

## summary for network NT13

timeperiod chosen: from 2025-06-14-00:00:00 until 2025-06-14-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.5 seconds

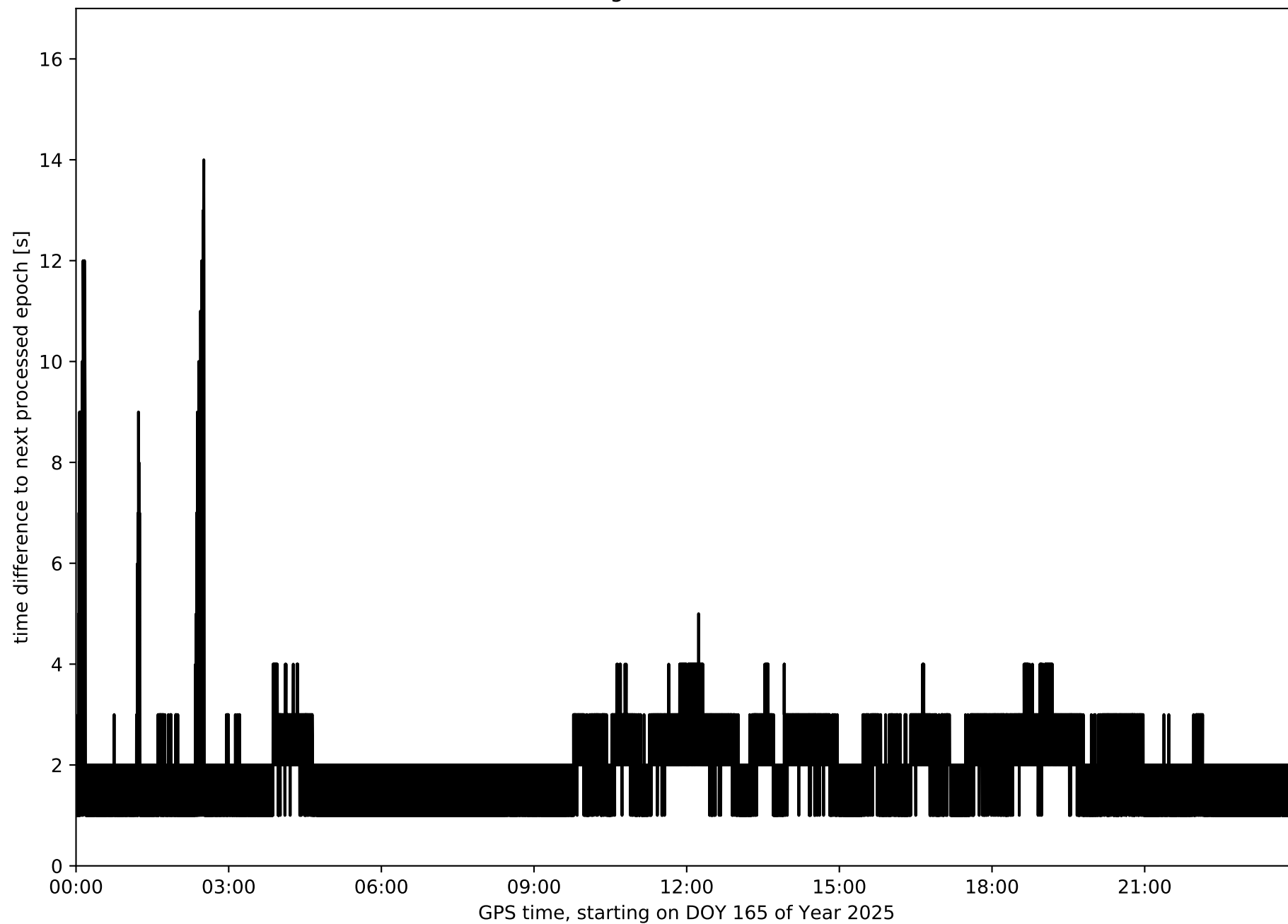
average fixing percentage with threshold set to 0.3: 88.5 percent

stations available: 17 of 17

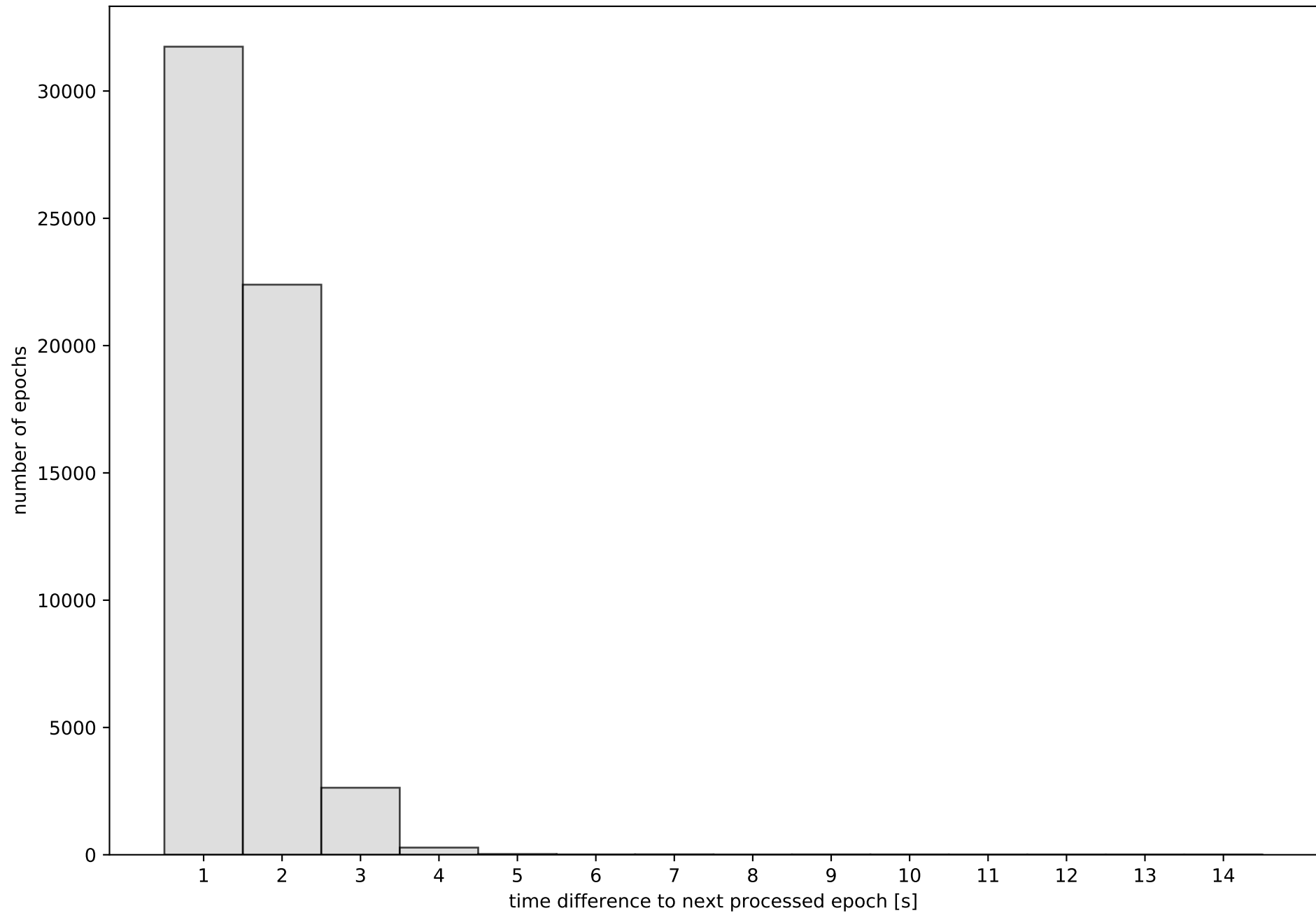
station information:

|               |                              |                         |                 |
|---------------|------------------------------|-------------------------|-----------------|
| station ALGC: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 117.171 |
| station AND2: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50    | height: 284.274 |
| station ARAC: | antenna: LEIAR20 LEIM        | receiver: LEICA GR25    | height: 725.104 |
| station CABR: | antenna: LEIAT504 LEIS       | receiver: LEICA GR25    | height: 572.15  |
| station CAZA: | antenna: LEIAR20 LEIM        | receiver: LEICA GR25    | height: 663.115 |
| station CEU1: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 52.521  |
| station CRDB: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 196.076 |
| station HUEL: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50    | height: 81.905  |
| station LEBR: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 77.577  |
| station MALA: | antenna: LEIAR25.R4 LEIT     | receiver: LEICA GR25    | height: 122.877 |
| station MOFR: | antenna: TRM57971.00 TZGD    | receiver: TRIMBLE NETR9 | height: 276.415 |
| station MOTR: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 166.934 |
| station OSUN: | antenna: GPPNULLANTENNA NONE | receiver: TRIMBLE NETR9 | height: 363.146 |
| station RON1: | antenna: GPPNULLANTENNA NONE | receiver: TRIMBLE NETR9 | height: 820.772 |
| station SEV1: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 69.752  |
| station TAR0: | antenna: LEIAR20 LEIM        | receiver: LEICA GR25    | height: 50.076  |
| station UCA1: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 67.718  |

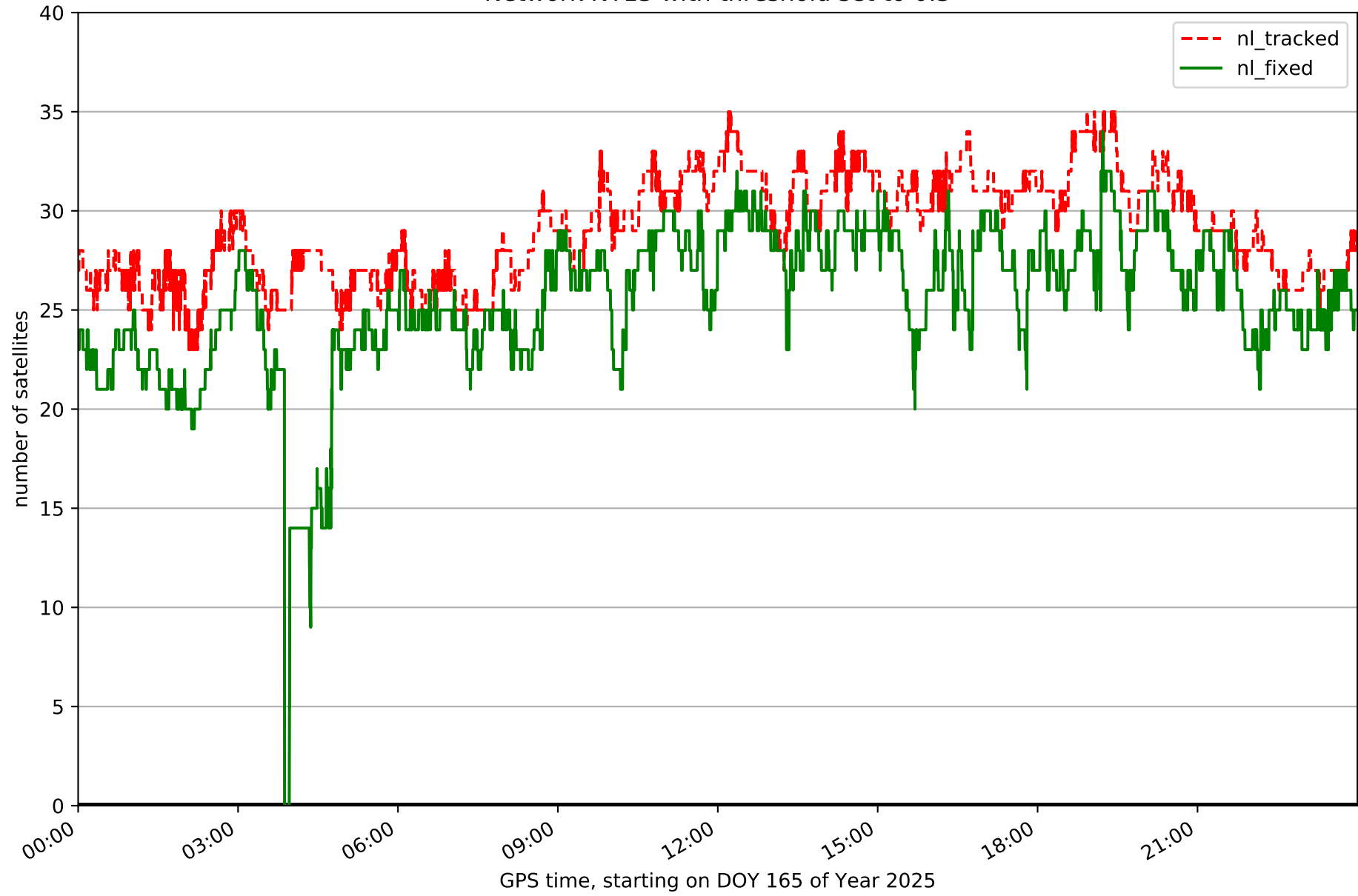
Processing rate in network NT13



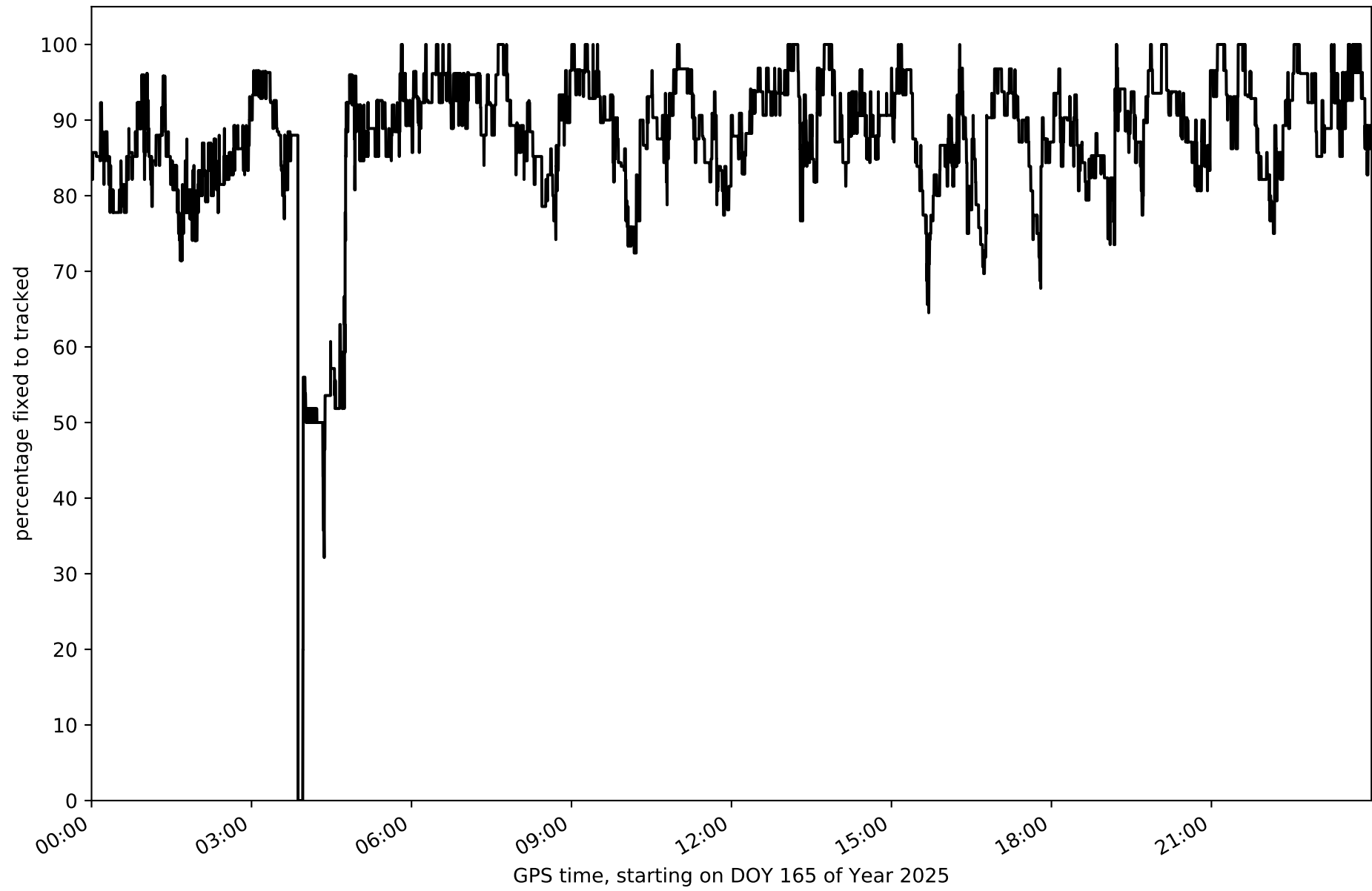
Histogram of the processing rate in network NT13 (durations larger 15 seconds neglected)



