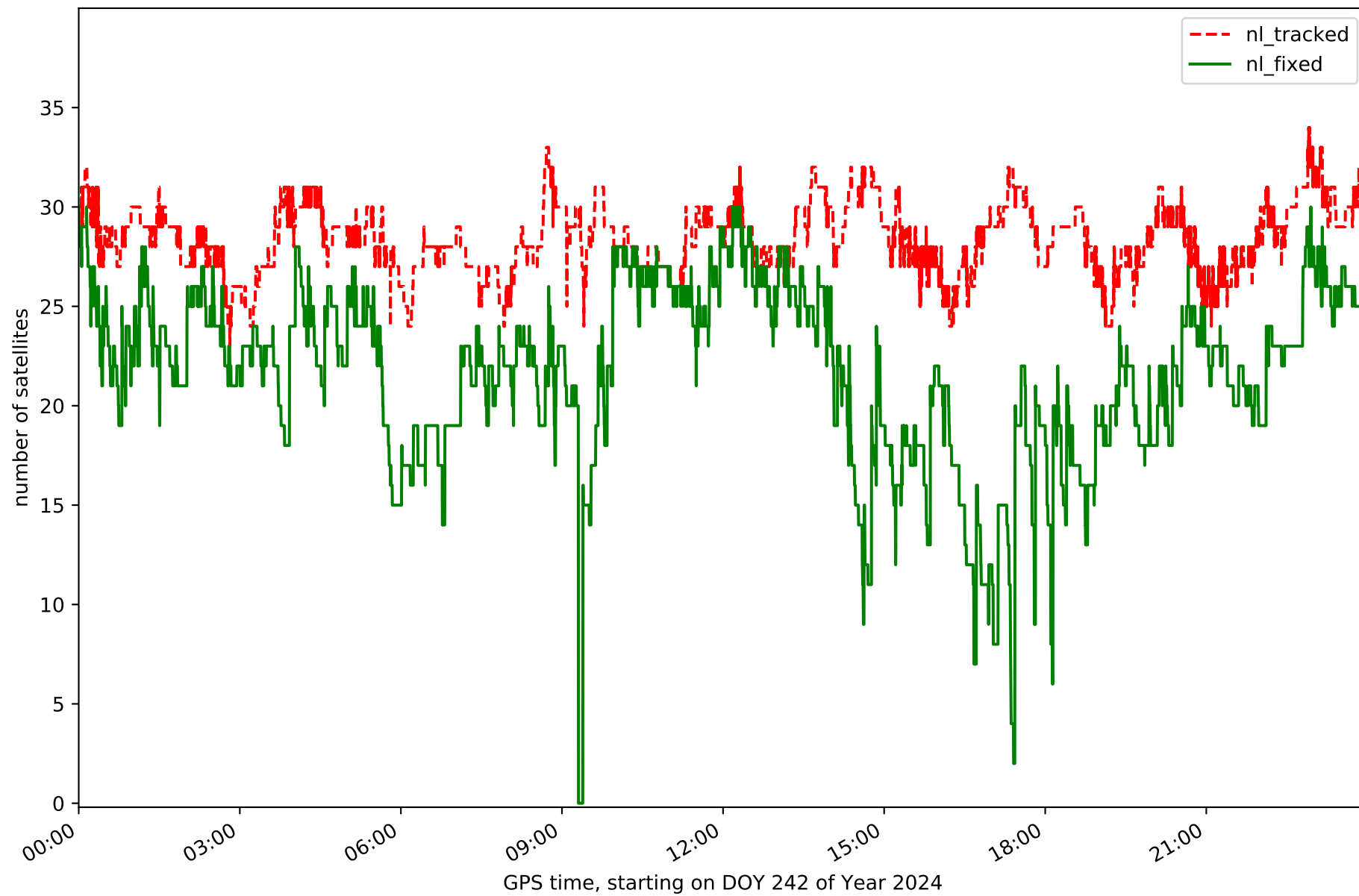
Station ACNS in network NET4



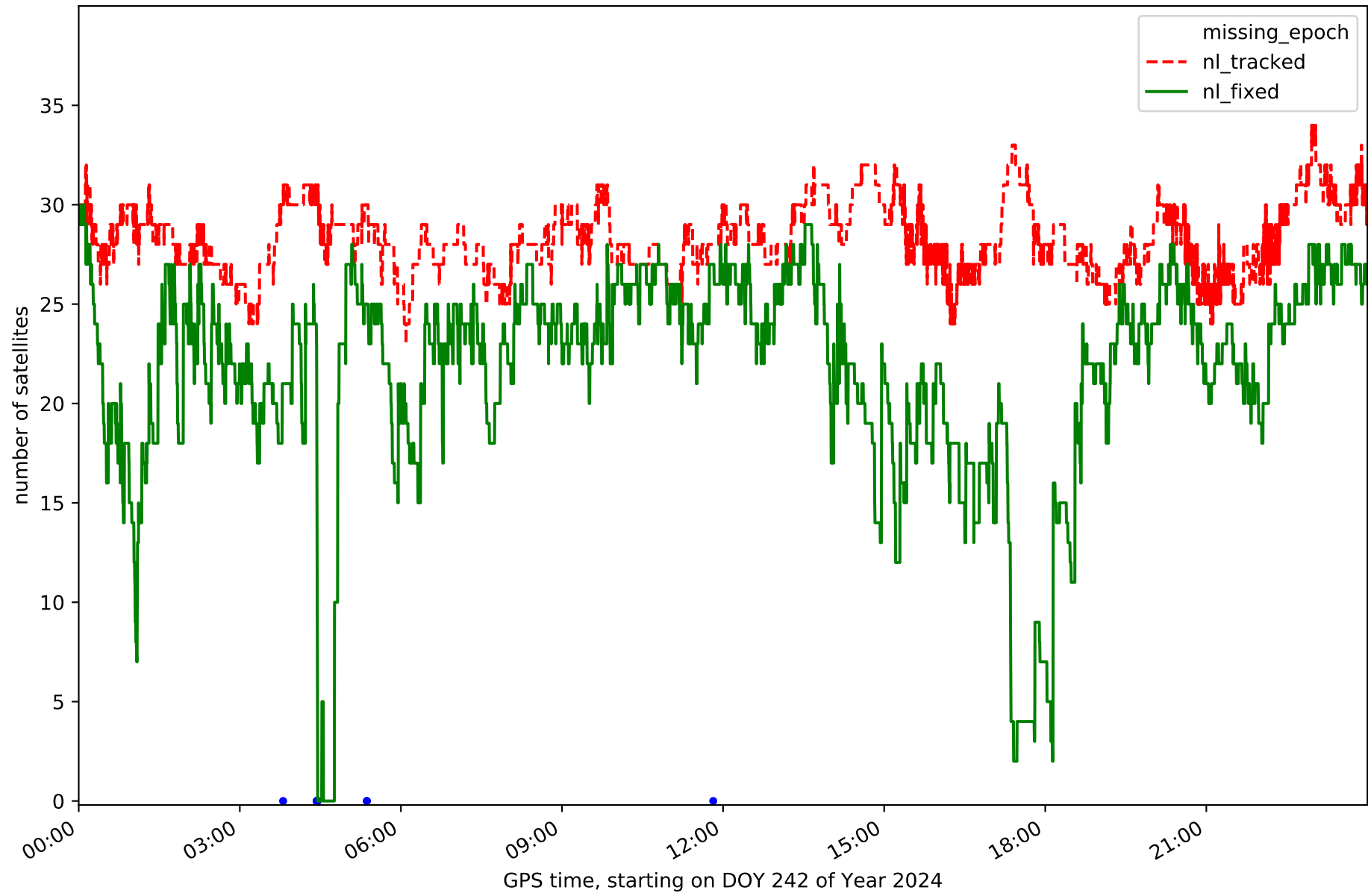
Station ARSP in network NET4



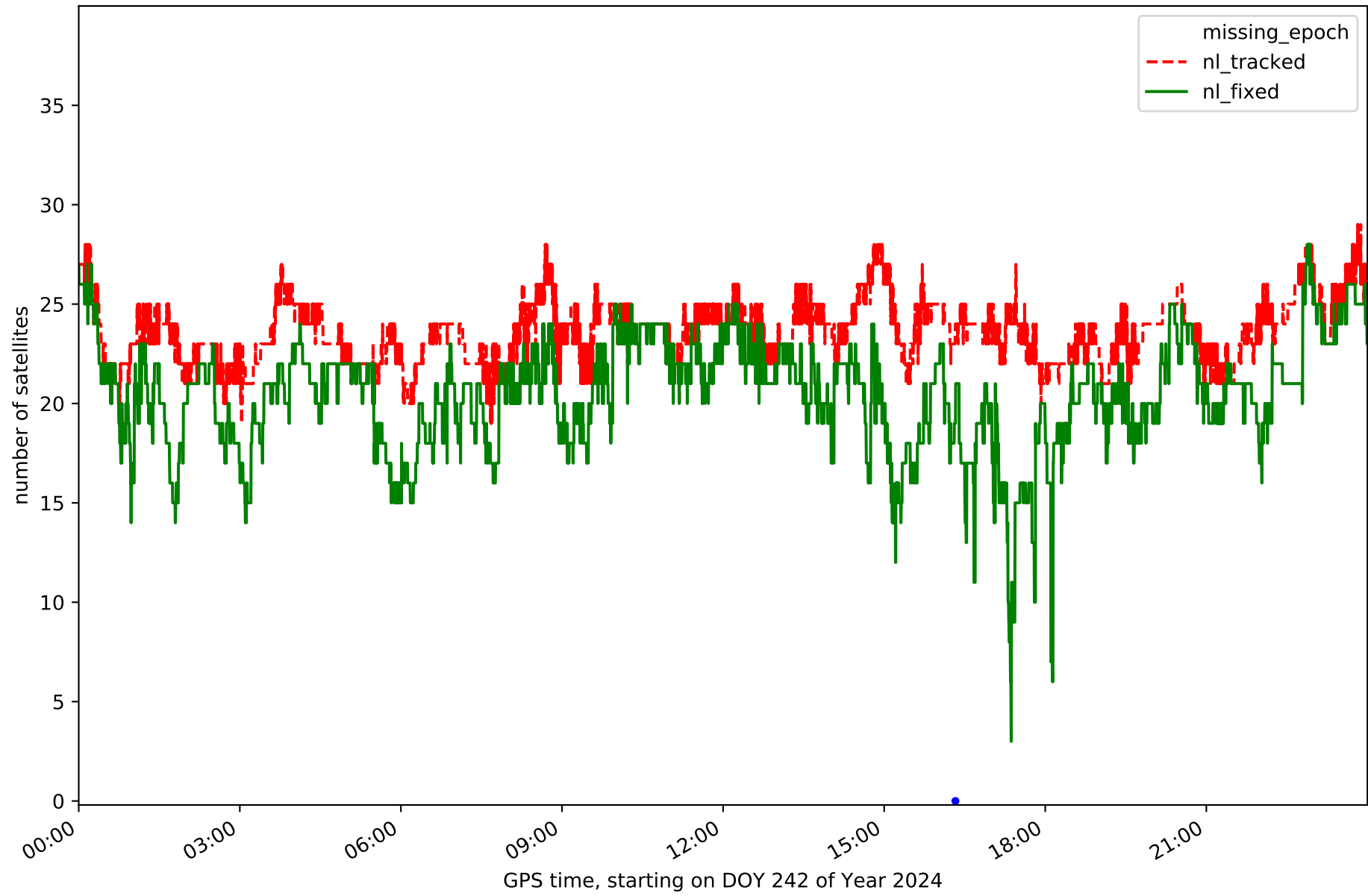
Station BURG in network NET4



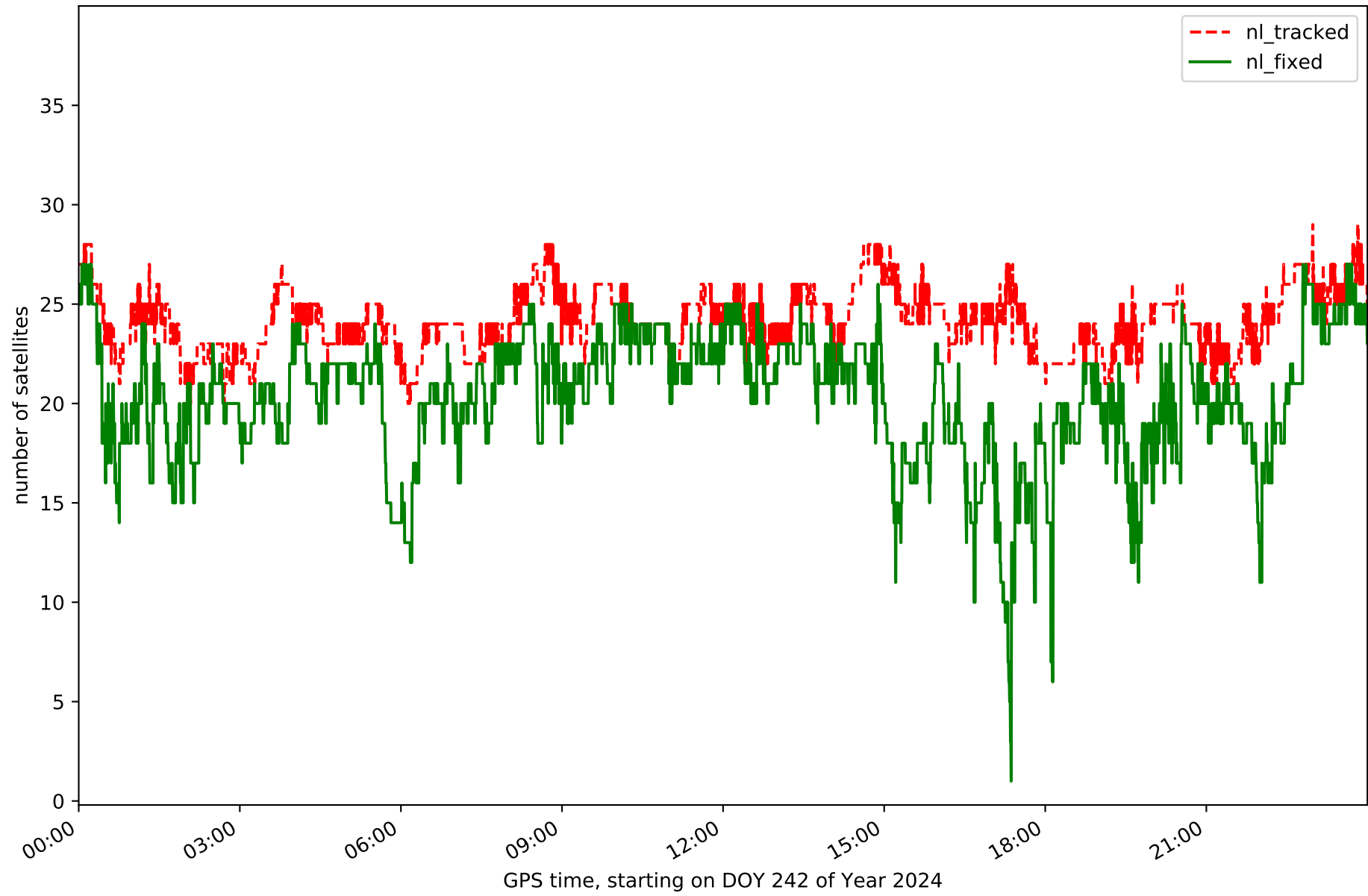
Station GUIJ in network NET4



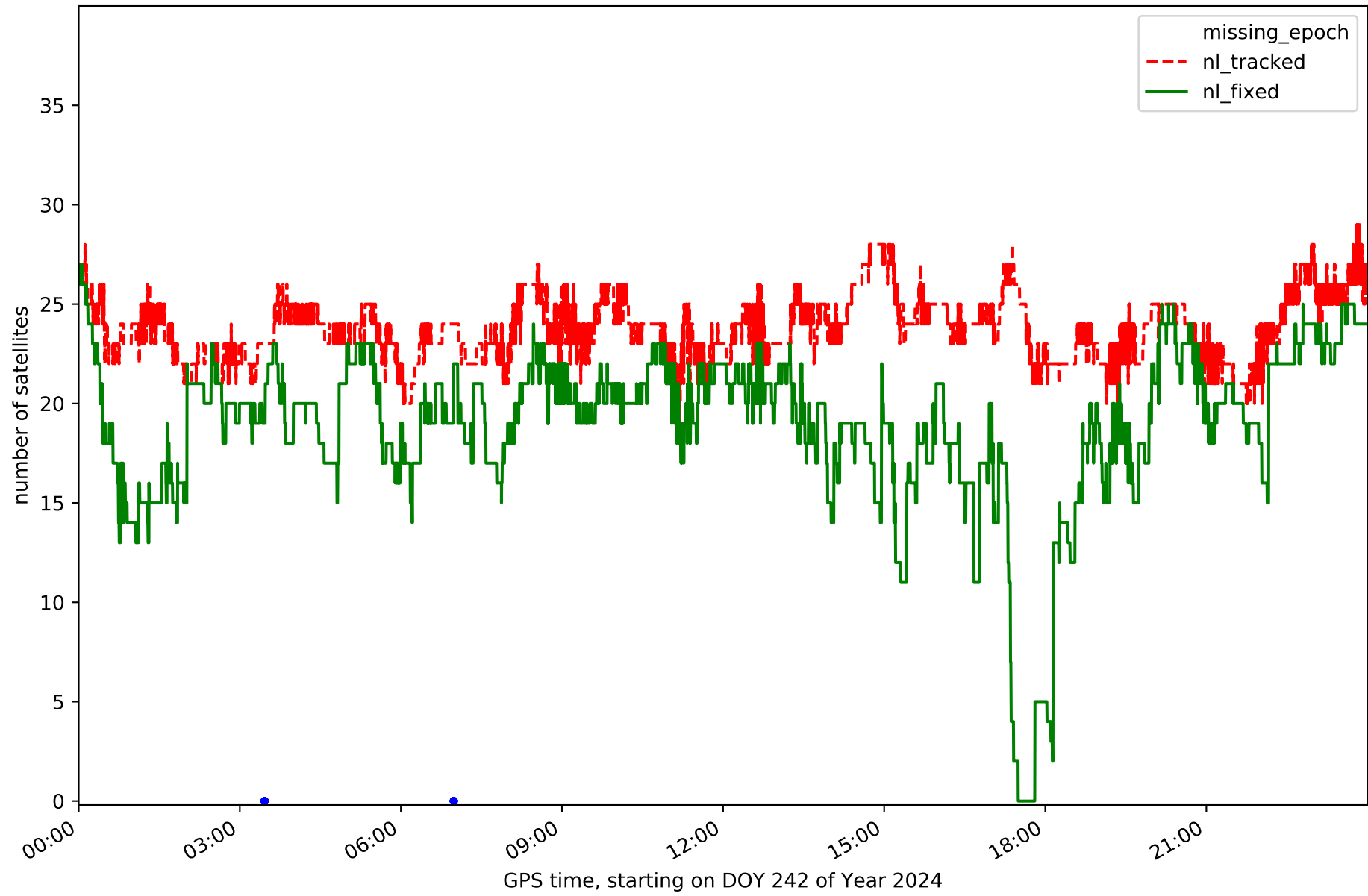
