

## summary for network NET5

timeperiod chosen: from 2024-07-01-00:00:00 until 2024-07-01-23:59:59

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

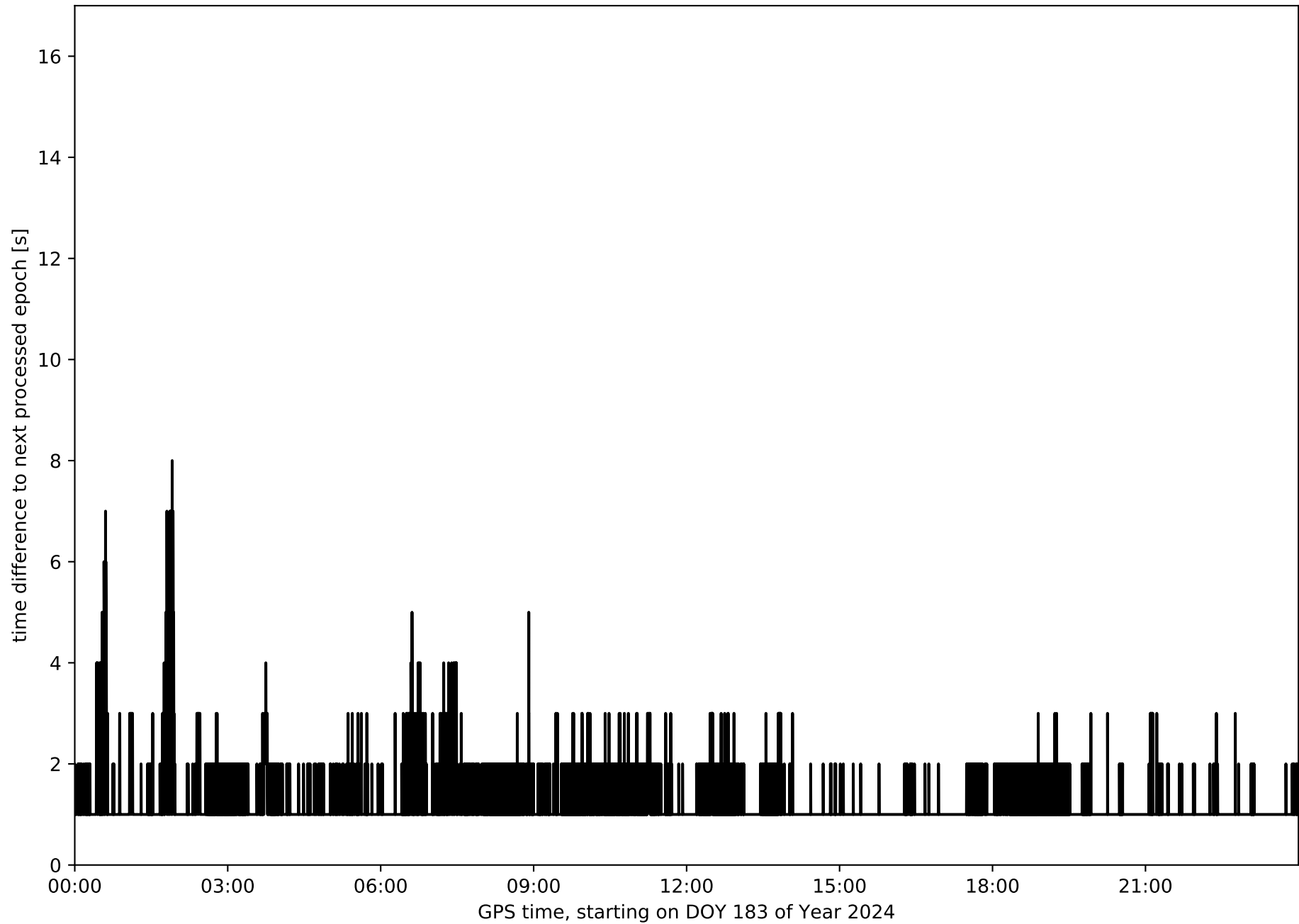
average fixing percentage with threshold set to 0.3: 94.3 percent

stations available: 15 of 15

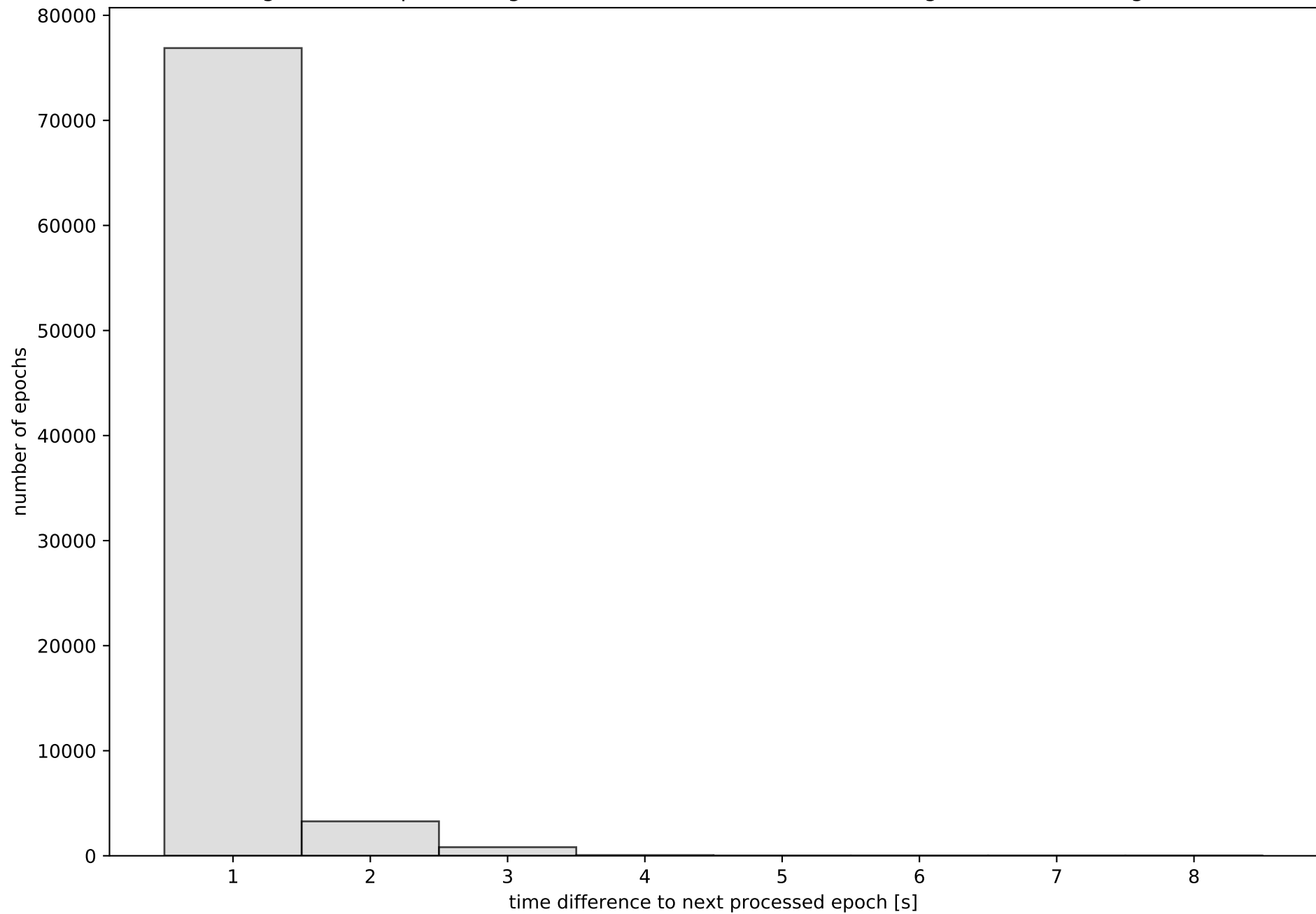
station information:

|               |                              |                              |                  |
|---------------|------------------------------|------------------------------|------------------|
| station AGRD: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 1010.813 |
| station ALMZ: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50         | height: 1019.452 |
| station ARDU: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50         | height: 844.466  |
| station CALA: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GRX1200GGPRO | height: 942.154  |
| station CALH: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 411.39   |
| station CAS0: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR30         | height: 564.198  |
| station CATY: | antenna: GPPNULLANTENNA NONE | receiver: TPS NET-G3         | height: 597.734  |
| station CERV: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 723.317  |
| station CRNA: | antenna: GPPNULLANTENNA NONE | receiver: TPS NET-G3A        | height: 649.433  |
| station LERM: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9      | height: 926.169  |
| station QINT: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9      | height: 1191.829 |
| station QNTO: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 216.666  |
| station SORI: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 1135.68  |
| station SROM: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 1150.486 |
| station VTRO: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 1626.177 |

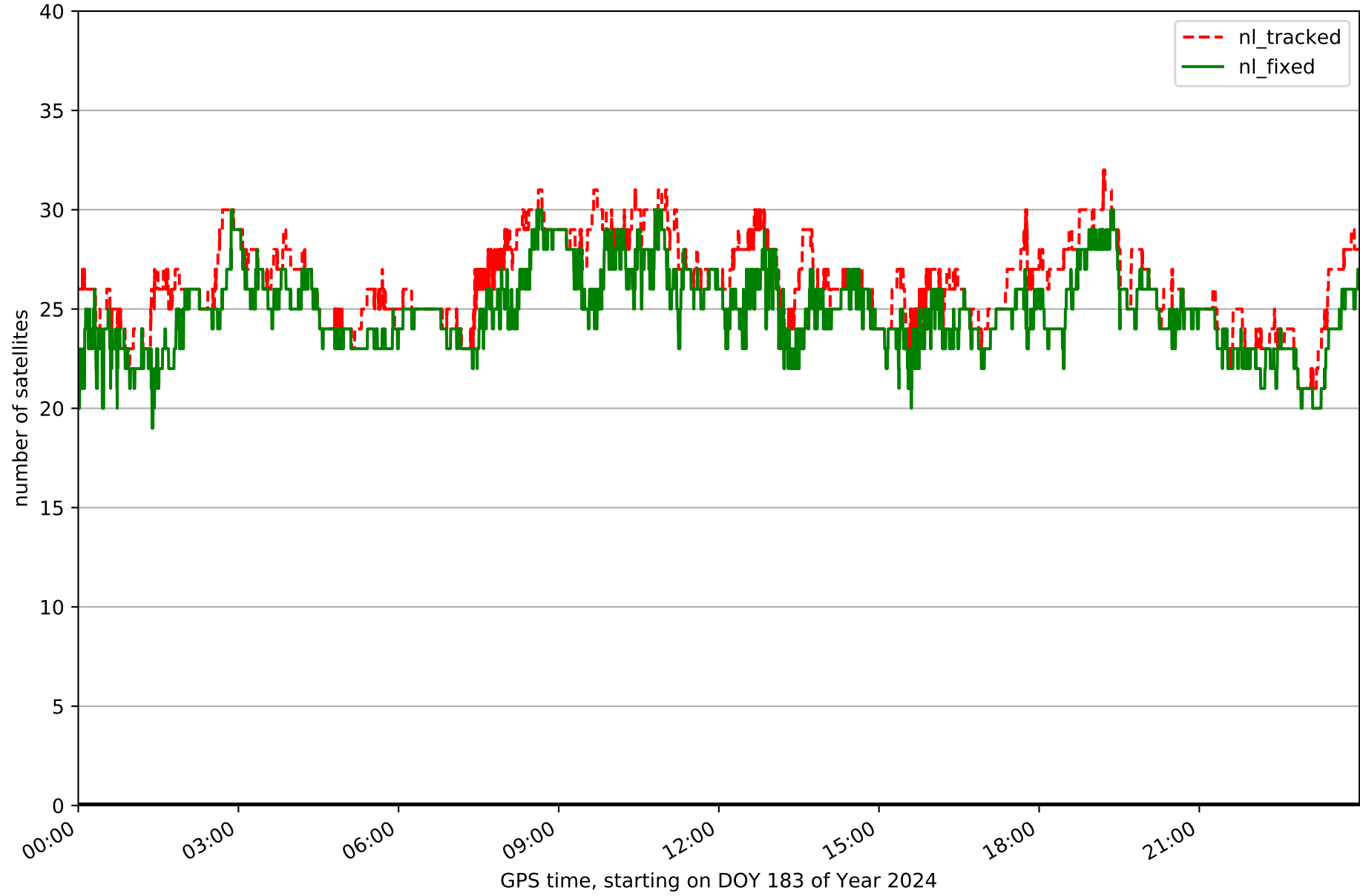
Processing rate in network NET5



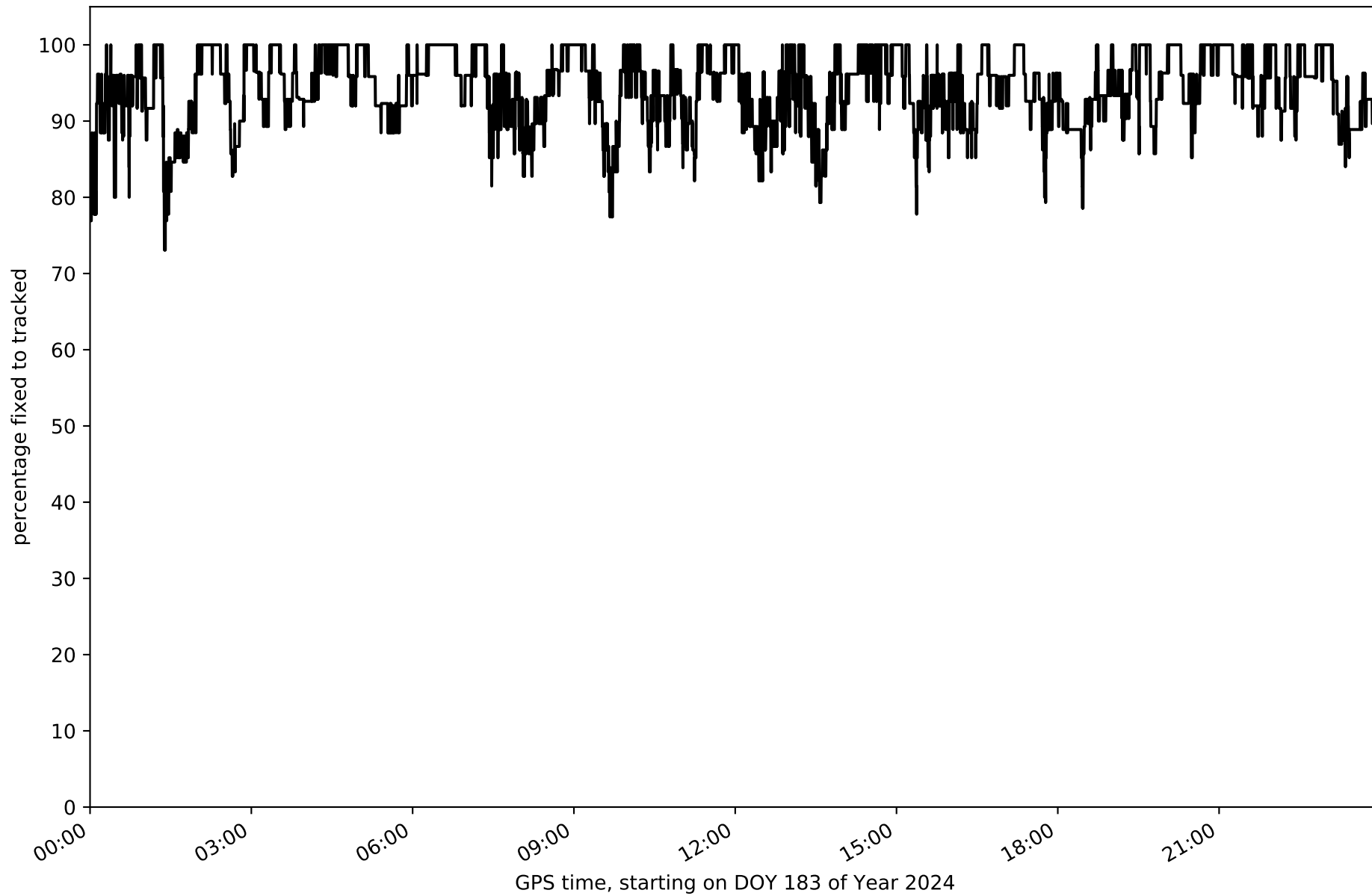
Histogram of the processing rate in network NET5 (durations larger 15 seconds neglected)