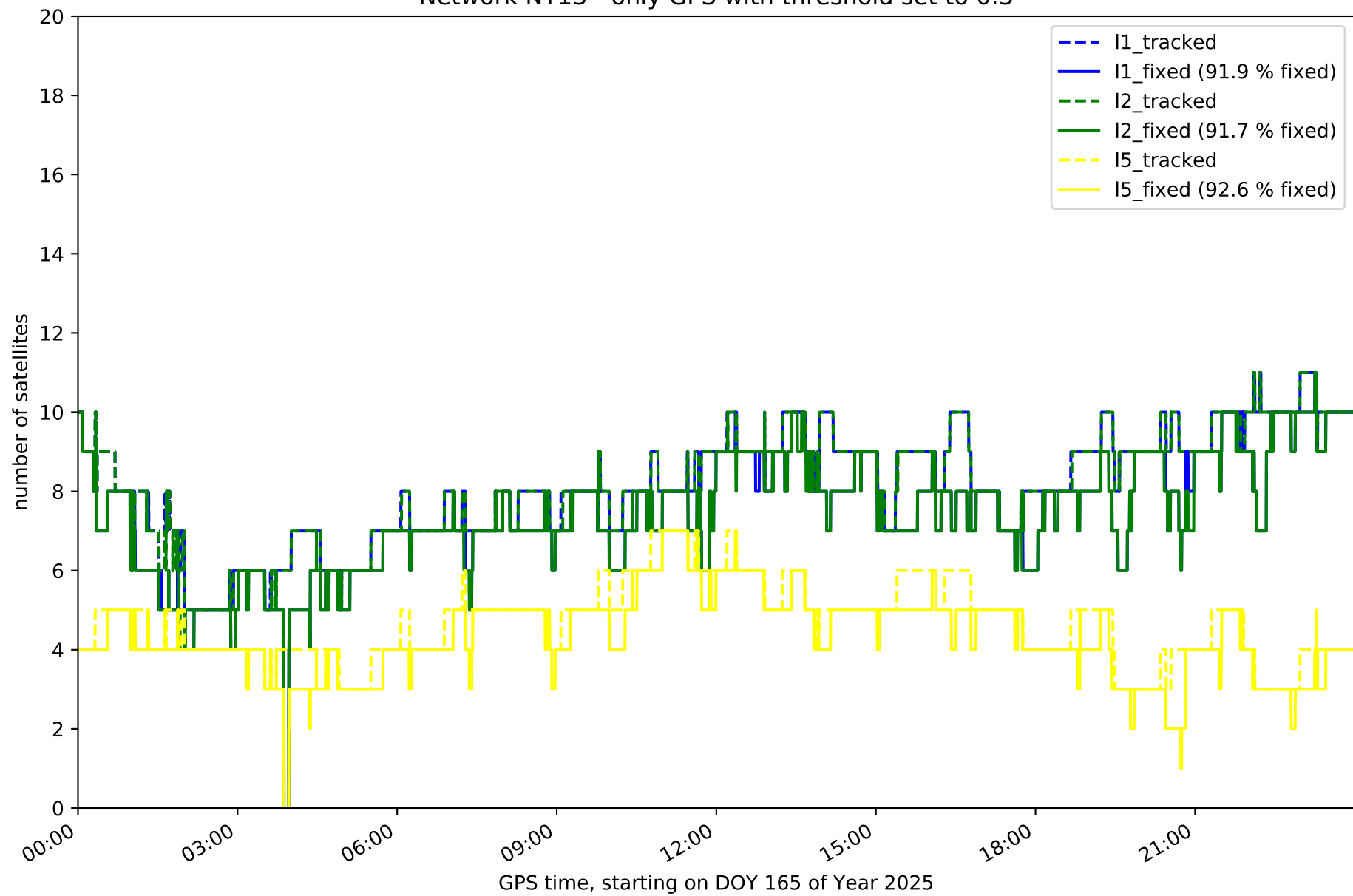
Network NT13 with threshold set to 0.3



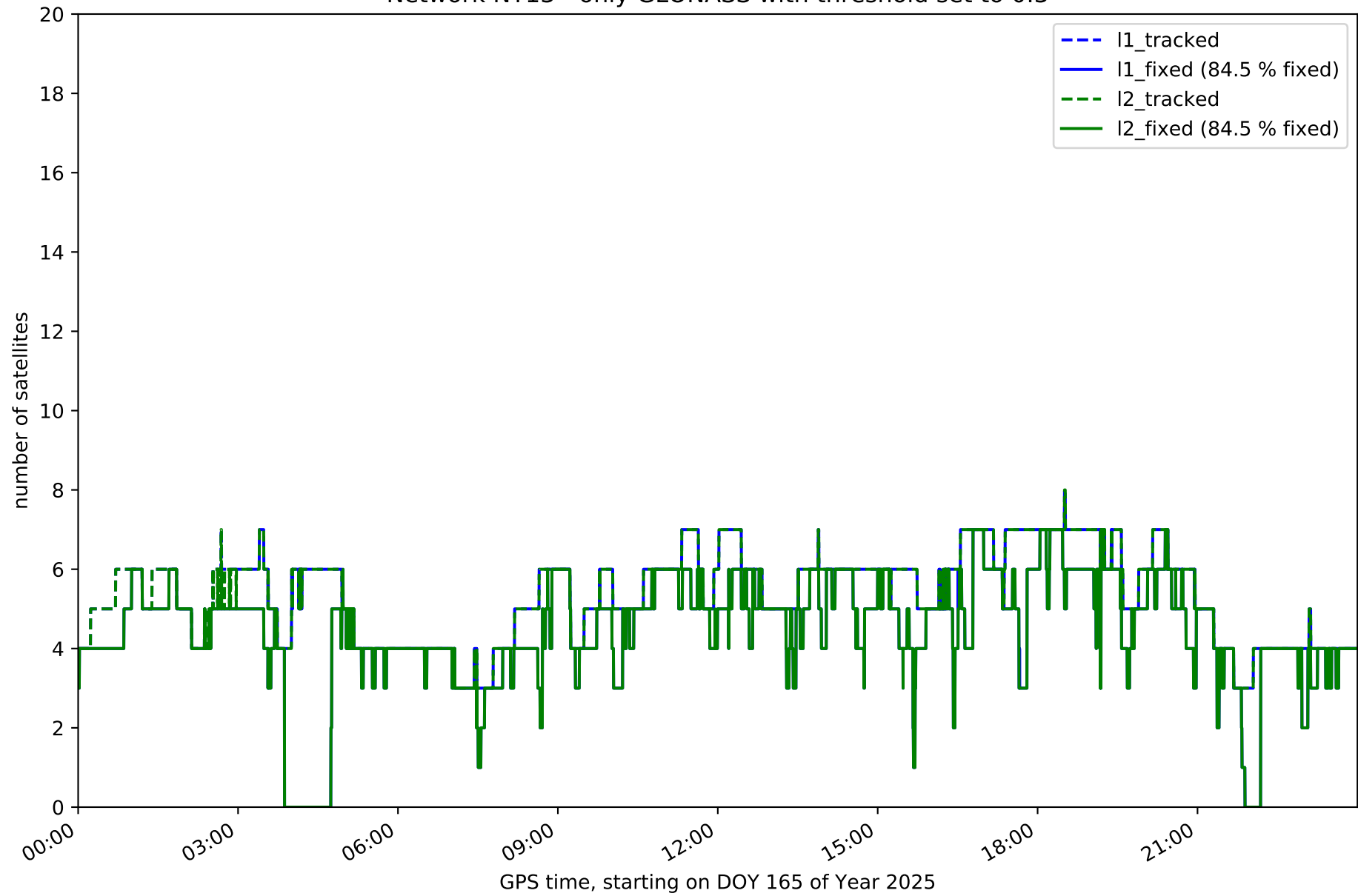
Fixing percentage of satellites in network NT13 with threshold set to 0.3



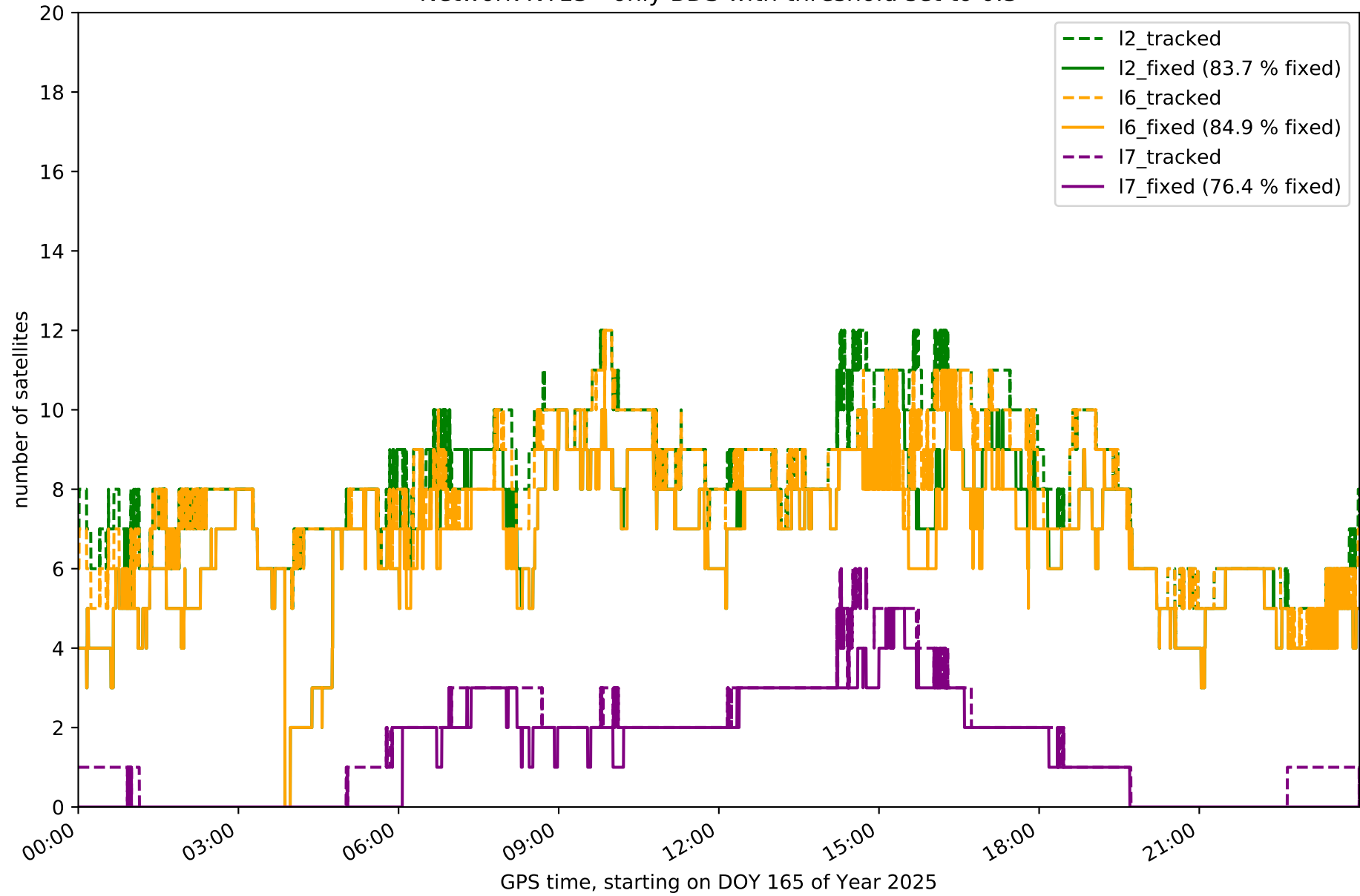
Network NT13 - only GPS with threshold set to 0.3



Network NT13 - only GLONASS with threshold set to 0.3

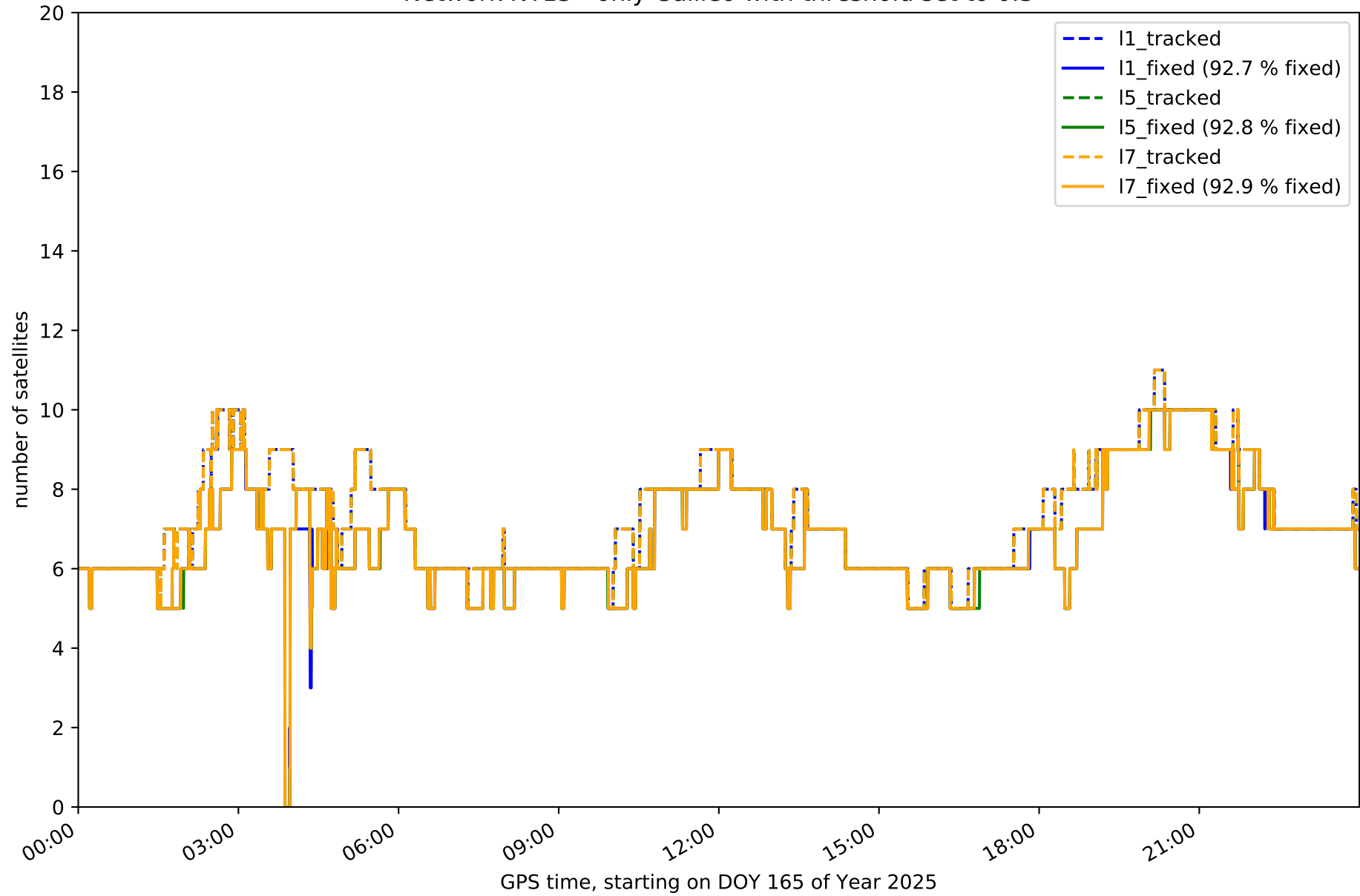


Network NT13 - only BDS with threshold set to 0.3

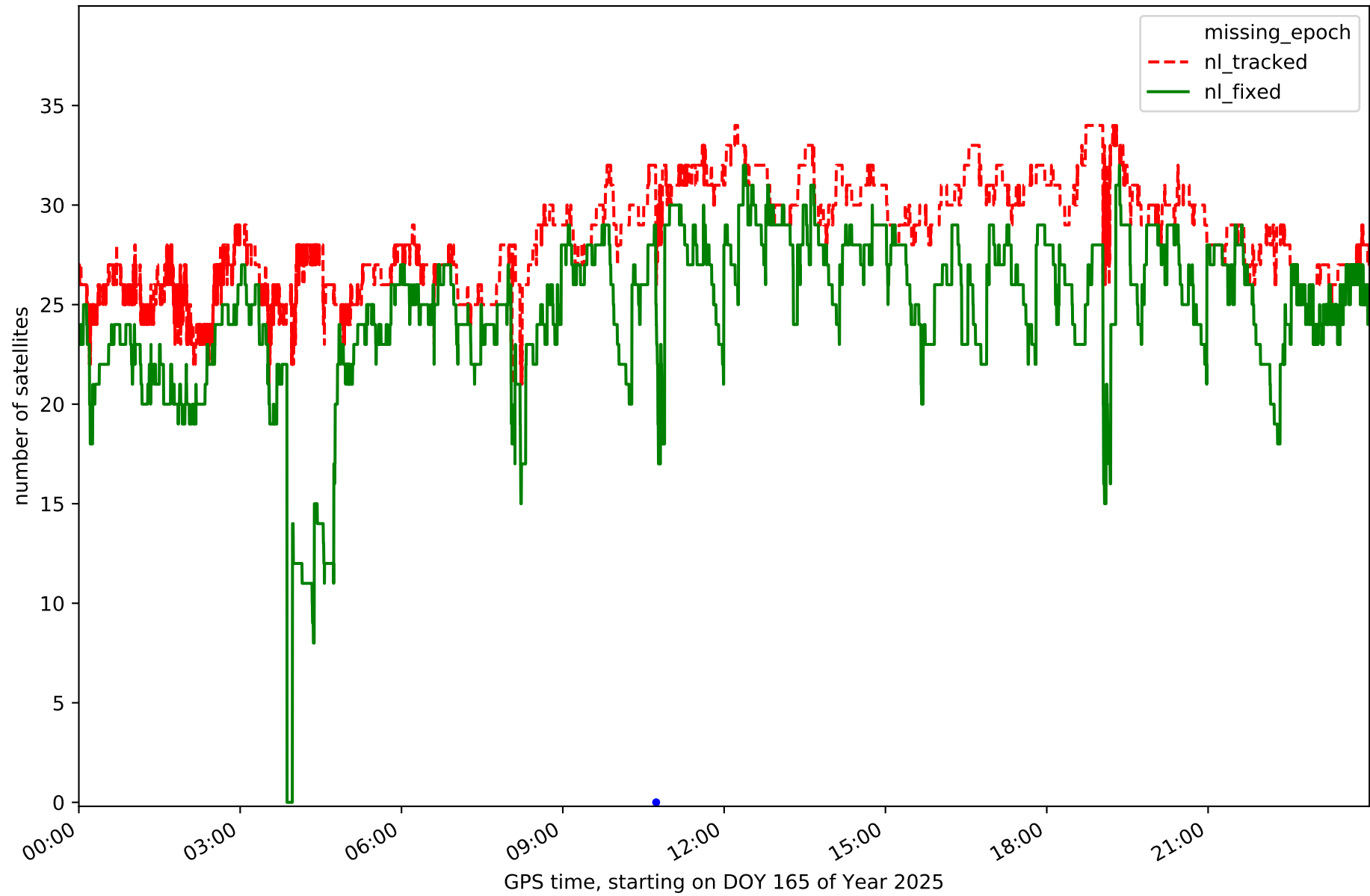




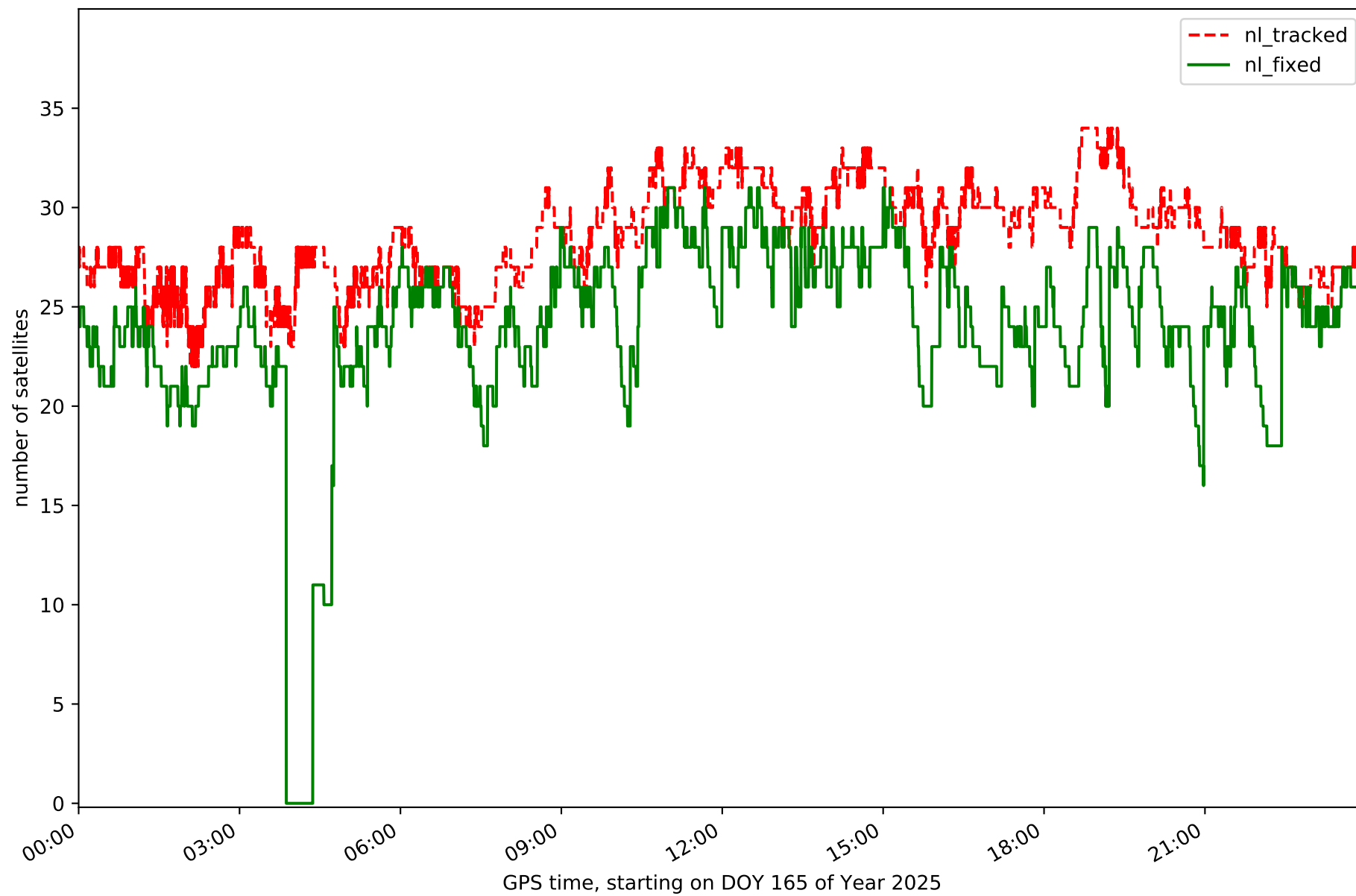
Network NT13 - only Galileo with threshold set to 0.3



