

## summary for network N01T

timeperiod chosen: from 2025-07-09-00:00:00 until 2025-07-09-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 2.5 seconds

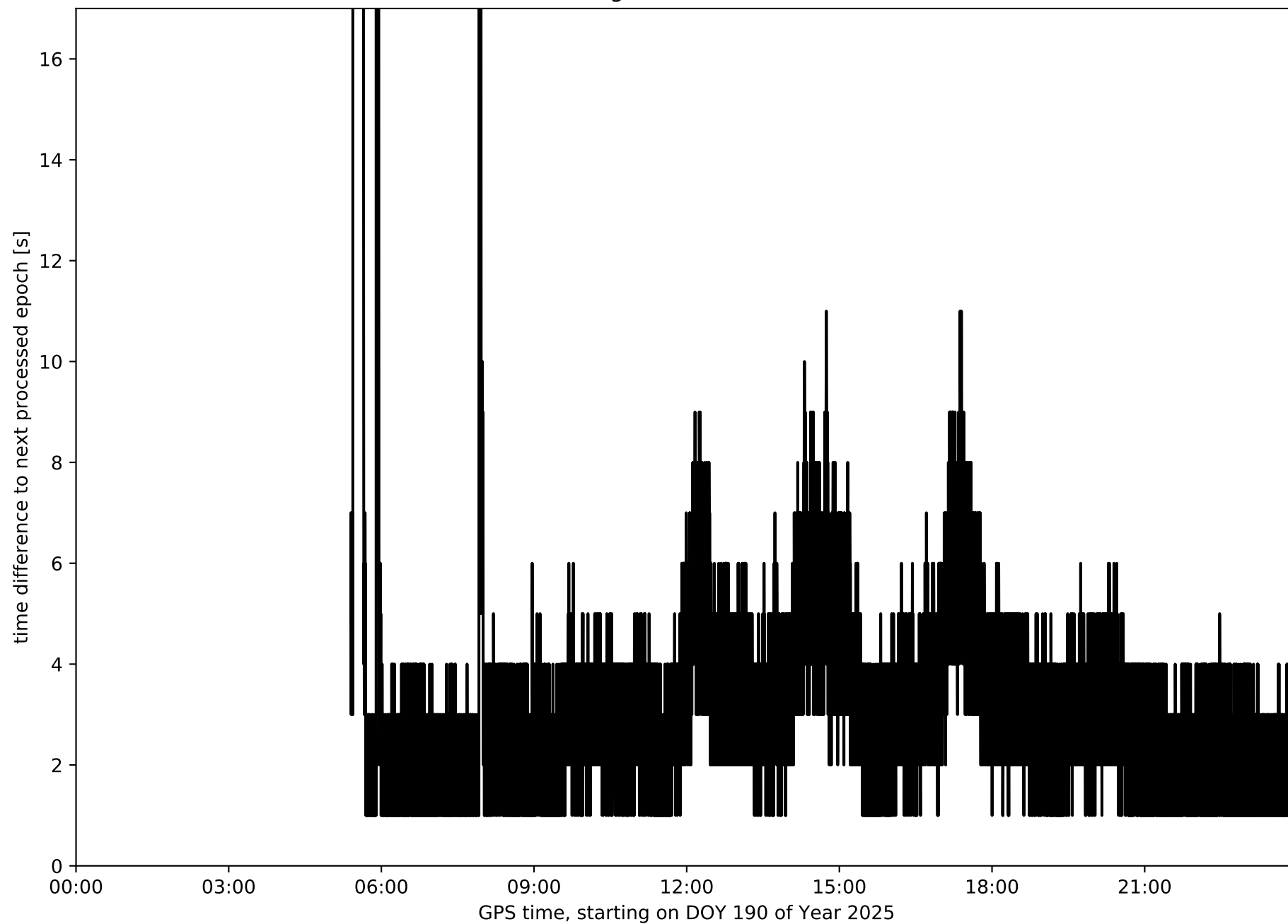
average fixing percentage with threshold set to 0.3: 90.2 percent