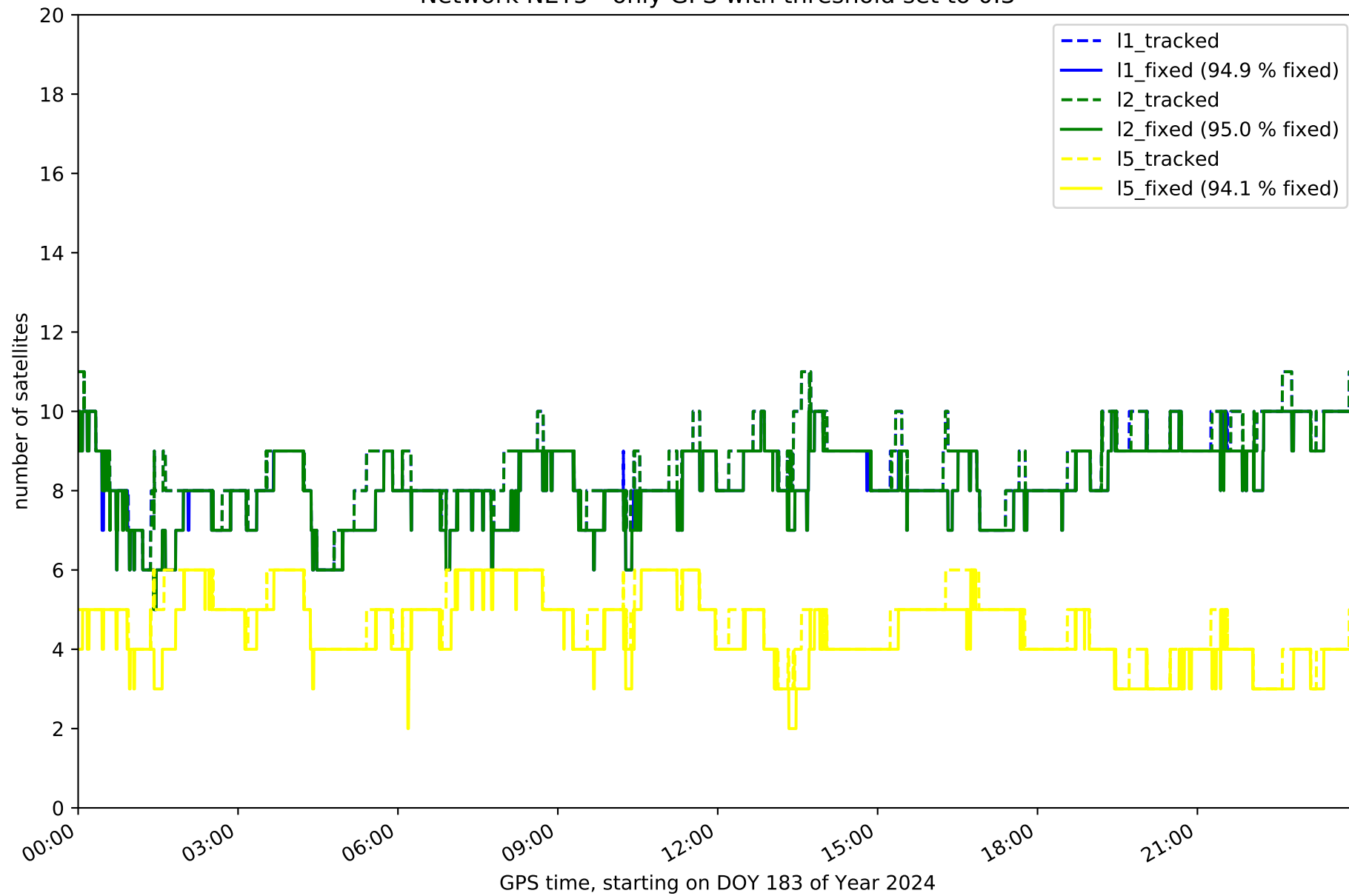
Network NET5 with threshold set to 0.3



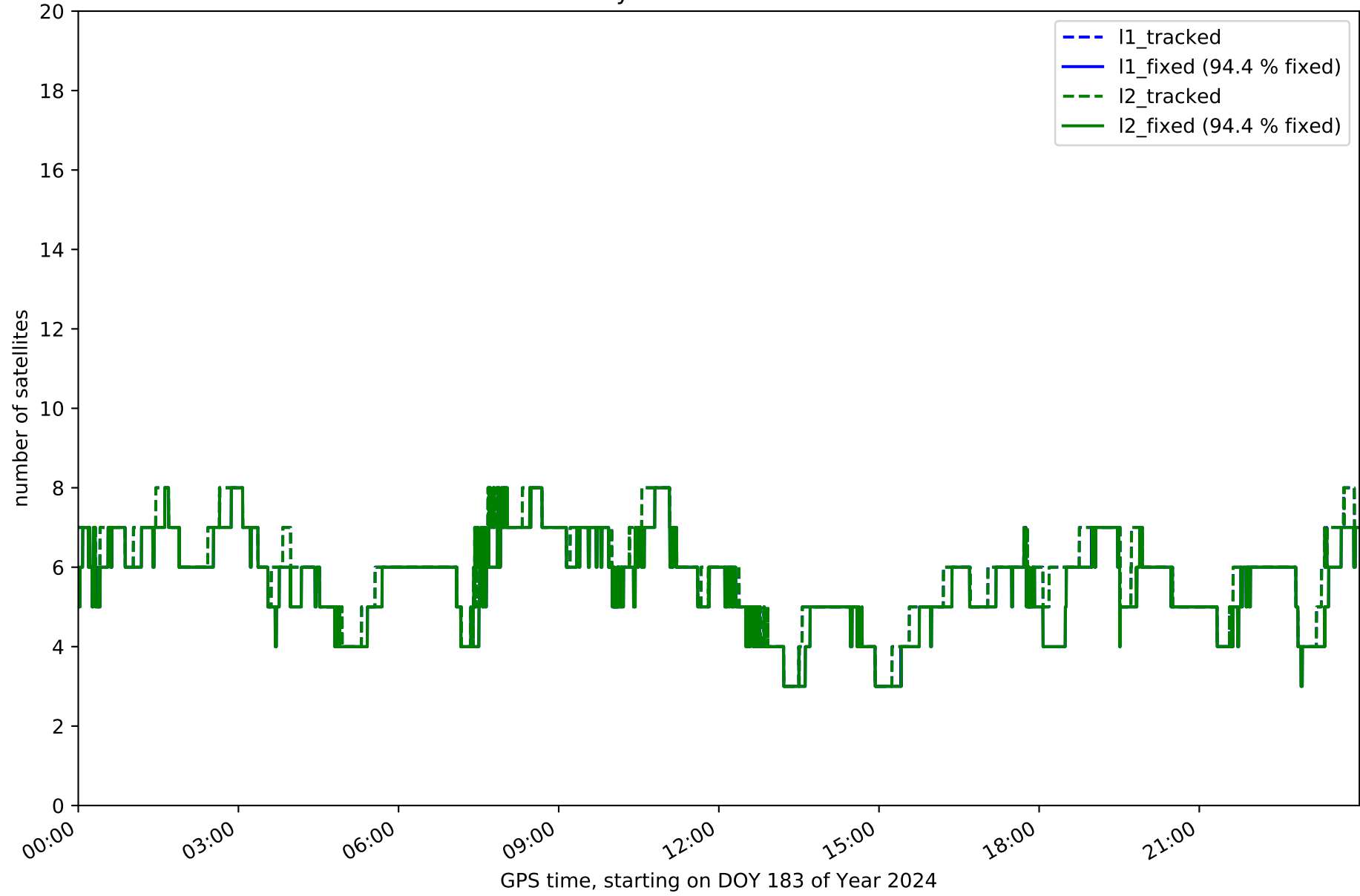
Fixing percentage of satellites in network NET5 with threshold set to 0.3



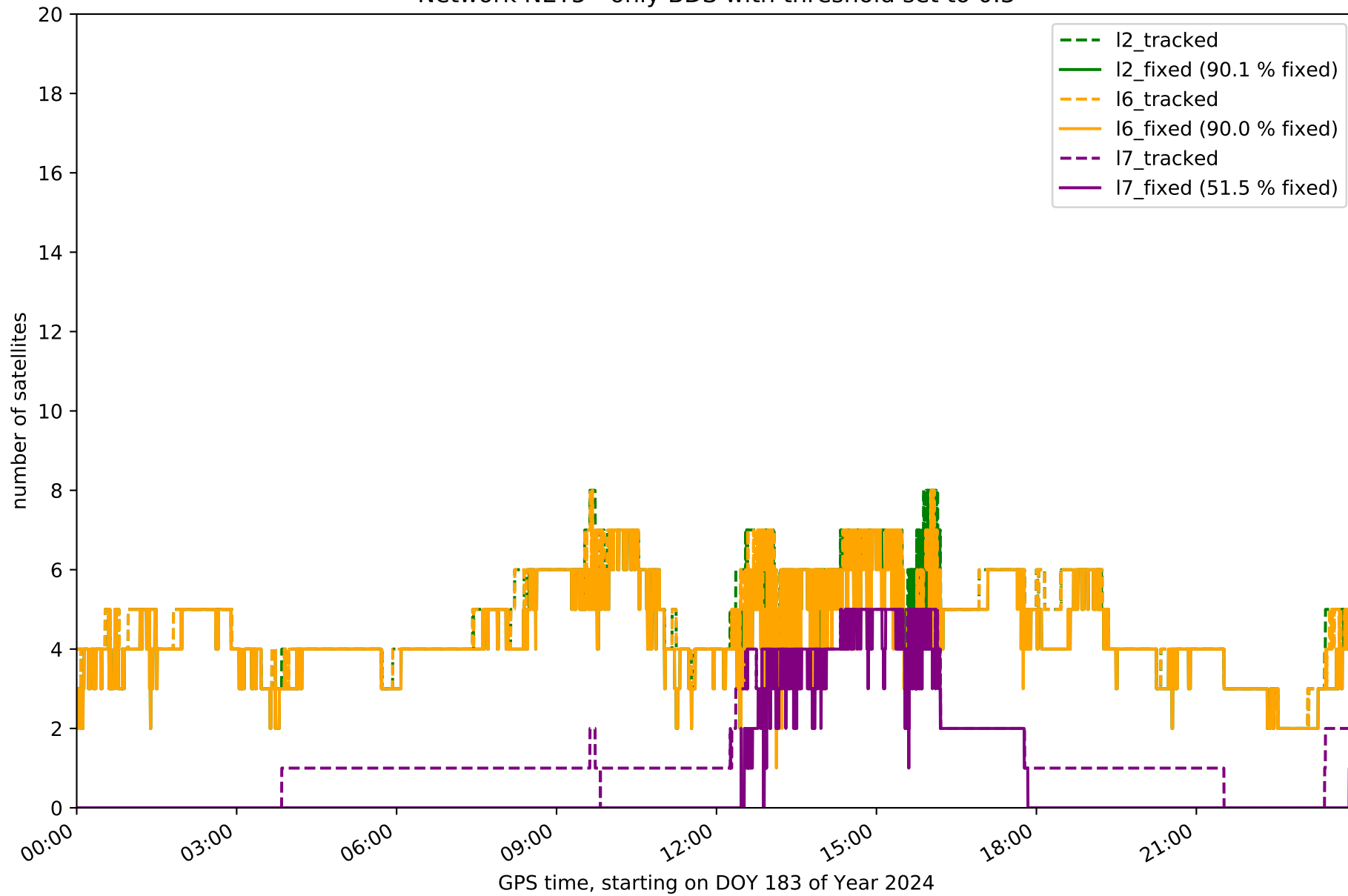
Network NET5 - only GPS with threshold set to 0.3



Network NET5 - only GLONASS with threshold set to 0.3

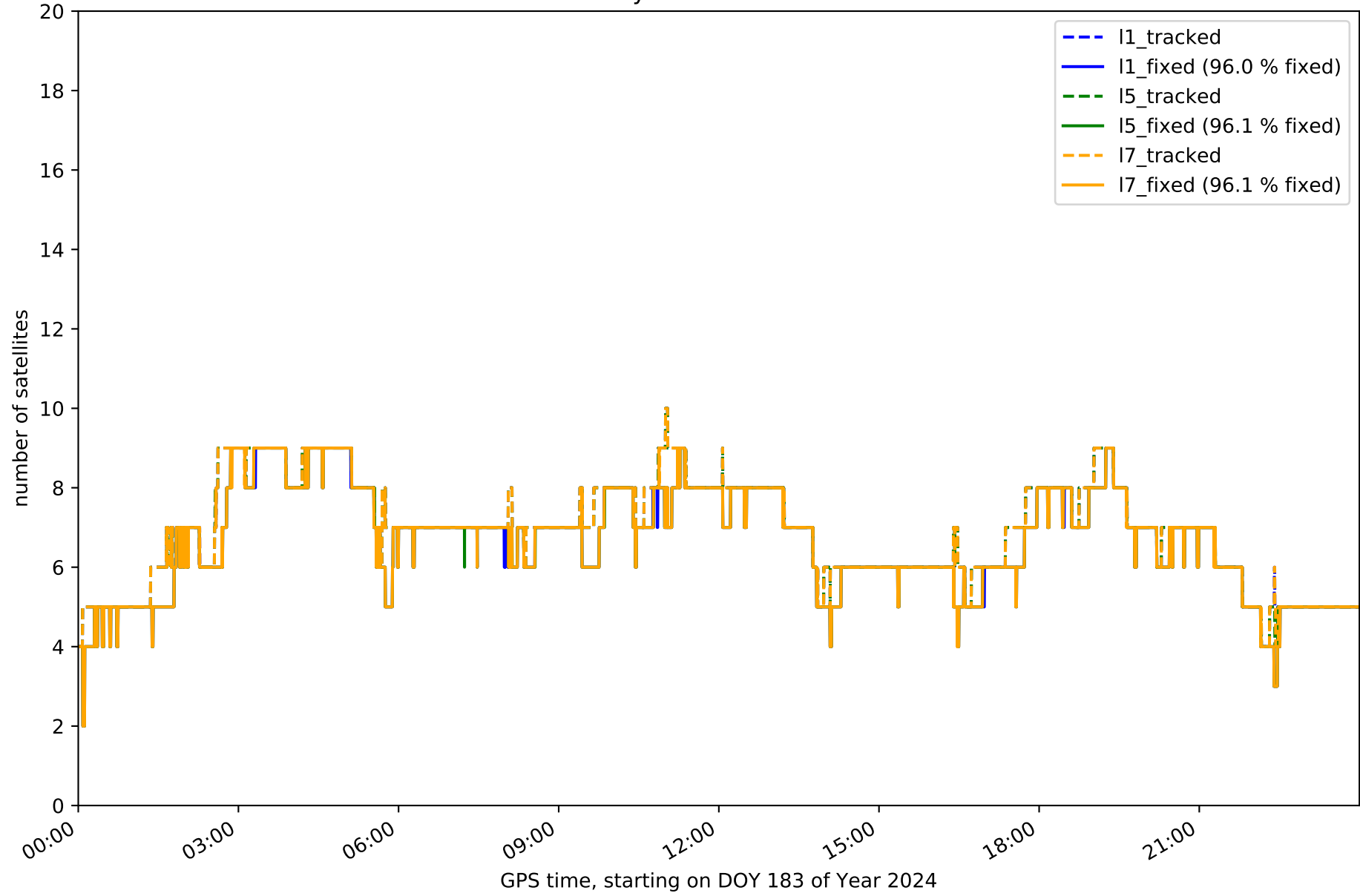


Network NET5 - only BDS with threshold set to 0.3

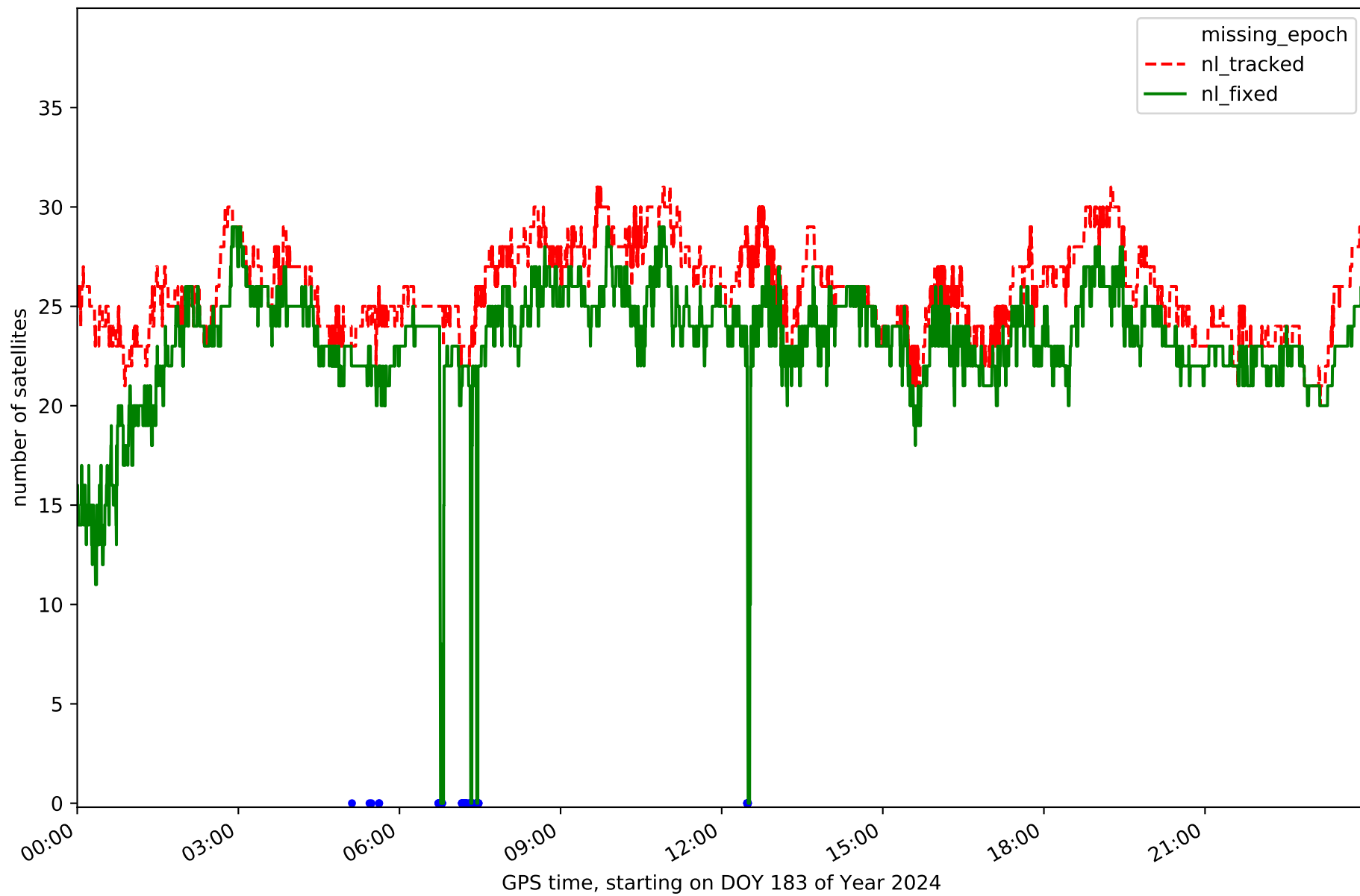




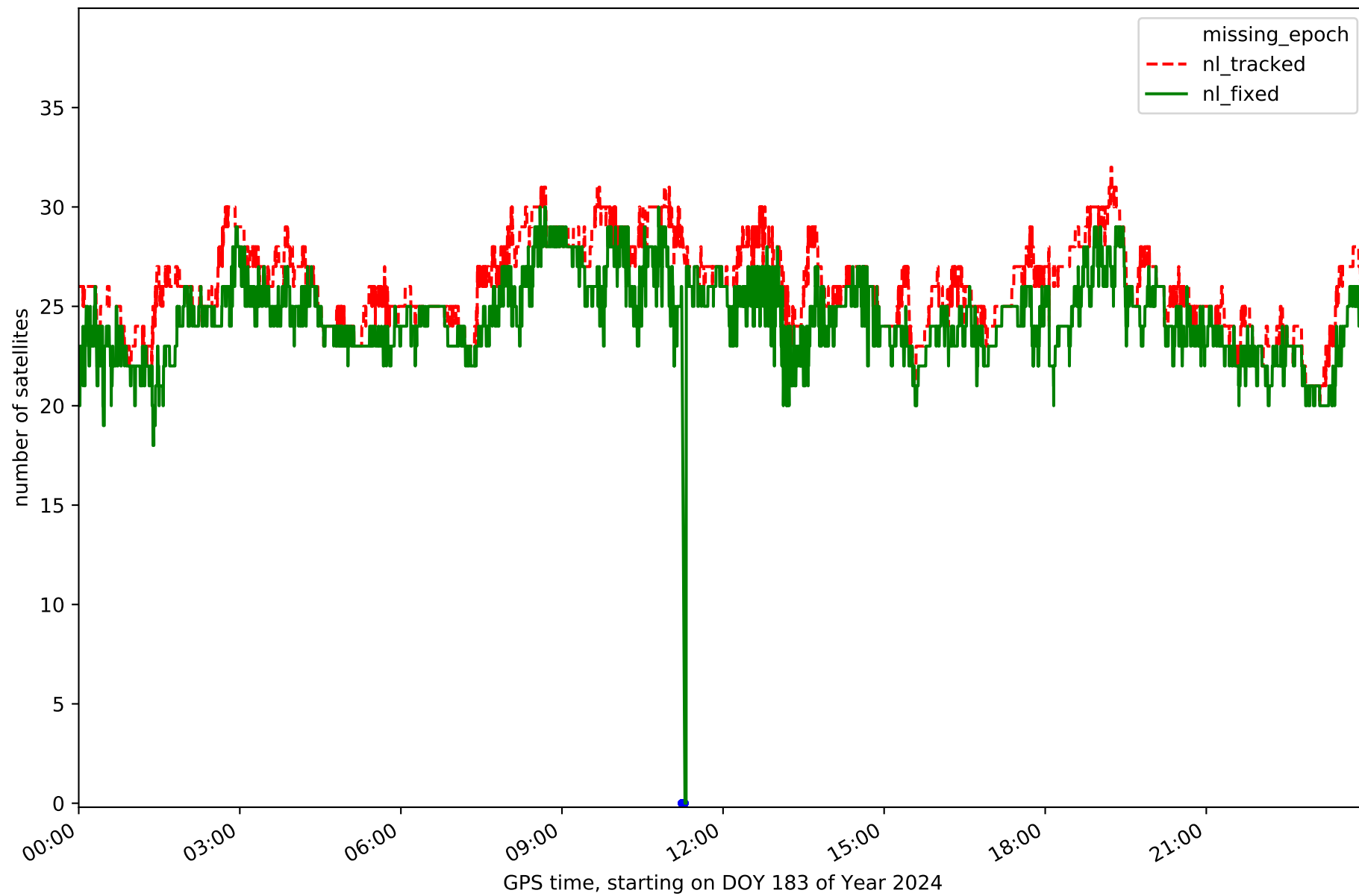
Network NET5 - only Galileo with threshold set to 0.3