Station MDNR in network NET4



Station MYRG in network NET4

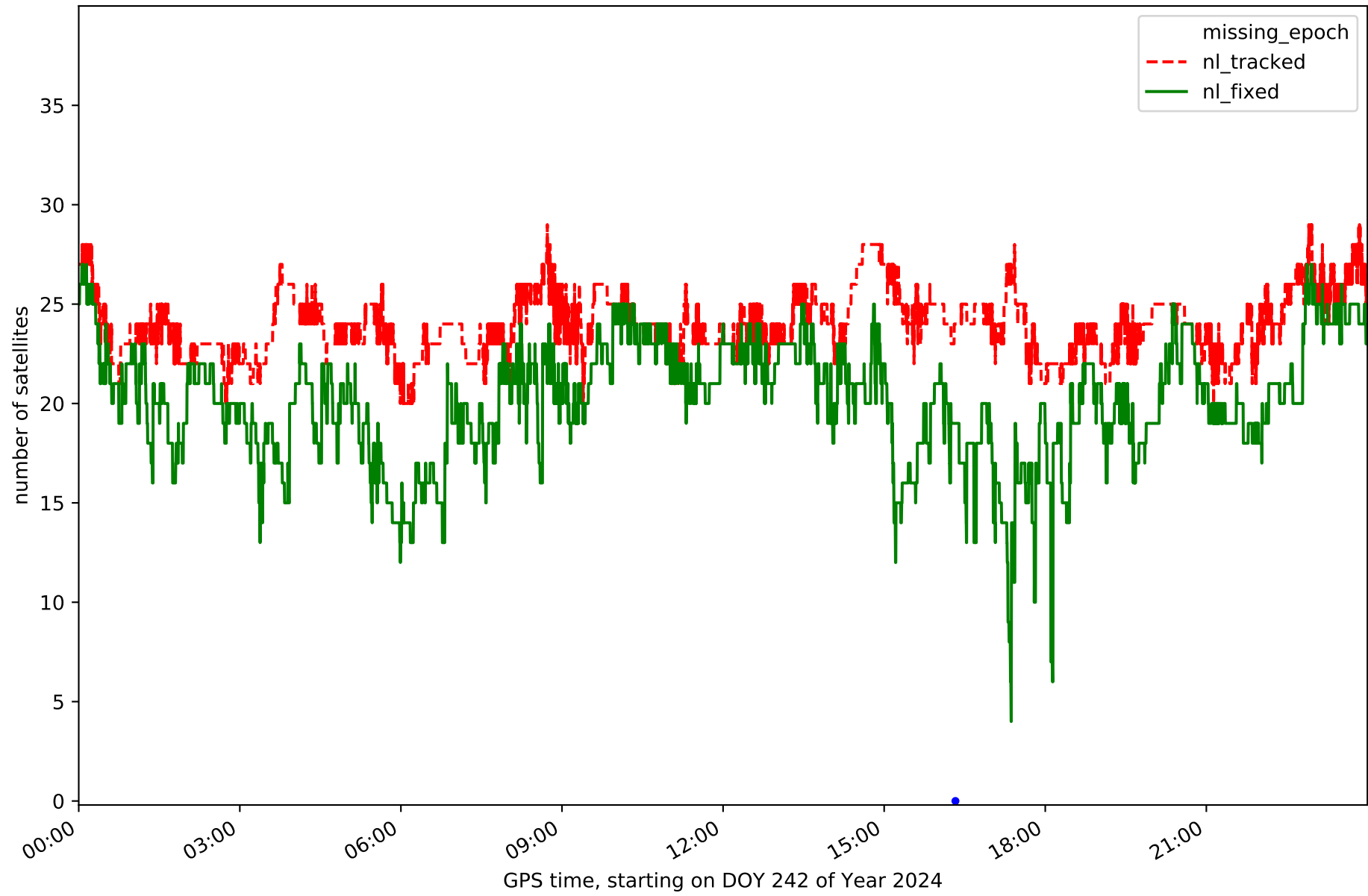


Station ONOR in network NET4

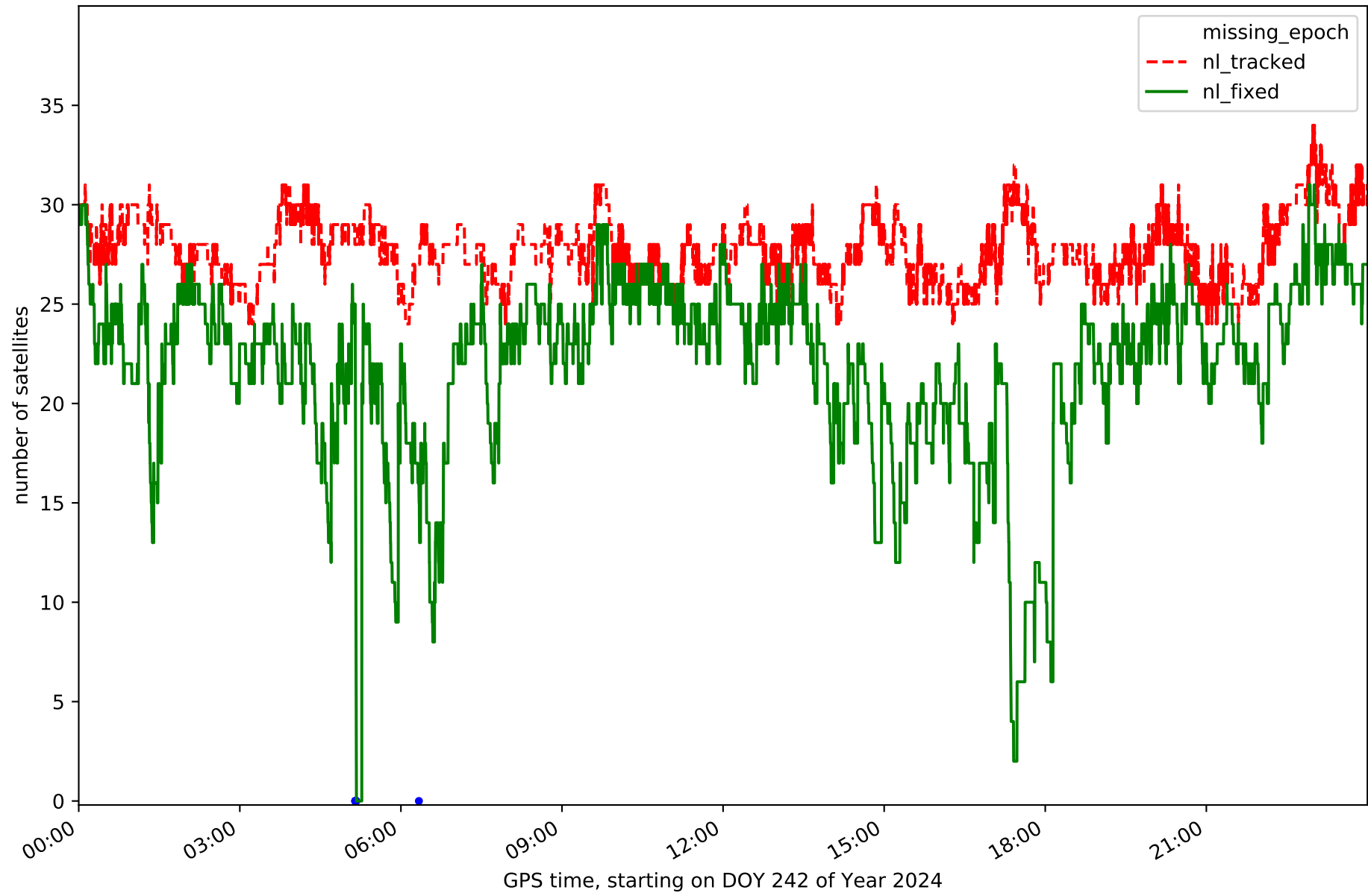




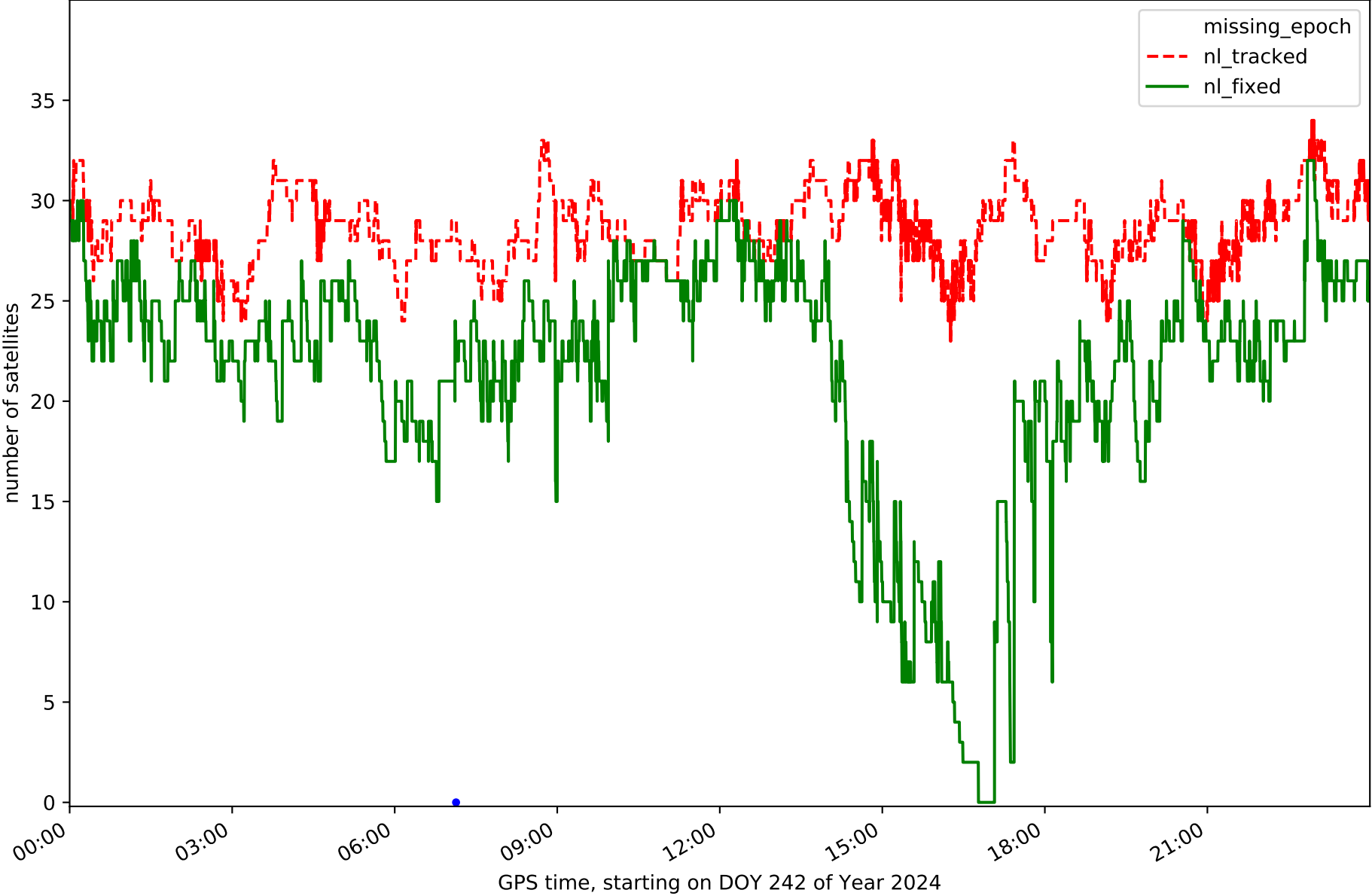
Station PALE in network NET4



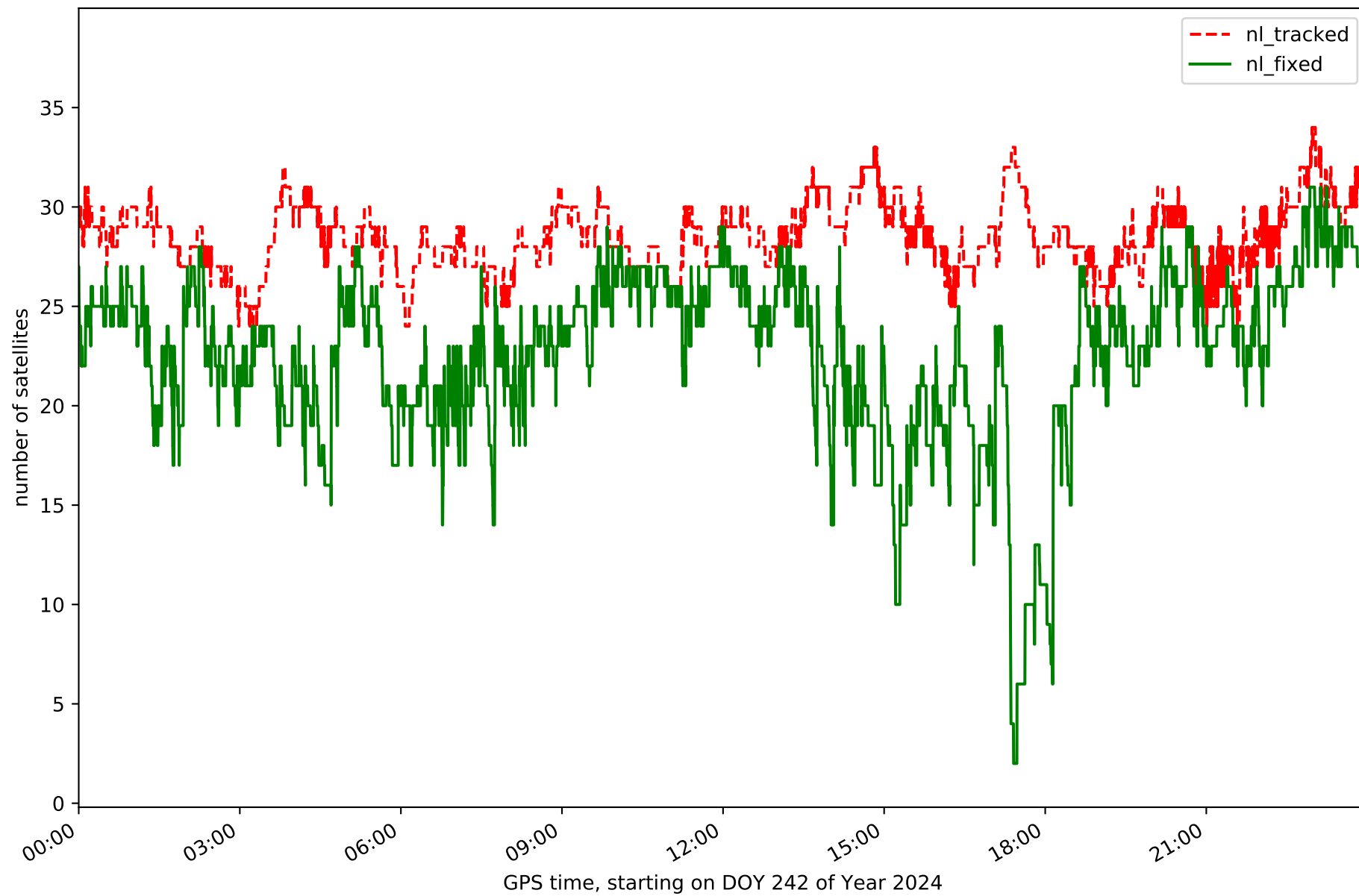