stations available: 17 of 17

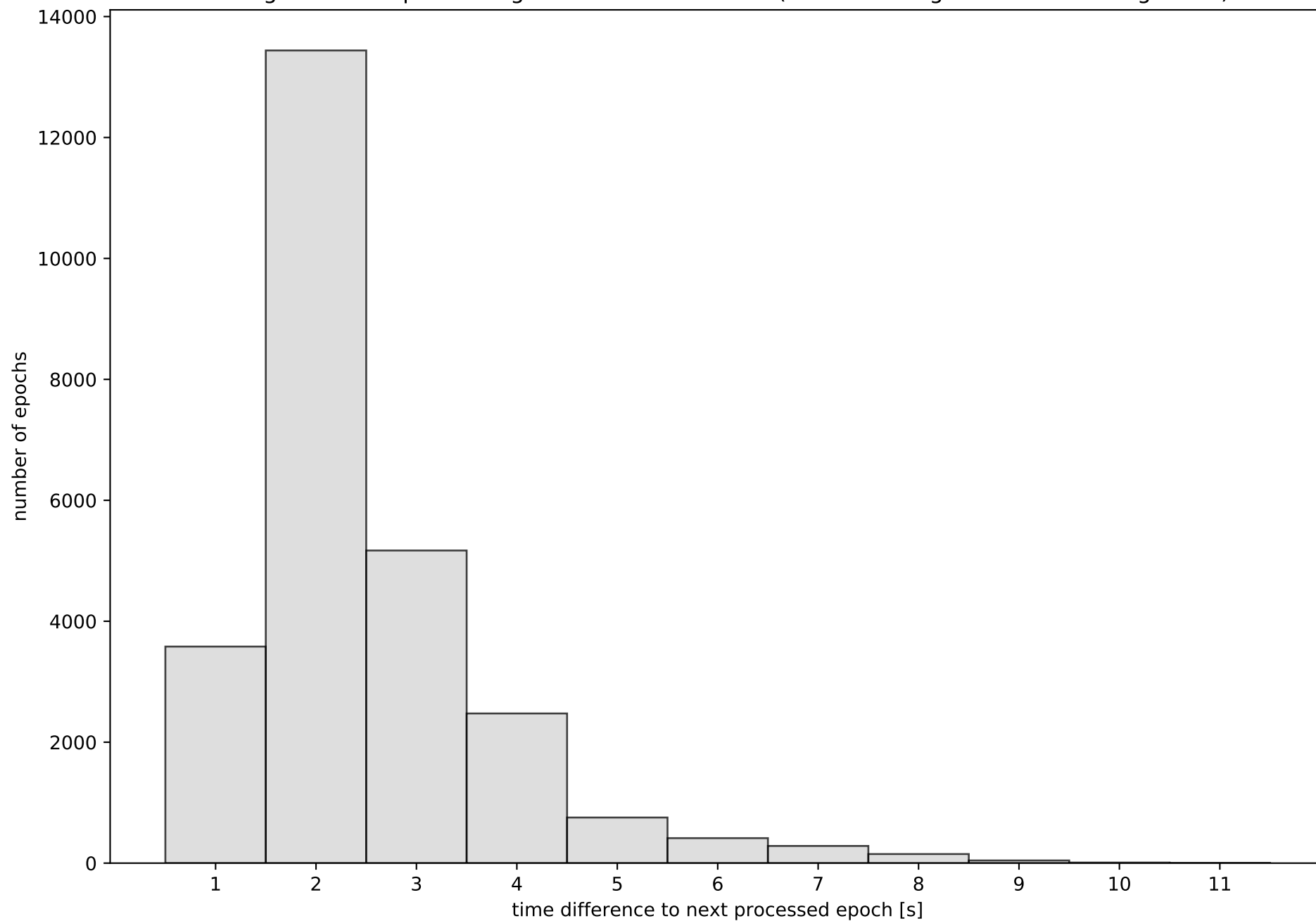
station information:

|               |                         |      |                         |                  |