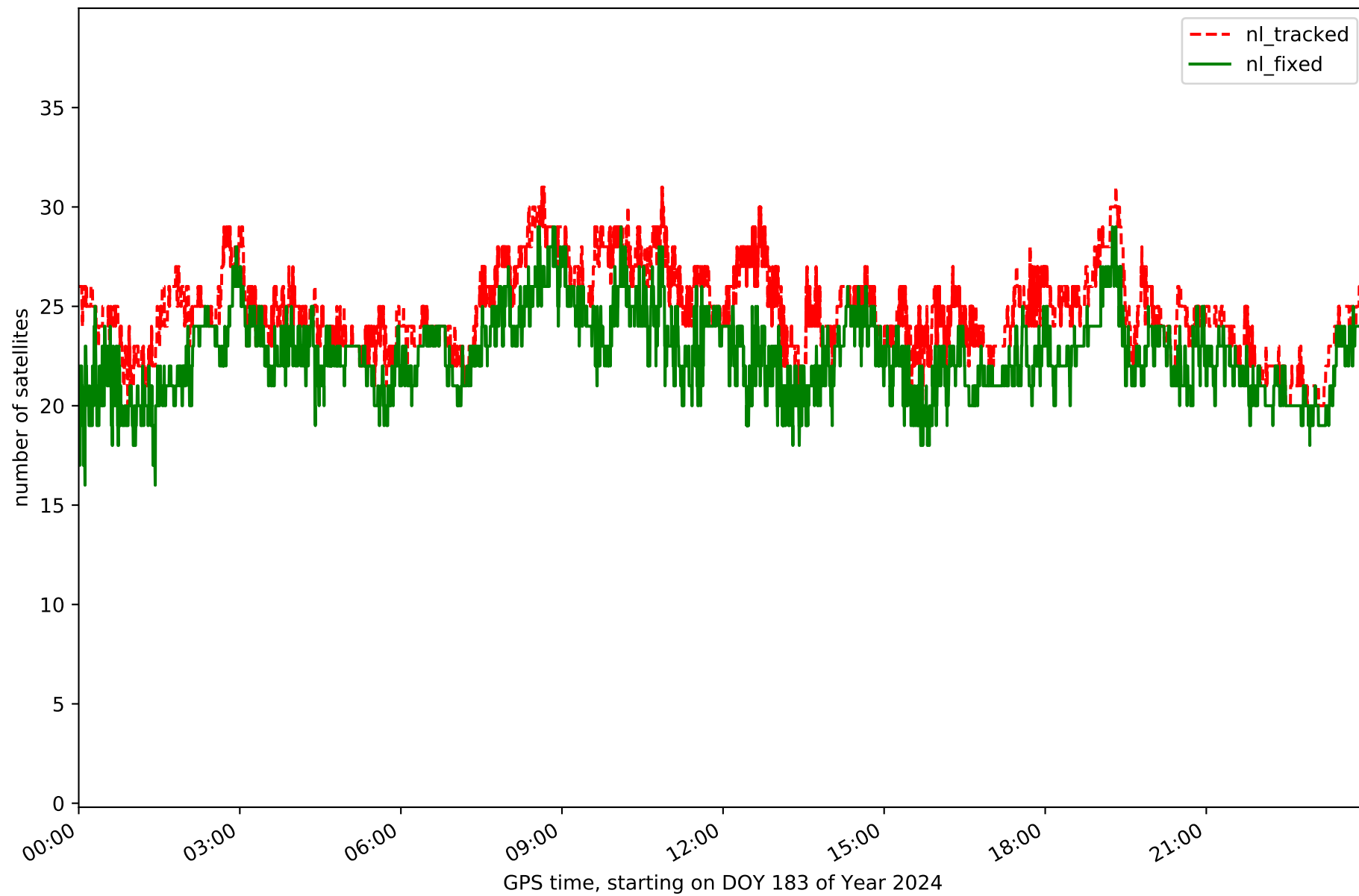
Station AGRD in network NET5



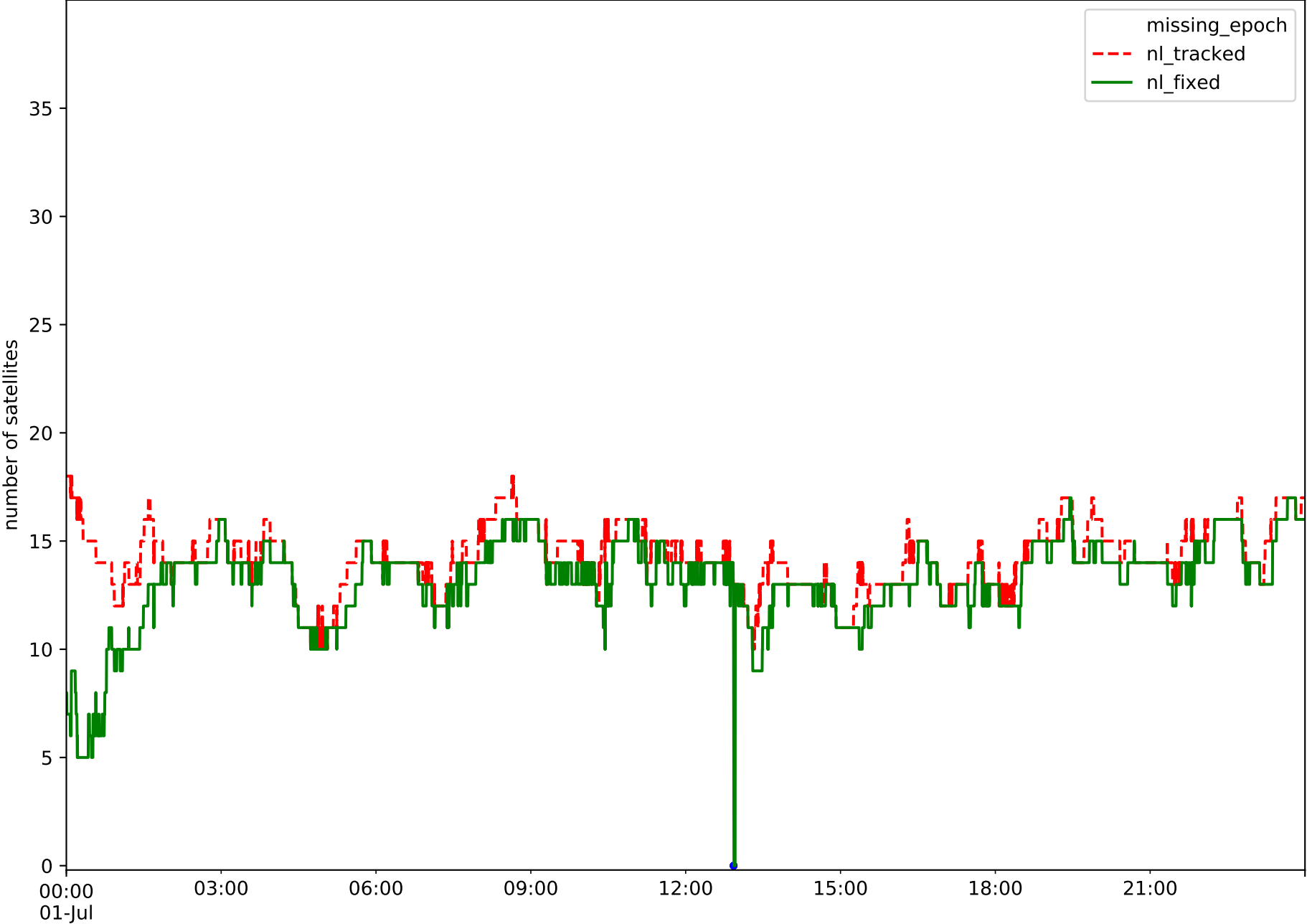
Station ALMZ in network NET5



Station ARDU in network NET5

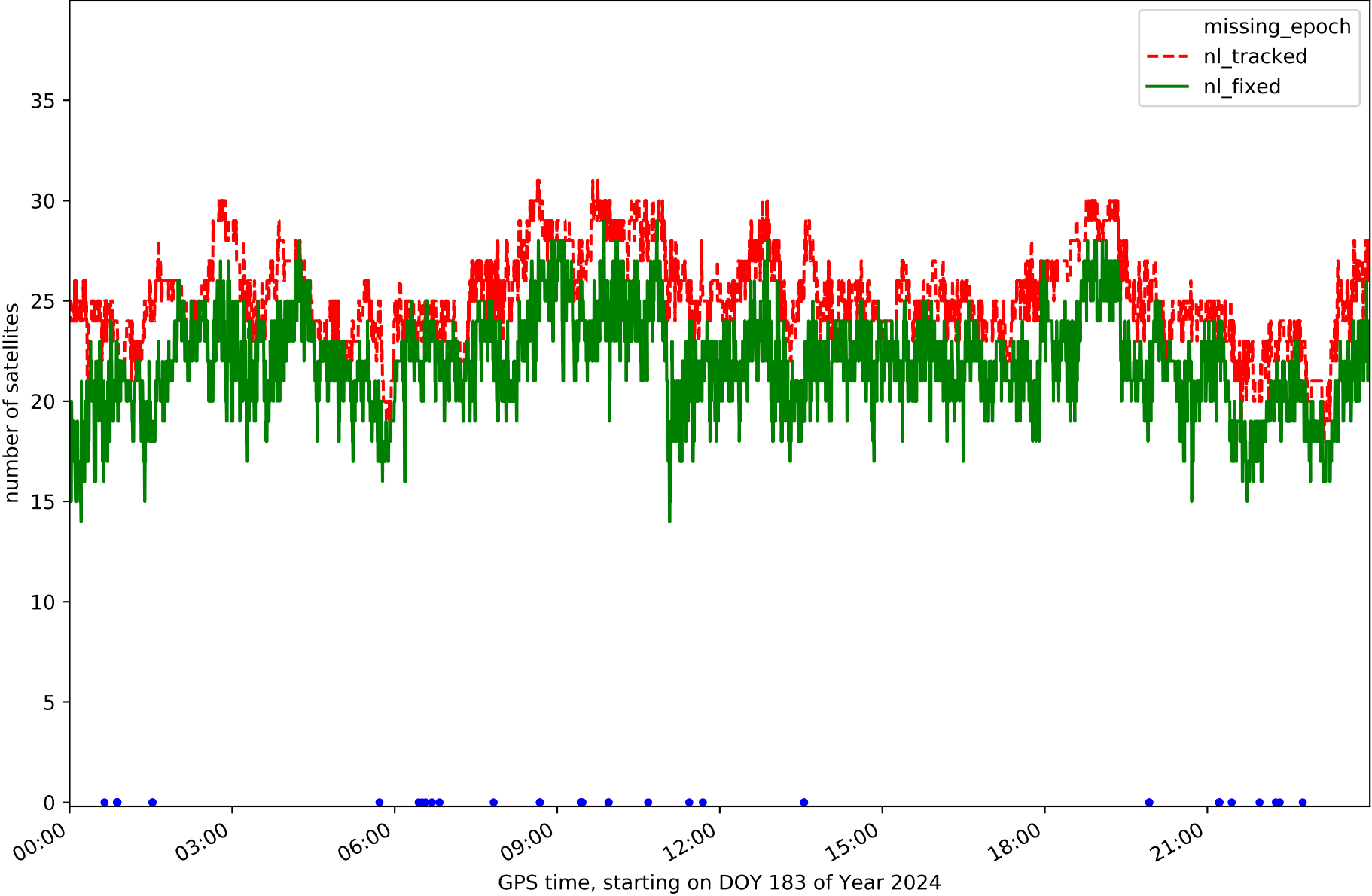


Station CALA in network NET5

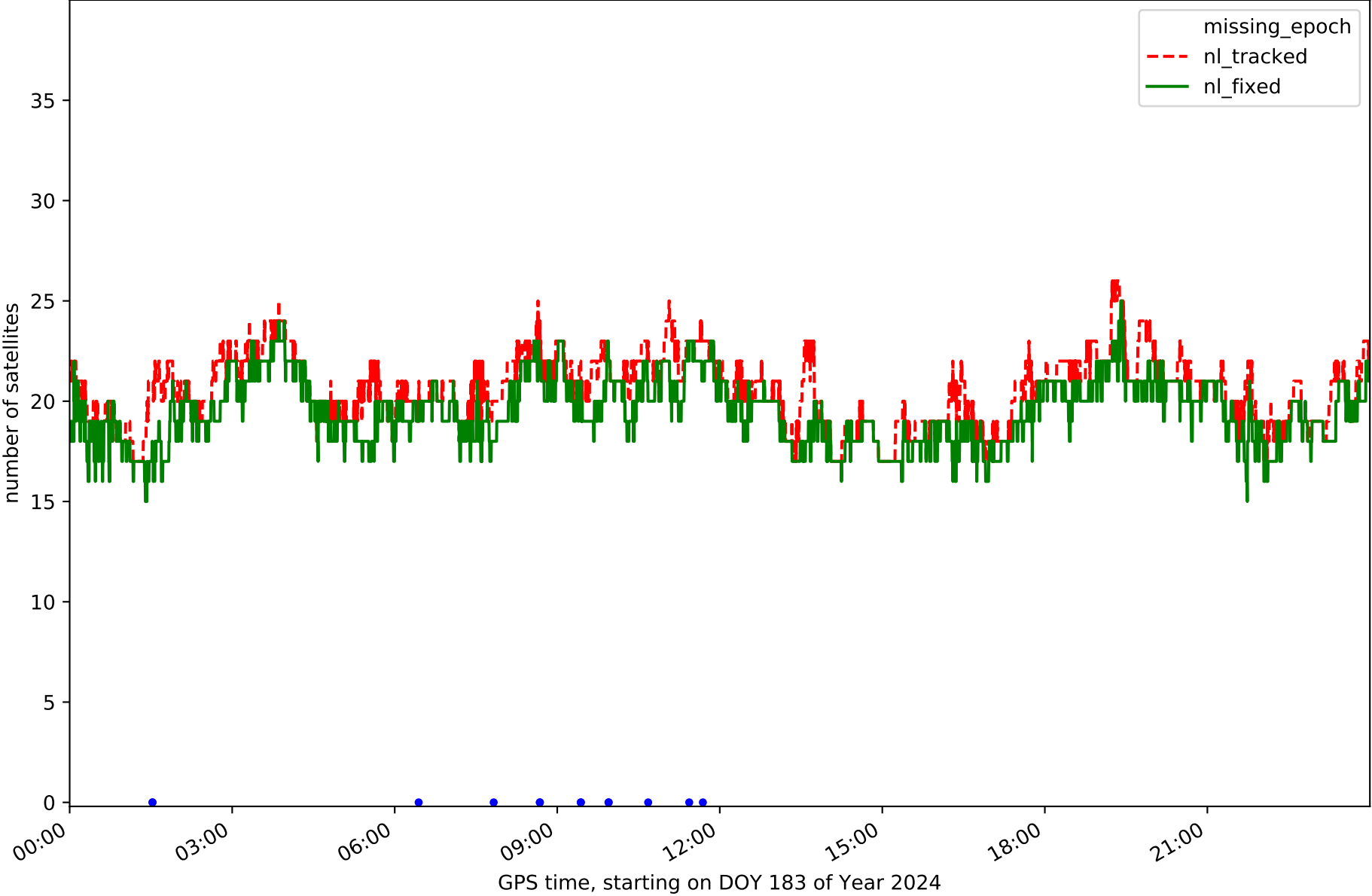


GPS time, starting on DOY 183 of Year 2024

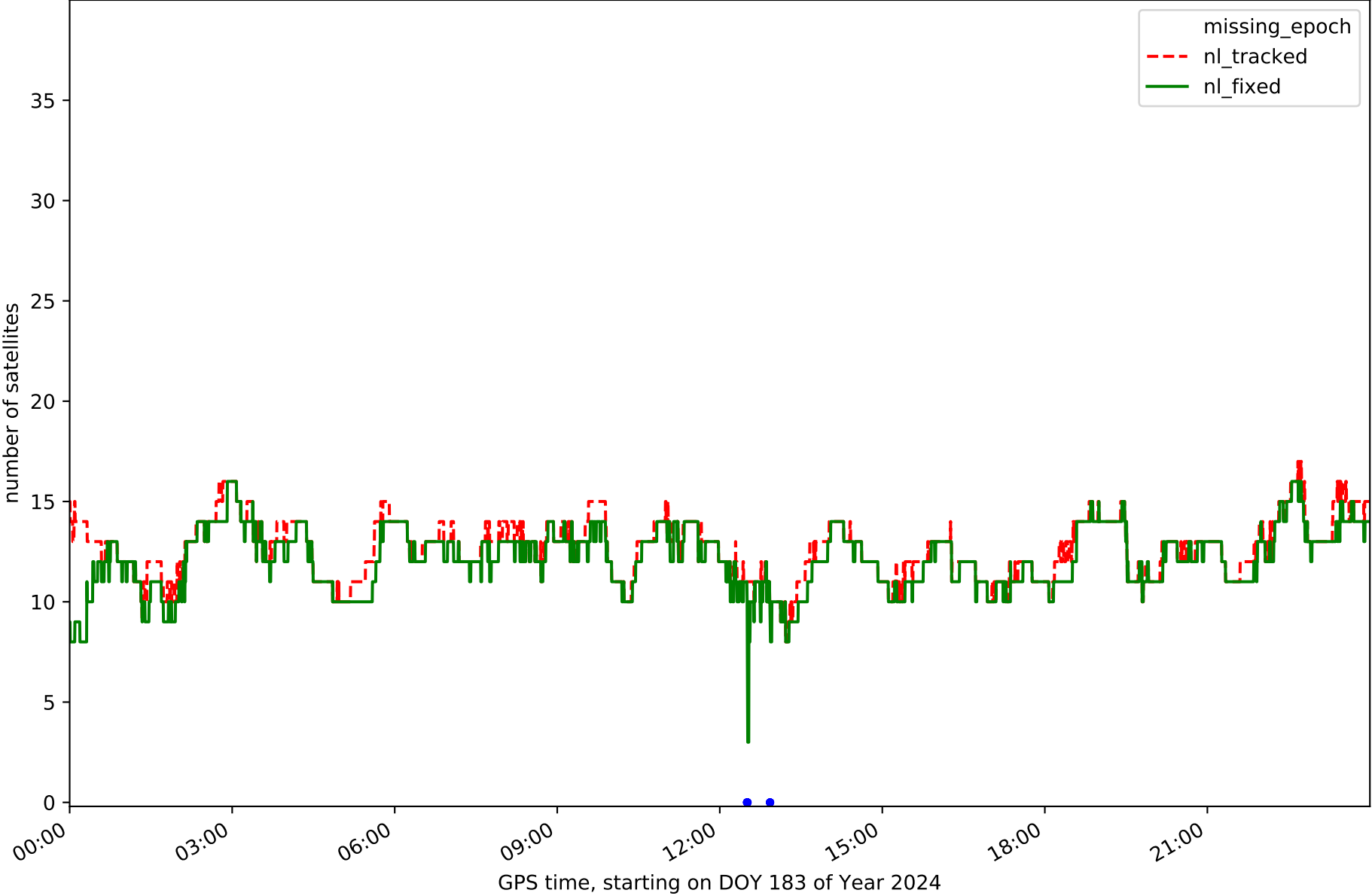
Station CALH in network NET5