Station PDB1 in network NET4



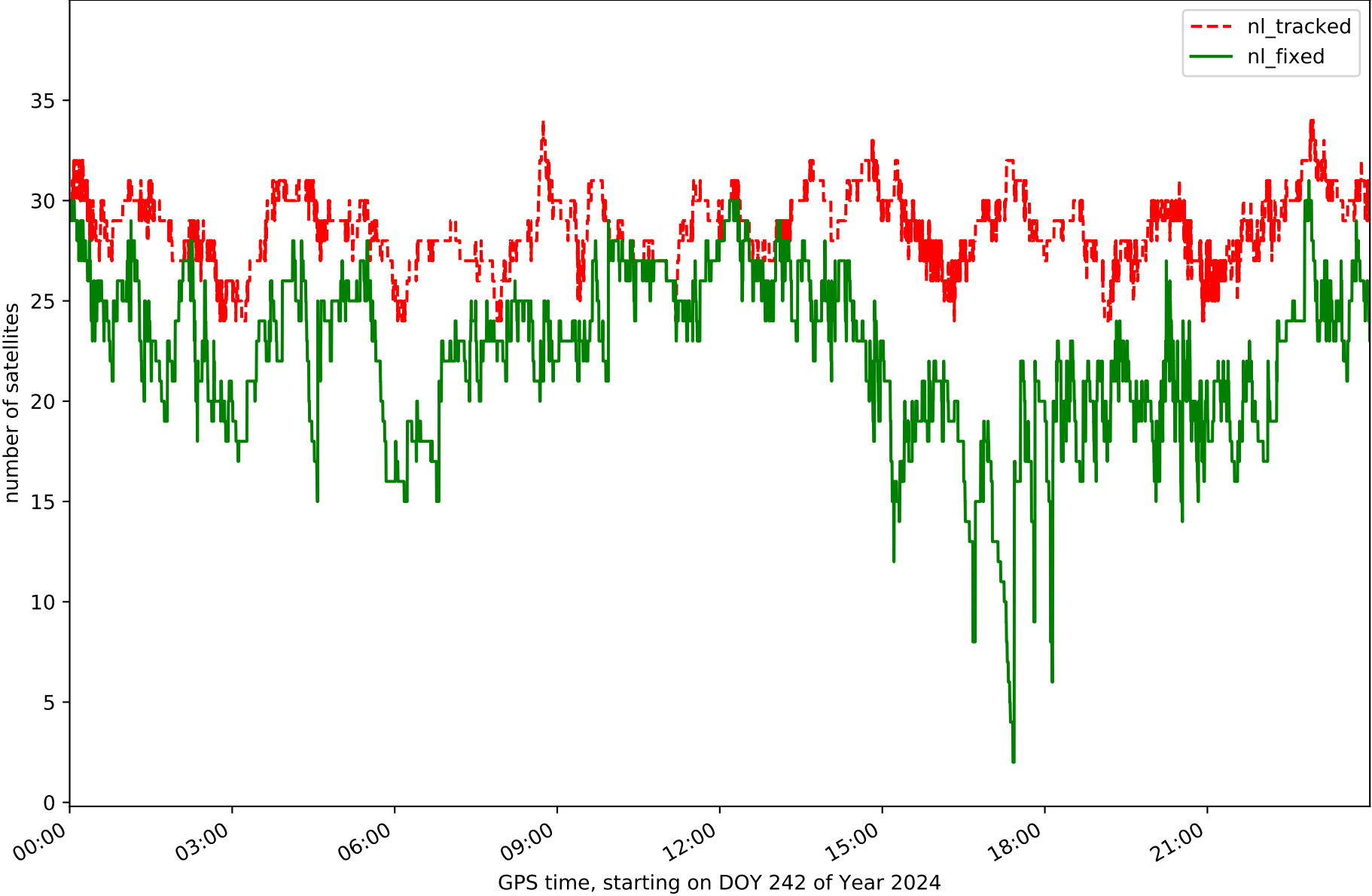
Station PEN1 in network NET4



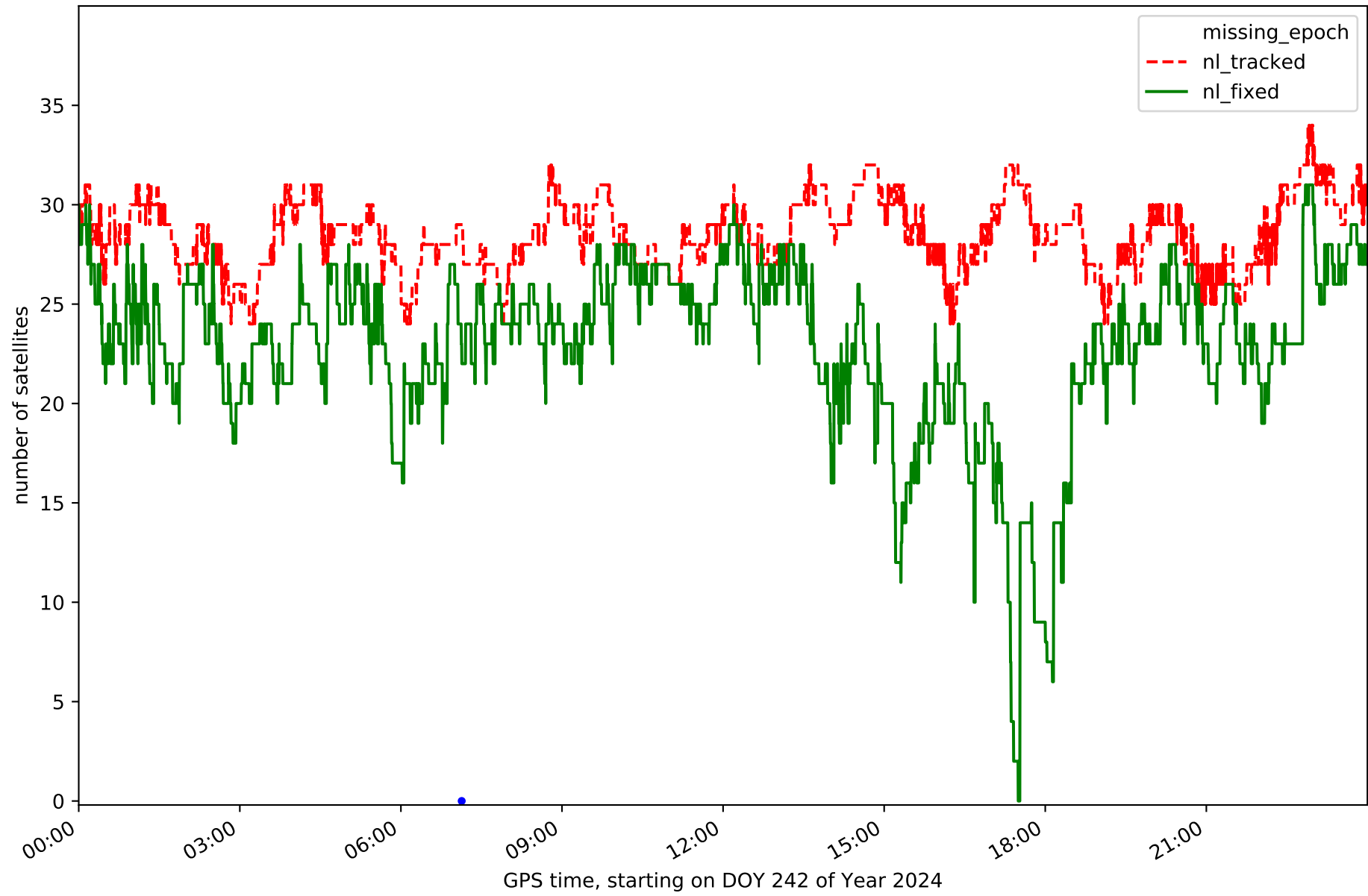
Station SALA in network NET4



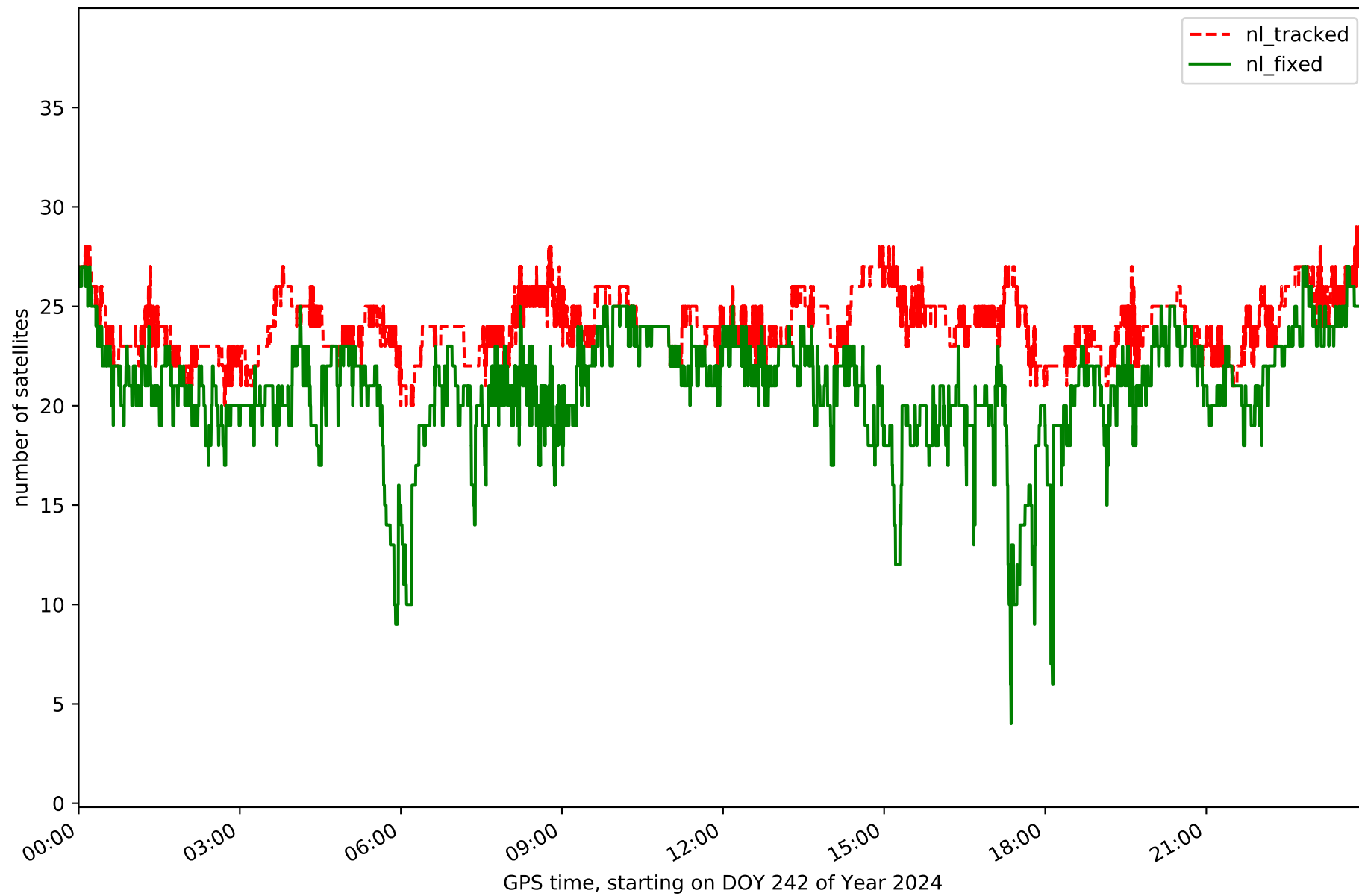
Station SALD in network NET4



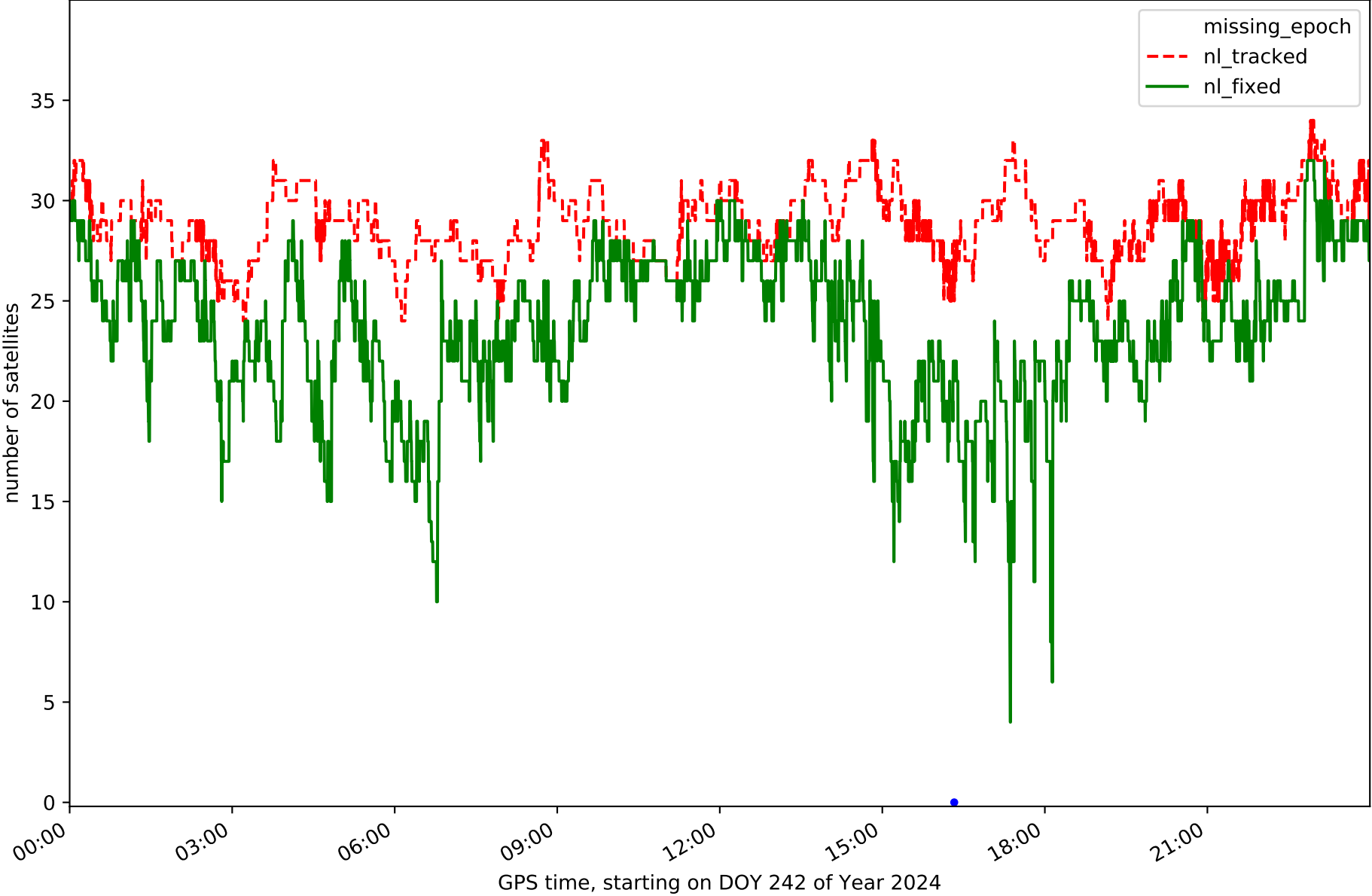
Station STVD in network NET4



