

## summary for network NET6

timeperiod chosen: from 2024-10-17-00:00:00 until 2024-10-17-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.3 seconds

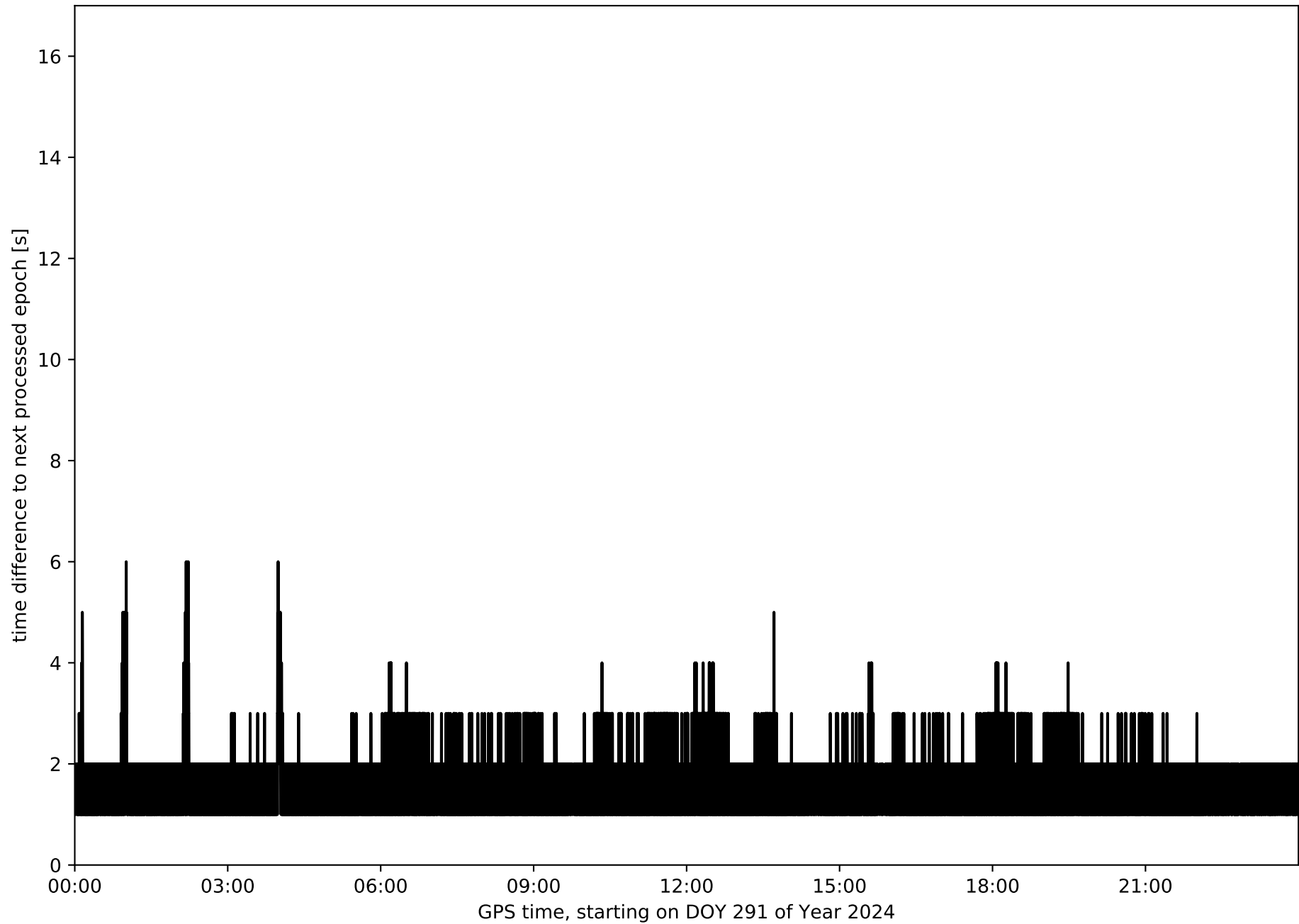
average fixing percentage with threshold set to 0.3: 87.3 percent

stations available: 16 of 16

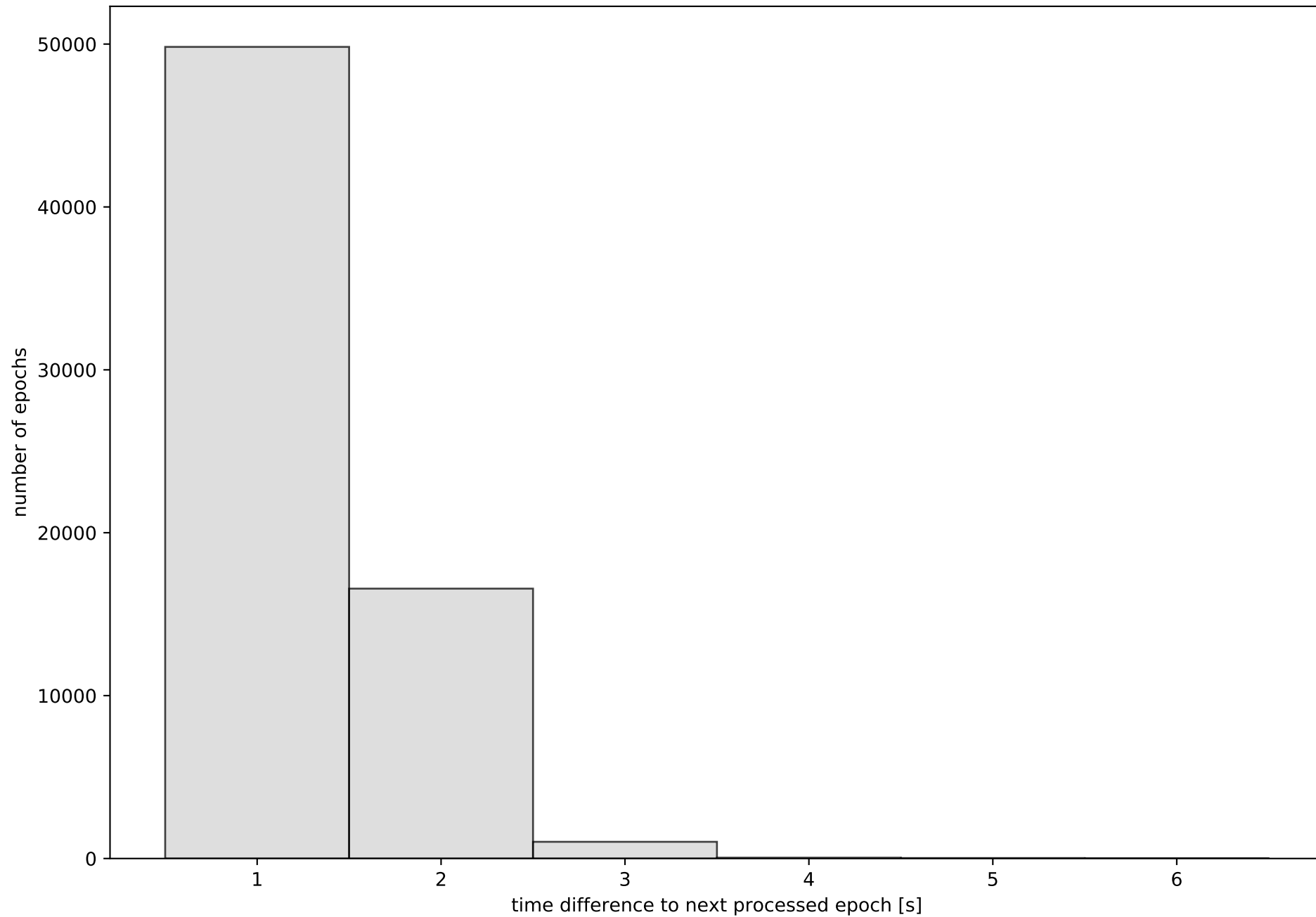
station information:

|               |                              |                              |                  |
|---------------|------------------------------|------------------------------|------------------|
| station ASTO: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50         | height: 940.596  |
| station BURB: | antenna: LEIAR20 LEIM        | receiver: LEICA GR25         | height: 1051.549 |
| station CNAR: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50         | height: 479.4    |
| station FRRL: | antenna: LEIAR20 LEIM        | receiver: LEICA GR25         | height: 111.696  |
| station GRSL: | antenna: LEIAX1203+GNSS NONE | receiver: LEICA GRX1200+GNSS | height: 691.257  |
| station GUDI: | antenna: TRM57971.00 TZGD    | receiver: TRIMBLE NETR9      | height: 1074.696 |
| station LNGS: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50         | height: 62.438   |
| station LUAR: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50         | height: 131.92   |
| station LUGO: | antenna: LEIAR25.R3 LEIT     | receiver: LEICA GR10         | height: 476.66   |
| station ORTG: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50         | height: 66.493   |
| station PONF: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9      | height: 639.803  |
| station PSBR: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9      | height: 992.033  |
| station RODI: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9      | height: 1033.433 |
| station SNTG: | antenna: LEIAR25.R4 LEIT     | receiver: LEICA GR25         | height: 312.797  |
| station VEG1: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9      | height: 78.445   |
| station VIGO: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9      | height: 87.761   |

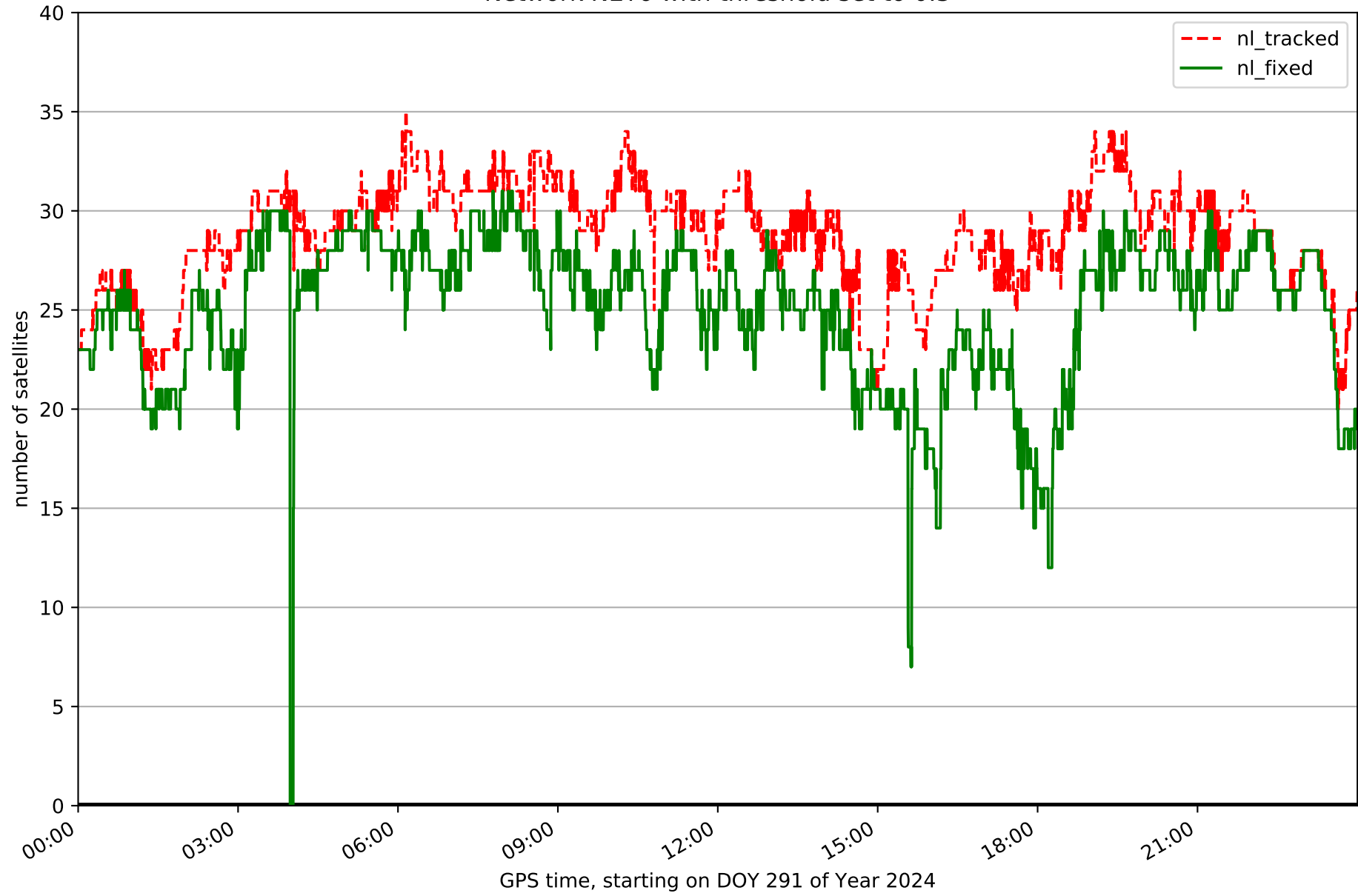
Processing rate in network NET6



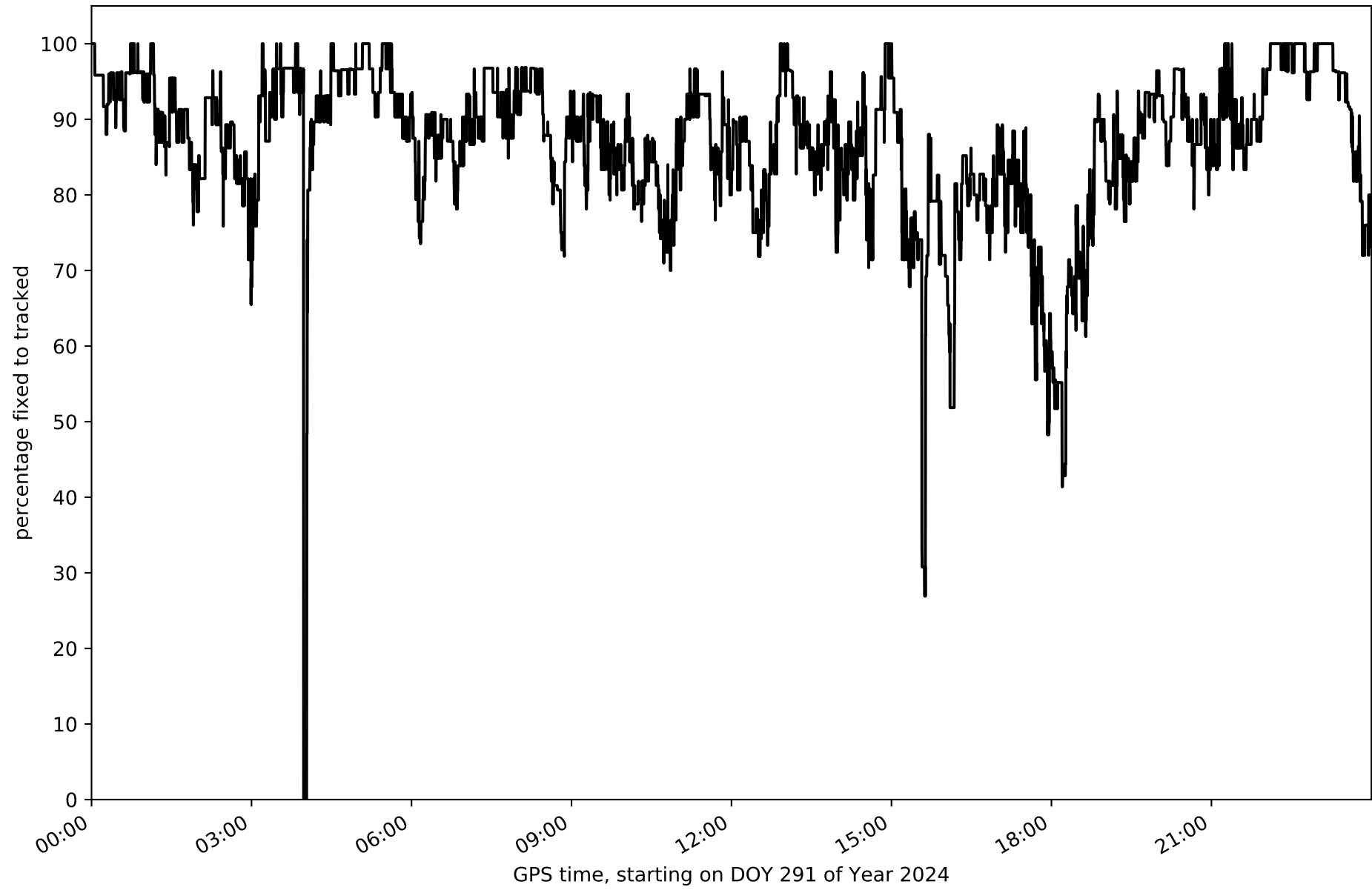
Histogram of the processing rate in network NET6 (durations larger 15 seconds neglected)