Station CAS0 in network NET5

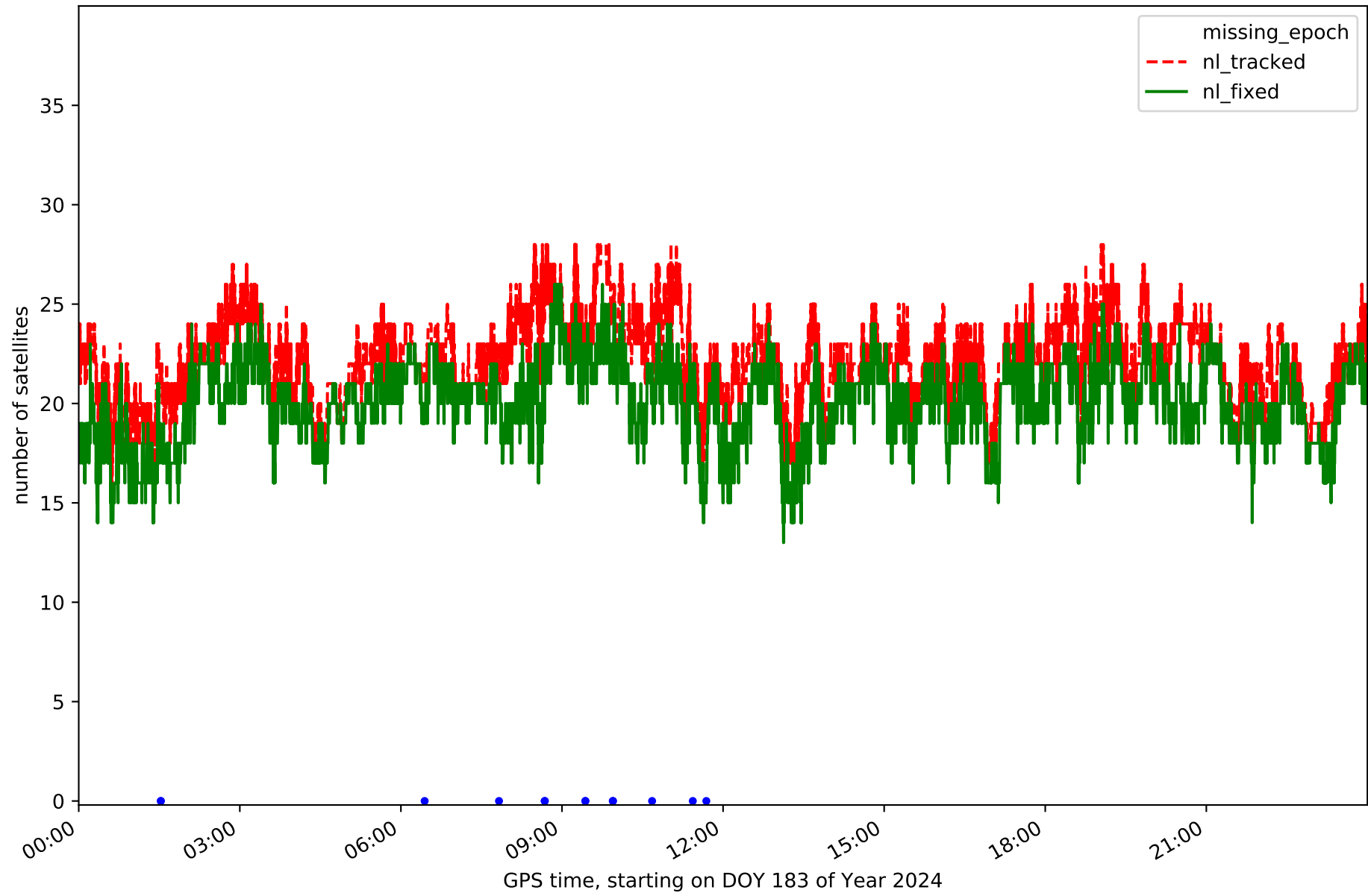


Station CATY in network NET5

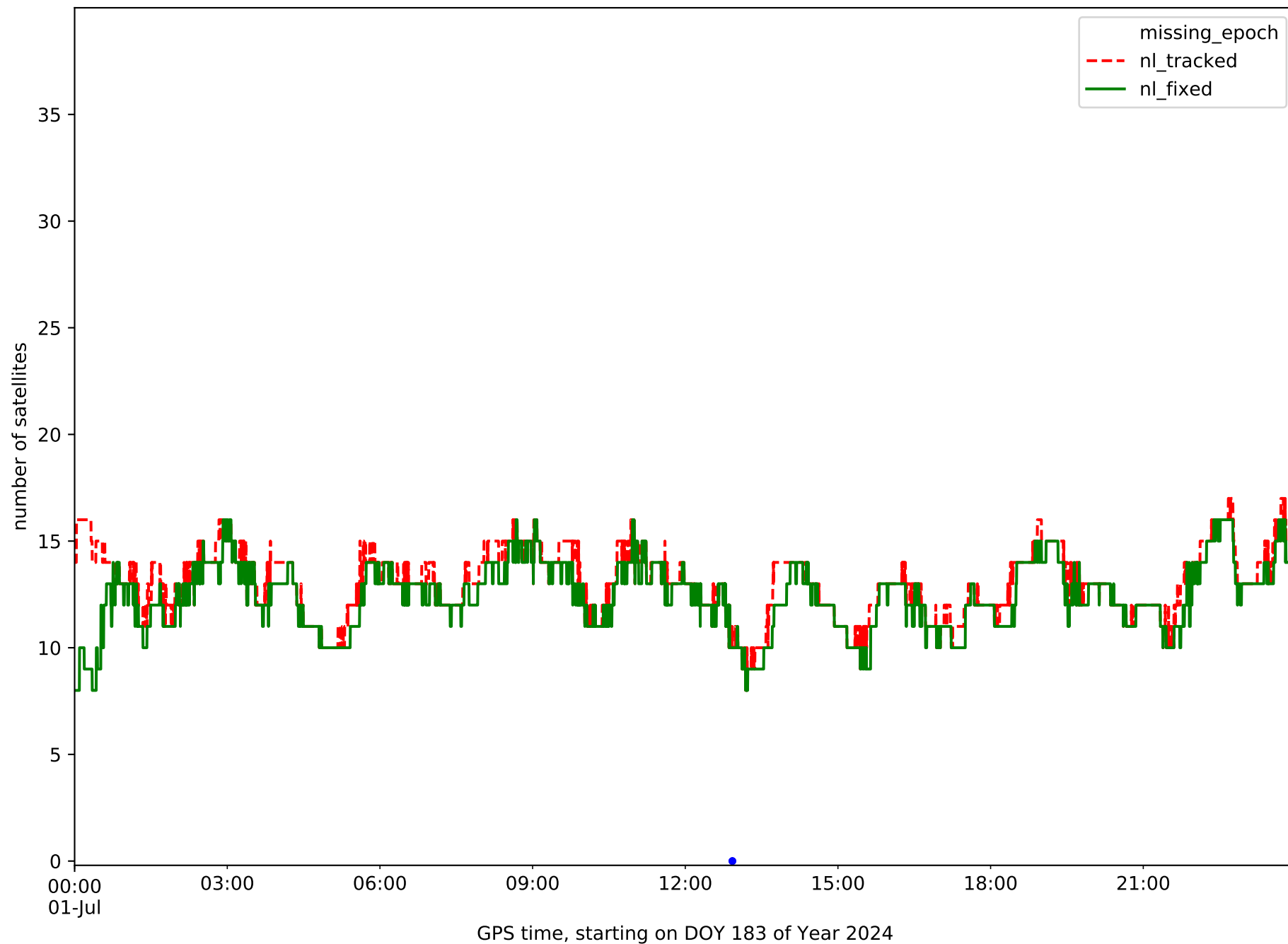




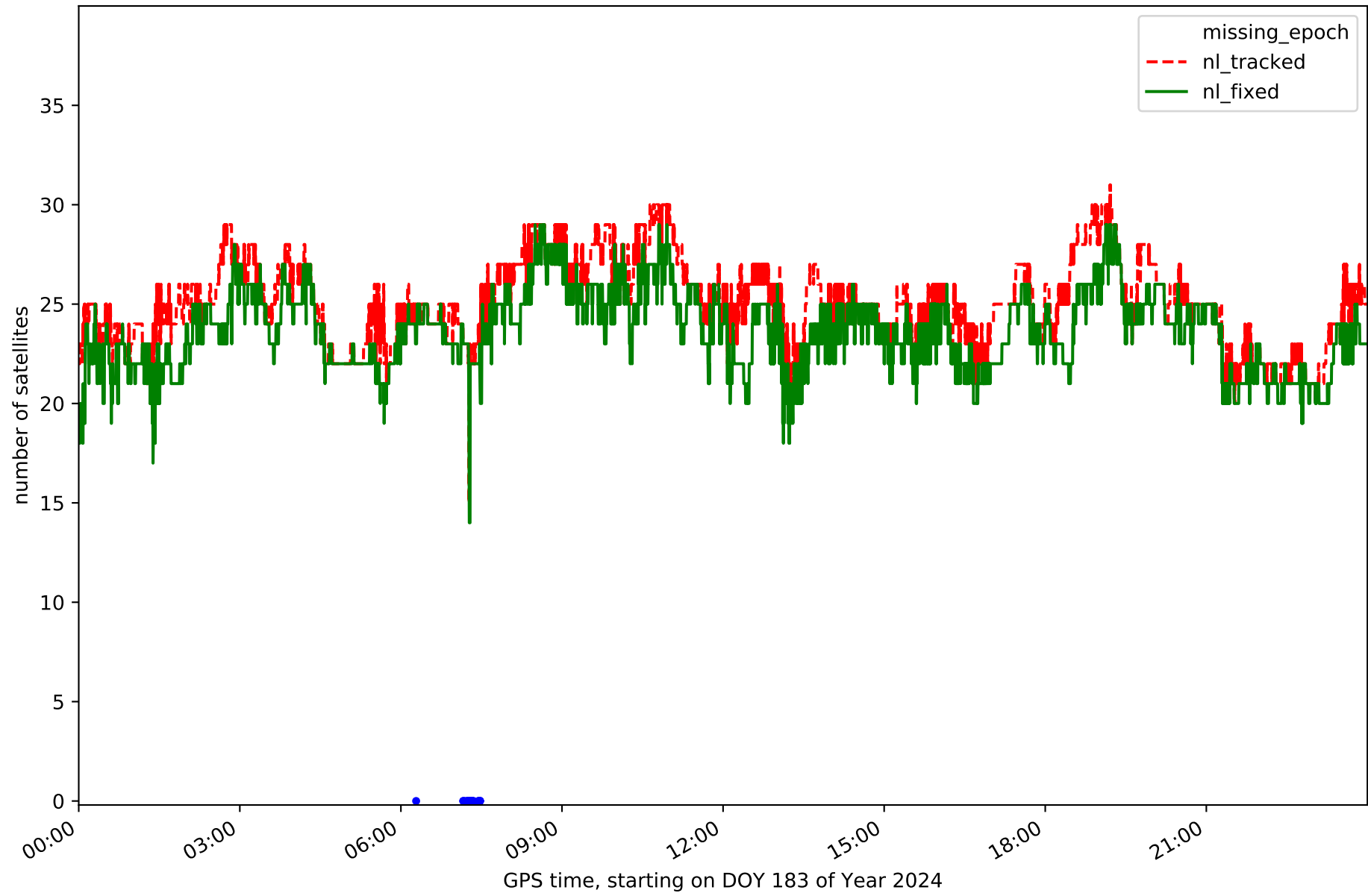
Station CERV in network NET5



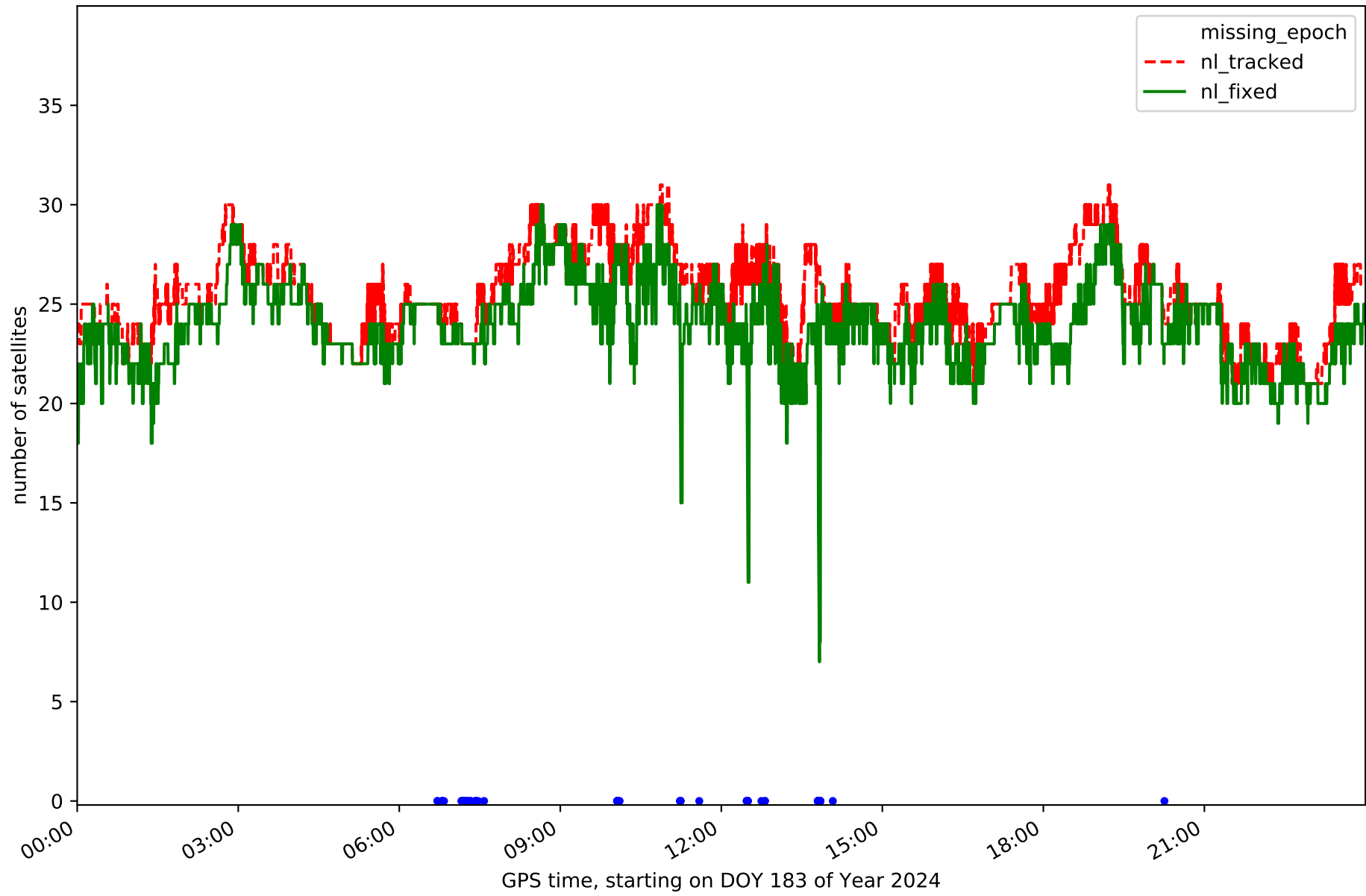
Station CRNA in network NET5



Station LERM in network NET5



Station QINT in network NET5

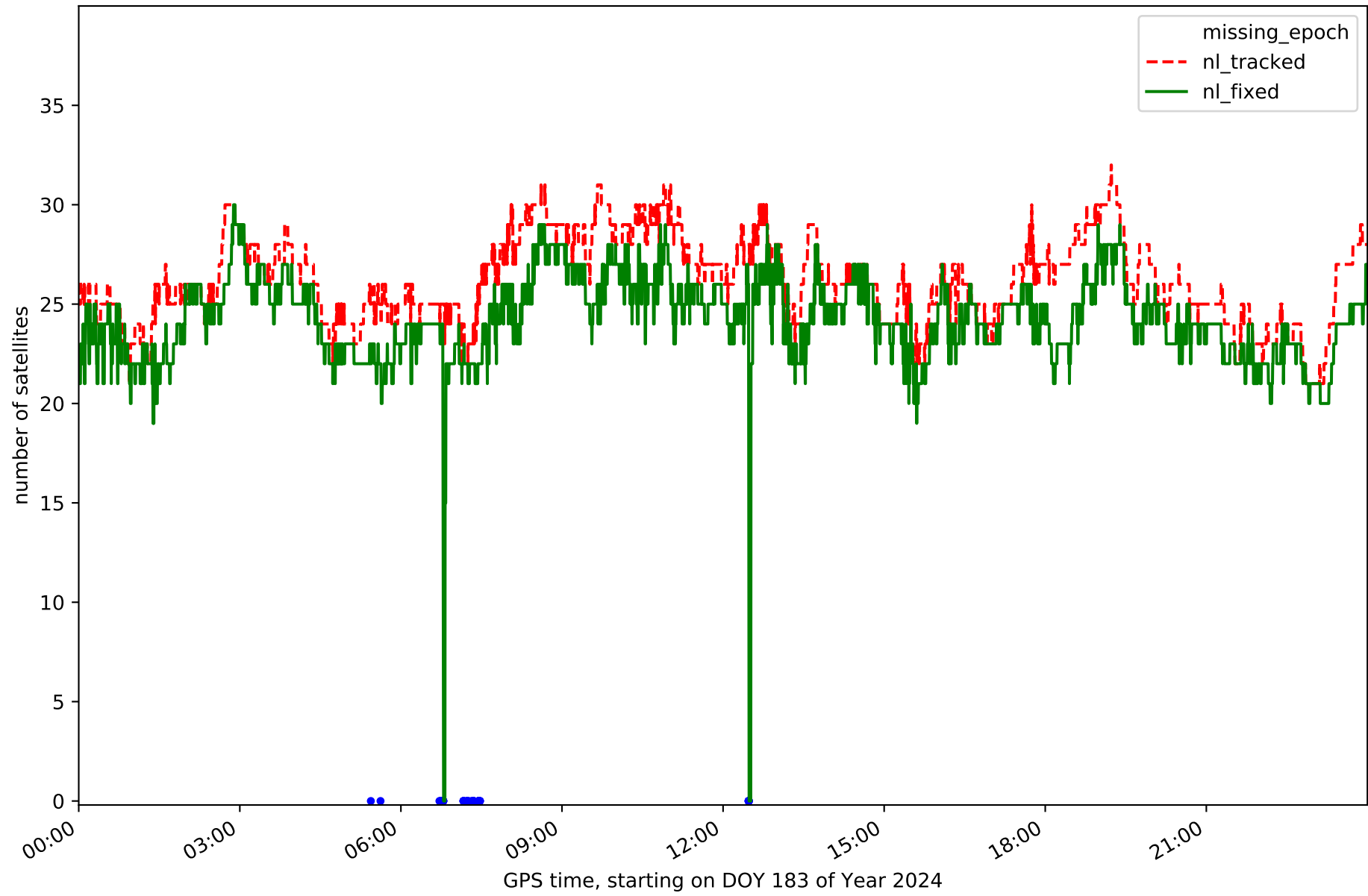