Station TORO in network NET4

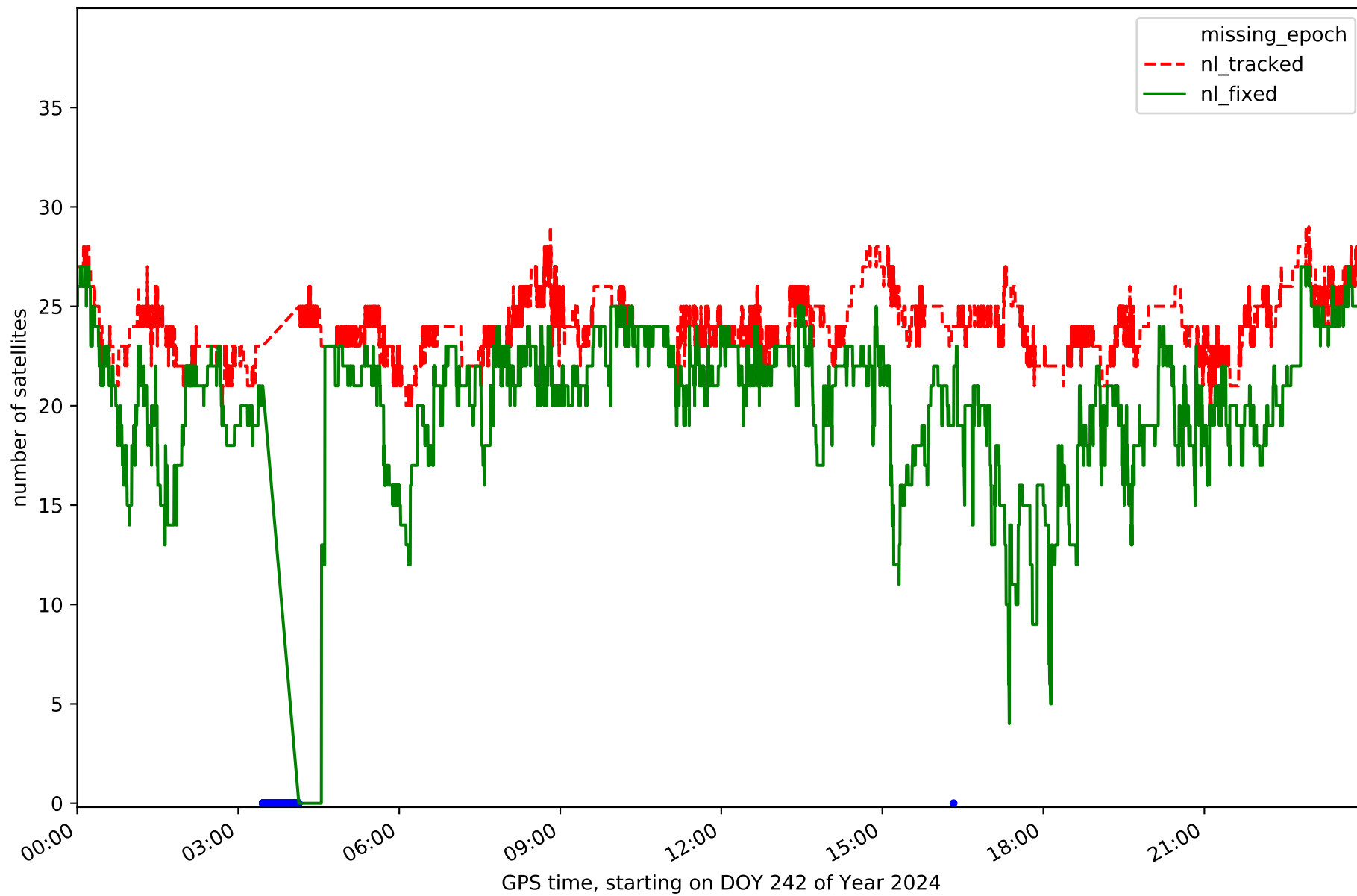


Station VALA in network NET4

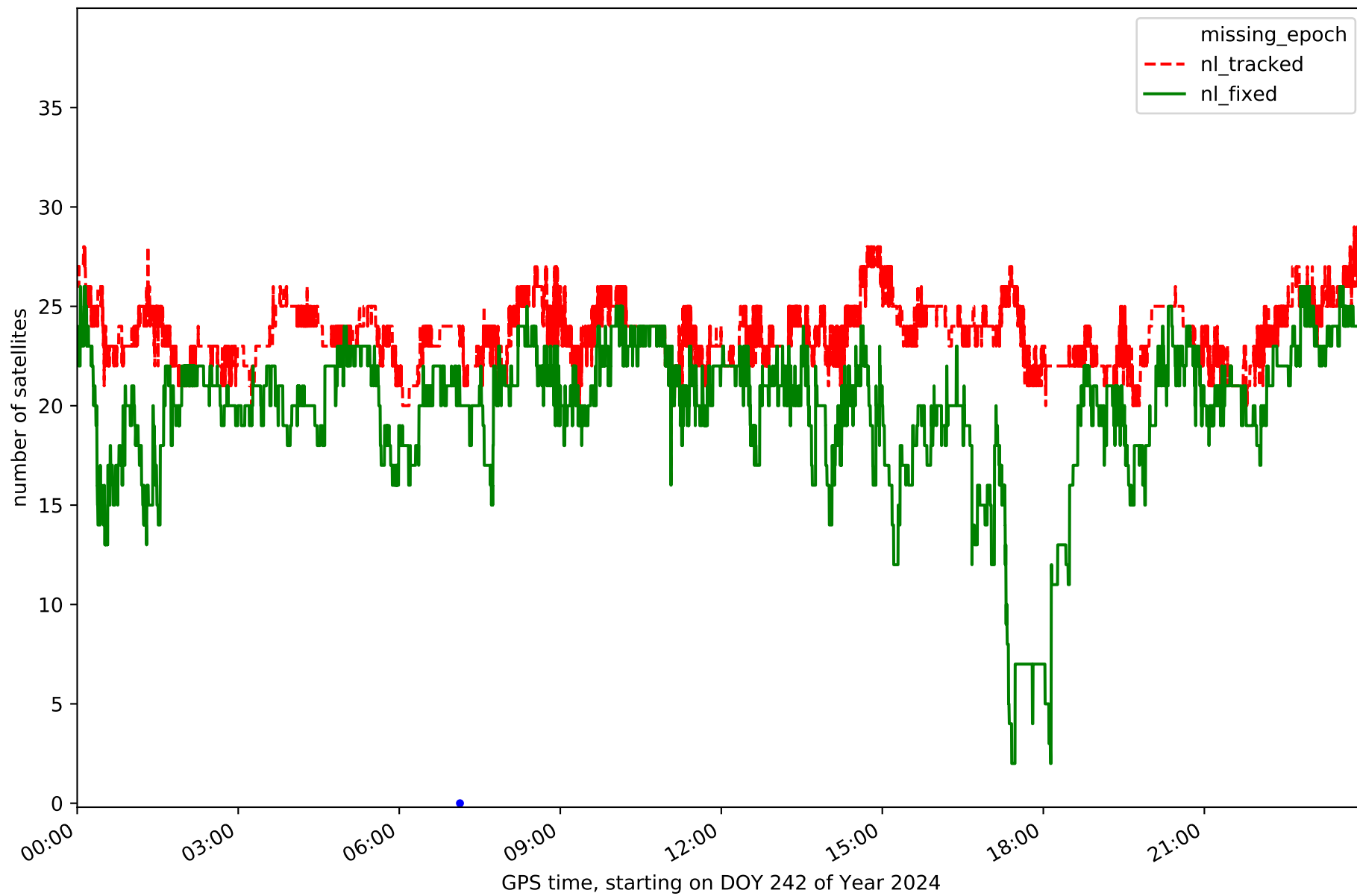




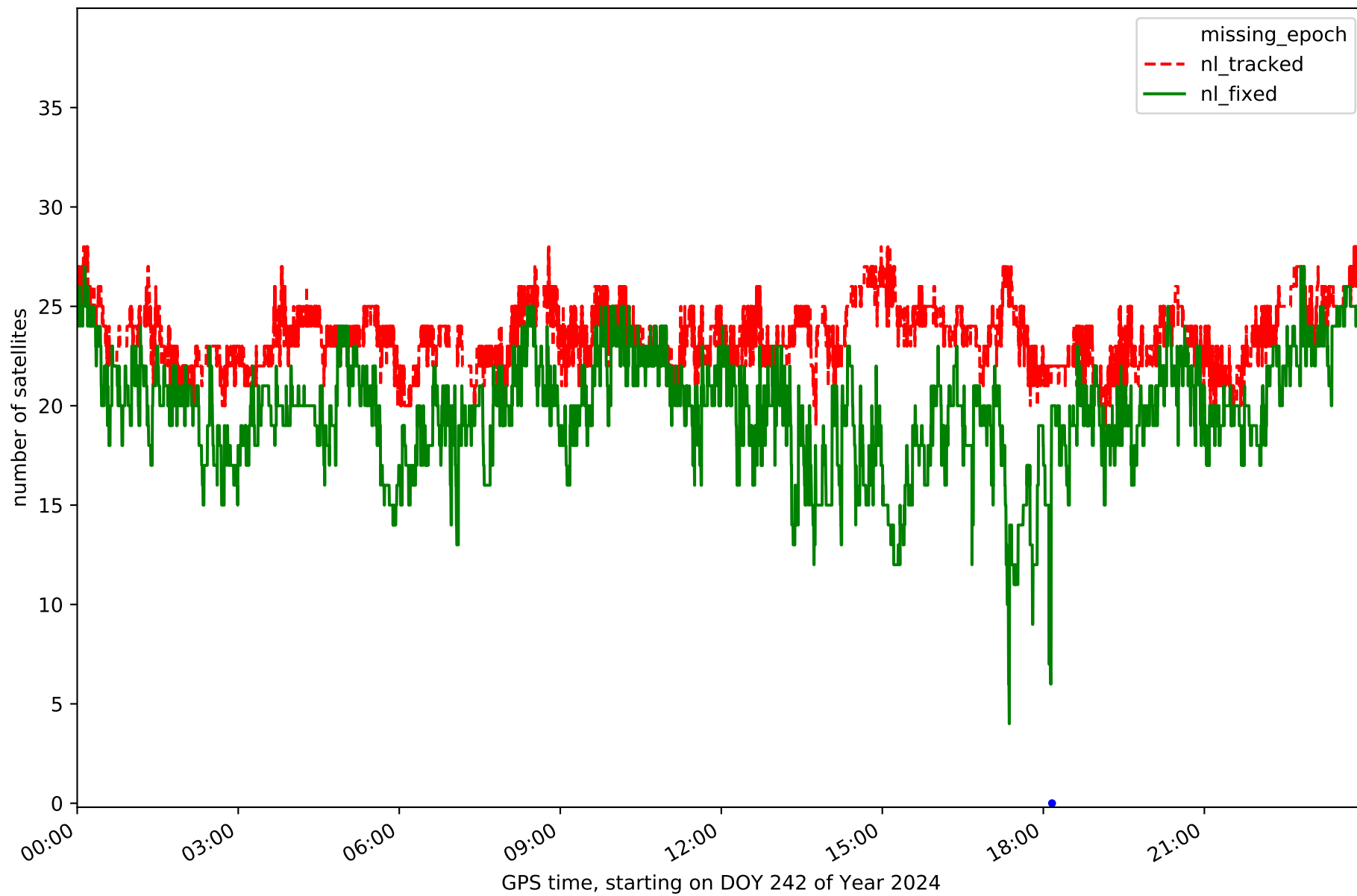
Station VNAN in network NET4



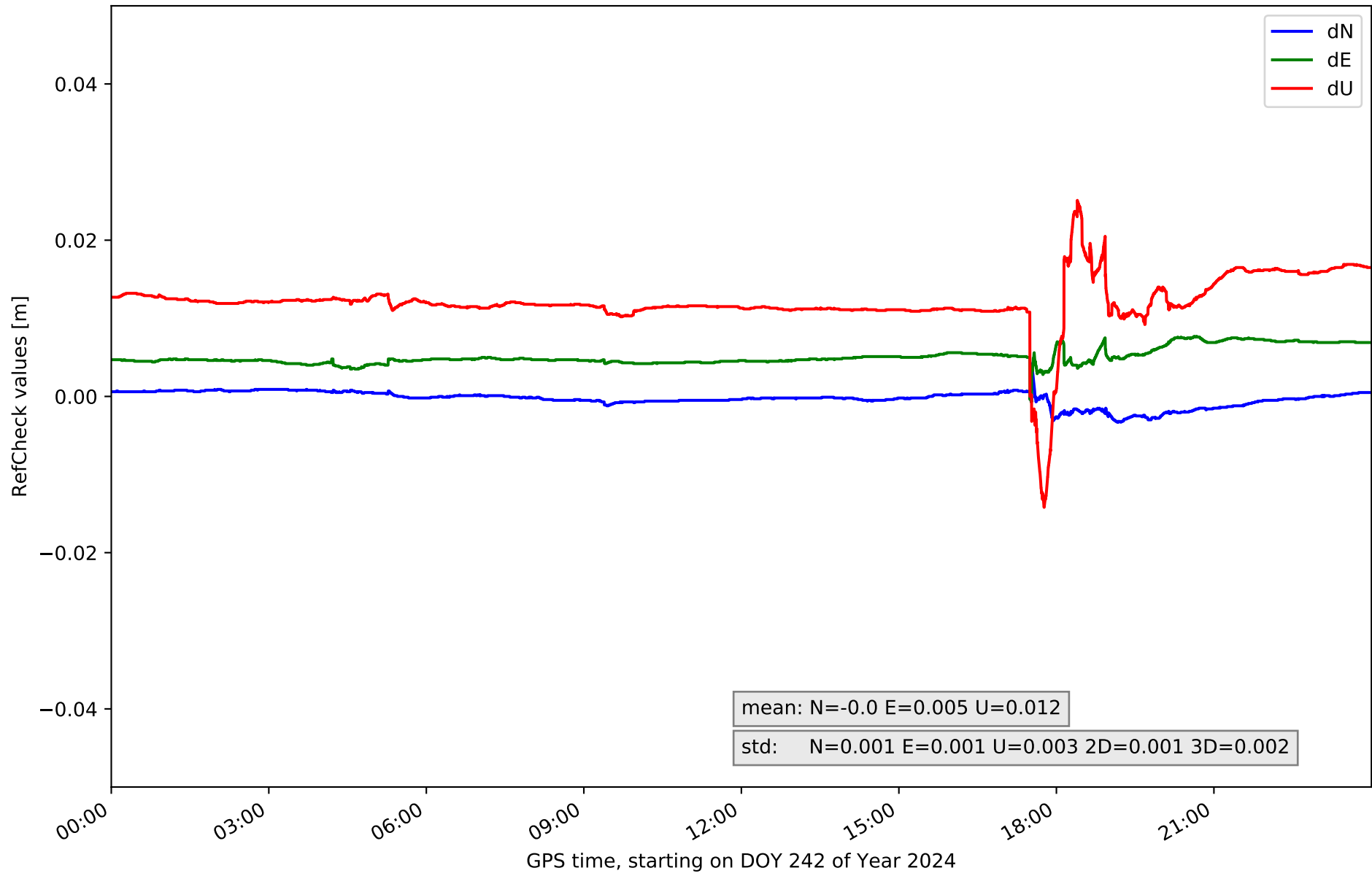
Station VTGD in network NET4



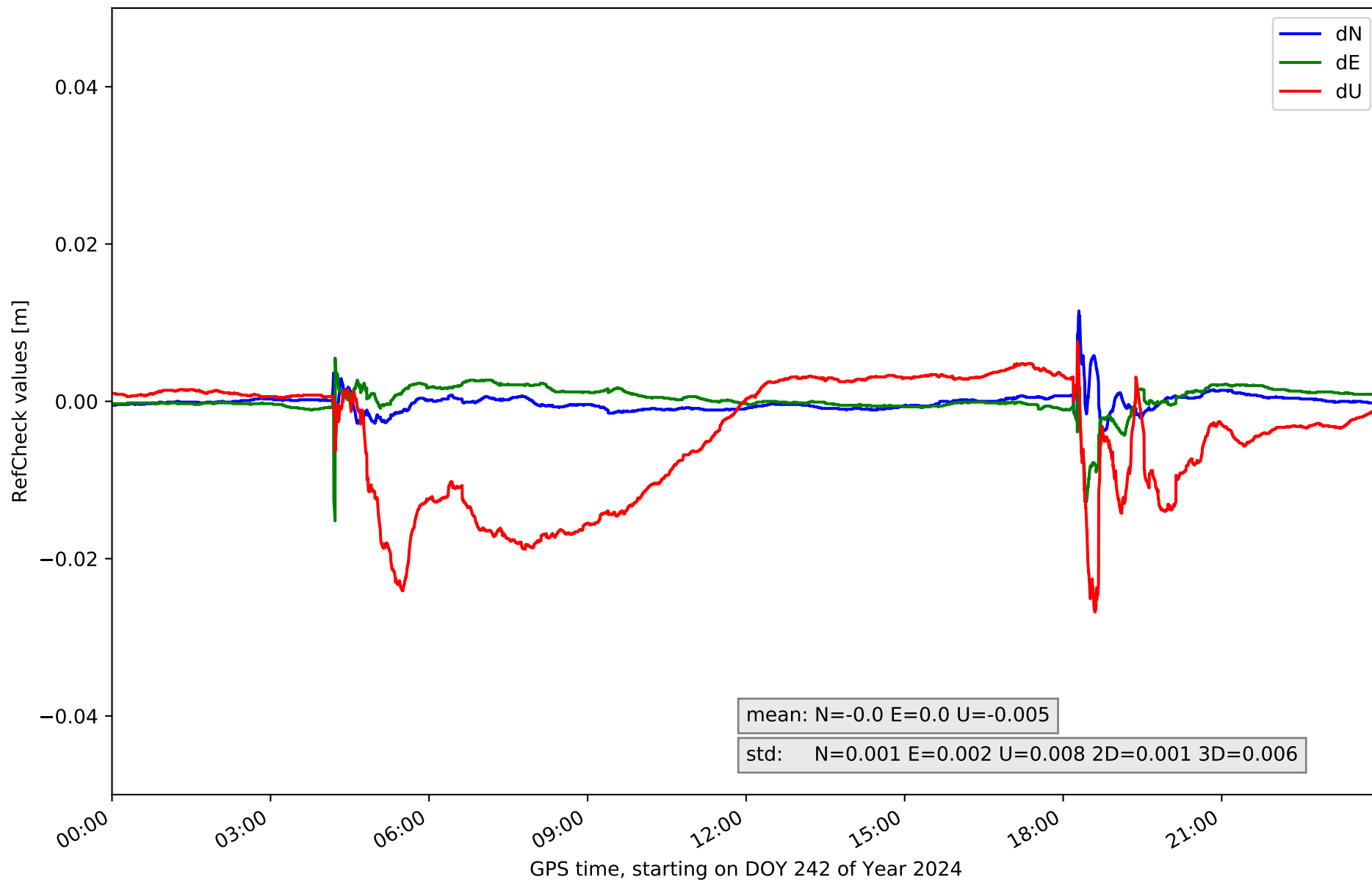
