

## summary for network NT15

timeperiod chosen: from 2025-02-09-00:00:00 until 2025-02-09-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

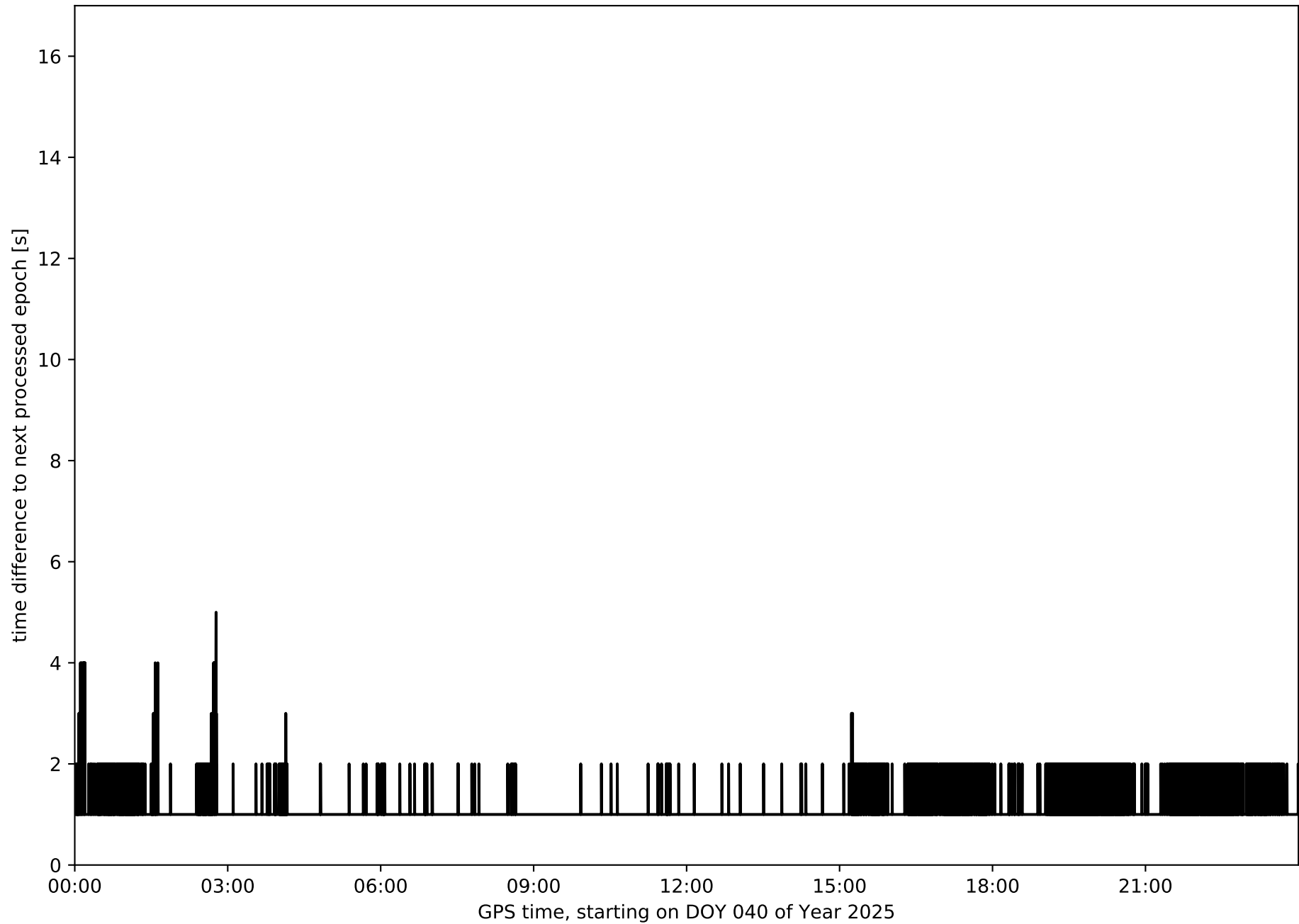
average fixing percentage with threshold set to 0.3: 93.1 percent

stations available: 13 of 13

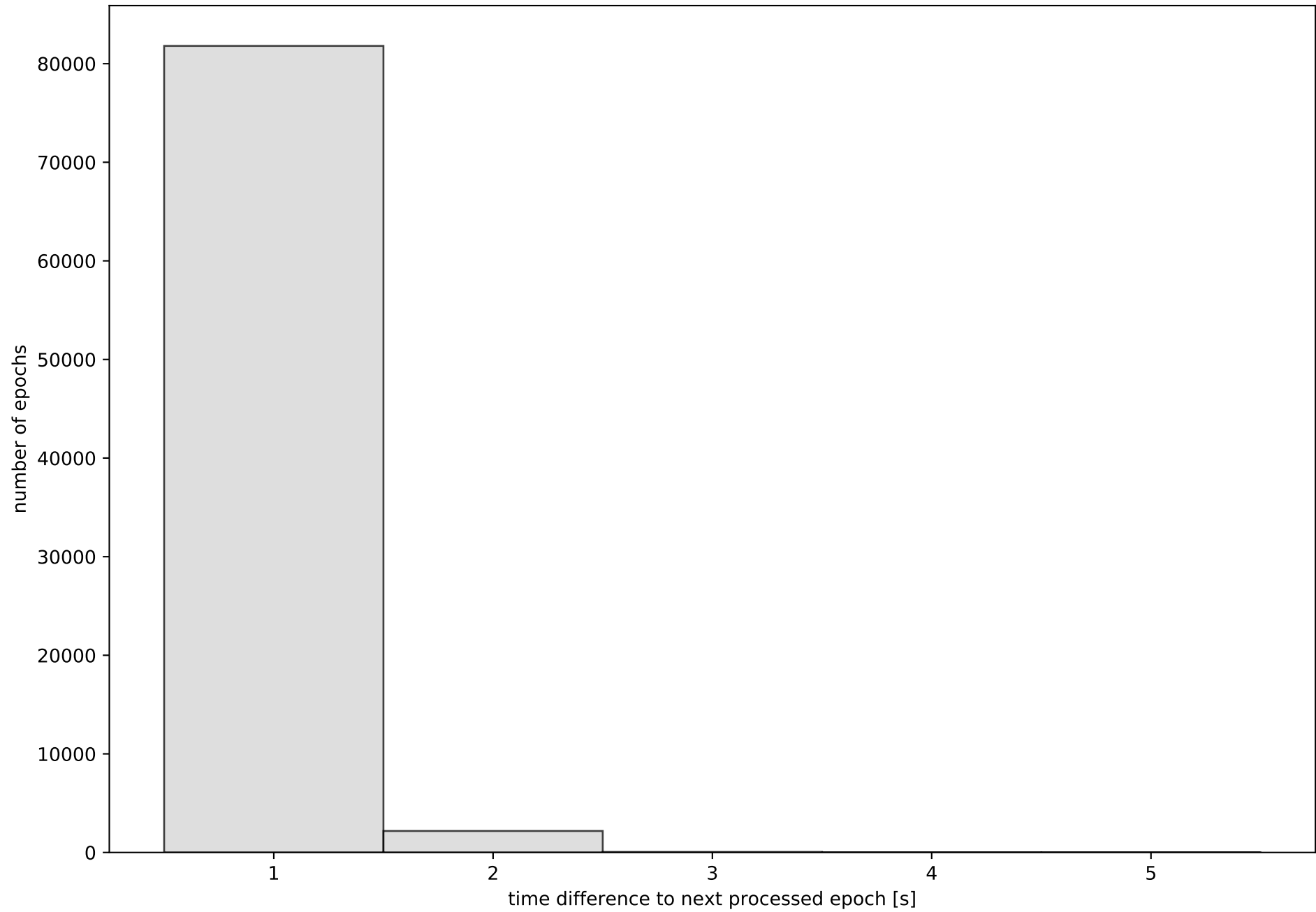
station information:

|               |                              |                         |                  |
|---------------|------------------------------|-------------------------|------------------|
| station ACIN: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 1178.47  |
| station AGRD: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 1010.813 |
| station ALC1: | antenna: TRM57971.00 TZGD    | receiver: TRIMBLE NETR9 | height: 397.68   |
| station ALIA: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 1169.276 |
| station ARAS: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 1325.848 |
| station BERG: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR30    | height: 892.808  |
| station CATY: | antenna: GPPNULLANTENNA NONE | receiver: TPS NET-G3    | height: 597.734  |
| station CRNA: | antenna: GPPNULLANTENNA NONE | receiver: TPS NET-G3A   | height: 649.433  |
| station MOLI: | antenna: LEIAR20 LEIM        | receiver: LEICA GR25    | height: 1119.45  |
| station MUNI: | antenna: GPPNULLANTENNA NONE | receiver: TPS NET-G3    | height: 854.946  |
| station QNTO: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 216.666  |
| station TERU: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50    | height: 956.227  |
| station YEBE: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50    | height: 972.816  |

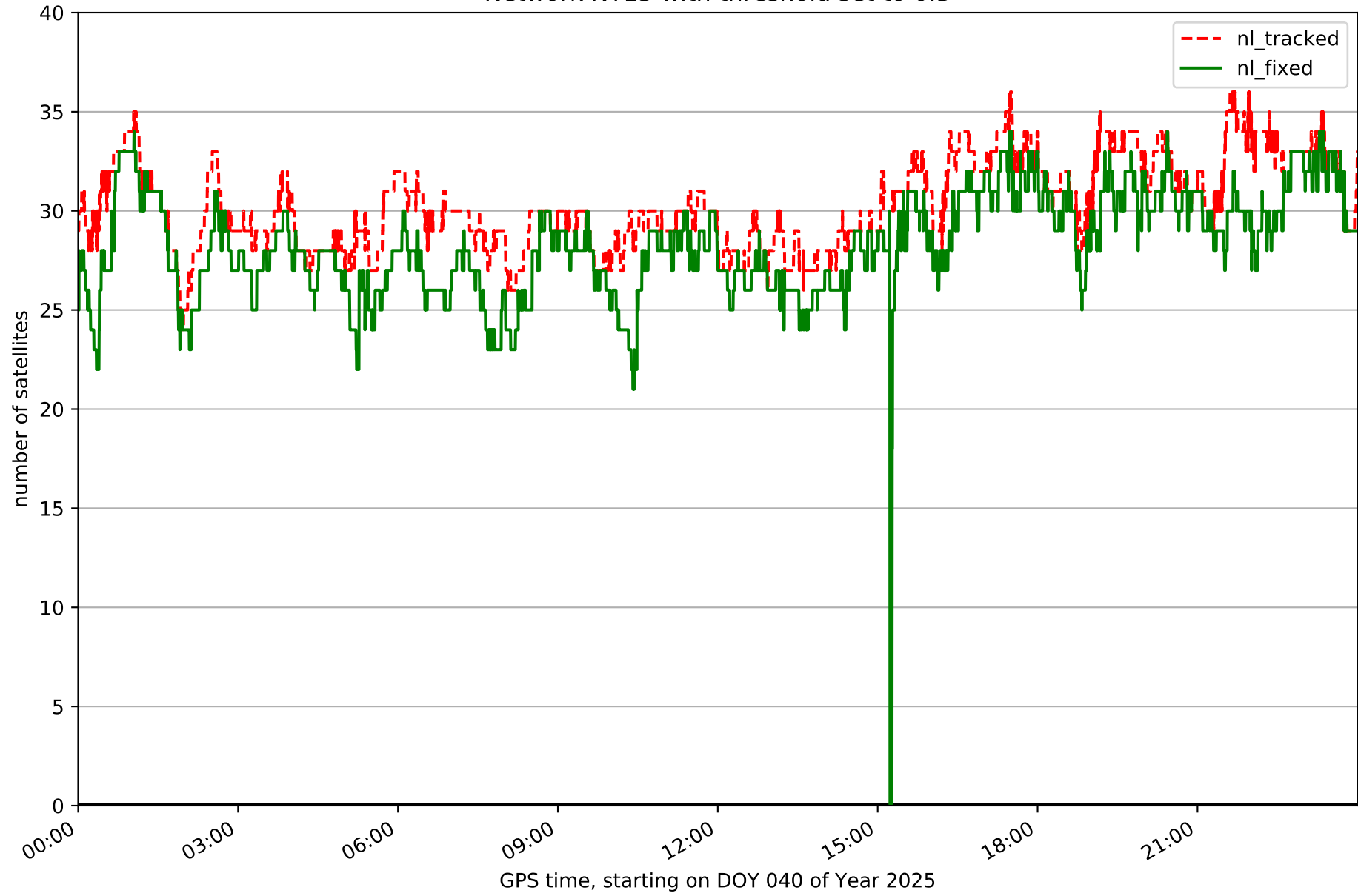
# Processing rate in network NT15



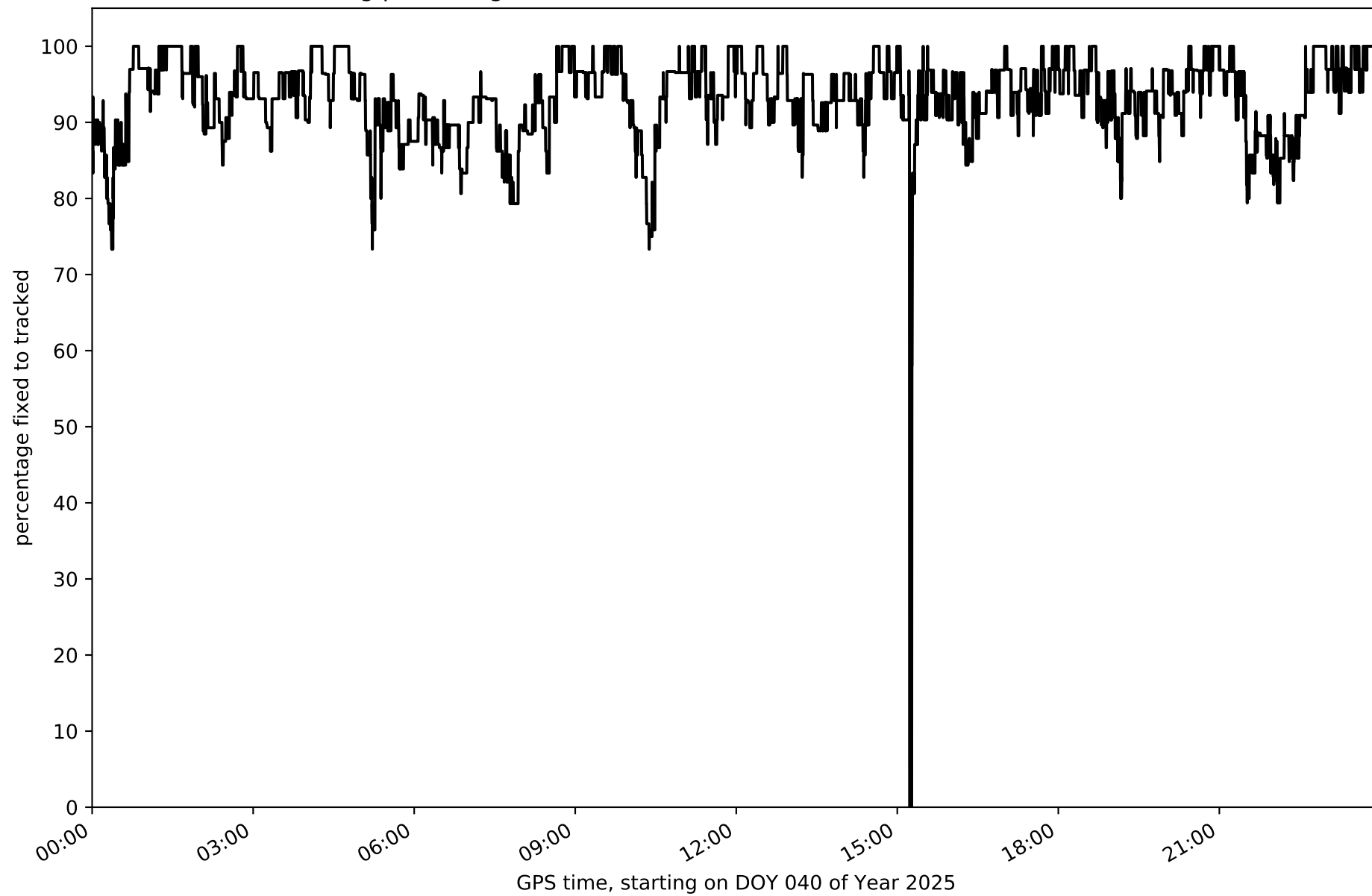
Histogram of the processing rate in network NT15 (durations larger 15 seconds neglected)