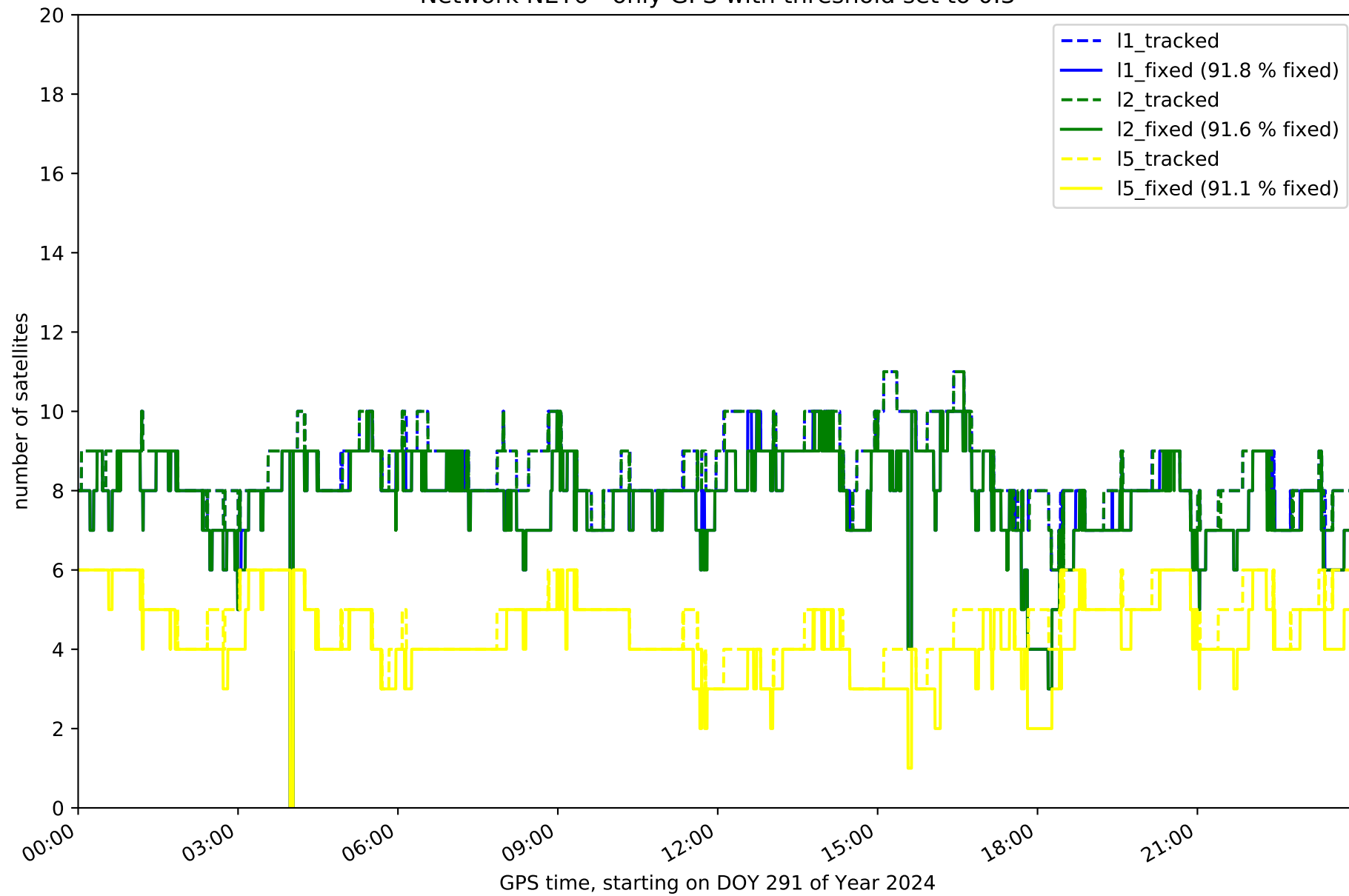
Network NET6 with threshold set to 0.3



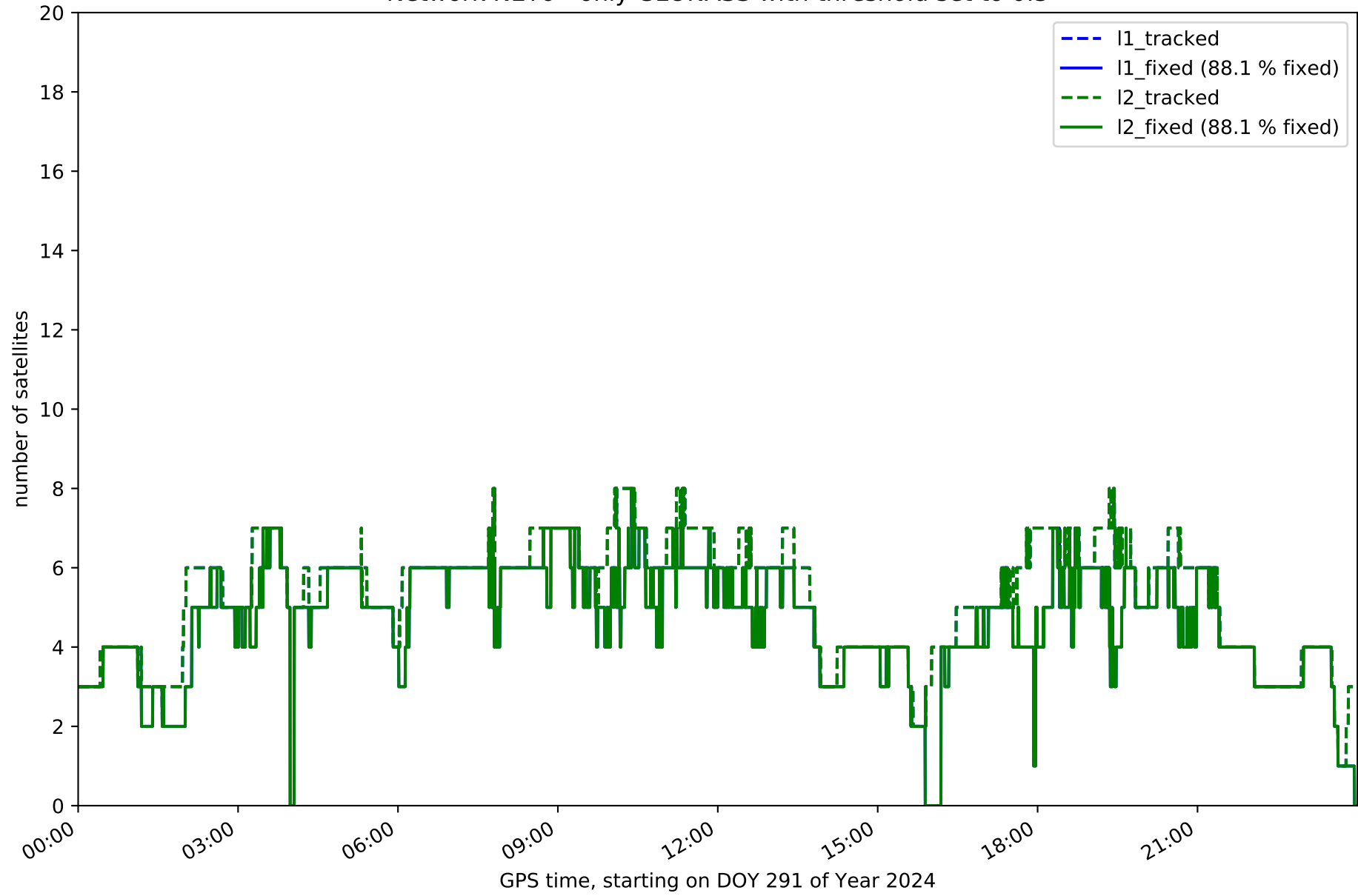
Fixing percentage of satellites in network NET6 with threshold set to 0.3



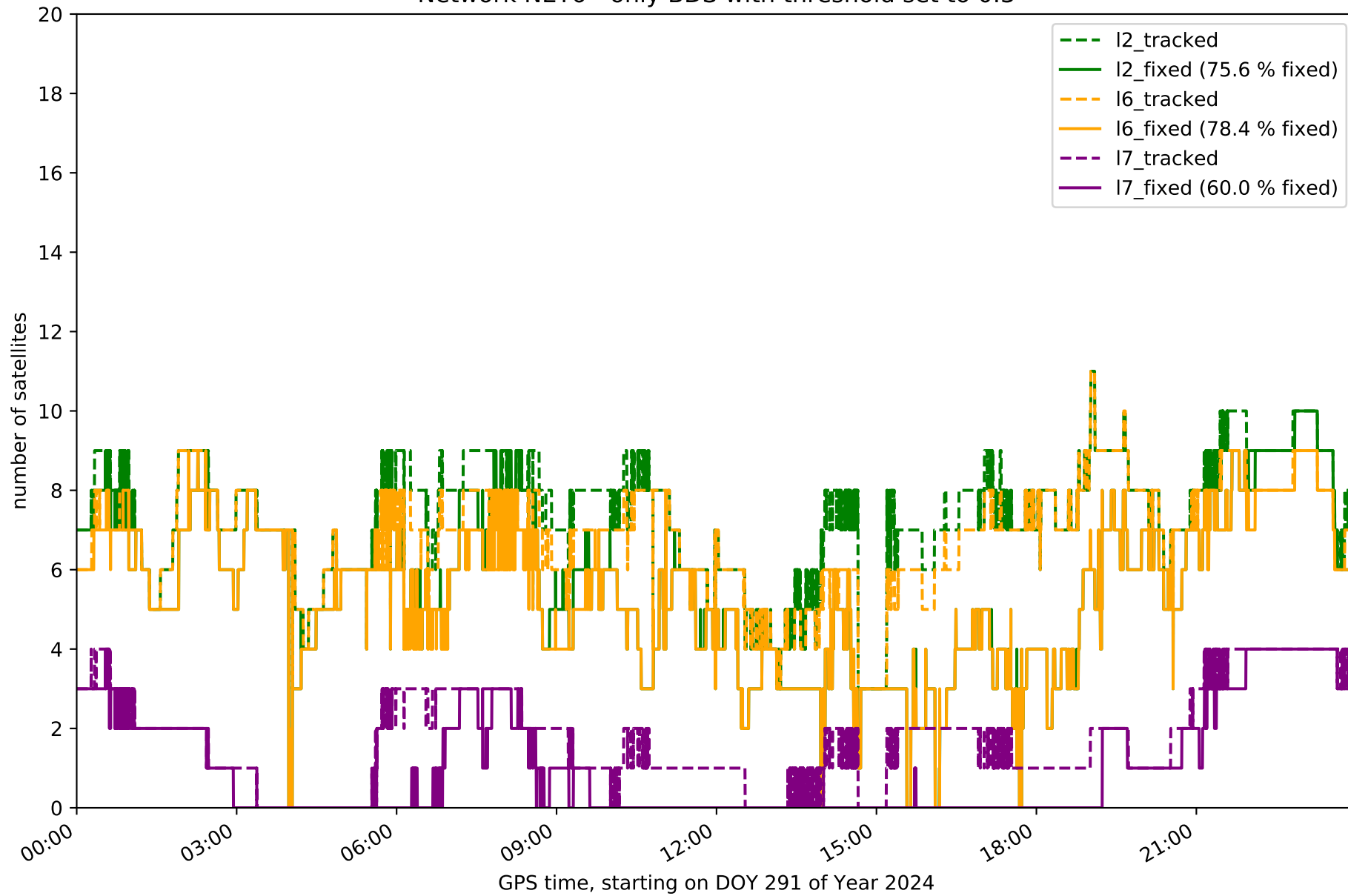
Network NET6 - only GPS with threshold set to 0.3



Network NET6 - only GLONASS with threshold set to 0.3

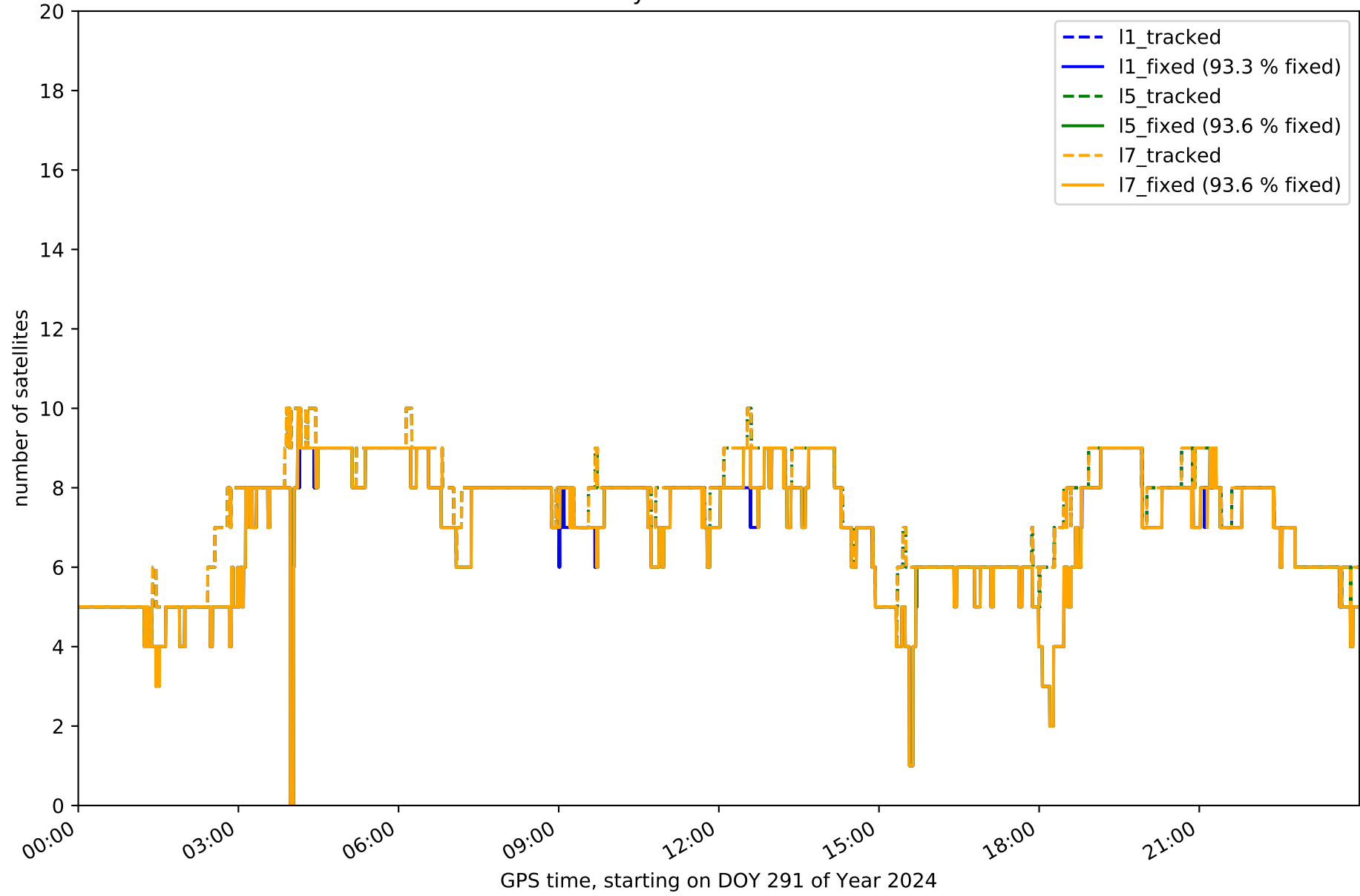


Network NET6 - only BDS with threshold set to 0.3

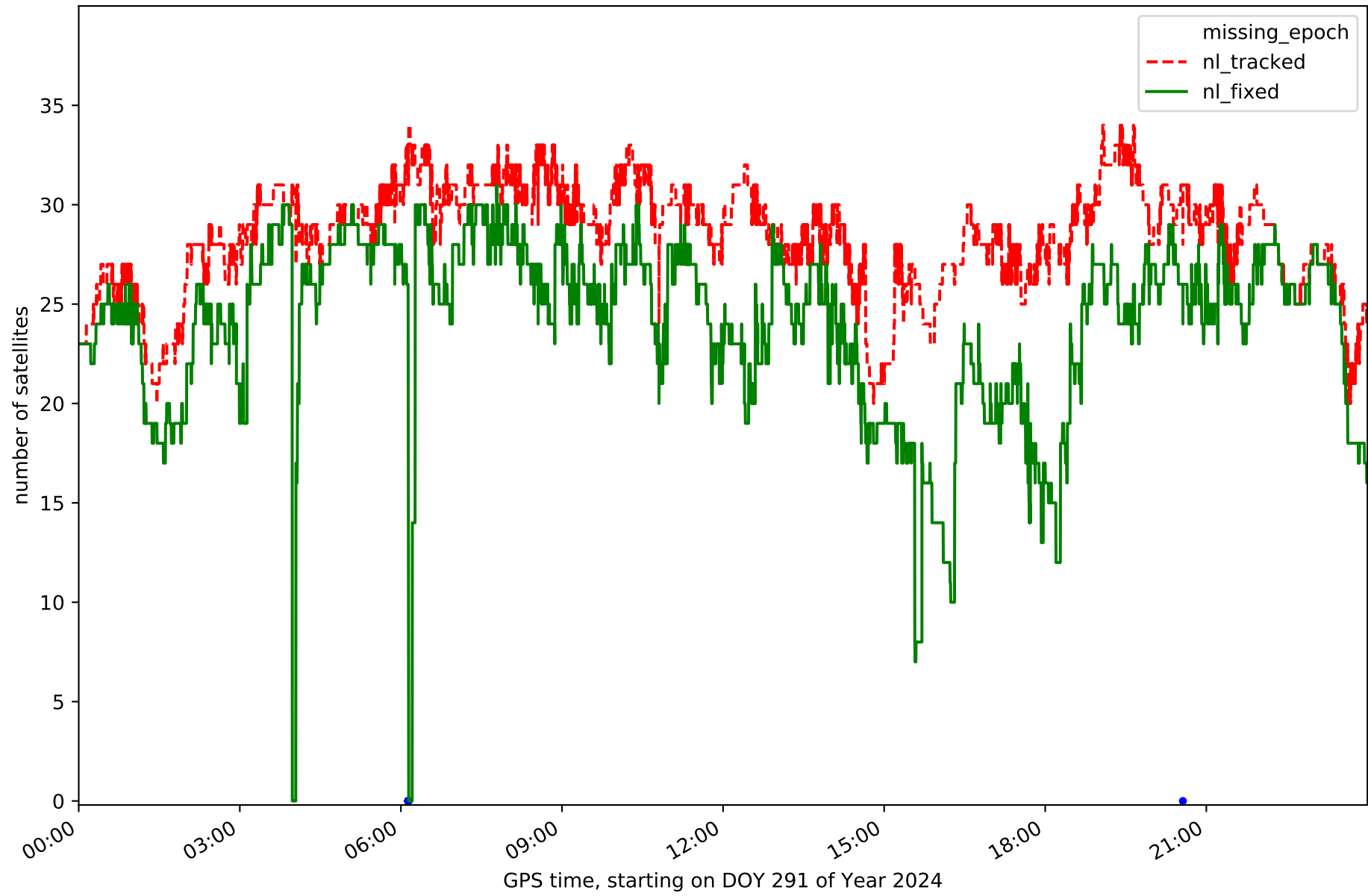




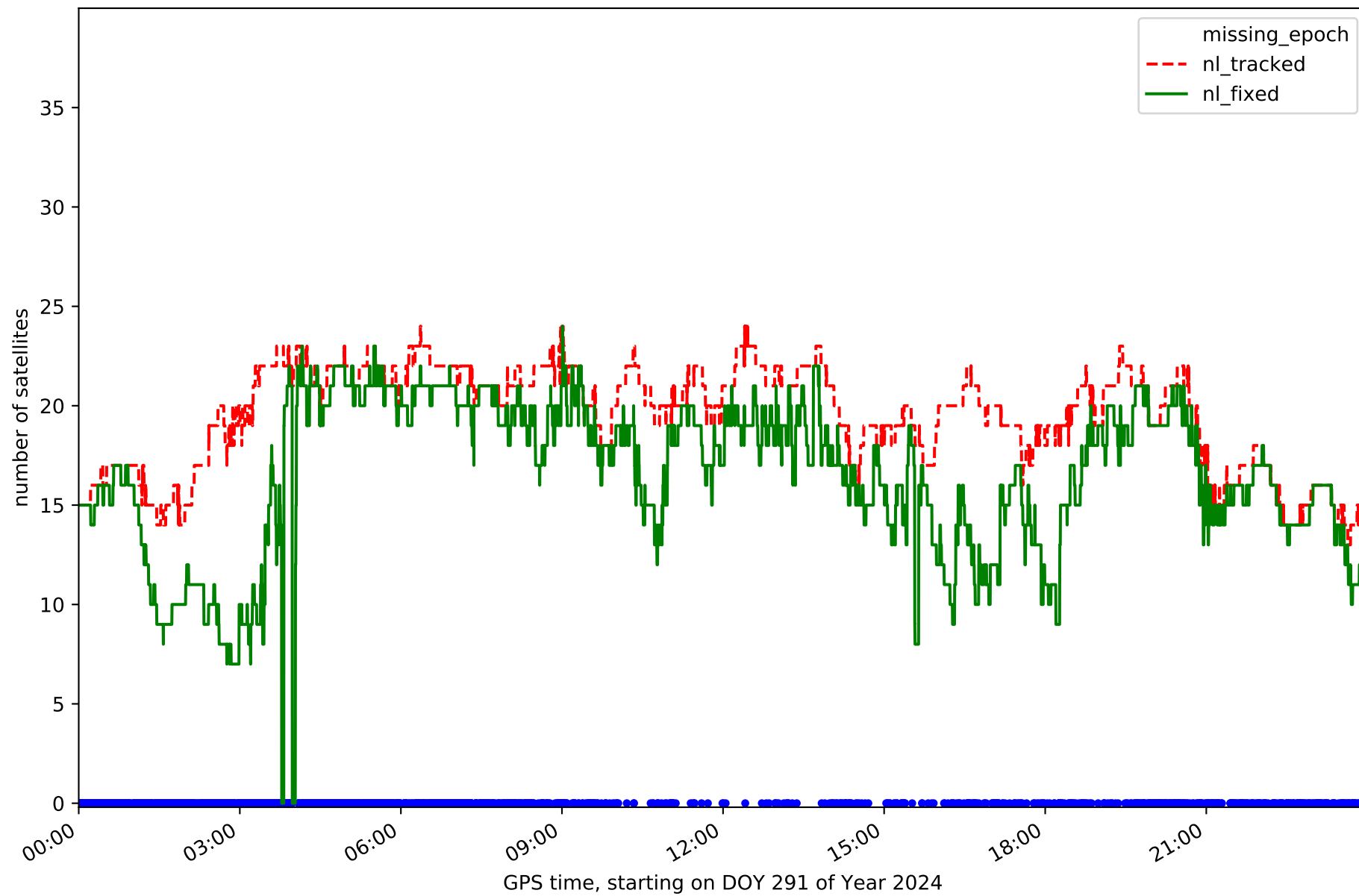
Network NET6 - only Galileo with threshold set to 0.3