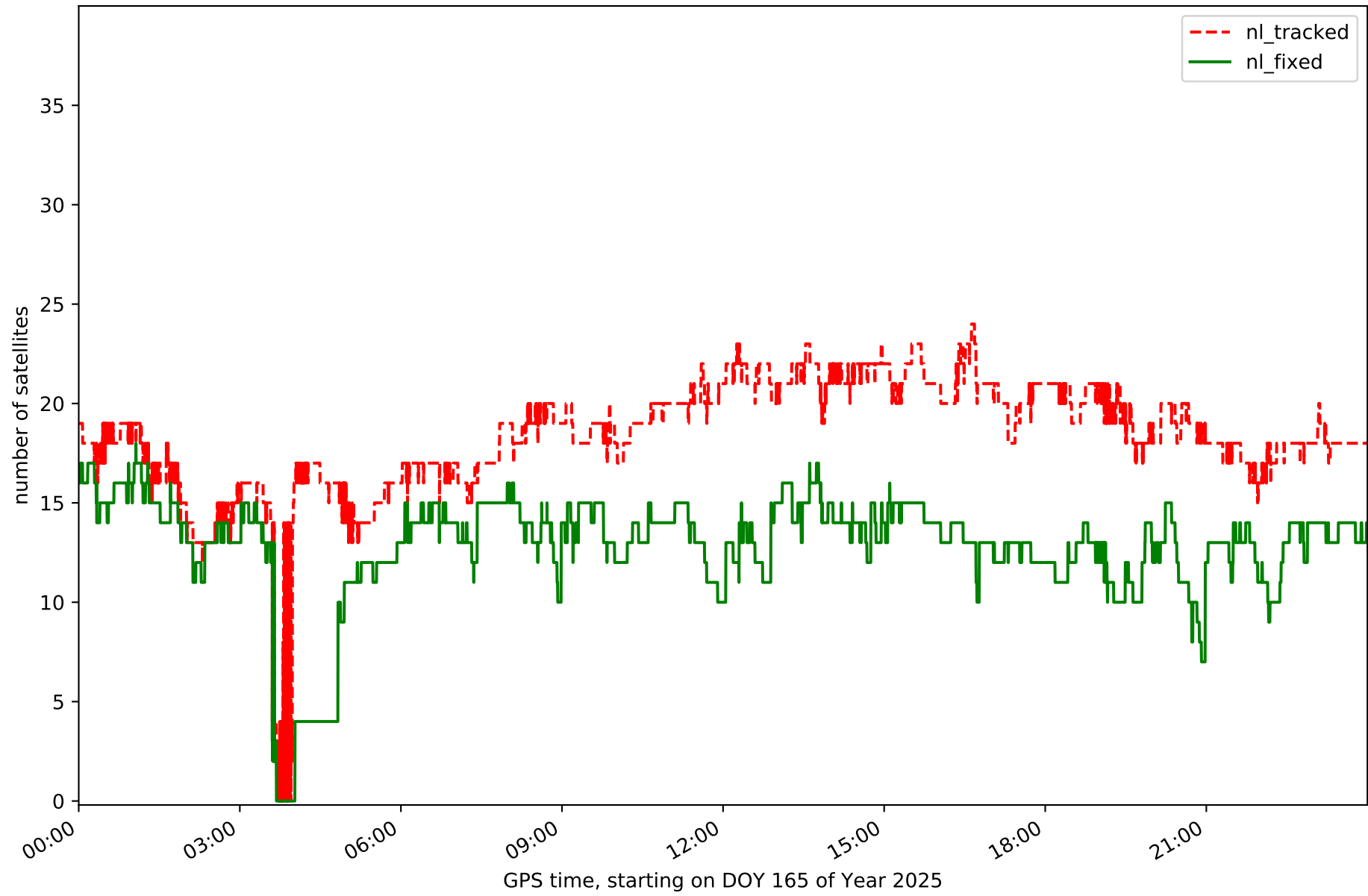
Station ALGC in network NT13



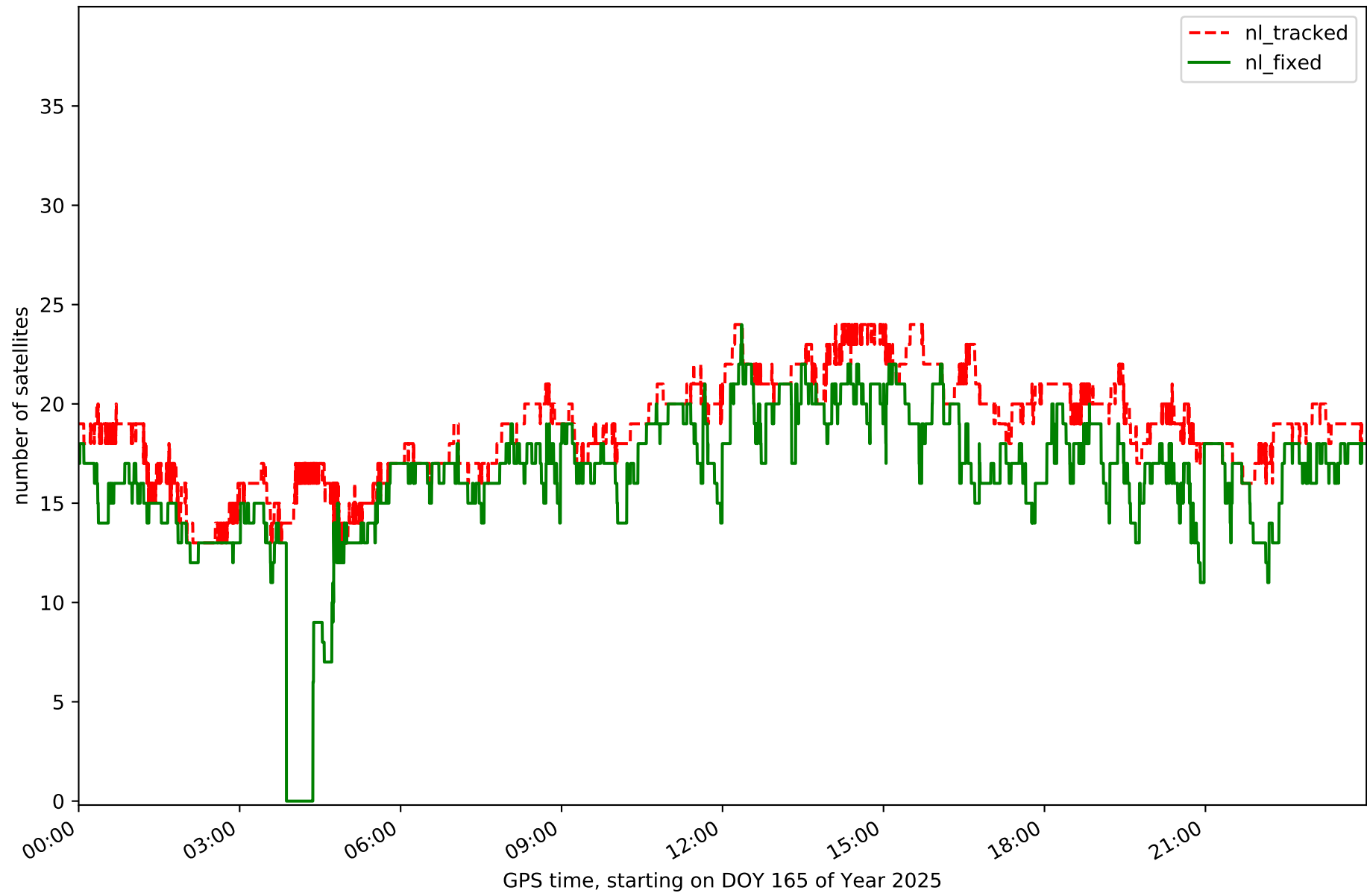
Station AND2 in network NT13



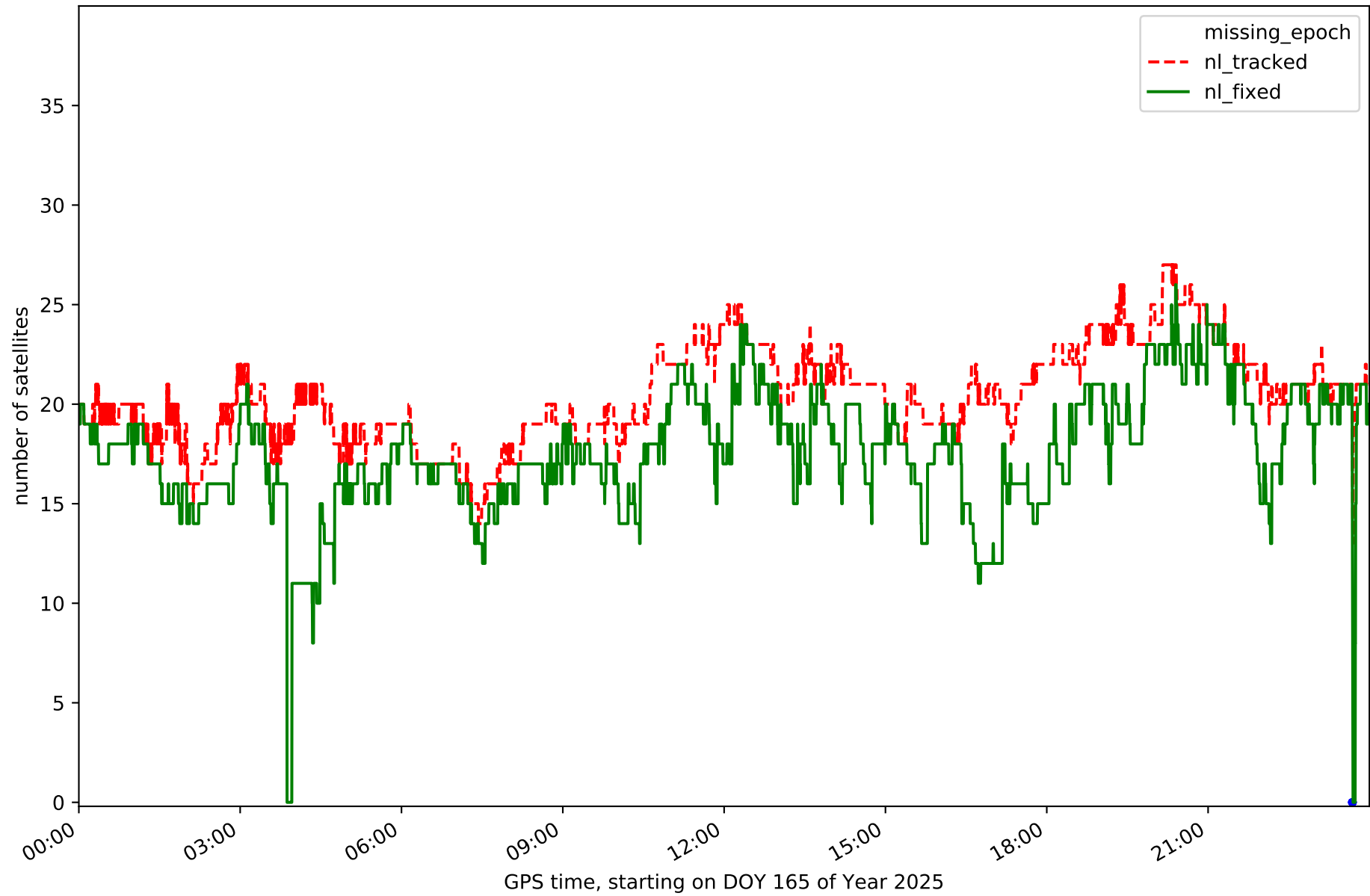
Station ARAC in network NT13



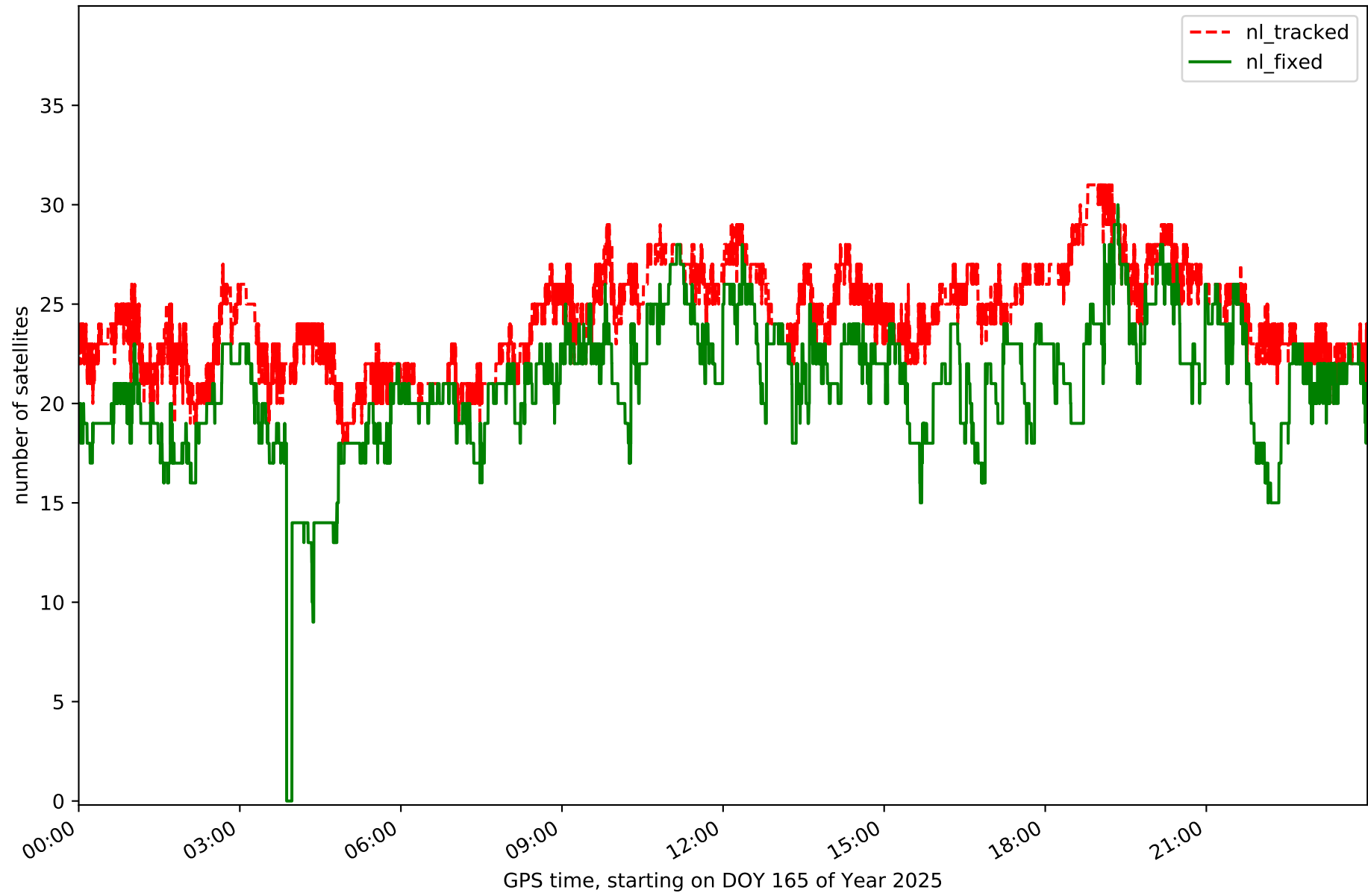
Station CABR in network NT13



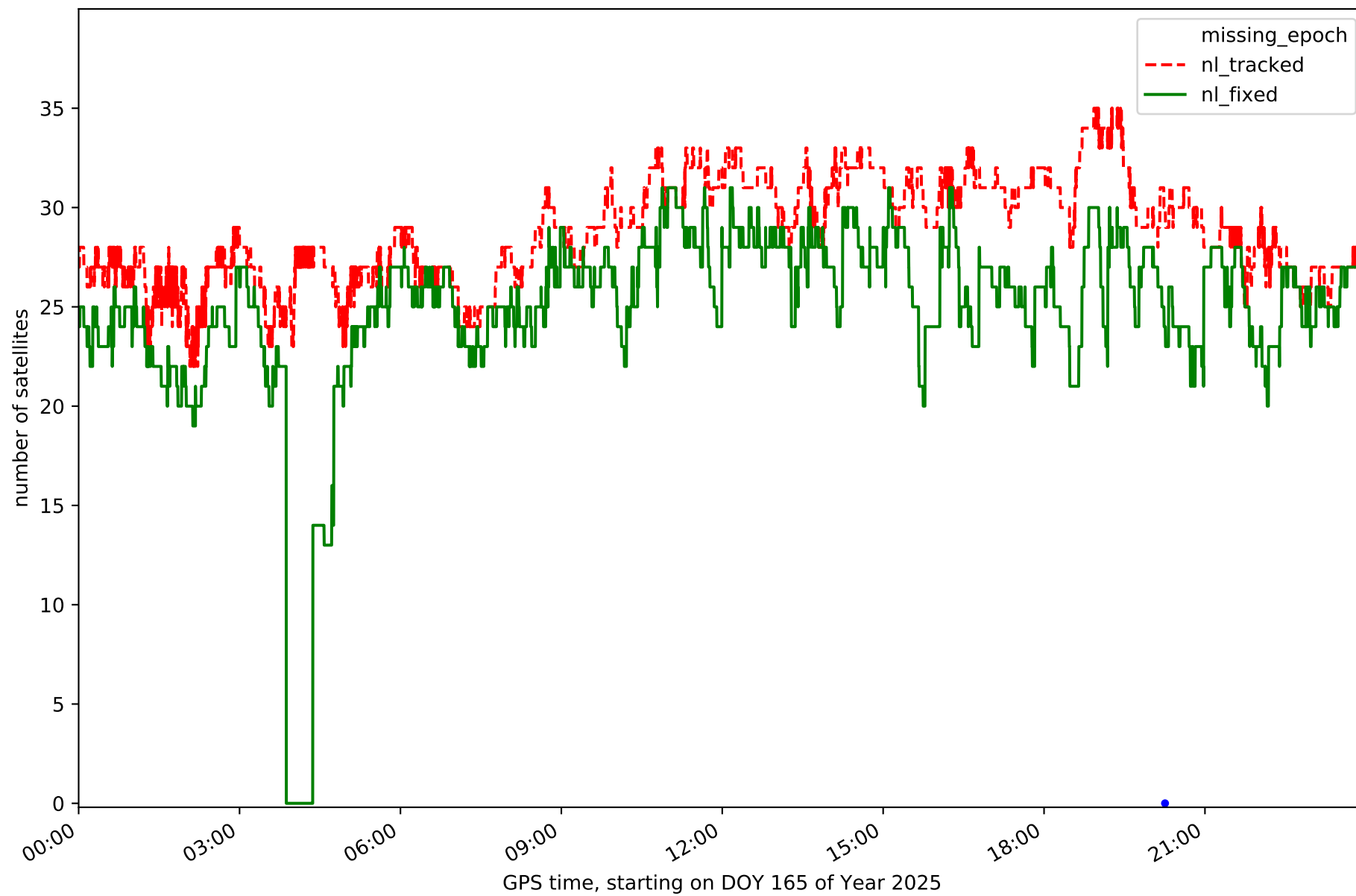
Station CAZA in network NT13



Station CEU1 in network NT13