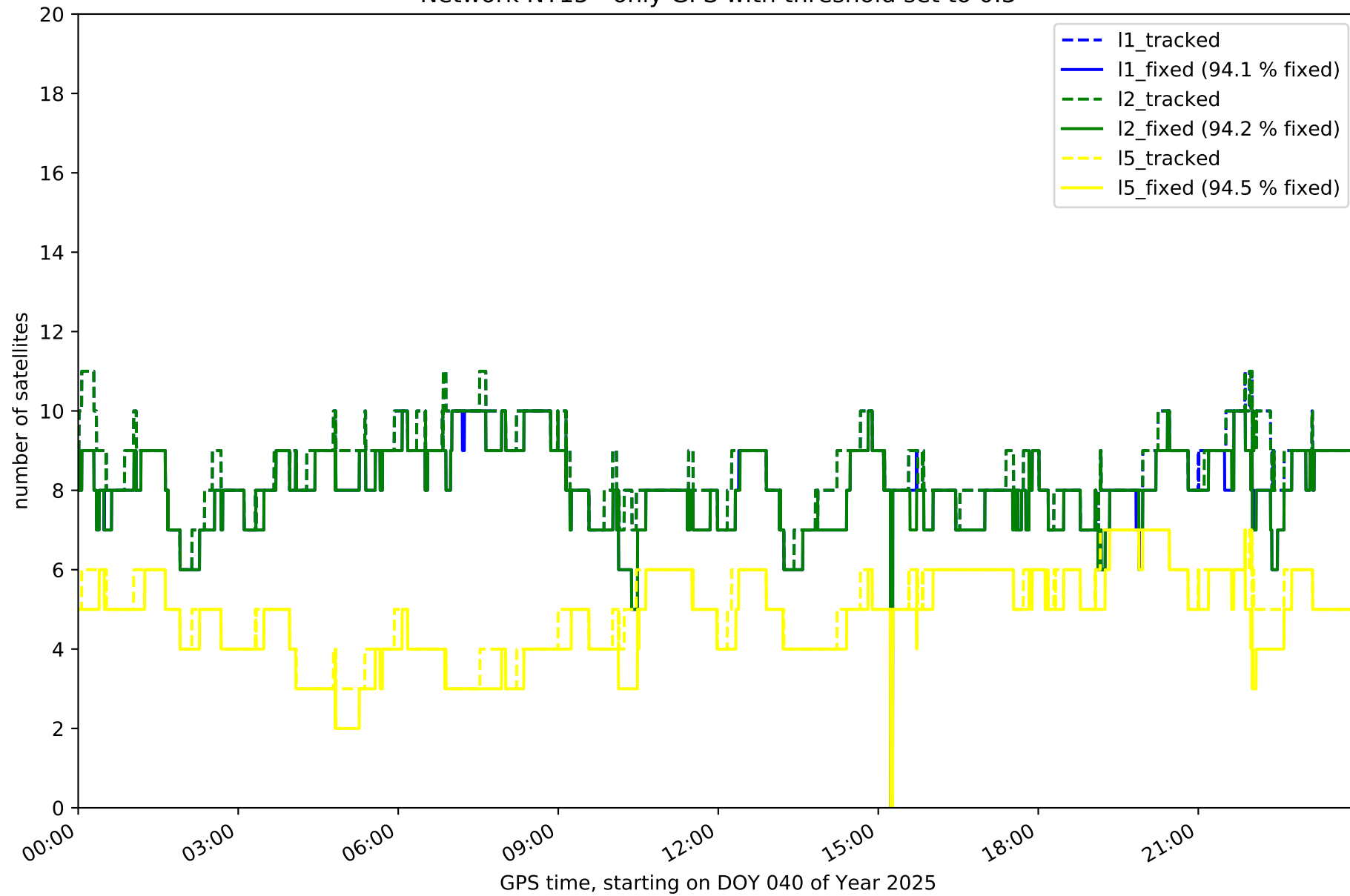
Network NT15 with threshold set to 0.3



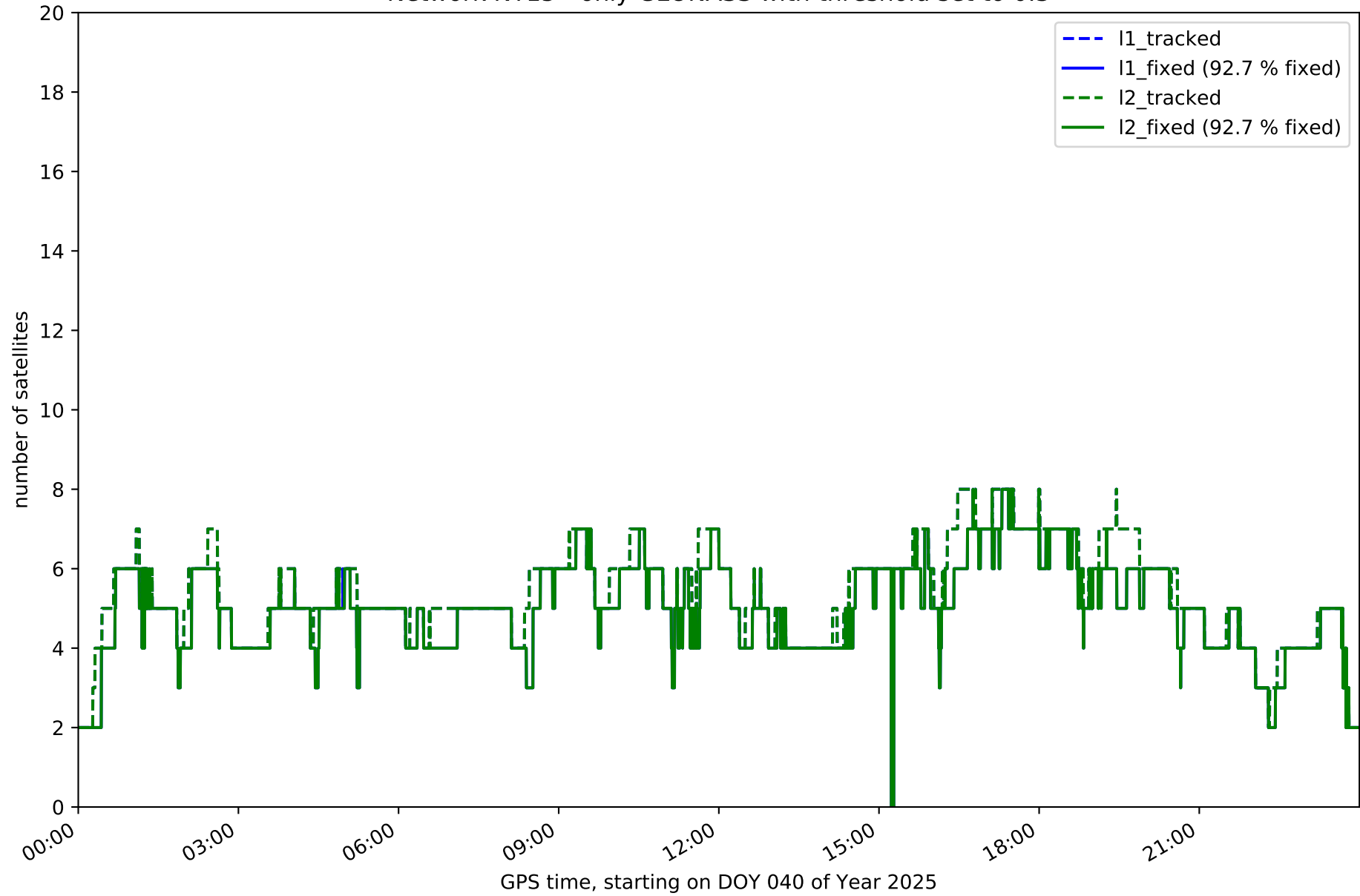
Fixing percentage of satellites in network NT15 with threshold set to 0.3



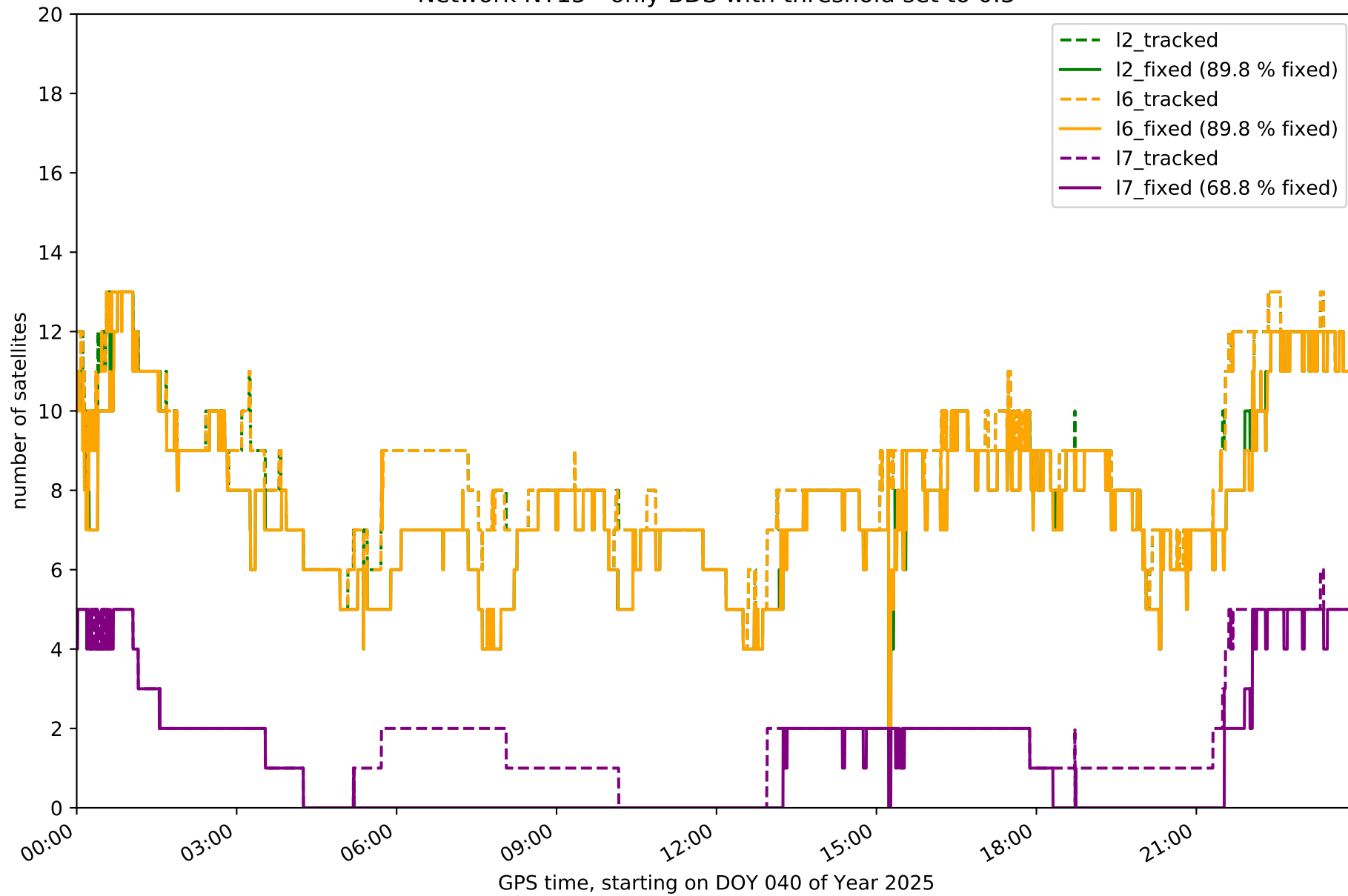
Network NT15 - only GPS with threshold set to 0.3