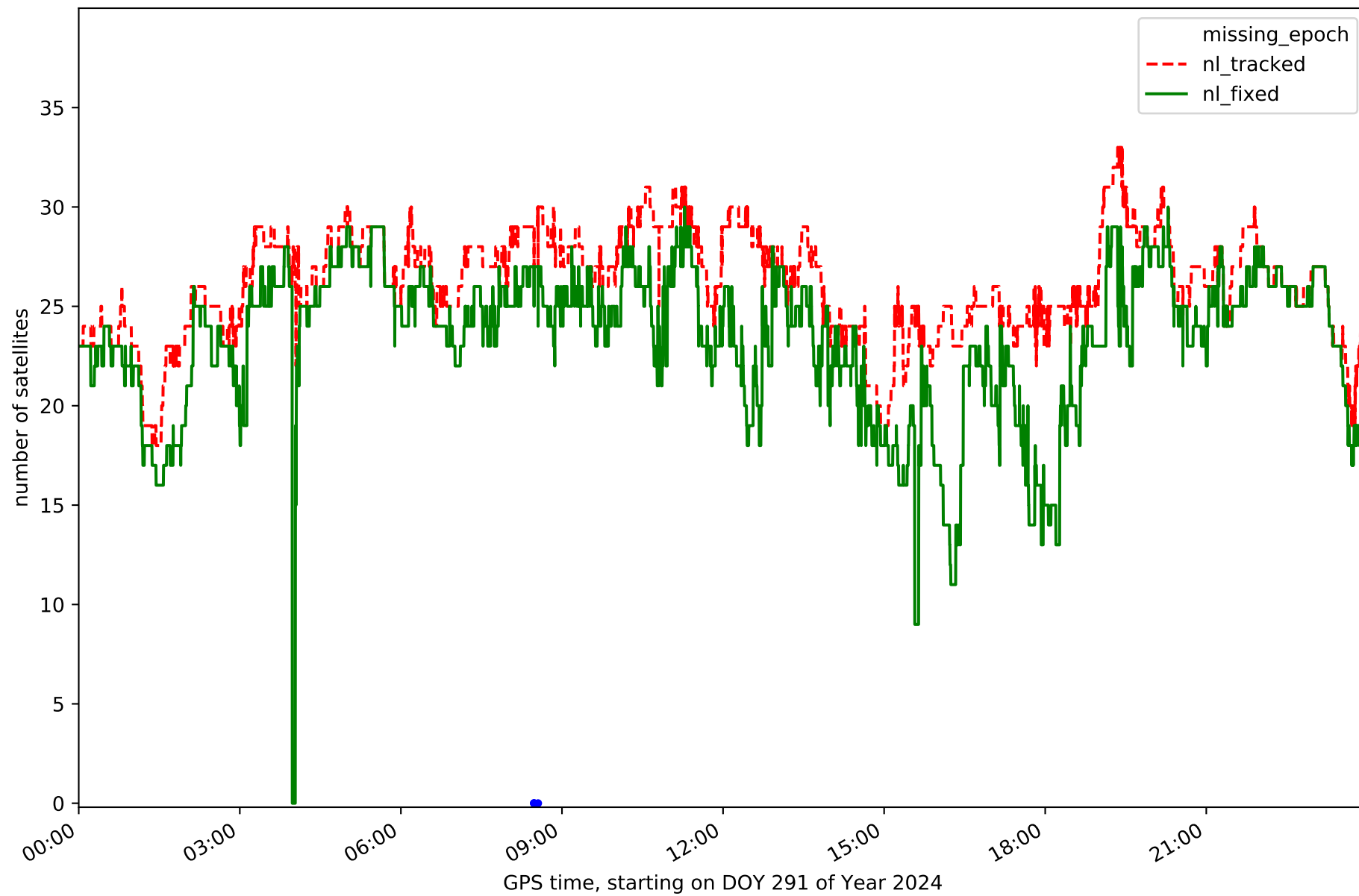
Station ASTO in network NET6



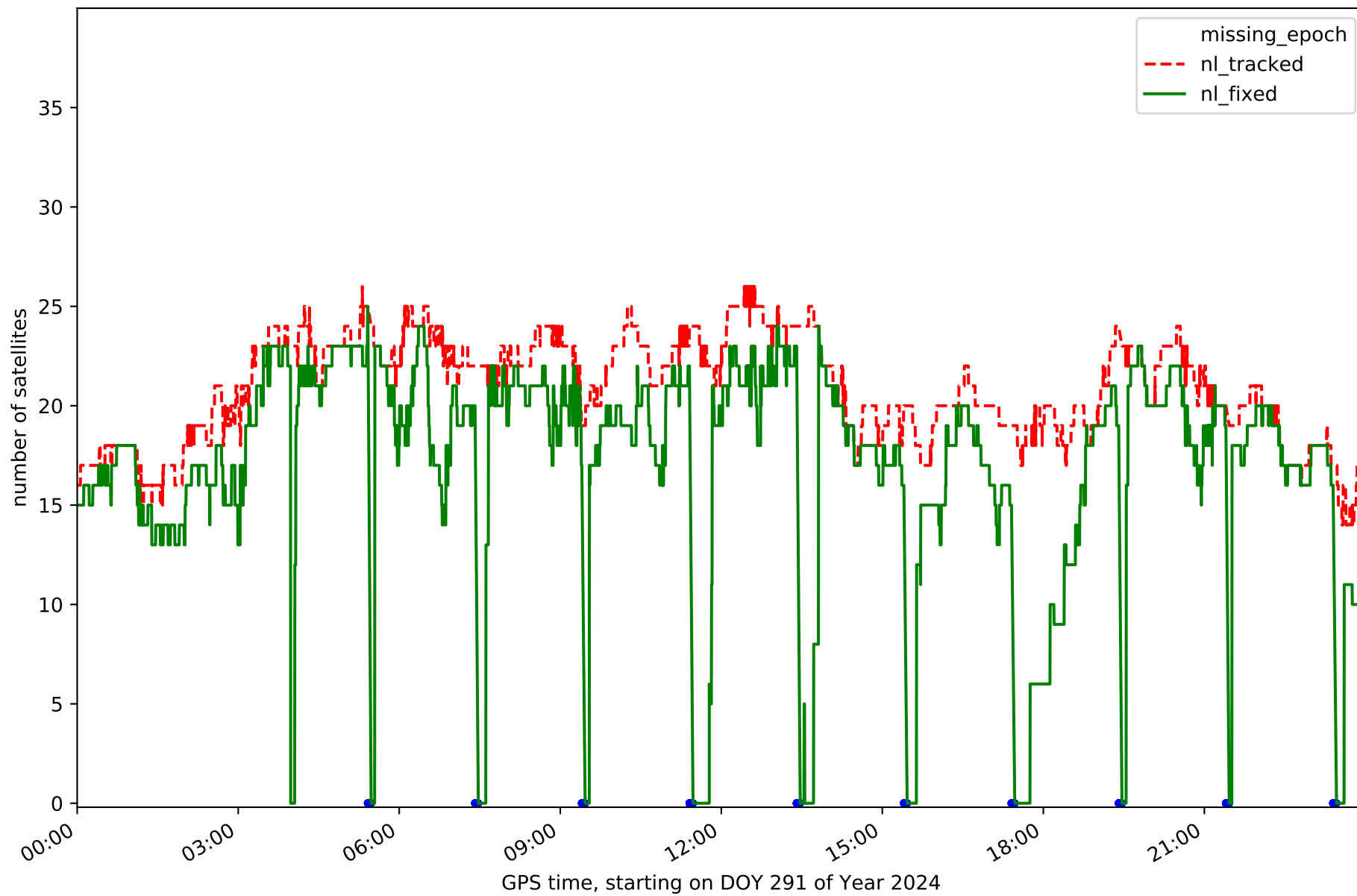
Station BURB in network NET6



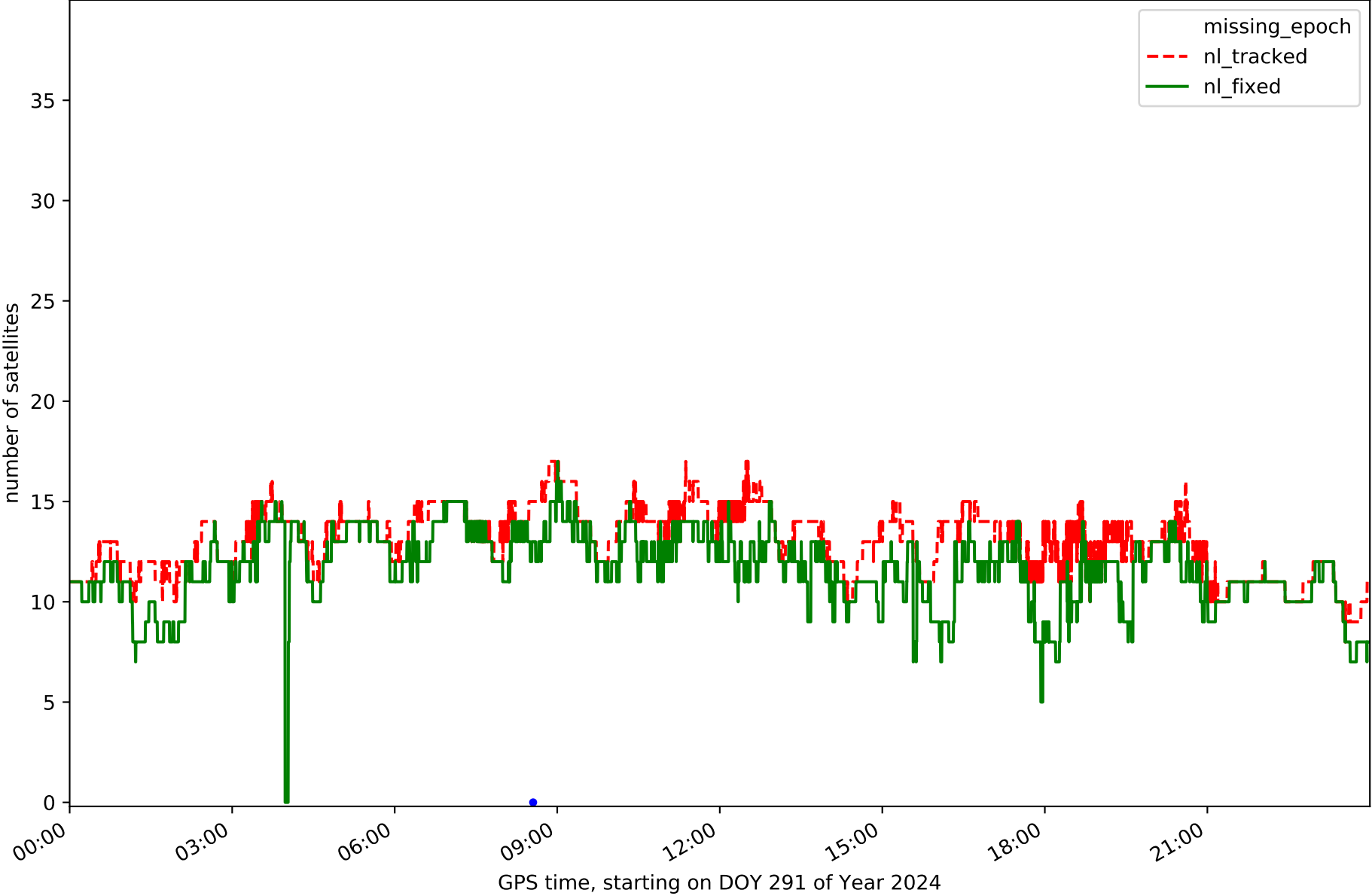
Station CNAR in network NET6



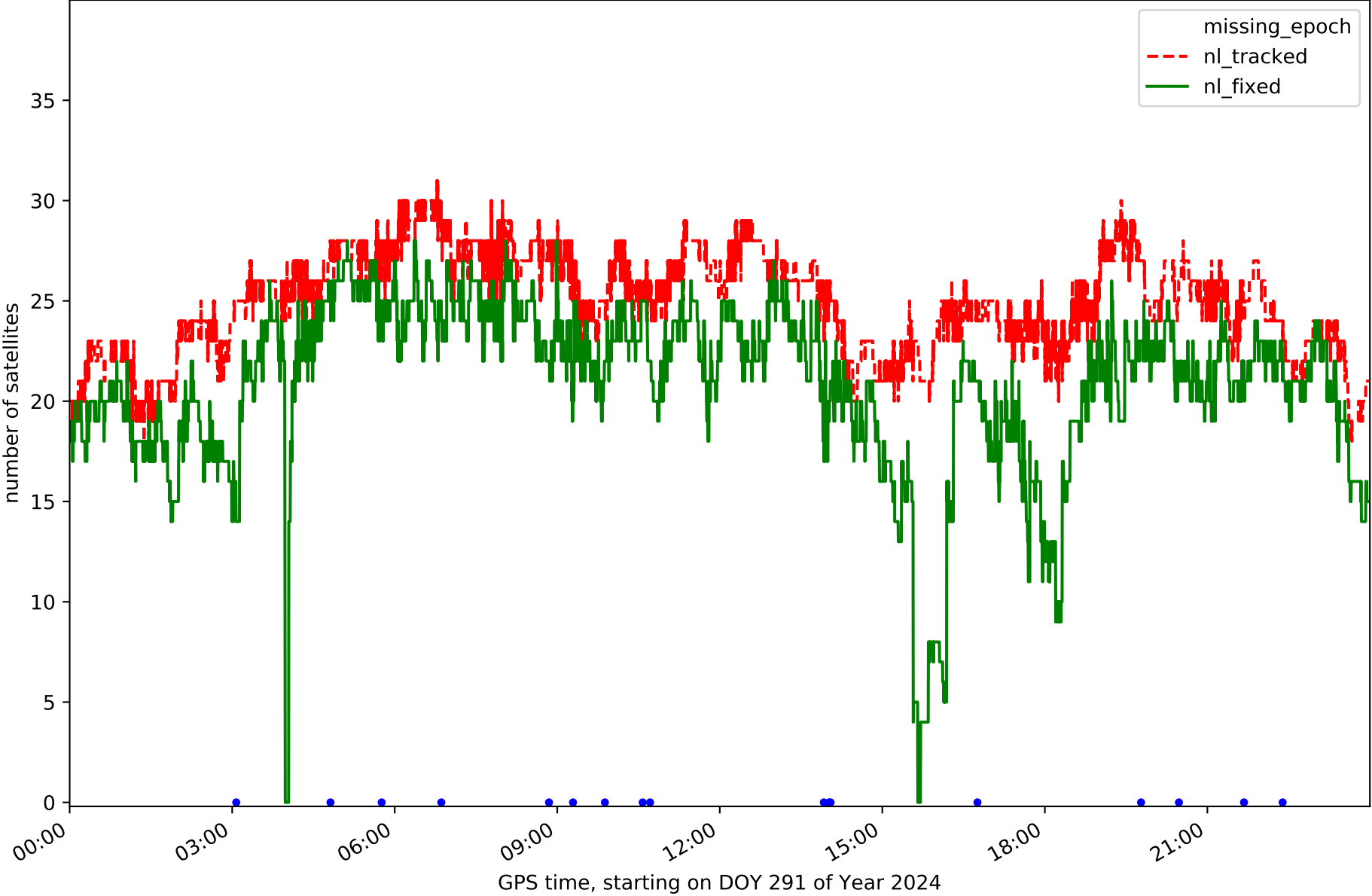
Station FRRL in network NET6



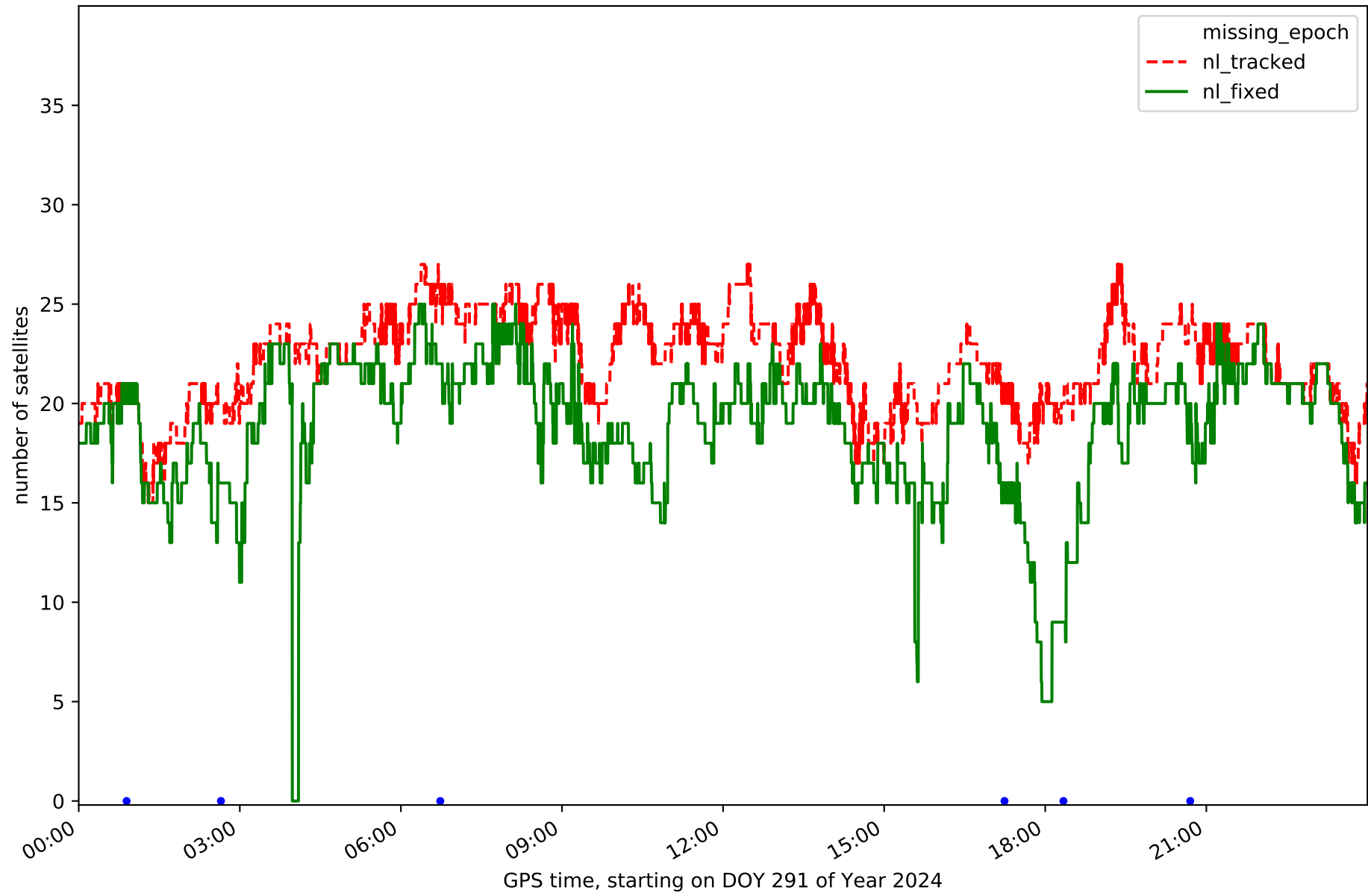
Station GRSL in network NET6



Station GUDI in network NET6