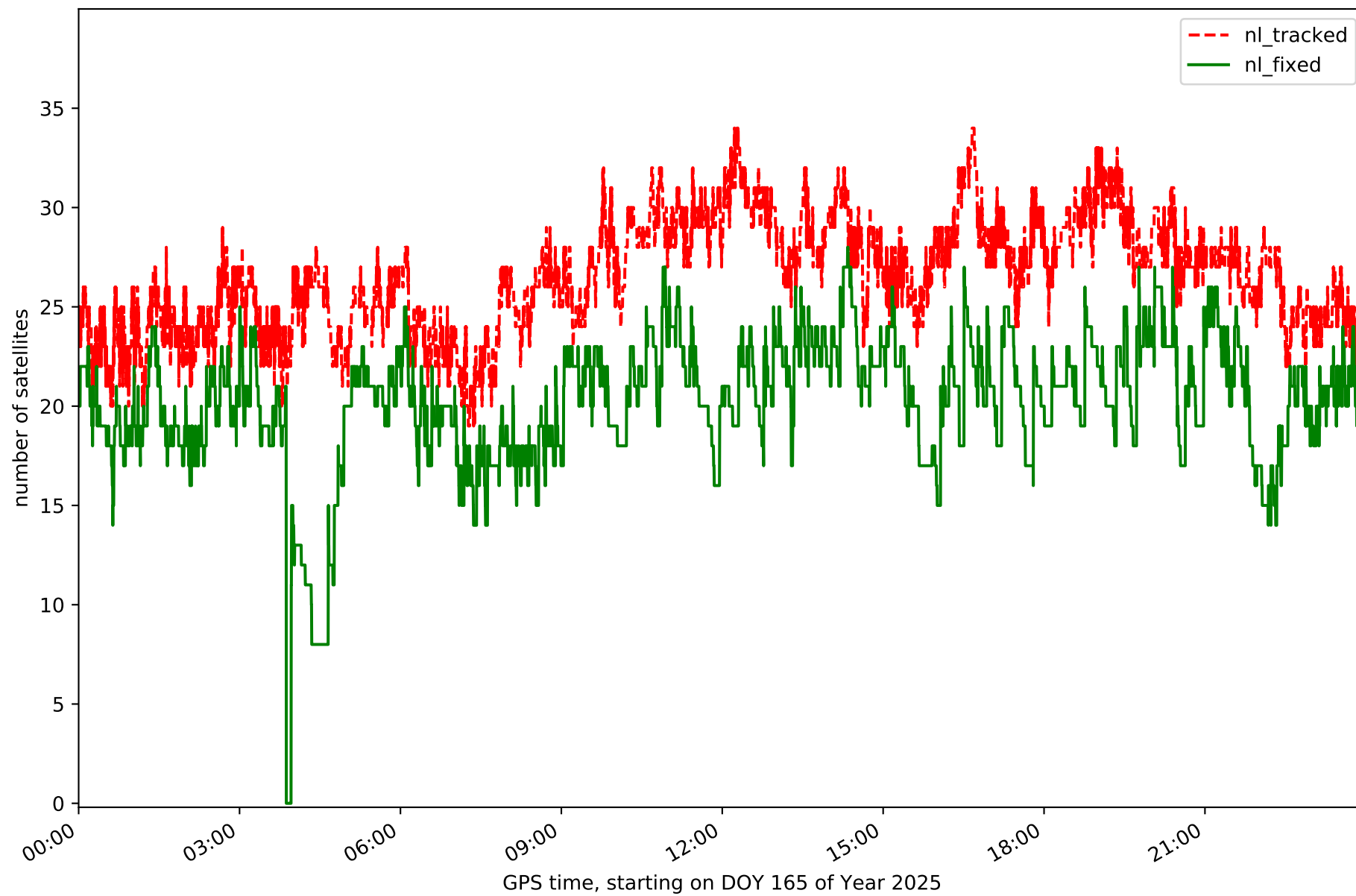


Station CRDB in network NT13

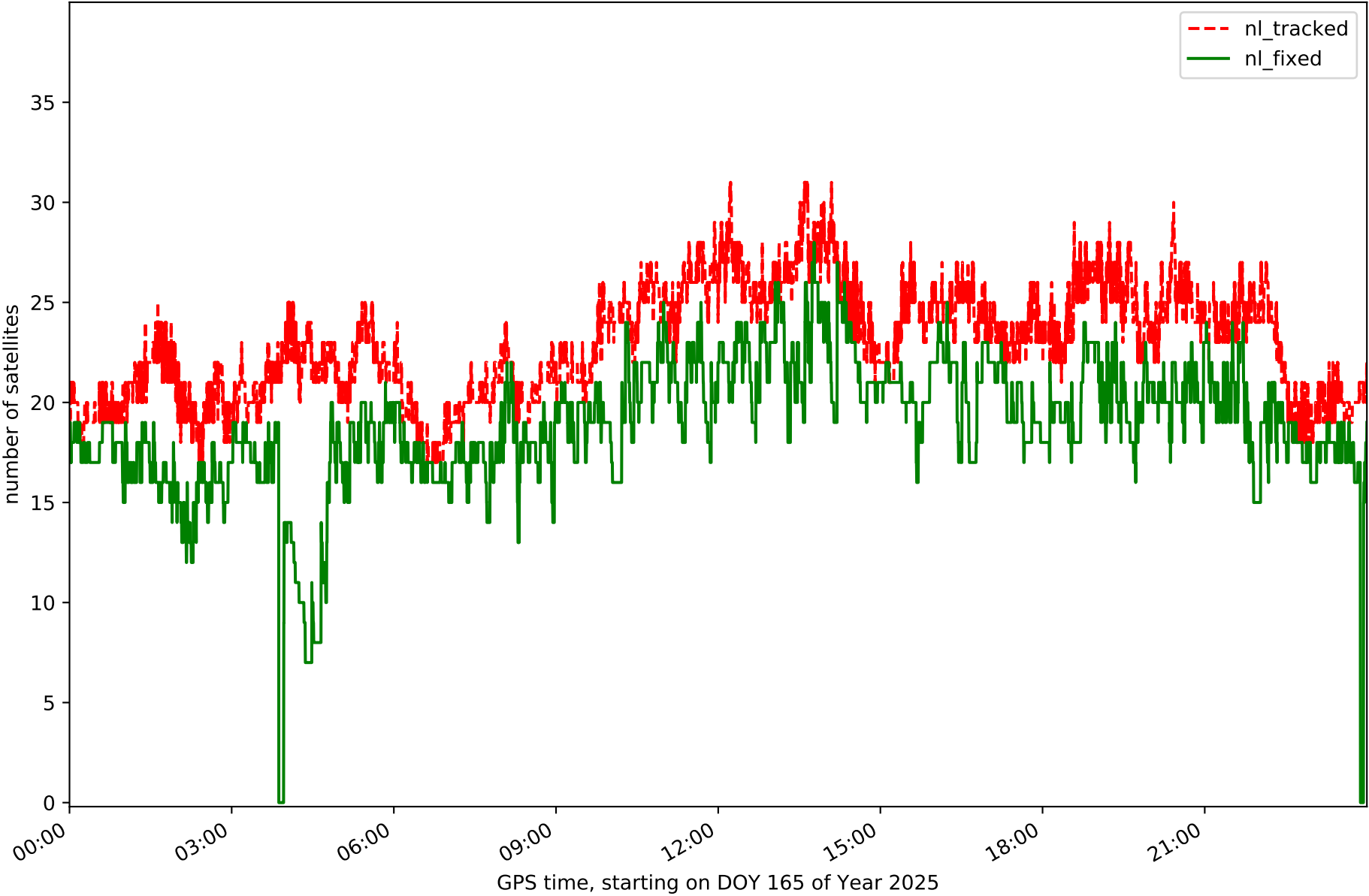




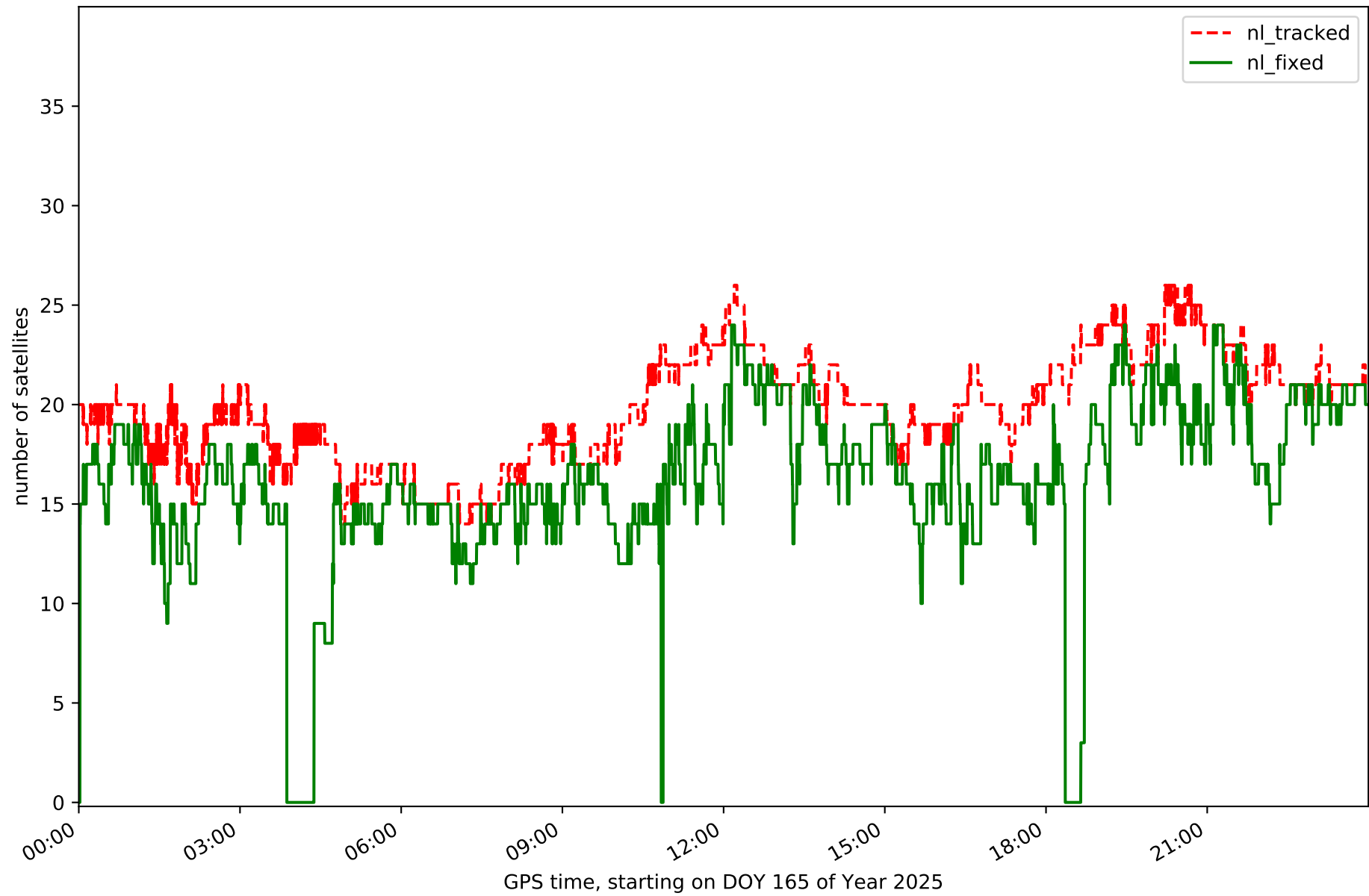
Station HUEL in network NT13



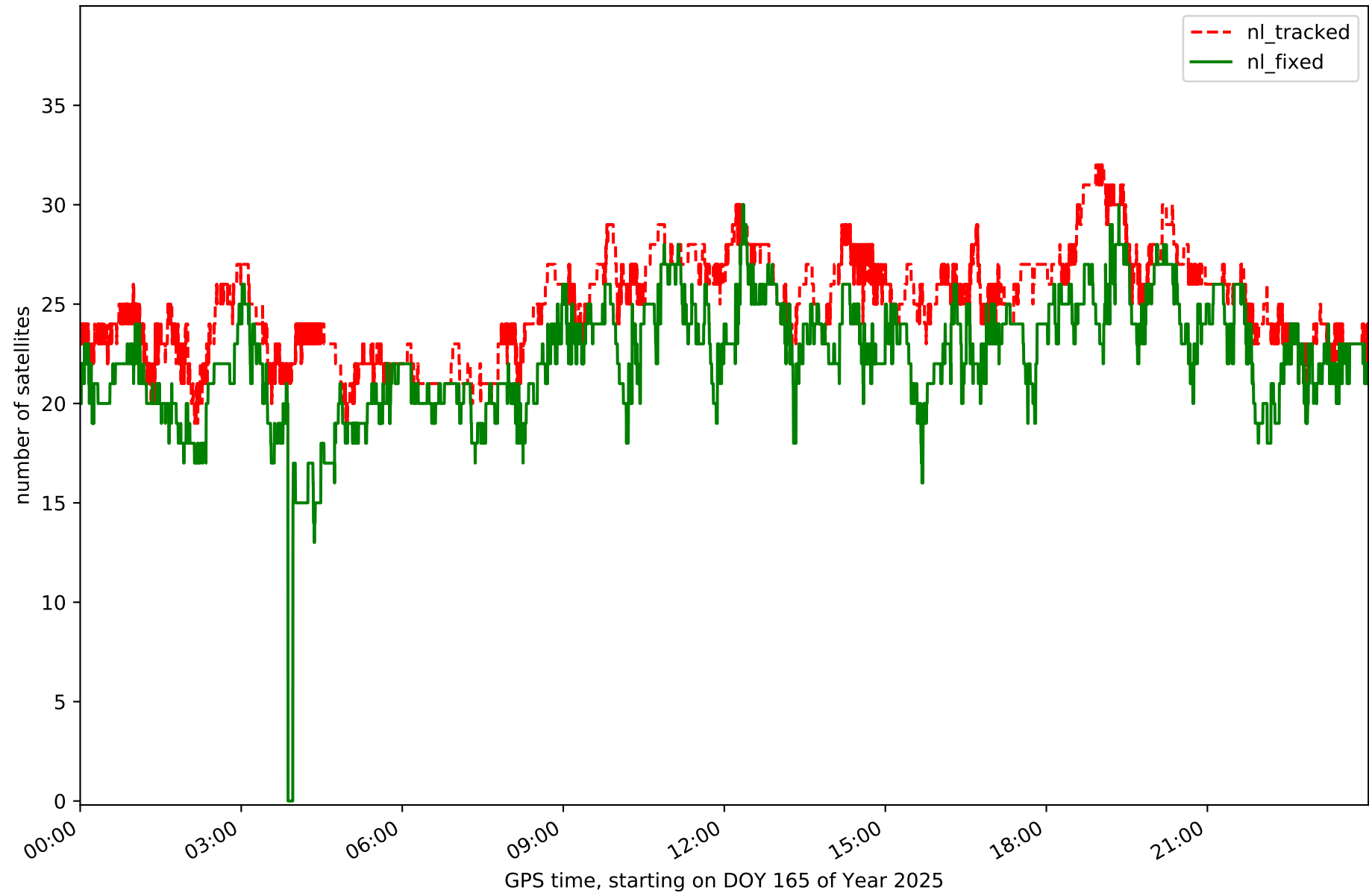
Station LEBR in network NT13



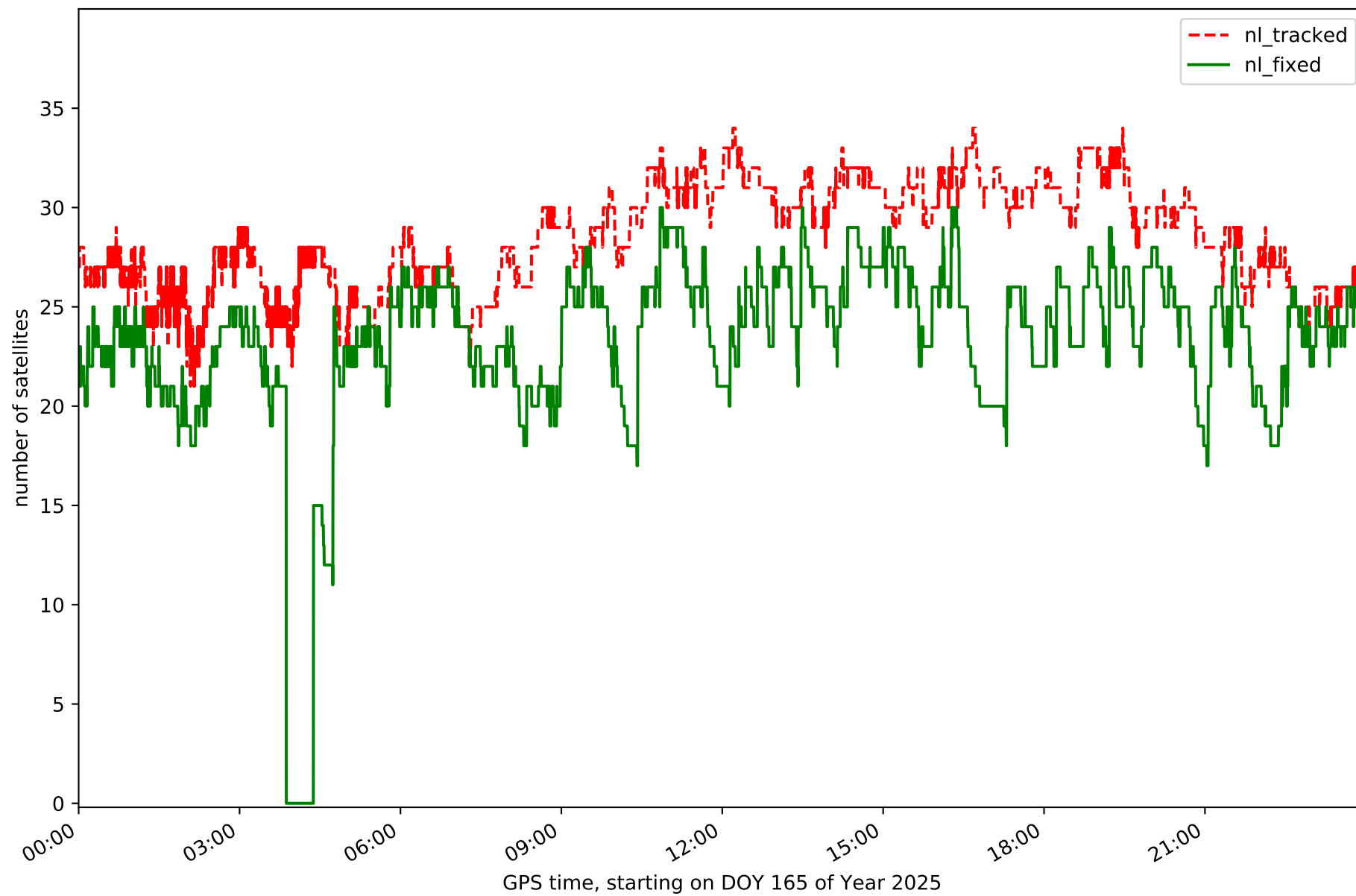
Station MALA in network NT13



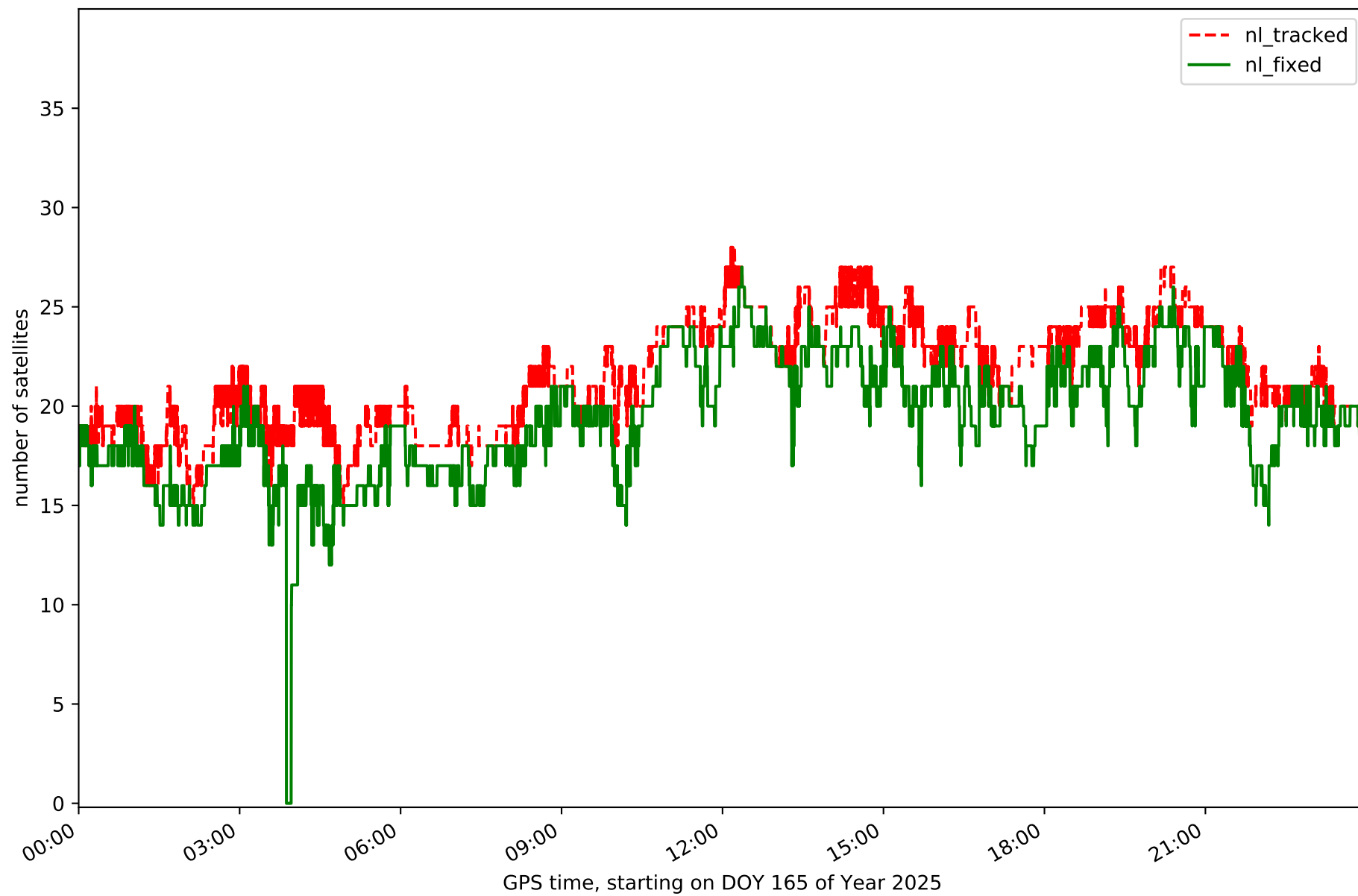
Station MOFR in network NT13