Network NT15 - only GLONASS with threshold set to 0.3

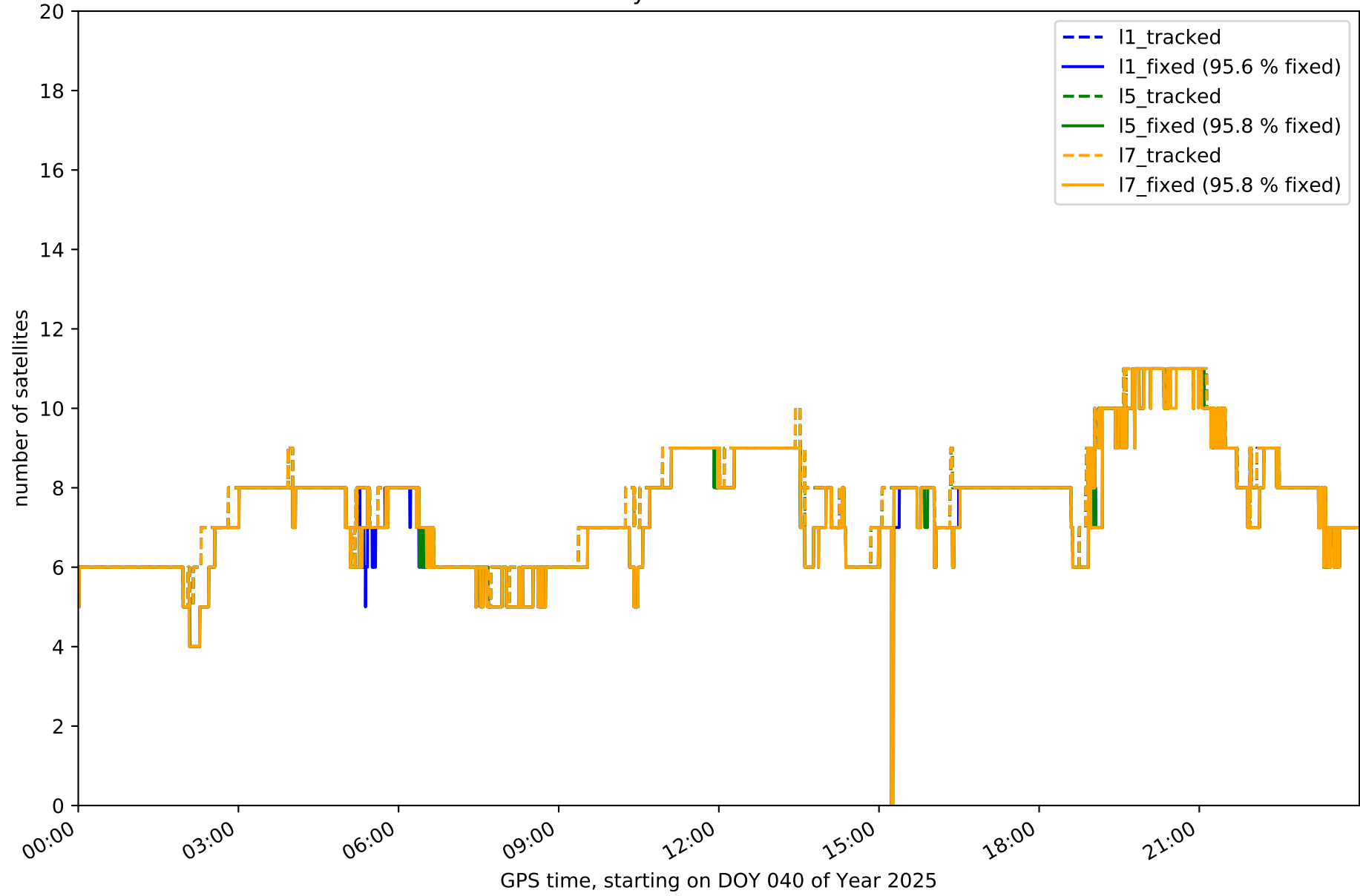


Network NT15 - only BDS with threshold set to 0.3

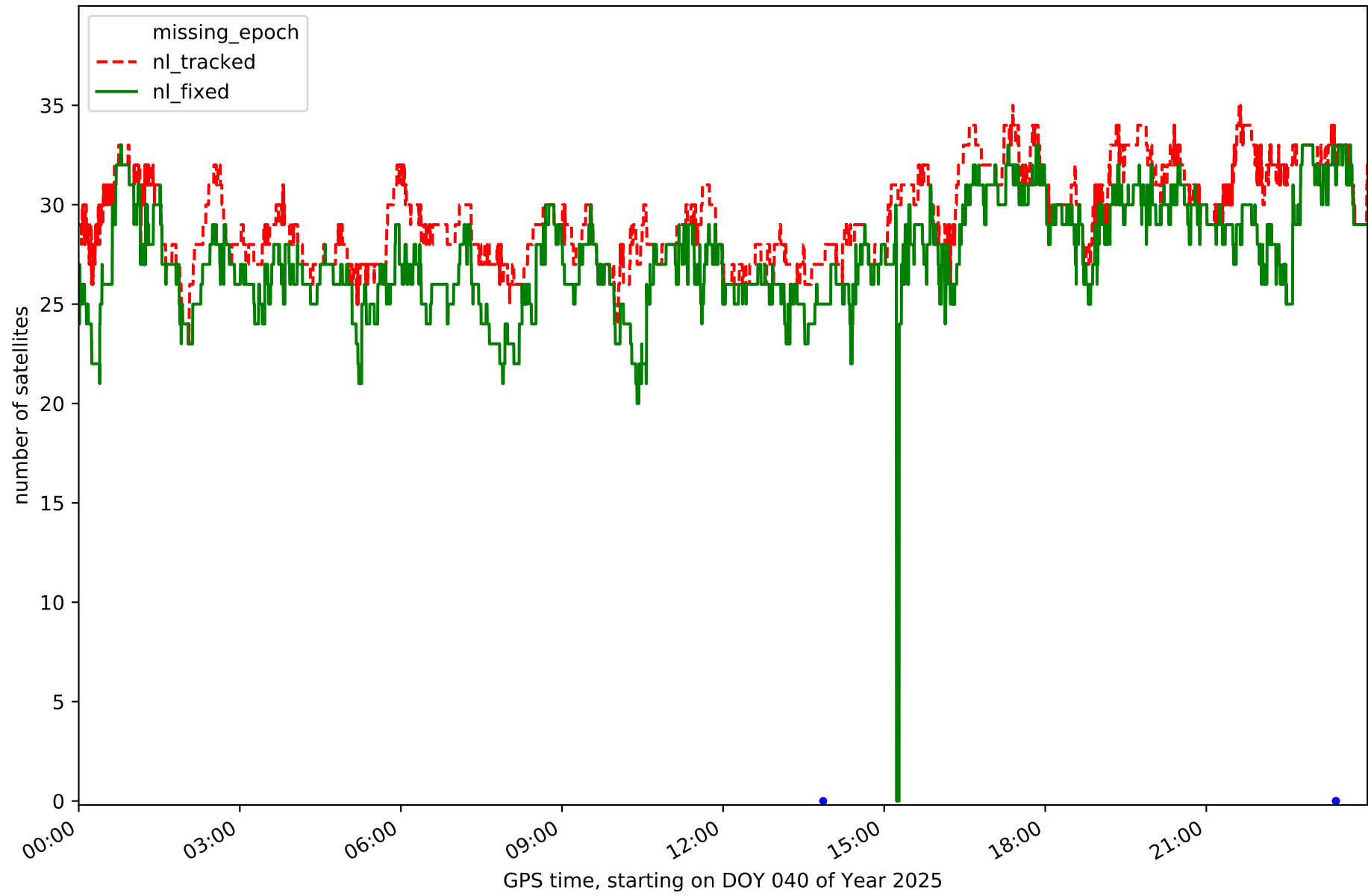




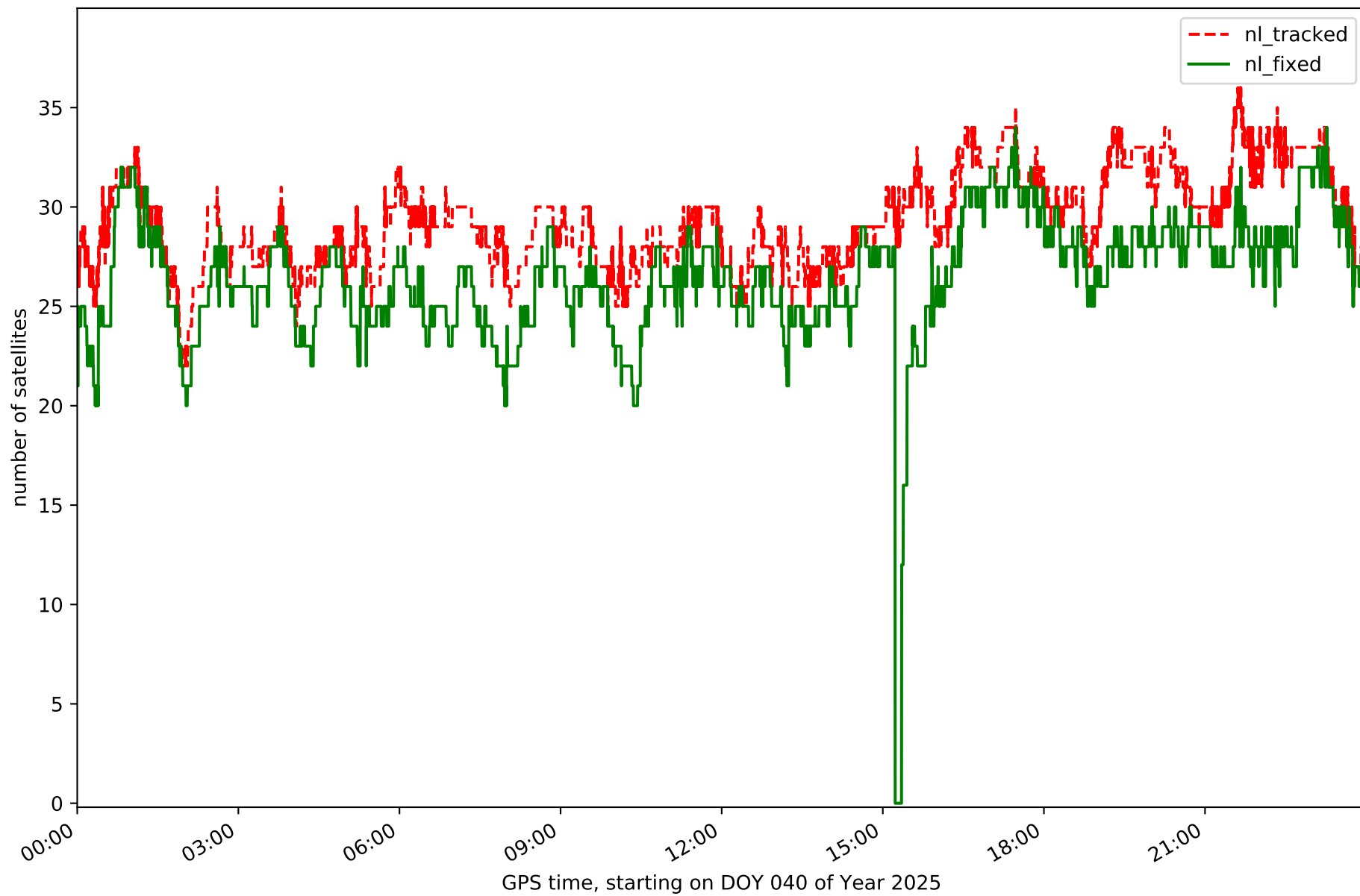
Network NT15 - only Galileo with threshold set to 0.3