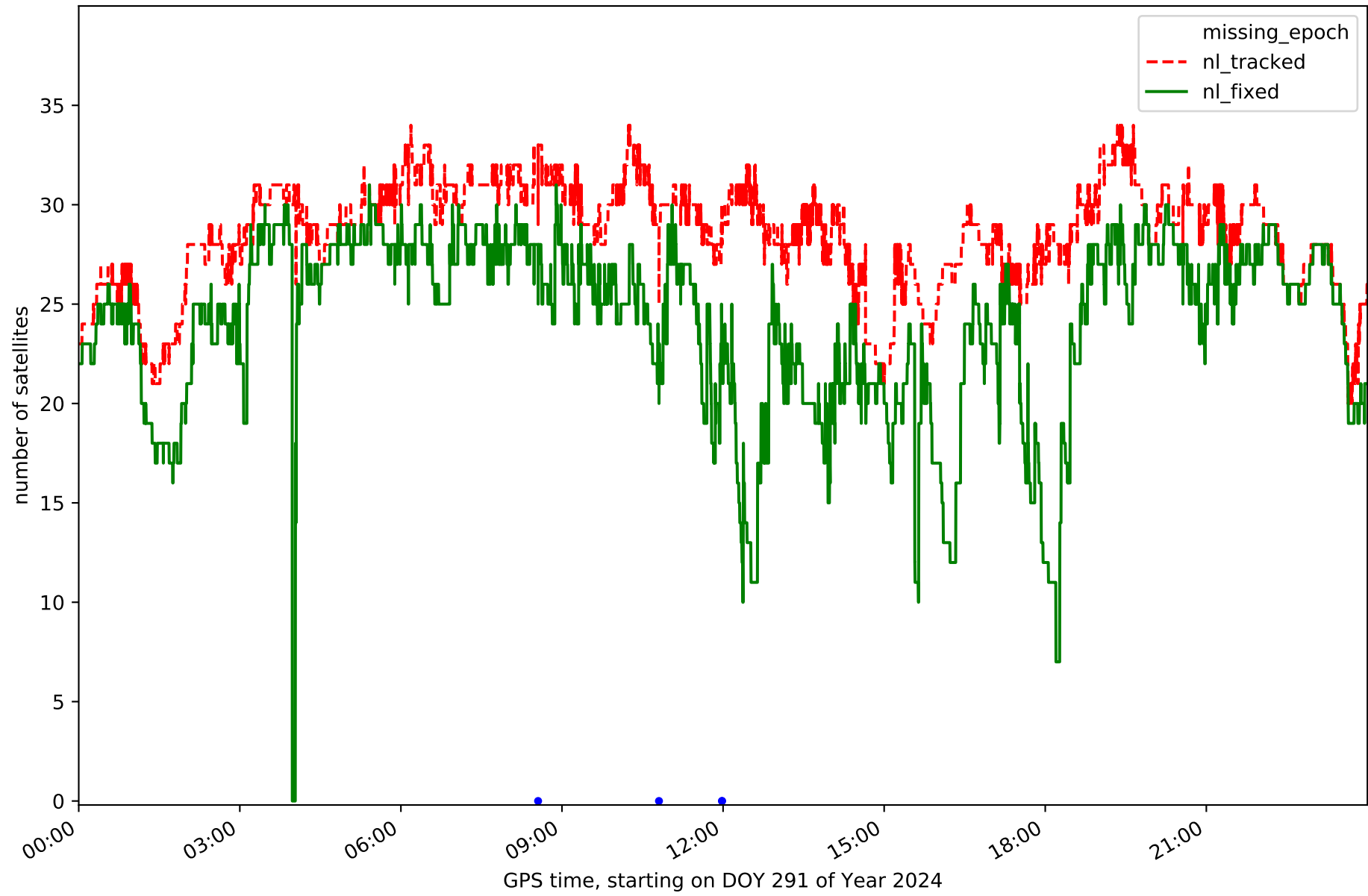


Station LNGS in network NET6

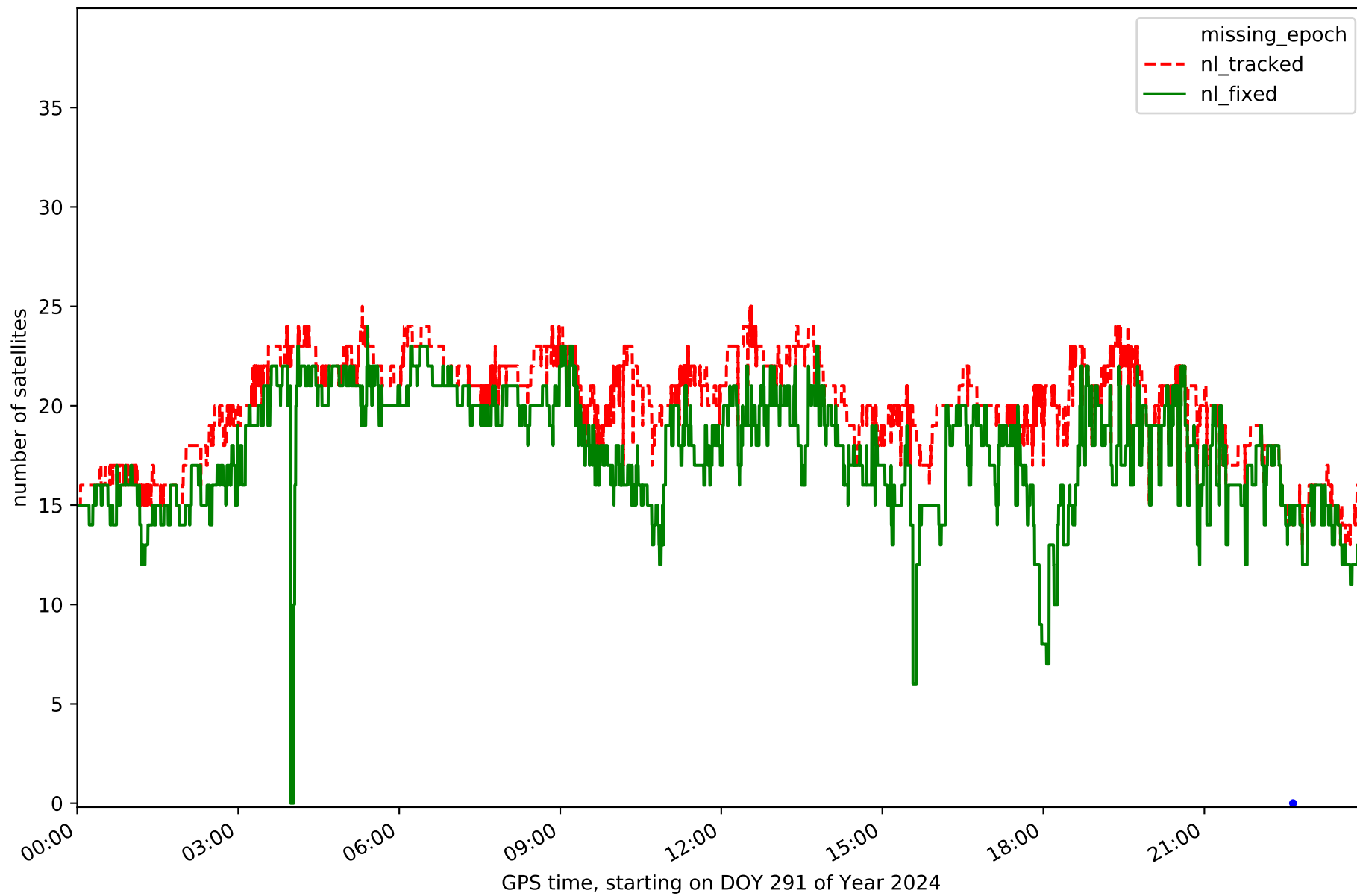




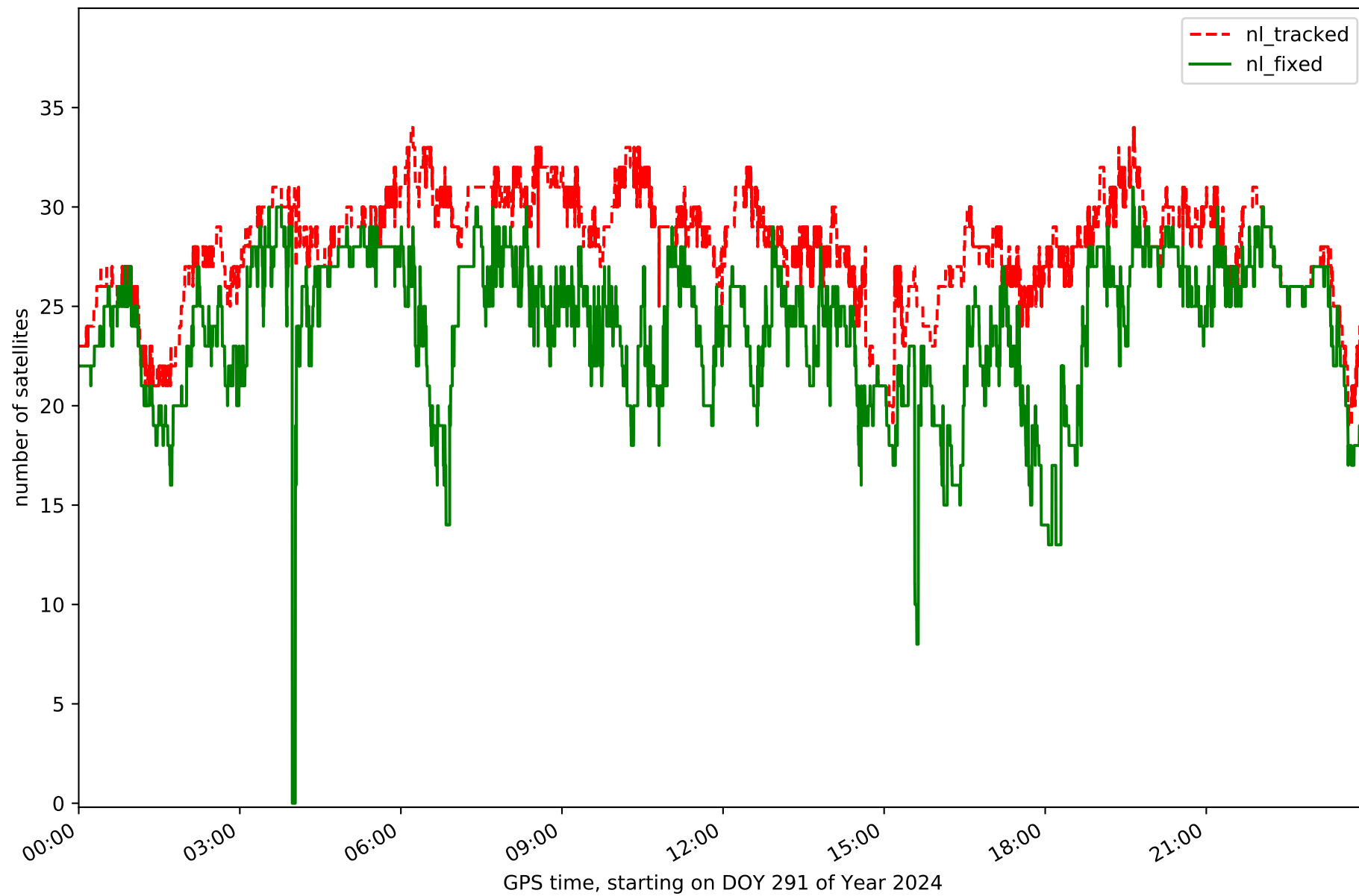
Station LUAR in network NET6



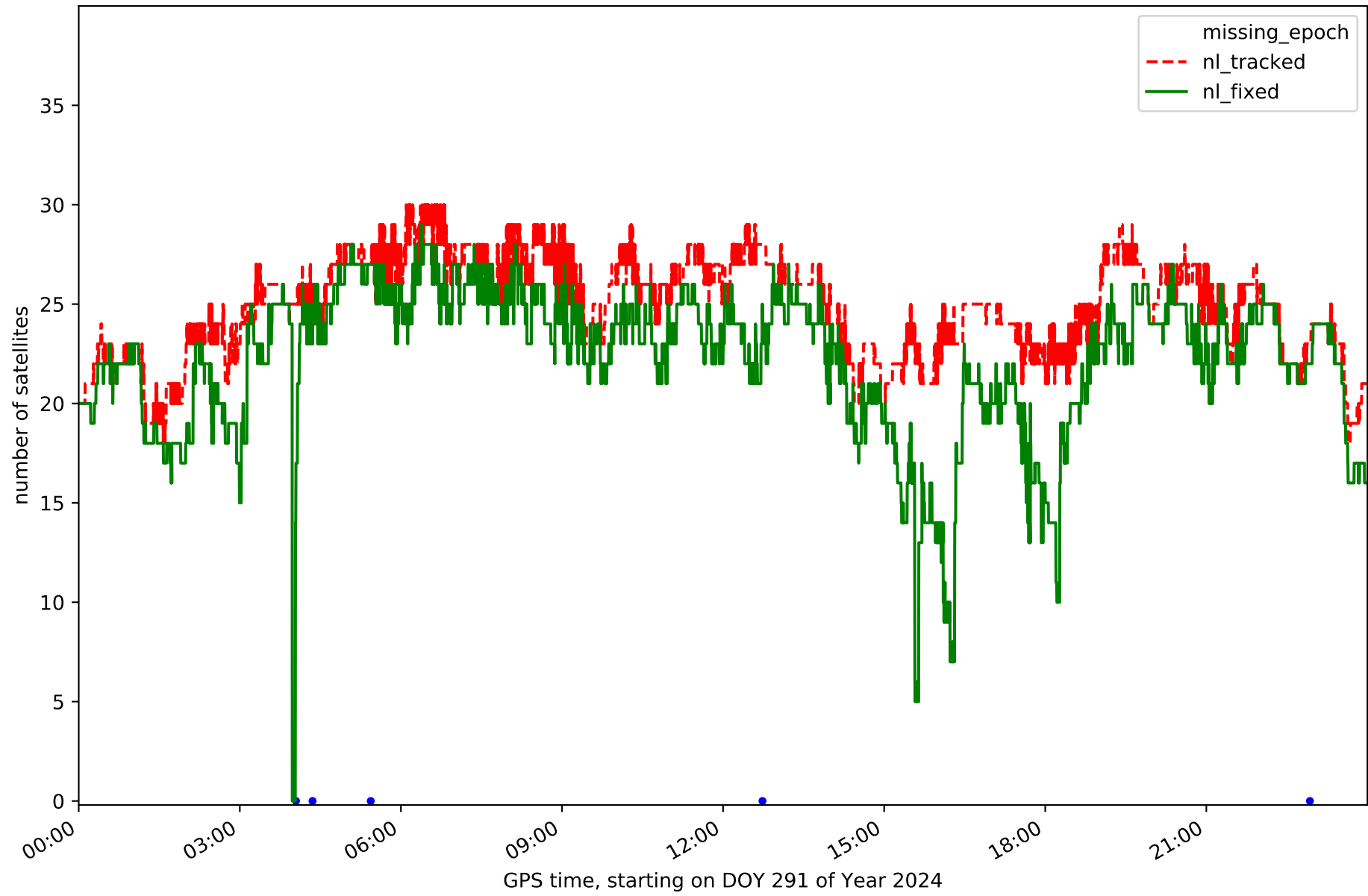
Station LUGO in network NET6



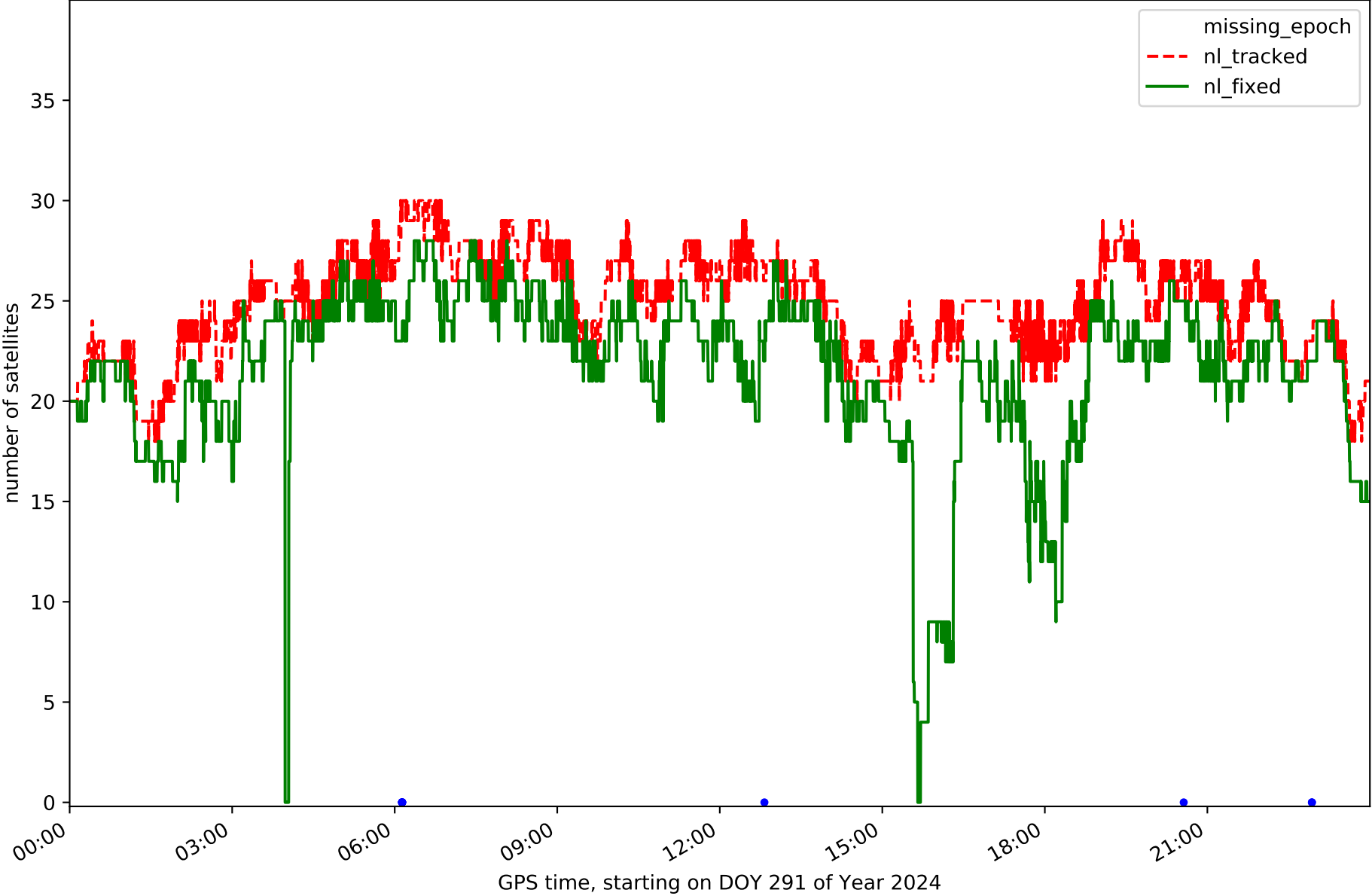
Station ORTG in network NET6



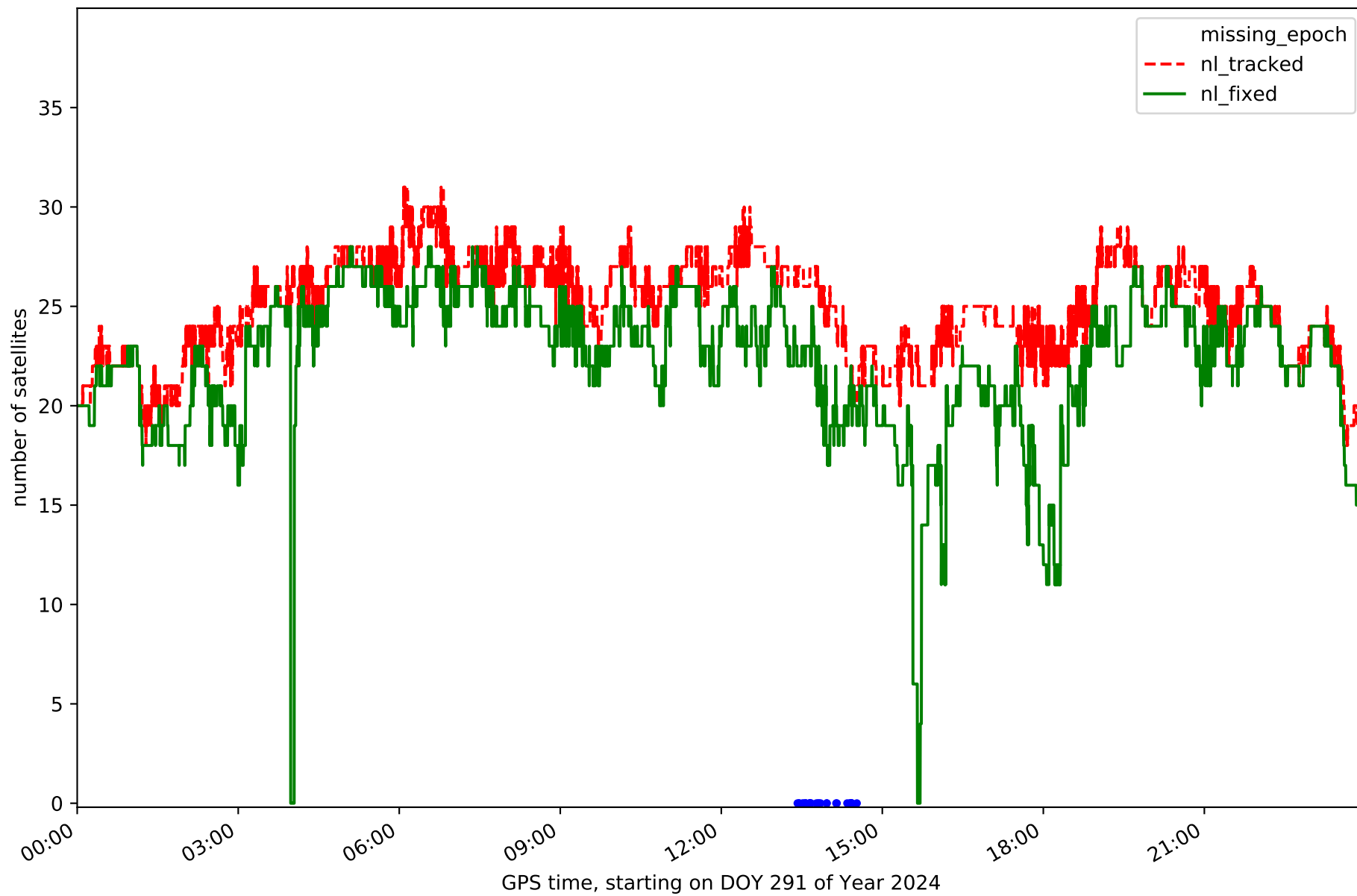
Station PONF in network NET6