|---------------|-------------------------|------|-------------------------|------------------|
| station ALMZ: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 1019.452 |
| station ARAJ: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 580.921  |
| station ARSP: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 638.139  |
| 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 GMSR: | antenna: GPPNULLANTENNA | NONE | receiver: TRIMBLE R750  | height: 864.057  |
| station IGNE: | antenna: LEIAT504GG     | LEIS | receiver: LEICA GR50    | height: 766.956  |
| station OLM1: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 829.129  |
| station MAD1: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 724.483  |
| station NVDA: | antenna: GPPNULLANTENNA | NONE | receiver: TRIMBLE R750  | height: 933.478  |
| 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  |

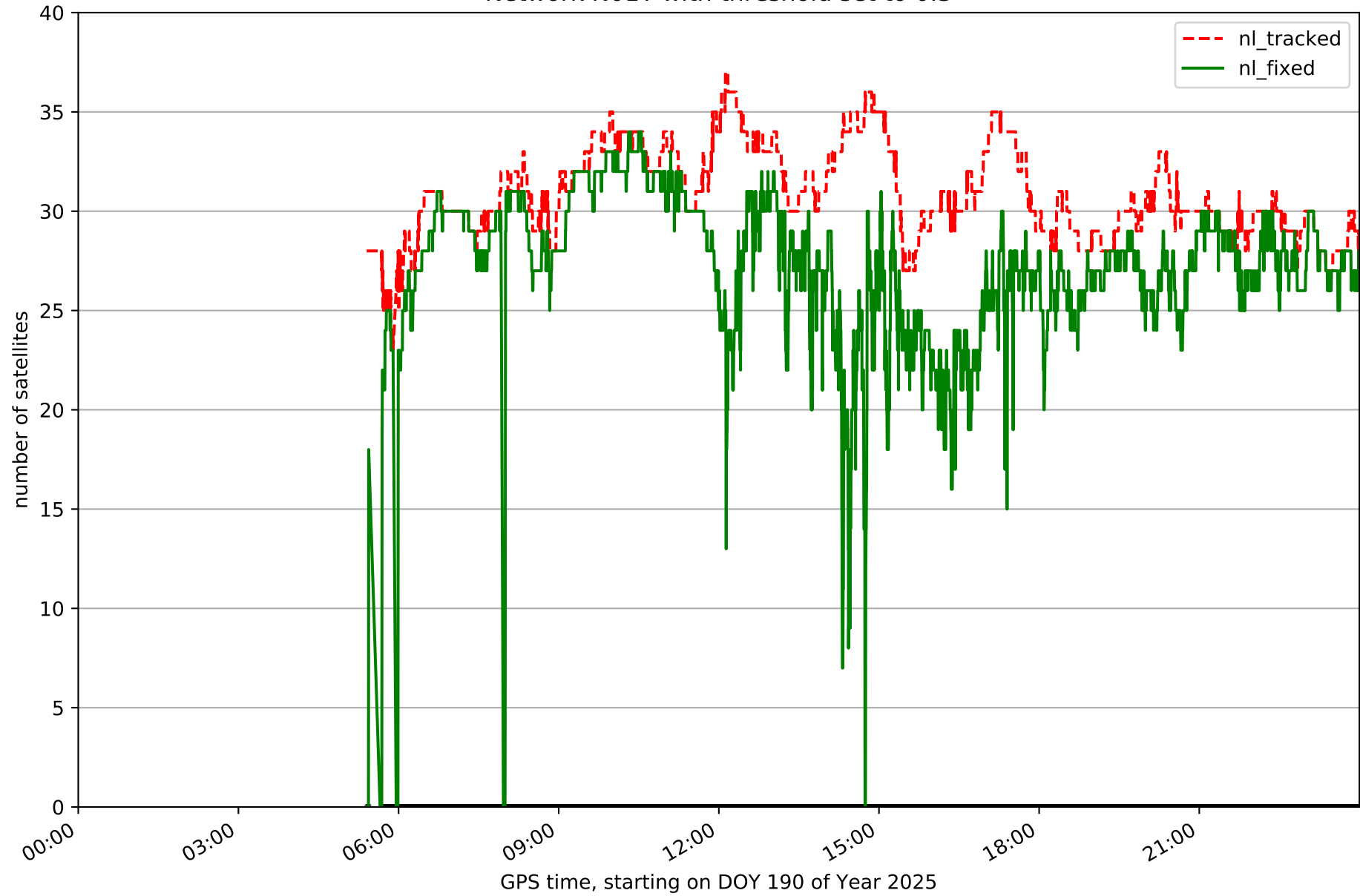
Processing rate in network N01T



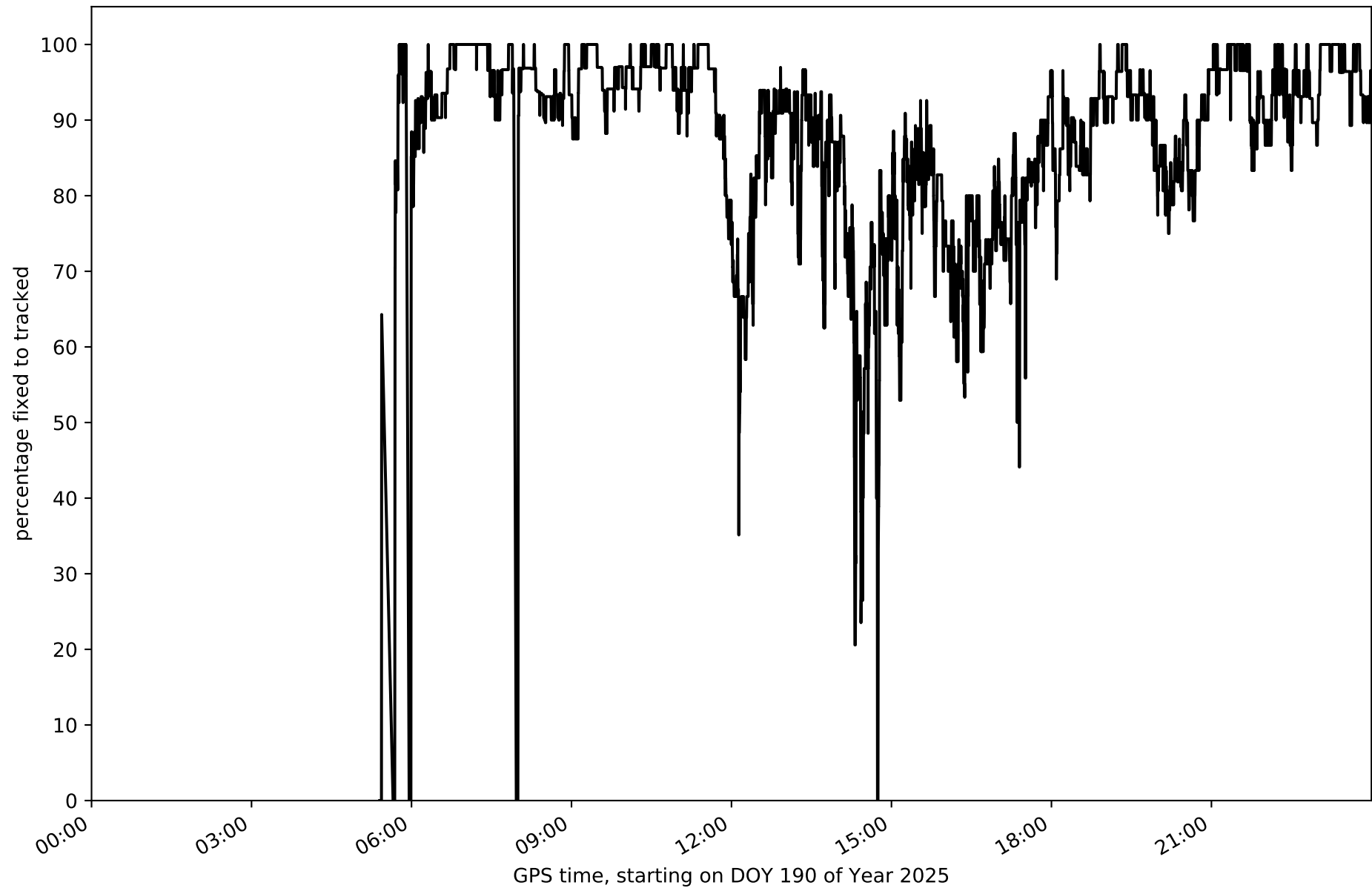