### Station QNT0 in network NET5

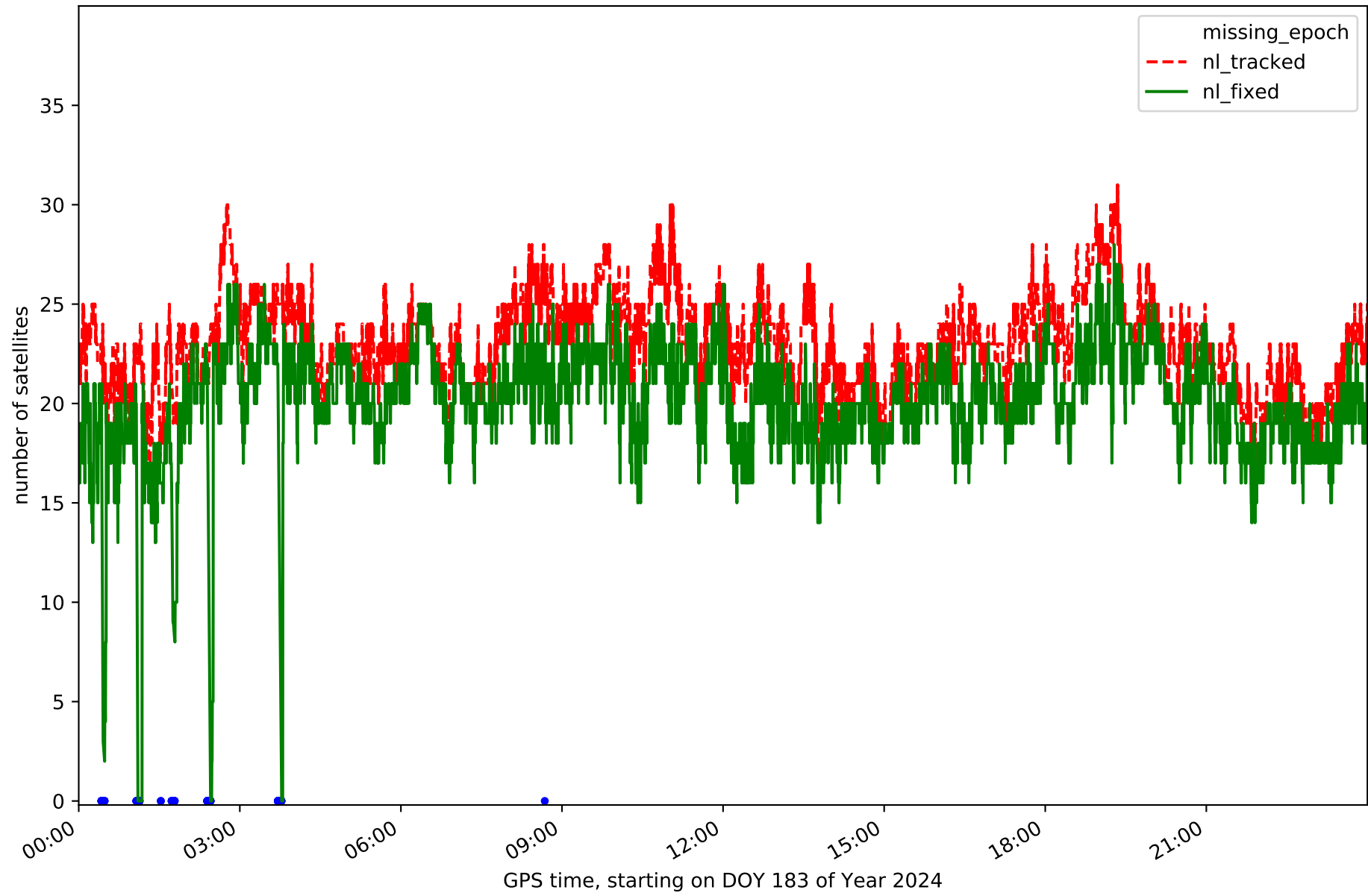


GPS time, starting on DOY 183 of Year 2024

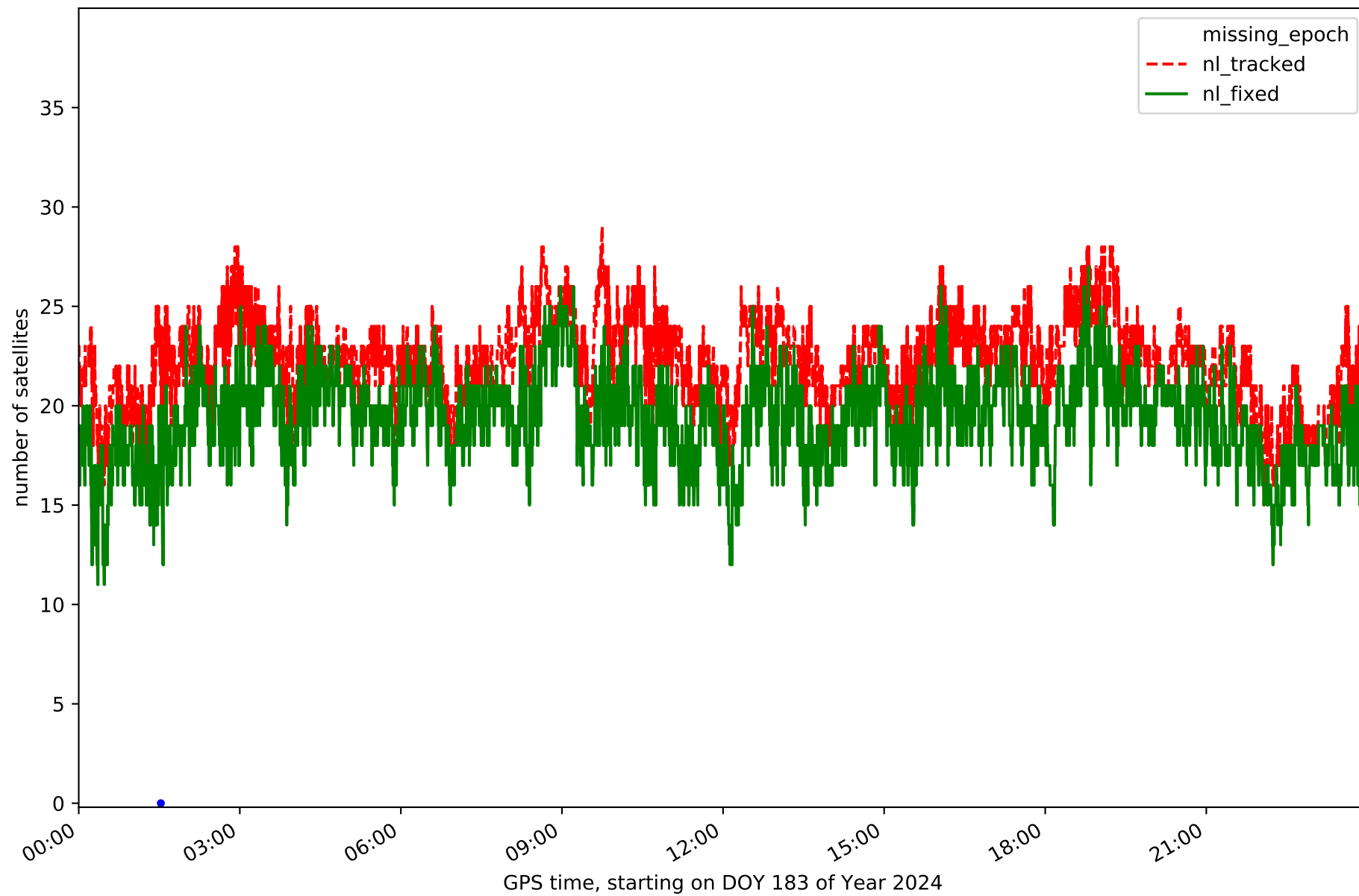
Station SORI in network NET5



Station SROM in network NET5

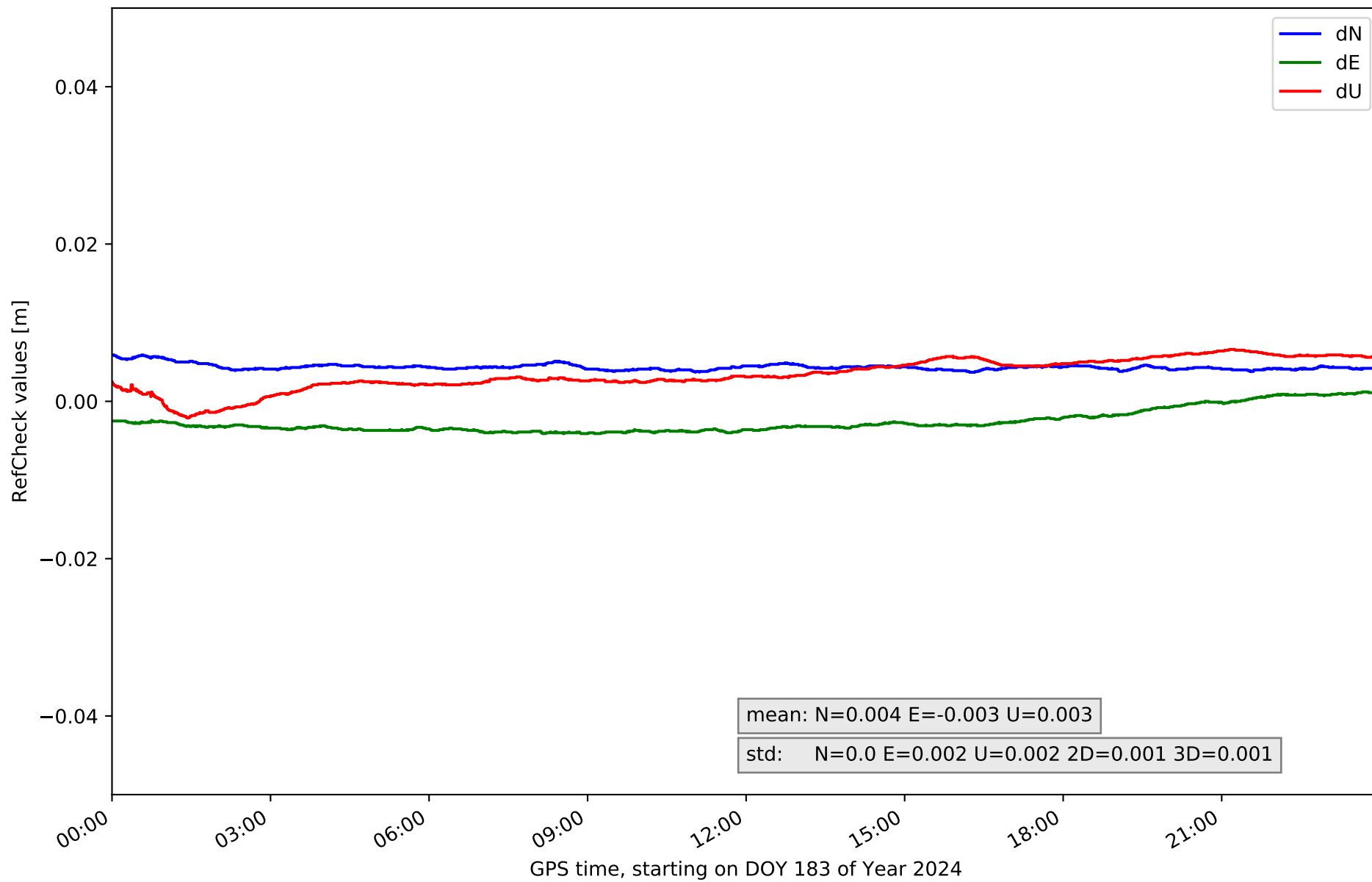


Station VTRO in network NET5

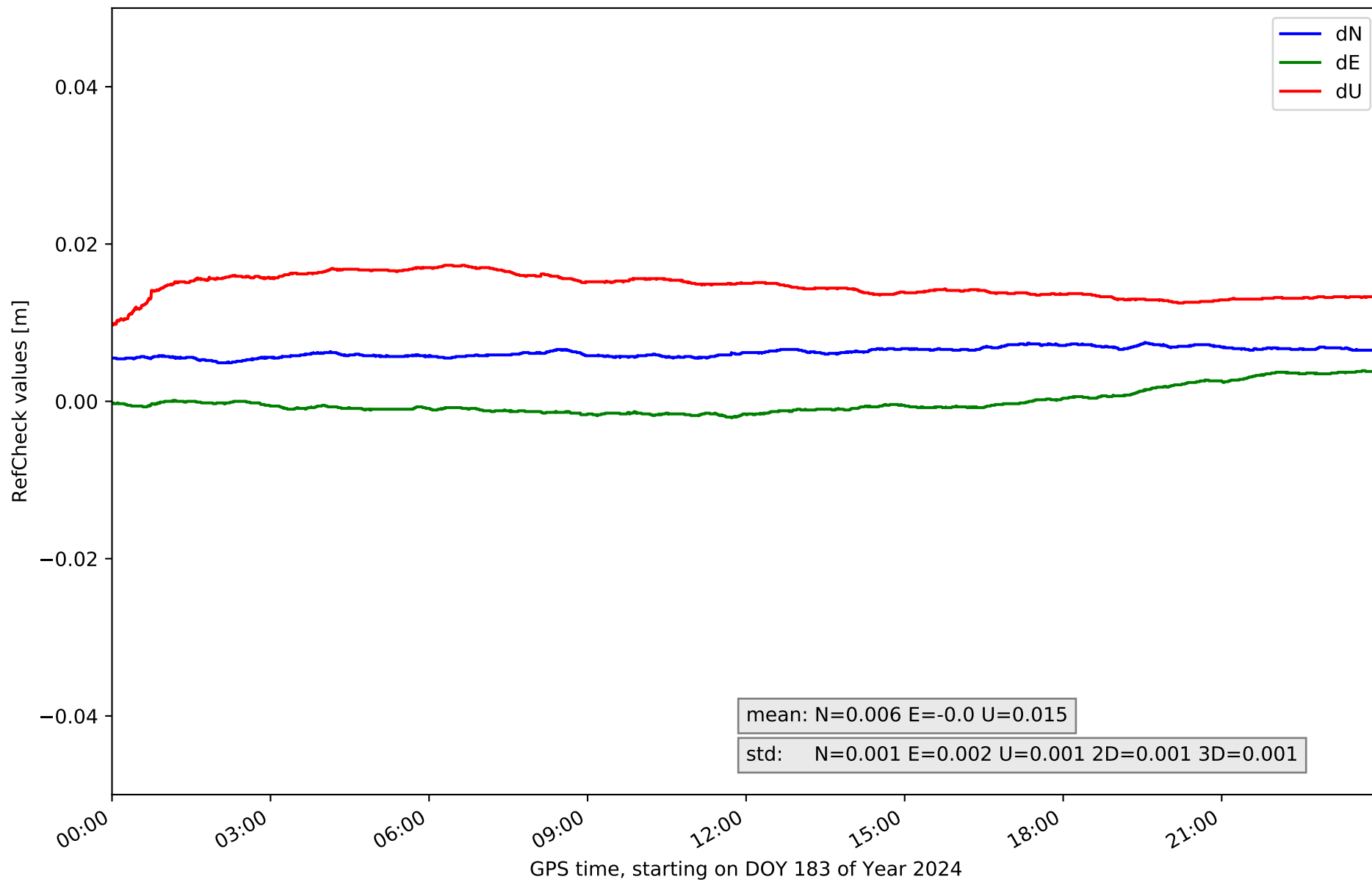




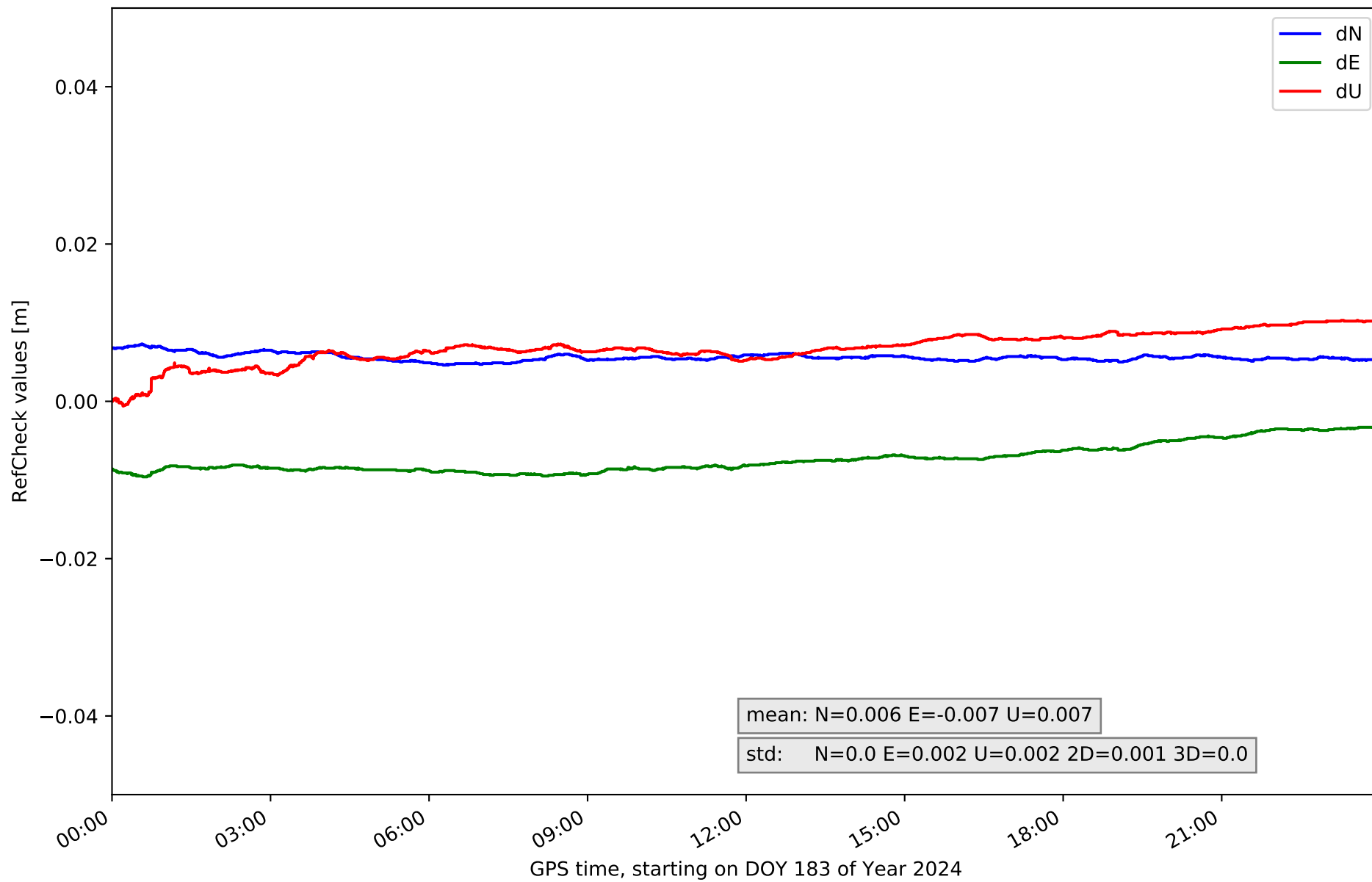