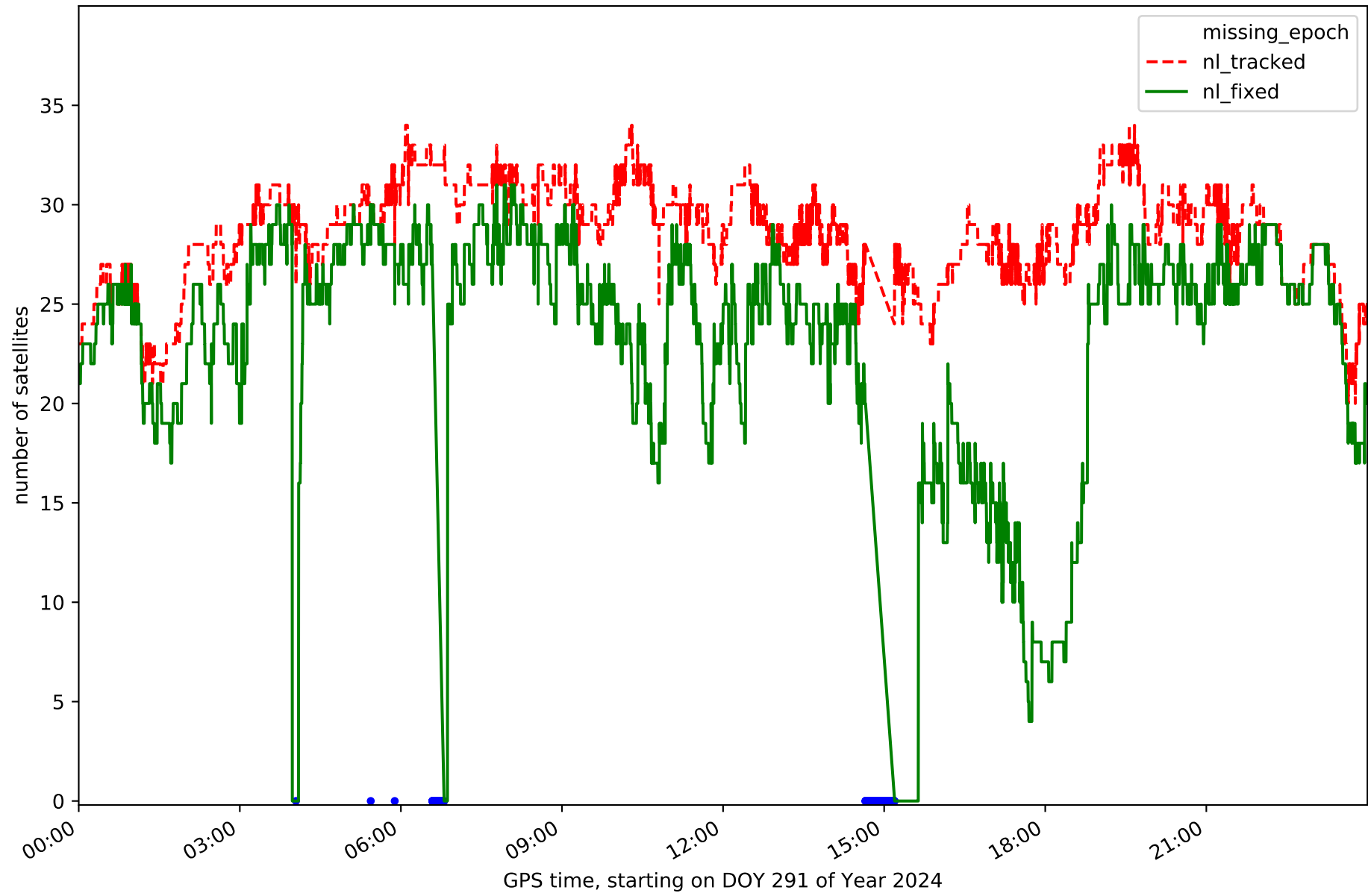
Station PSBR in network NET6



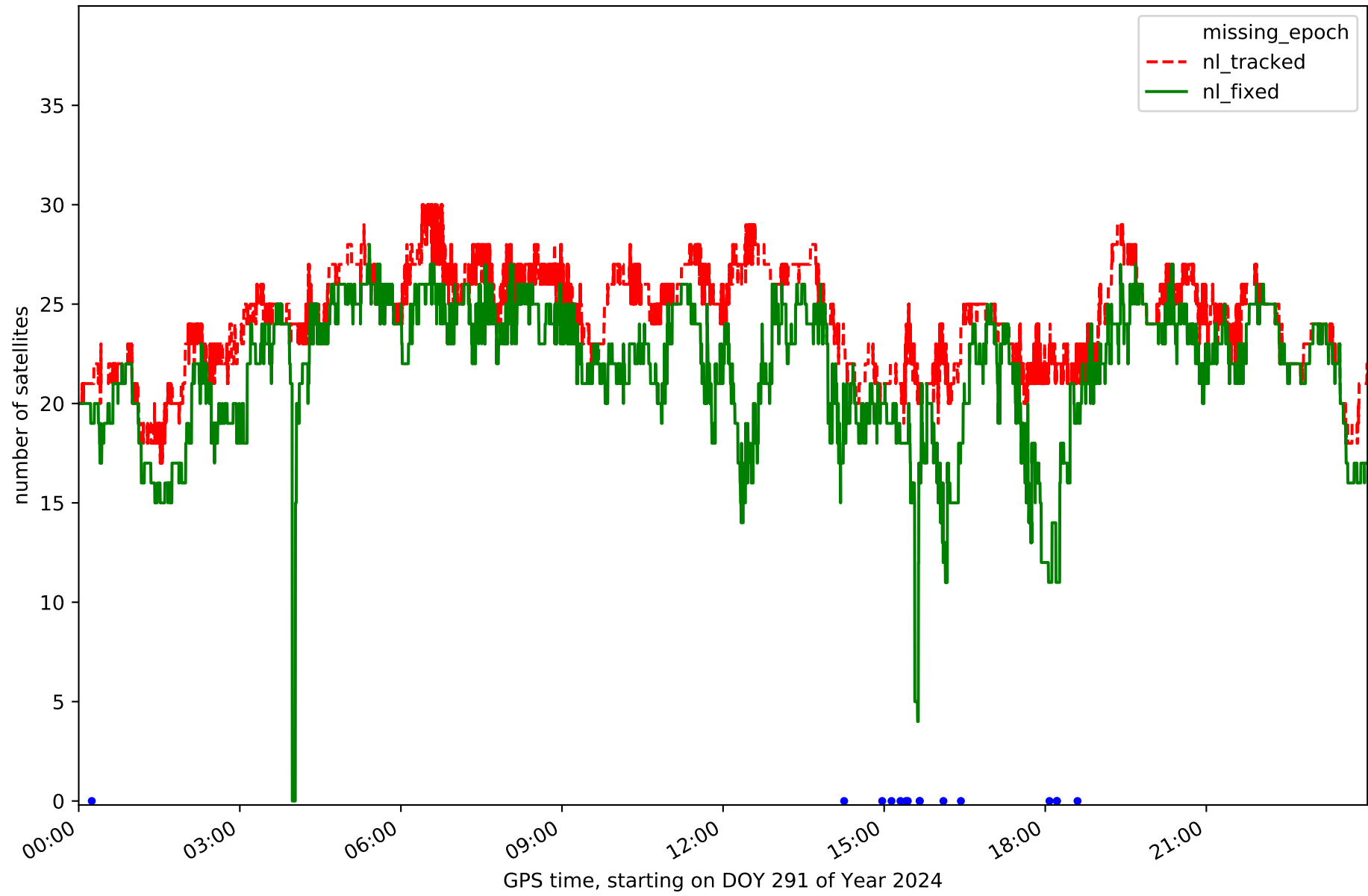
Station RODI in network NET6



Station SNTG in network NET6

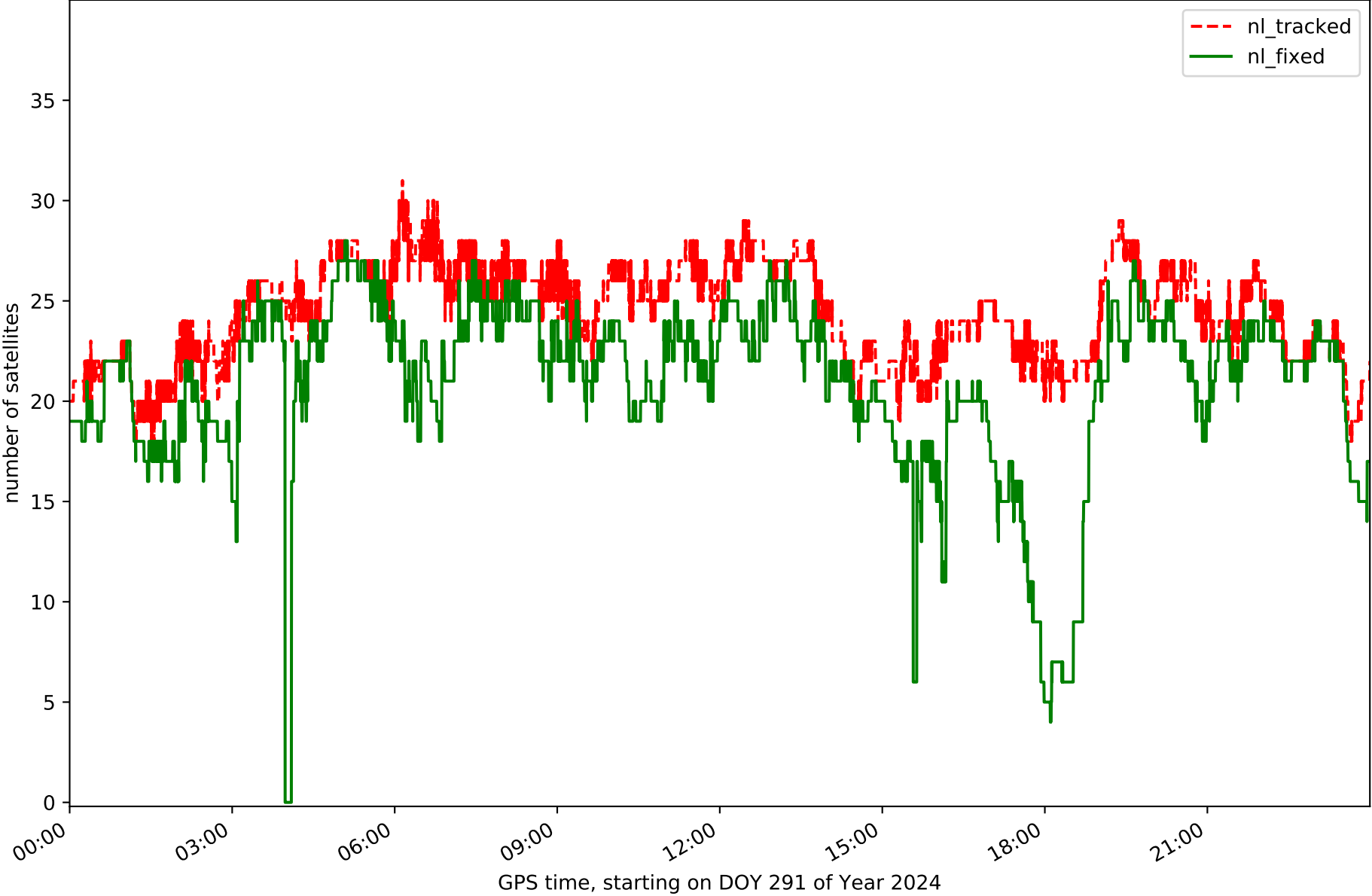


Station VEG1 in network NET6

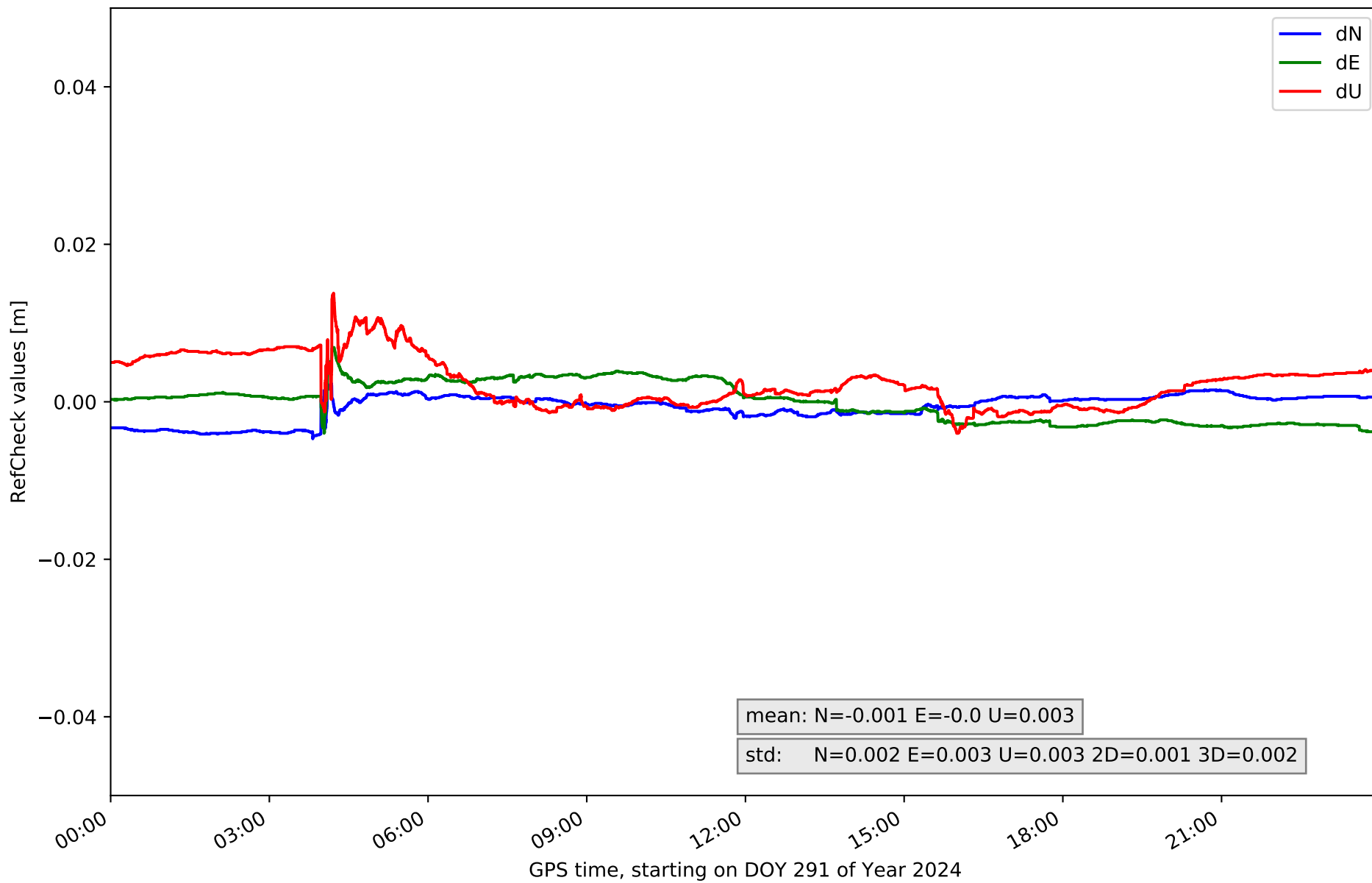




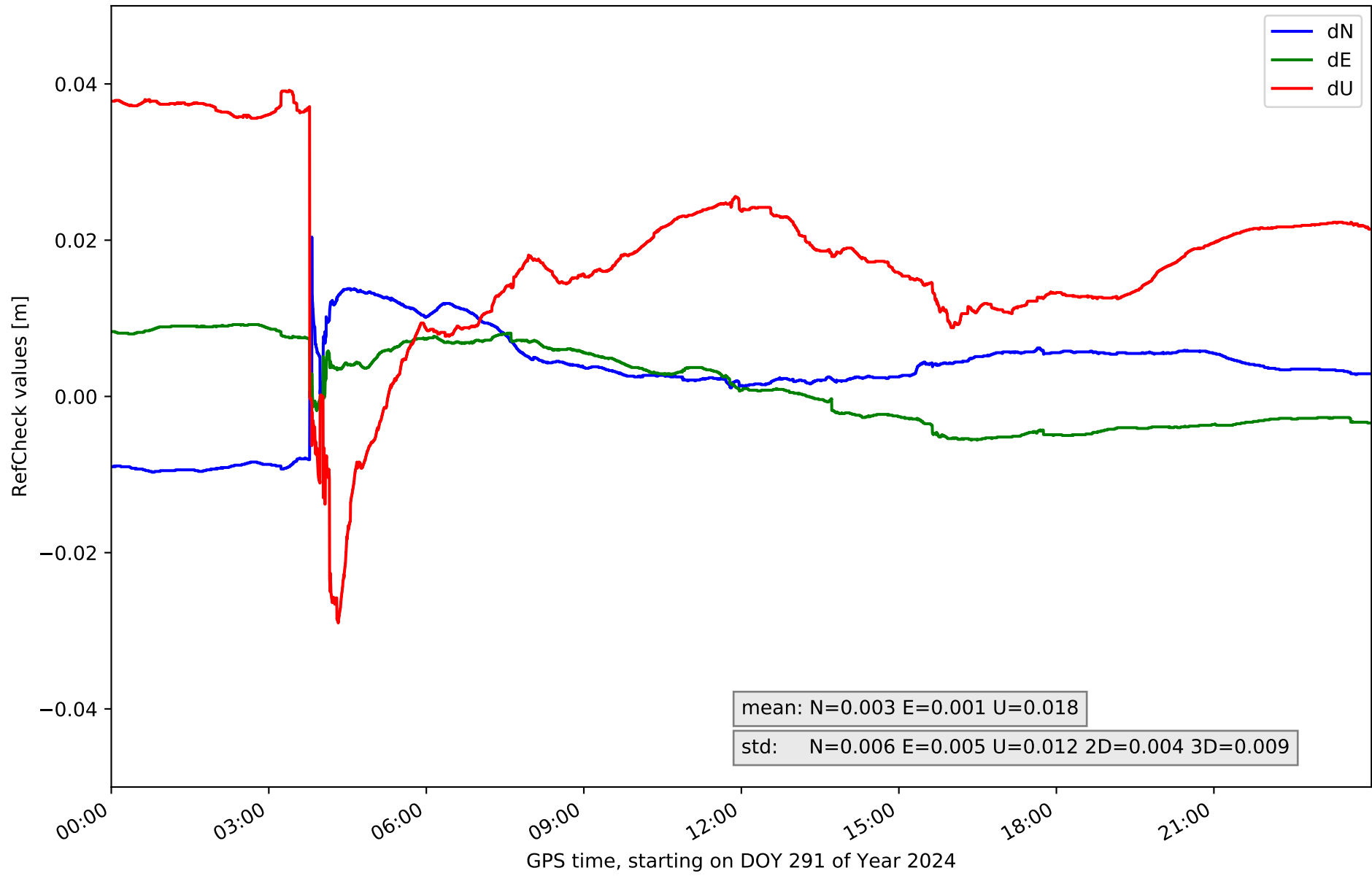
Station VIGO in network NET6



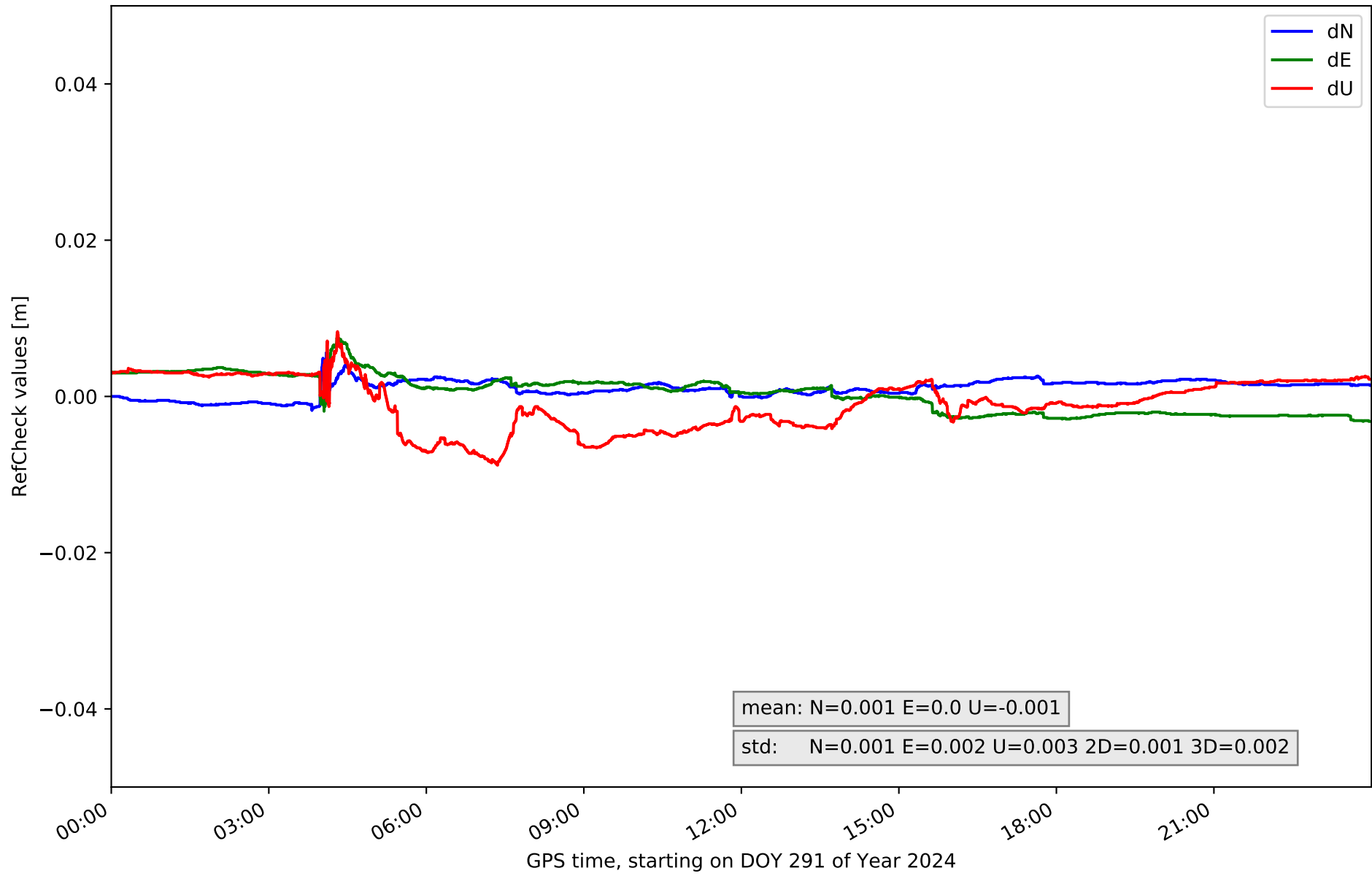