Station ACIN in network NT15



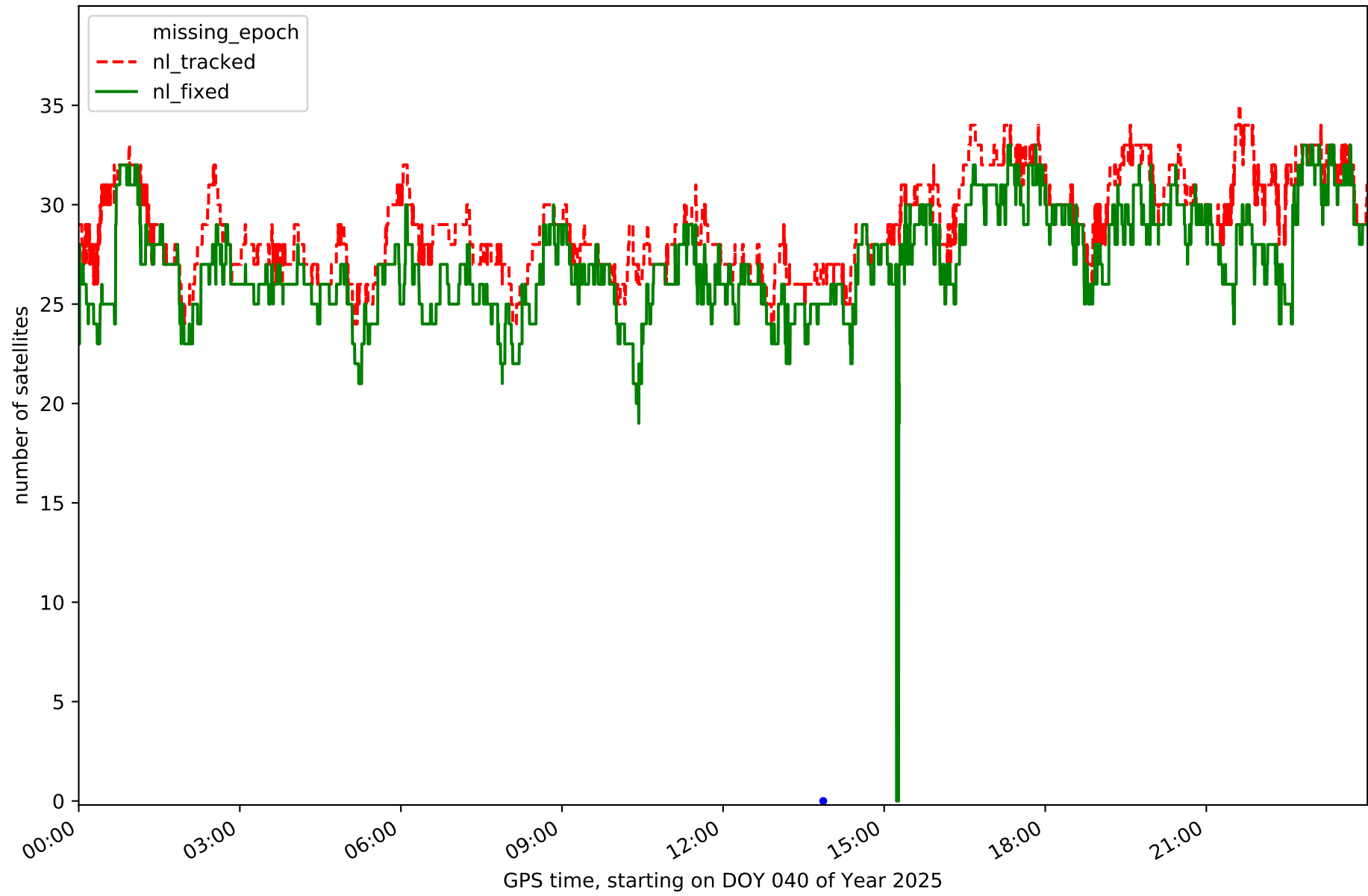
Station AGRD in network NT15



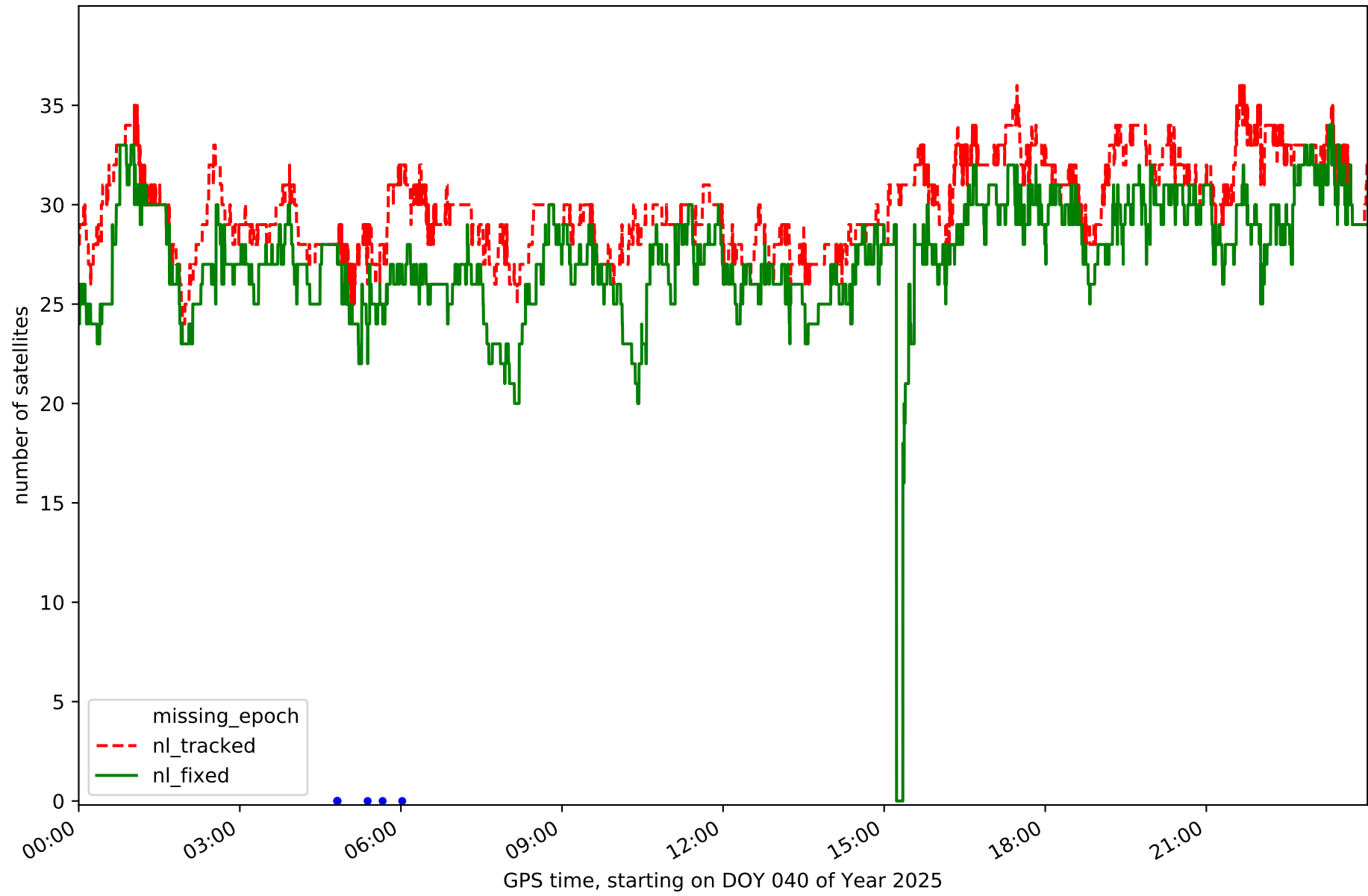
Station ALC1 in network NT15



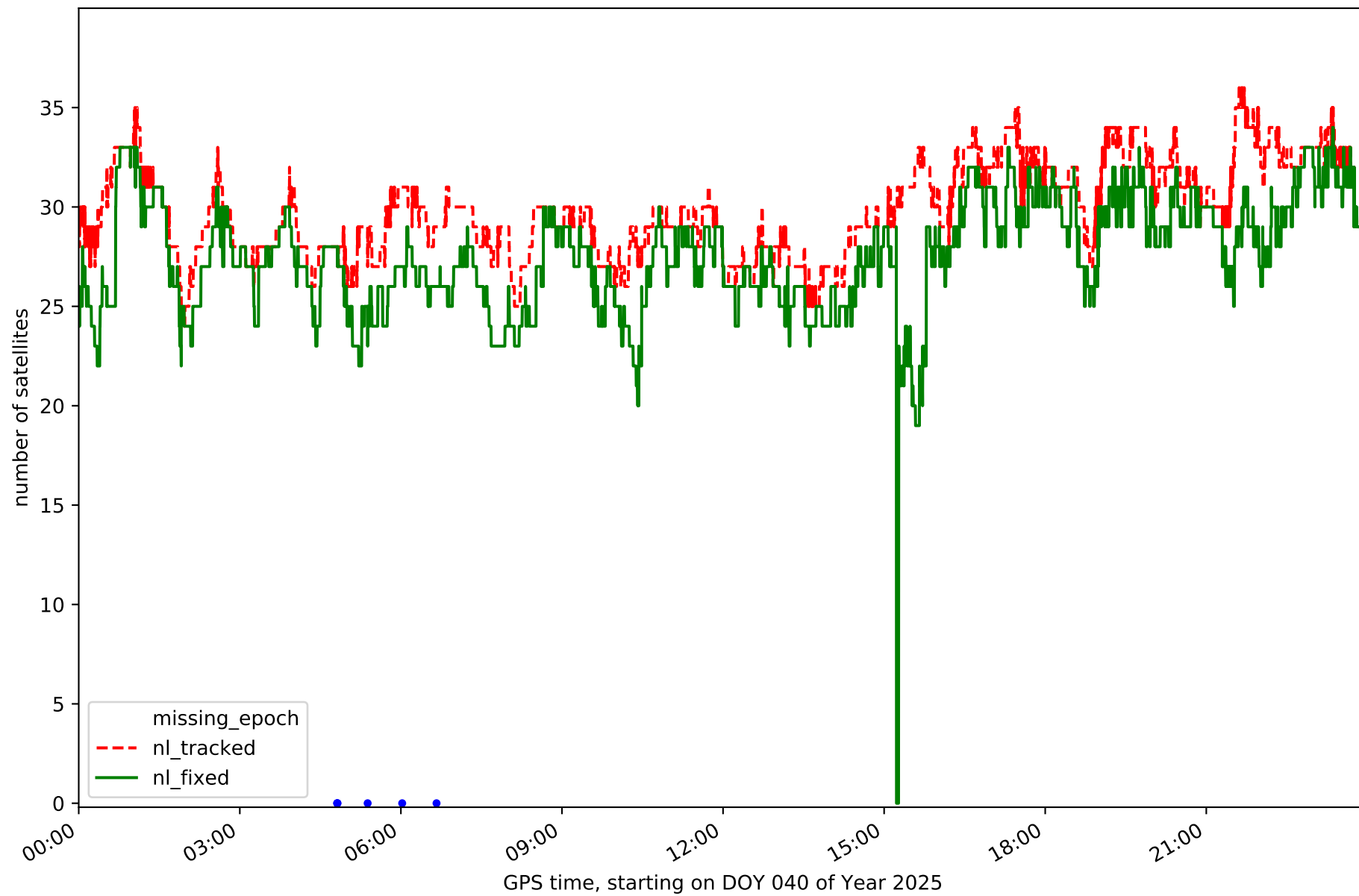
Station ALIA in network NT15



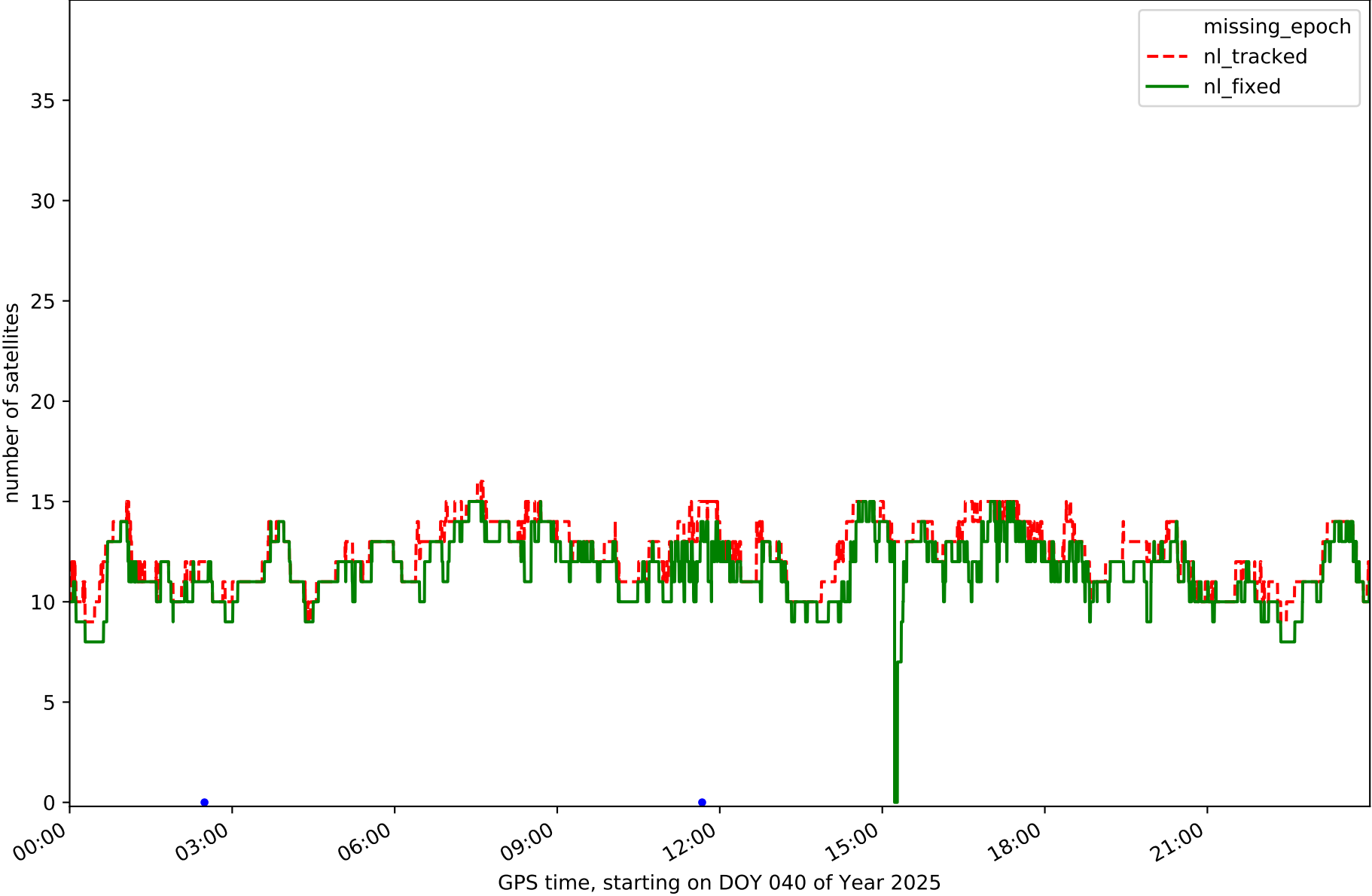
Station ARAS in network NT15



Station BERG in network NT15

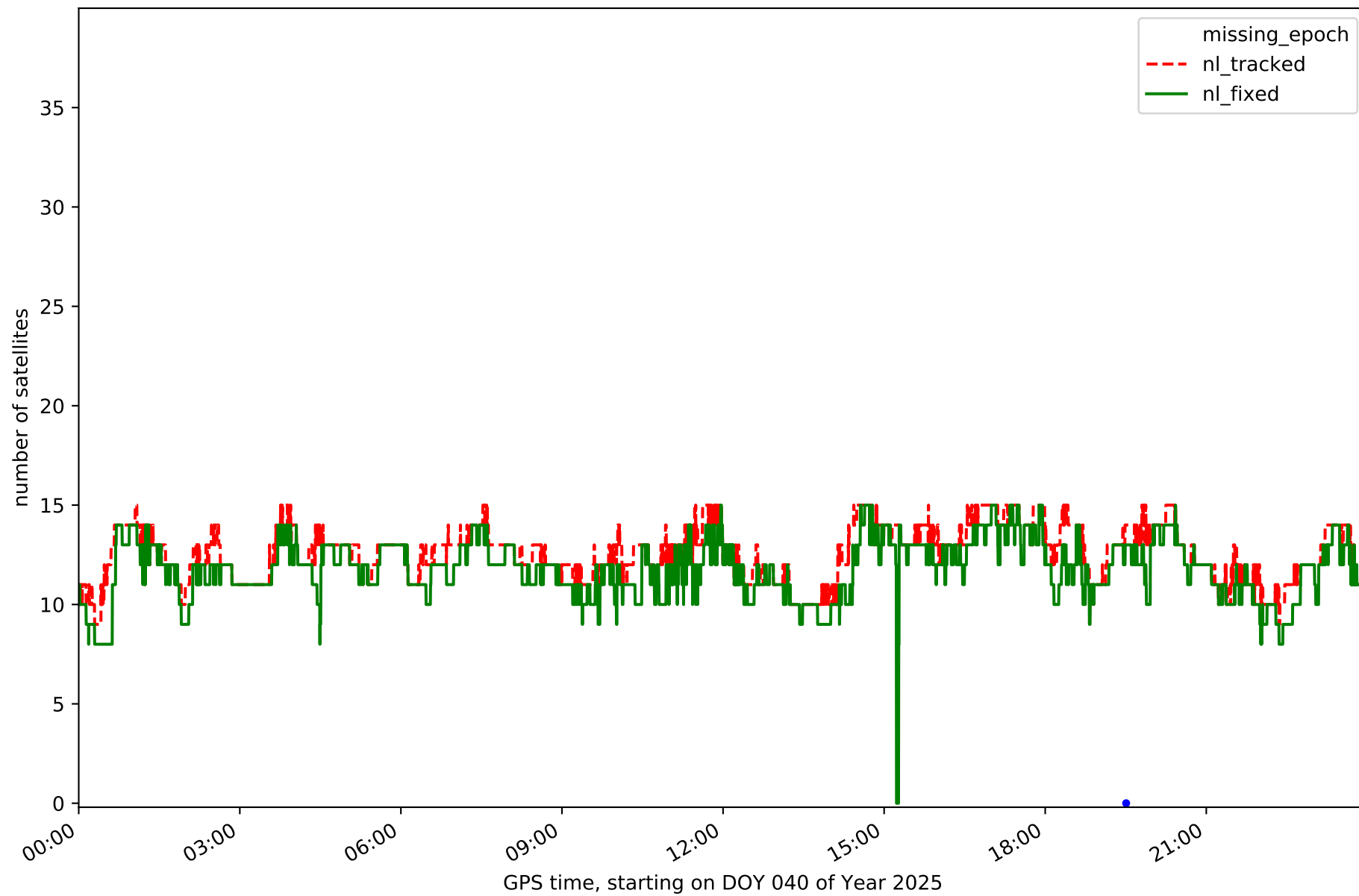


Station CATY in network NT15