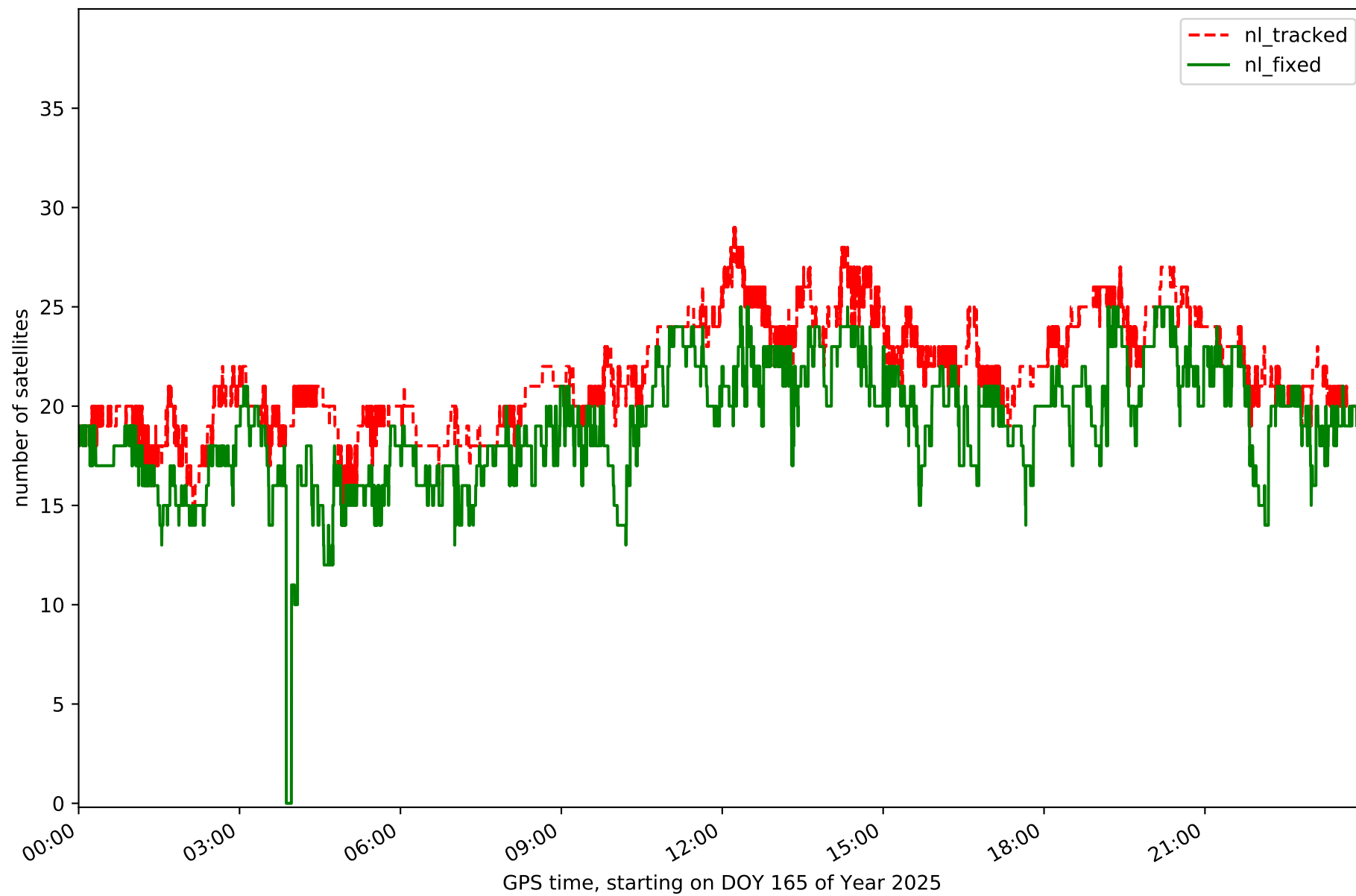
Station MOTR in network NT13



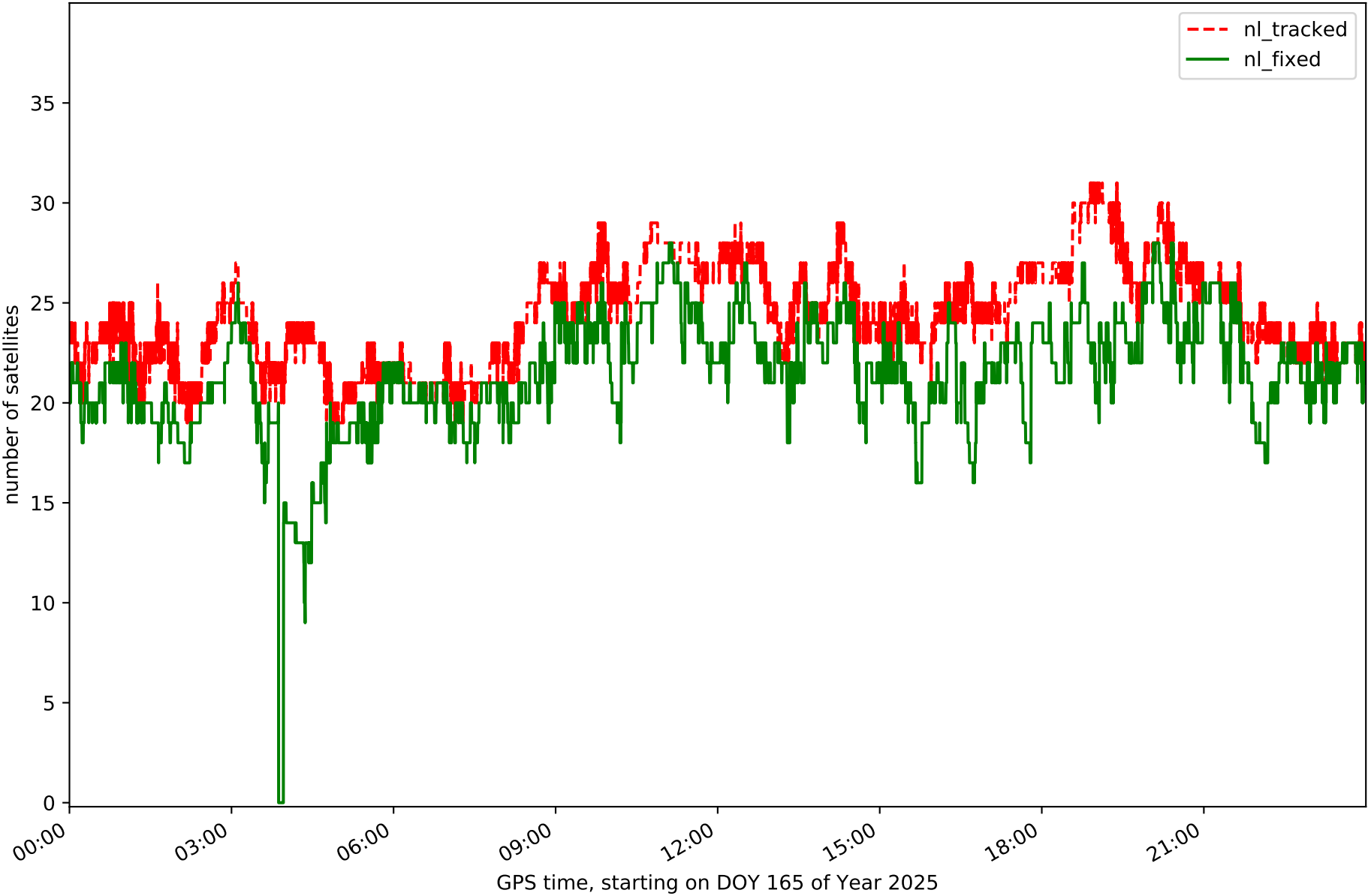
Station OSUN in network NT13



Station RON1 in network NT13

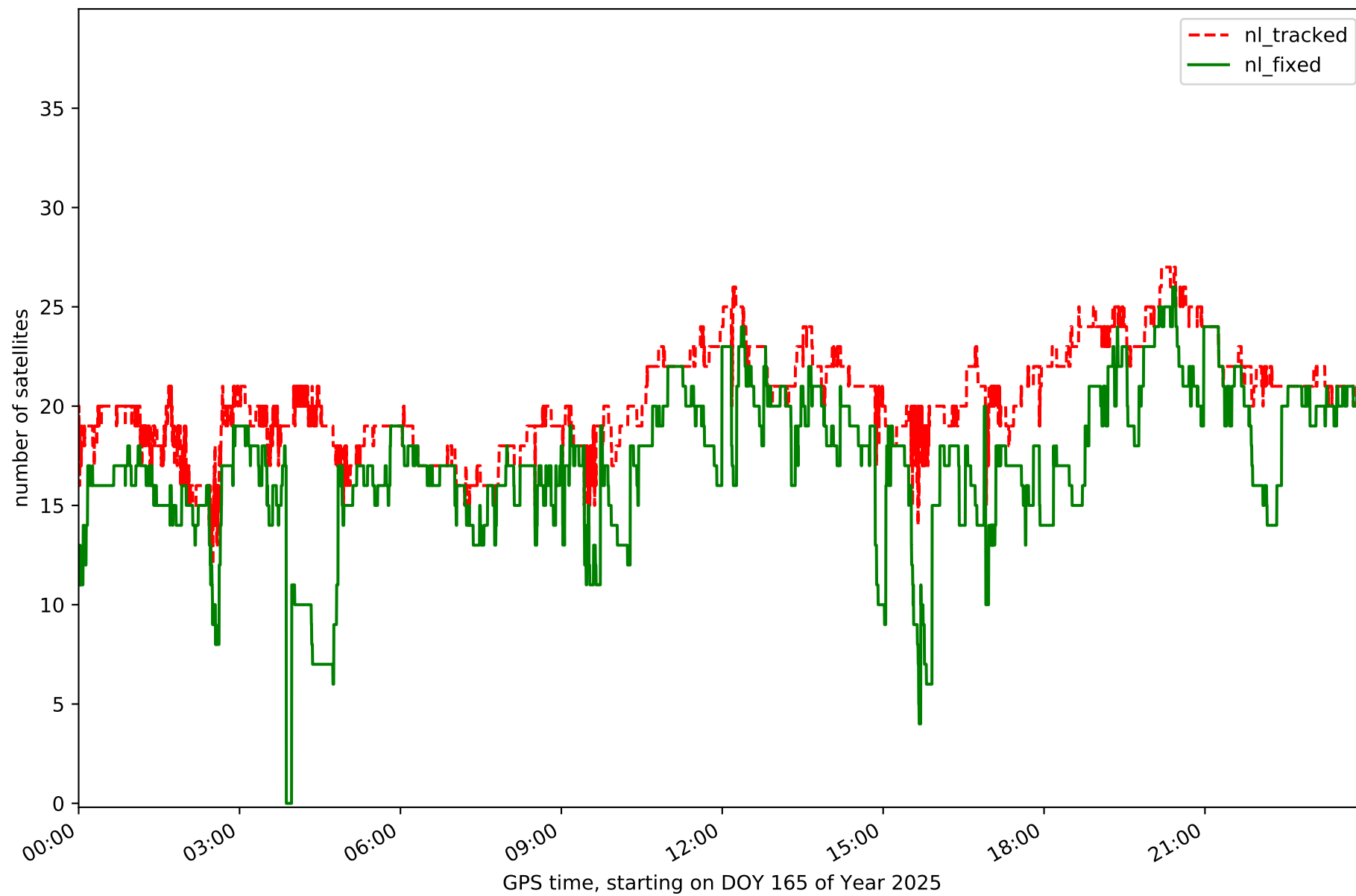


Station SEV1 in network NT13

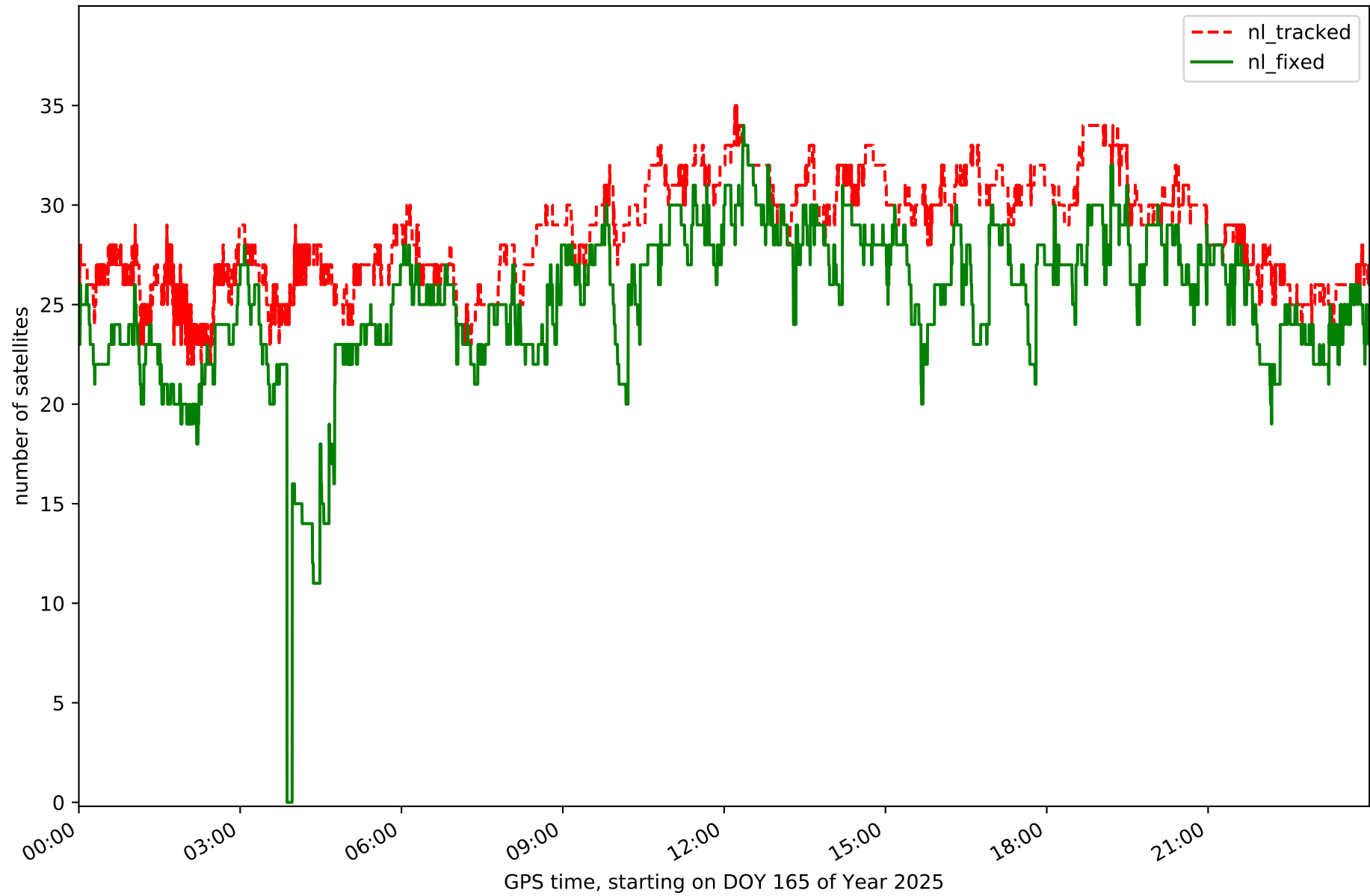




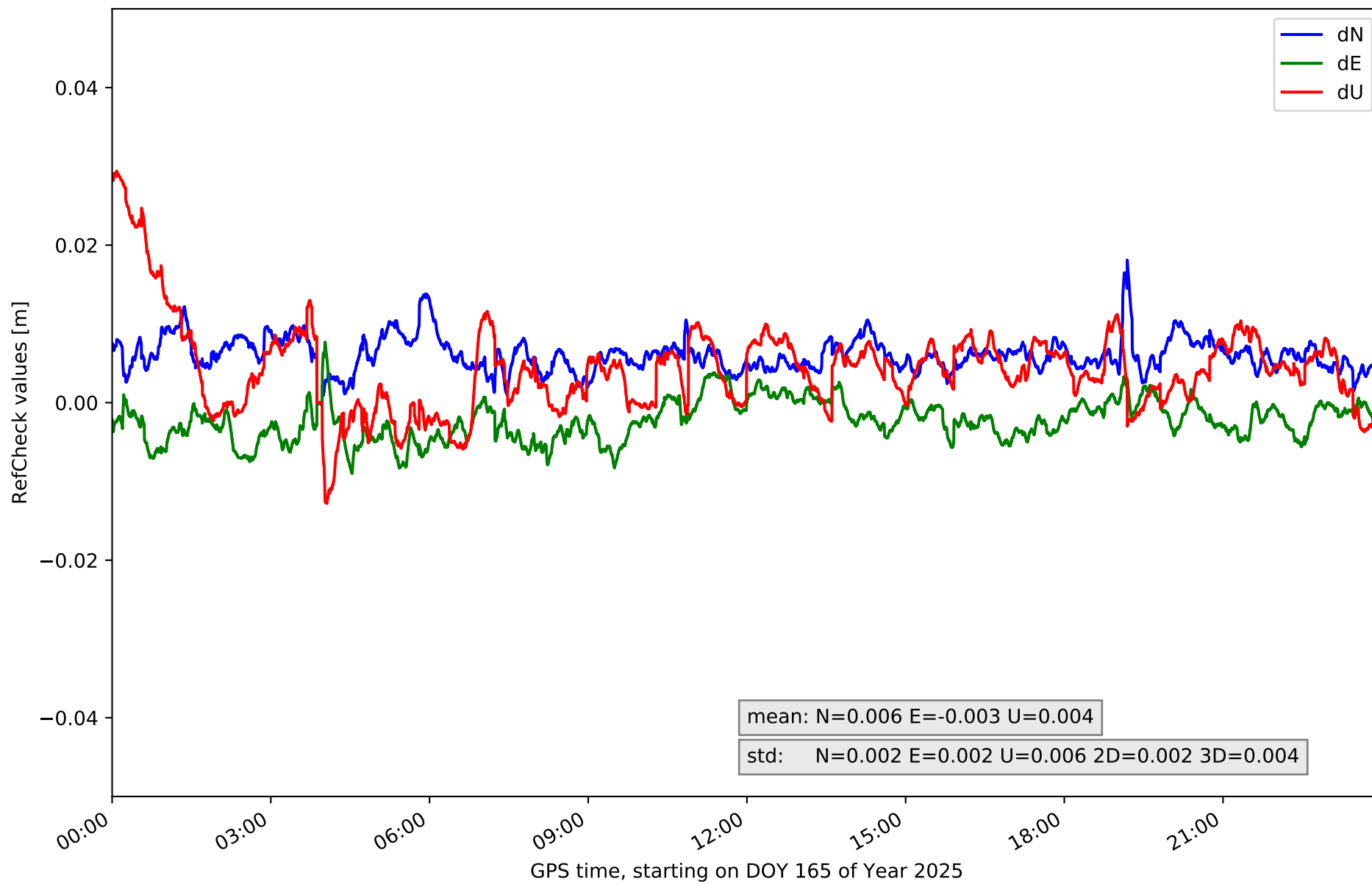
Station TAR0 in network NT13