# RefCheck for station ASTO in network NET6



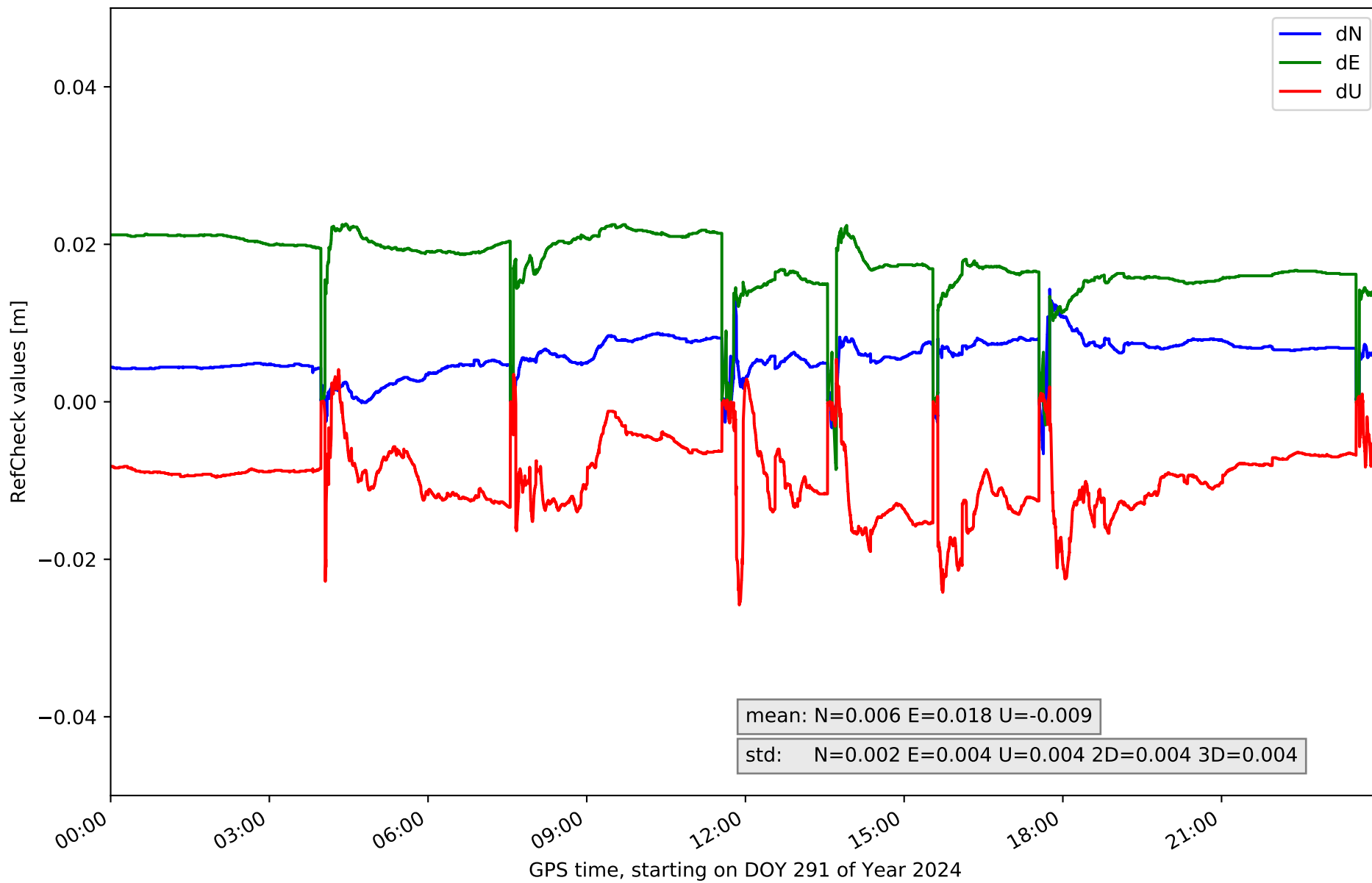
# RefCheck for station BURB in network NET6



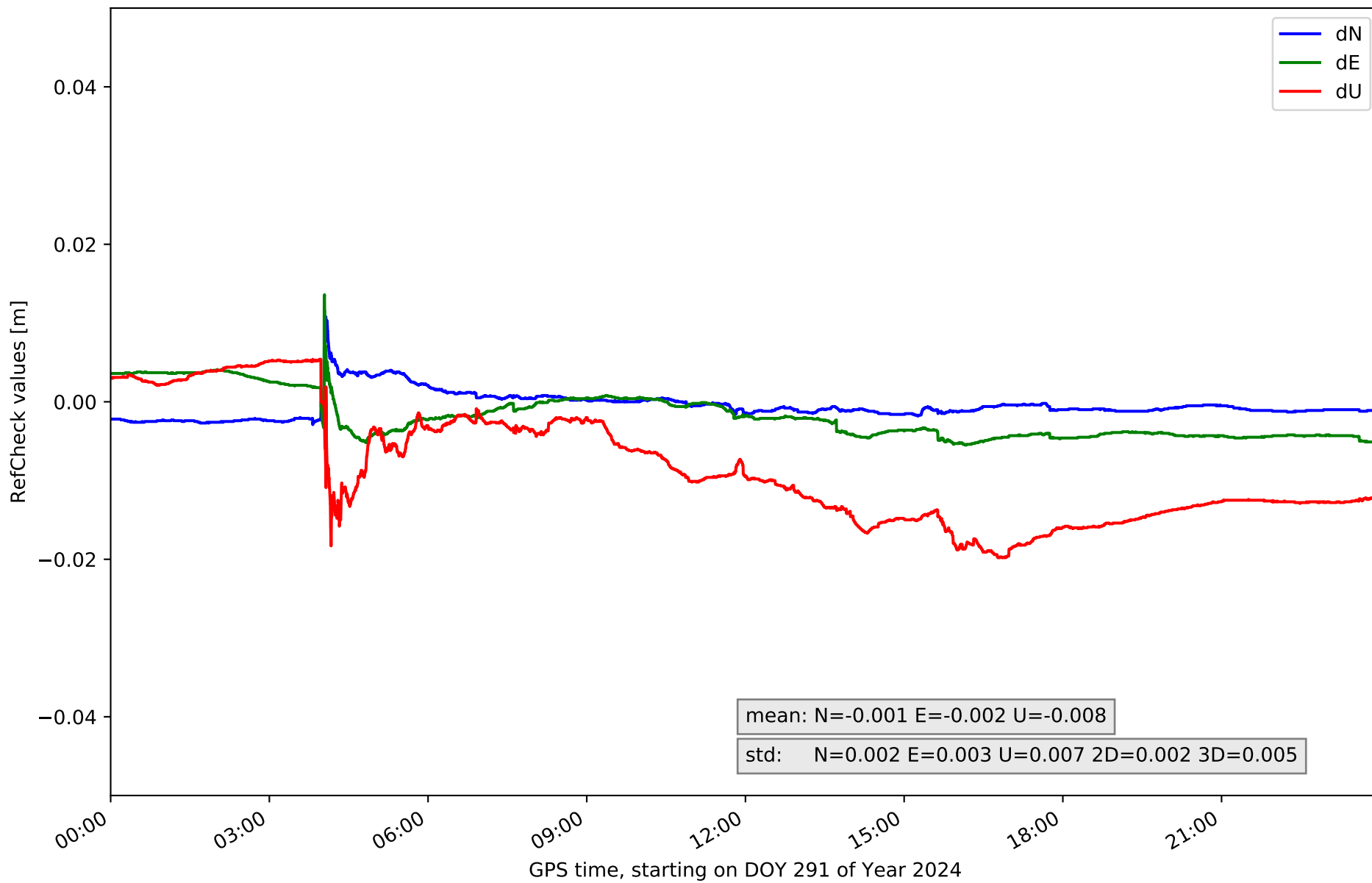
# RefCheck for station CNAR in network NET6



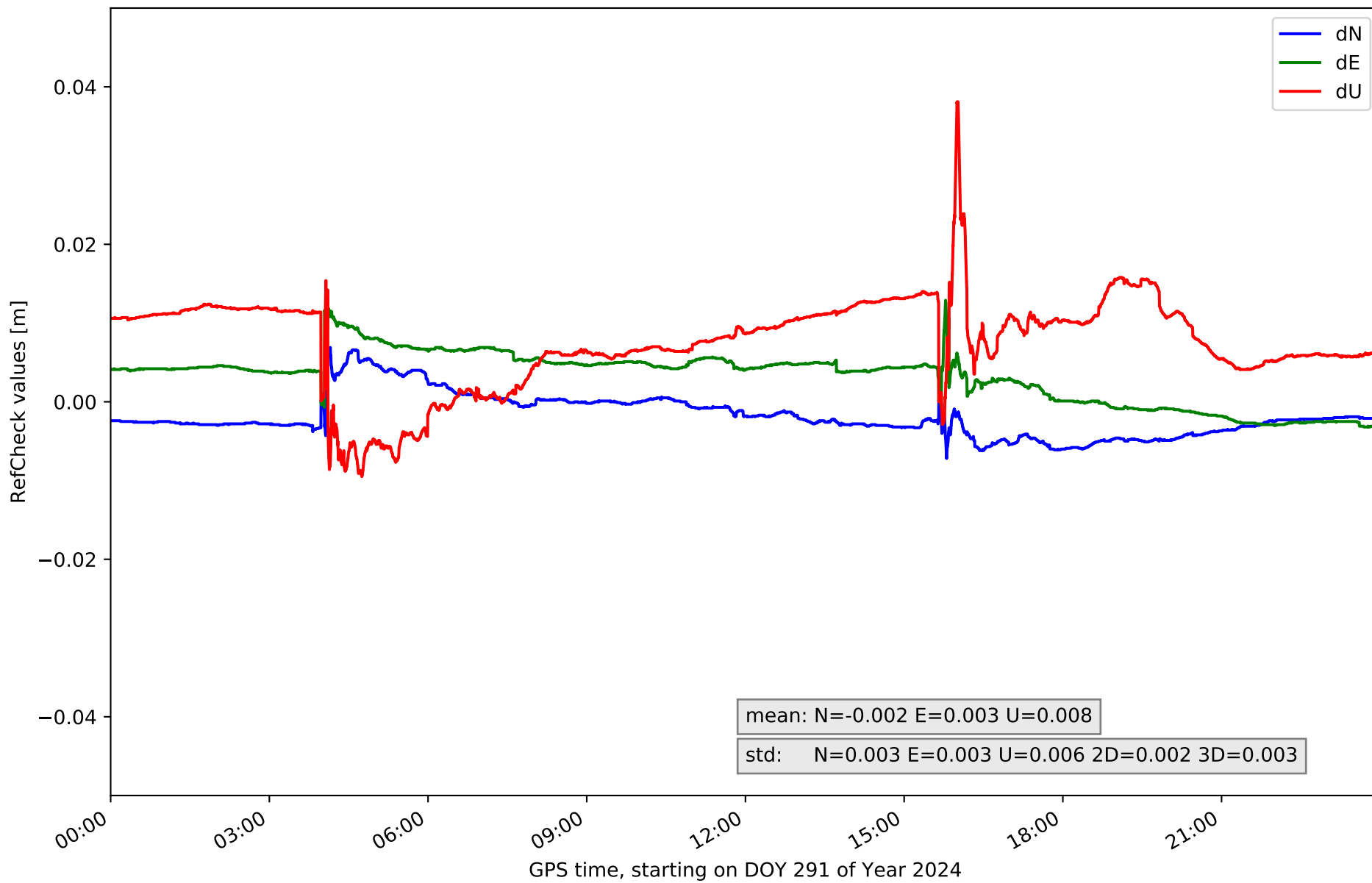
# RefCheck for station FRRL in network NET6



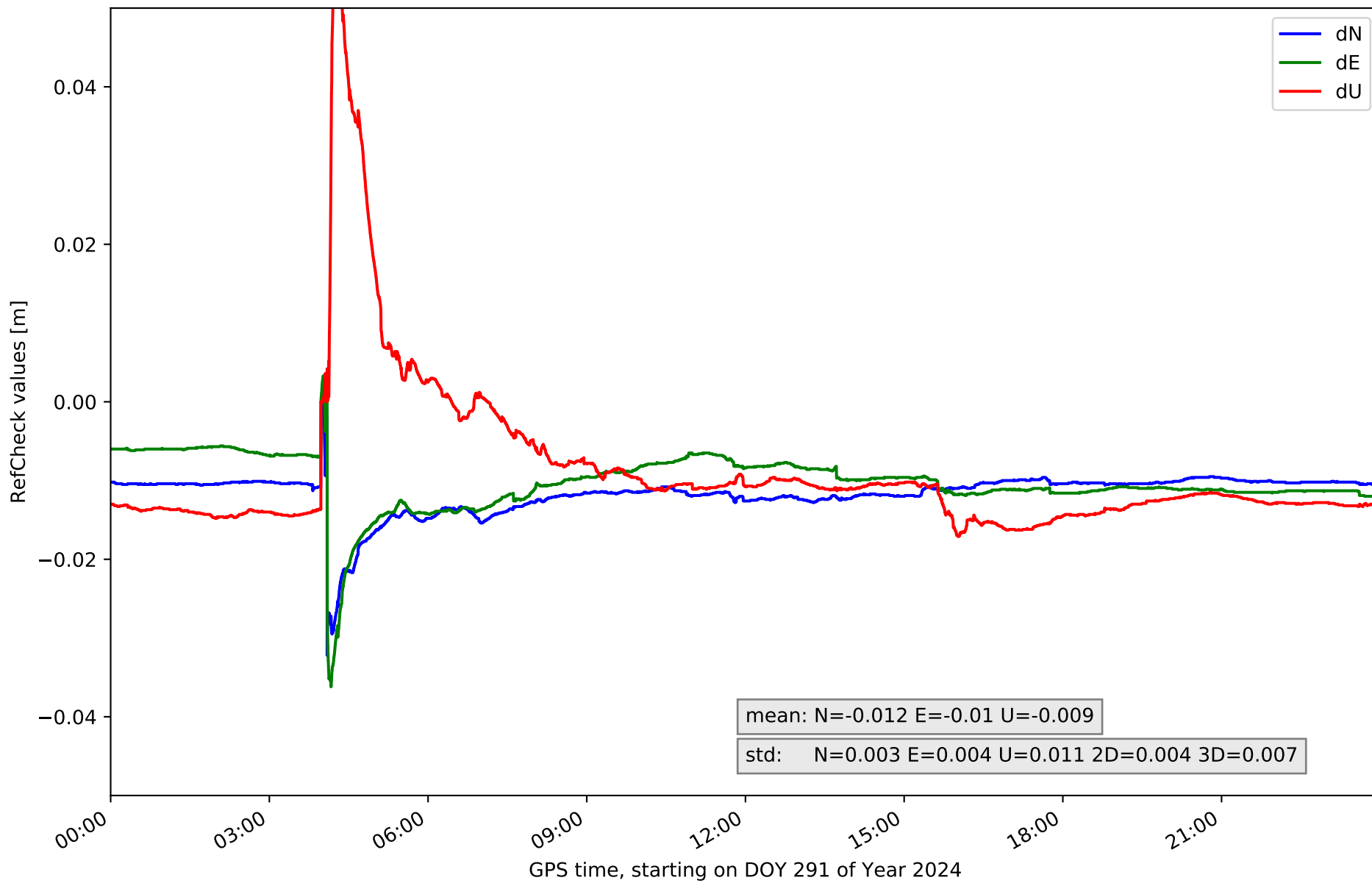
### RefCheck for station GRSL in network NET6