### RefCheck for station AGRD in network NET5



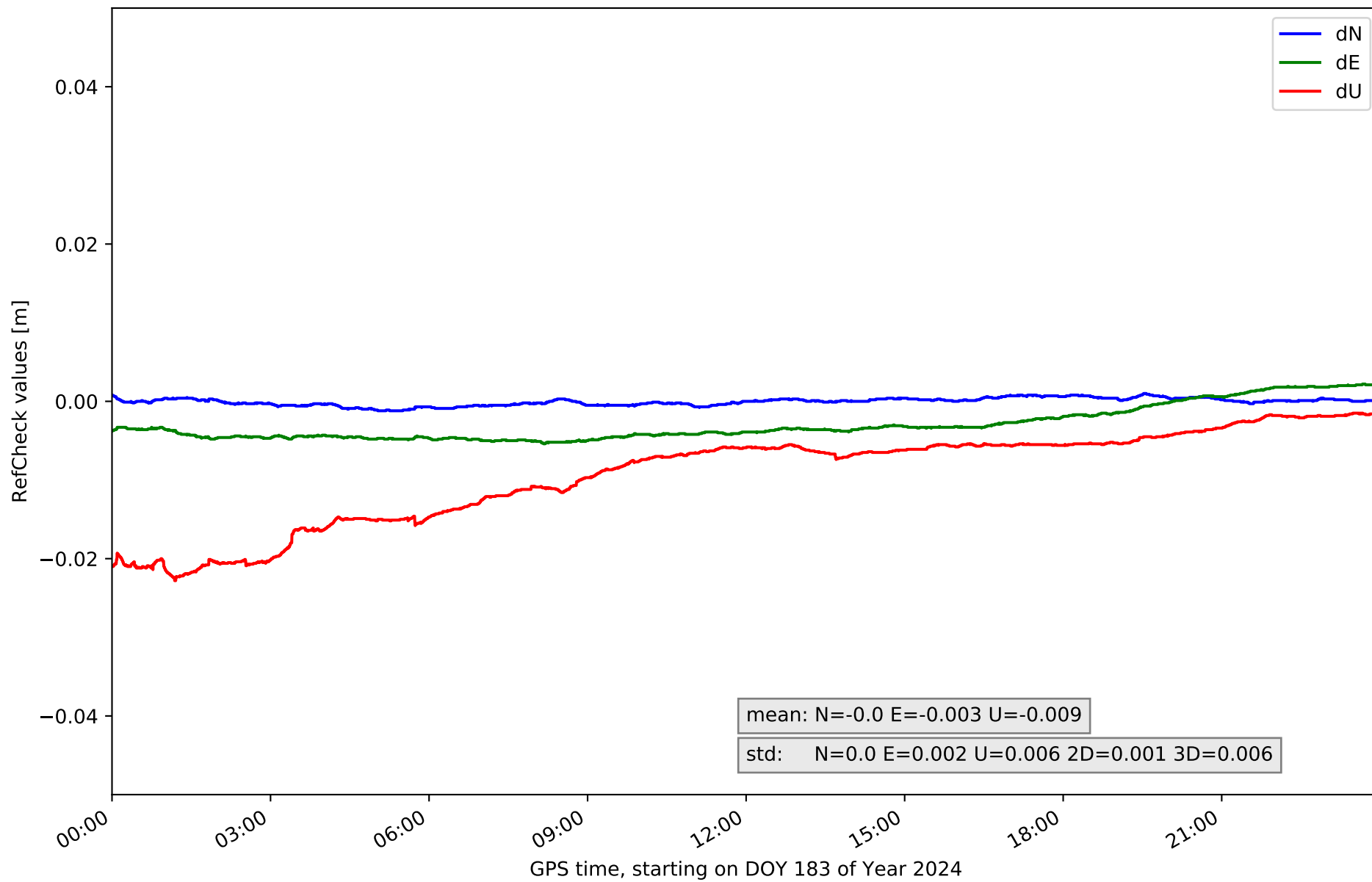
### RefCheck for station ALMZ in network NET5



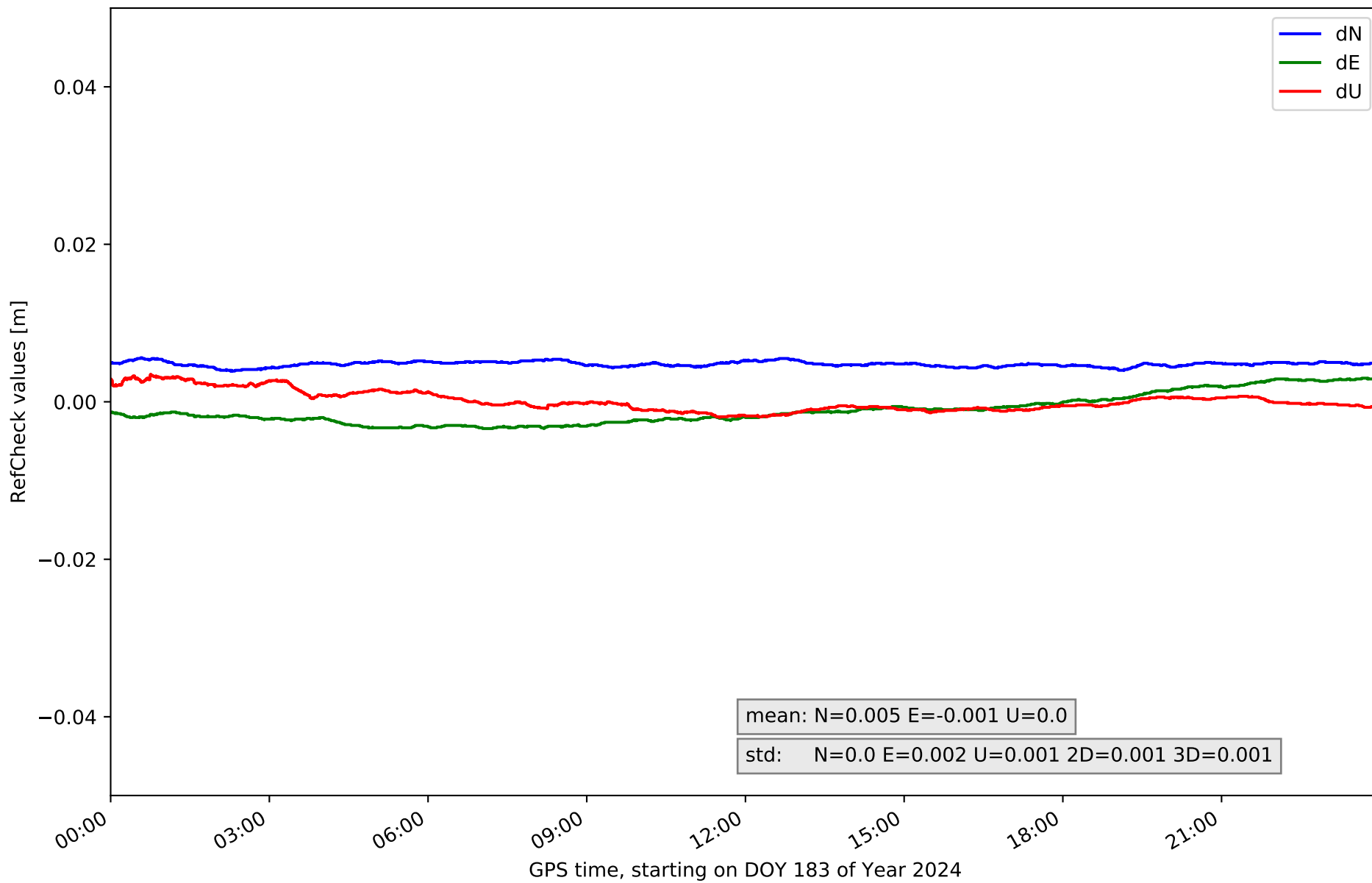
# RefCheck for station ARDU in network NET5



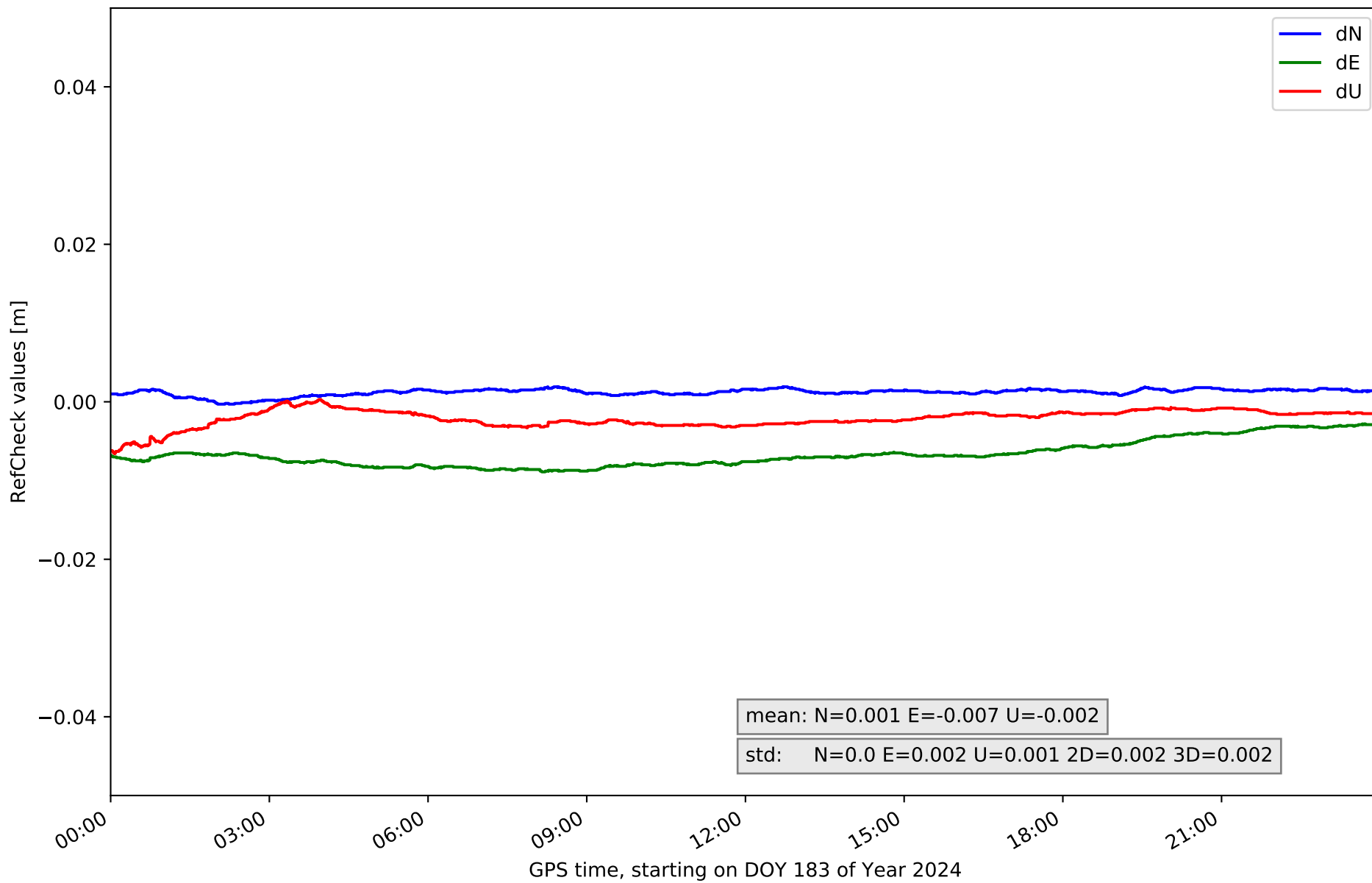
### RefCheck for station CALA in network NET5



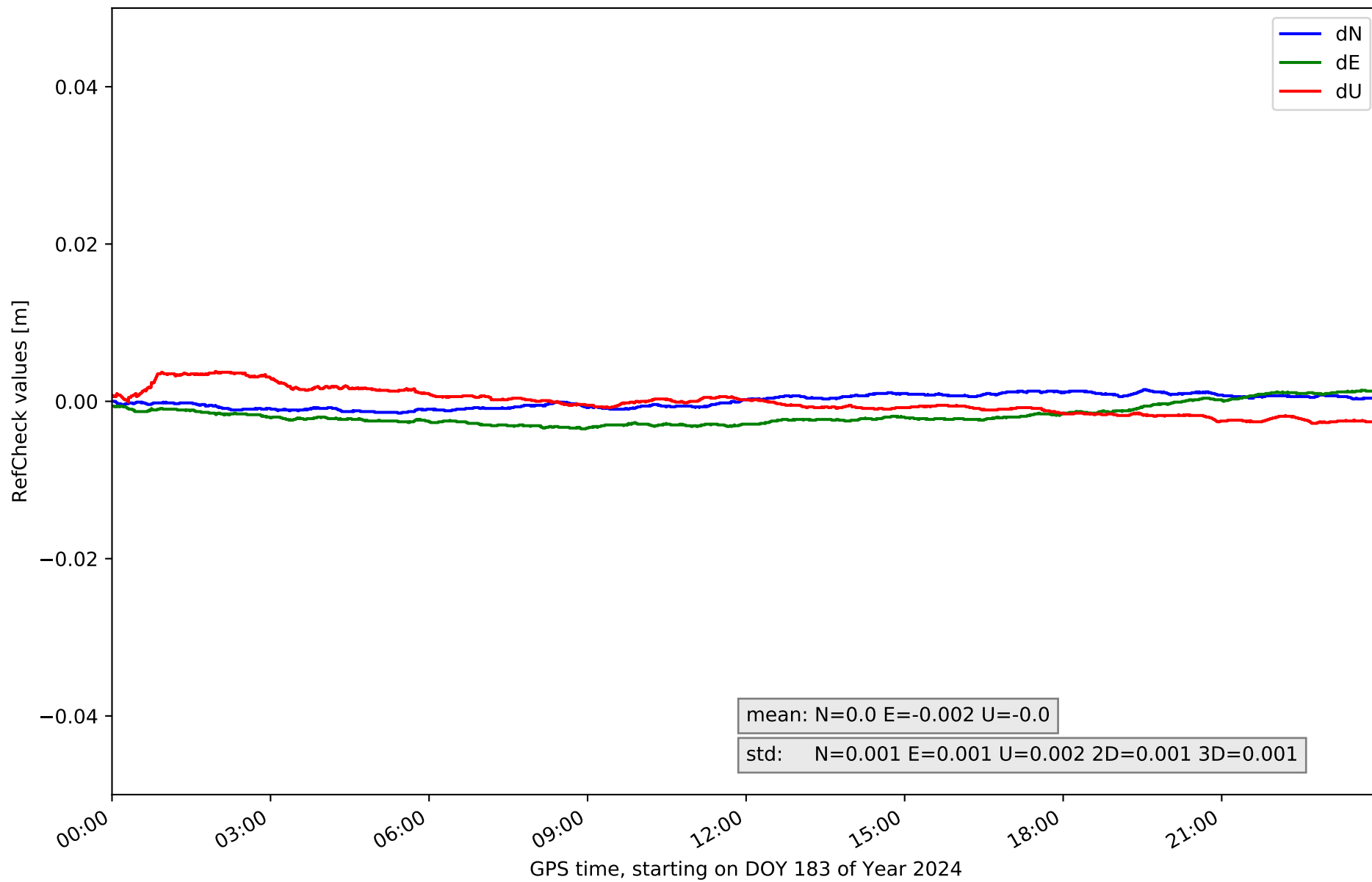
# RefCheck for station CALH in network NET5