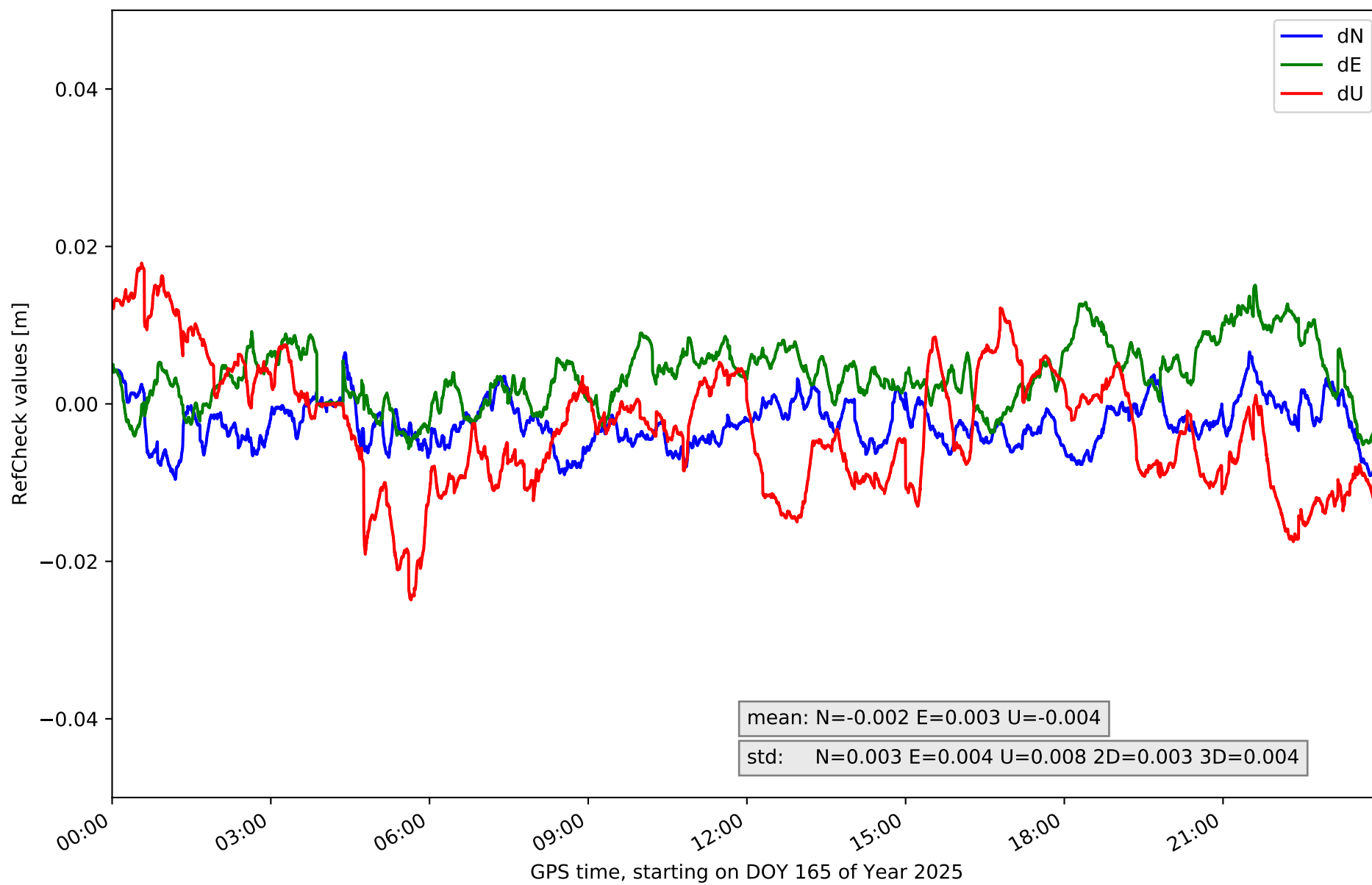
Station UCA1 in network NT13



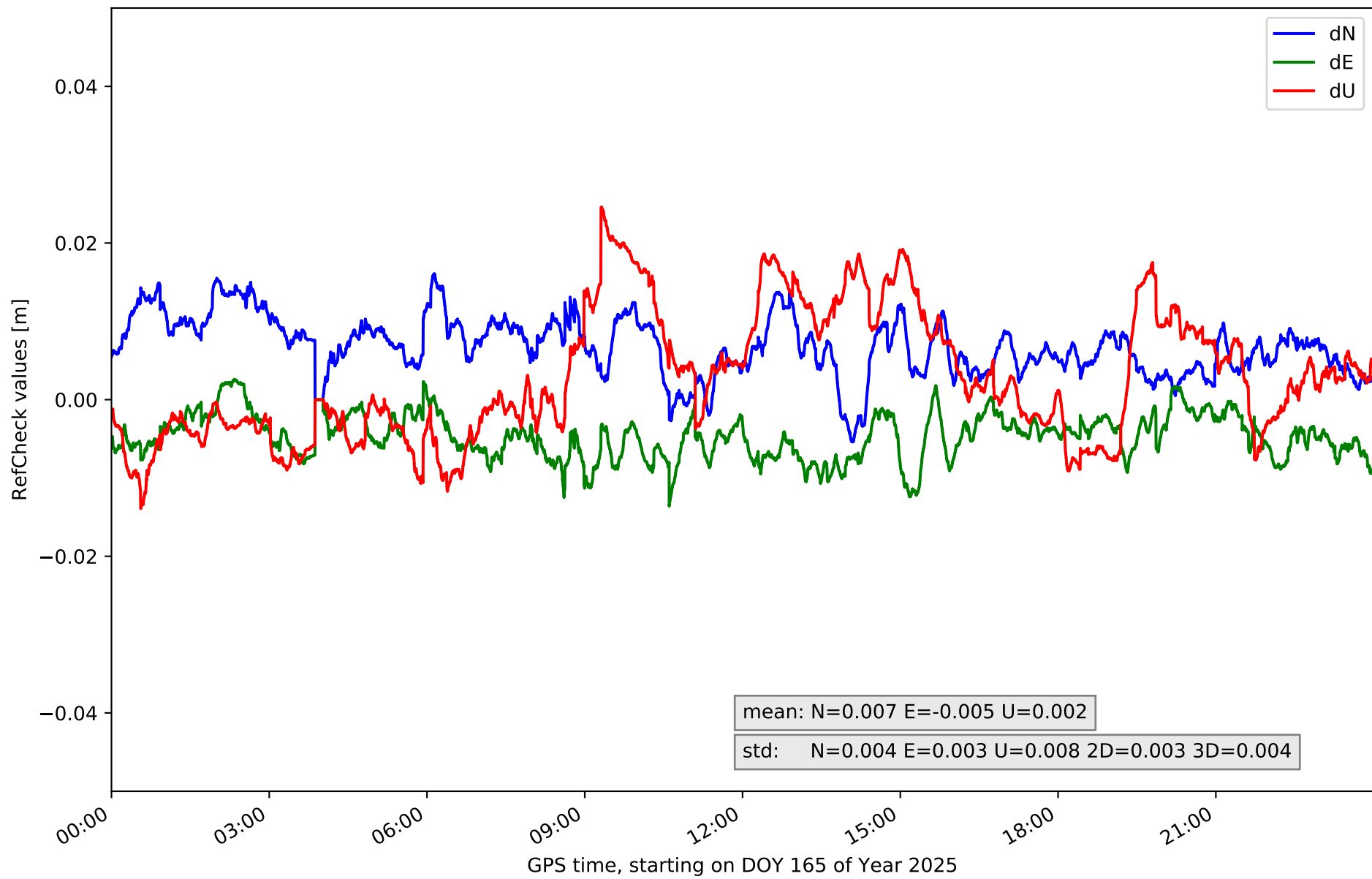
RefCheck for station ALGC in network NT13



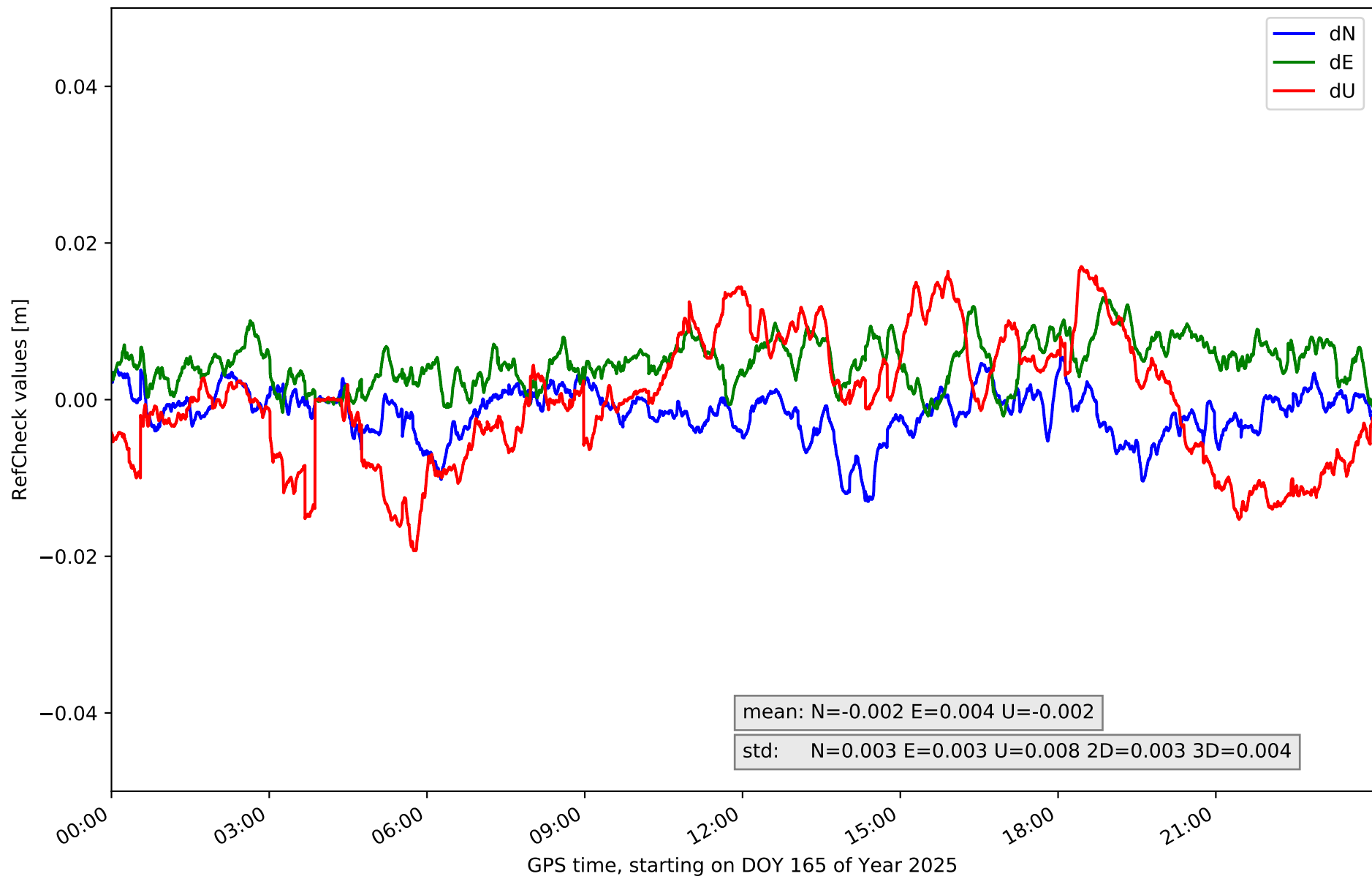
RefCheck for station AND2 in network NT13



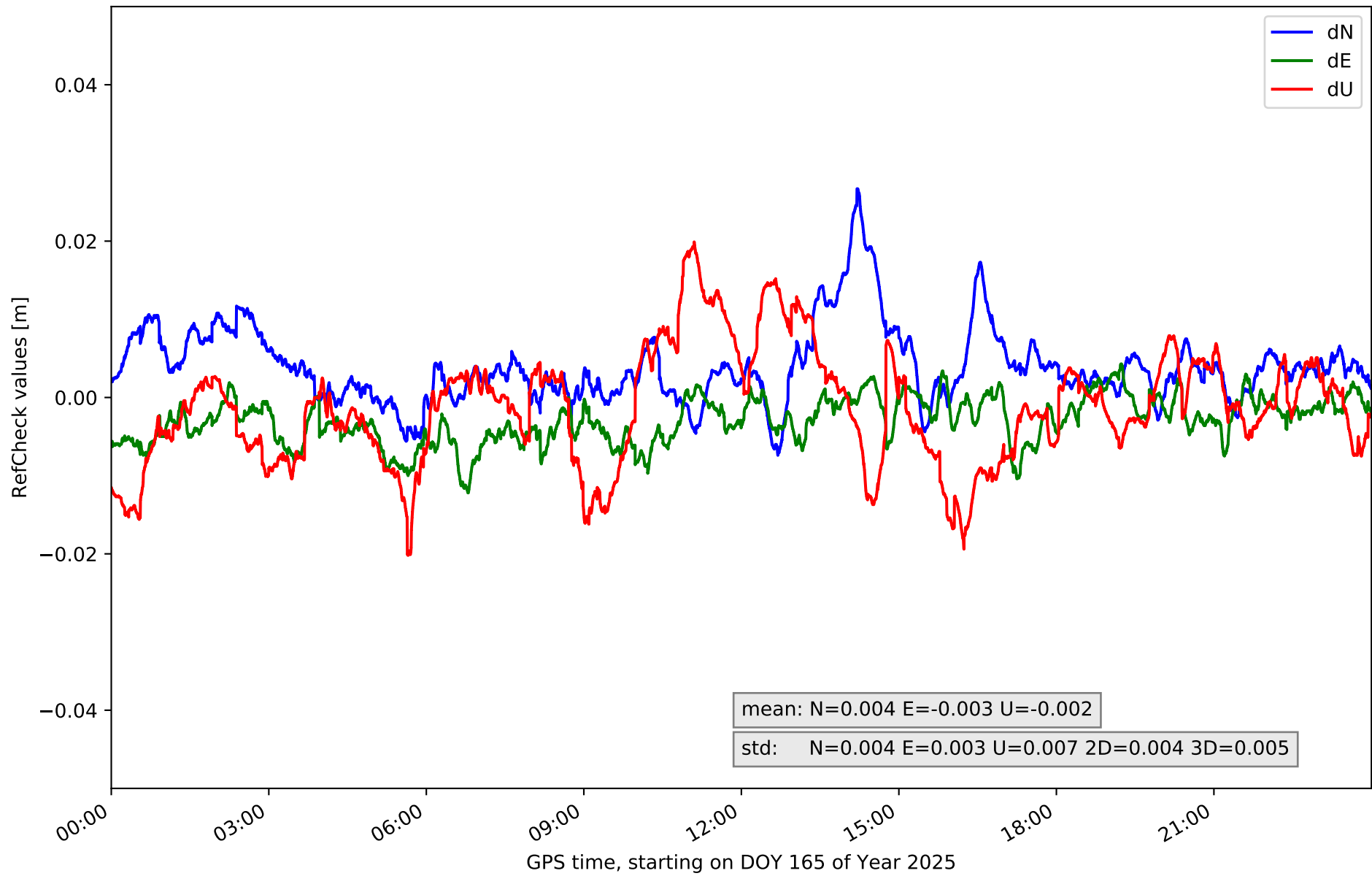
RefCheck for station ARAC in network NT13



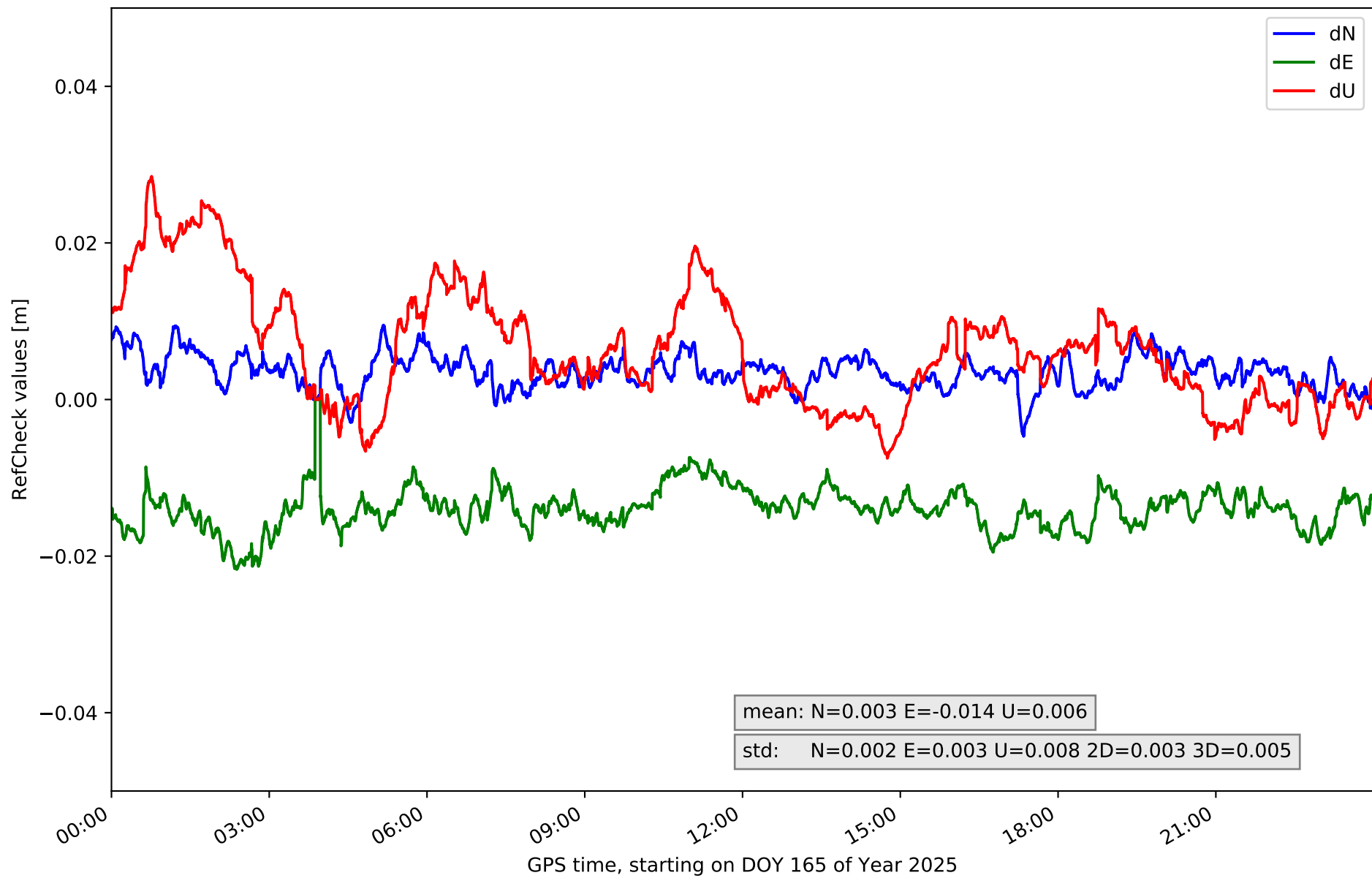
RefCheck for station CABR in network NT13



