

## summary for network NET1

timeperiod chosen: from 2024-11-14-00:00:00 until 2024-11-14-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

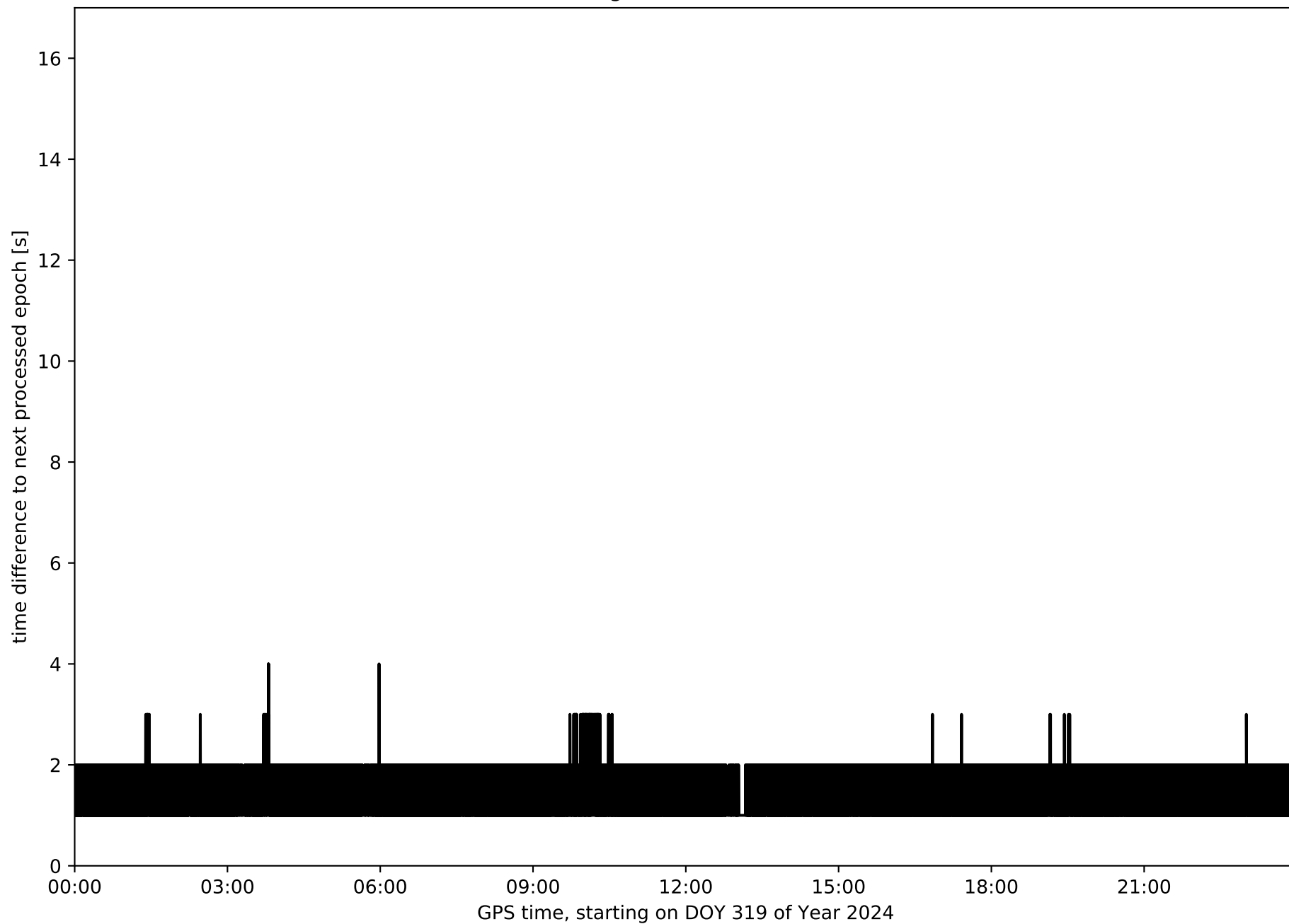
average fixing percentage with threshold set to 0.3: 89.1 percent

stations available: 13 of 13

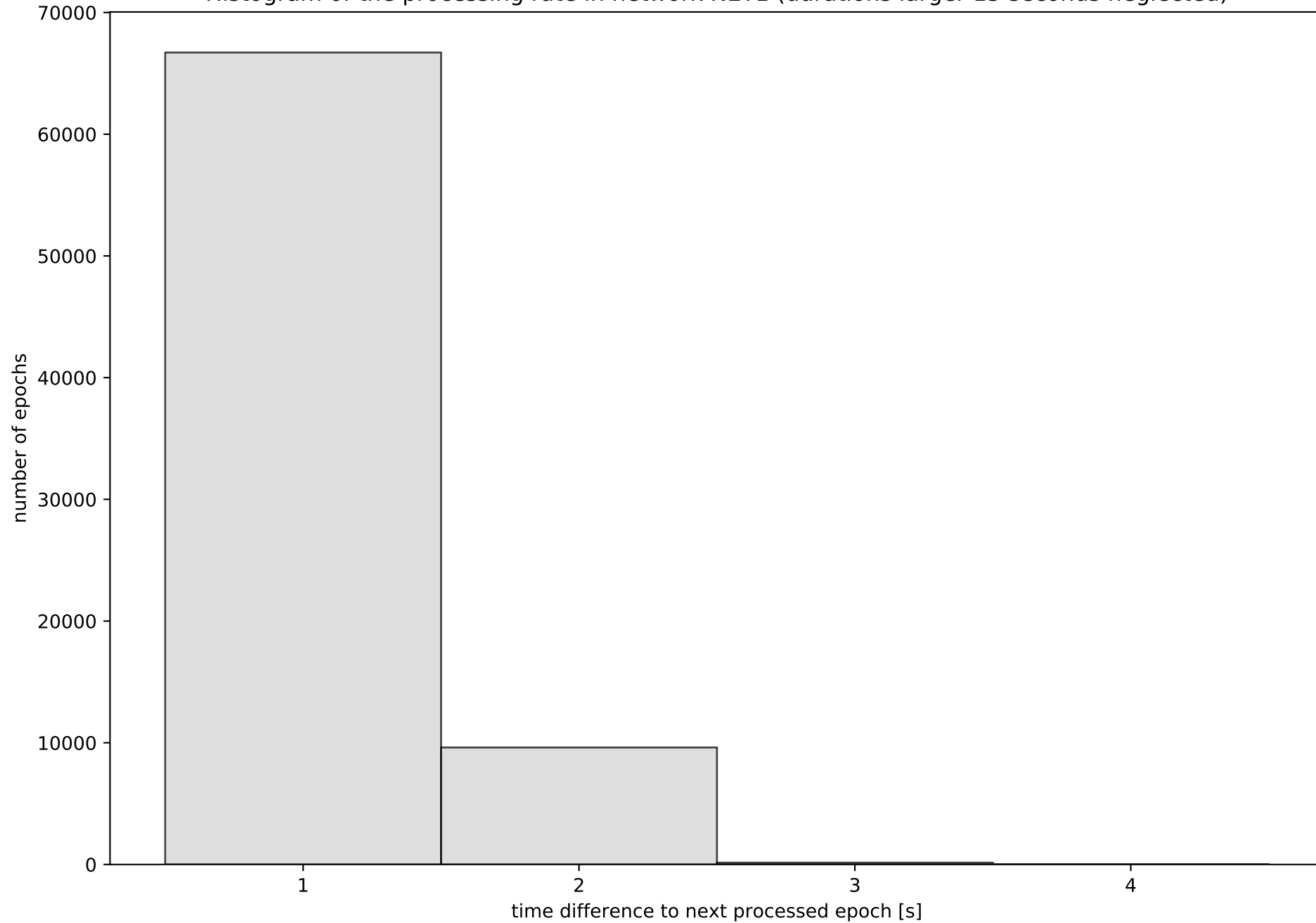
station information:

|               |                              |                         |                  |
|---------------|------------------------------|-------------------------|------------------|
| station AJAL: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 884.142  |
| station ARAJ: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50    | height: 580.921  |
| station AVI2: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 1206.515 |
| station BUIT: | antenna: TRM57971.00 TZGD    | receiver: TRIMBLE NETR9 | height: 1032.705 |
| station IGNE: | antenna: LEIAT504GG LEIS     | receiver: LEICA GR50    | height: 766.956  |
| station MAD1: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50    | height: 724.483  |
| station ORUS: | antenna: TRM57971.00 TZGD    | receiver: TRIMBLE NETR9 | height: 862.752  |
| station PEN1: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR30    | height: 814.558  |
| station RIA1: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 1263.778 |
| station SGVA: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 1076.312 |
| station SMDV: | antenna: TPSCR.G3 TPSH       | receiver: TPS NET-G5    | height: 670.791  |
| station TALV: | antenna: TPSCR.G5 TPSH       | receiver: TPS NET-G5    | height: 458.35   |
| station YEB1: | antenna: LEIAR25 NONE        | receiver: LEICA GR25    | height: 975.396  |

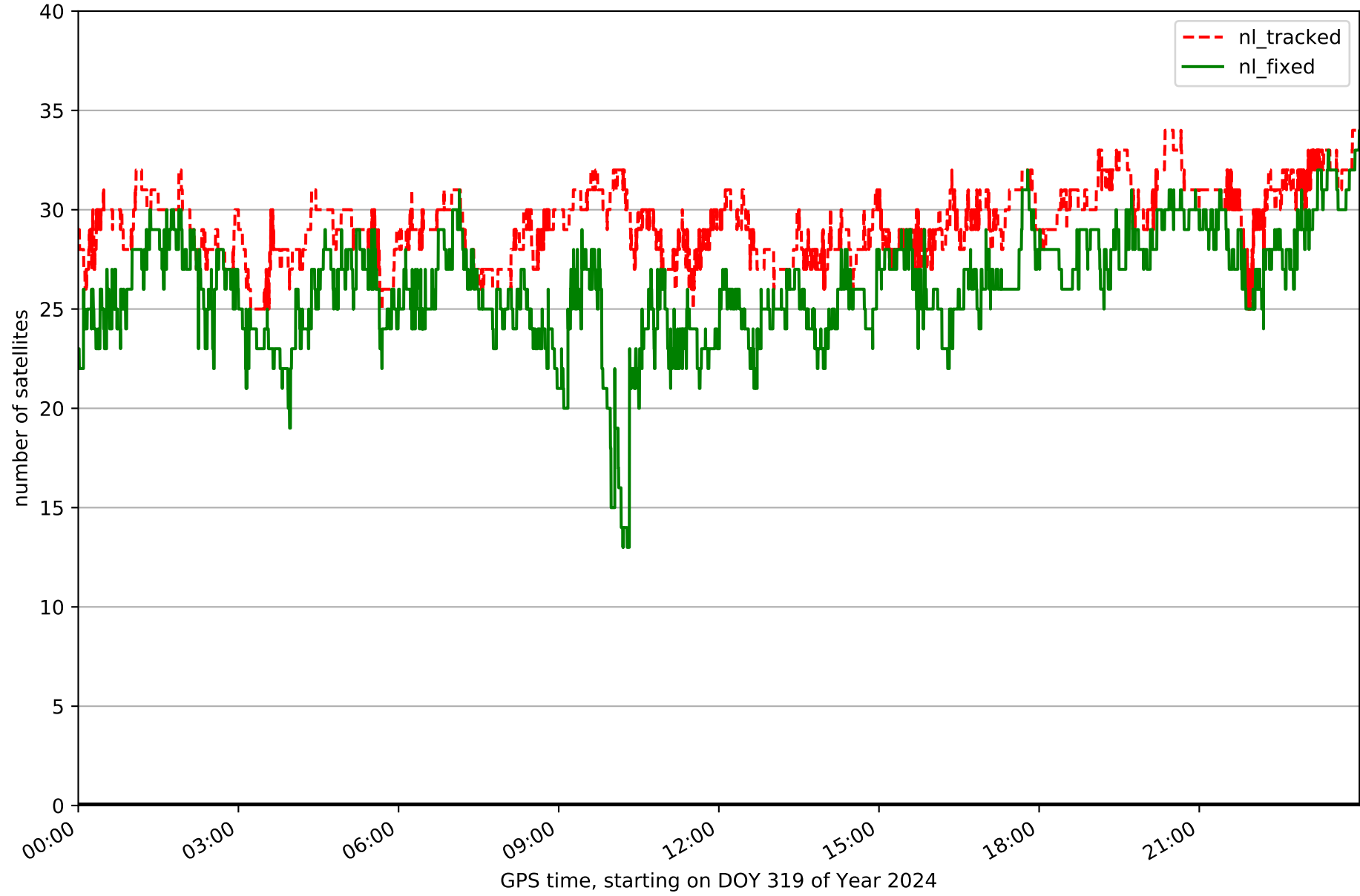
Processing rate in network NET1



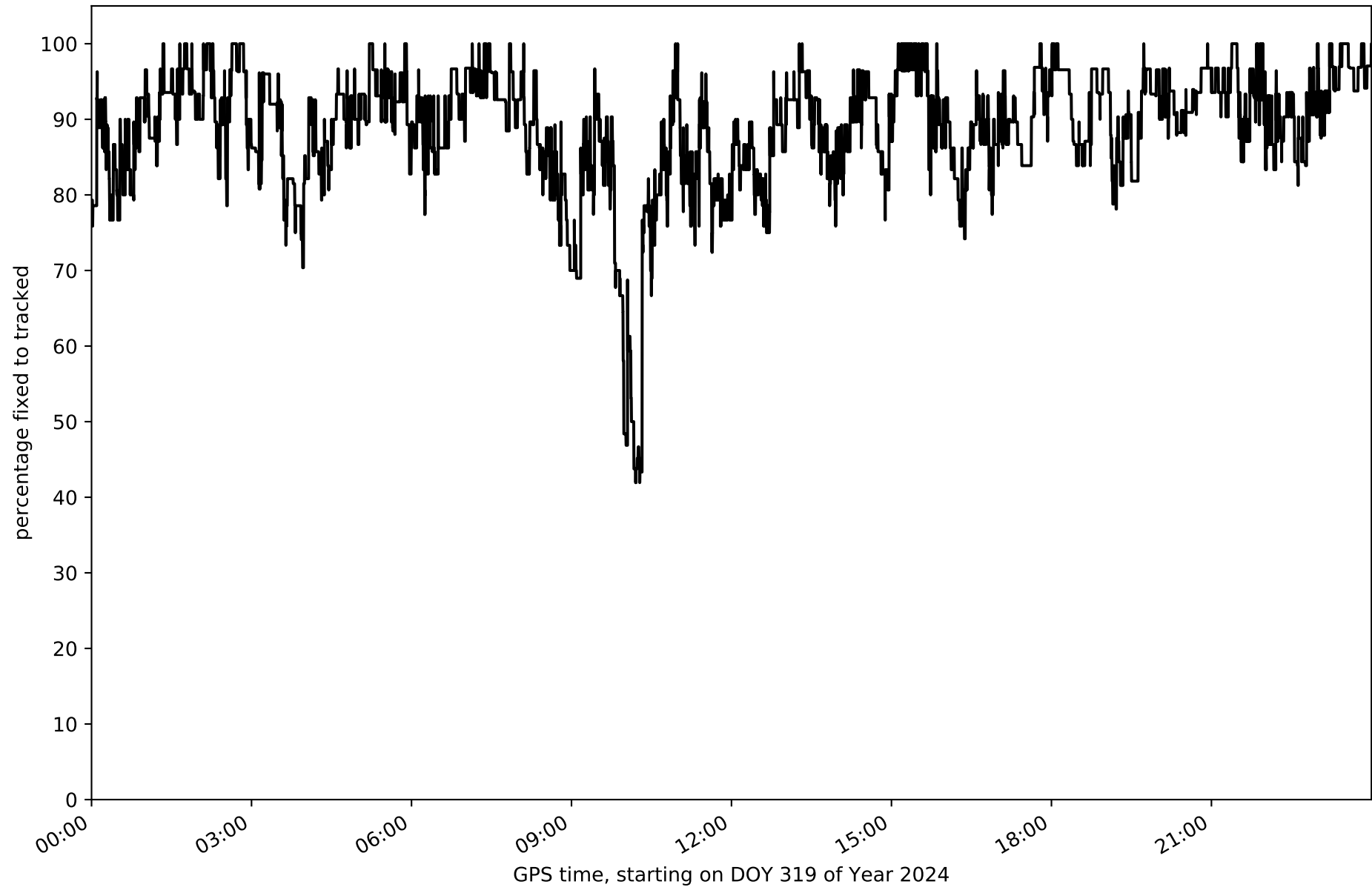
Histogram of the processing rate in network NET1 (durations larger 15 seconds neglected)