# RefCheck for station GUDI in network NET6

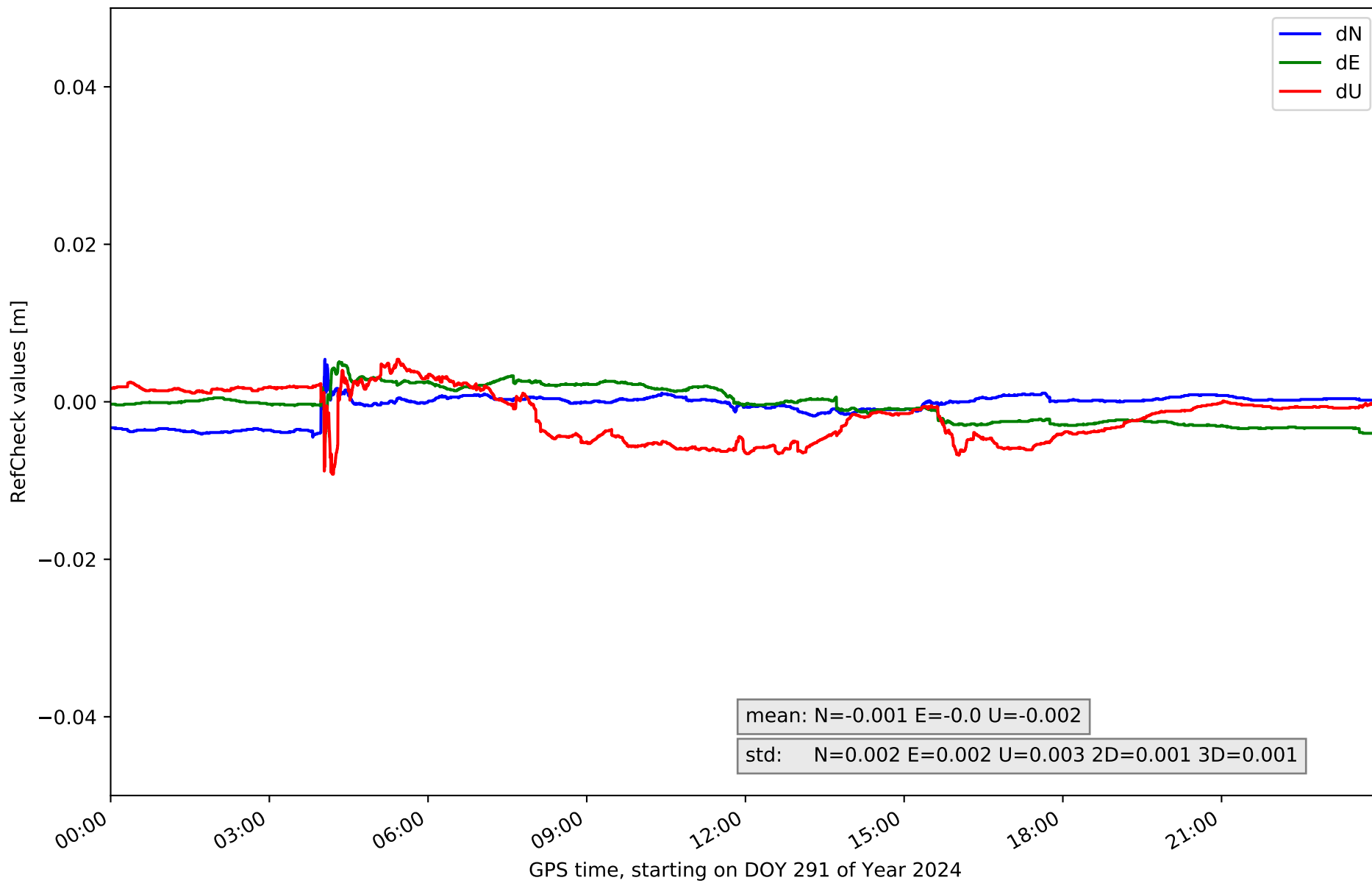


RefCheck for station LNGS in network NET6

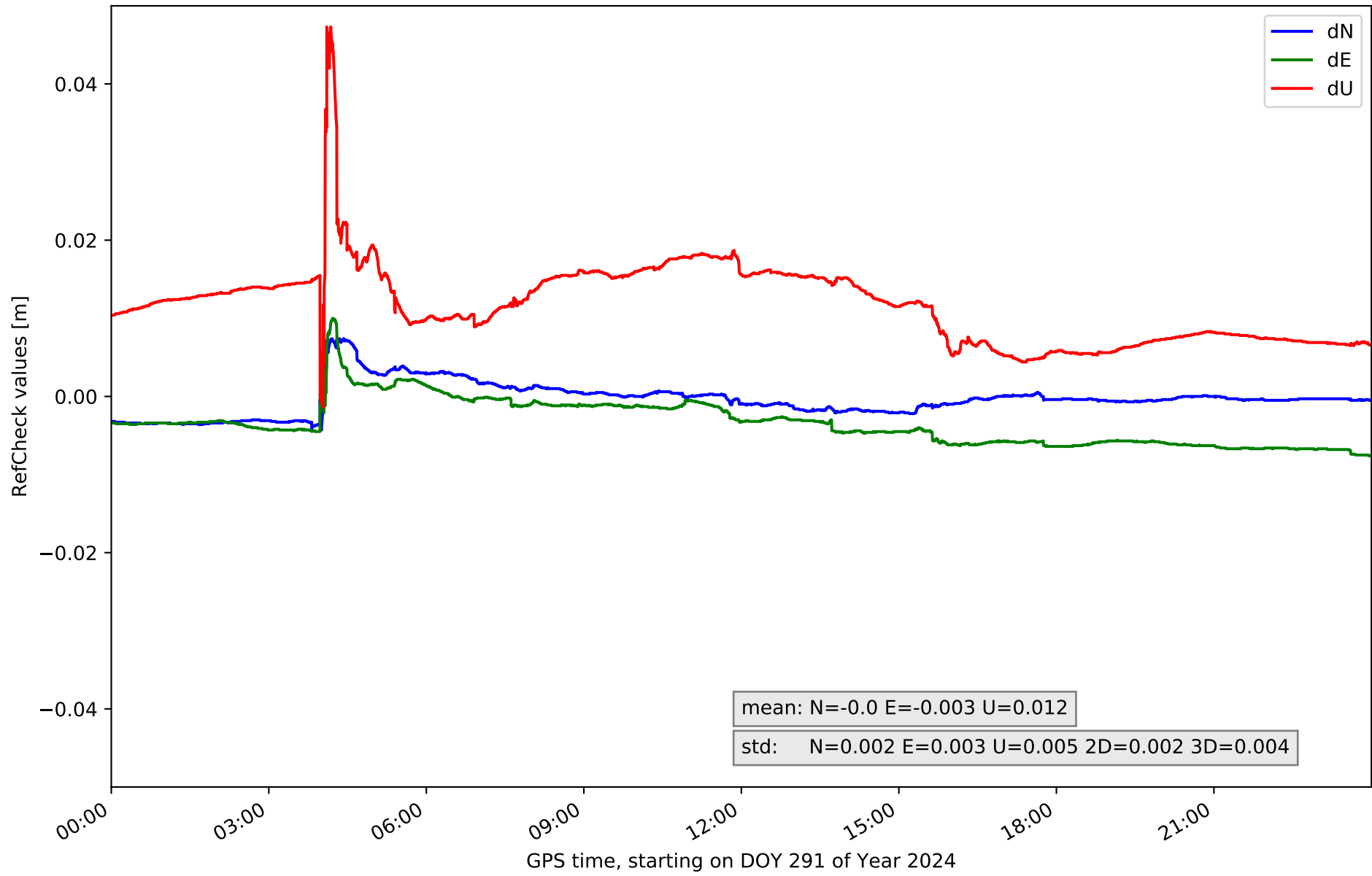




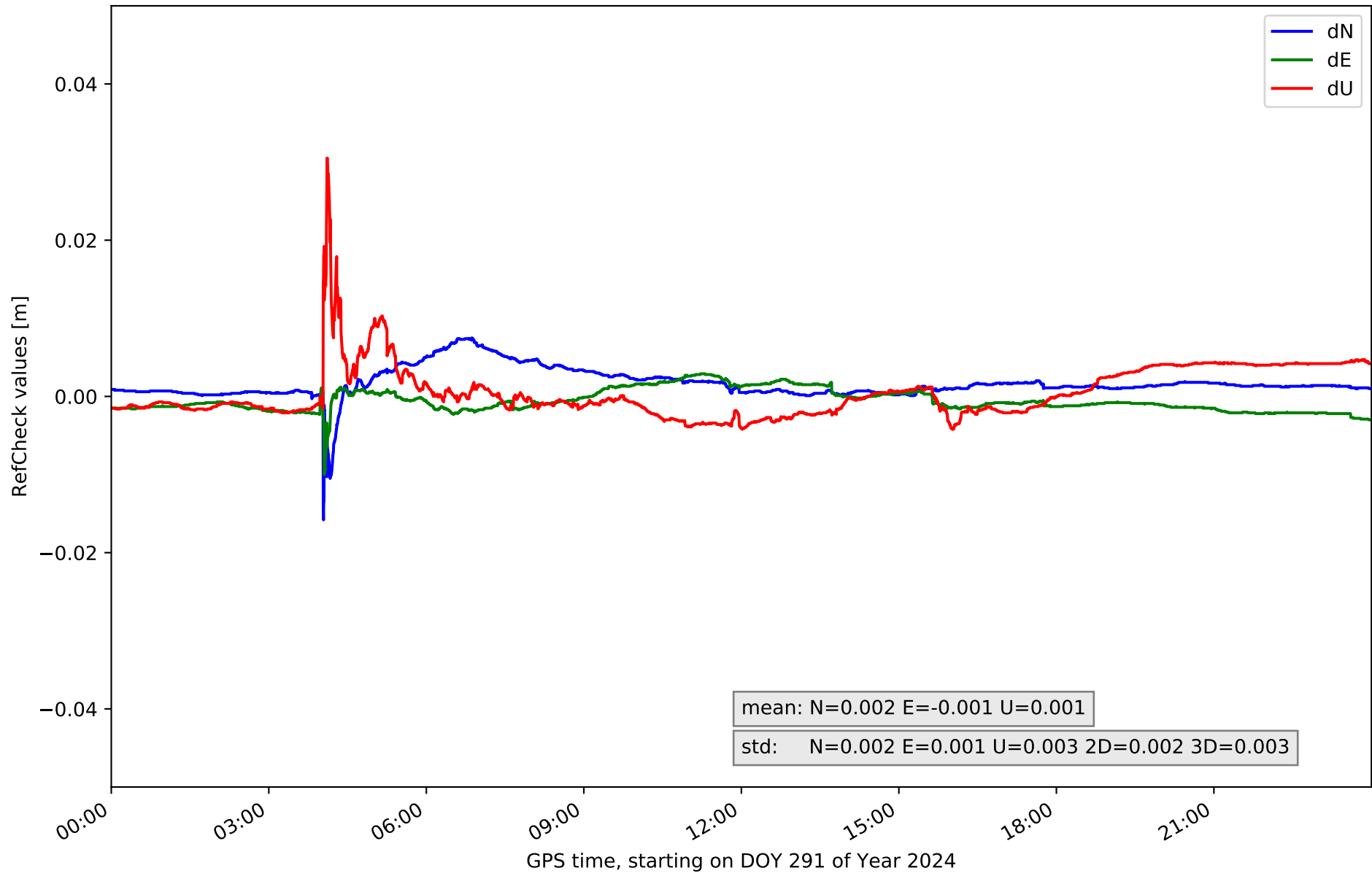
### RefCheck for station LUAR in network NET6



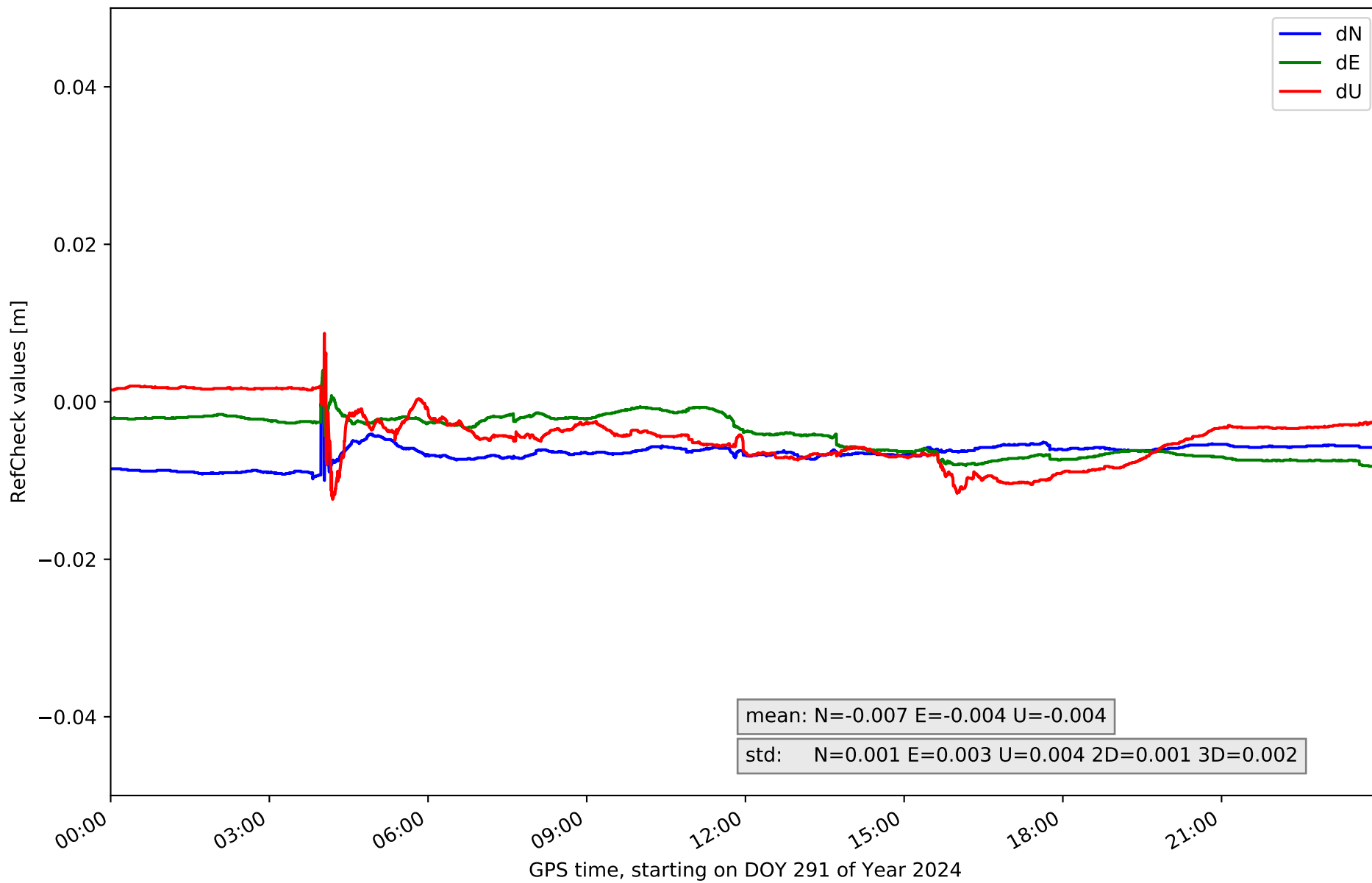
### RefCheck for station LUGO in network NET6



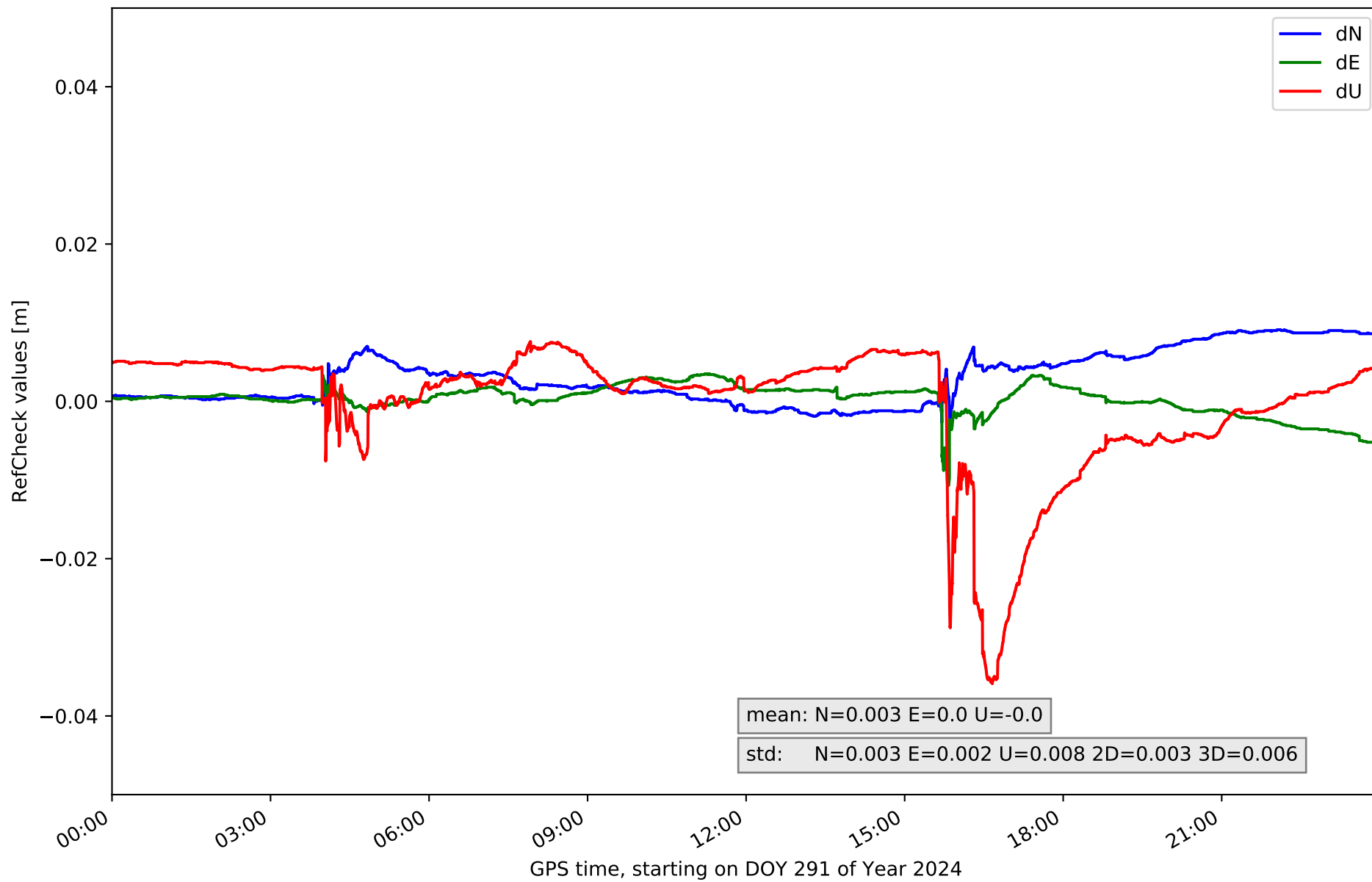
# RefCheck for station ORTG in network NET6