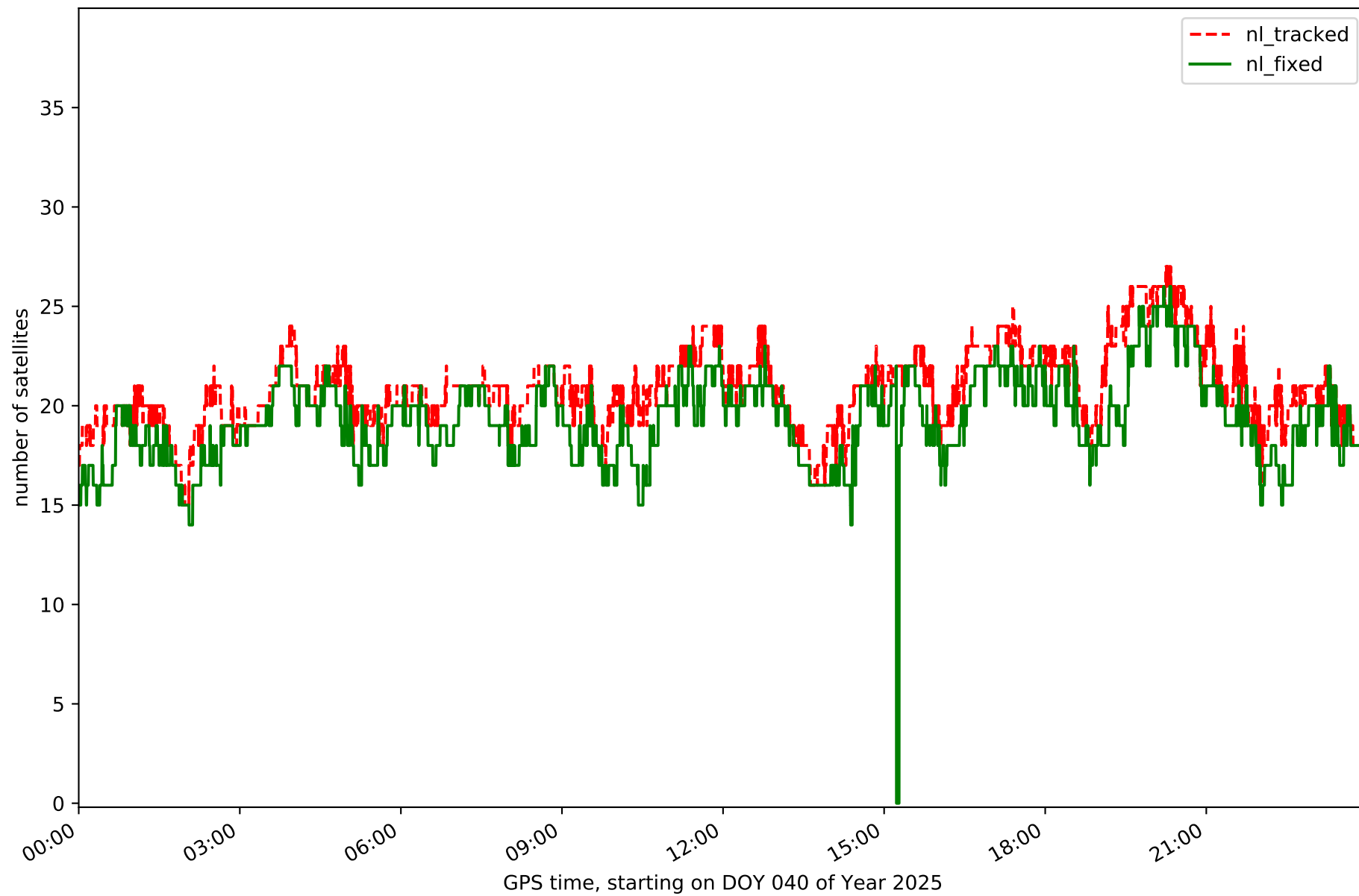




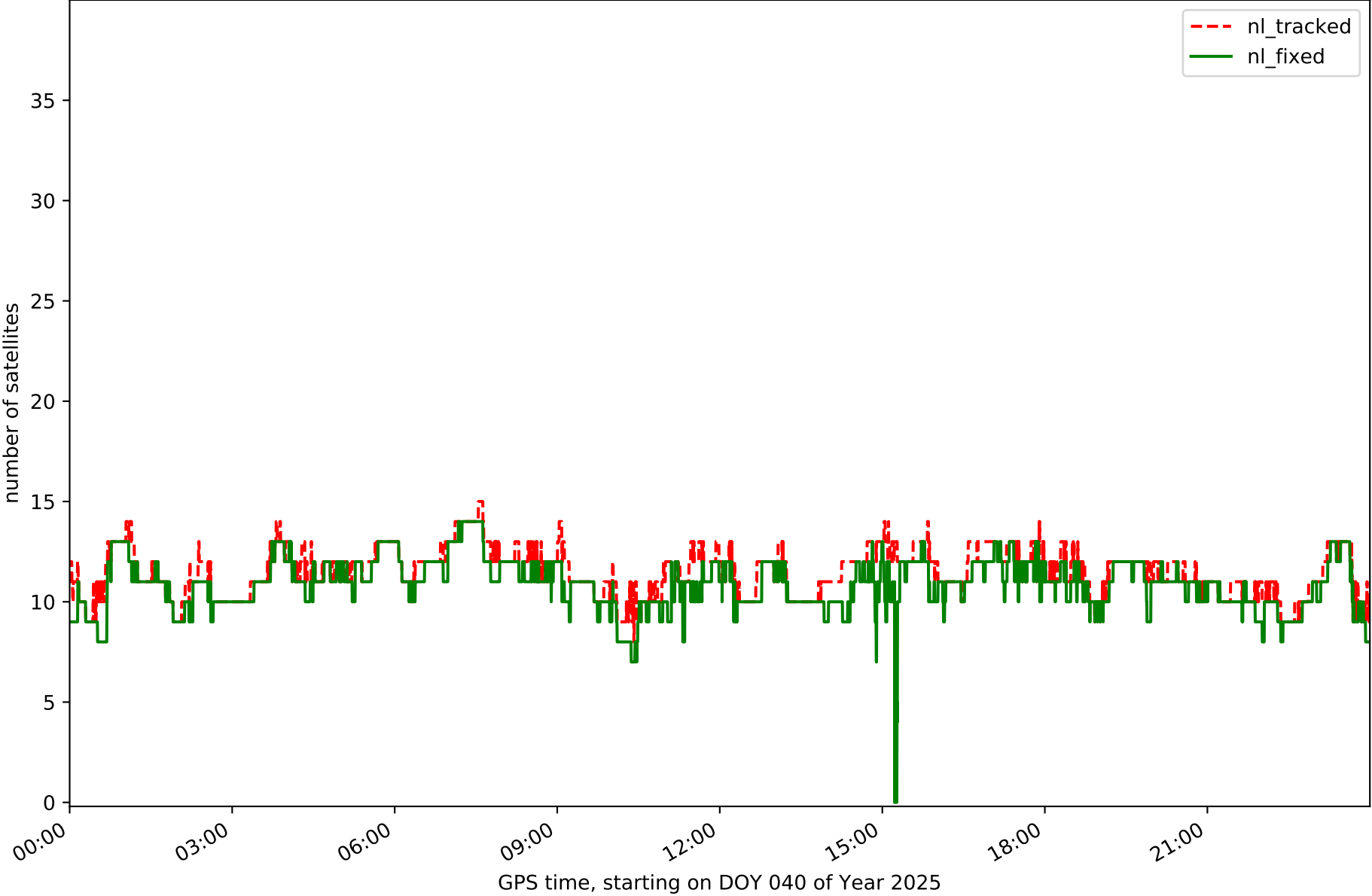
Station CRNA in network NT15



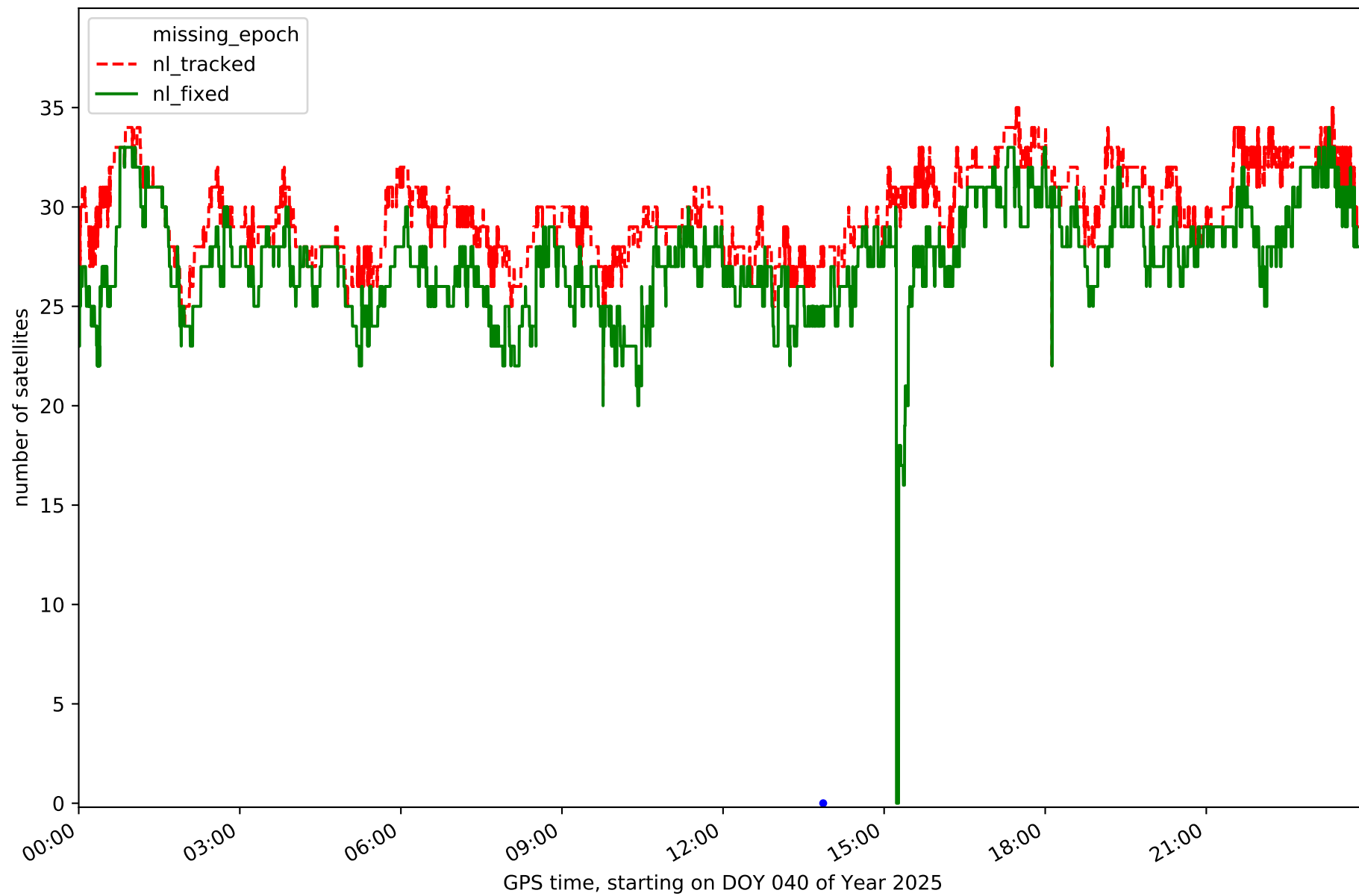
Station MOLI in network NT15



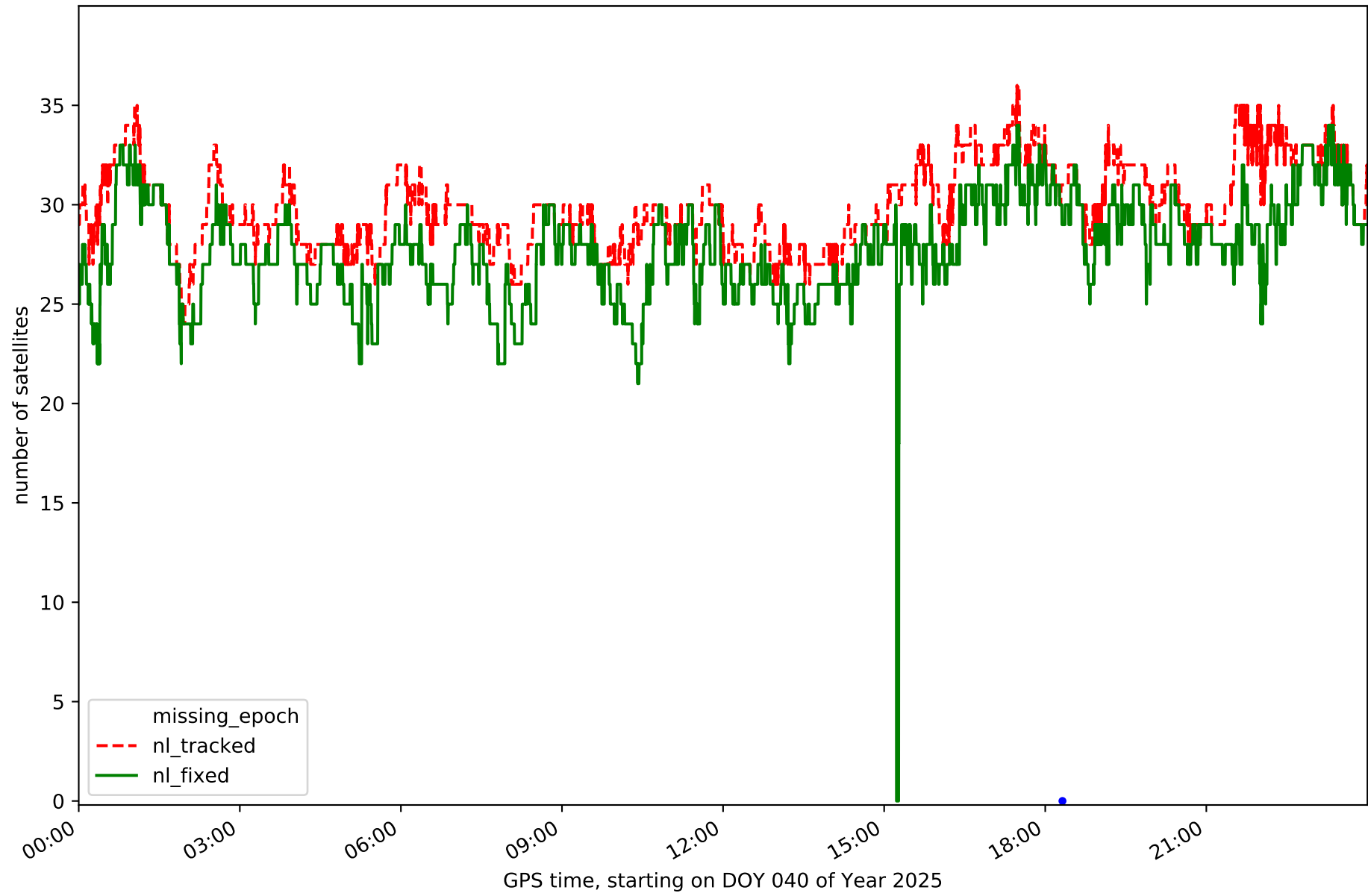
Station MUNI in network NT15



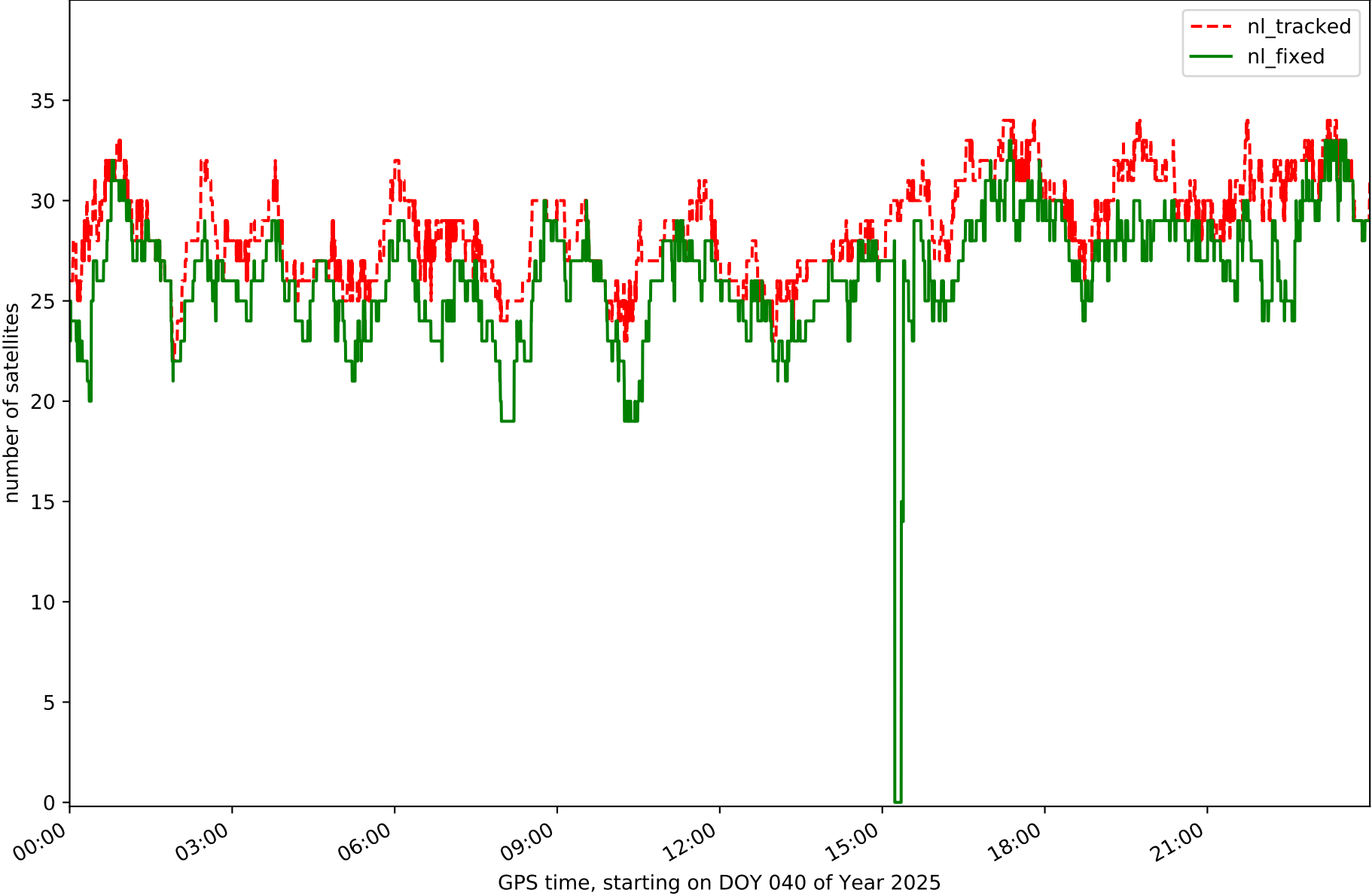
Station QNTO in network NT15



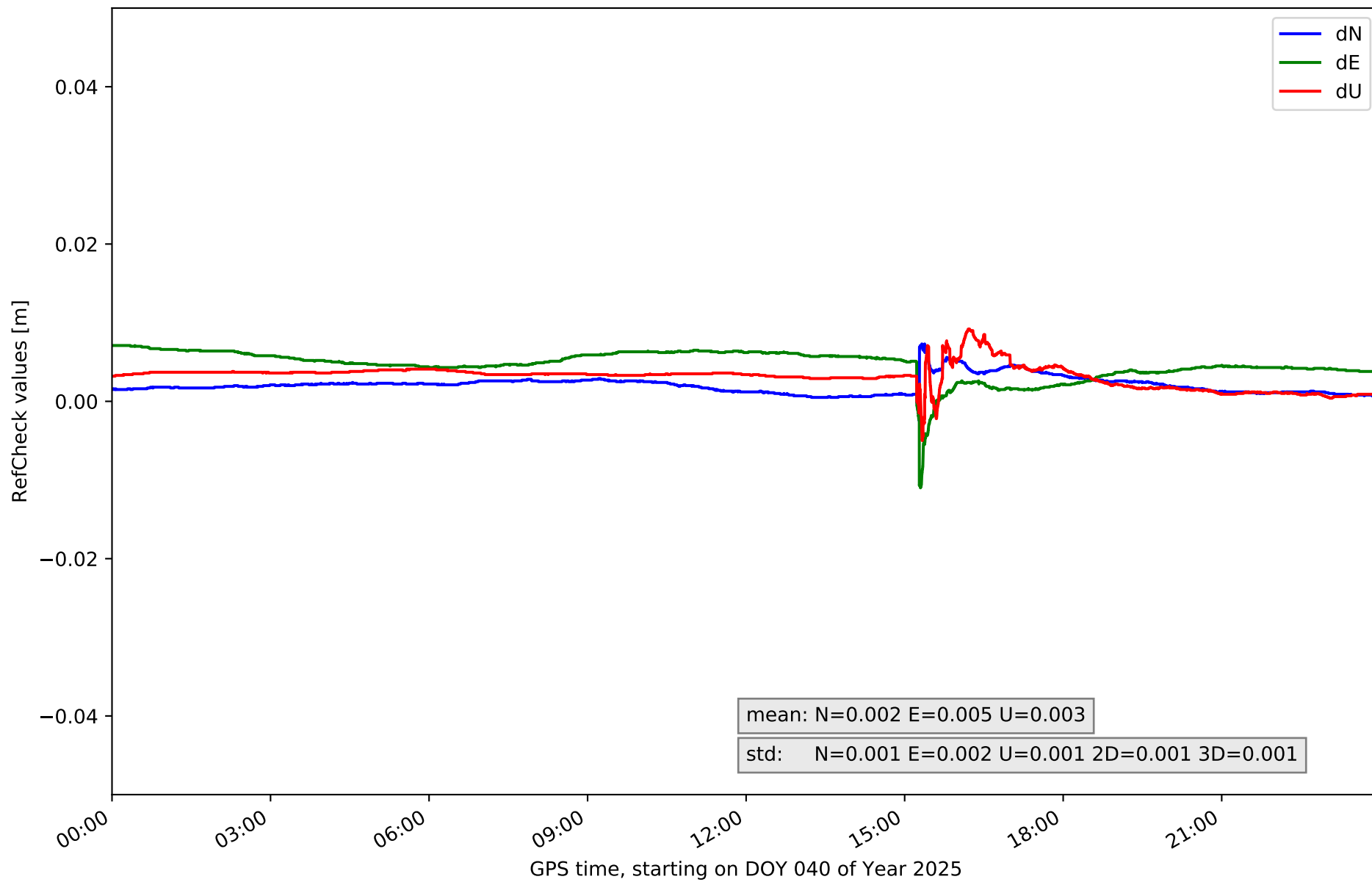
Station TERU in network NT15