Station ZMRA in network NET4



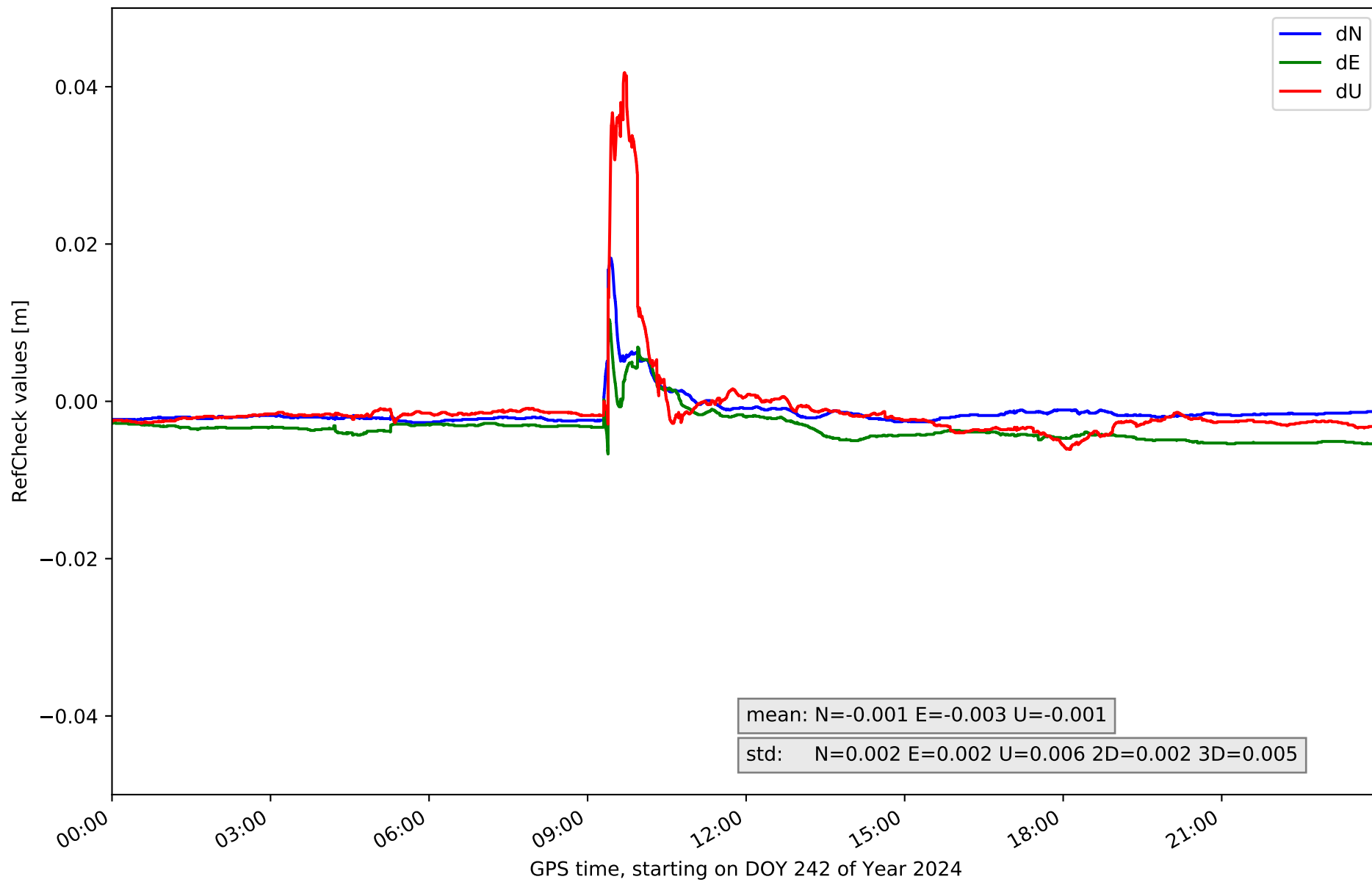
# RefCheck for station ACNS in network NET4



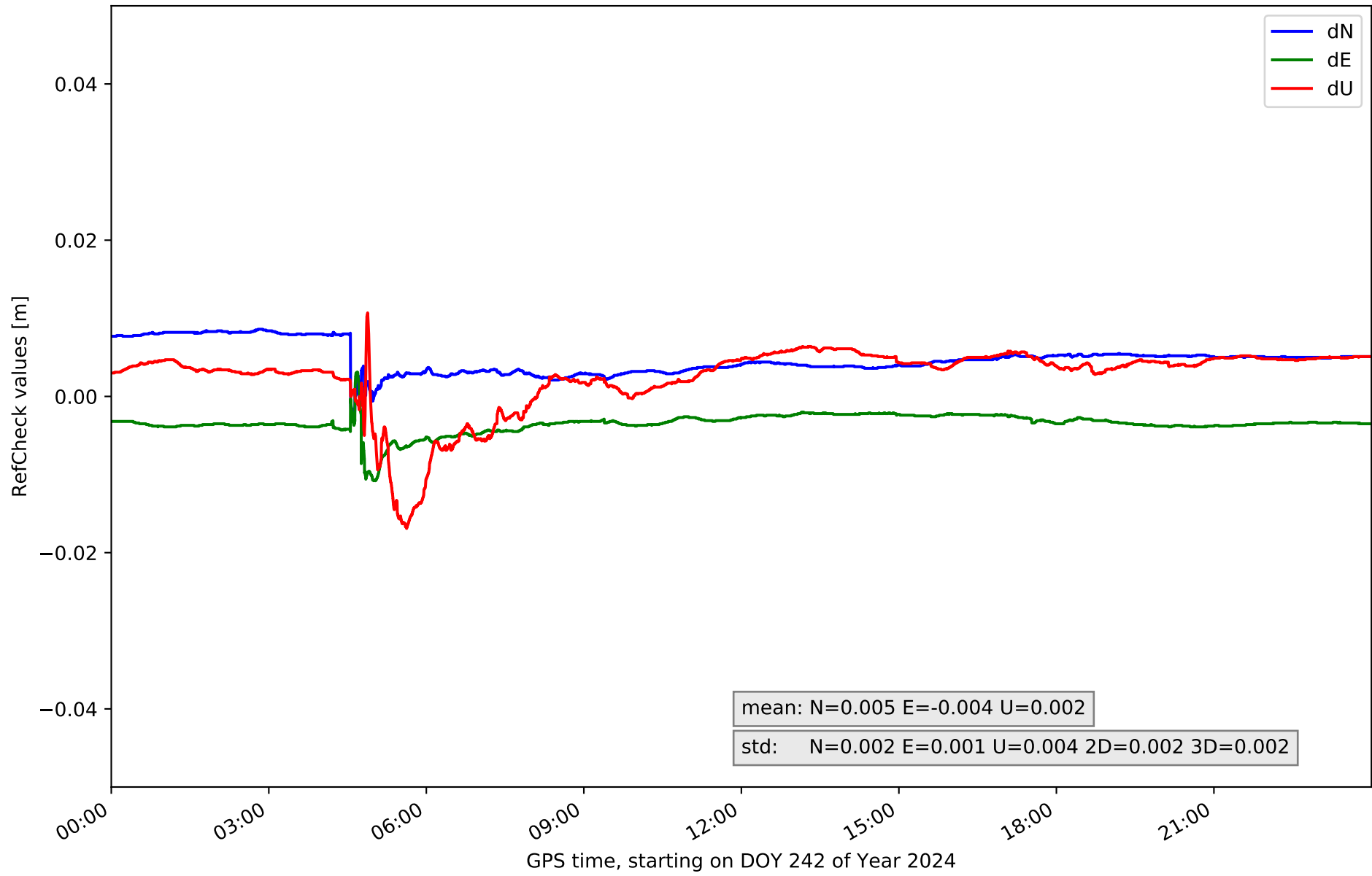
### RefCheck for station ARSP in network NET4



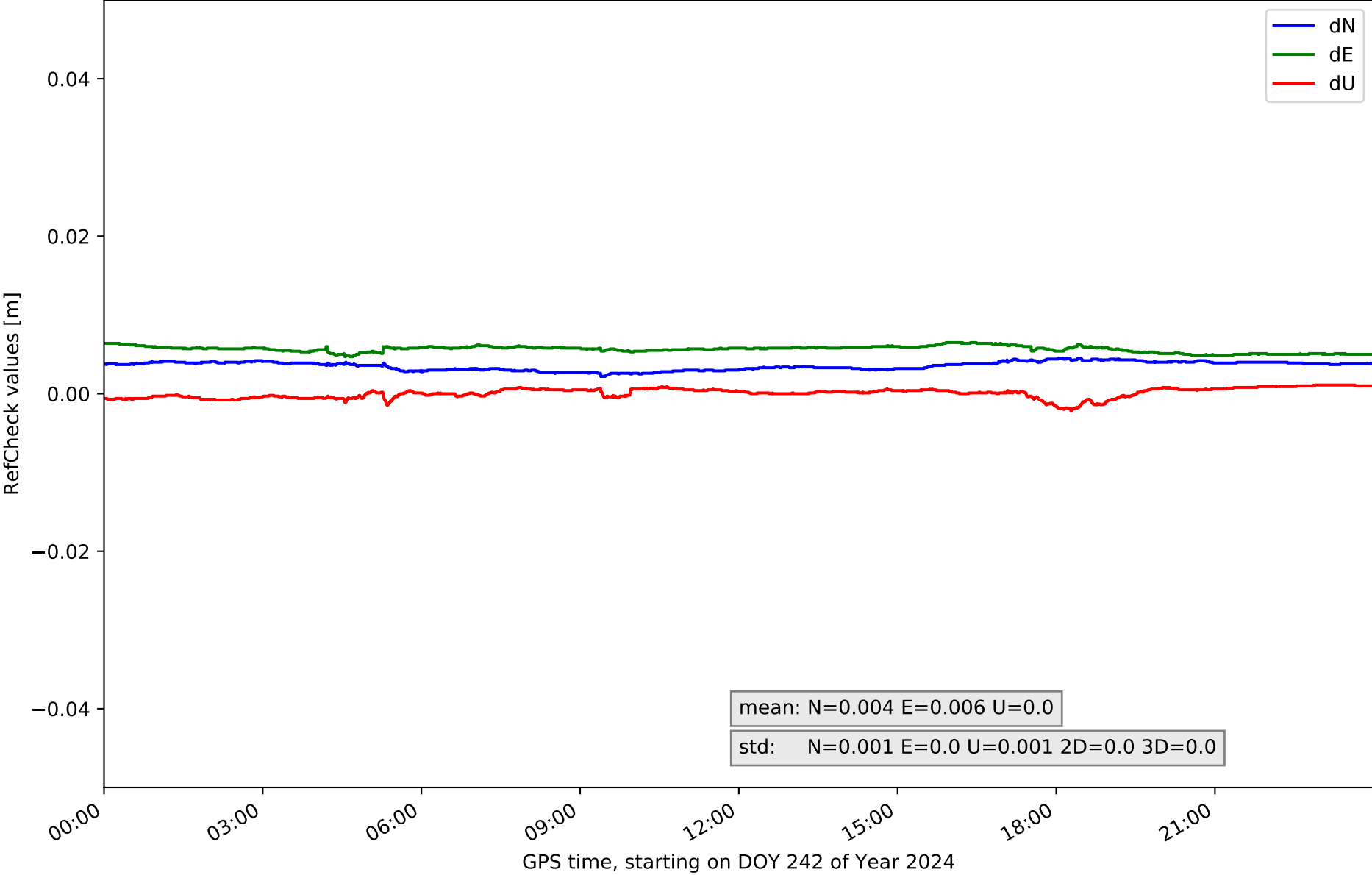
### RefCheck for station BURG in network NET4