Histogram of the processing rate in network N01T (durations larger 15 seconds neglected)



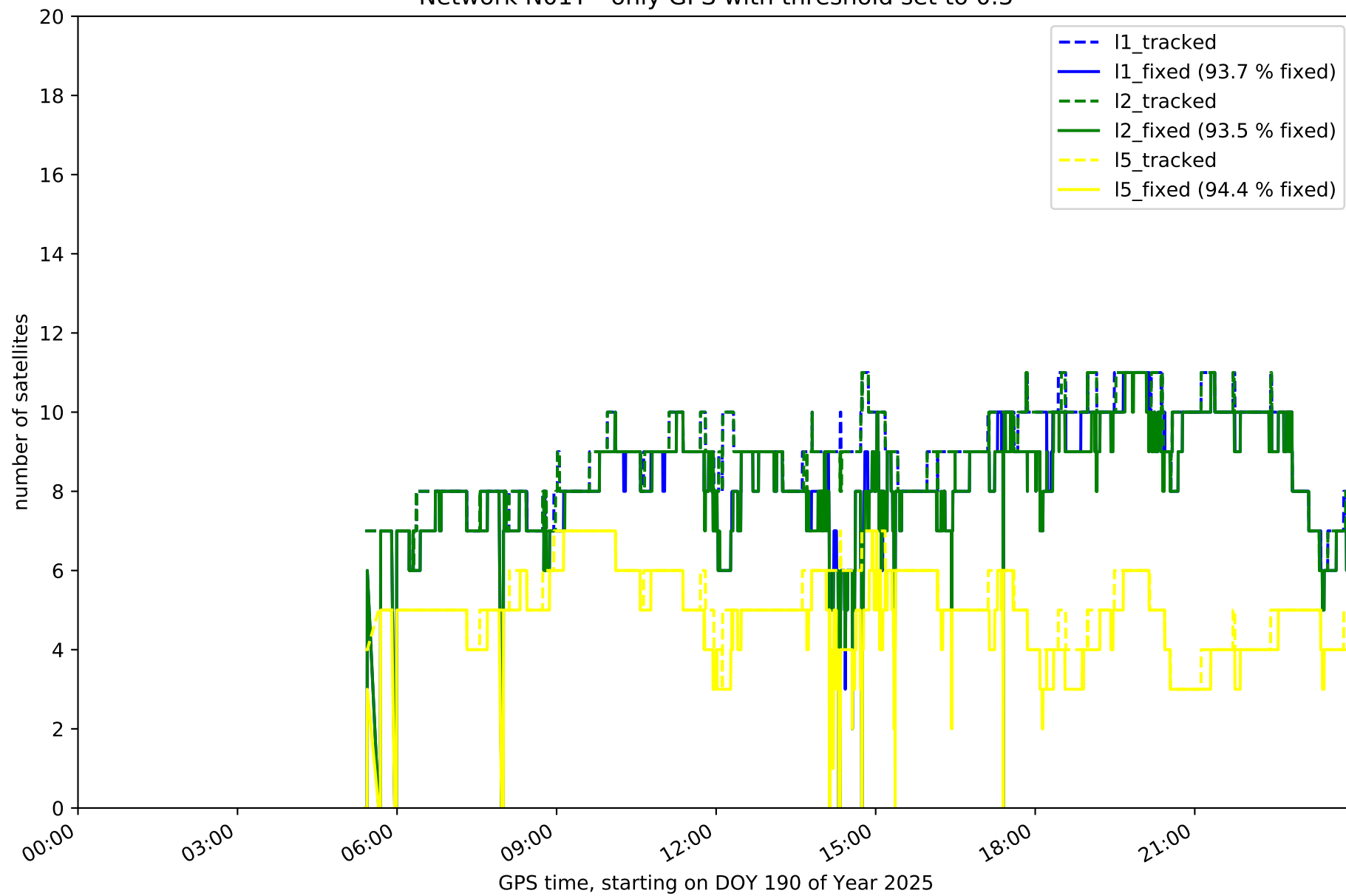
Network N01T with threshold set to 0.3



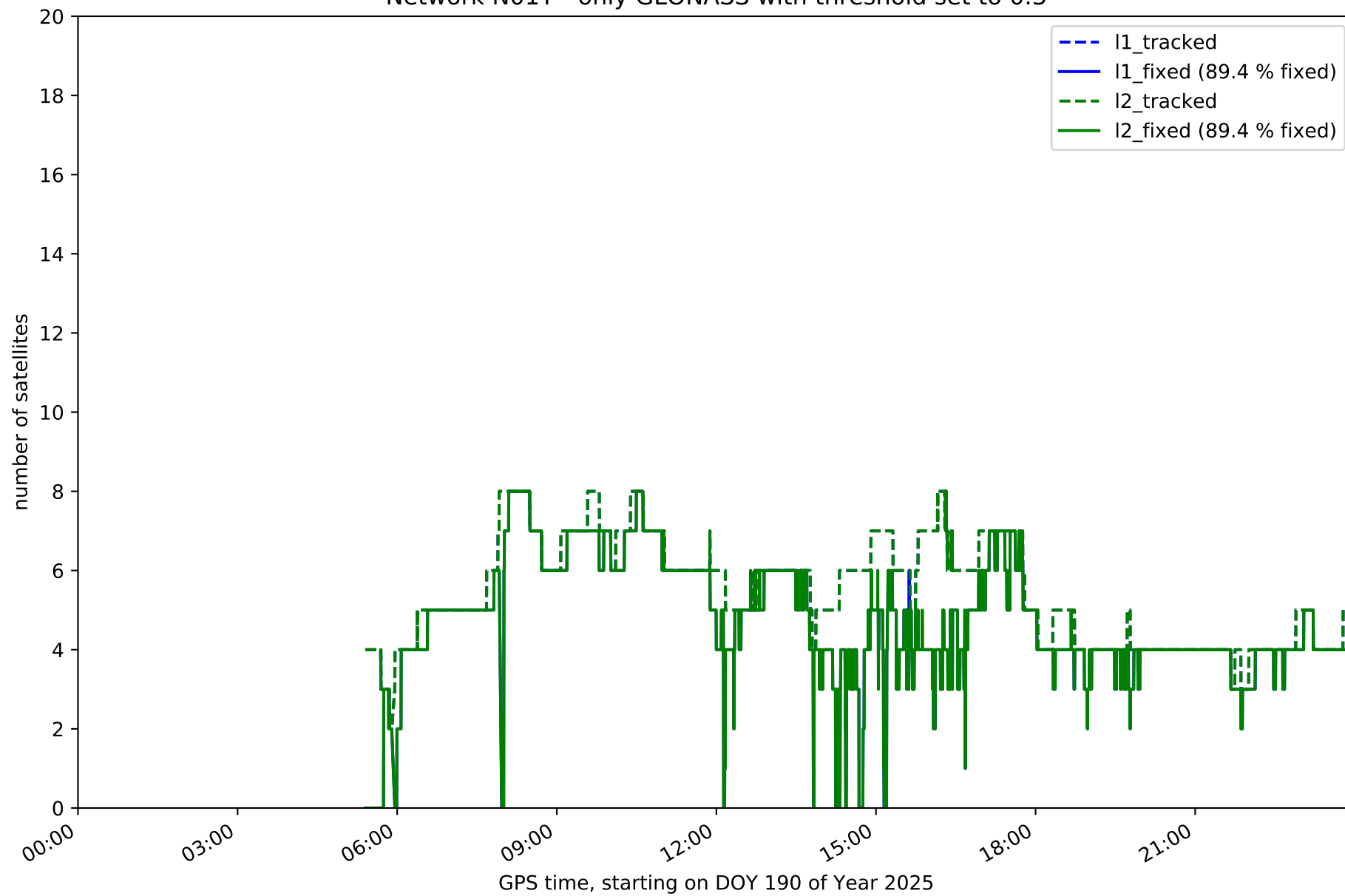