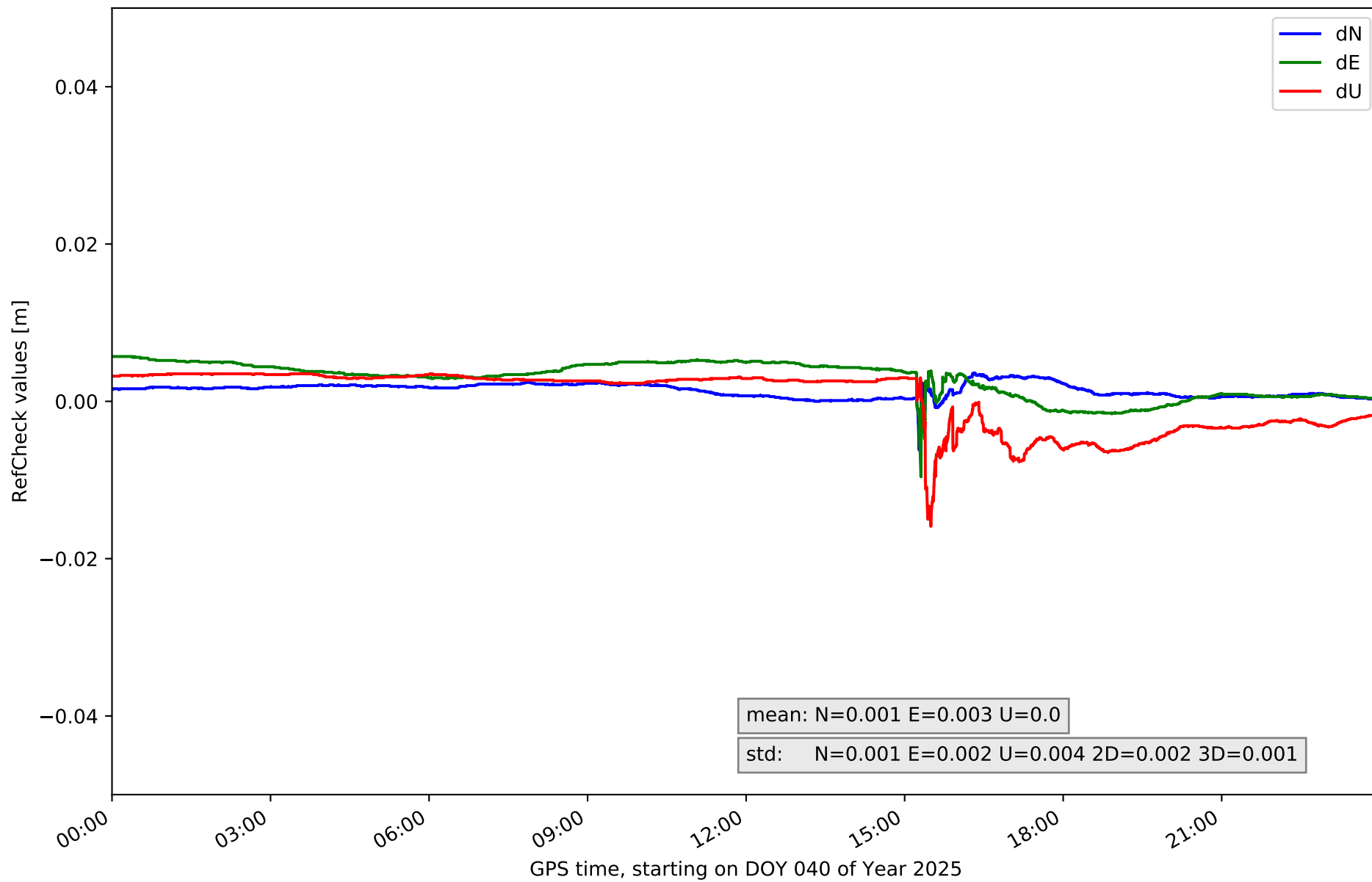
Station YEBE in network NT15



### RefCheck for station ACIN in network NT15

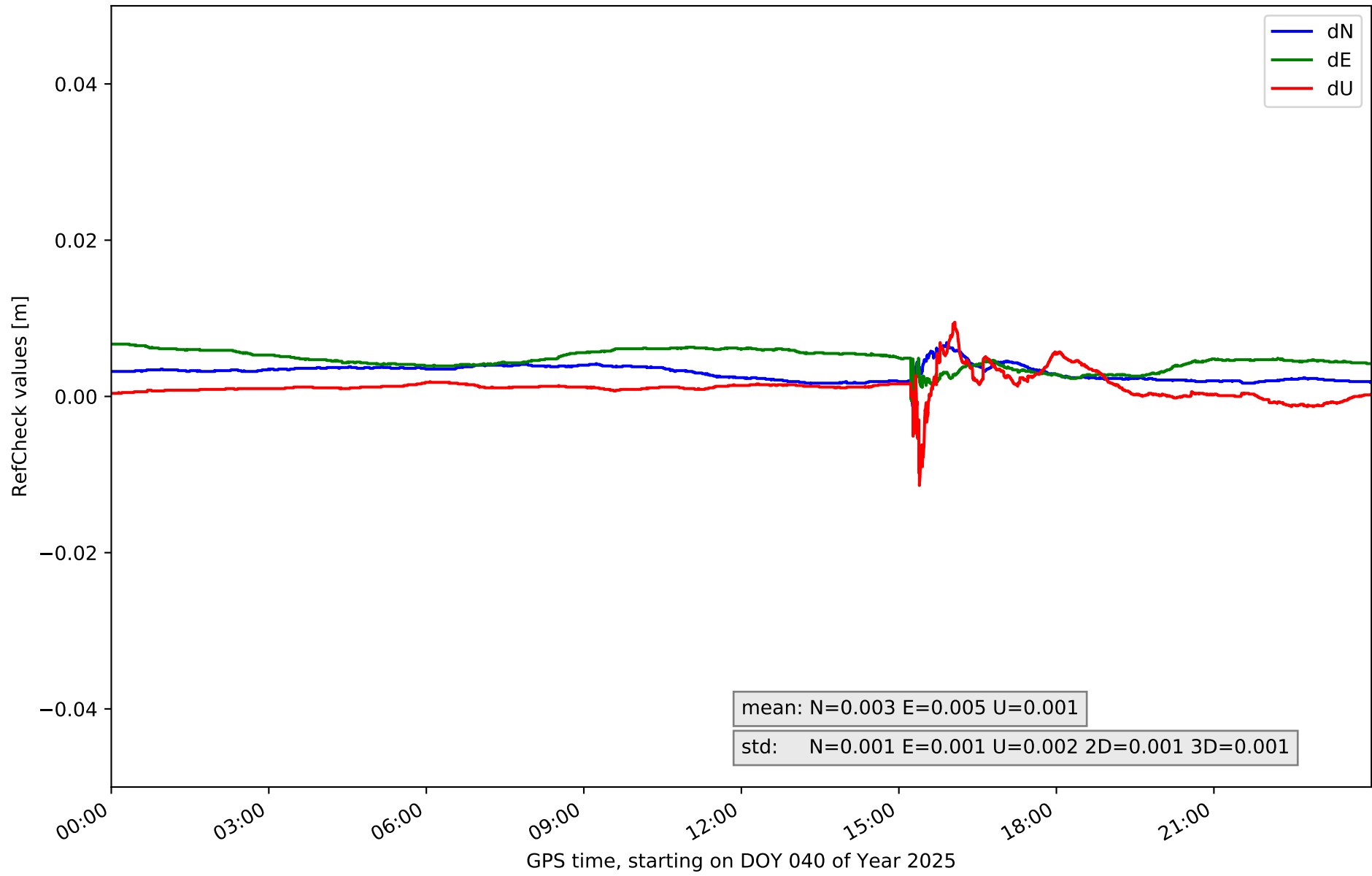


# RefCheck for station AGRD in network NT15

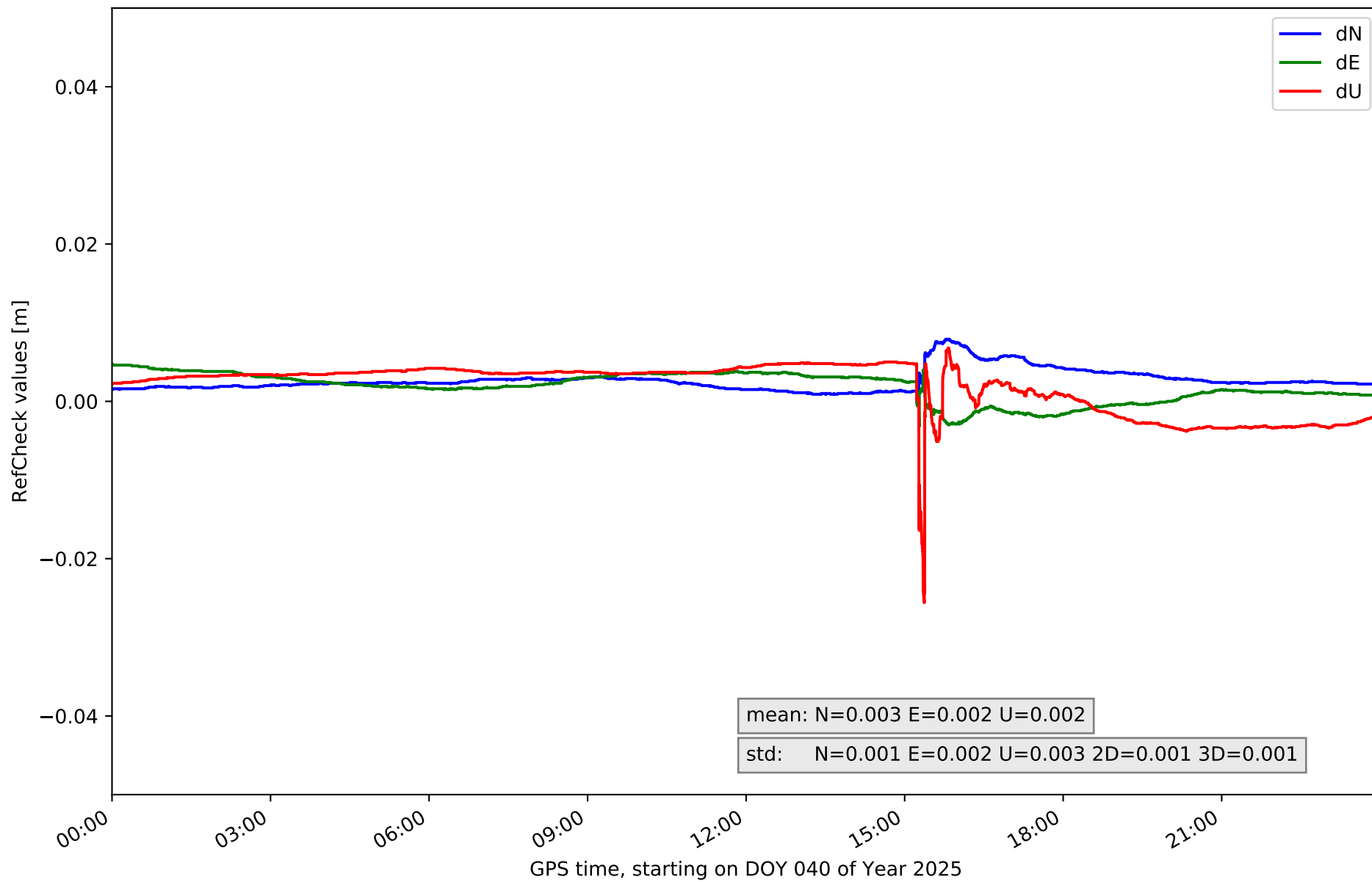




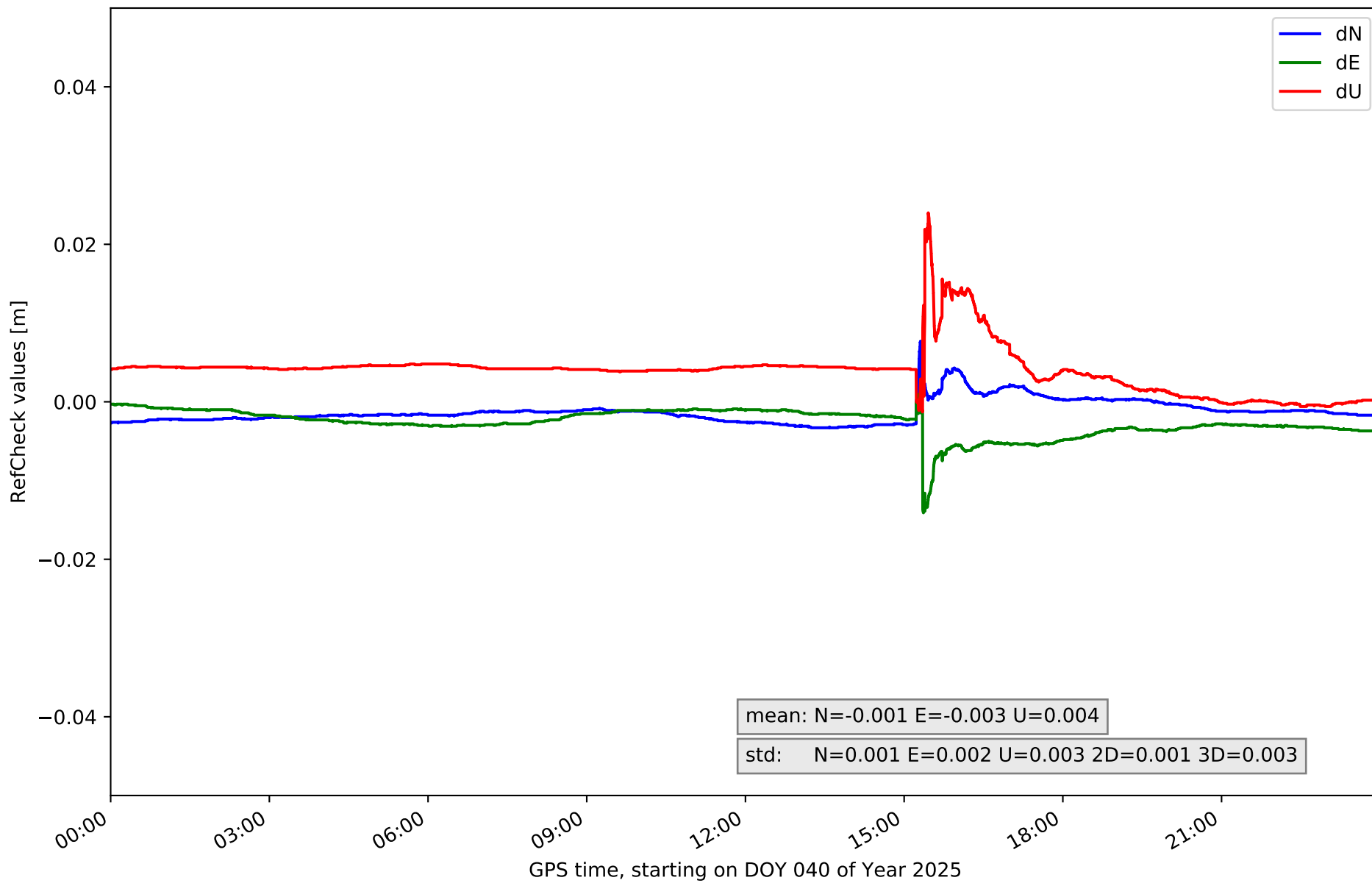
# RefCheck for station ALC1 in network NT15



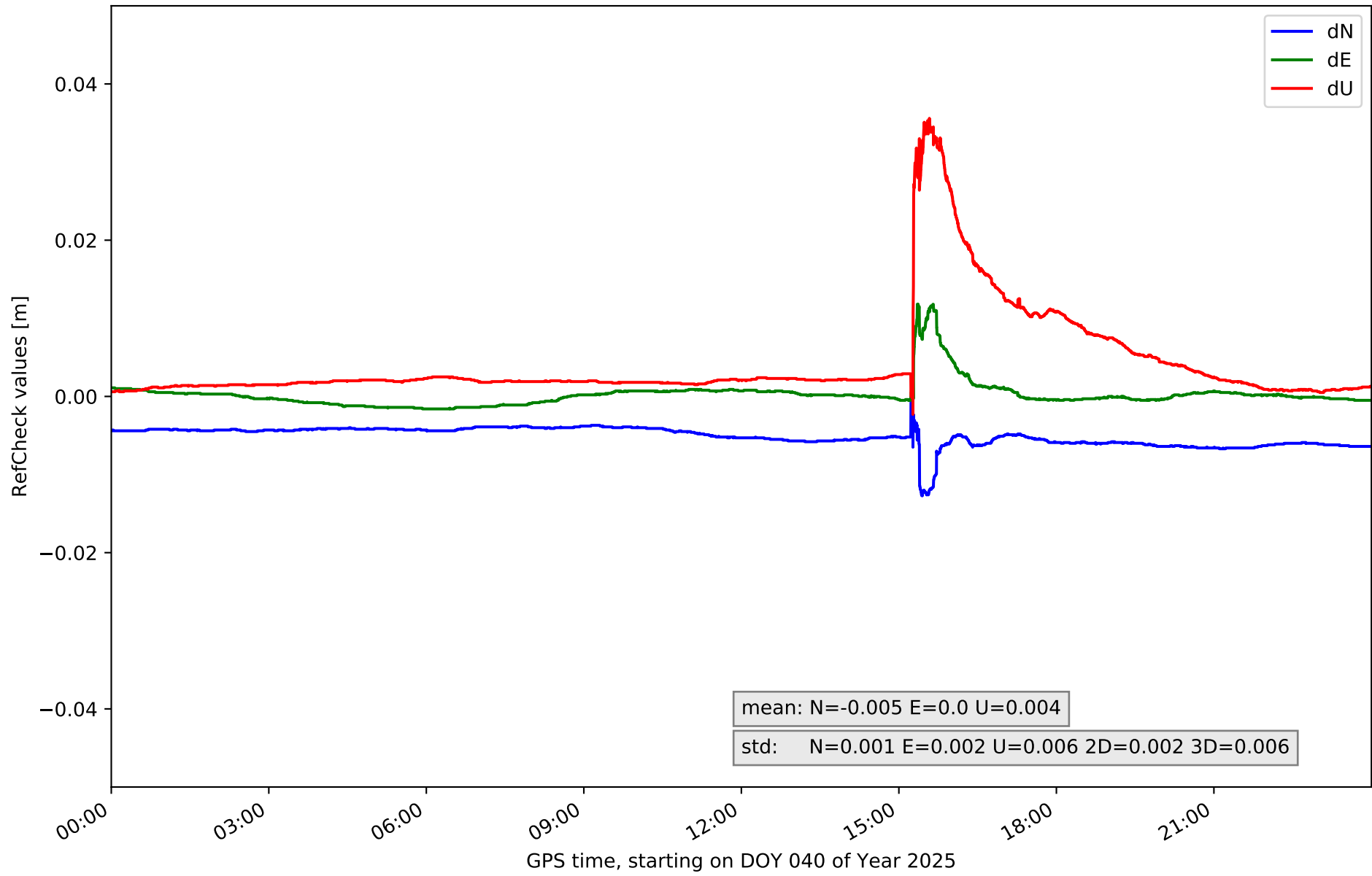
# RefCheck for station ALIA in network NT15