# RefCheck for station GUIJ in network NET4

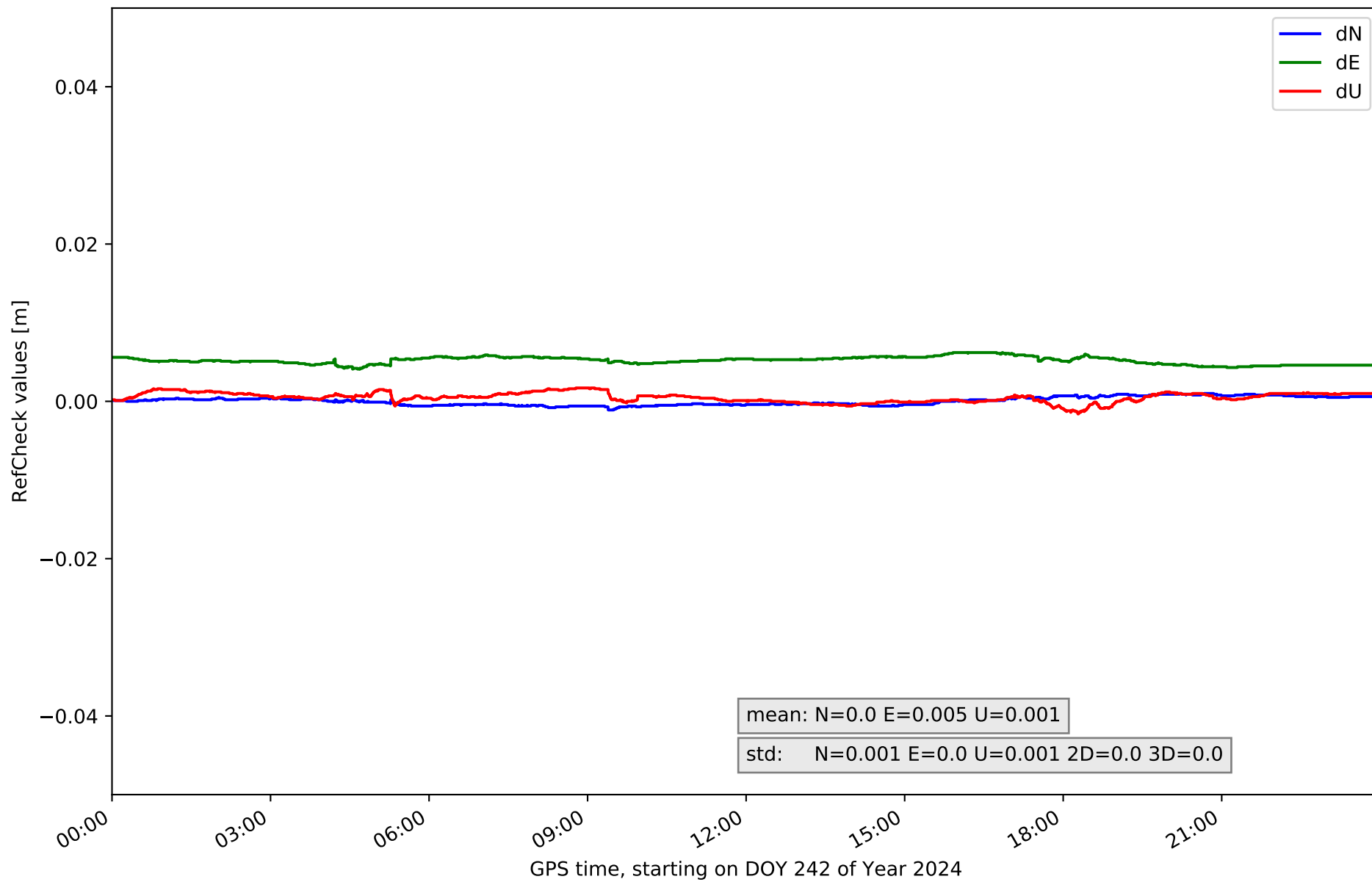


RefCheck for station MDNR in network NET4

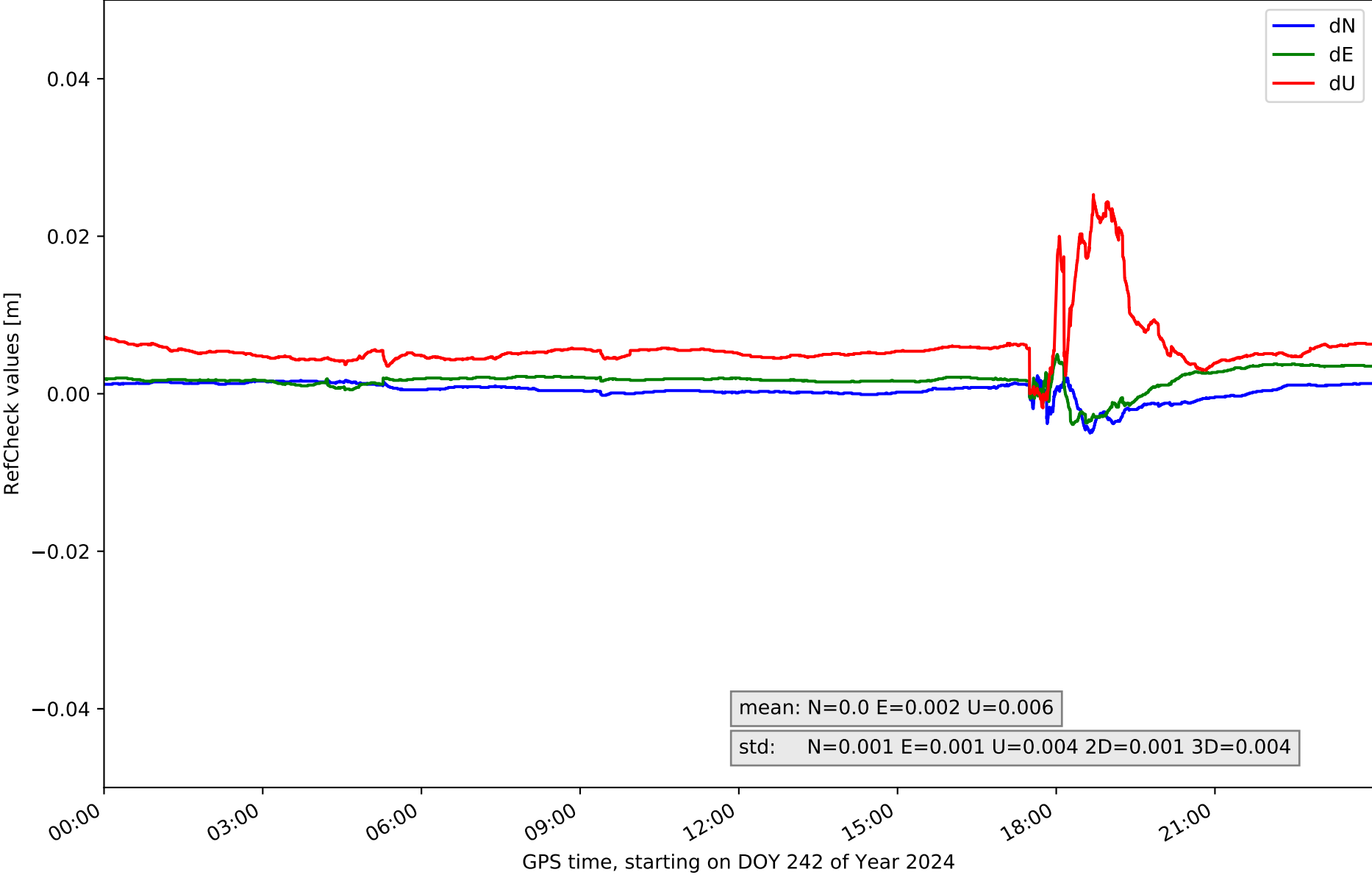




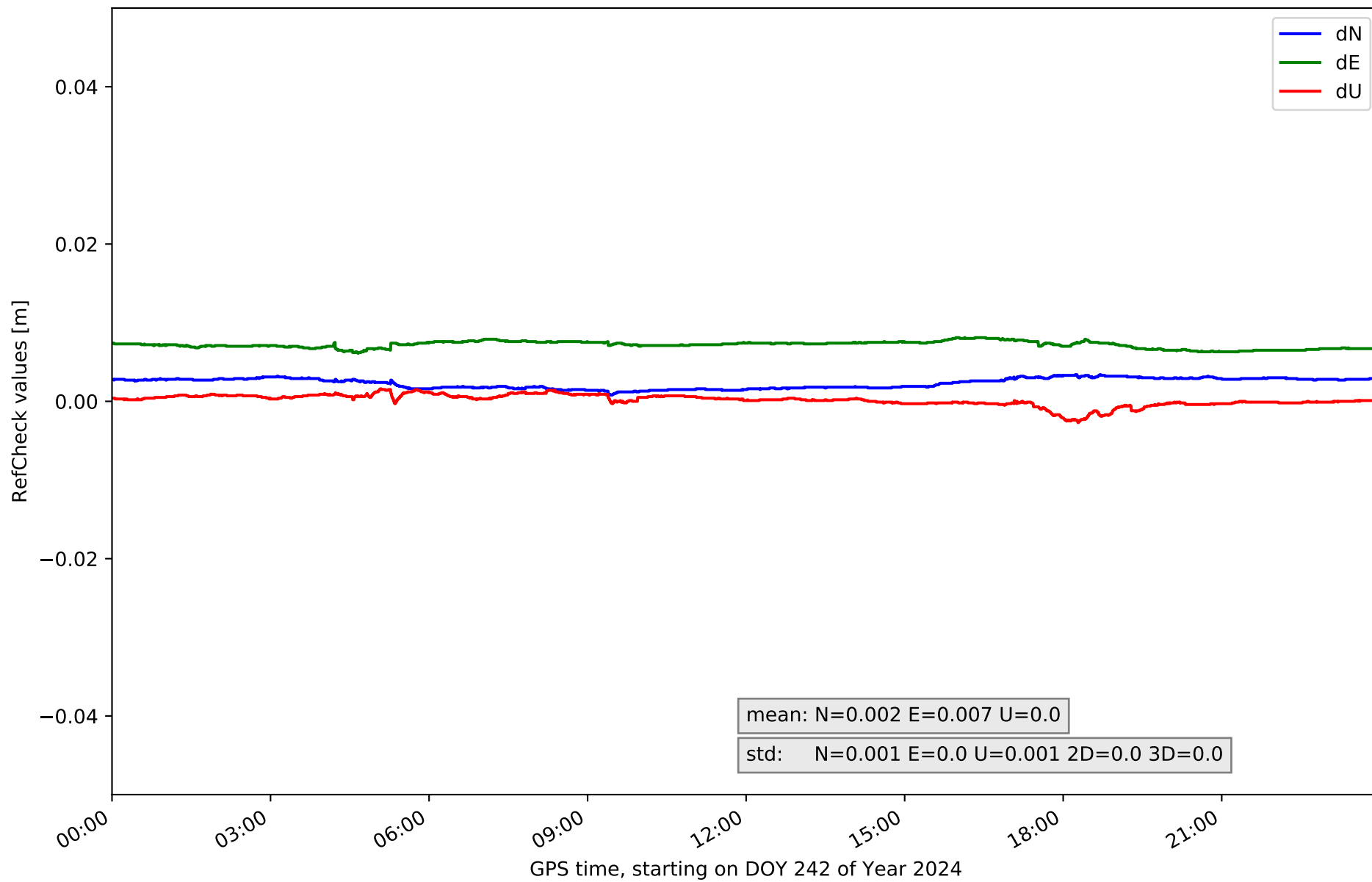
### RefCheck for station MYRG in network NET4



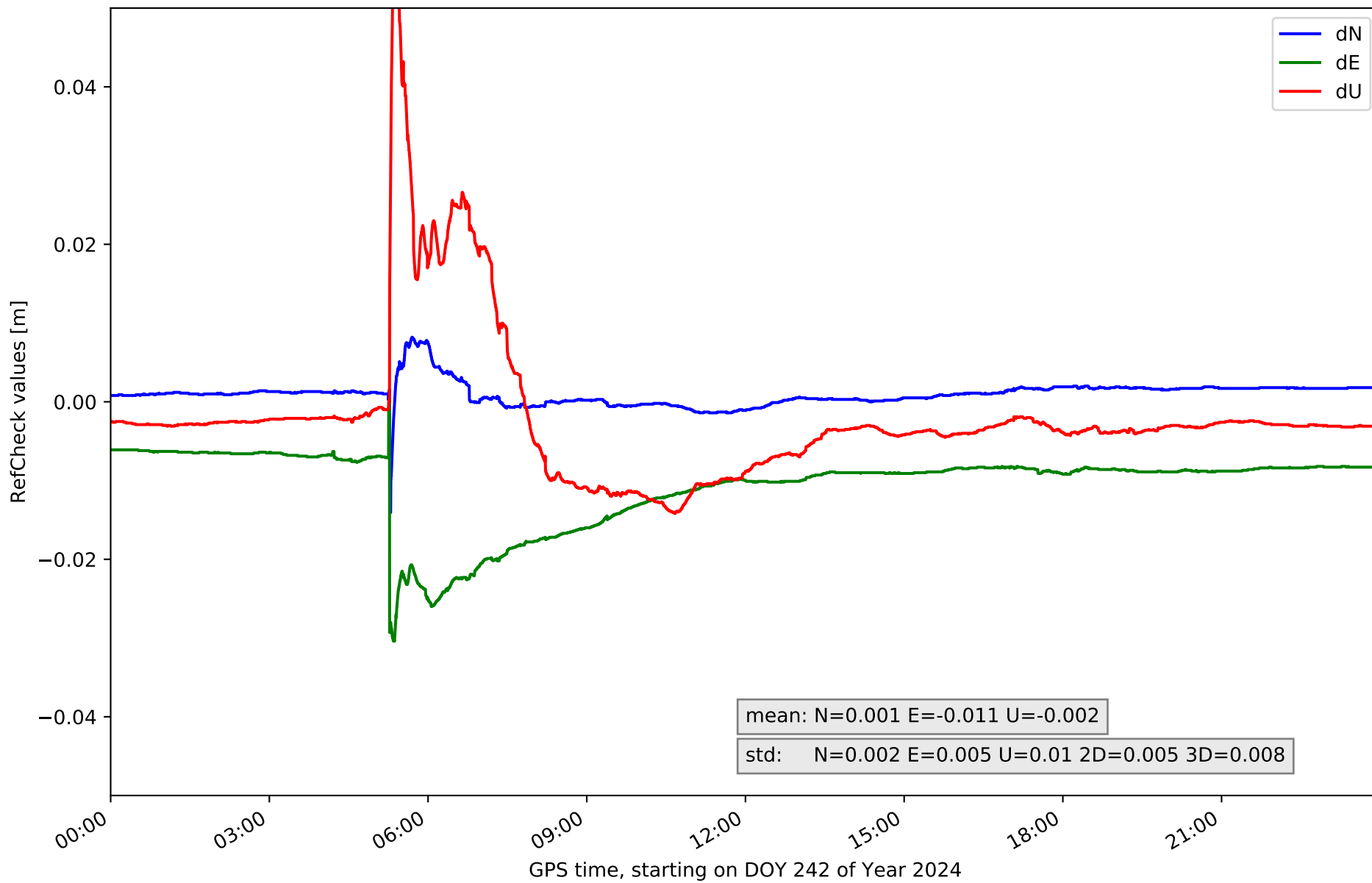
RefCheck for station ONOR in network NET4



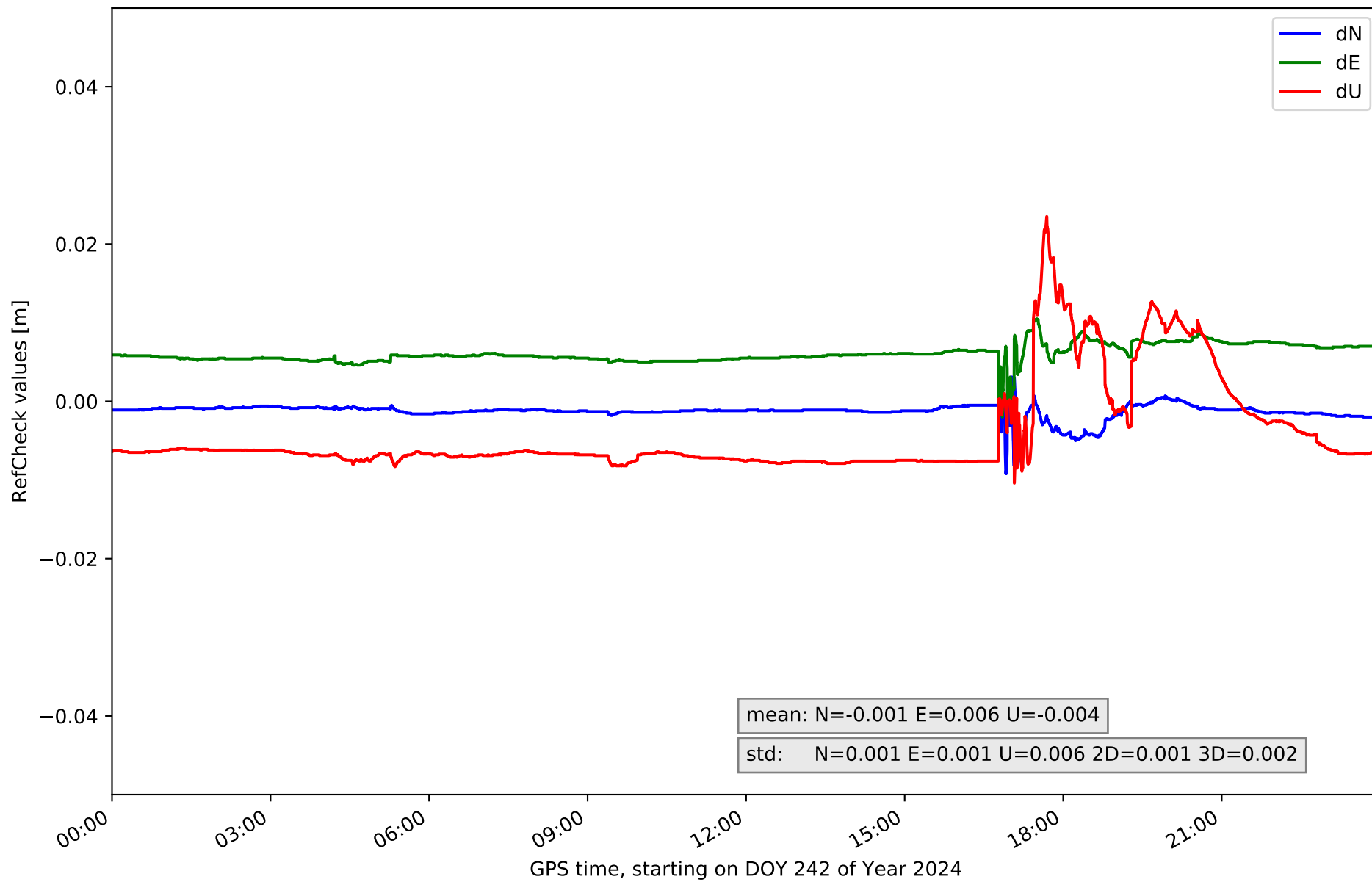
### RefCheck for station PALE in network NET4



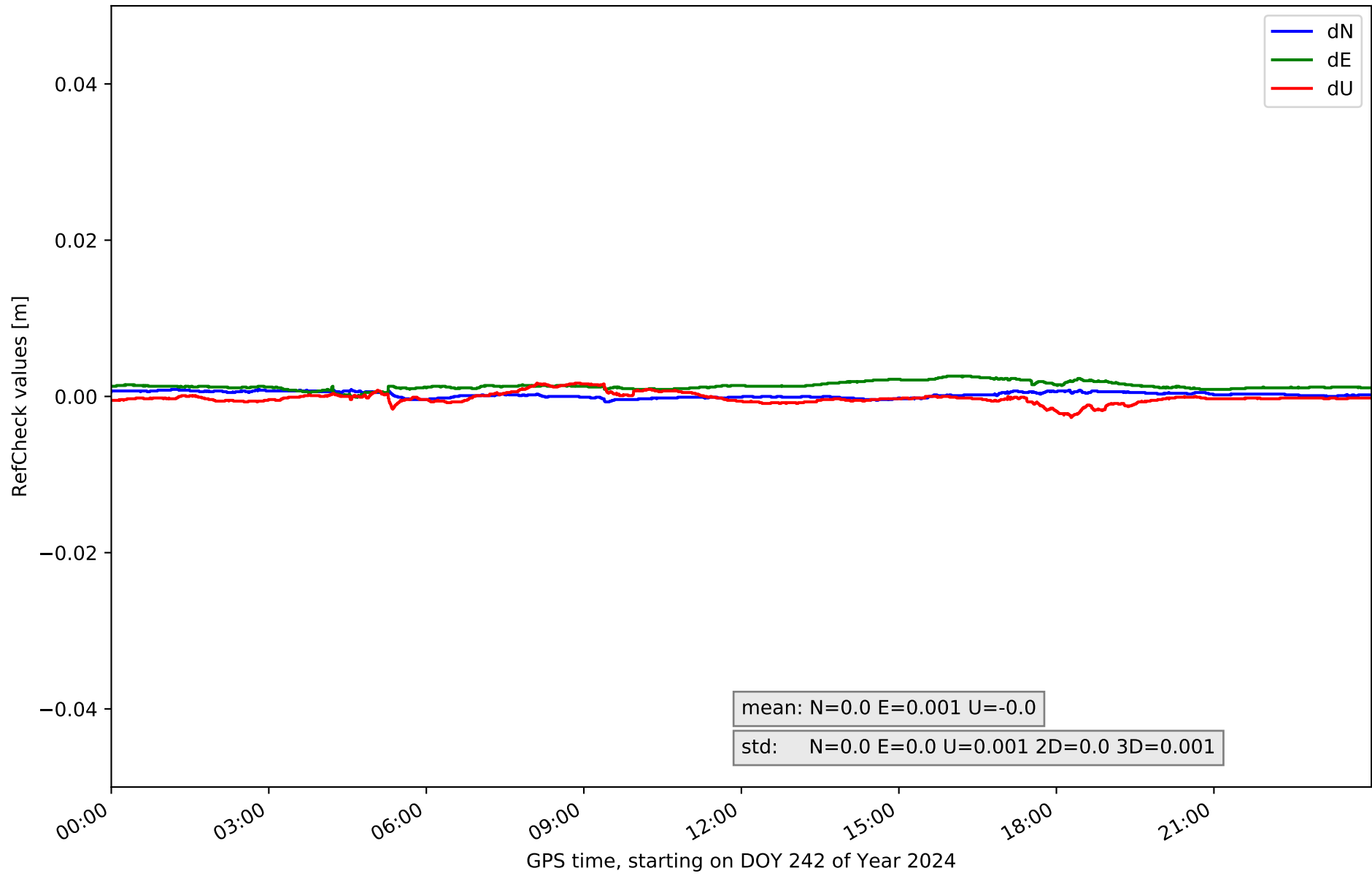
RefCheck for station PDB1 in network NET4