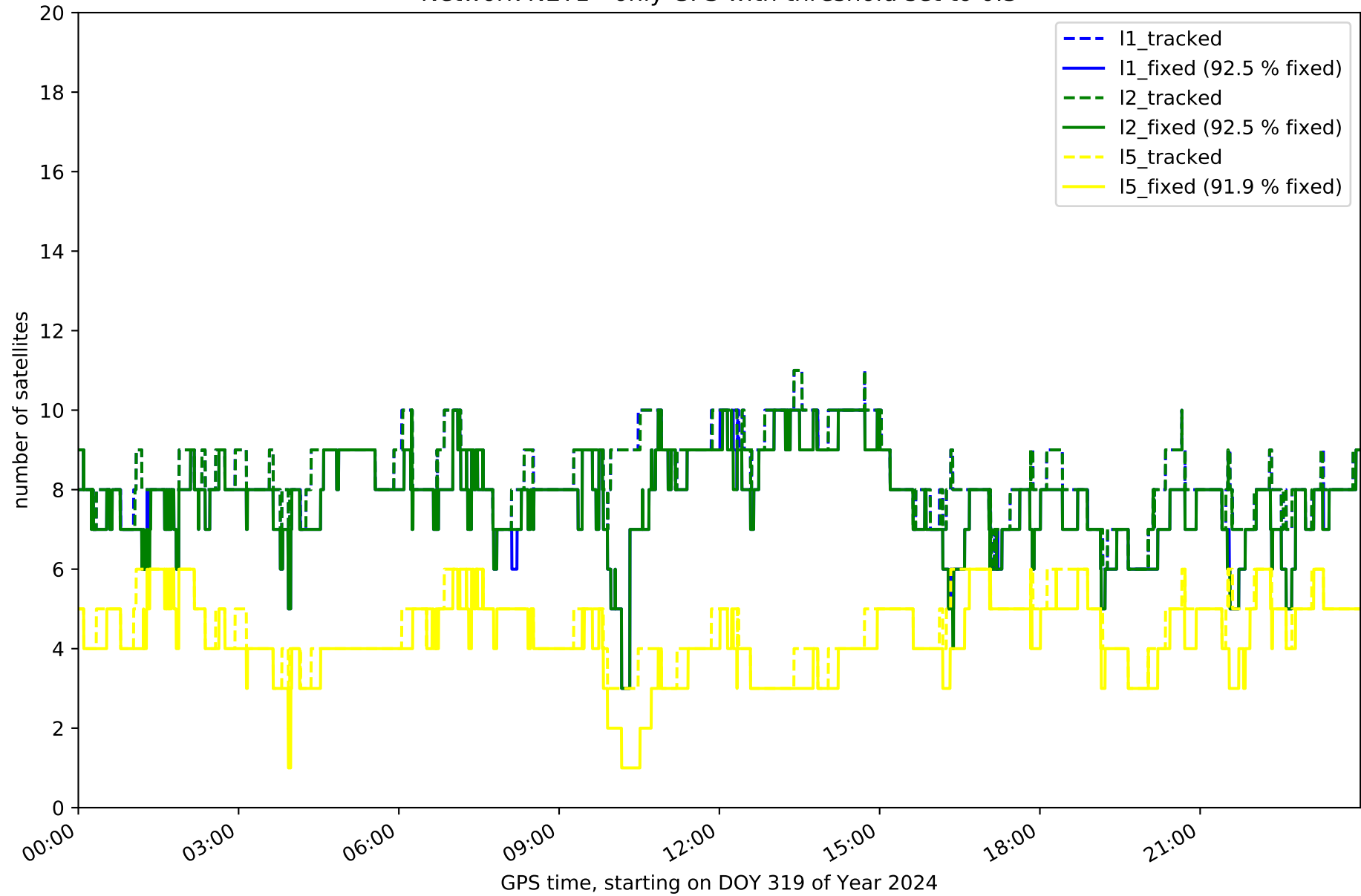
Network NET1 with threshold set to 0.3



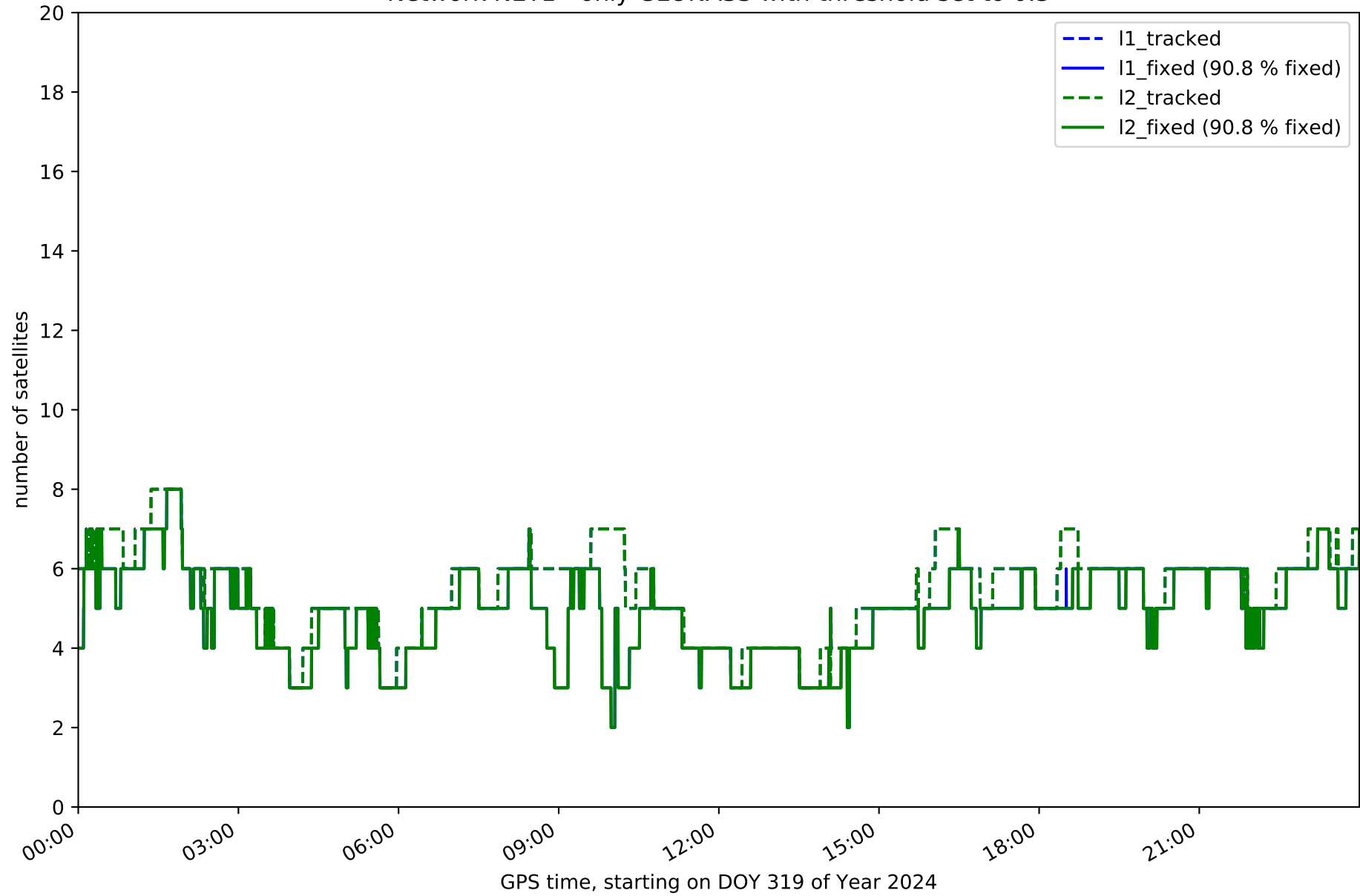
Fixing percentage of satellites in network NET1 with threshold set to 0.3



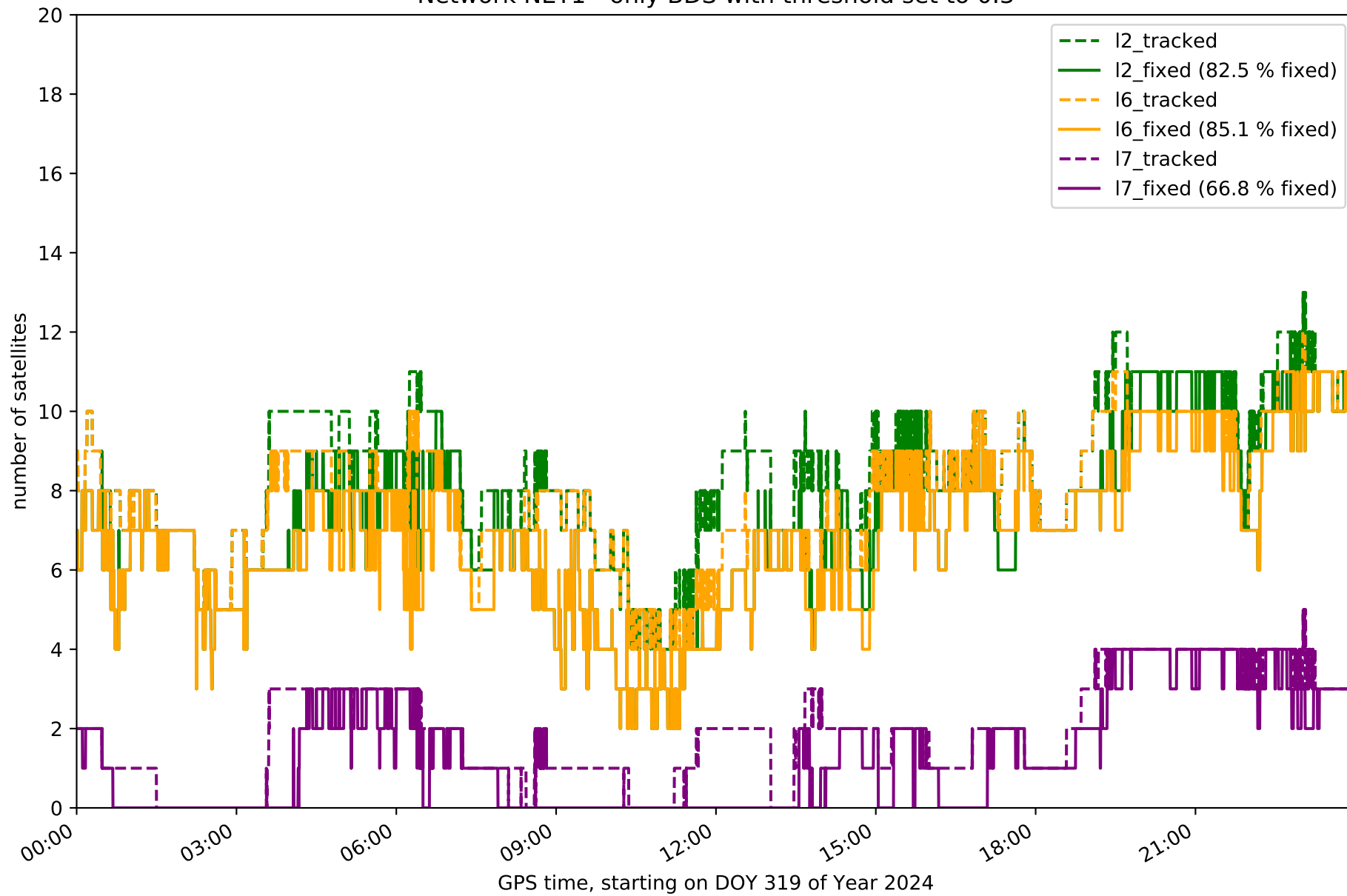
Network NET1 - only GPS with threshold set to 0.3