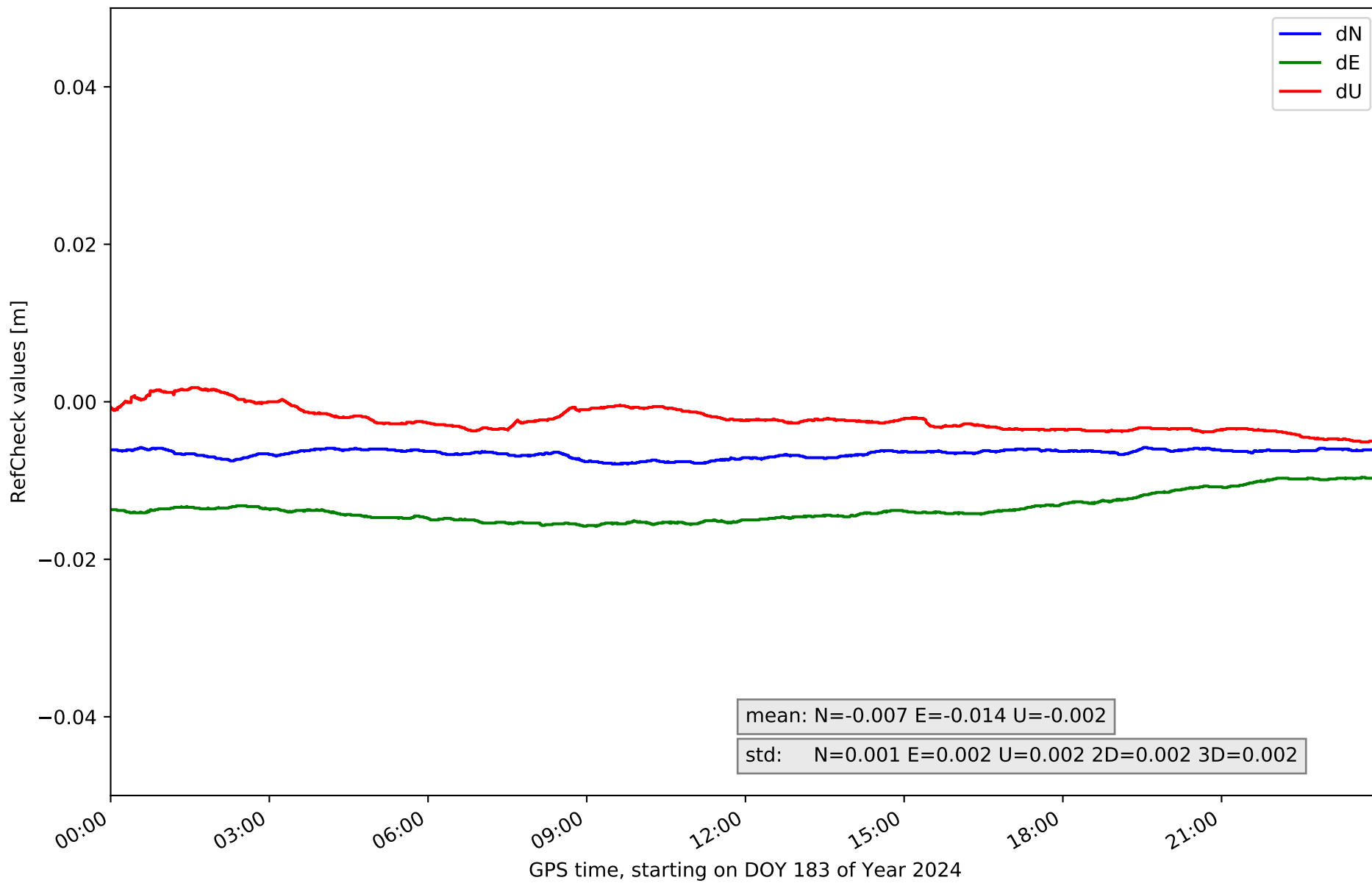
# RefCheck for station CAS0 in network NET5



# RefCheck for station CATY in network NET5

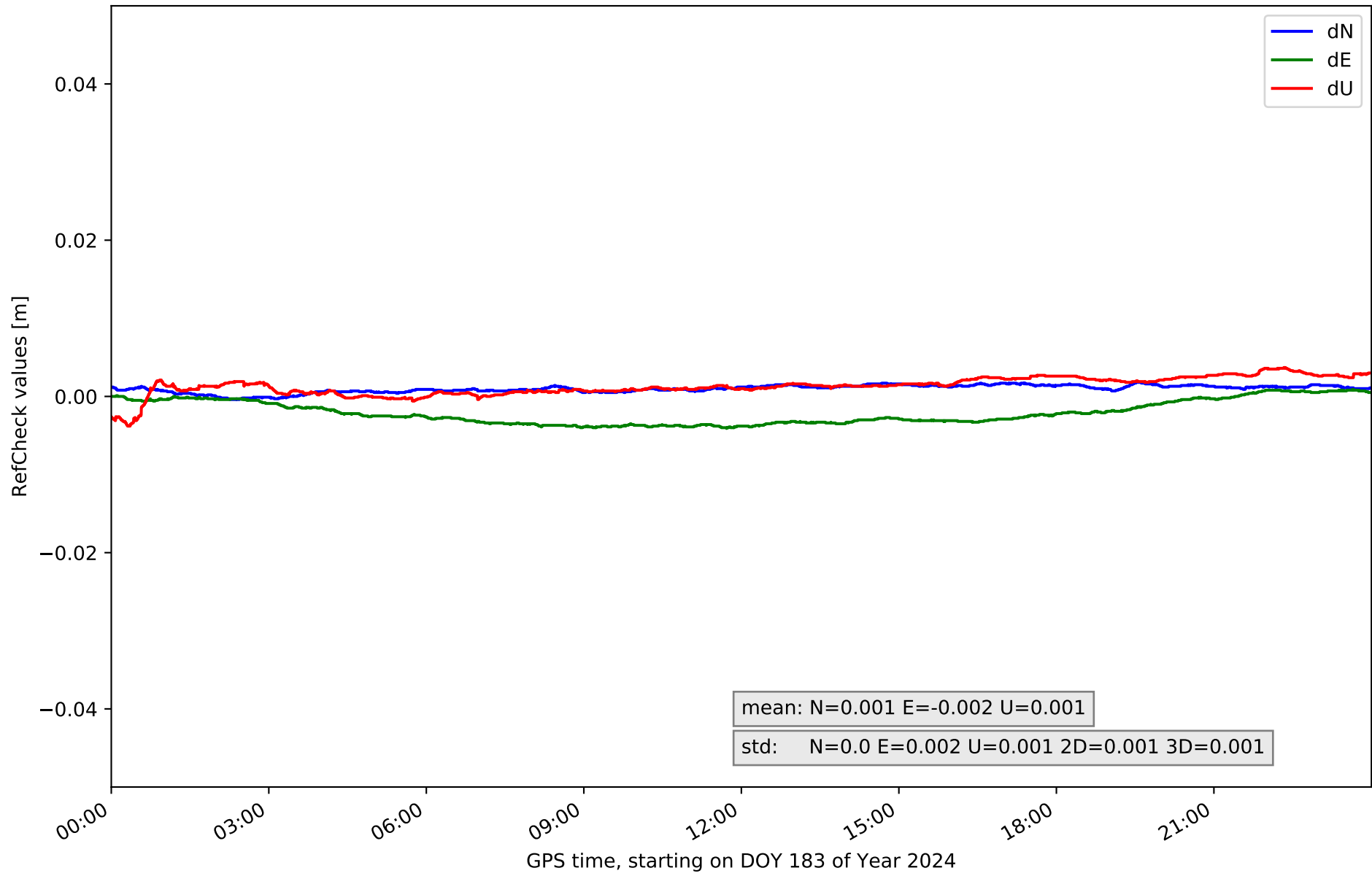


### RefCheck for station CERV in network NET5

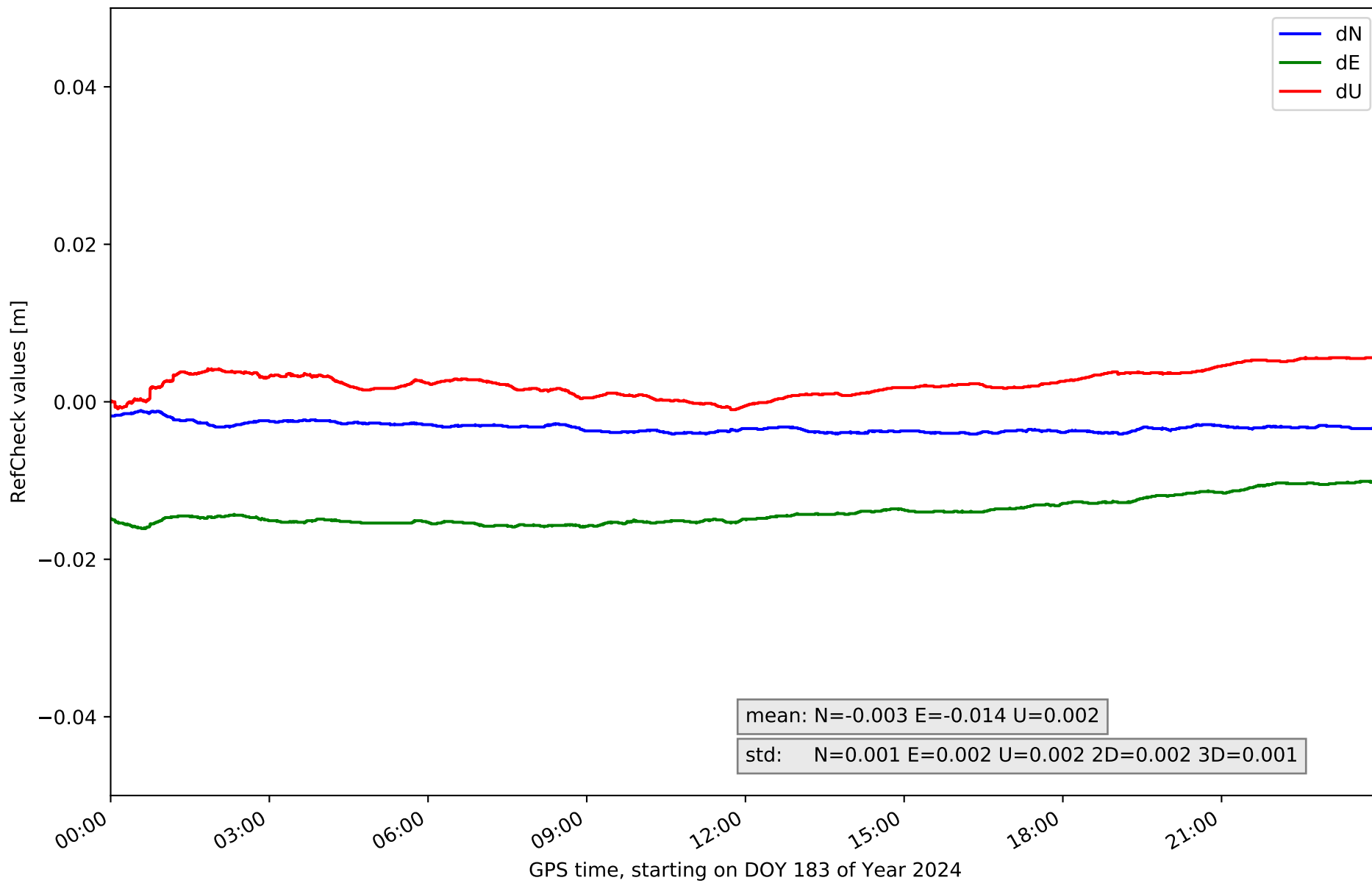




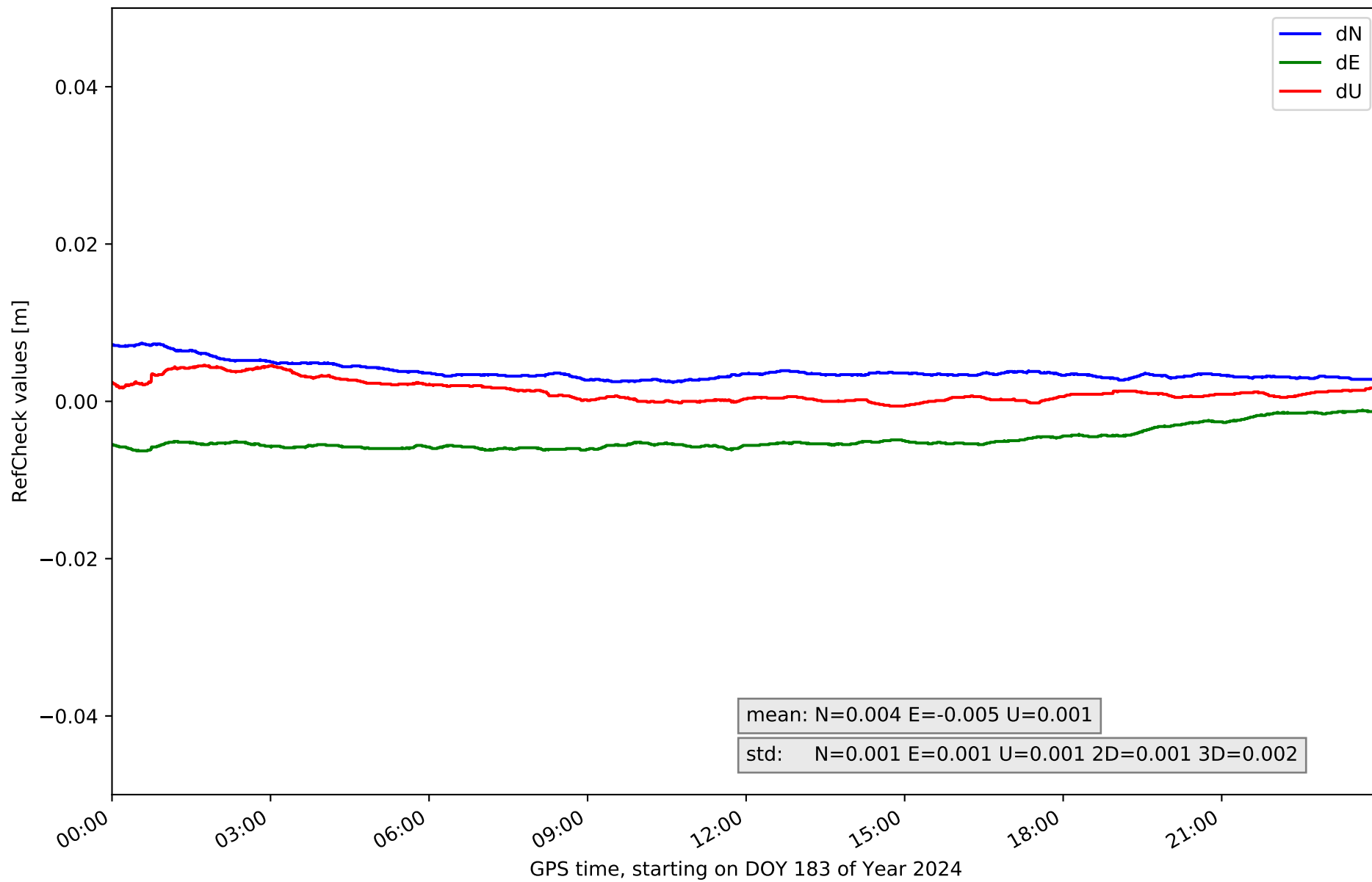
# RefCheck for station CRNA in network NET5