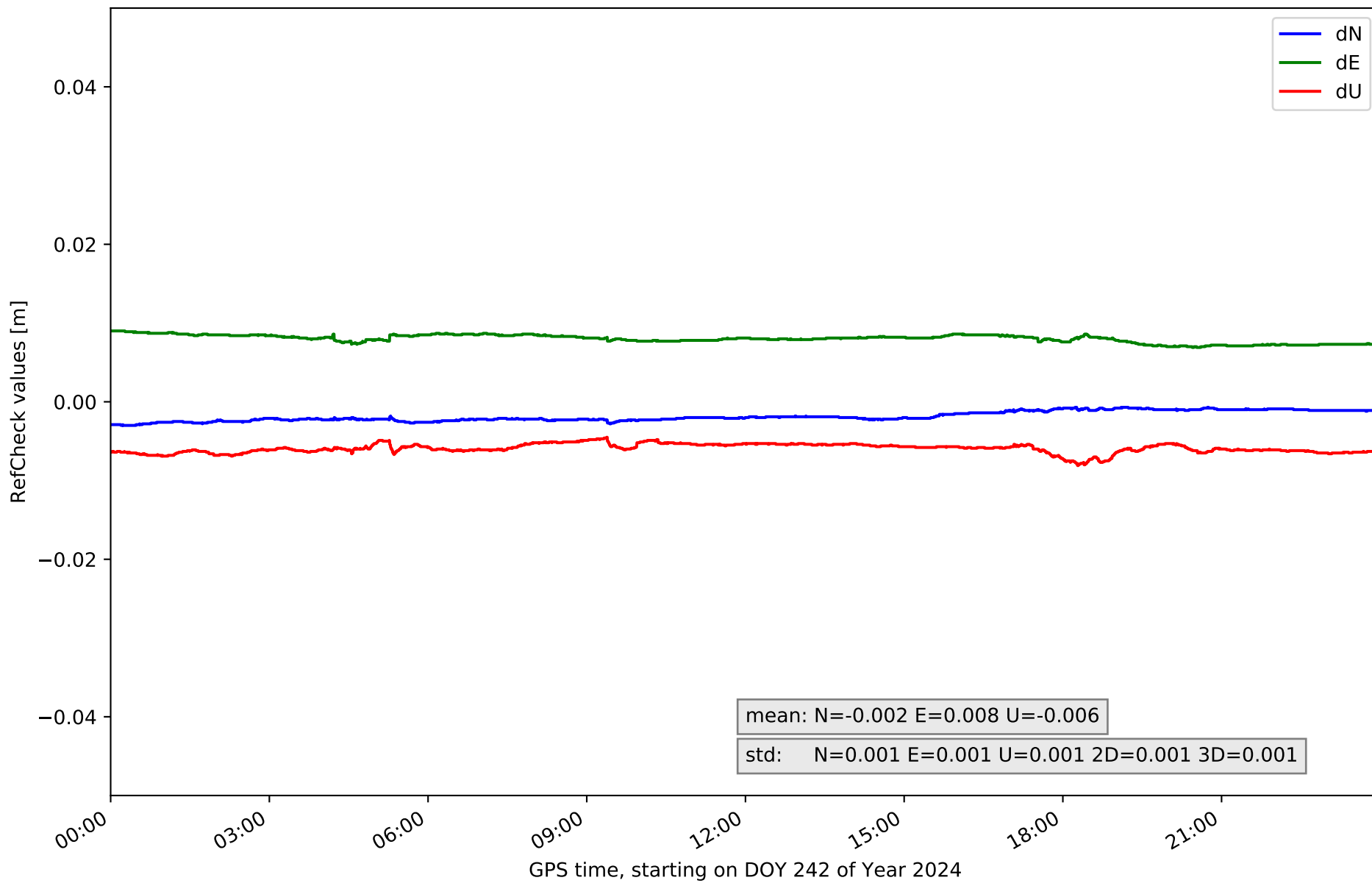
# RefCheck for station PEN1 in network NET4



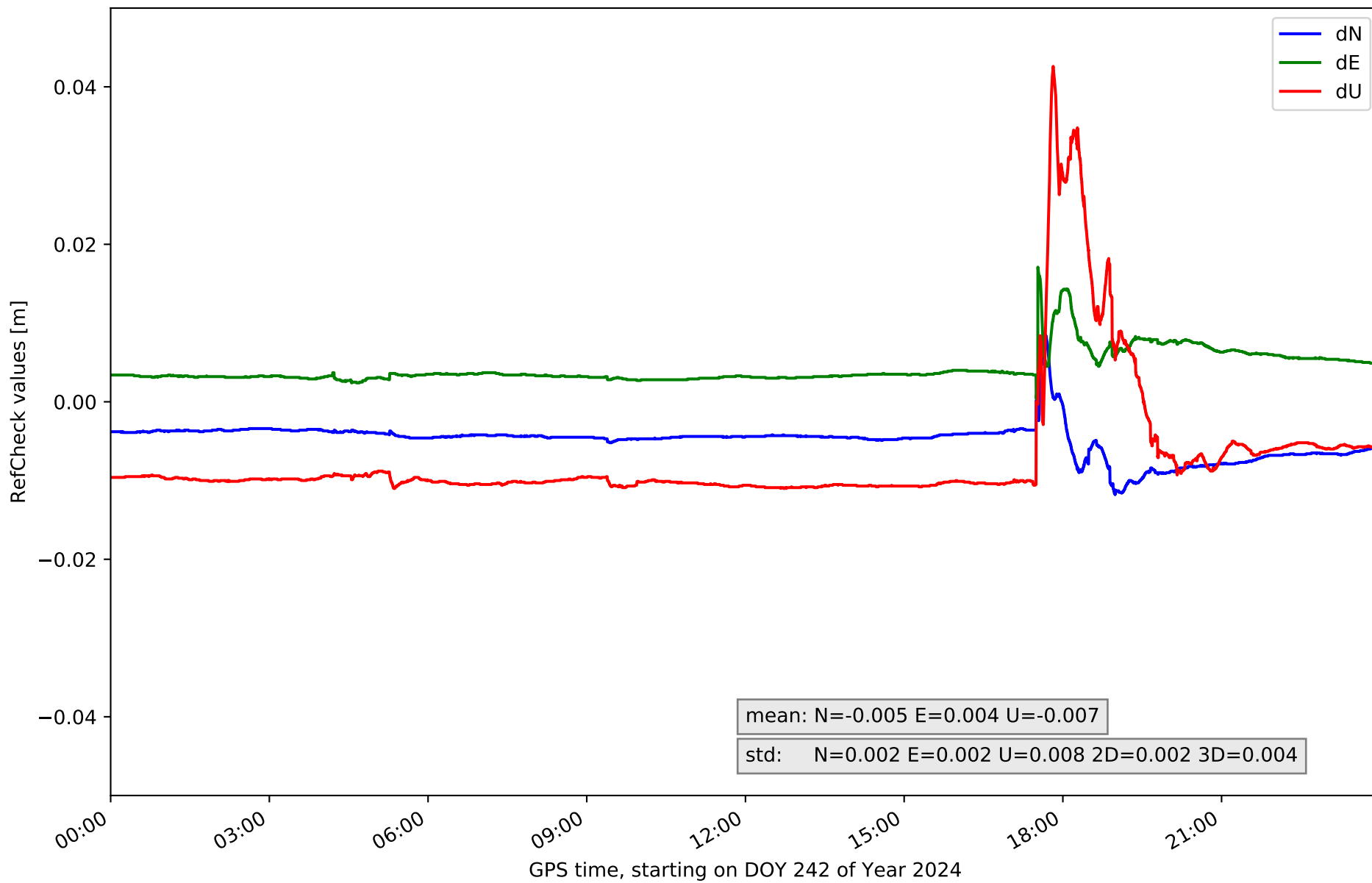
# RefCheck for station SALA in network NET4