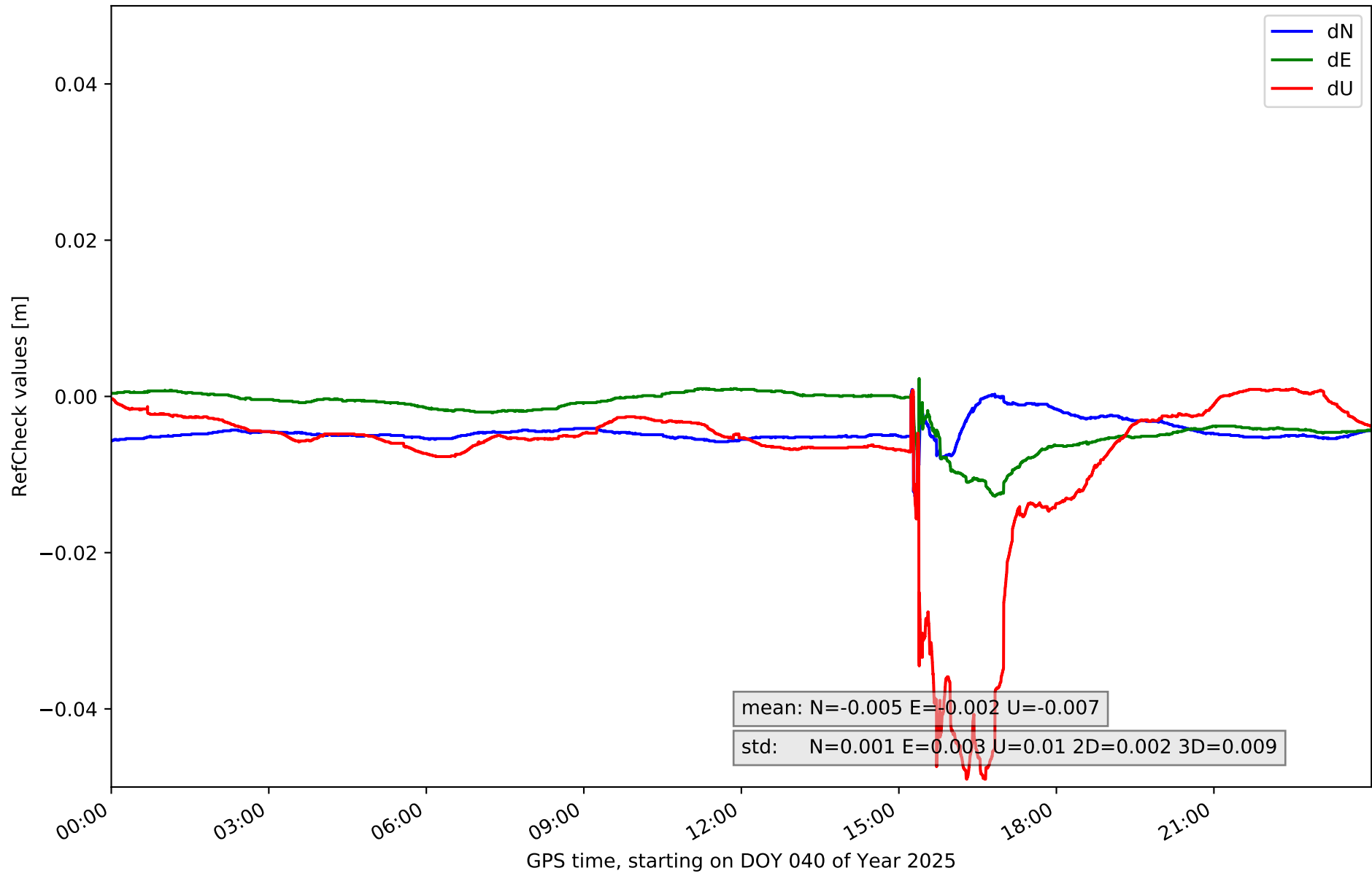
# RefCheck for station ARAS in network NT15



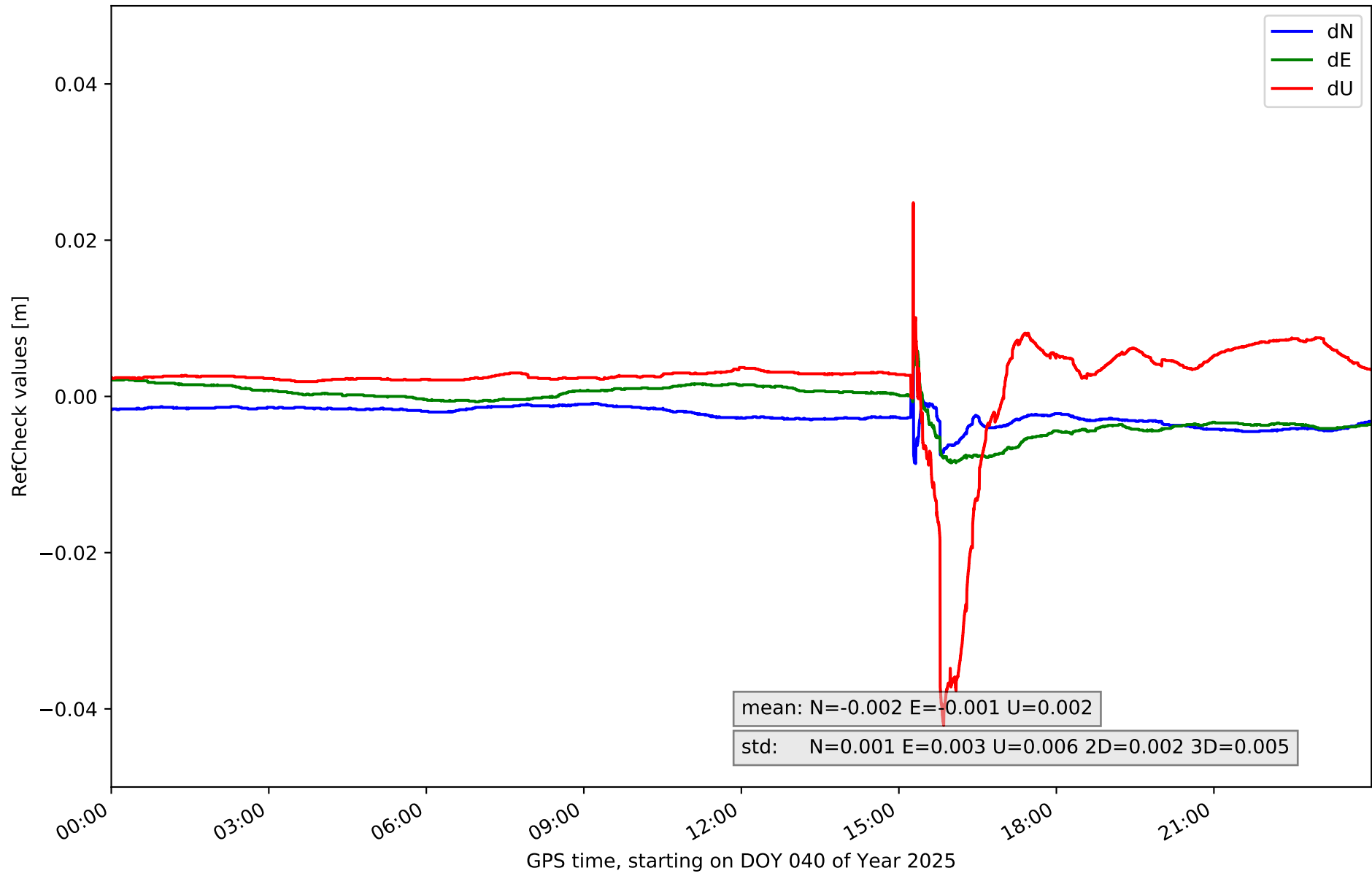
# RefCheck for station BERG in network NT15



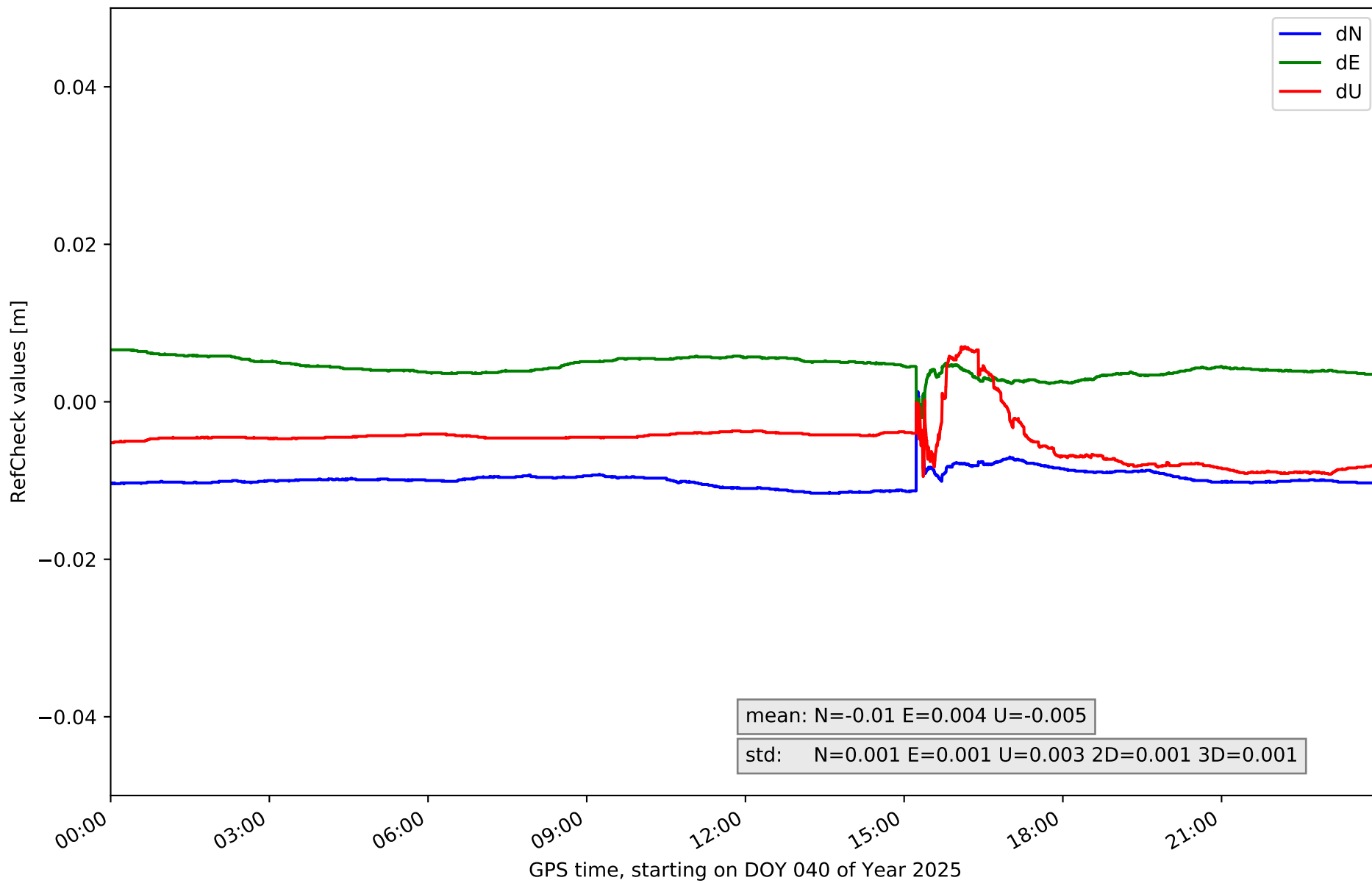
# RefCheck for station CATY in network NT15



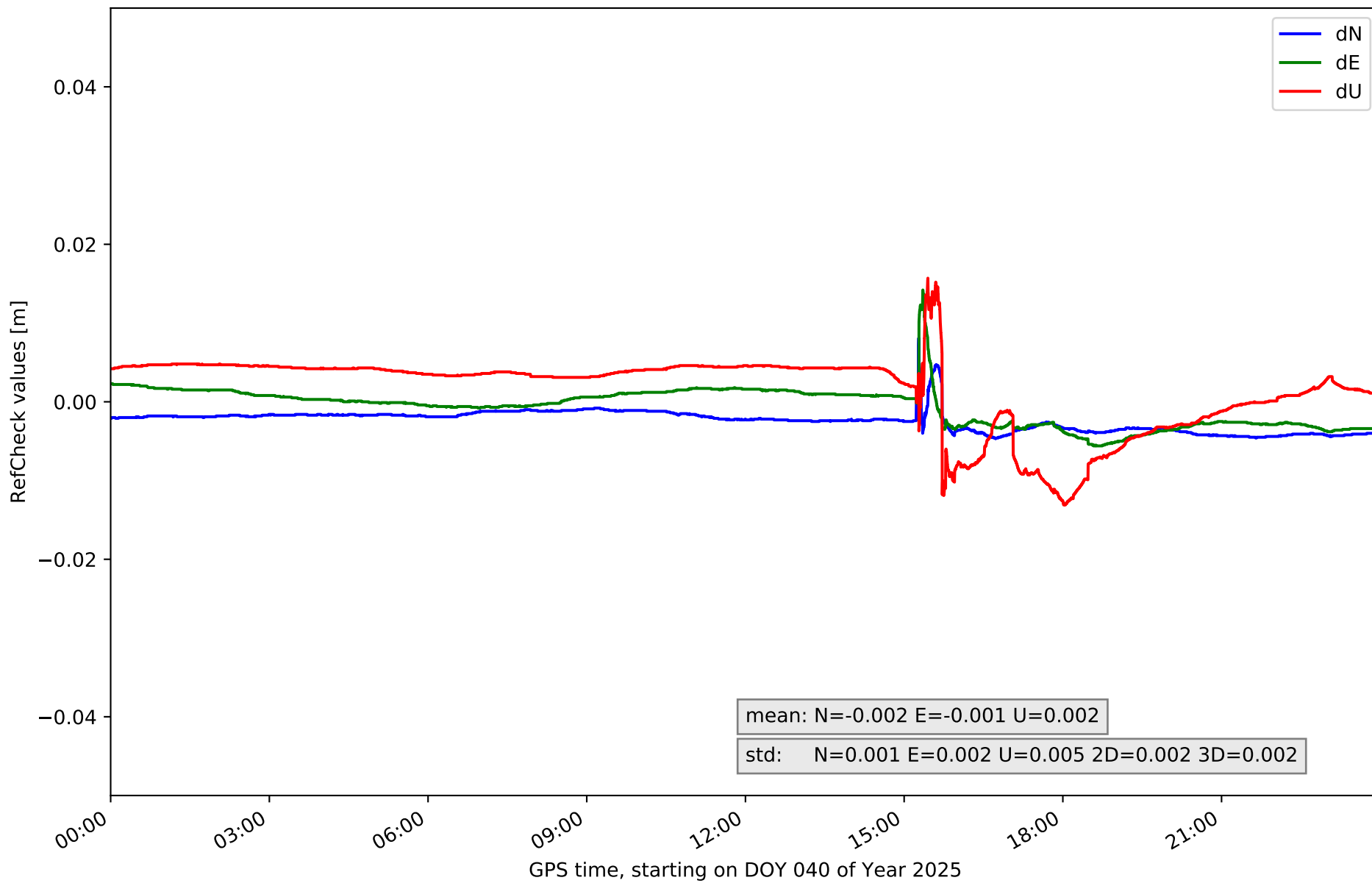
# RefCheck for station CRNA in network NT15