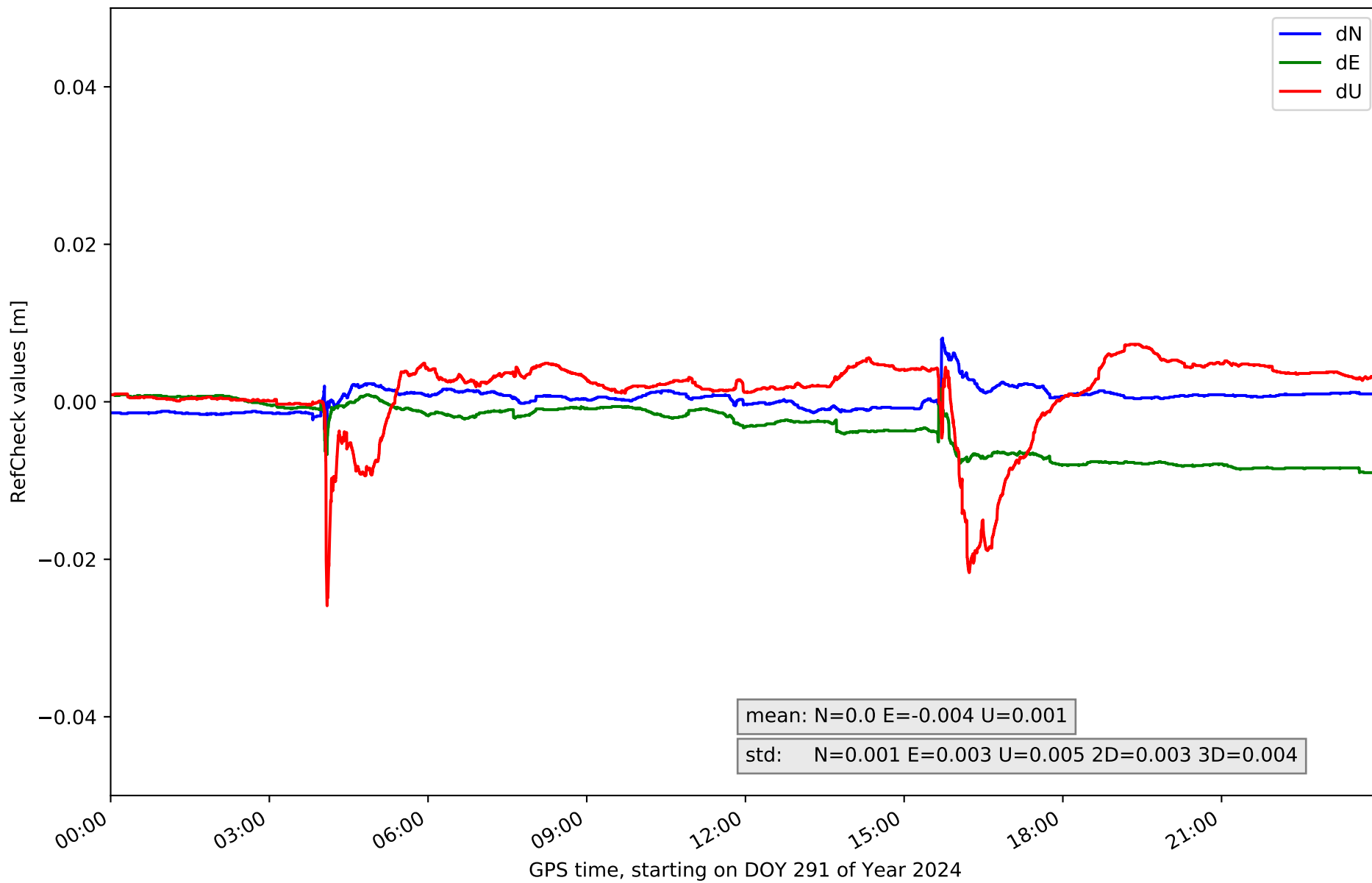
### RefCheck for station PONF in network NET6



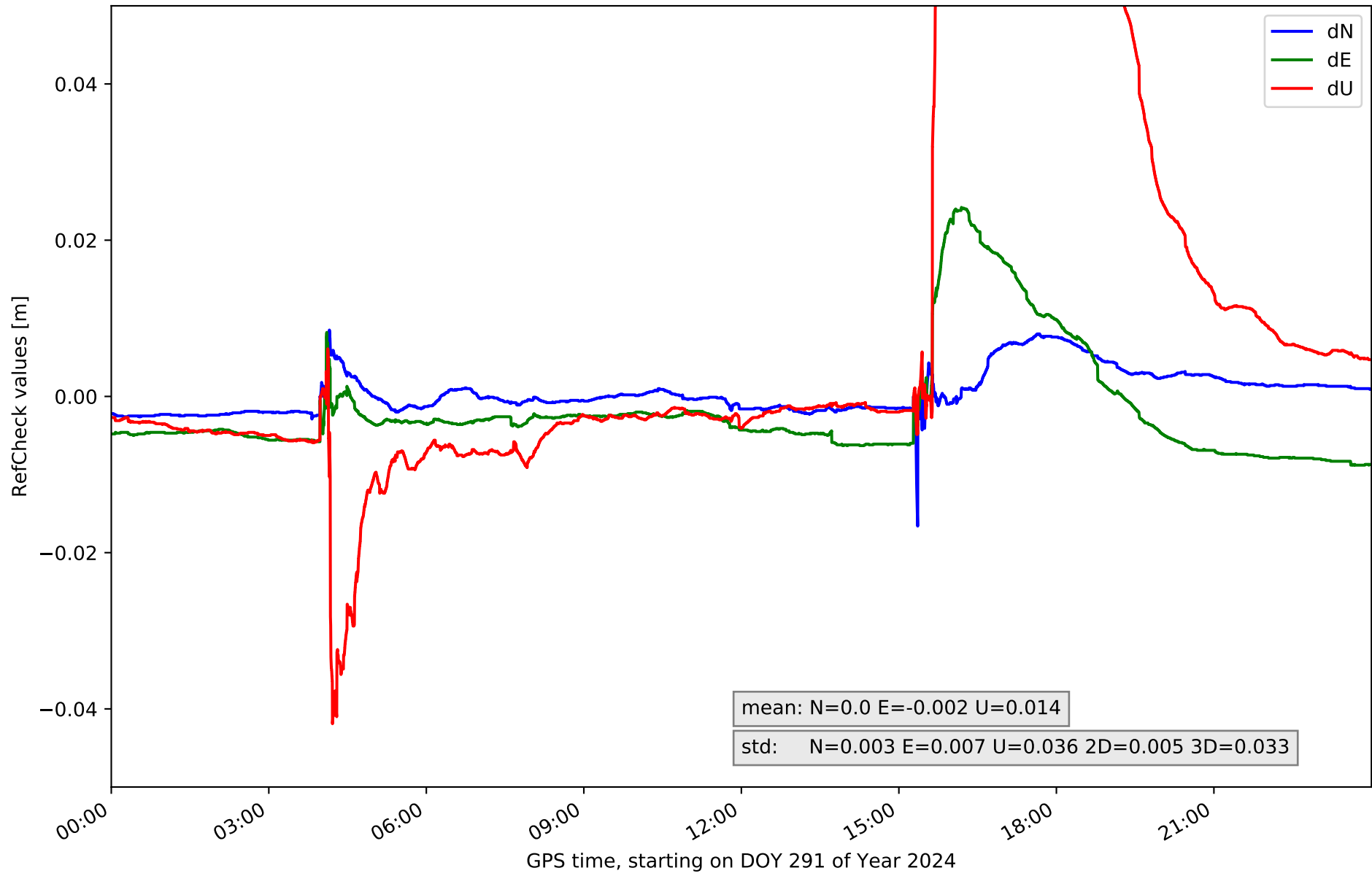
### RefCheck for station PSBR in network NET6



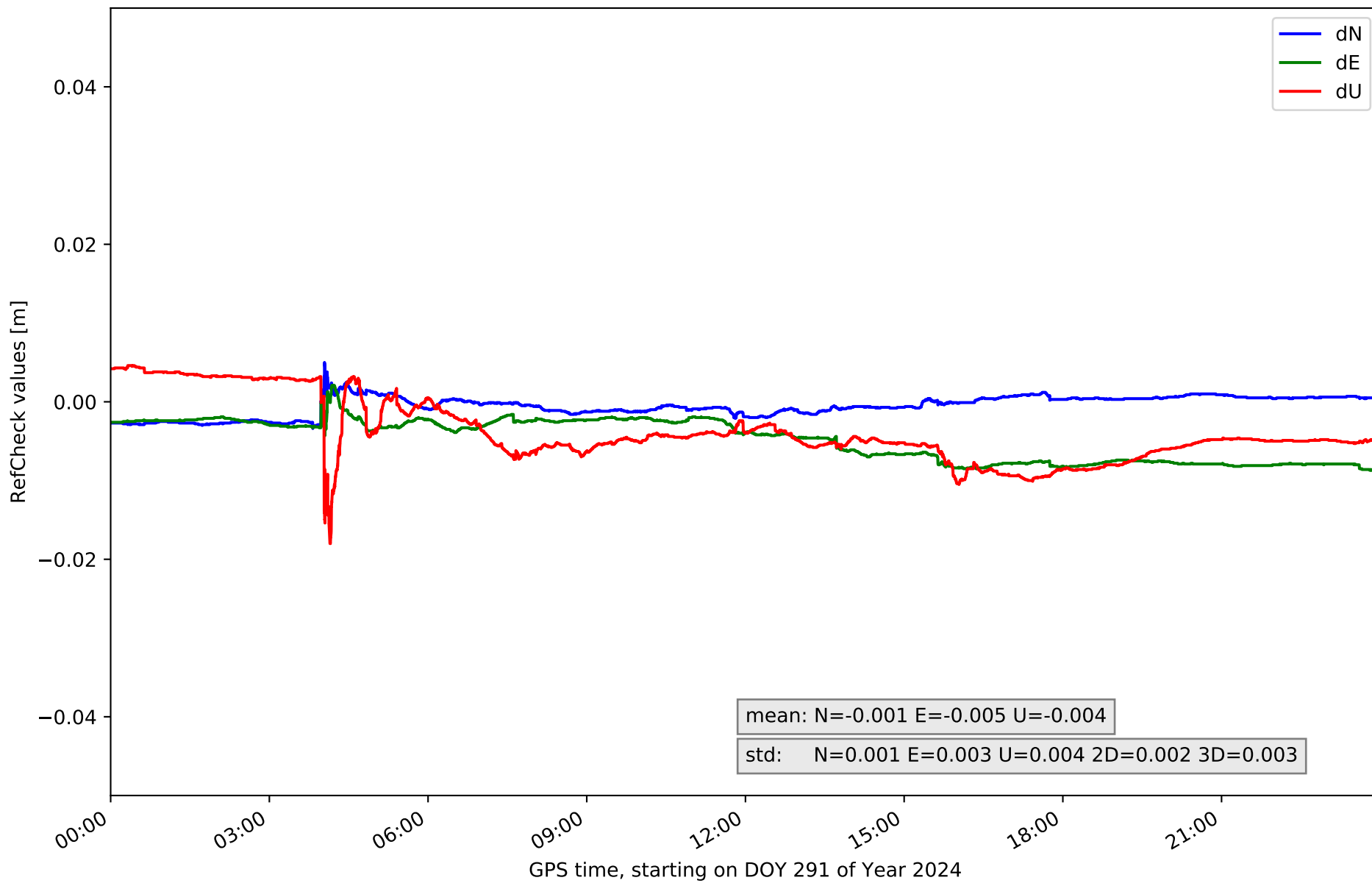
### RefCheck for station RODI in network NET6



# RefCheck for station SNTG in network NET6

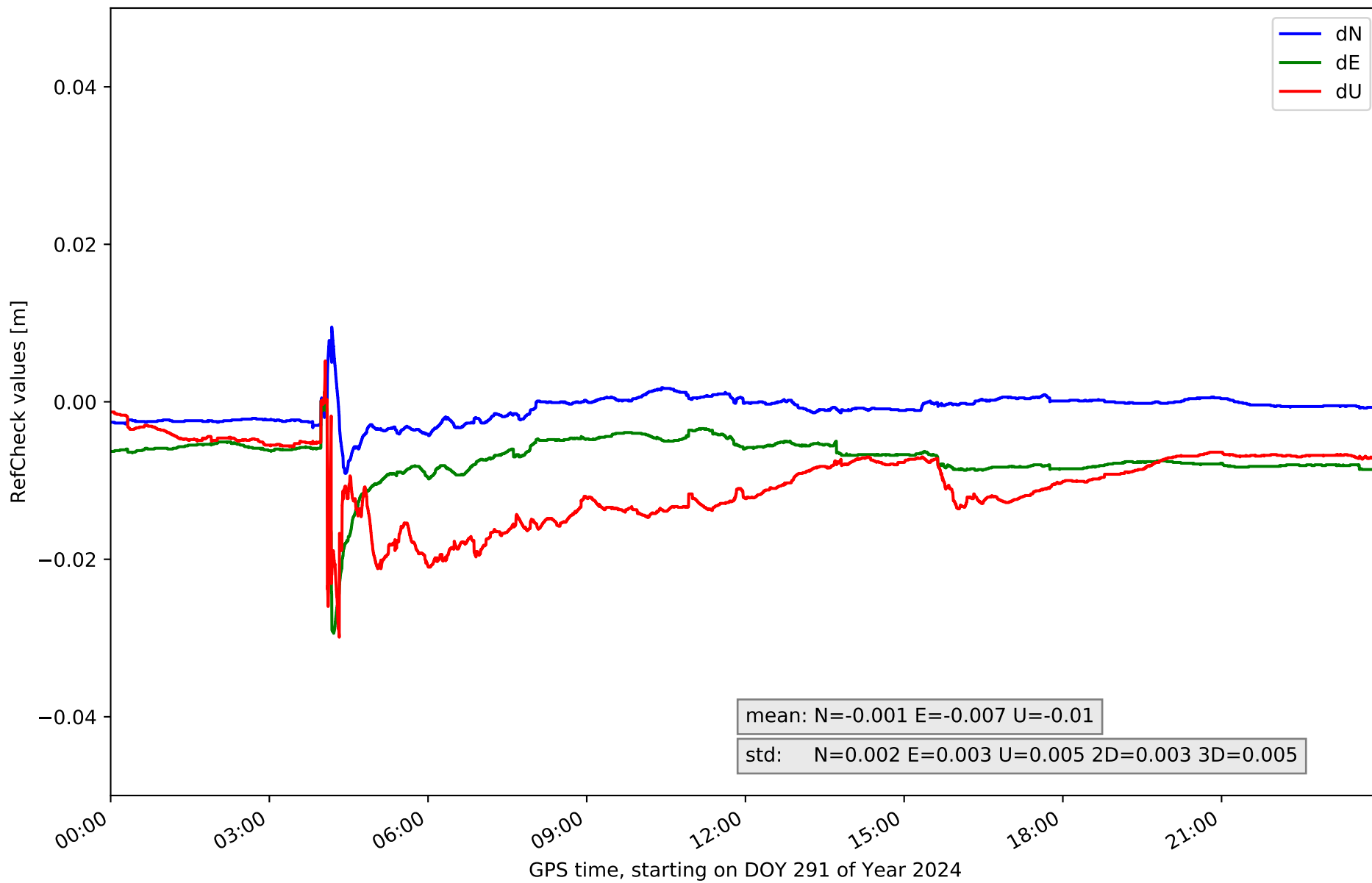


### RefCheck for station VEG1 in network NET6





### RefCheck for station VIGO in network NET6



## RefCheck values for network NET6

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01     | % 2D > 0.01 | #3D > 0.02    | % 3D > 0.02 |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|----------------|-------------|---------------|-------------|
| ASTO           | -0.005        | 0.002        | 0.002        | -0.004        | 0.007        | 0.003        | -0.004        | 0.014        | 0.003        | 0.001        | 0.002        | 0              | 0.0         | 0             | 0.0         |
| BURB           | -0.01         | 0.02         | 0.006        | -0.006        | 0.009        | 0.005        | -0.029        | 0.039        | 0.012        | 0.004        | 0.009        | 21121          | 31.3        | 31375         | 46.5        |
| CNAR           | -0.002        | 0.006        | 0.001        | -0.003        | 0.007        | 0.002        | -0.009        | 0.008        | 0.003        | 0.001        | 0.002        | 0              | 0.0         | 0             | 0.0         |
| FRRL           | -0.007        | 0.014        | 0.002        | -0.009        | 0.023        | 0.004        | -0.026        | 0.005        | 0.004        | 0.004        | 0.004        | 65318          | 96.8        | 49155         | 72.8        |
| GRSL           | -0.003        | 0.011        | 0.002        | -0.005        | 0.014        | 0.003        | -0.02         | 0.005        | 0.007        | 0.002        | 0.005        | 93             | 0.1         | 646           | 1.0         |
| GUDI           | -0.007        | 0.007        | 0.003        | -0.003        | 0.013        | 0.003        | -0.009        | 0.038        | 0.006        | 0.002        | 0.003        | 2171           | 3.2         | 673           | 1.0         |
| LNGS           | -0.032        | 0.0          | 0.003        | -0.036        | 0.003        | 0.004        | -0.017        | 0.067        | 0.011        | 0.004        | 0.007        | 67319          | 99.7        | 20964         | 31.1        |
| LUAR           | -0.004        | 0.005        | 0.002        | -0.006        | 0.005        | 0.002        | -0.009        | 0.005        | 0.003        | 0.001        | 0.001        | 0              | 0.0         | 0             | 0.0         |
| LUGO           | -0.004        | 0.008        | 0.002        | -0.008        | 0.01         | 0.003        | -0.001        | 0.047        | 0.005        | 0.002        | 0.004        | 500            | 0.7         | 1481          | 2.2         |
| ORTG           | -0.016        | 0.007        | 0.002        | -0.01         | 0.003        | 0.001        | -0.004        | 0.03         | 0.003        | 0.002        | 0.003        | 189            | 0.3         | 295           | 0.4         |
| PONF           | -0.01         | -0.0         | 0.001        | -0.008        | 0.004        | 0.003        | -0.012        | 0.009        | 0.004        | 0.001        | 0.002        | 1778           | 2.6         | 0             | 0.0         |
| PSBR           | -0.003        | 0.009        | 0.003        | -0.011        | 0.004        | 0.002        | -0.036        | 0.008        | 0.008        | 0.003        | 0.006        | 1045           | 1.5         | 3182          | 4.7         |
| RODI           | -0.004        | 0.008        | 0.001        | -0.009        | 0.002        | 0.003        | -0.026        | 0.007        | 0.005        | 0.003        | 0.004        | 0              | 0.0         | 829           | 1.2         |
| SNTG           | -0.017        | 0.009        | 0.003        | -0.009        | 0.024        | 0.007        | -0.042        | 0.128        | 0.036        | 0.005        | 0.033        | 7708           | 11.4        | 14962         | 22.2        |
| VEG1           | -0.003        | 0.005        | 0.001        | -0.009        | 0.002        | 0.003        | -0.018        | 0.005        | 0.004        | 0.002        | 0.003        | 0              | 0.0         | 0             | 0.0         |
| VIGO           | -0.009        | 0.009        | 0.002        | -0.029        | 0.002        | 0.003        | -0.03         | 0.005        | 0.005        | 0.003        | 0.005        | 3895           | 5.8         | 5848          | 8.7         |
| <b>Mean</b>    | <b>-0.008</b> | <b>0.007</b> | <b>0.002</b> | <b>-0.01</b>  | <b>0.008</b> | <b>0.003</b> | <b>-0.018</b> | <b>0.026</b> | <b>0.007</b> | <b>0.003</b> | <b>0.006</b> | <b>10696.1</b> | <b>15.8</b> | <b>8088.1</b> | <b>12.0</b> |
| <b>Min/Max</b> | <b>-0.032</b> | <b>0.02</b>  | <b>0.006</b> | <b>-0.036</b> | <b>0.024</b> | <b>0.007</b> | <b>-0.042</b> | <b>0.128</b> | <b>0.036</b> | <b>0.005</b> | <b>0.033</b> | <b>67319</b>   | <b>99.7</b> | <b>49155</b>  | <b>72.8</b> |

fixing statistic for network NET6

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 87.3     | 91.8 | 88.1 | 93.3 | 75.6 |
| considering satellites with dual-frequency fixed | 86.2     | 87.4 | 83.3 | 89.3 | 82.2 |
| considering all signals separately               | 86.4     | 87.3 | 83.3 | 89.6 | 80.8 |