Network NET1 - only GLONASS with threshold set to 0.3

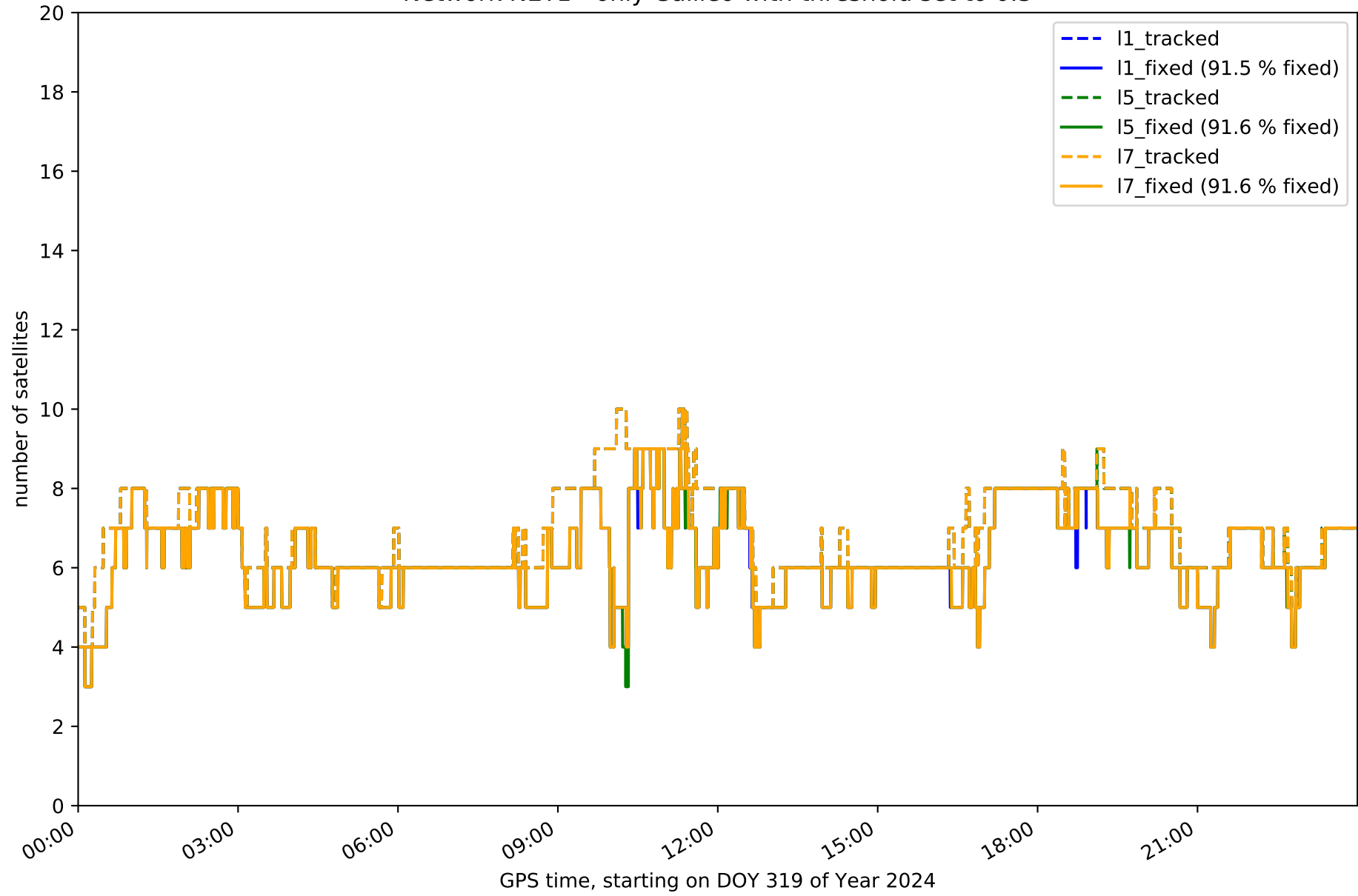


Network NET1 - only BDS with threshold set to 0.3

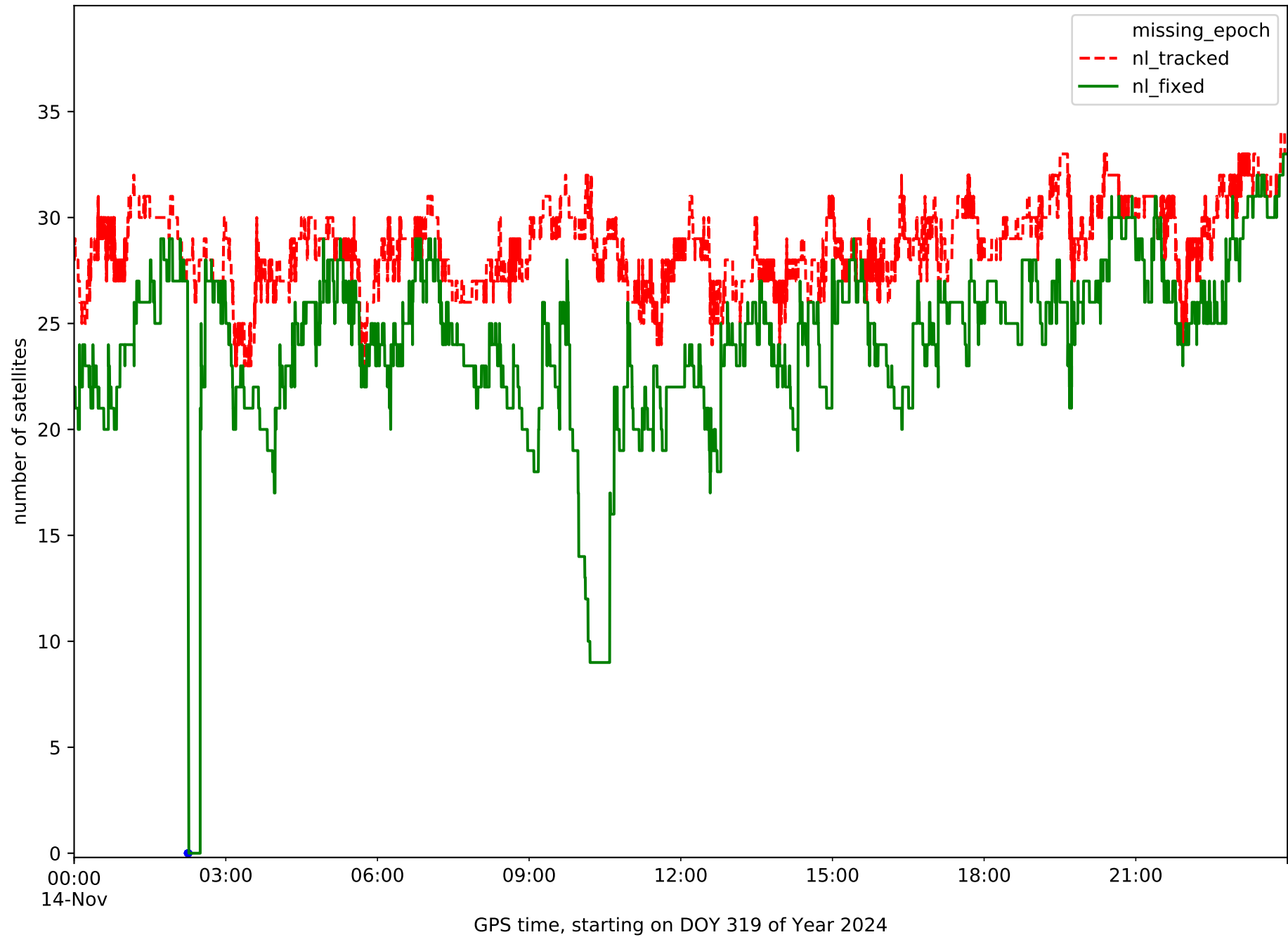




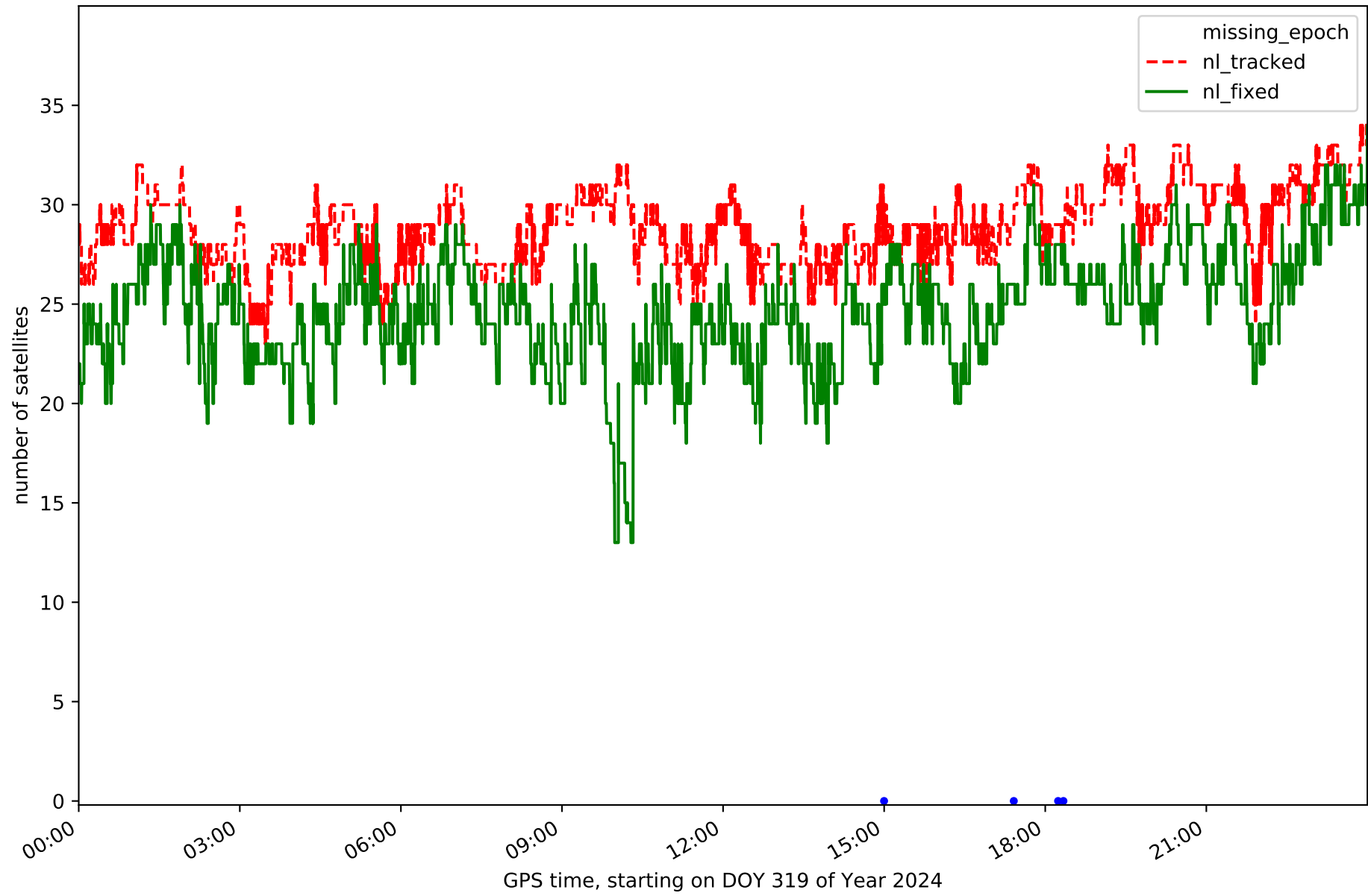
Network NET1 - only Galileo with threshold set to 0.3