# RefCheck for station MOLI in network NT15

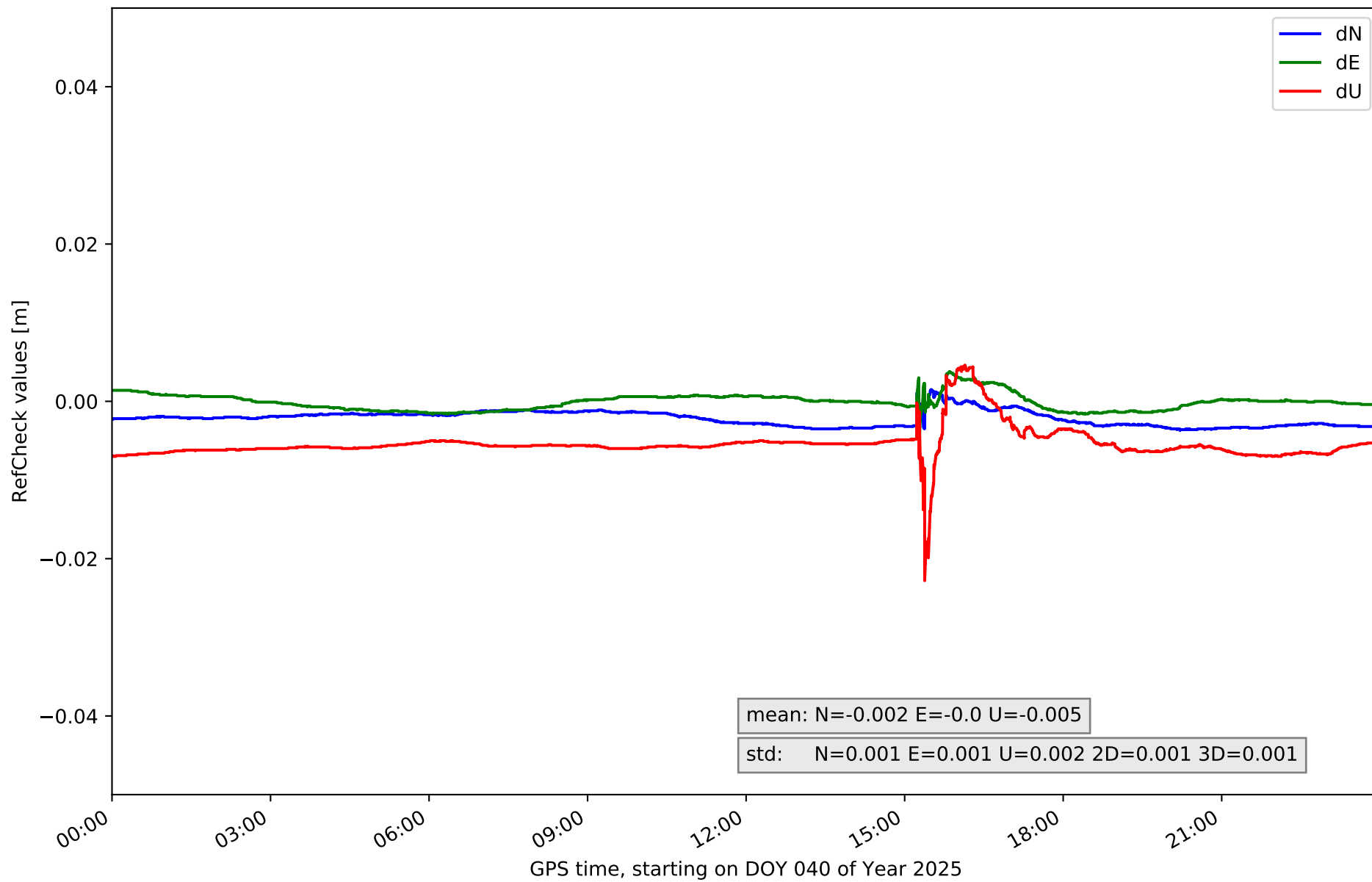


# RefCheck for station MUNI in network NT15

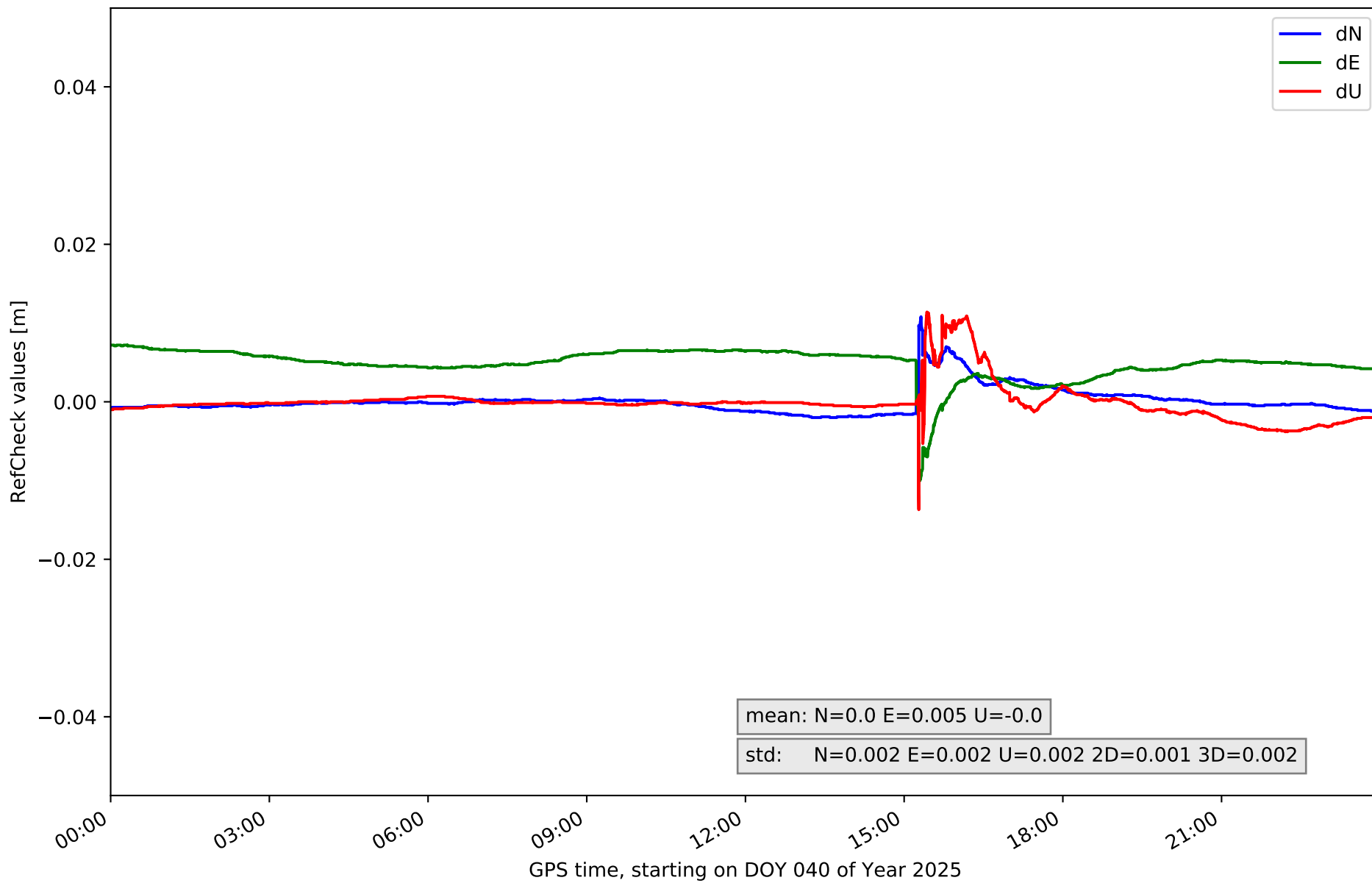




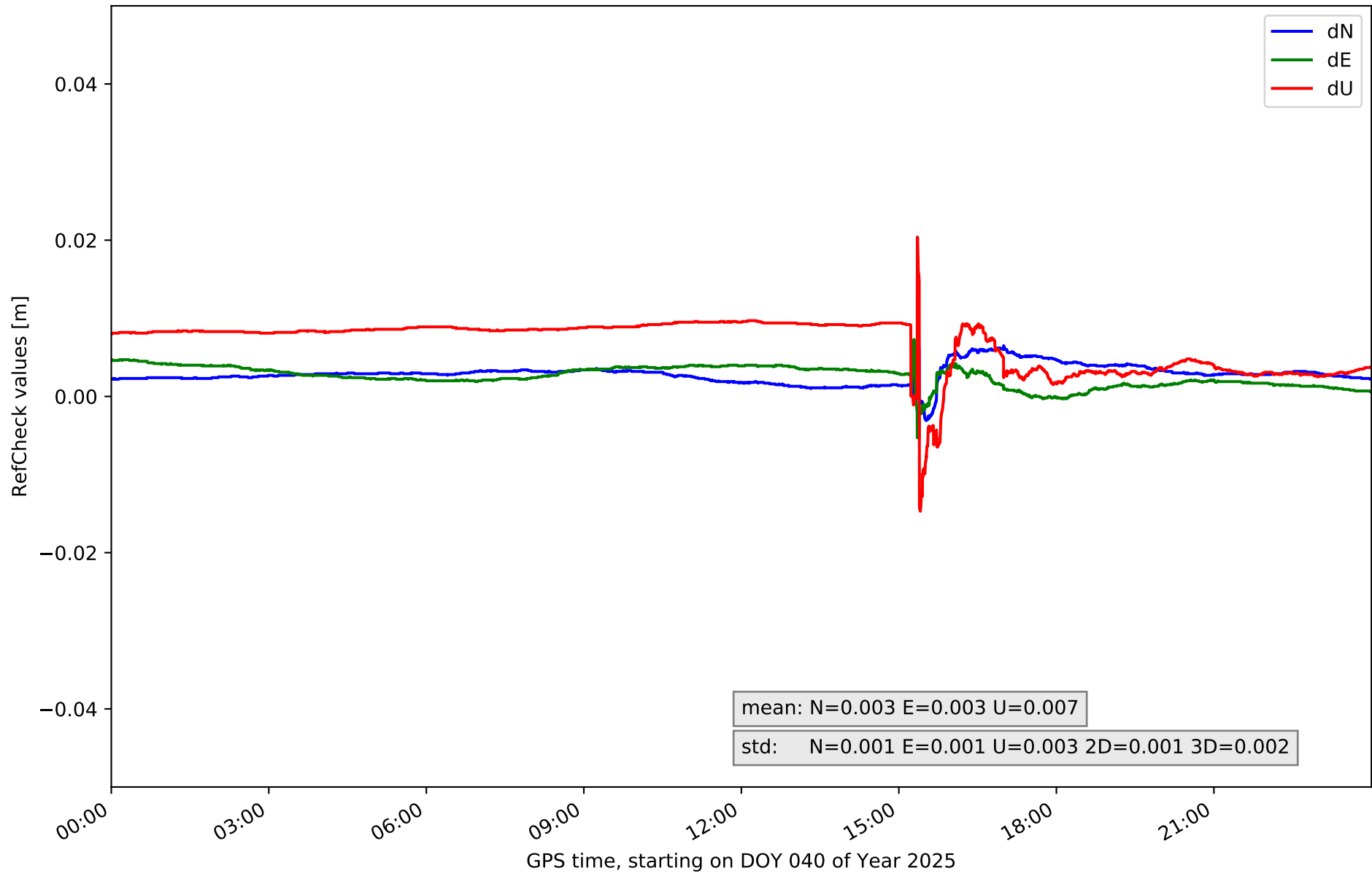
### RefCheck for station QNTO in network NT15



# RefCheck for station TERU in network NT15



# RefCheck for station YEBE in network NT15



## RefCheck values for network NT15

| Station        | Nmin          | Nmax         | Nstd         | Emin          | Emax         | Estd         | Umin          | Umax         | Ustd         | std2D        | std3D        | #2D > 0.01    | % 2D > 0.01 | #3D > 0.02   | % 3D > 0.02 |
|----------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|---------------|-------------|--------------|-------------|
| ACIN           | -0.003        | 0.007        | 0.001        | -0.011        | 0.007        | 0.002        | -0.005        | 0.009        | 0.001        | 0.001        | 0.001        | 230           | 0.3         | 0            | 0.0         |
| AGRD           | -0.006        | 0.004        | 0.001        | -0.01         | 0.006        | 0.002        | -0.016        | 0.004        | 0.004        | 0.002        | 0.001        | 26            | 0.0         | 0            | 0.0         |
| ALC1           | -0.004        | 0.007        | 0.001        | -0.002        | 0.007        | 0.001        | -0.011        | 0.009        | 0.002        | 0.001        | 0.001        | 0             | 0.0         | 0            | 0.0         |
| ALIA           | -0.0          | 0.008        | 0.001        | -0.003        | 0.005        | 0.002        | -0.026        | 0.007        | 0.003        | 0.001        | 0.001        | 0             | 0.0         | 106          | 0.1         |
| ARAS           | -0.003        | 0.008        | 0.001        | -0.014        | 0.001        | 0.002        | -0.001        | 0.024        | 0.003        | 0.001        | 0.003        | 689           | 0.8         | 480          | 0.6         |
| BERG           | -0.013        | 0.001        | 0.001        | -0.002        | 0.012        | 0.002        | -0.002        | 0.036        | 0.006        | 0.002        | 0.006        | 1532          | 1.8         | 3721         | 4.4         |
| CATY           | -0.013        | 0.001        | 0.001        | -0.013        | 0.002        | 0.003        | -0.049        | 0.001        | 0.01         | 0.002        | 0.009        | 4965          | 5.9         | 6228         | 7.4         |
| CRNA           | -0.009        | 0.006        | 0.001        | -0.009        | 0.006        | 0.003        | -0.042        | 0.025        | 0.006        | 0.002        | 0.005        | 1375          | 1.6         | 2227         | 2.6         |
| MOLI           | -0.012        | 0.001        | 0.001        | -0.002        | 0.007        | 0.001        | -0.009        | 0.007        | 0.003        | 0.001        | 0.001        | 68196         | 81.1        | 0            | 0.0         |
| MUNI           | -0.005        | 0.008        | 0.001        | -0.006        | 0.014        | 0.002        | -0.013        | 0.016        | 0.005        | 0.002        | 0.002        | 419           | 0.5         | 0            | 0.0         |
| QNT0           | -0.004        | 0.002        | 0.001        | -0.005        | 0.004        | 0.001        | -0.023        | 0.005        | 0.002        | 0.001        | 0.001        | 0             | 0.0         | 54           | 0.1         |
| TERU           | -0.002        | 0.011        | 0.002        | -0.01         | 0.007        | 0.002        | -0.014        | 0.011        | 0.002        | 0.001        | 0.002        | 230           | 0.3         | 0            | 0.0         |
| YEBE           | -0.003        | 0.009        | 0.001        | -0.005        | 0.007        | 0.001        | -0.015        | 0.02         | 0.003        | 0.001        | 0.002        | 20            | 0.0         | 63           | 0.1         |
| <b>Mean</b>    | <b>-0.006</b> | <b>0.006</b> | <b>0.001</b> | <b>-0.007</b> | <b>0.007</b> | <b>0.002</b> | <b>-0.017</b> | <b>0.013</b> | <b>0.004</b> | <b>0.001</b> | <b>0.003</b> | <b>5975.5</b> | <b>7.1</b>  | <b>990.7</b> | <b>1.2</b>  |
| <b>Min/Max</b> | <b>-0.013</b> | <b>0.011</b> | <b>0.002</b> | <b>-0.014</b> | <b>0.014</b> | <b>0.003</b> | <b>-0.049</b> | <b>0.036</b> | <b>0.01</b>  | <b>0.002</b> | <b>0.009</b> | <b>68196</b>  | <b>81.1</b> | <b>6228</b>  | <b>7.4</b>  |

## fixing statistic for network NT15

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--|----------|------|------|------|------|
| using threshold 0.3                              | 93.1     | 94.1 | 92.7 | 95.6 | 89.8 |
| considering satellites with dual-frequency fixed | 91.8     | 93.1 | 90.2 | 94.1 | 88.8 |
| considering all signals separately               | 91.8     | 93.1 | 90.2 | 94.4 | 87.2 |