RefCheck for station CAZA in network NT13

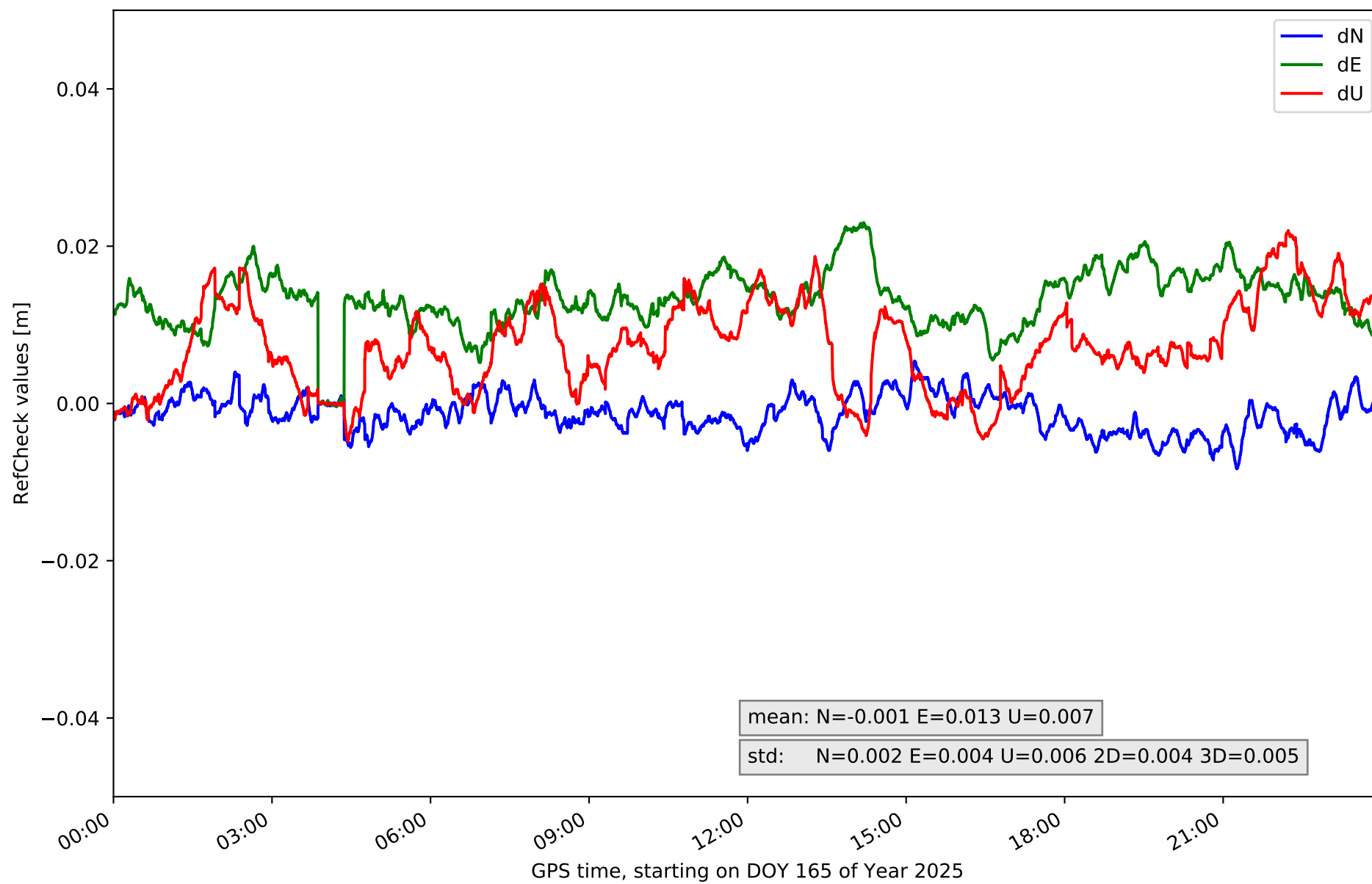


RefCheck for station CEU1 in network NT13

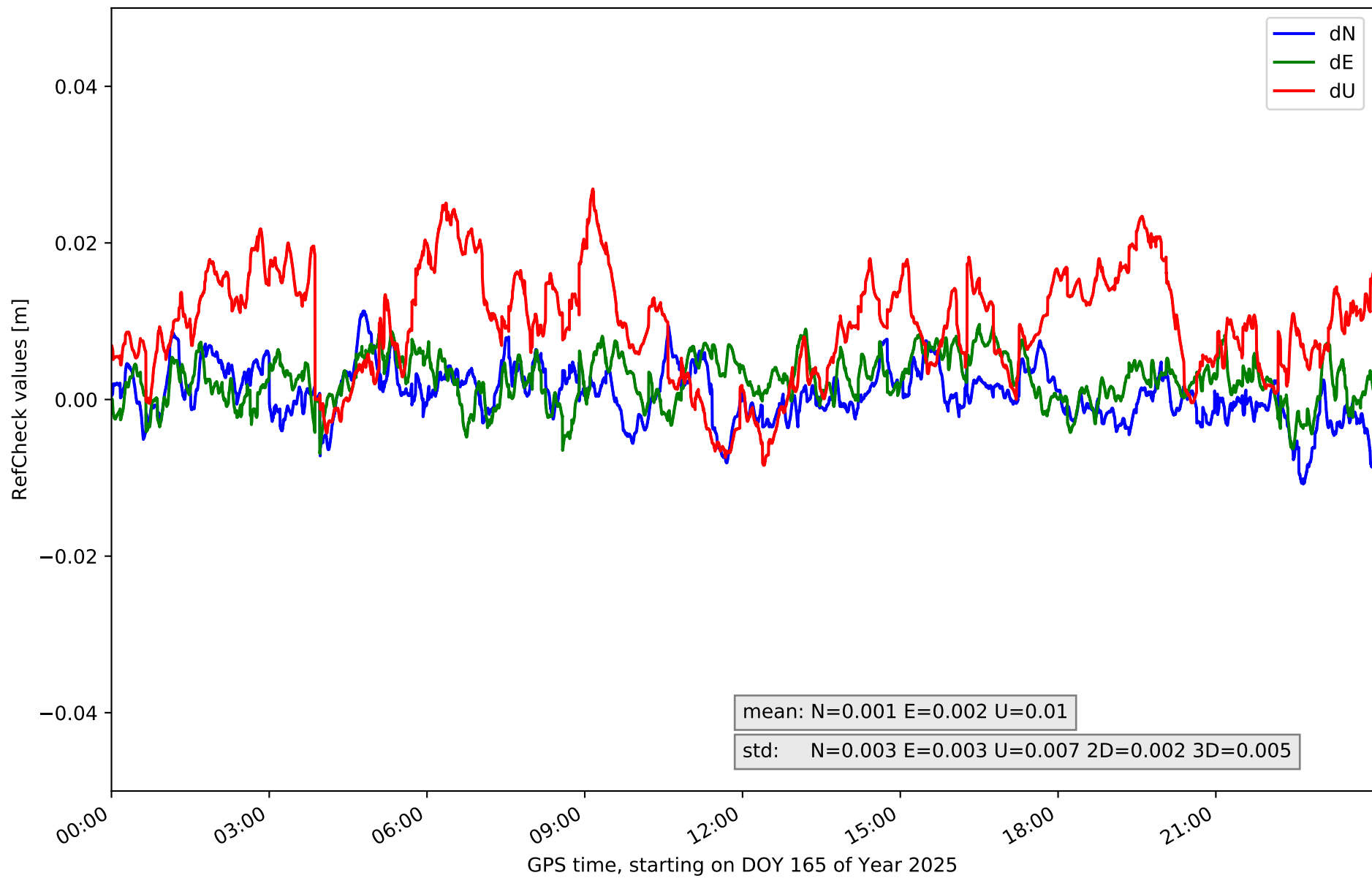




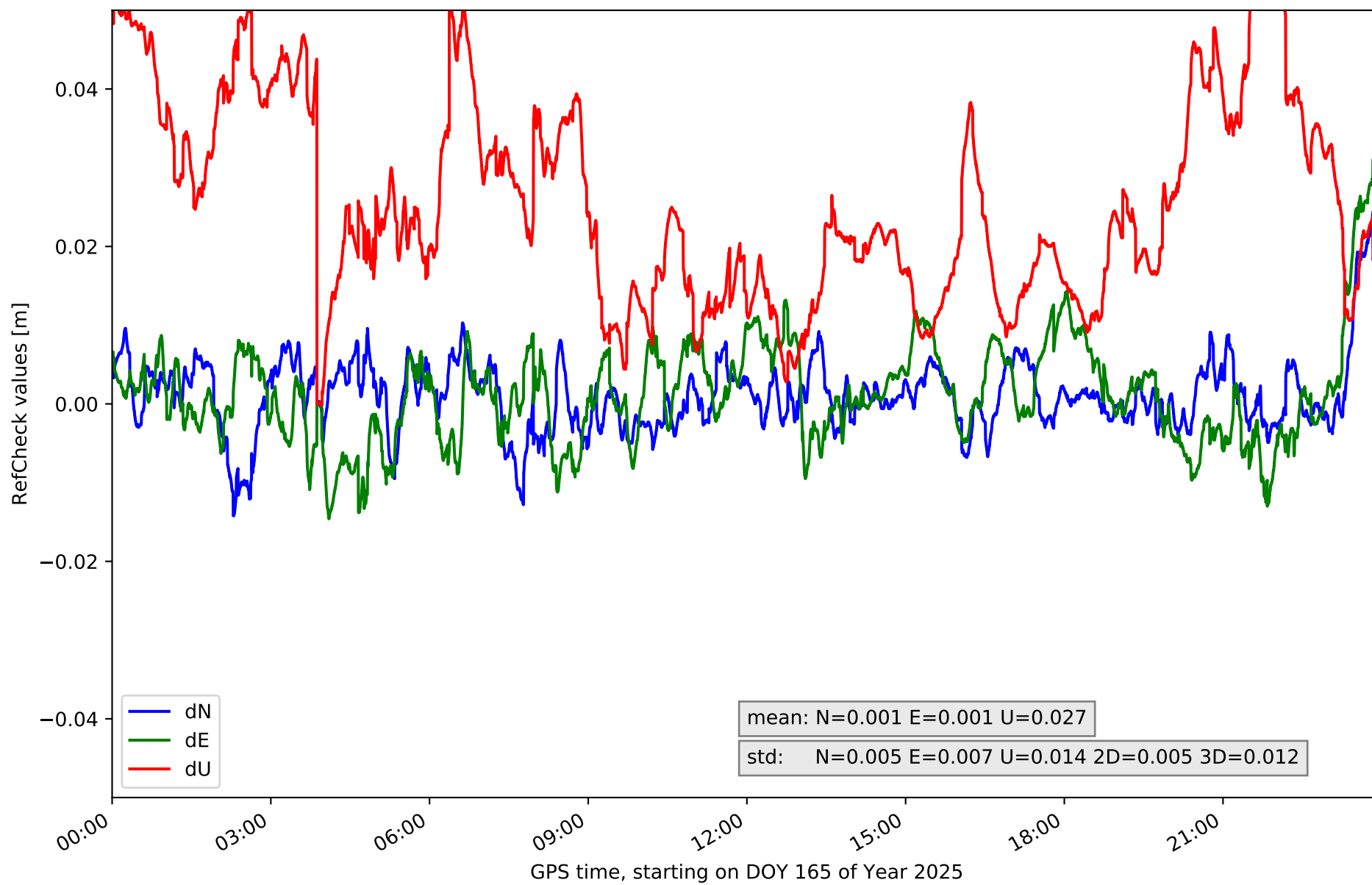
RefCheck for station CRDB in network NT13



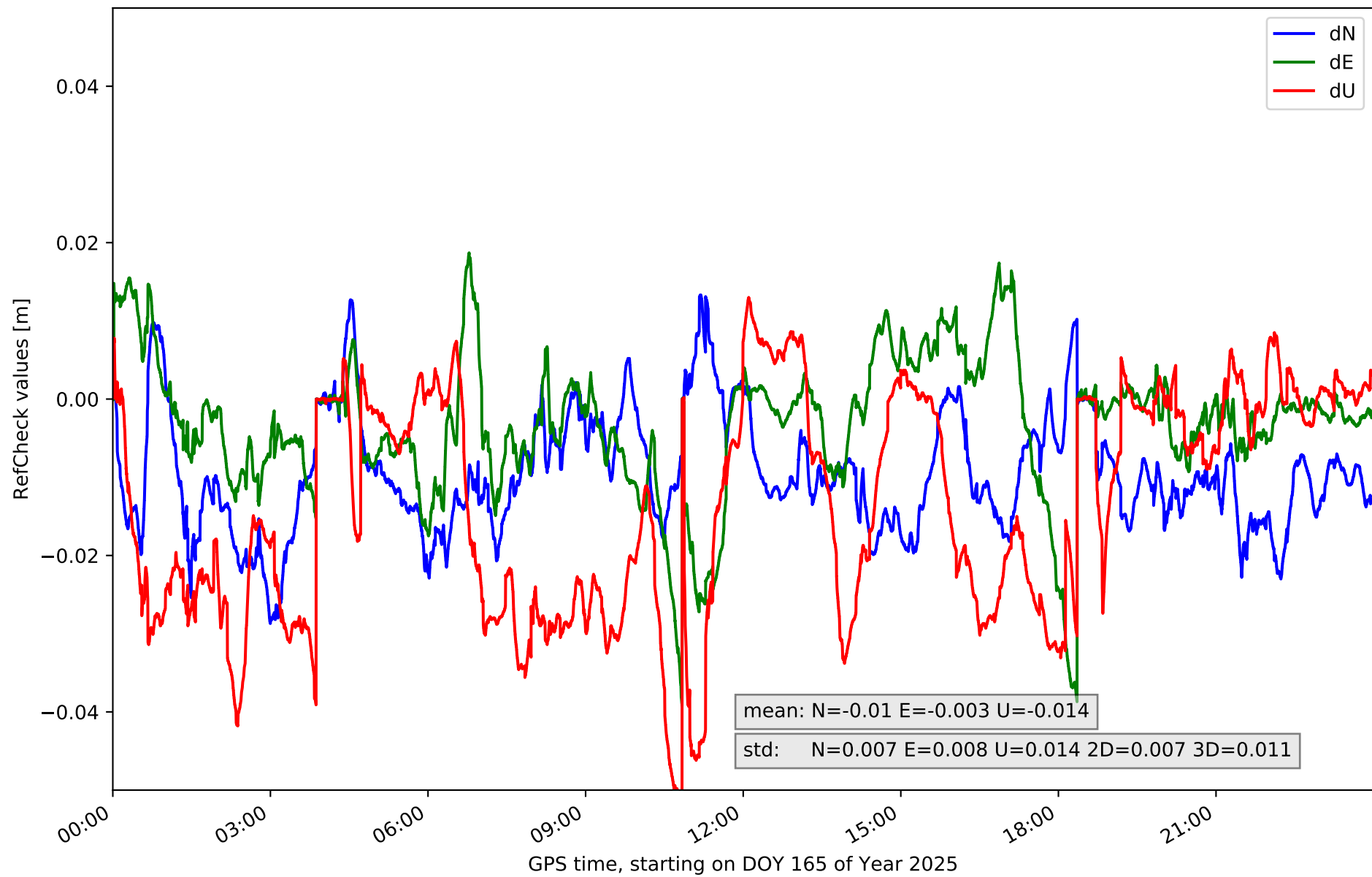
RefCheck for station HUEL in network NT13



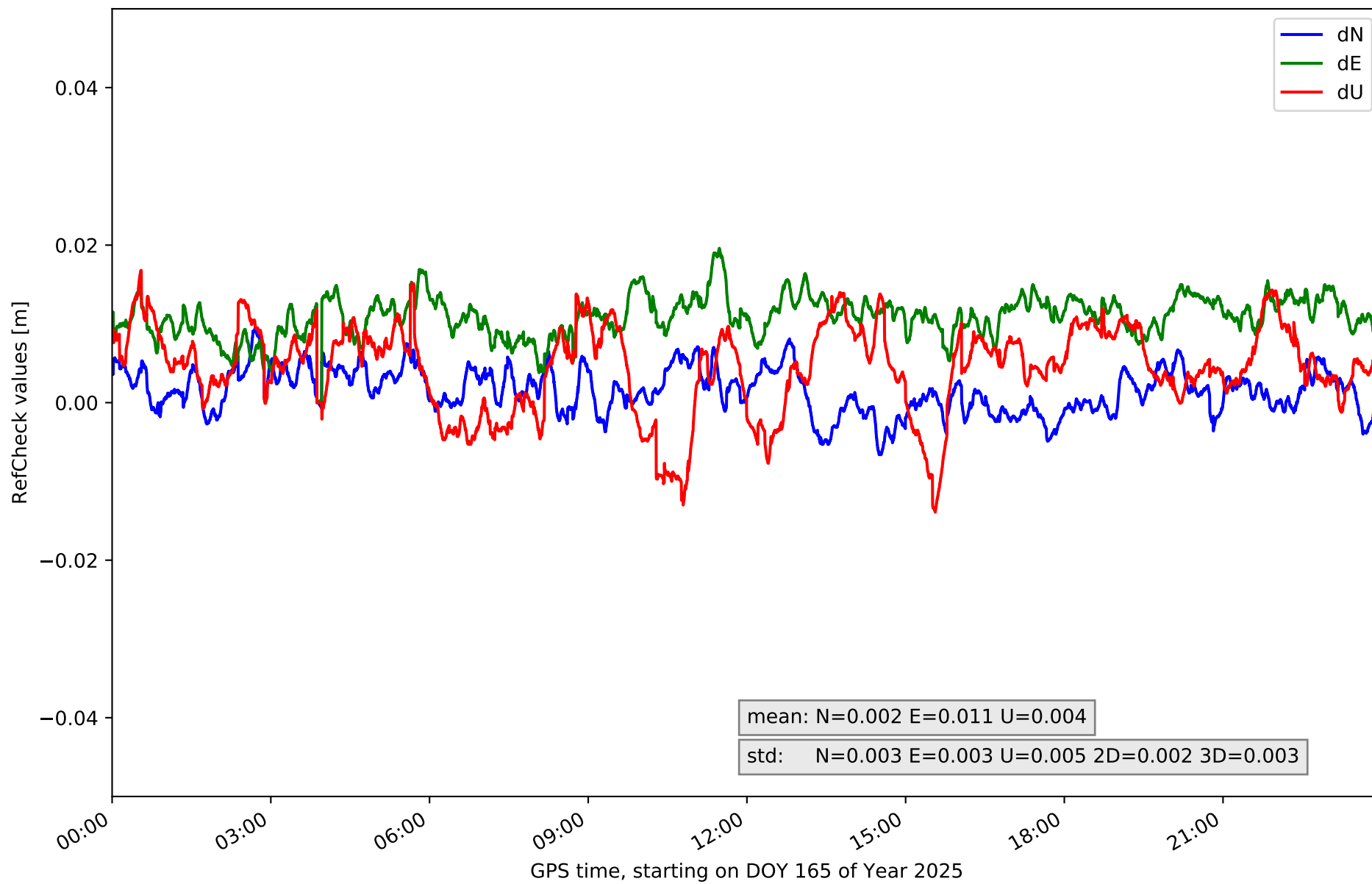
RefCheck for station LEBR in network NT13



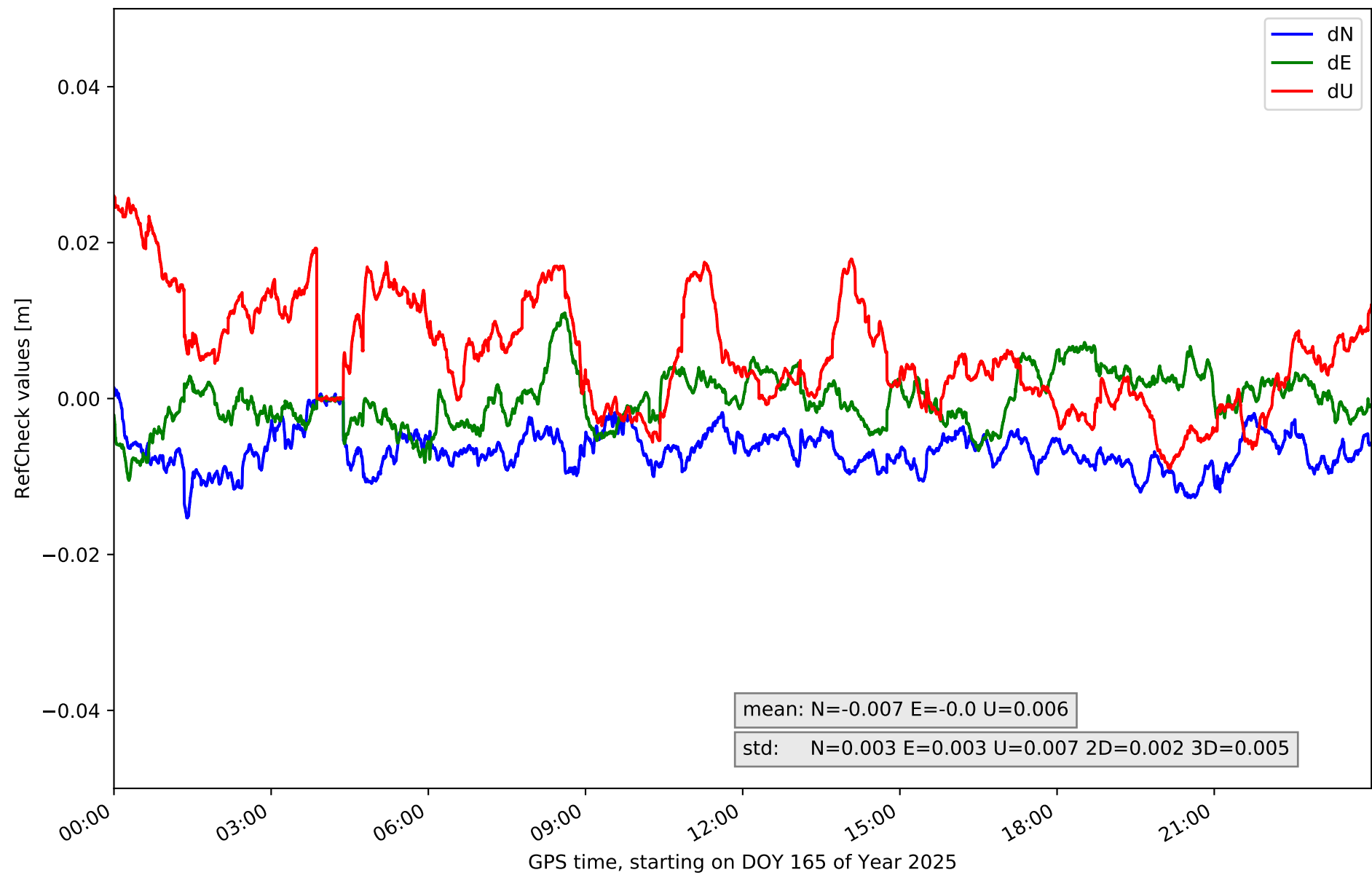
RefCheck for station MALA in network NT13



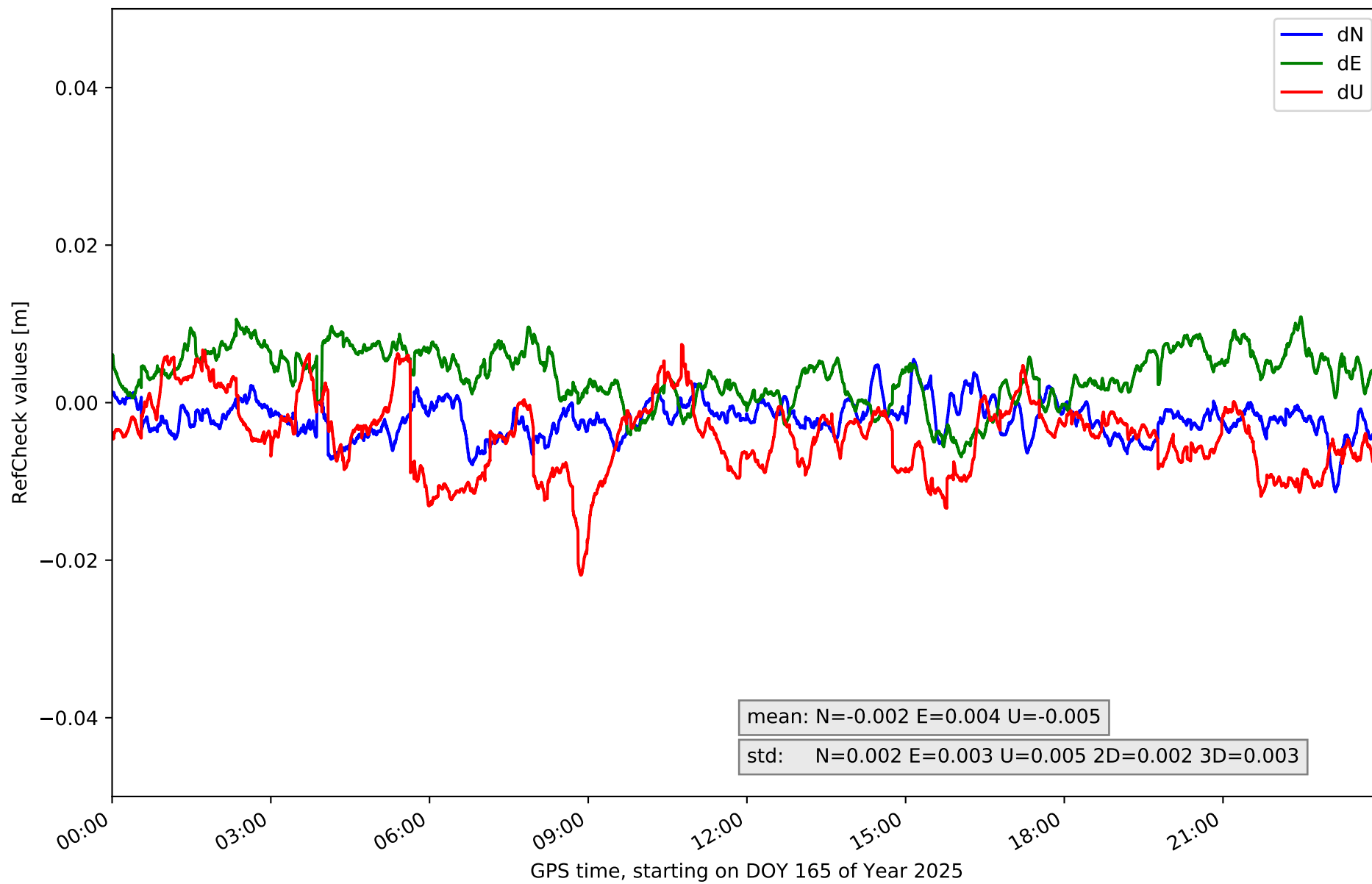
RefCheck for station MOFR in network NT13