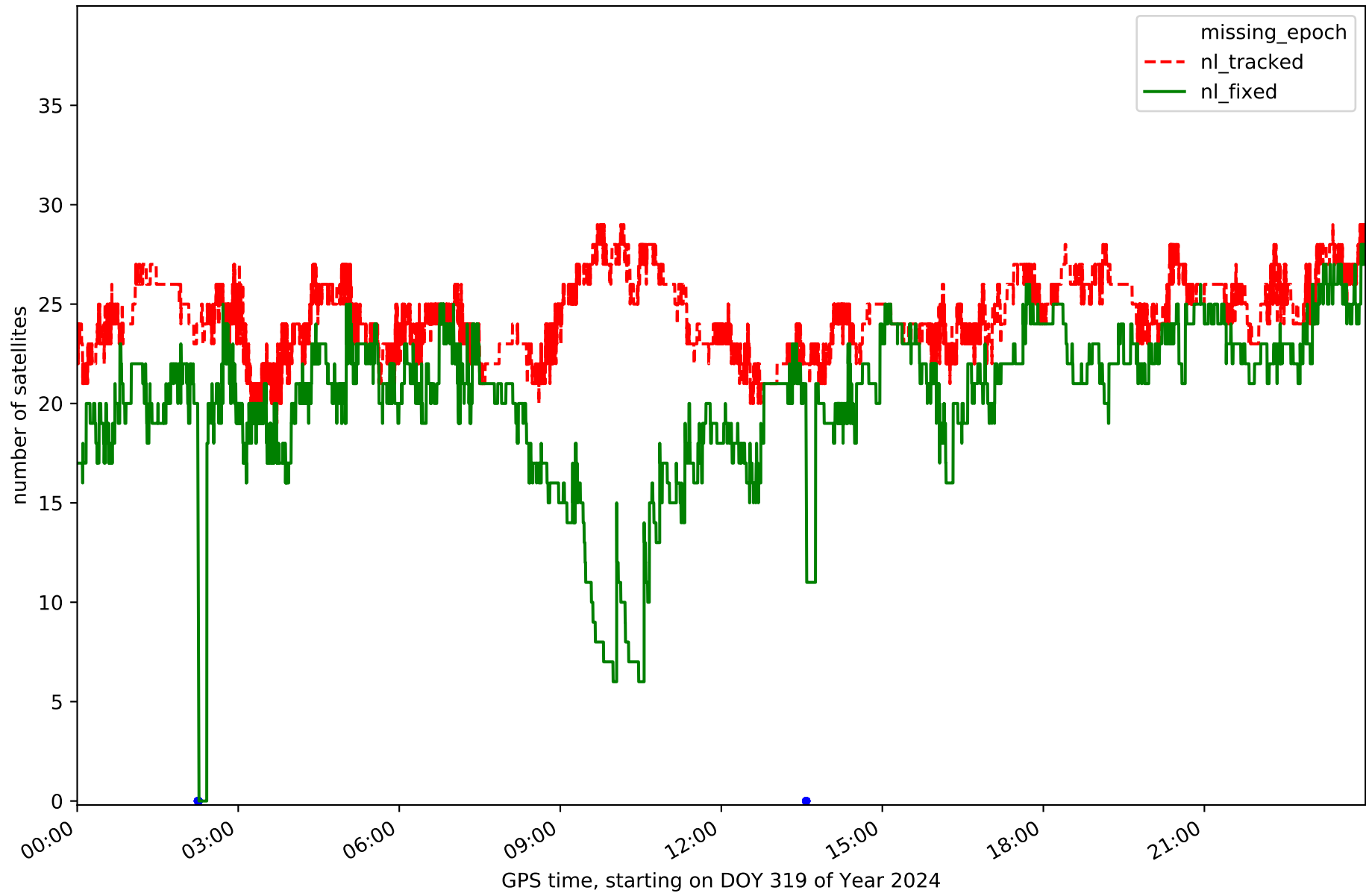
Station AJAL in network NET1



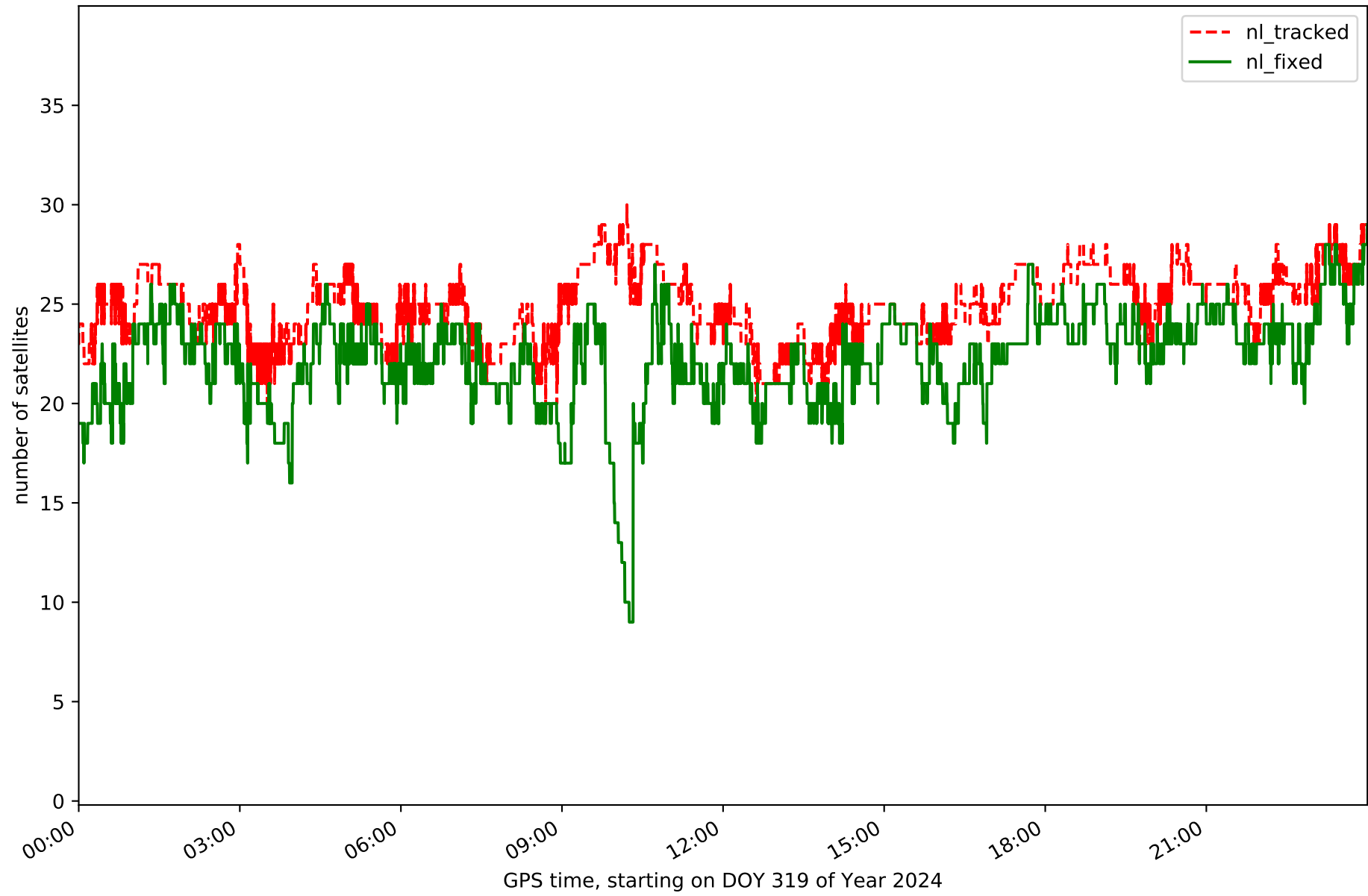
Station ARAJ in network NET1



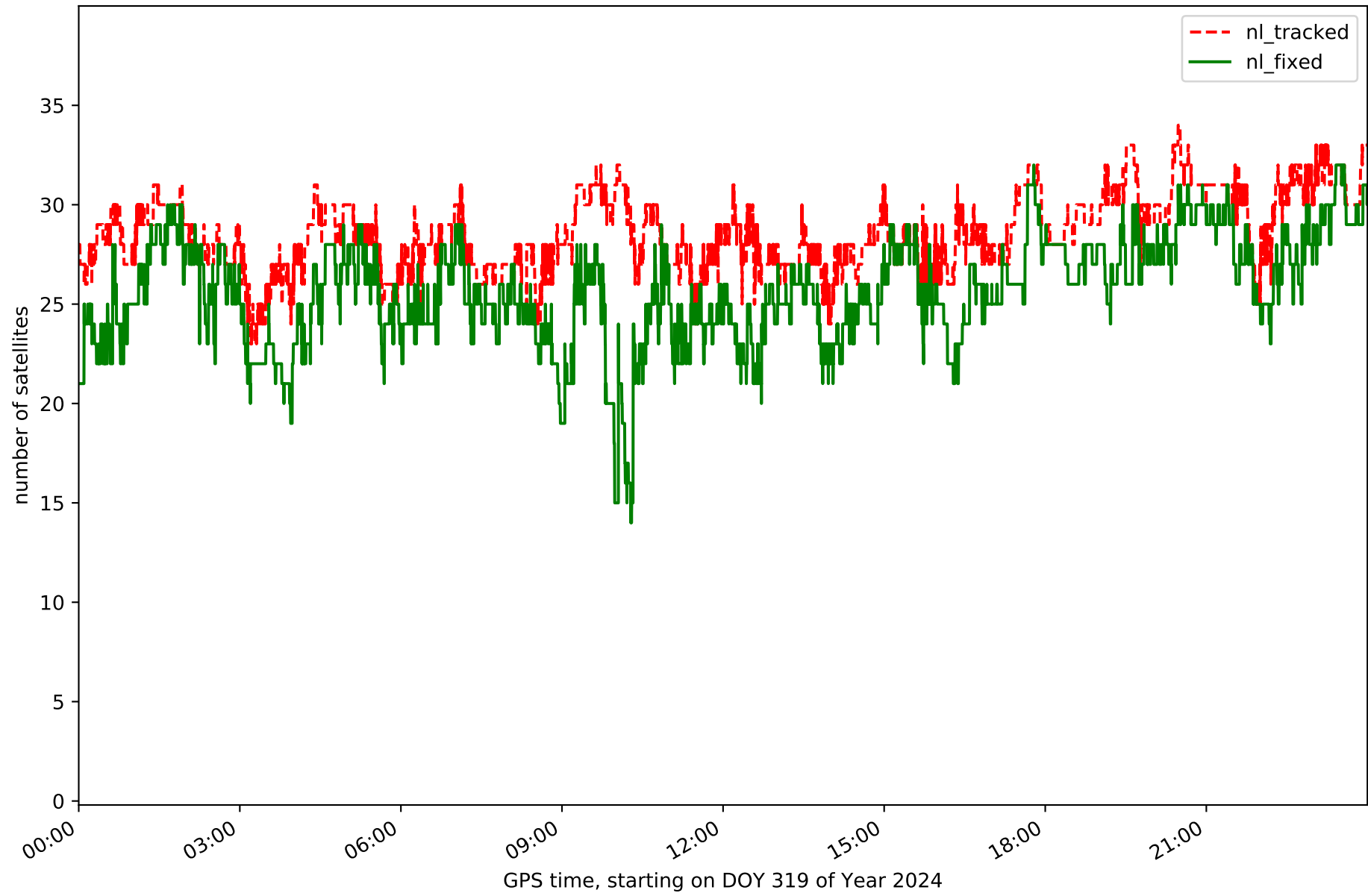
Station AVI2 in network NET1



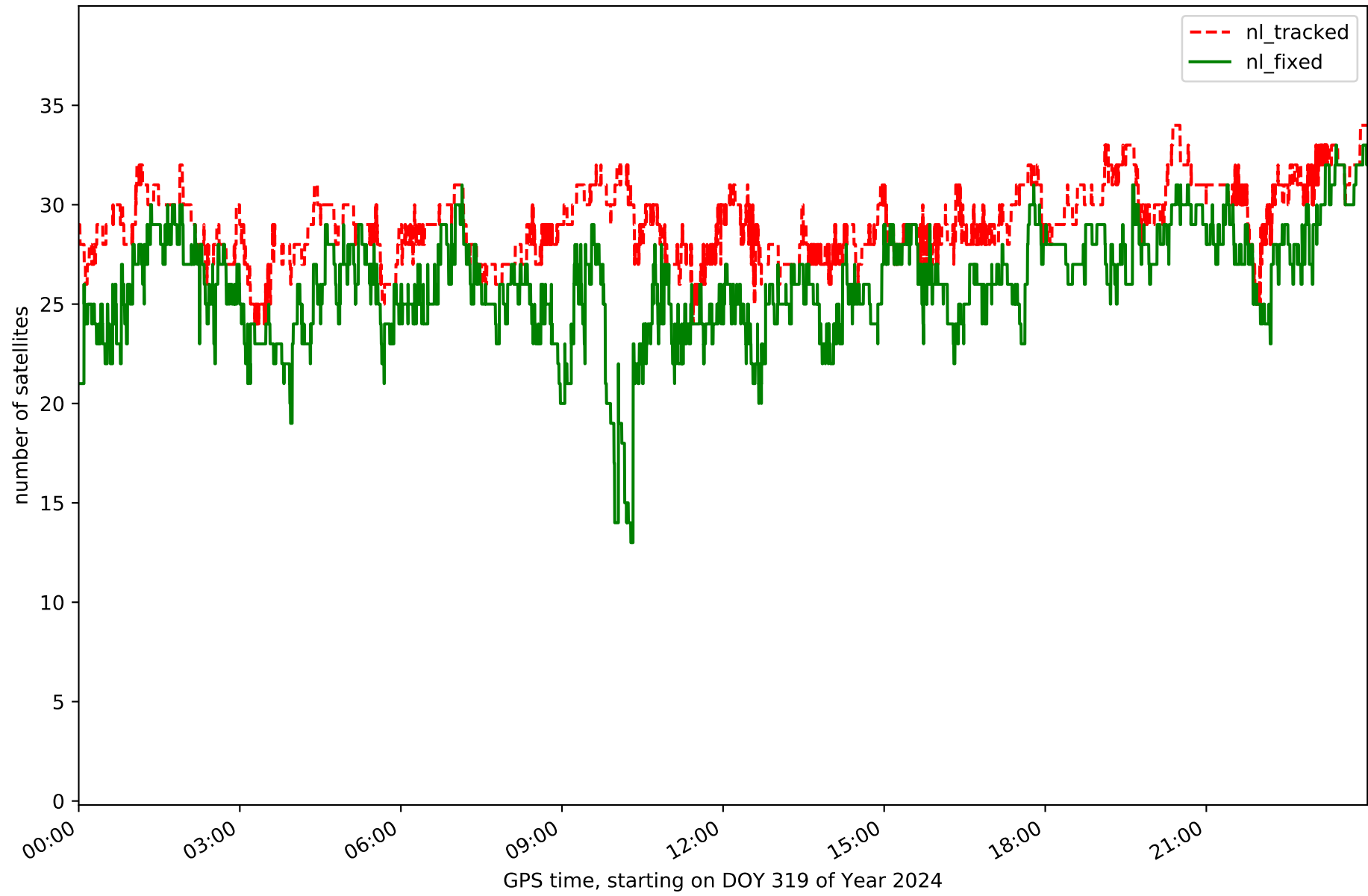
Station BUIT in network NET1



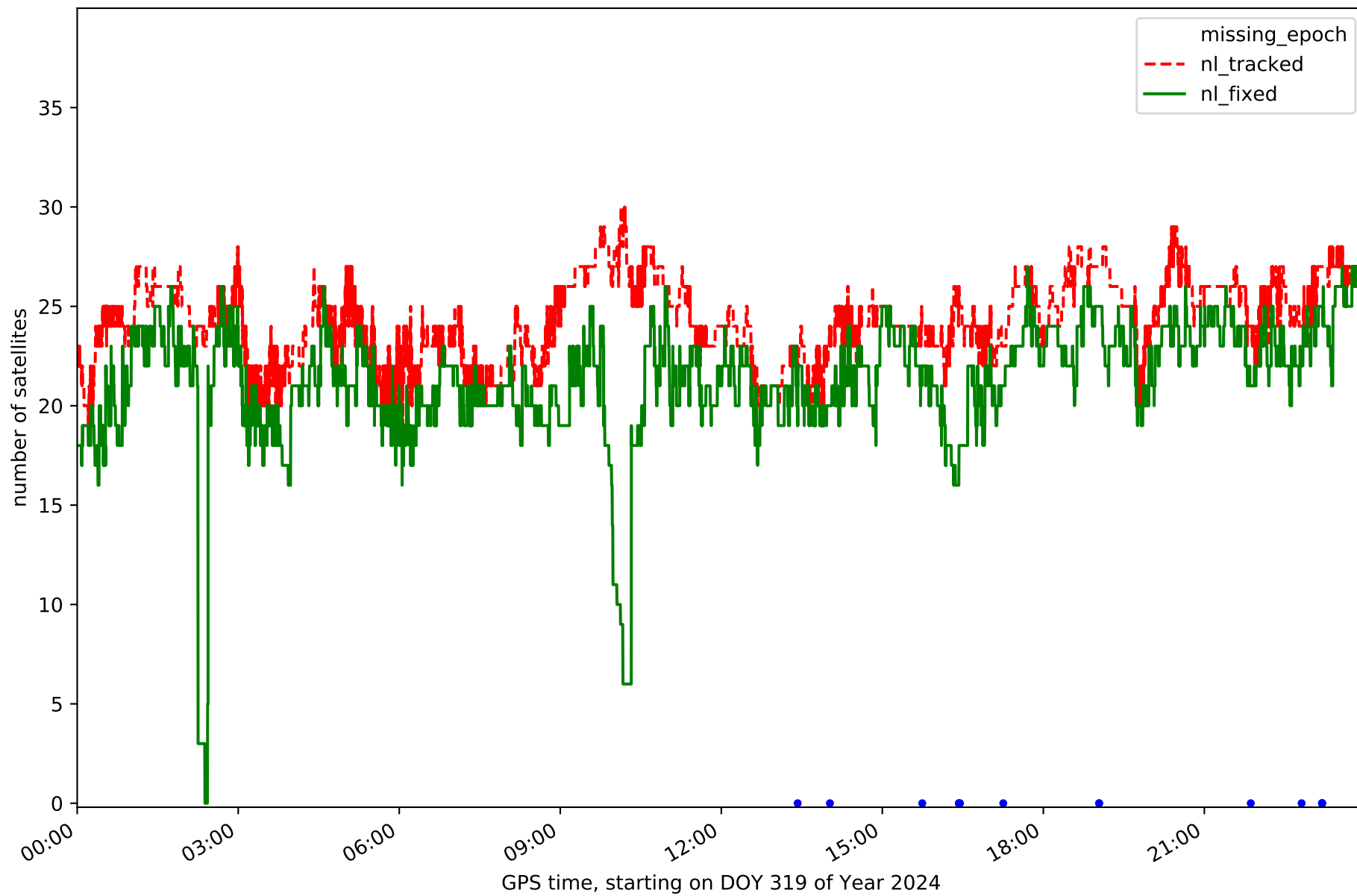
Station IGNE in network NET1



Station MAD1 in network NET1

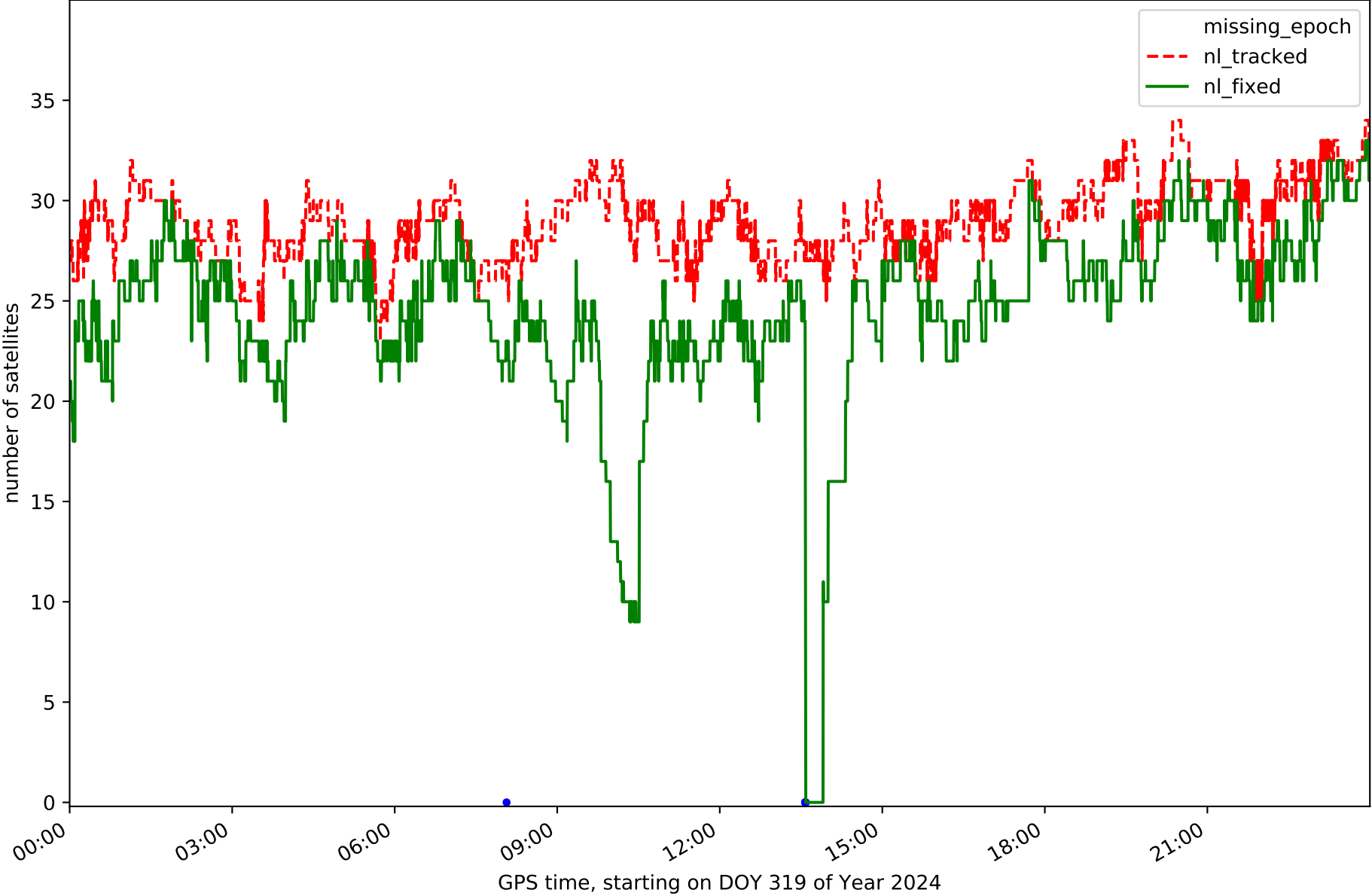