### RefCheck for station SALD in network NET4

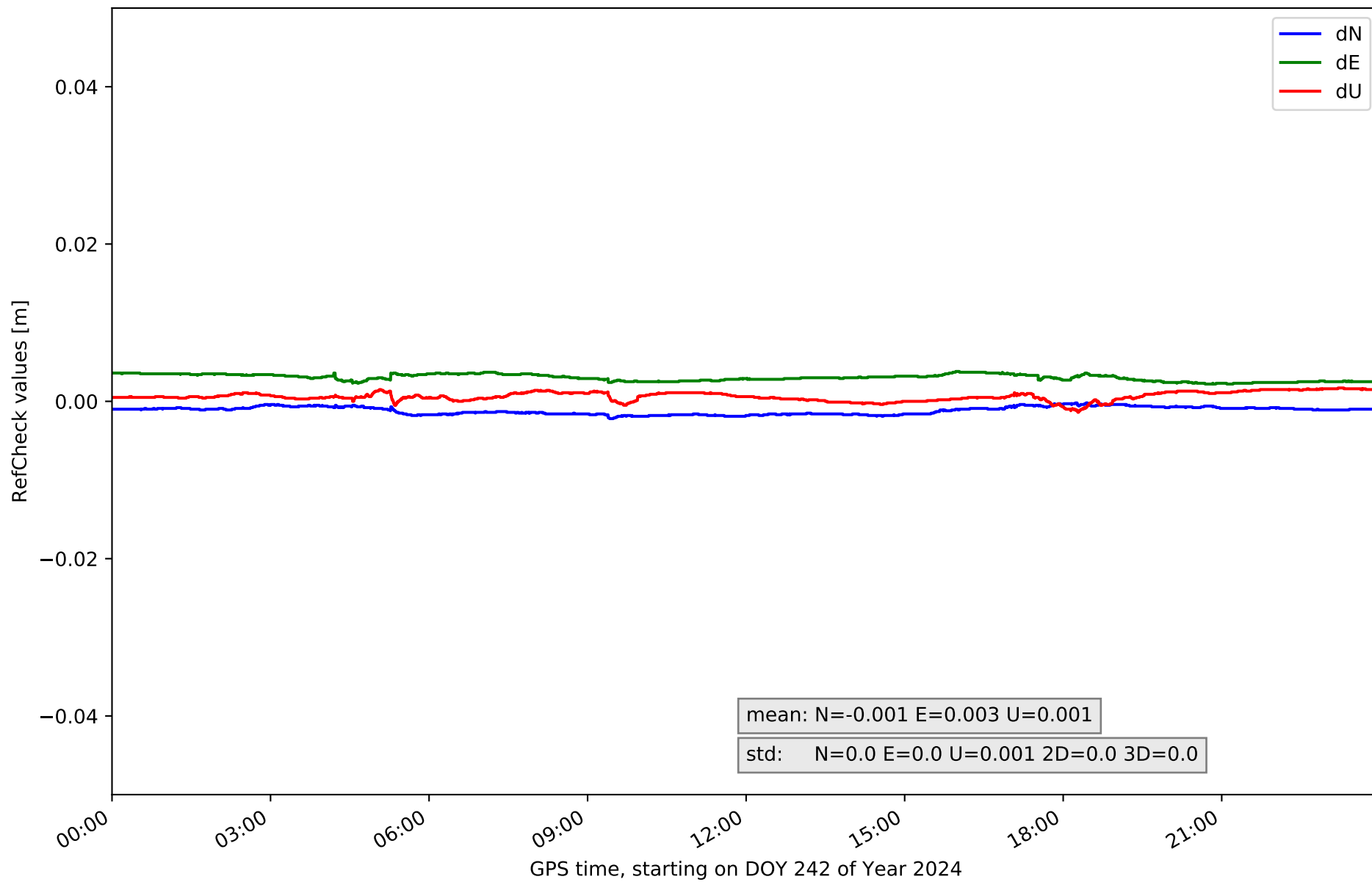


### RefCheck for station STVD in network NET4

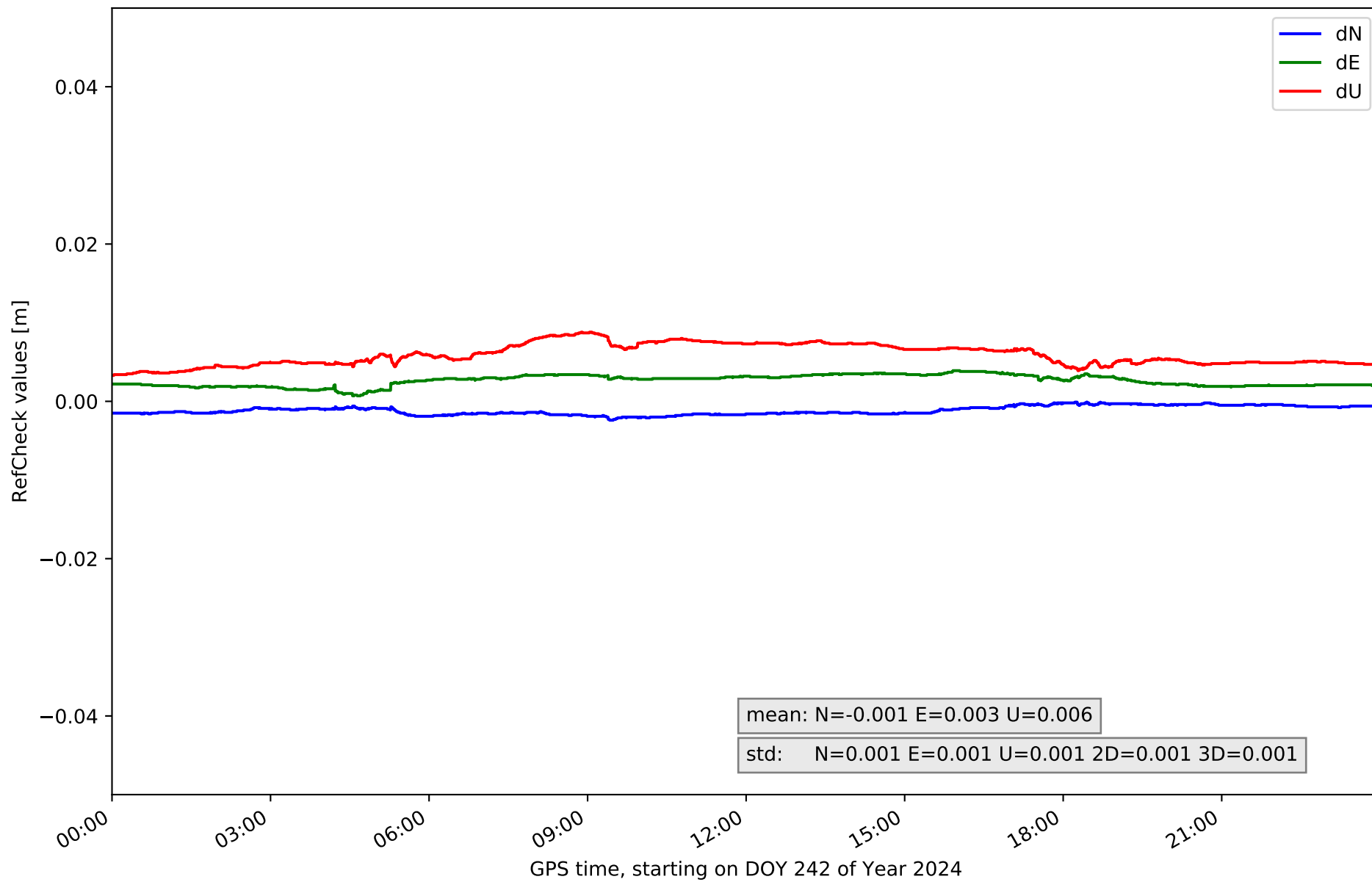




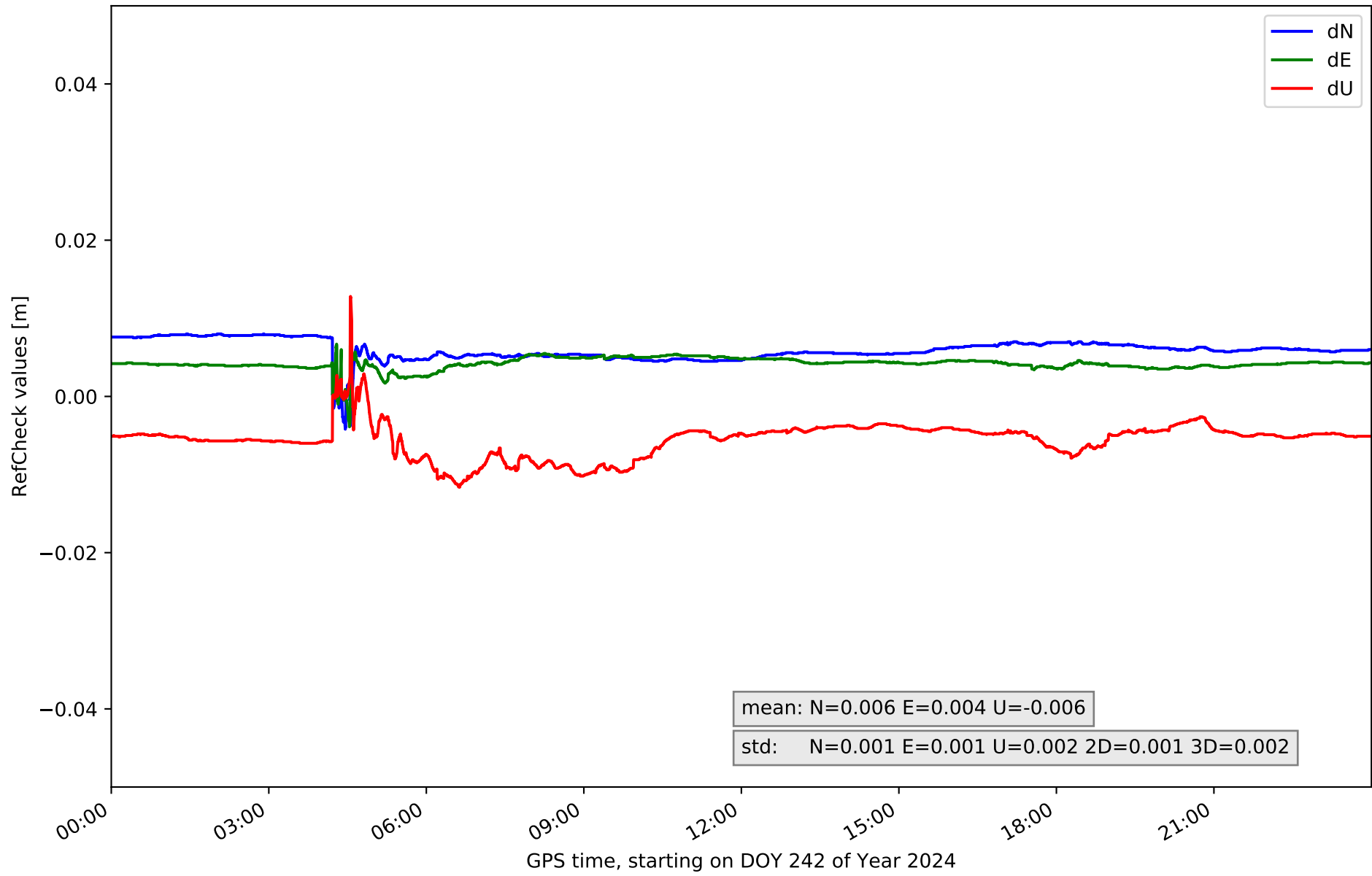
### RefCheck for station TORO in network NET4



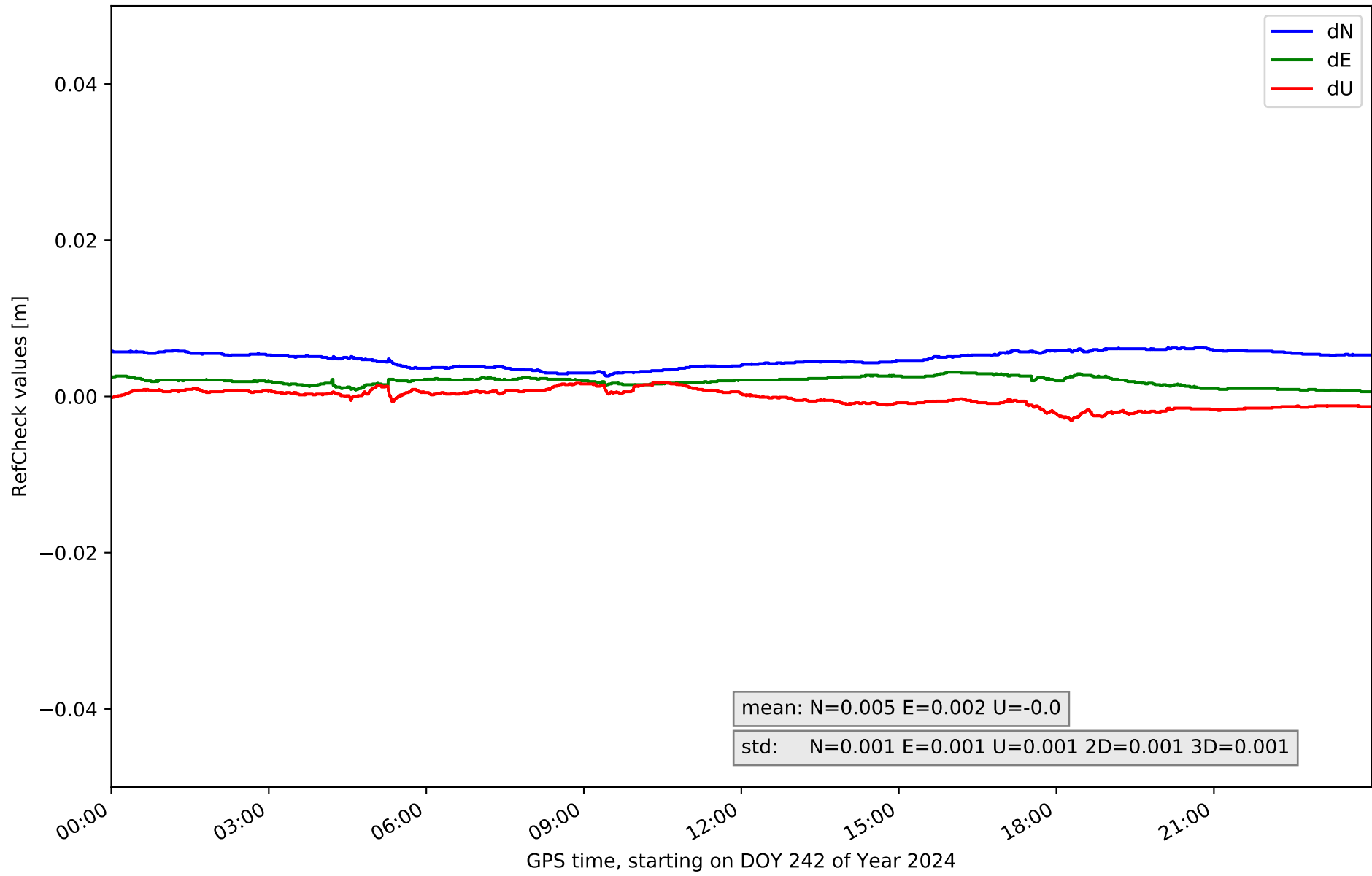
### RefCheck for station VALA in network NET4



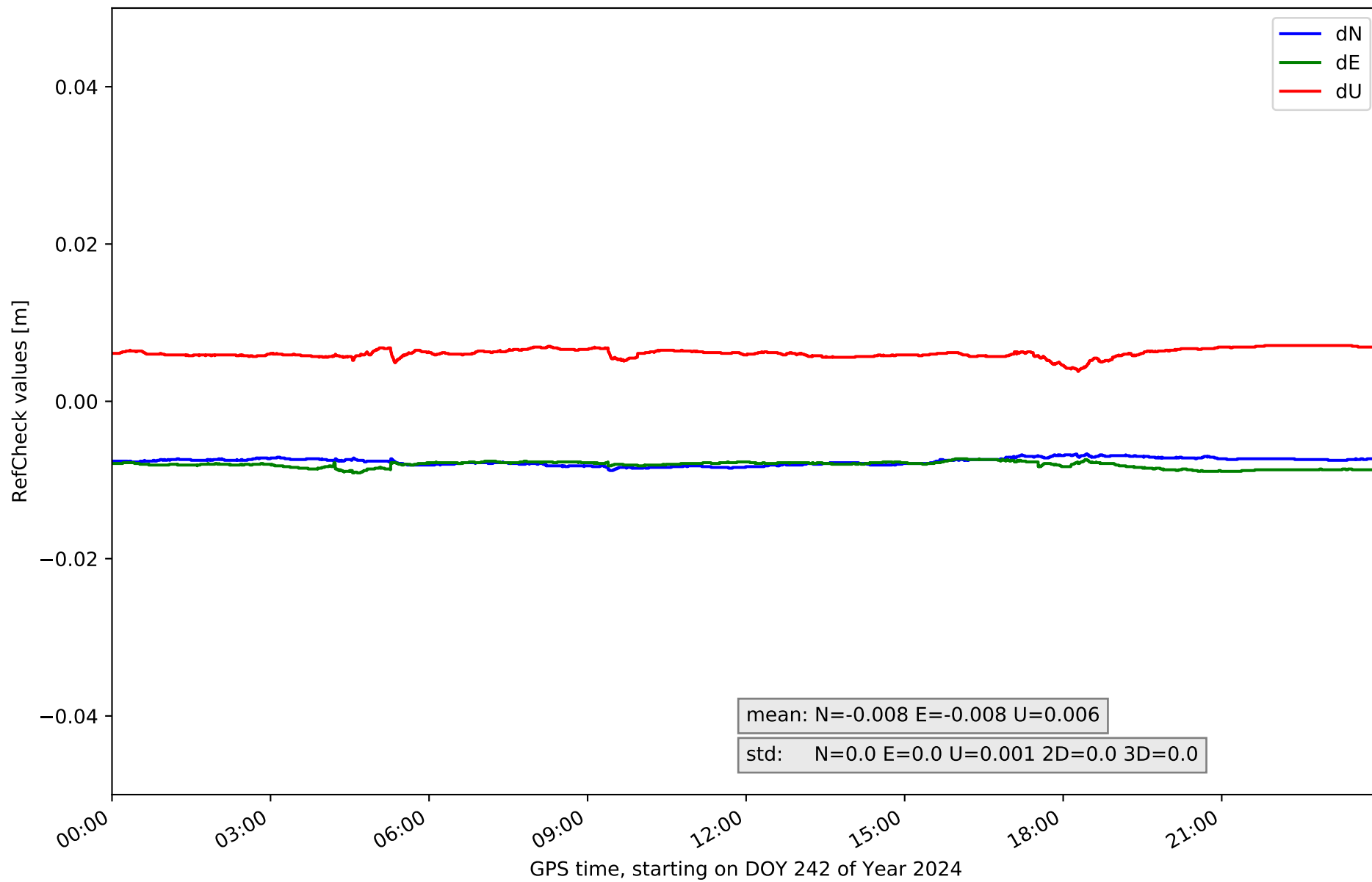
# RefCheck for station VNAN in network NET4



# RefCheck for station VTGD in network NET4



### RefCheck for station ZMRA in network NET4



## RefCheck values for network NET4

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01    | % 2D > 0.01 | #3D > 0.02   | % 3D > 0.02 |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|---------------|-------------|--------------|-------------|
| ACNS           | -0.003        | 0.004        | 0.001        | -0.001        | 0.008        | 0.001        | -0.014        | 0.025        | 0.003        | 0.001        | 0.002        | 0             | 0.0         | 442          | 1.2         |
| ARSP           | -0.006        | 0.011        | 0.001        | -0.015        | 0.005        | 0.002        | -0.027        | 0.008        | 0.008        | 0.001        | 0.006        | 205           | 0.6         | 941          | 2.6         |
| BURG           | -0.003        | 0.018        | 0.002        | -0.007        | 0.01         | 0.002        | -0.006        | 0.042        | 0.006        | 0.002        | 0.005        | 253           | 0.7         | 866          | 2.4         |
| GUIJ           | -0.003        | 0.009        | 0.002        | -0.011        | 0.003        | 0.001        | -0.017        | 0.011        | 0.004        | 0.002        | 0.002        | 302           | 0.8         | 0            | 0.0         |
| MDNR           | 0.002         | 0.004        | 0.001        | 0.005         | 0.006        | 0.0          | -0.002        | 0.001        | 0.001        | 0.0          | 0.0          | 0             | 0.0         | 0            | 0.0         |
| MYRG           | -0.001        | 0.001        | 0.001        | 0.004         | 0.006        | 0.0          | -0.002        | 0.002        | 0.001        | 0.0          | 0.0          | 0             | 0.0         | 0            | 0.0         |
| ONOR           | -0.005        | 0.003        | 0.001        | -0.004        | 0.005        | 0.001        | -0.002        | 0.025        | 0.004        | 0.001        | 0.004        | 0             | 0.0         | 1418         | 3.9         |
| PALE           | 0.001         | 0.003        | 0.001        | 0.006         | 0.008        | 0.0          | -0.003        | 0.002        | 0.001        | 0.0          | 0.0          | 0             | 0.0         | 0            | 0.0         |
| PDB1           | -0.014        | 0.008        | 0.002        | -0.03         | 0.0          | 0.005        | -0.014        | 0.067        | 0.01         | 0.005        | 0.008        | 13509         | 36.8        | 3463         | 9.4         |
| PEN1           | -0.009        | 0.003        | 0.001        | -0.002        | 0.011        | 0.001        | -0.01         | 0.024        | 0.006        | 0.001        | 0.002        | 81            | 0.2         | 121          | 0.3         |
| SALA           | -0.001        | 0.001        | 0.0          | -0.0          | 0.003        | 0.0          | -0.003        | 0.002        | 0.001        | 0.0          | 0.001        | 0             | 0.0         | 0            | 0.0         |
| SALD           | -0.003        | -0.001       | 0.001        | 0.007         | 0.009        | 0.001        | -0.008        | -0.004       | 0.001        | 0.001        | 0.001        | 0             | 0.0         | 0            | 0.0         |
| STVD           | -0.012        | 0.009        | 0.002        | 0.0           | 0.017        | 0.002        | -0.011        | 0.043        | 0.008        | 0.002        | 0.004        | 5929          | 16.2        | 1236         | 3.4         |
| TORO           | -0.002        | -0.0         | 0.0          | 0.002         | 0.004        | 0.0          | -0.001        | 0.002        | 0.001        | 0.0          | 0.0          | 0             | 0.0         | 0            | 0.0         |
| VALA           | -0.002        | -0.0         | 0.001        | 0.001         | 0.004        | 0.001        | 0.003         | 0.009        | 0.001        | 0.001        | 0.001        | 0             | 0.0         | 0            | 0.0         |
| VNAN           | -0.004        | 0.008        | 0.001        | -0.004        | 0.007        | 0.001        | -0.012        | 0.013        | 0.002        | 0.001        | 0.002        | 0             | 0.0         | 0            | 0.0         |
| VTGD           | 0.003         | 0.006        | 0.001        | 0.001         | 0.003        | 0.001        | -0.003        | 0.002        | 0.001        | 0.001        | 0.001        | 0             | 0.0         | 0            | 0.0         |
| ZMRA           | -0.009        | -0.007       | 0.0          | -0.009        | -0.007       | 0.0          | 0.004         | 0.007        | 0.001        | 0.0          | 0.0          | 36676         | 99.9        | 0            | 0.0         |
| <b>Mean</b>    | <b>-0.004</b> | <b>0.004</b> | <b>0.001</b> | <b>-0.003</b> | <b>0.006</b> | <b>0.001</b> | <b>-0.007</b> | <b>0.016</b> | <b>0.003</b> | <b>0.001</b> | <b>0.002</b> | <b>3164.2</b> | <b>8.6</b>  | <b>471.5</b> | <b>1.3</b>  |
| <b>Min/Max</b> | <b>-0.014</b> | <b>0.018</b> | <b>0.002</b> | <b>-0.03</b>  | <b>0.017</b> | <b>0.005</b> | <b>-0.027</b> | <b>0.067</b> | <b>0.01</b>  | <b>0.005</b> | <b>0.008</b> | <b>36676</b>  | <b>99.9</b> | <b>3463</b>  | <b>9.4</b>  |

fixing statistic for network NET4

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 86.8     | 89.8 | 89.3 | 90.7 | 78.5 |
| considering satellites with dual-frequency fixed | 82.7     | 84.6 | 82.9 | 84.7 | 78.3 |
| considering all signals separately               | 82.9     | 84.9 | 82.9 | 84.9 | 77.4 |