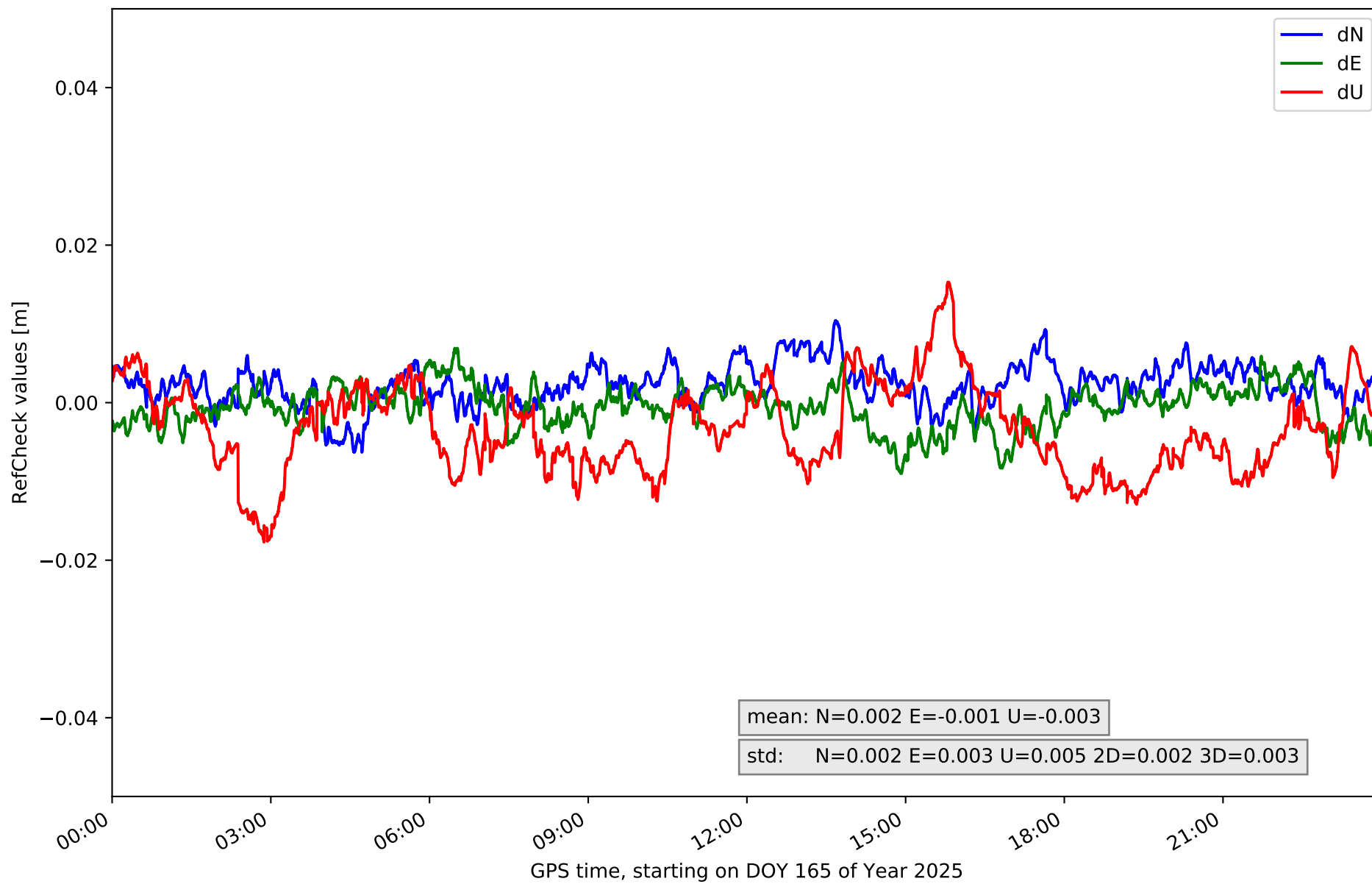
RefCheck for station MOTR in network NT13



# RefCheck for station OSUN in network NT13

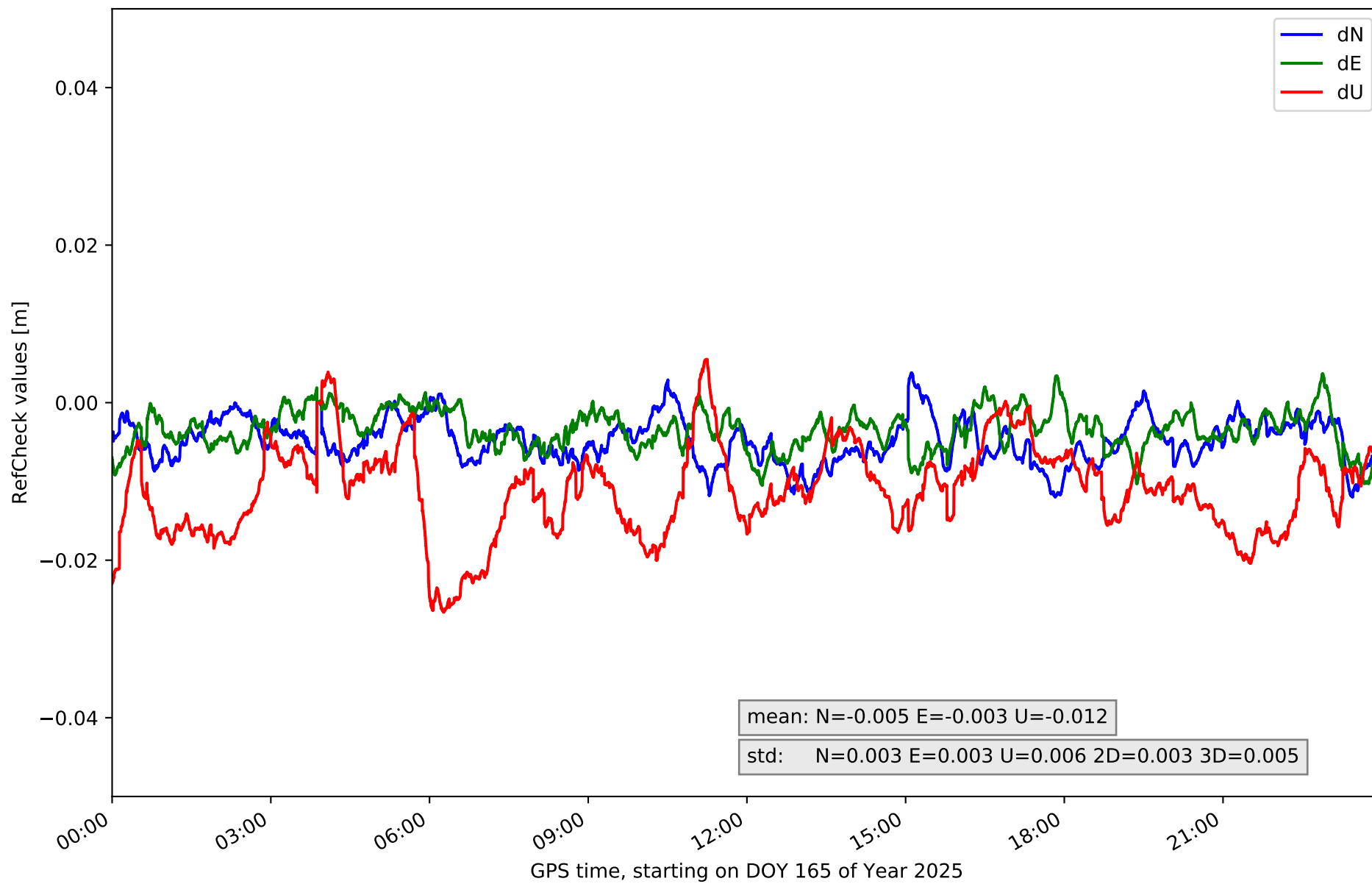


RefCheck for station RON1 in network NT13

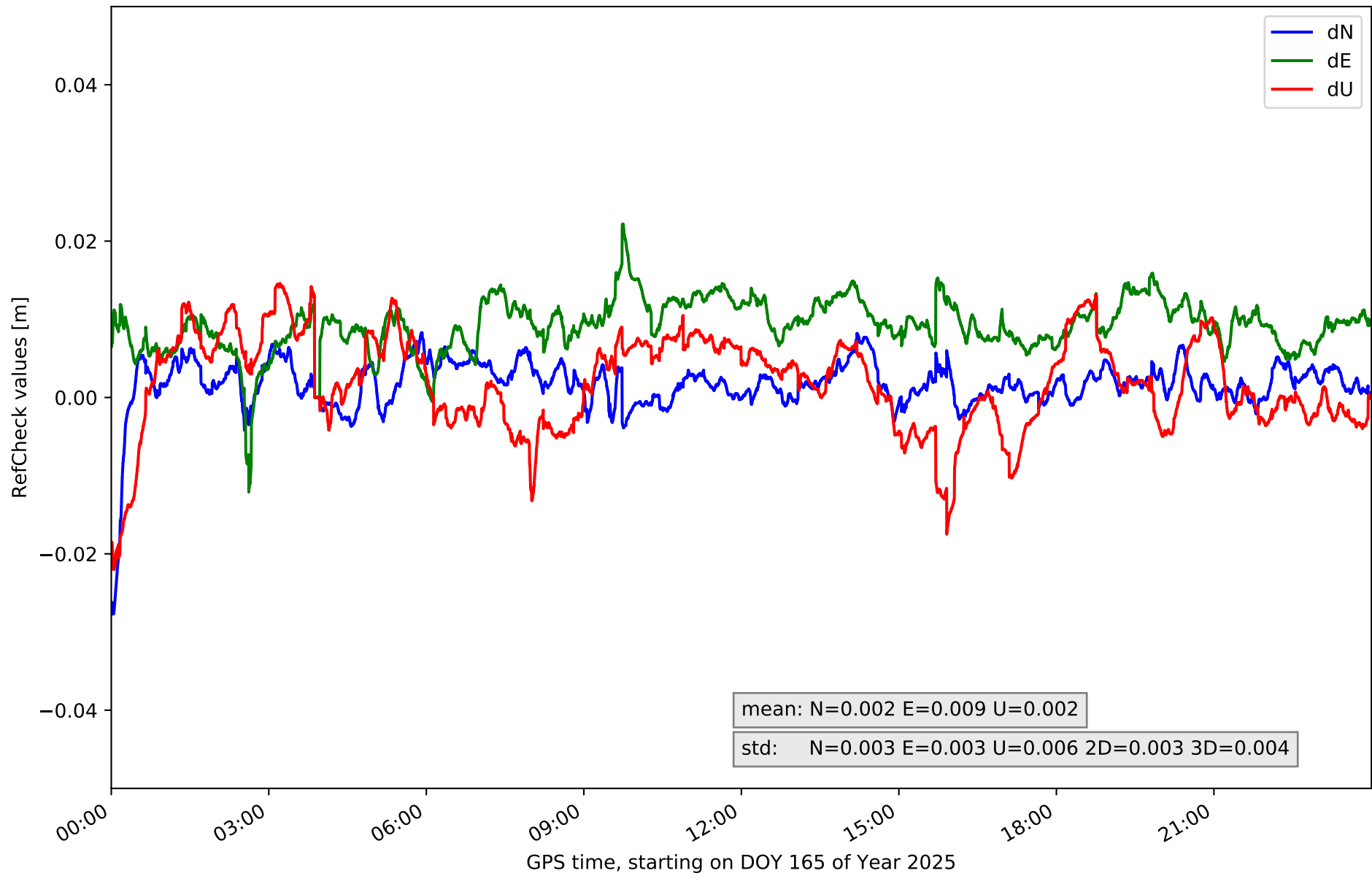




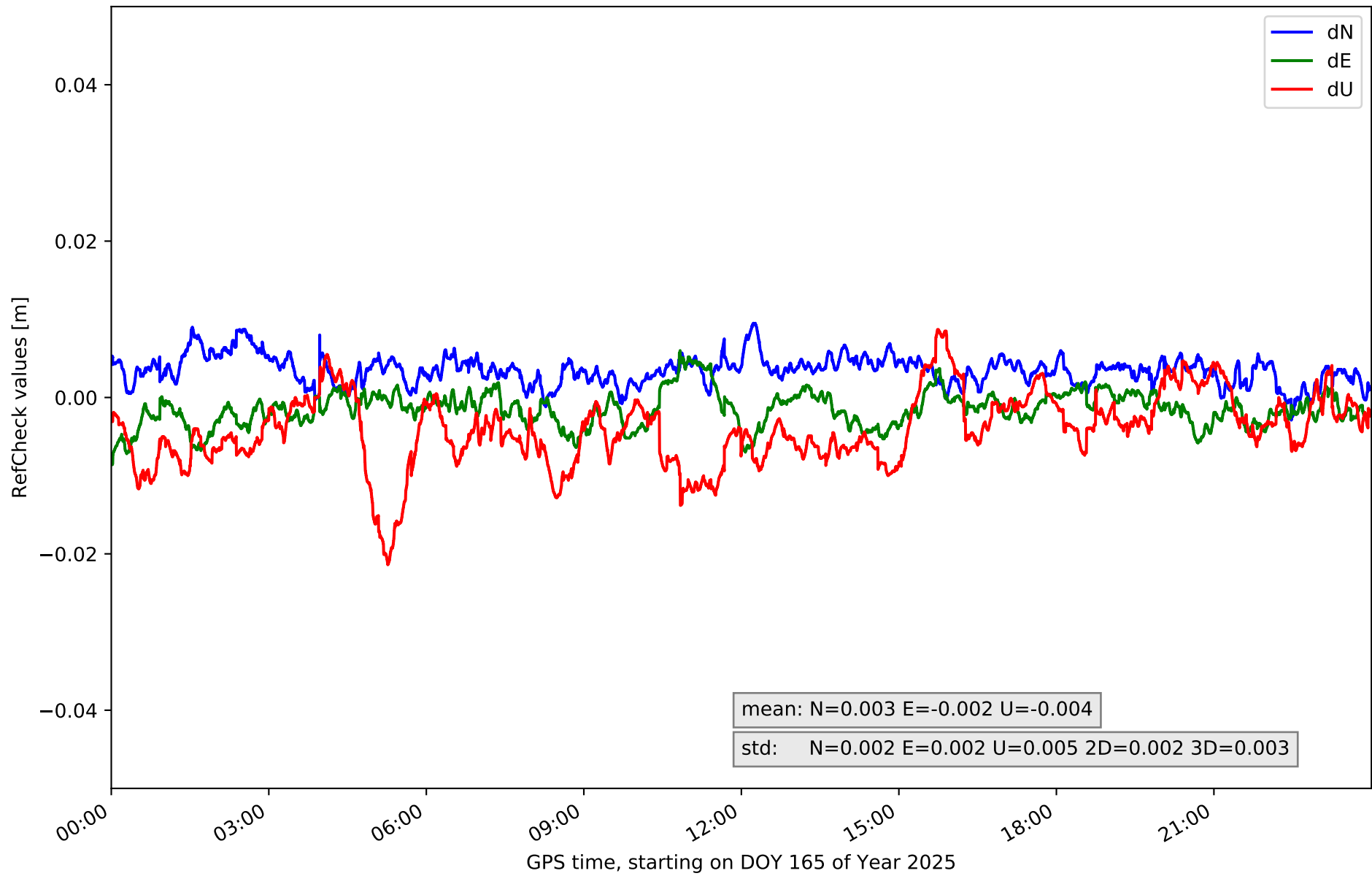
RefCheck for station SEV1 in network NT13



RefCheck for station TAR0 in network NT13



RefCheck for station UCA1 in network NT13



# RefCheck values for network NT13

| Station | Nmin   | Nmax  | Nstd  | Emin   | Emax  | Estd  | Umin   | Umax  | Ustd  | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|------------|-------------|------------|-------------|
| ALGC    | -0.0   | 0.018 | 0.002 | -0.009 | 0.008 | 0.002 | -0.013 | 0.029 | 0.006 | 0.002 | 0.004 | 5978       | 10.5        | 1908       | 3.3         |
| AND2    | -0.01  | 0.007 | 0.003 | -0.006 | 0.015 | 0.004 | -0.025 | 0.018 | 0.008 | 0.003 | 0.004 | 5369       | 9.4         | 1902       | 3.3         |
| ARAC    | -0.005 | 0.016 | 0.004 | -0.014 | 0.003 | 0.003 | -0.014 | 0.025 | 0.008 | 0.003 | 0.004 | 23404      | 40.9        | 3919       | 6.9         |
| CABR    | -0.013 | 0.005 | 0.003 | -0.002 | 0.013 | 0.003 | -0.019 | 0.017 | 0.008 | 0.003 | 0.004 | 3697       | 6.5         | 16         | 0.0         |
| CAZA    | -0.007 | 0.027 | 0.004 | -0.012 | 0.004 | 0.003 | -0.02  | 0.02  | 0.007 | 0.004 | 0.005 | 7775       | 13.6        | 1094       | 1.9         |
| CEU1    | -0.005 | 0.009 | 0.002 | -0.022 | 0.0   | 0.003 | -0.007 | 0.029 | 0.008 | 0.003 | 0.005 | 55322      | 96.8        | 12306      | 21.5        |
| CRDB    | -0.008 | 0.005 | 0.002 | -0.0   | 0.023 | 0.004 | -0.005 | 0.022 | 0.006 | 0.004 | 0.005 | 48839      | 85.4        | 11648      | 20.4        |
| HUEL    | -0.011 | 0.011 | 0.003 | -0.007 | 0.01  | 0.003 | -0.008 | 0.027 | 0.007 | 0.002 | 0.005 | 1402       | 2.5         | 4912       | 8.6         |
| LEBR    | -0.014 | 0.025 | 0.005 | -0.015 | 0.032 | 0.007 | -0.052 | 0.061 | 0.014 | 0.005 | 0.012 | 8590       | 15.0        | 40168      | 70.3        |
| MALA    | -0.029 | 0.013 | 0.007 | -0.039 | 0.019 | 0.008 | -0.052 | 0.013 | 0.014 | 0.007 | 0.011 | 41366      | 72.4        | 31506      | 55.1        |
| MOFR    | -0.007 | 0.01  | 0.003 | 0.0    | 0.02  | 0.003 | -0.014 | 0.017 | 0.005 | 0.002 | 0.003 | 40116      | 70.2        | 846        | 1.5         |
| MOTR    | -0.015 | 0.001 | 0.003 | -0.011 | 0.011 | 0.003 | -0.009 | 0.026 | 0.007 | 0.002 | 0.005 | 8326       | 14.6        | 2721       | 4.8         |
| OSUN    | -0.011 | 0.005 | 0.002 | -0.007 | 0.011 | 0.003 | -0.022 | 0.007 | 0.005 | 0.002 | 0.003 | 1520       | 2.7         | 320        | 0.6         |
| RON1    | -0.006 | 0.01  | 0.002 | -0.009 | 0.007 | 0.003 | -0.018 | 0.015 | 0.005 | 0.002 | 0.003 | 179        | 0.3         | 0          | 0.0         |
| SEV1    | -0.012 | 0.004 | 0.003 | -0.011 | 0.004 | 0.003 | -0.027 | 0.005 | 0.006 | 0.003 | 0.005 | 4912       | 8.6         | 4743       | 8.3         |
| TAR0    | -0.028 | 0.008 | 0.003 | -0.012 | 0.022 | 0.003 | -0.022 | 0.015 | 0.006 | 0.003 | 0.004 | 24304      | 42.5        | 704        | 1.2         |
| UCA1    | -0.003 | 0.009 | 0.002 | -0.009 | 0.006 | 0.002 | -0.021 | 0.009 | 0.005 | 0.002 | 0.003 | 550        | 1.0         | 480        | 0.8         |
| Mean    | -0.011 | 0.011 | 0.003 | -0.011 | 0.012 | 0.004 | -0.02  | 0.021 | 0.007 | 0.003 | 0.005 | 16567.6    | 29.0        | 7011.4     | 12.3        |
| Min/Max | -0.029 | 0.027 | 0.007 | -0.039 | 0.032 | 0.008 | -0.052 | 0.061 | 0.014 | 0.007 | 0.012 | 55322      | 96.8        | 40168      | 70.3        |

## fixing statistic for network NT13

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 88.5     | 91.9 | 84.5 | 92.7 | 83.7 |
| considering satellites with dual-frequency fixed | 85.6     | 88.2 | 75.4 | 90.5 | 85.2 |
| considering all signals separately               | 86.4     | 88.3 | 75.4 | 90.8 | 84.7 |