Station ORUS in network NET1

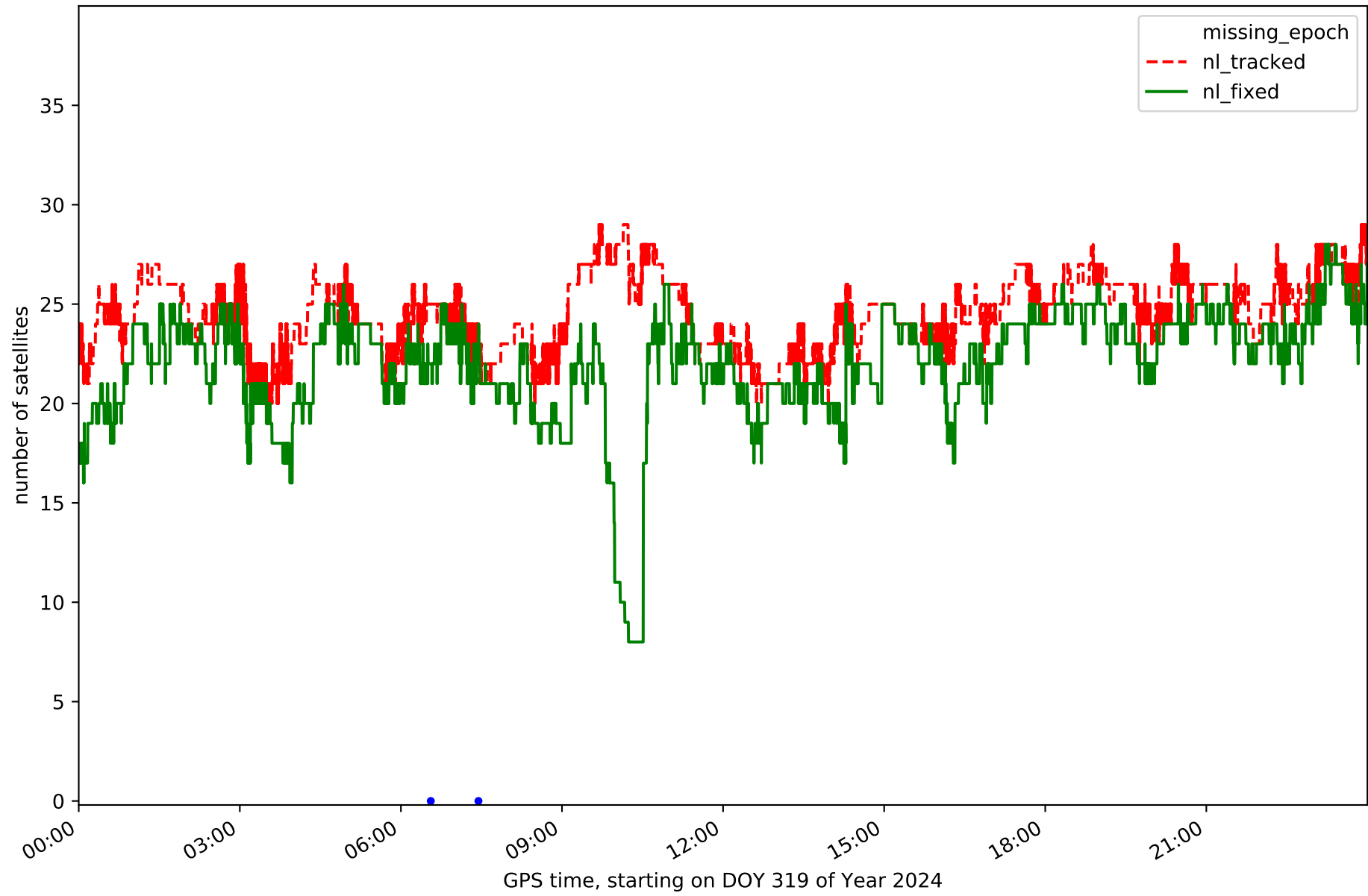




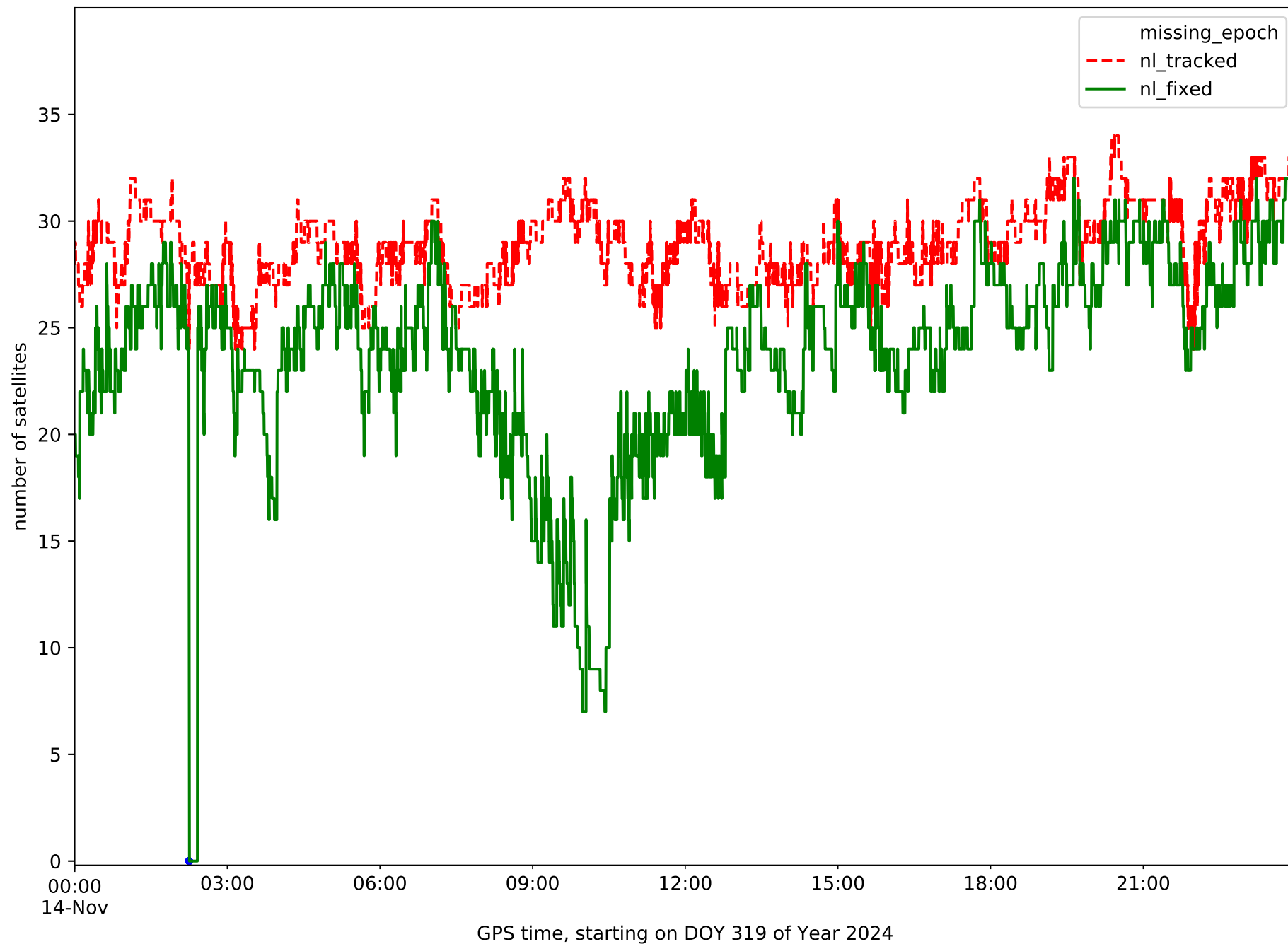
Station PEN1 in network NET1



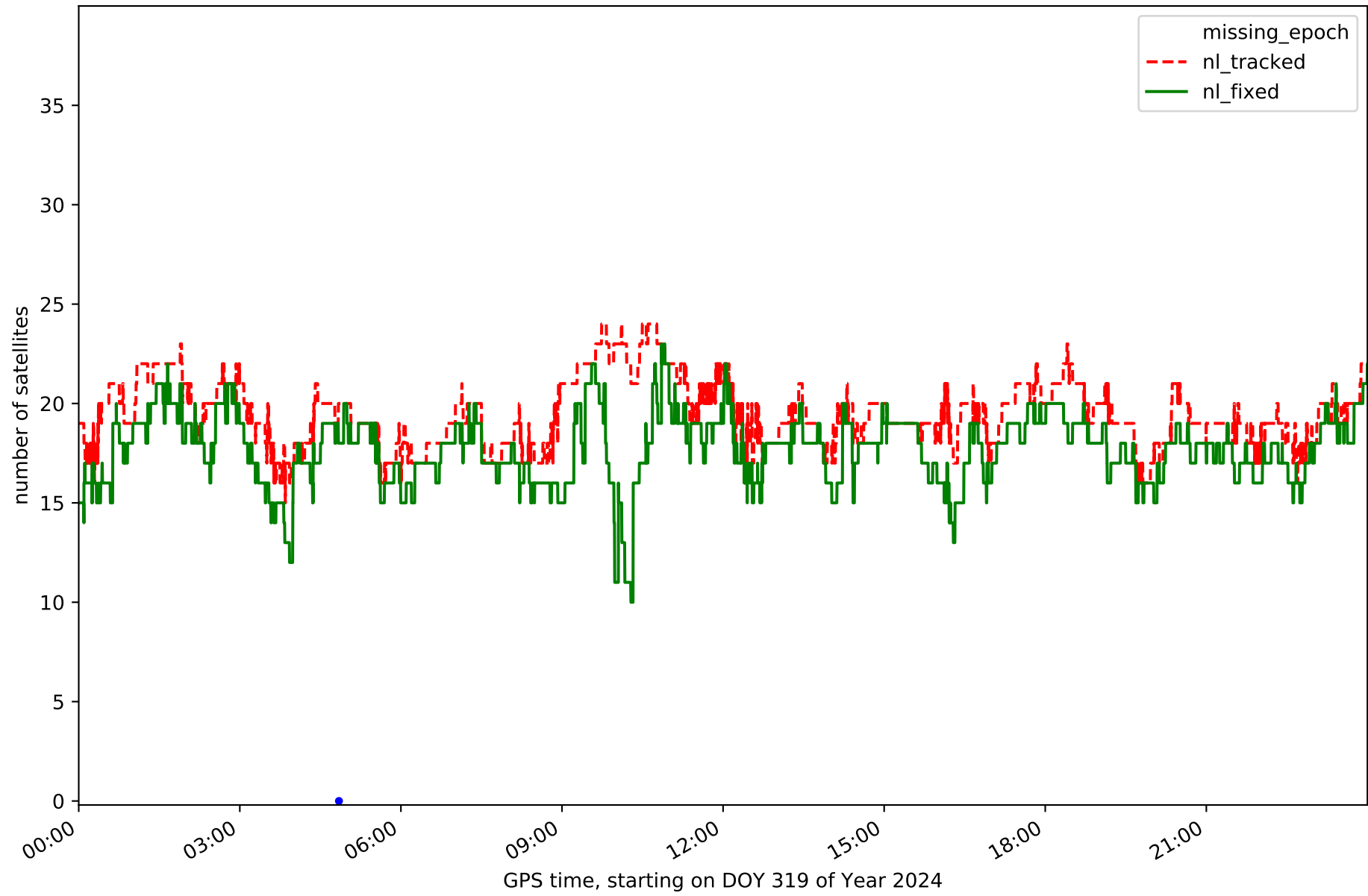
Station RIA1 in network NET1



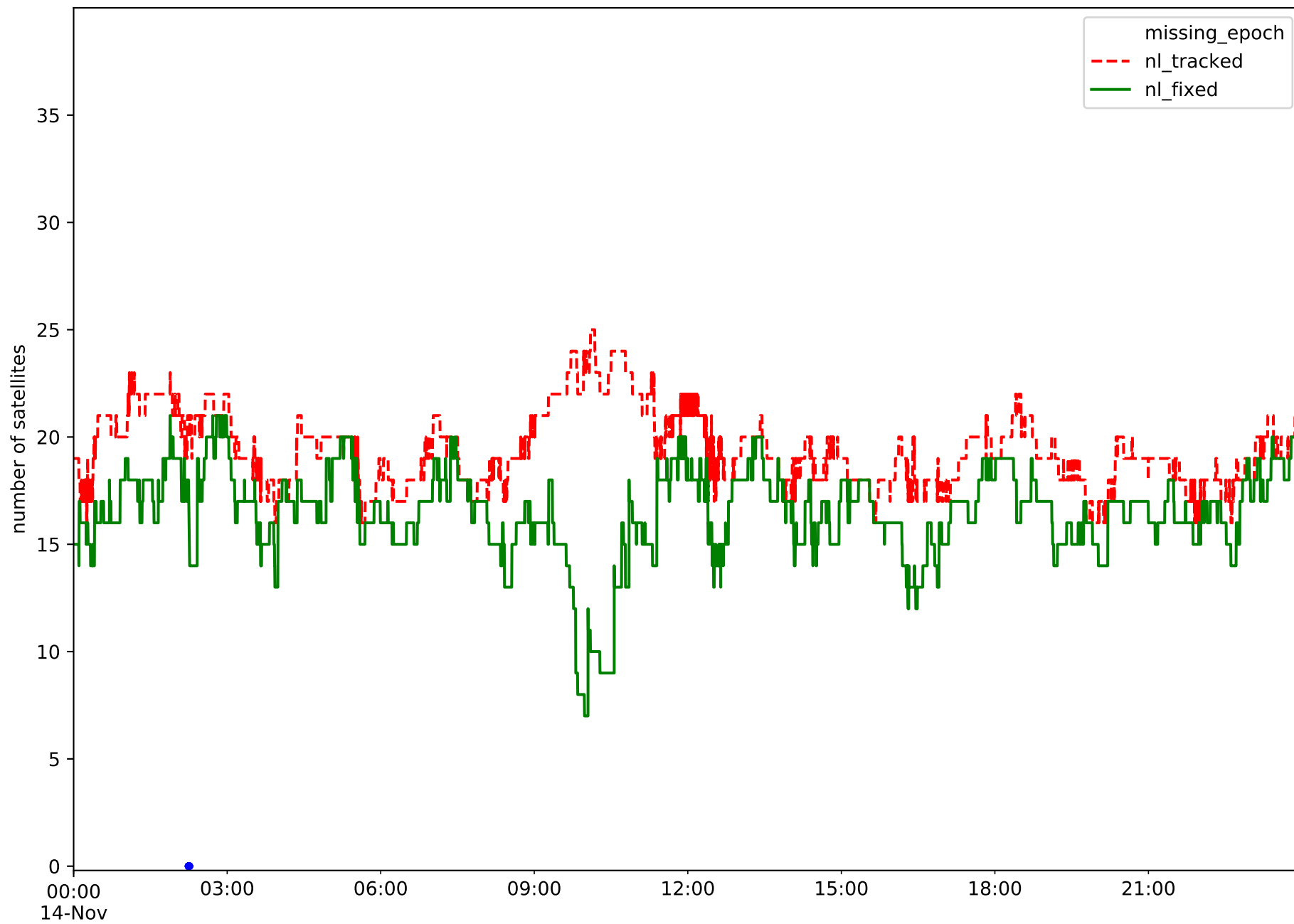
Station SGVA in network NET1



Station SMDV in network NET1

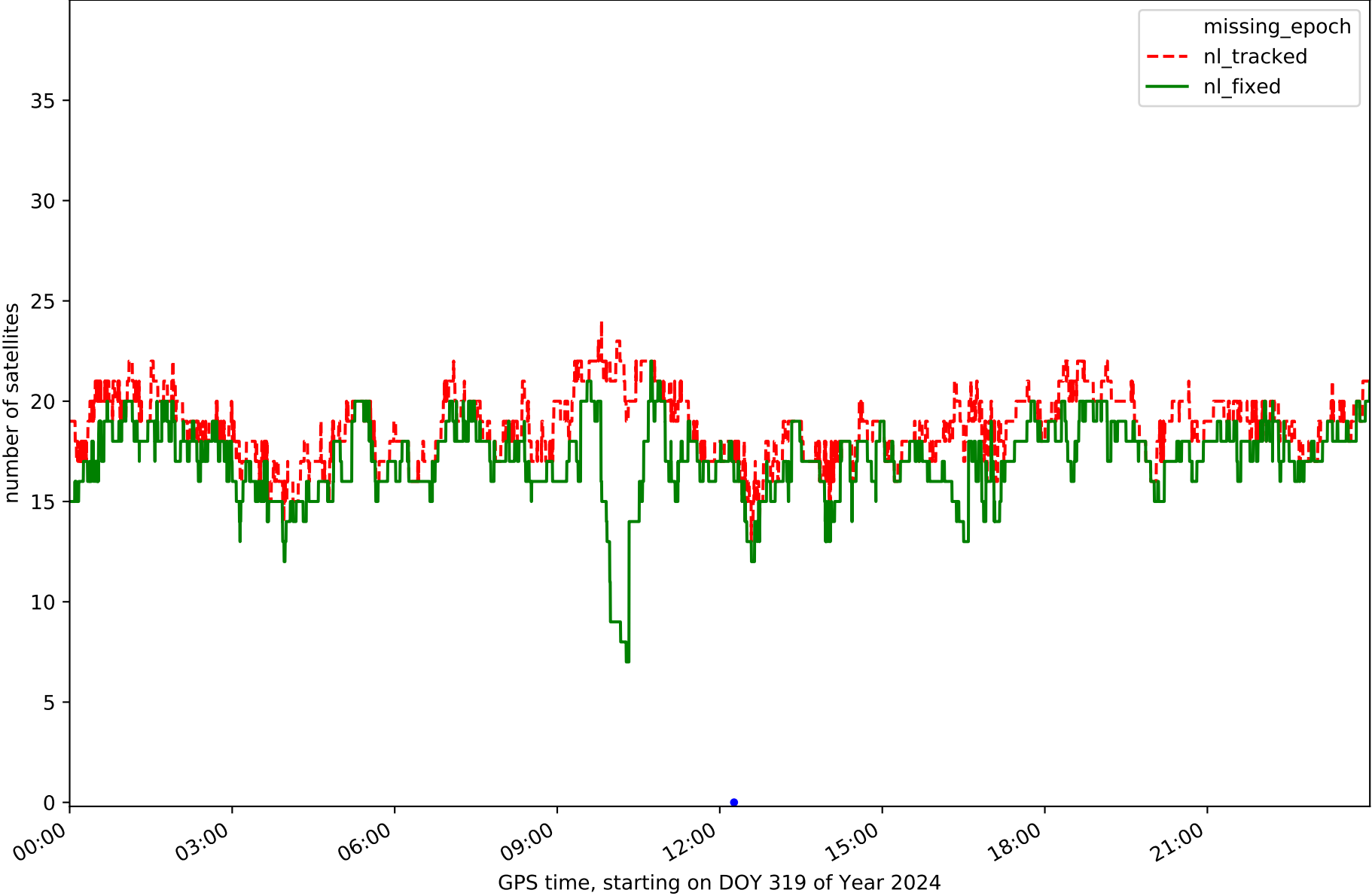


Station TALV in network NET1