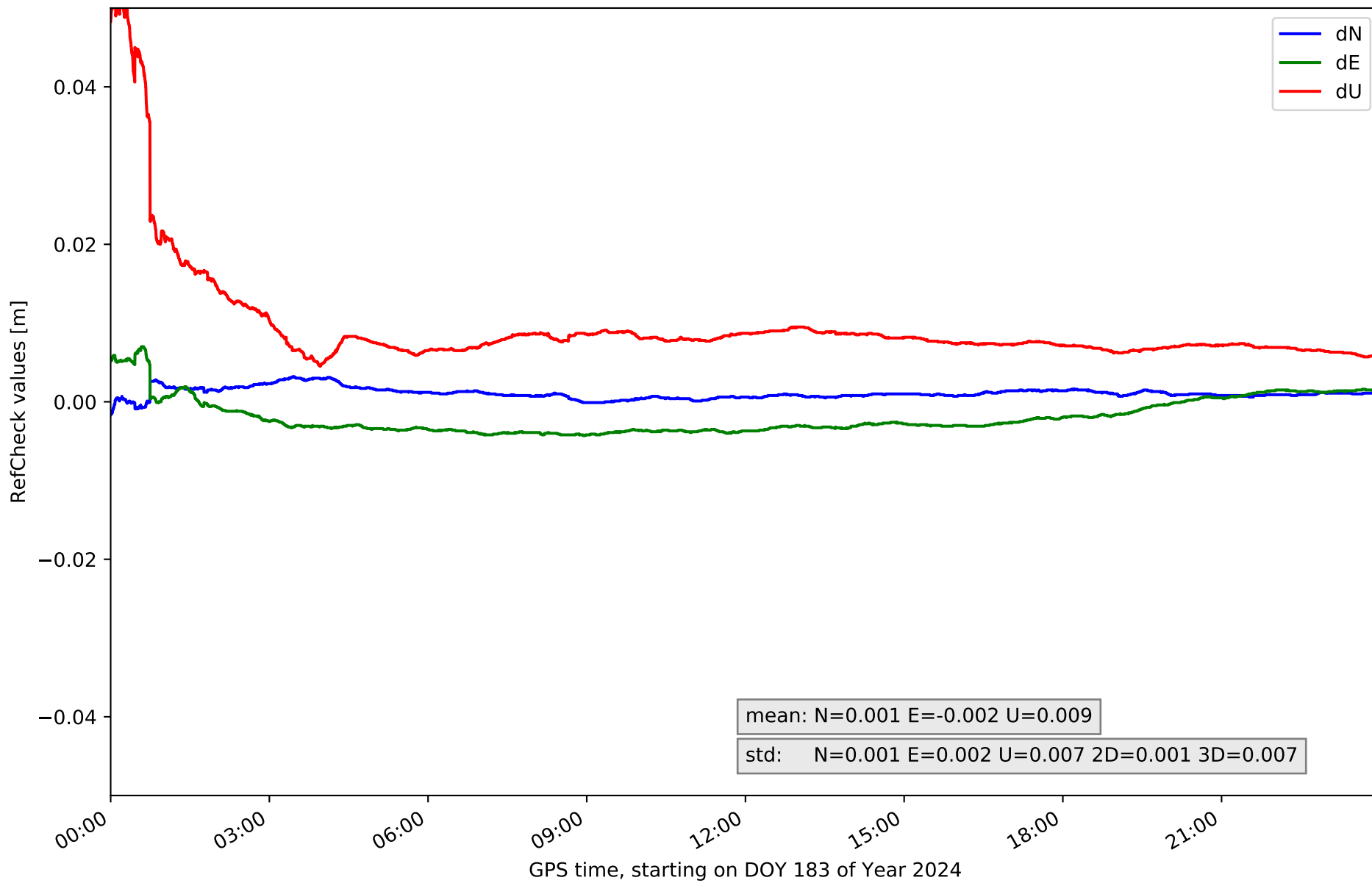
### RefCheck for station LERM in network NET5



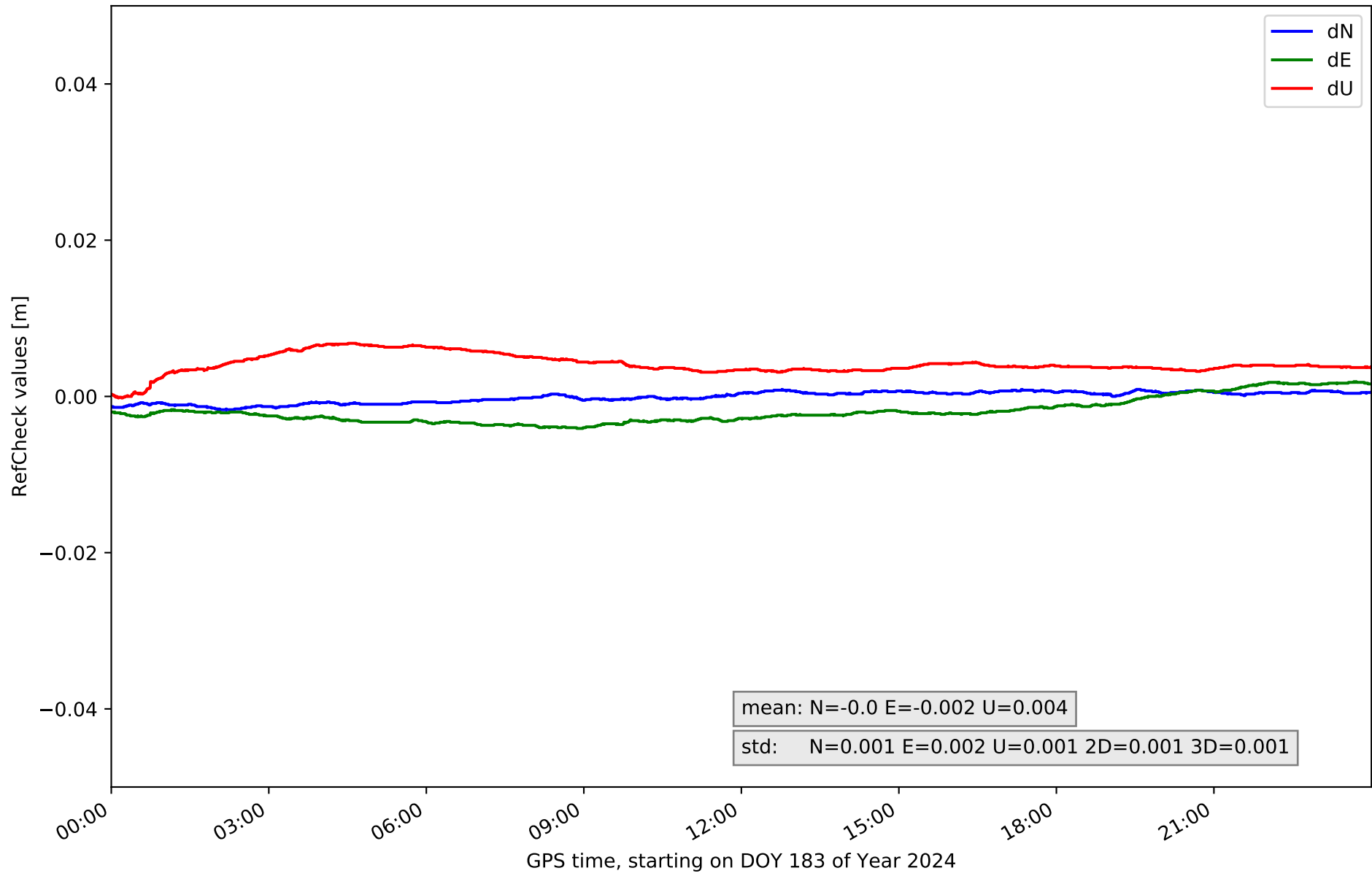
### RefCheck for station QINT in network NET5



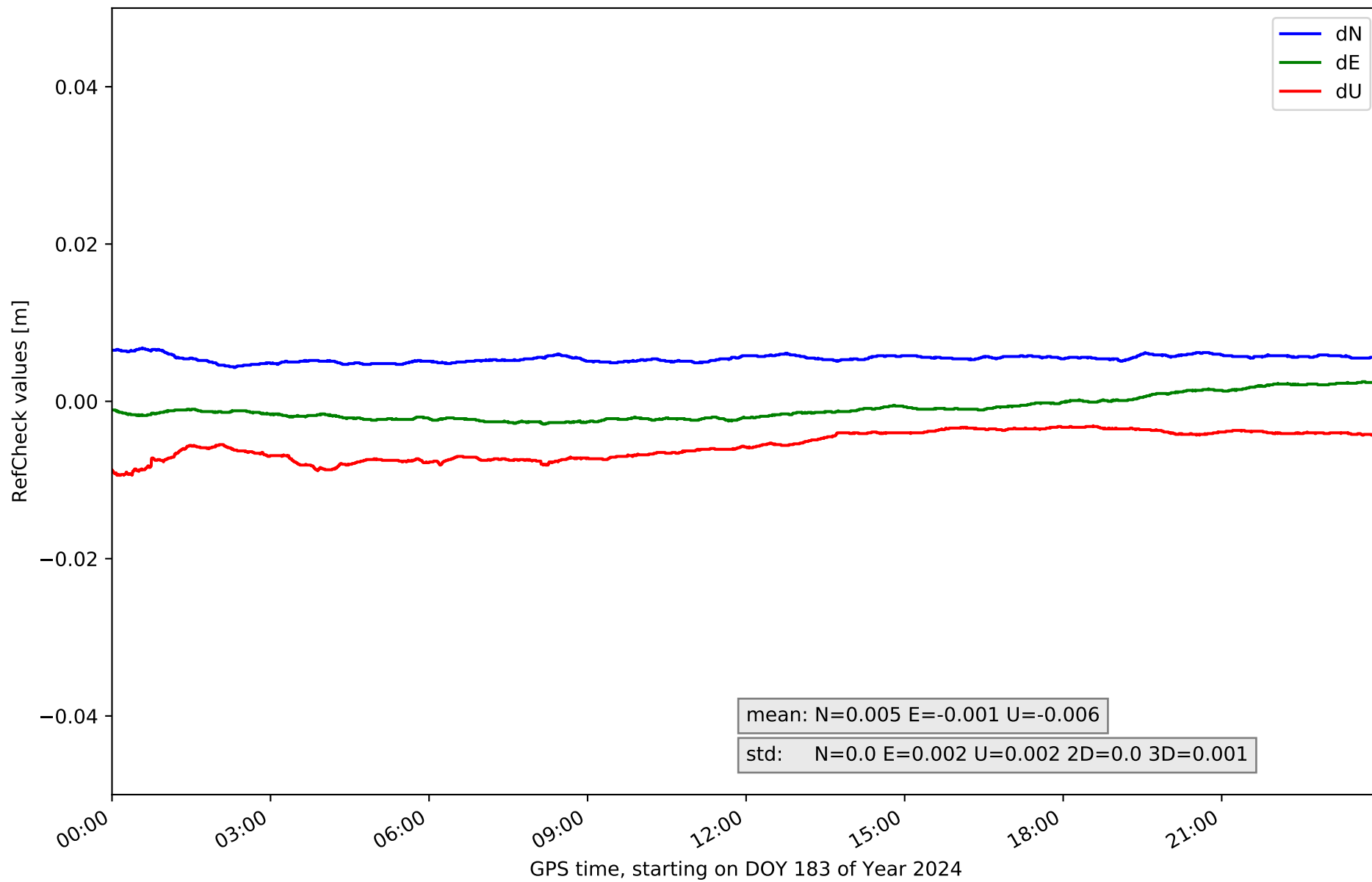
# RefCheck for station QNTO in network NET5



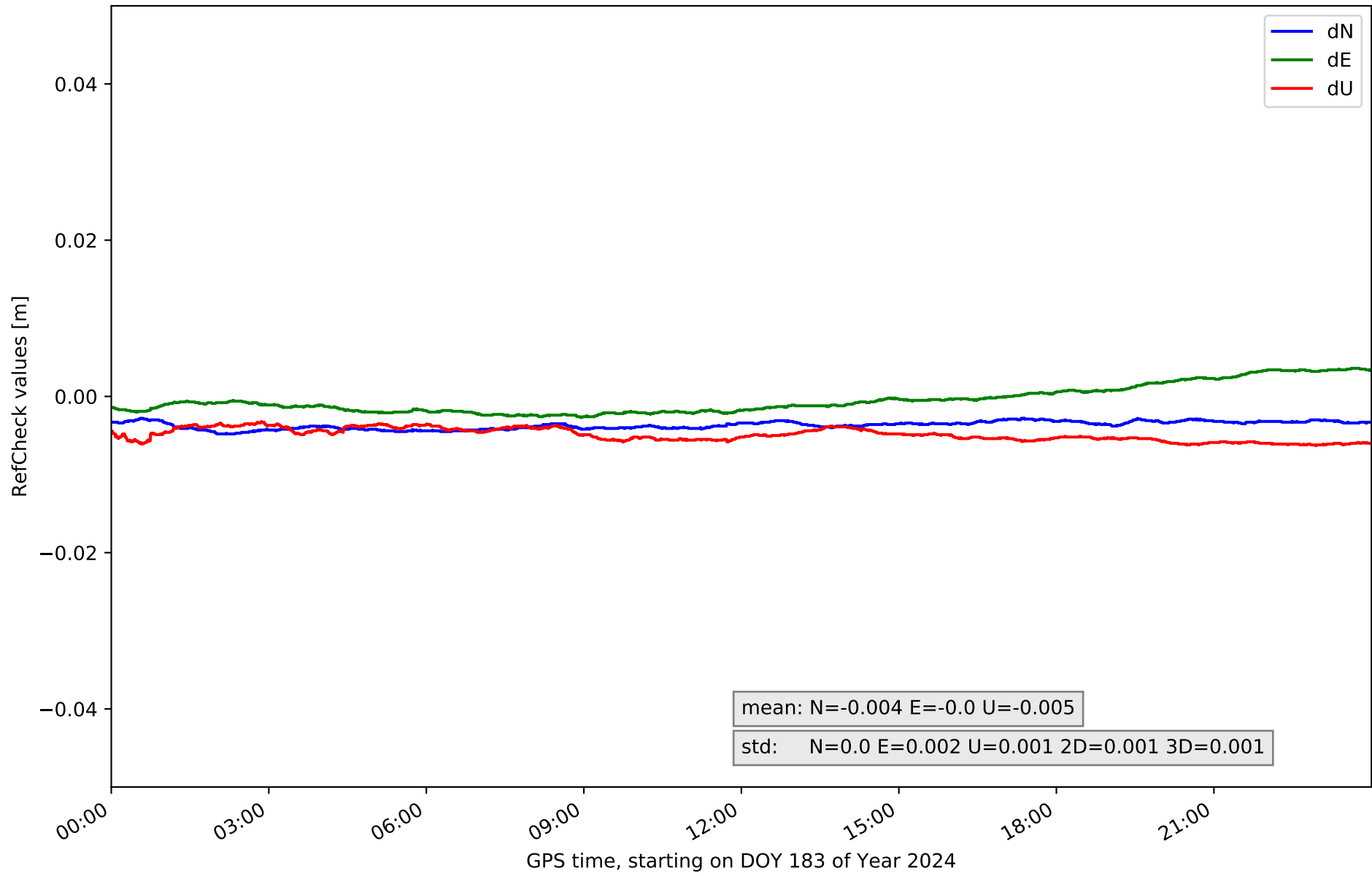
# RefCheck for station SORI in network NET5



### RefCheck for station SR0M in network NET5



# RefCheck for station VTRO in network NET5



## RefCheck values for network NET5

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01     | % 2D > 0.01  | #3D > 0.02   | % 3D > 0.02 |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|-------------|
| AGRD           | 0.004         | 0.006        | 0.0          | -0.004        | 0.001        | 0.002        | -0.002        | 0.007        | 0.002        | 0.001        | 0.001        | 0              | 0.0          | 0            | 0.0         |
| ALMZ           | 0.005         | 0.007        | 0.001        | -0.002        | 0.004        | 0.002        | 0.01          | 0.017        | 0.001        | 0.001        | 0.001        | 0              | 0.0          | 0            | 0.0         |
| ARDU           | 0.005         | 0.007        | 0.0          | -0.01         | -0.003       | 0.002        | -0.001        | 0.01         | 0.002        | 0.001        | 0.0          | 36307          | 44.8         | 0            | 0.0         |
| CALA           | -0.001        | 0.001        | 0.0          | -0.005        | 0.002        | 0.002        | -0.023        | -0.002       | 0.006        | 0.001        | 0.006        | 0              | 0.0          | 9815         | 12.1        |
| CALH           | 0.004         | 0.006        | 0.0          | -0.003        | 0.003        | 0.002        | -0.002        | 0.004        | 0.001        | 0.001        | 0.001        | 0              | 0.0          | 0            | 0.0         |
| CASO           | -0.0          | 0.002        | 0.0          | -0.009        | -0.003       | 0.002        | -0.007        | 0.0          | 0.001        | 0.002        | 0.002        | 0              | 0.0          | 0            | 0.0         |
| CATY           | -0.002        | 0.002        | 0.001        | -0.004        | 0.001        | 0.001        | -0.003        | 0.004        | 0.002        | 0.001        | 0.001        | 0              | 0.0          | 0            | 0.0         |
| CERV           | -0.008        | -0.006       | 0.001        | -0.016        | -0.01        | 0.002        | -0.005        | 0.002        | 0.002        | 0.002        | 0.002        | 81085          | 100.0        | 0            | 0.0         |
| CRNA           | -0.0          | 0.002        | 0.0          | -0.004        | 0.001        | 0.002        | -0.004        | 0.004        | 0.001        | 0.001        | 0.001        | 0              | 0.0          | 0            | 0.0         |
| LERM           | -0.004        | -0.001       | 0.001        | -0.016        | -0.01        | 0.002        | -0.001        | 0.006        | 0.002        | 0.002        | 0.001        | 81085          | 100.0        | 0            | 0.0         |
| QINT           | 0.002         | 0.007        | 0.001        | -0.006        | -0.001       | 0.001        | -0.001        | 0.005        | 0.001        | 0.001        | 0.002        | 0              | 0.0          | 0            | 0.0         |
| QNTO           | -0.002        | 0.003        | 0.001        | -0.004        | 0.007        | 0.002        | 0.004         | 0.052        | 0.007        | 0.001        | 0.007        | 0              | 0.0          | 3741         | 4.6         |
| SORI           | -0.002        | 0.001        | 0.001        | -0.004        | 0.002        | 0.002        | -0.0          | 0.007        | 0.001        | 0.001        | 0.001        | 0              | 0.0          | 0            | 0.0         |
| SROM           | 0.004         | 0.007        | 0.0          | -0.003        | 0.003        | 0.002        | -0.009        | -0.003       | 0.002        | 0.0          | 0.001        | 0              | 0.0          | 0            | 0.0         |
| VTRO           | -0.005        | -0.003       | 0.0          | -0.003        | 0.004        | 0.002        | -0.006        | -0.003       | 0.001        | 0.001        | 0.001        | 0              | 0.0          | 0            | 0.0         |
| <b>Mean</b>    | <b>0.0</b>    | <b>0.003</b> | <b>0.0</b>   | <b>-0.006</b> | <b>0.0</b>   | <b>0.002</b> | <b>-0.003</b> | <b>0.007</b> | <b>0.002</b> | <b>0.001</b> | <b>0.002</b> | <b>13231.8</b> | <b>16.3</b>  | <b>903.7</b> | <b>1.1</b>  |
| <b>Min/Max</b> | <b>-0.008</b> | <b>0.007</b> | <b>0.001</b> | <b>-0.016</b> | <b>0.007</b> | <b>0.002</b> | <b>-0.023</b> | <b>0.052</b> | <b>0.007</b> | <b>0.002</b> | <b>0.007</b> | <b>81085</b>   | <b>100.0</b> | <b>9815</b>  | <b>12.1</b> |



fixing statistic for network NET5

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 94.3     | 94.9 | 94.4 | 96.0 | 90.1 |
| considering satellites with dual-frequency fixed | 90.9     | 91.8 | 92.4 | 91.9 | 84.4 |
| considering all signals separately               | 90.5     | 91.6 | 92.4 | 92.2 | 81.0 |