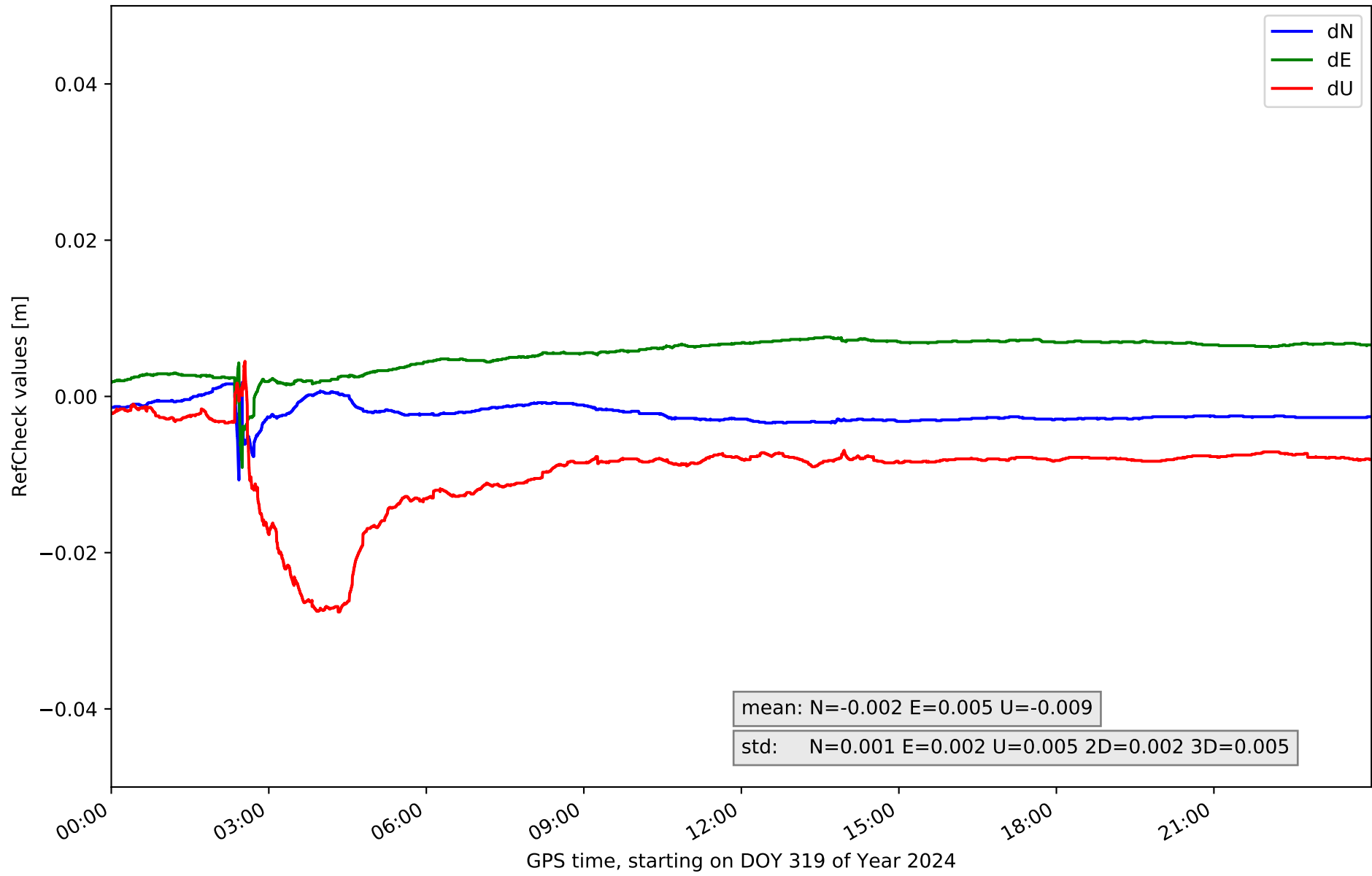


GPS time, starting on DOY 319 of Year 2024

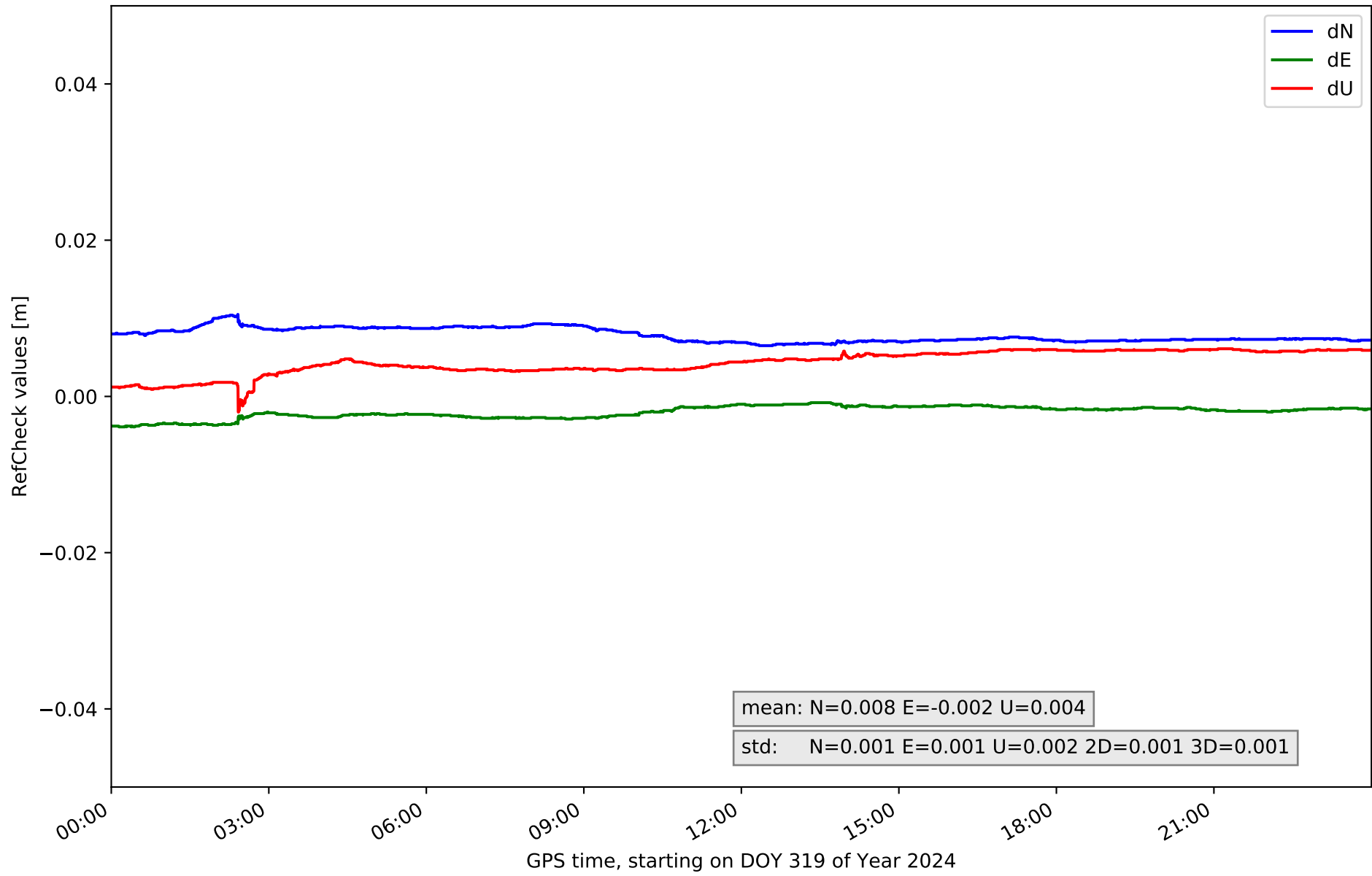
Station YEB1 in network NET1



# RefCheck for station AJAL in network NET1

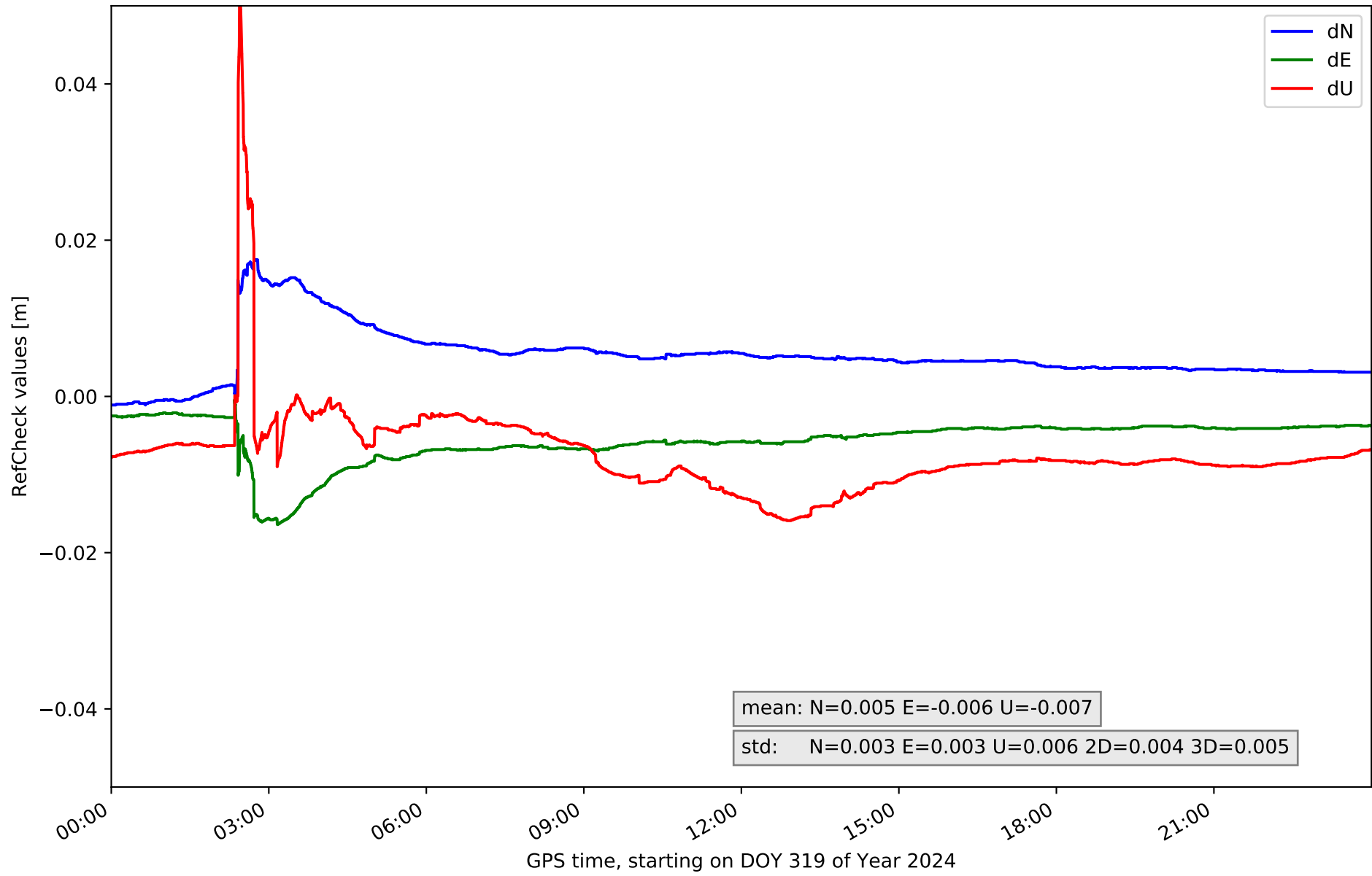


# RefCheck for station ARAJ in network NET1

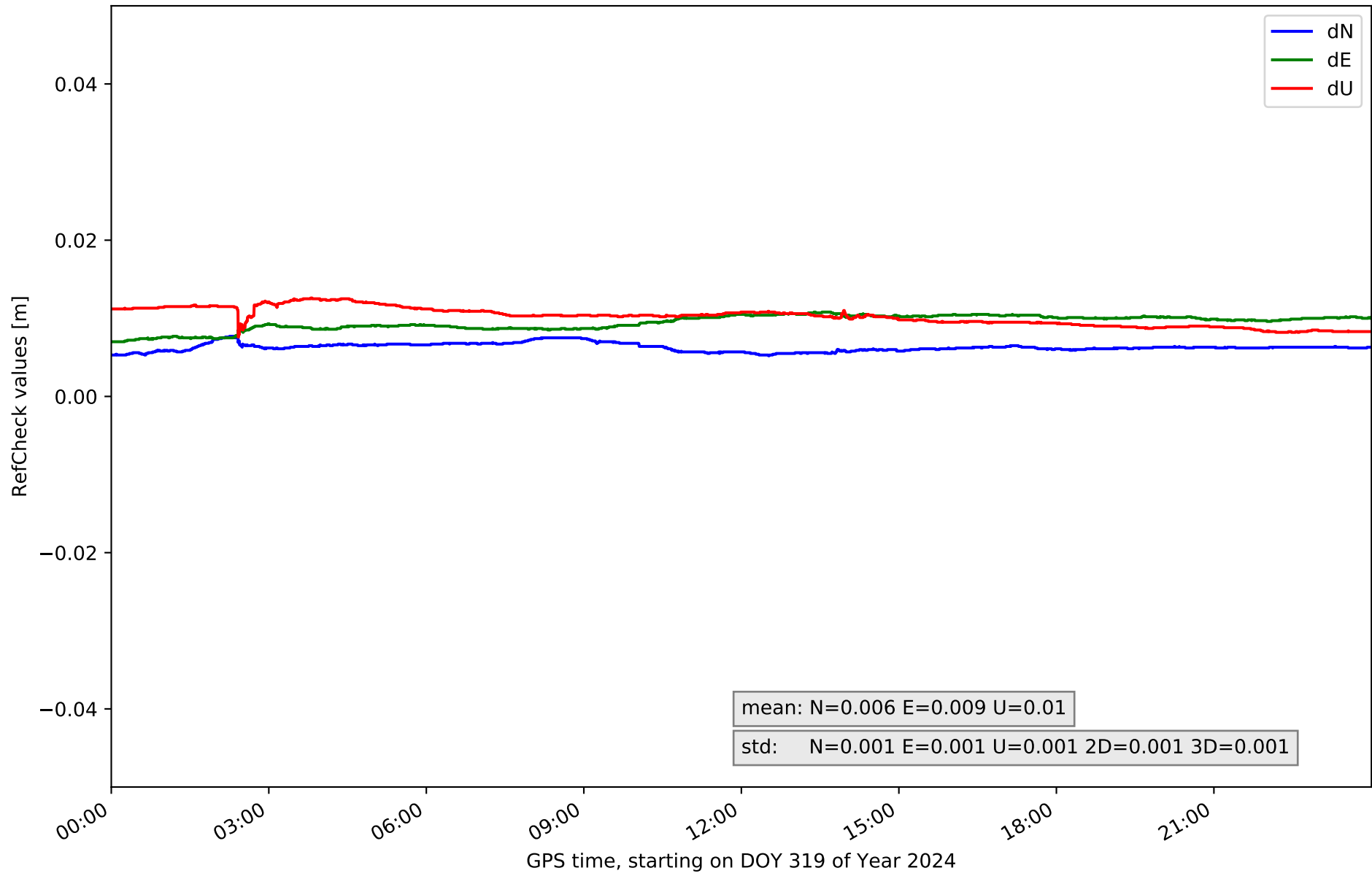




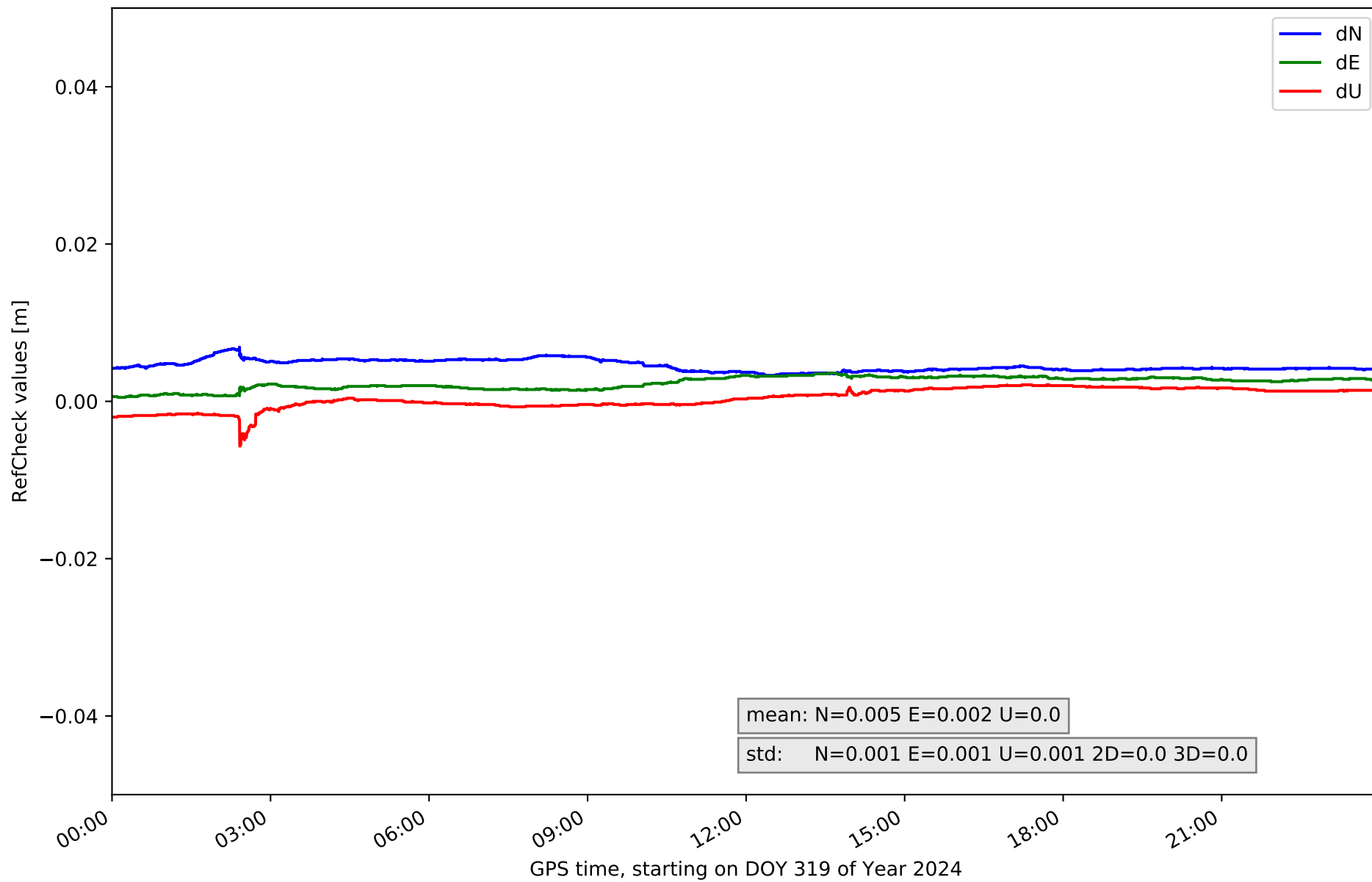
# RefCheck for station AVI2 in network NET1



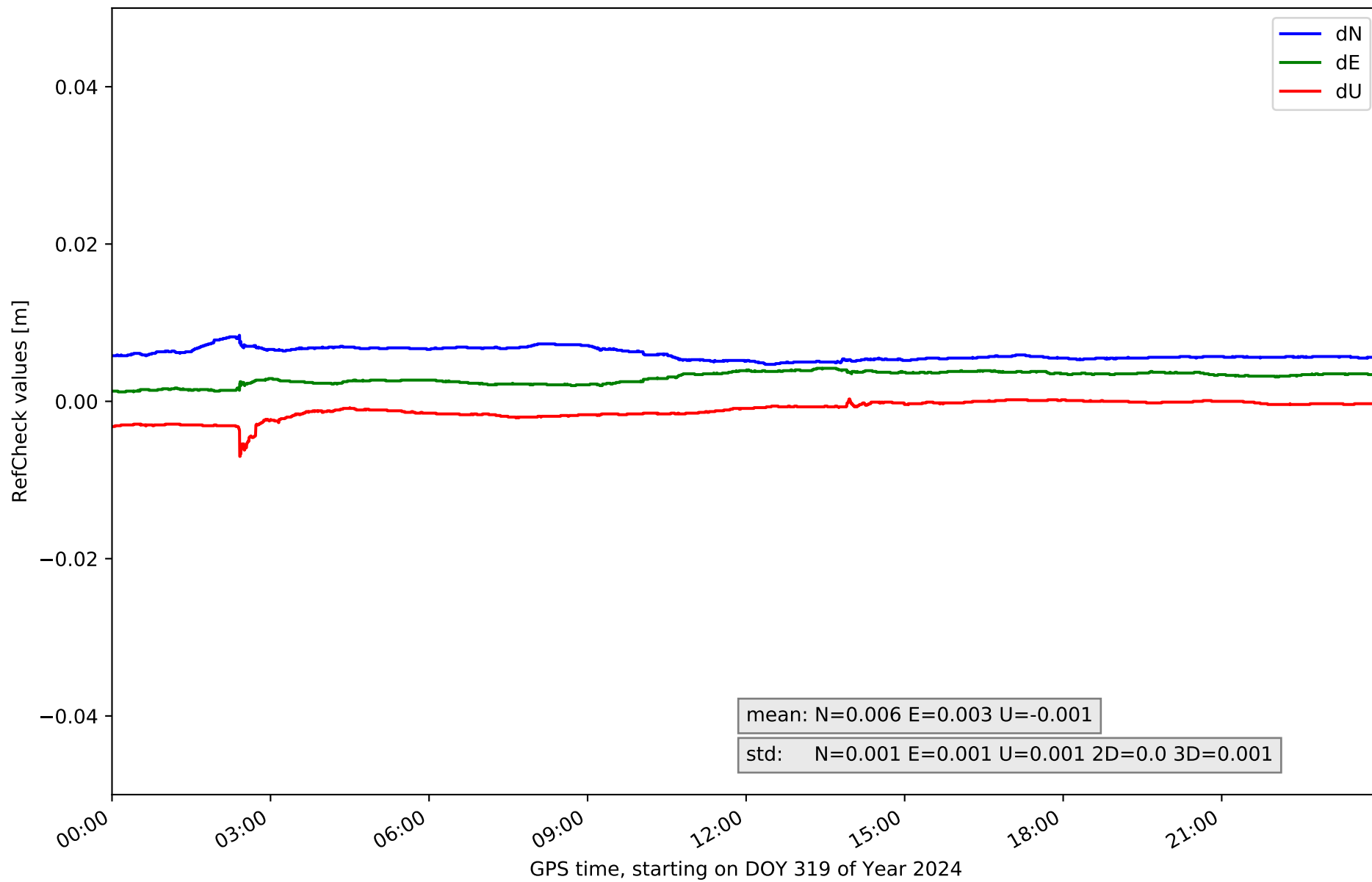
# RefCheck for station BUIT in network NET1



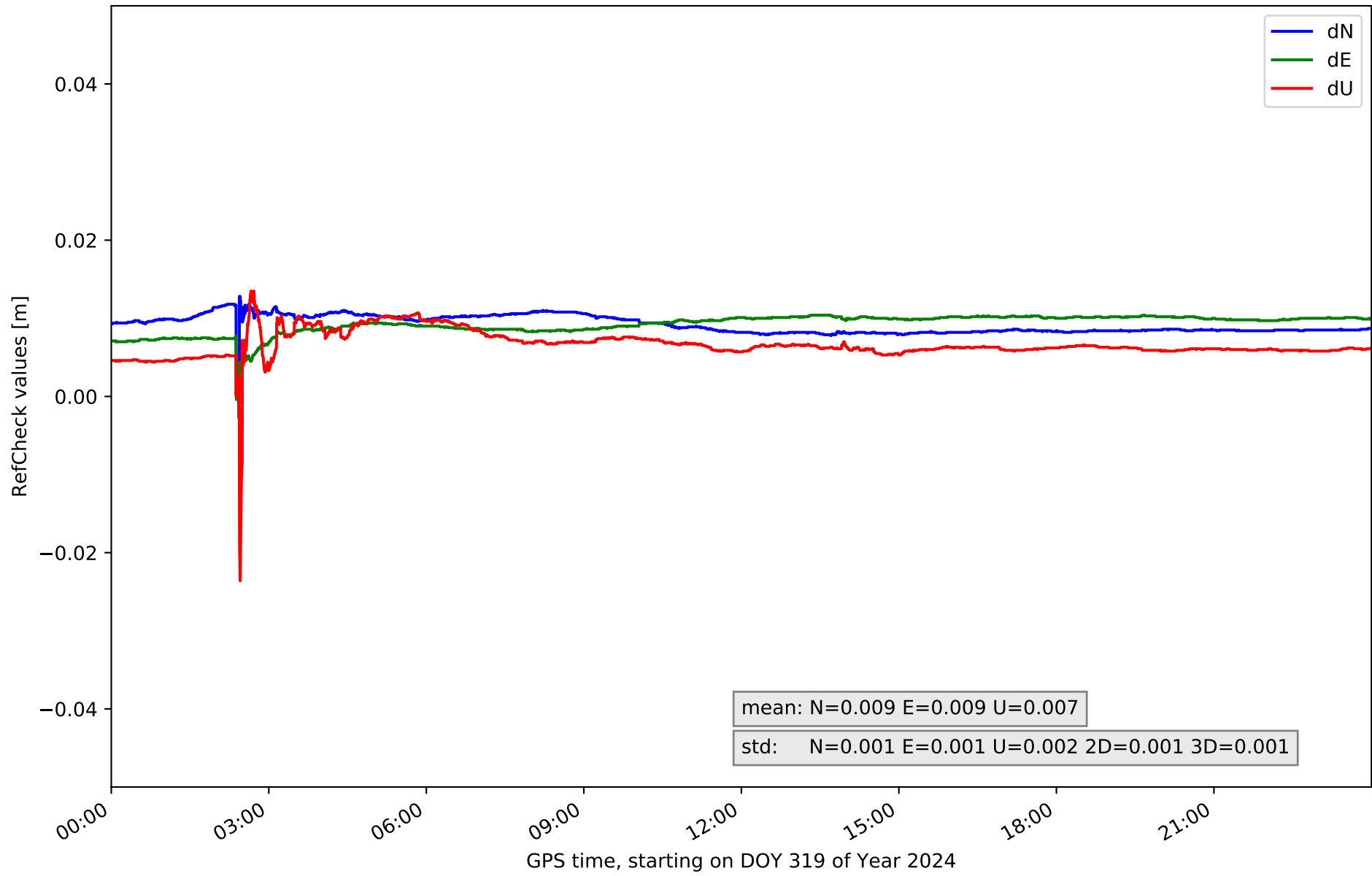
# RefCheck for station IGNE in network NET1



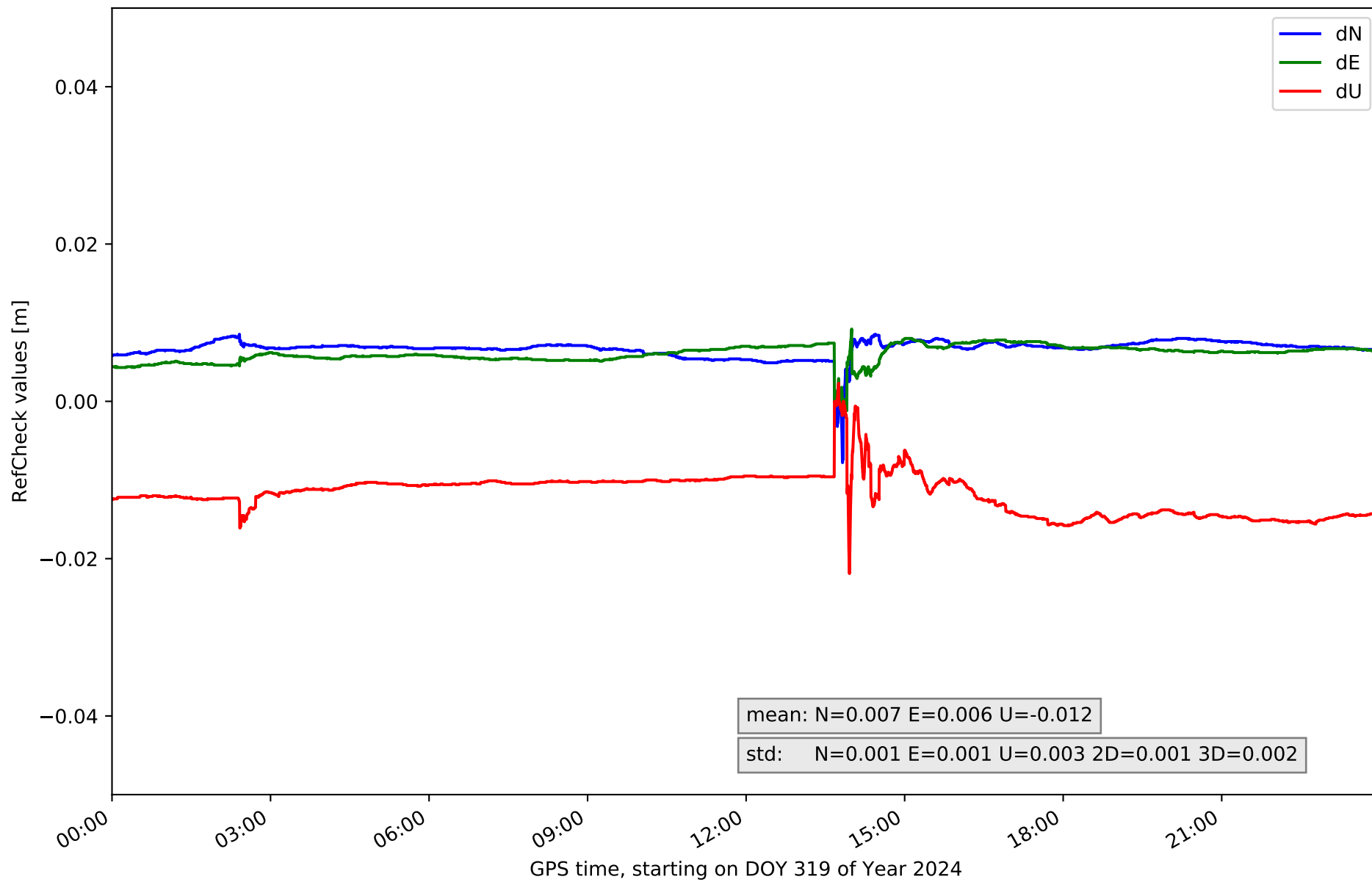
### RefCheck for station MAD1 in network NET1



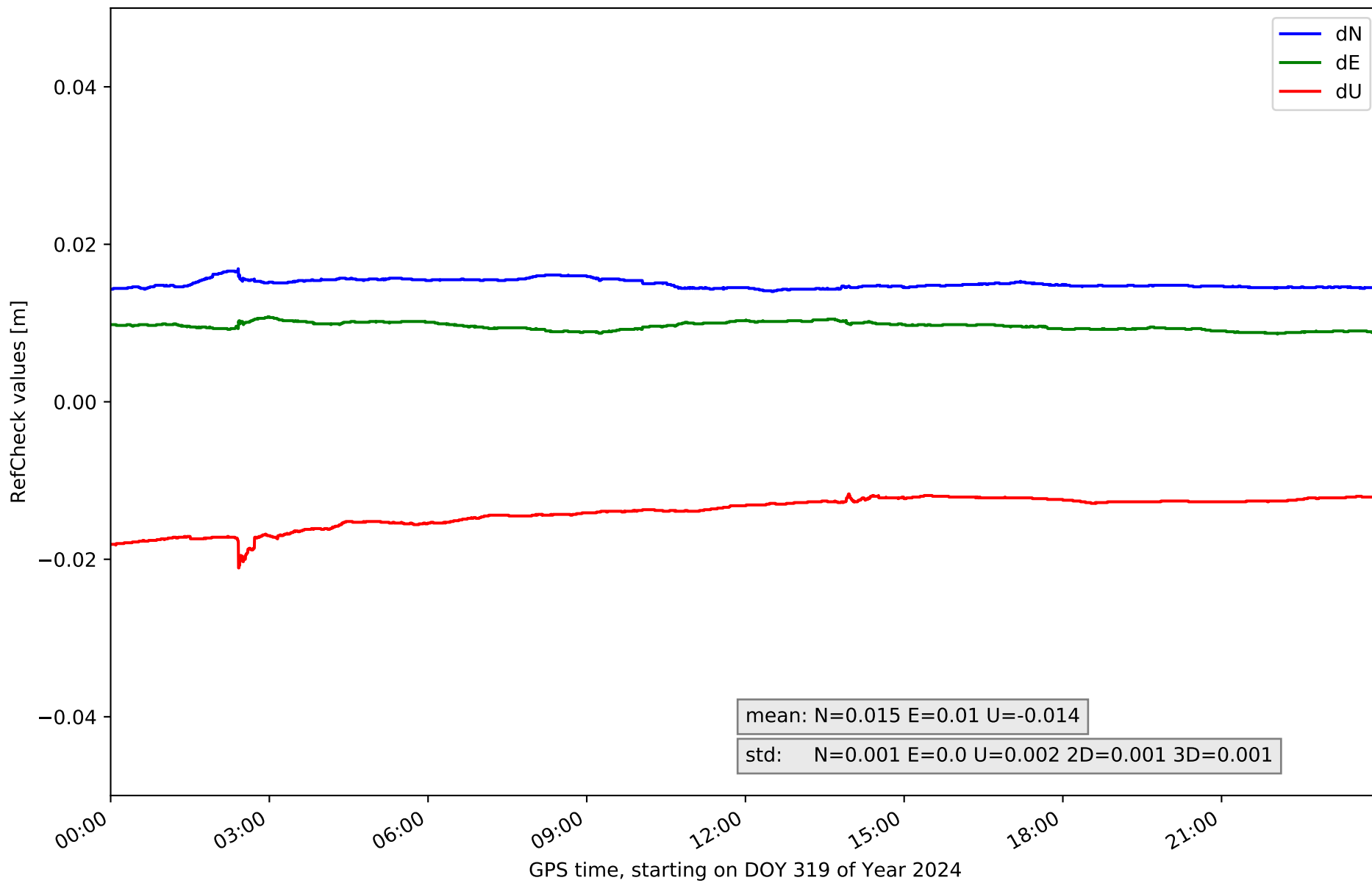
# RefCheck for station ORUS in network NET1



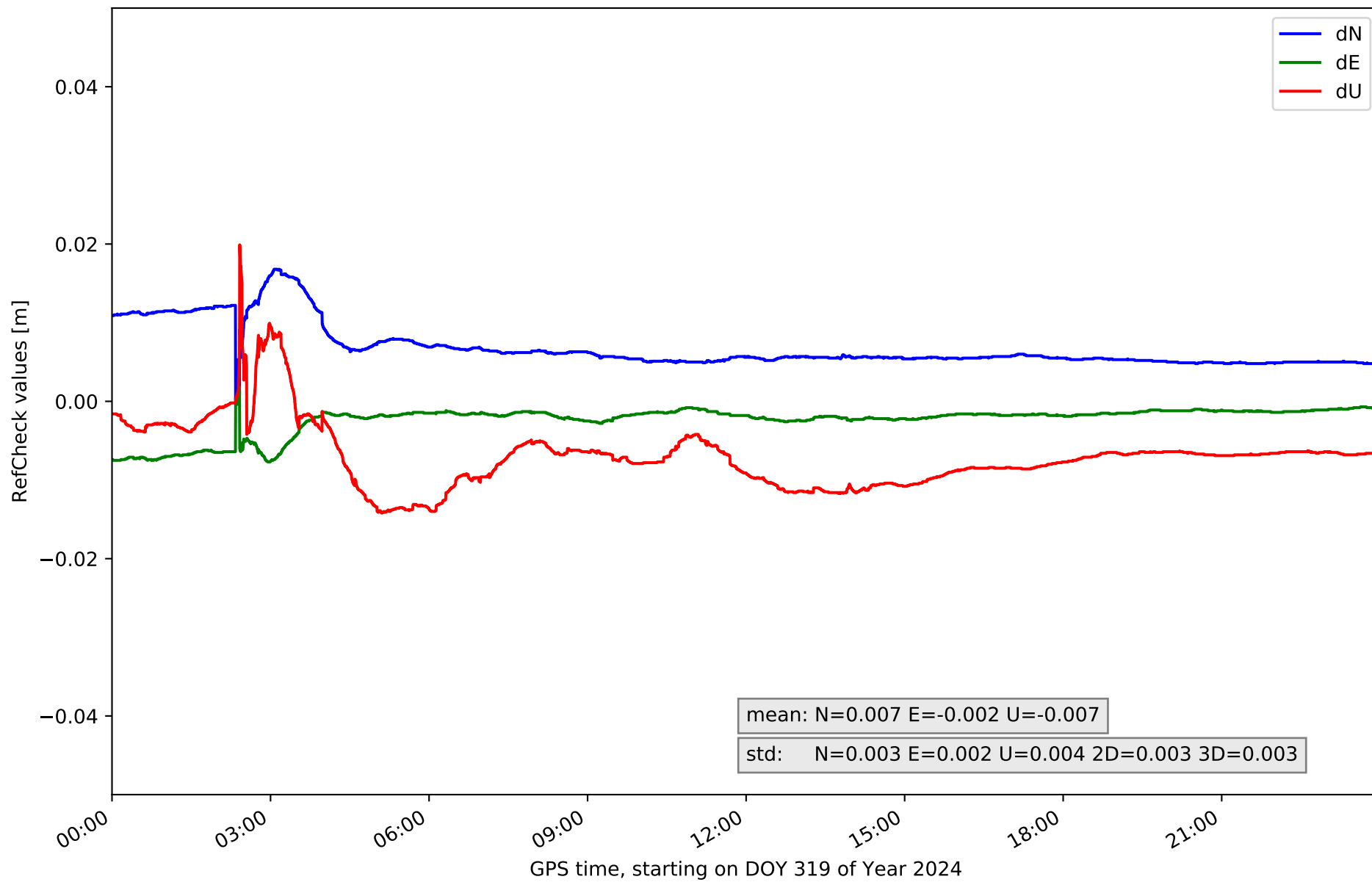
# RefCheck for station PEN1 in network NET1



### RefCheck for station RIA1 in network NET1

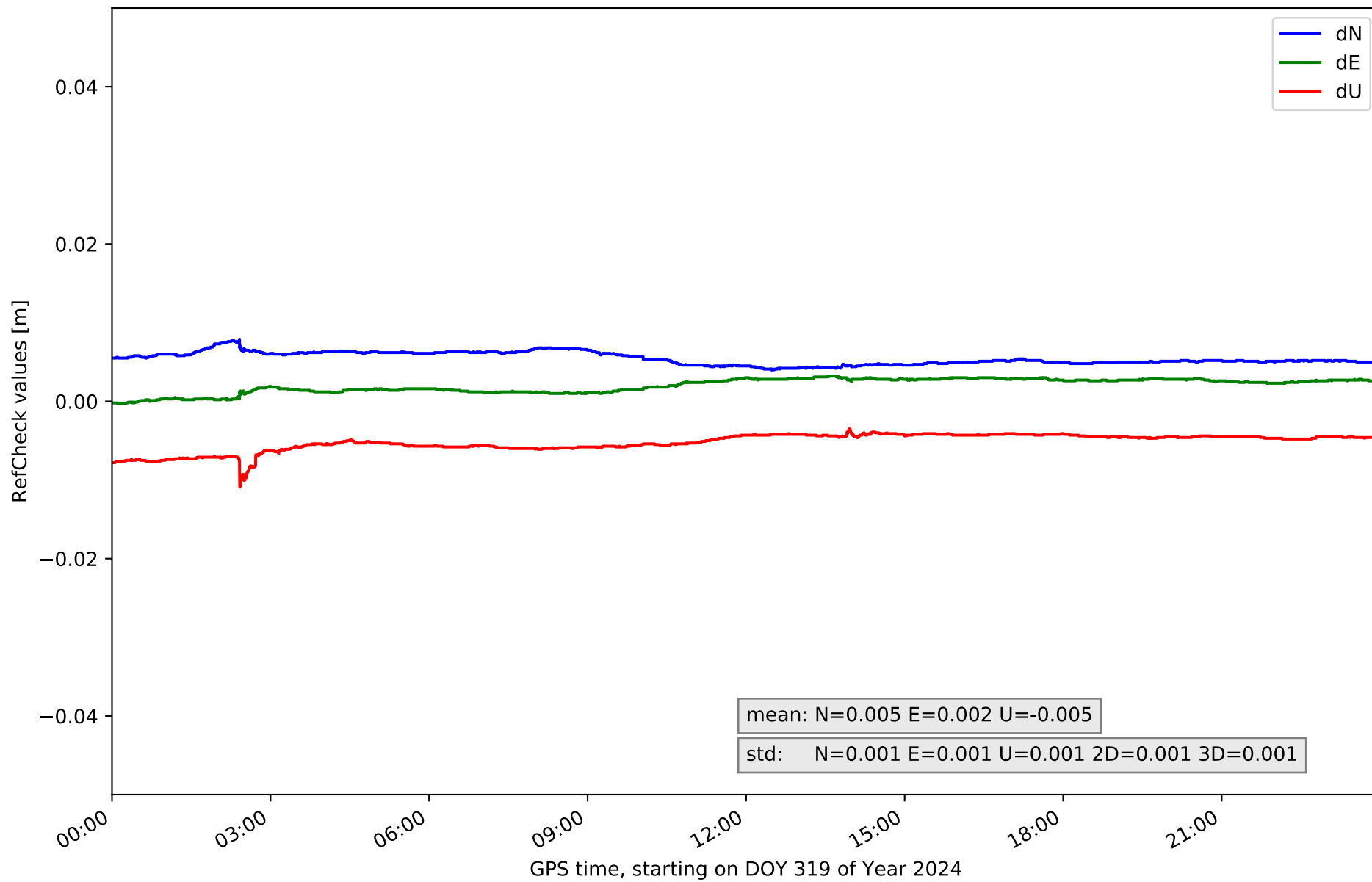


### RefCheck for station SGVA in network NET1

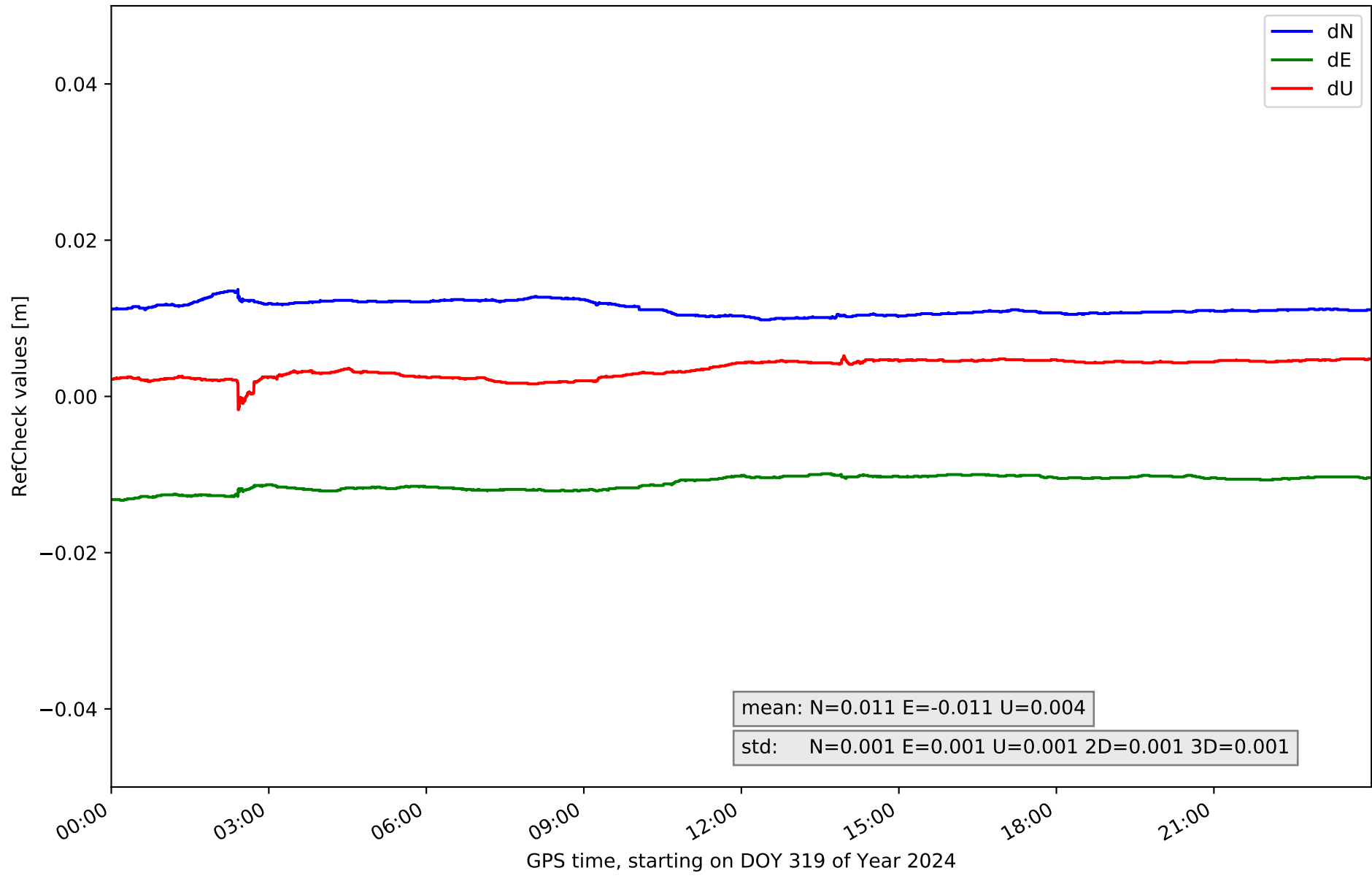




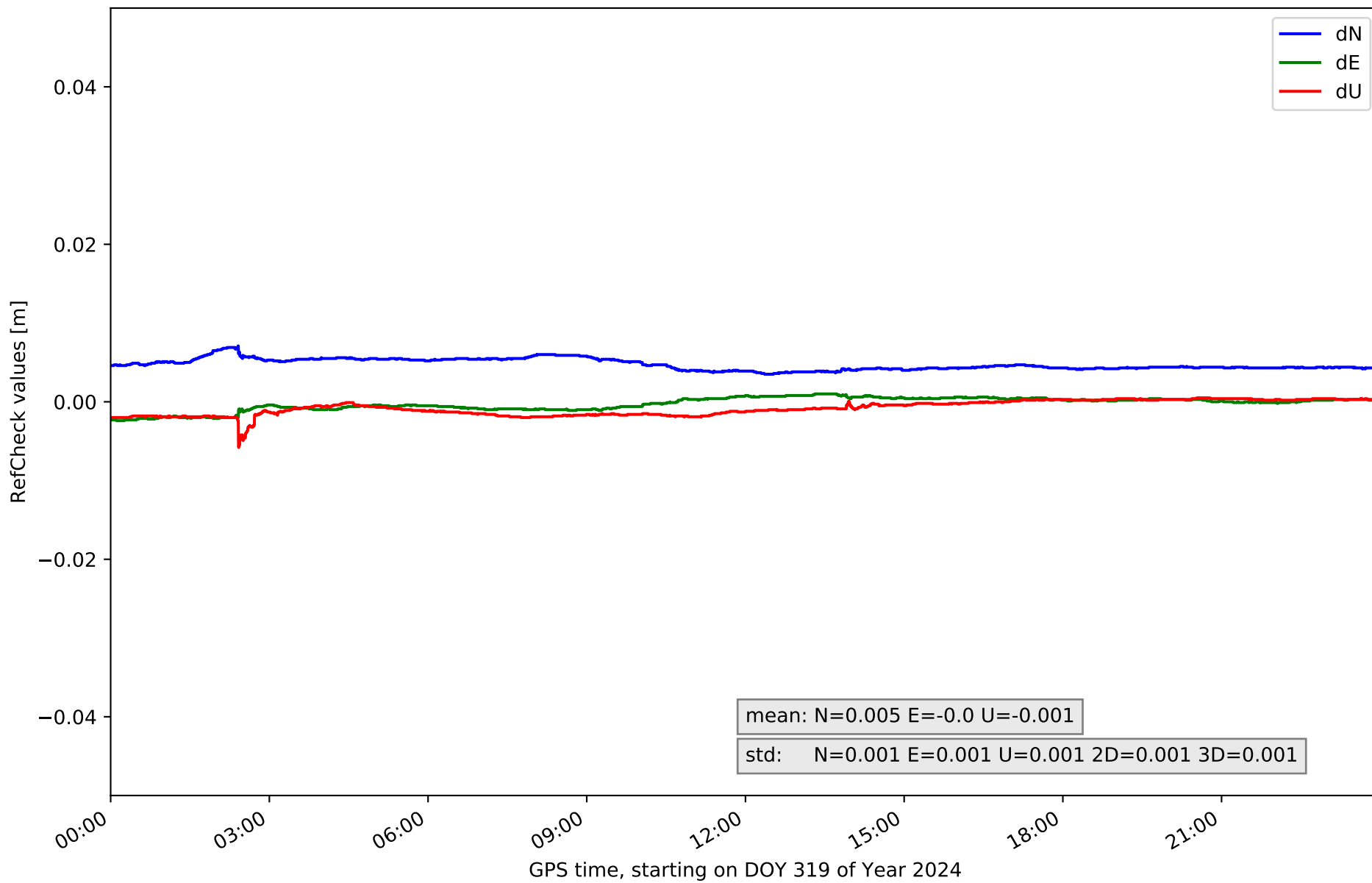
### RefCheck for station SMDV in network NET1



# RefCheck for station TALV in network NET1



# RefCheck for station YEB1 in network NET1



## RefCheck values for network NET1

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01     | % 2D > 0.01  | #3D > 0.02    | % 3D > 0.02  |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|----------------|--------------|---------------|--------------|
| AJAL           | -0.011        | 0.002        | 0.001        | -0.009        | 0.008        | 0.002        | -0.028        | 0.004        | 0.005        | 0.002        | 0.005        | 32             | 0.0          | 4965          | 6.5          |
| ARAJ           | 0.006         | 0.011        | 0.001        | -0.004        | -0.001       | 0.001        | -0.002        | 0.006        | 0.002        | 0.001        | 0.001        | 1966           | 2.6          | 0             | 0.0          |
| AVI2           | -0.001        | 0.018        | 0.003        | -0.016        | -0.0         | 0.003        | -0.016        | 0.052        | 0.006        | 0.004        | 0.005        | 11184          | 14.6         | 3922          | 5.1          |
| BUIT           | 0.005         | 0.008        | 0.001        | 0.007         | 0.011        | 0.001        | 0.008         | 0.013        | 0.001        | 0.001        | 0.001        | 70980          | 92.8         | 0             | 0.0          |
| IGNE           | 0.003         | 0.007        | 0.001        | 0.001         | 0.004        | 0.001        | -0.006        | 0.002        | 0.001        | 0.0          | 0.0          | 0              | 0.0          | 0             | 0.0          |
| MAD1           | 0.005         | 0.008        | 0.001        | 0.001         | 0.004        | 0.001        | -0.007        | 0.0          | 0.001        | 0.0          | 0.001        | 0              | 0.0          | 0             | 0.0          |
| ORUS           | -0.0          | 0.013        | 0.001        | -0.002        | 0.01         | 0.001        | -0.024        | 0.013        | 0.002        | 0.001        | 0.001        | 76310          | 99.8         | 84            | 0.1          |
| PEN1           | -0.008        | 0.009        | 0.001        | -0.001        | 0.009        | 0.001        | -0.022        | 0.002        | 0.003        | 0.001        | 0.002        | 13001          | 17.0         | 60            | 0.1          |
| RIA1           | 0.014         | 0.017        | 0.001        | 0.009         | 0.011        | 0.0          | -0.021        | -0.012       | 0.002        | 0.001        | 0.001        | 76479          | 100.0        | 76479         | 100.0        |
| SGVA           | 0.0           | 0.017        | 0.003        | -0.008        | 0.002        | 0.002        | -0.014        | 0.02         | 0.004        | 0.003        | 0.003        | 12306          | 16.1         | 495           | 0.6          |
| SMDV           | 0.004         | 0.008        | 0.001        | -0.0          | 0.003        | 0.001        | -0.011        | -0.004       | 0.001        | 0.001        | 0.001        | 0              | 0.0          | 0             | 0.0          |
| TALV           | 0.01          | 0.014        | 0.001        | -0.013        | -0.01        | 0.001        | -0.002        | 0.005        | 0.001        | 0.001        | 0.001        | 76479          | 100.0        | 0             | 0.0          |
| YEB1           | 0.004         | 0.007        | 0.001        | -0.002        | 0.001        | 0.001        | -0.006        | 0.001        | 0.001        | 0.001        | 0.001        | 0              | 0.0          | 0             | 0.0          |
| <b>Mean</b>    | <b>0.002</b>  | <b>0.011</b> | <b>0.001</b> | <b>-0.003</b> | <b>0.004</b> | <b>0.001</b> | <b>-0.012</b> | <b>0.008</b> | <b>0.002</b> | <b>0.001</b> | <b>0.002</b> | <b>26056.7</b> | <b>34.1</b>  | <b>6615.8</b> | <b>8.6</b>   |
| <b>Min/Max</b> | <b>-0.011</b> | <b>0.018</b> | <b>0.003</b> | <b>-0.016</b> | <b>0.011</b> | <b>0.003</b> | <b>-0.028</b> | <b>0.052</b> | <b>0.006</b> | <b>0.004</b> | <b>0.005</b> | <b>76479</b>   | <b>100.0</b> | <b>76479</b>  | <b>100.0</b> |

fixing statistic for network NET1

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 89.1     | 92.5 | 90.8 | 91.5 | 82.5 |
| considering satellites with dual-frequency fixed | 86.8     | 89.0 | 87.7 | 87.9 | 81.4 |
| considering all signals separately               | 86.9     | 89.0 | 87.7 | 88.1 | 80.3 |