Fixing percentage of satellites in network N01T with threshold set to 0.3



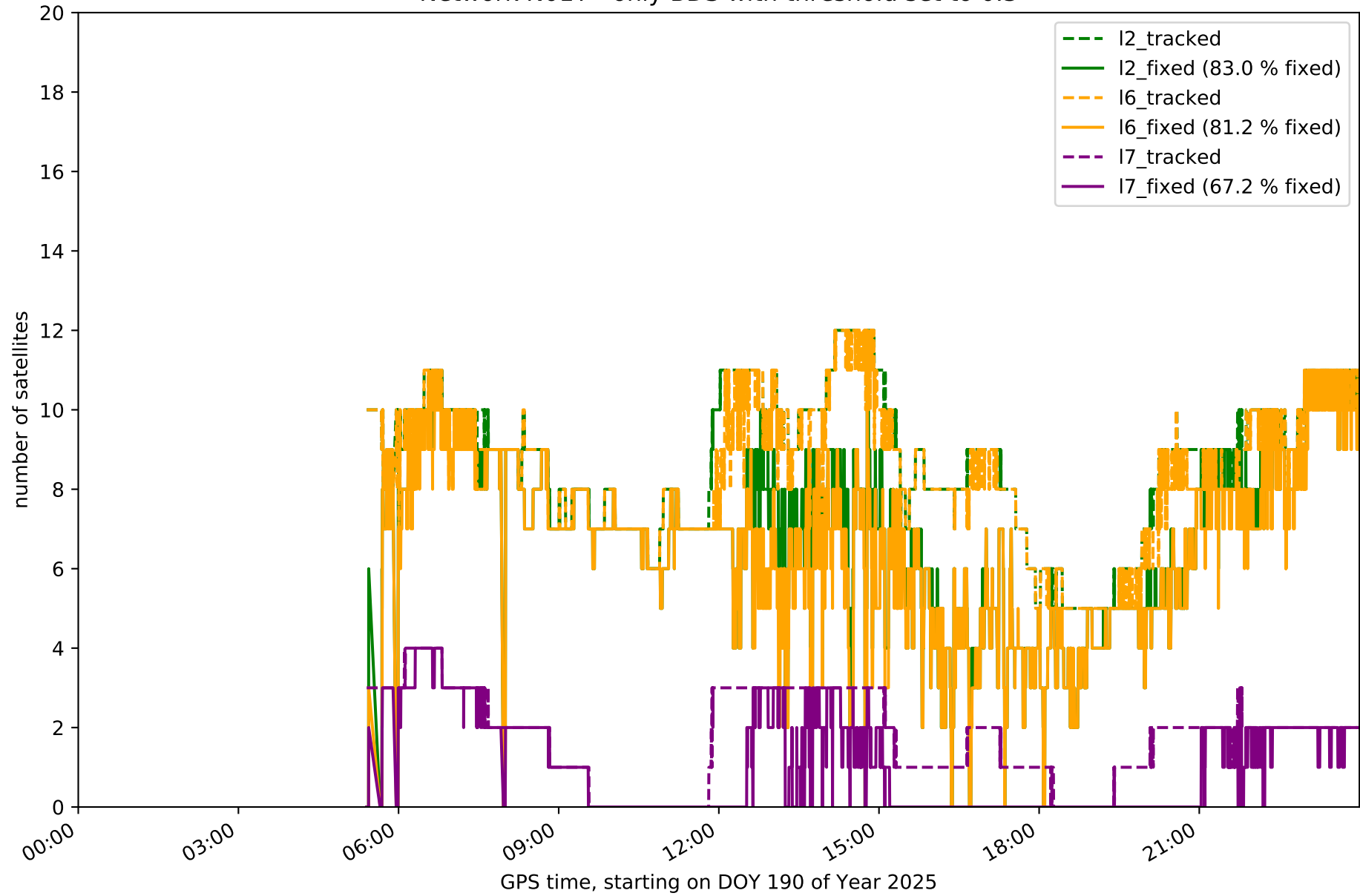
Network N01T - only GPS with threshold set to 0.3



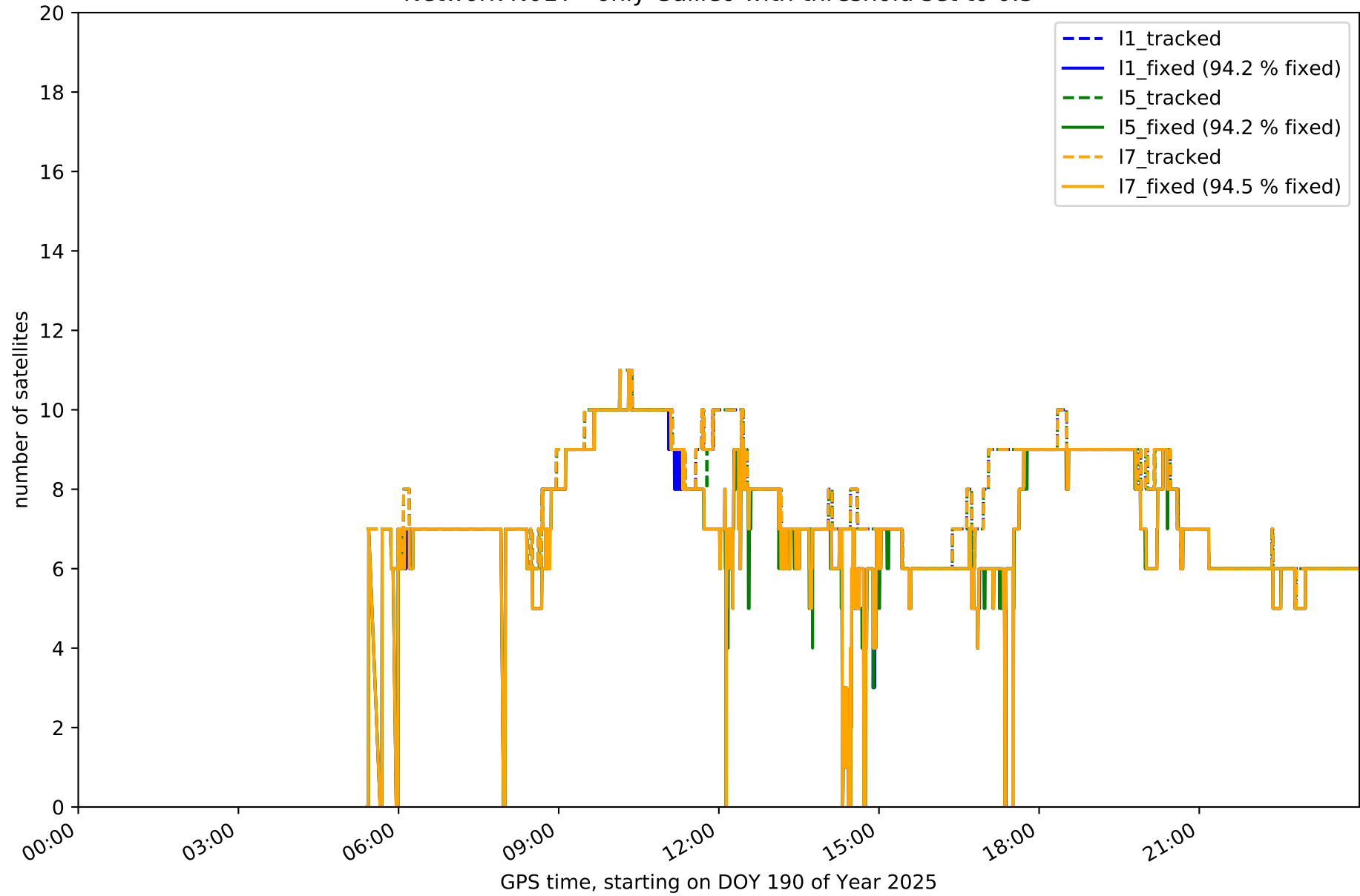
Network N01T - only GLONASS with threshold set to 0.3



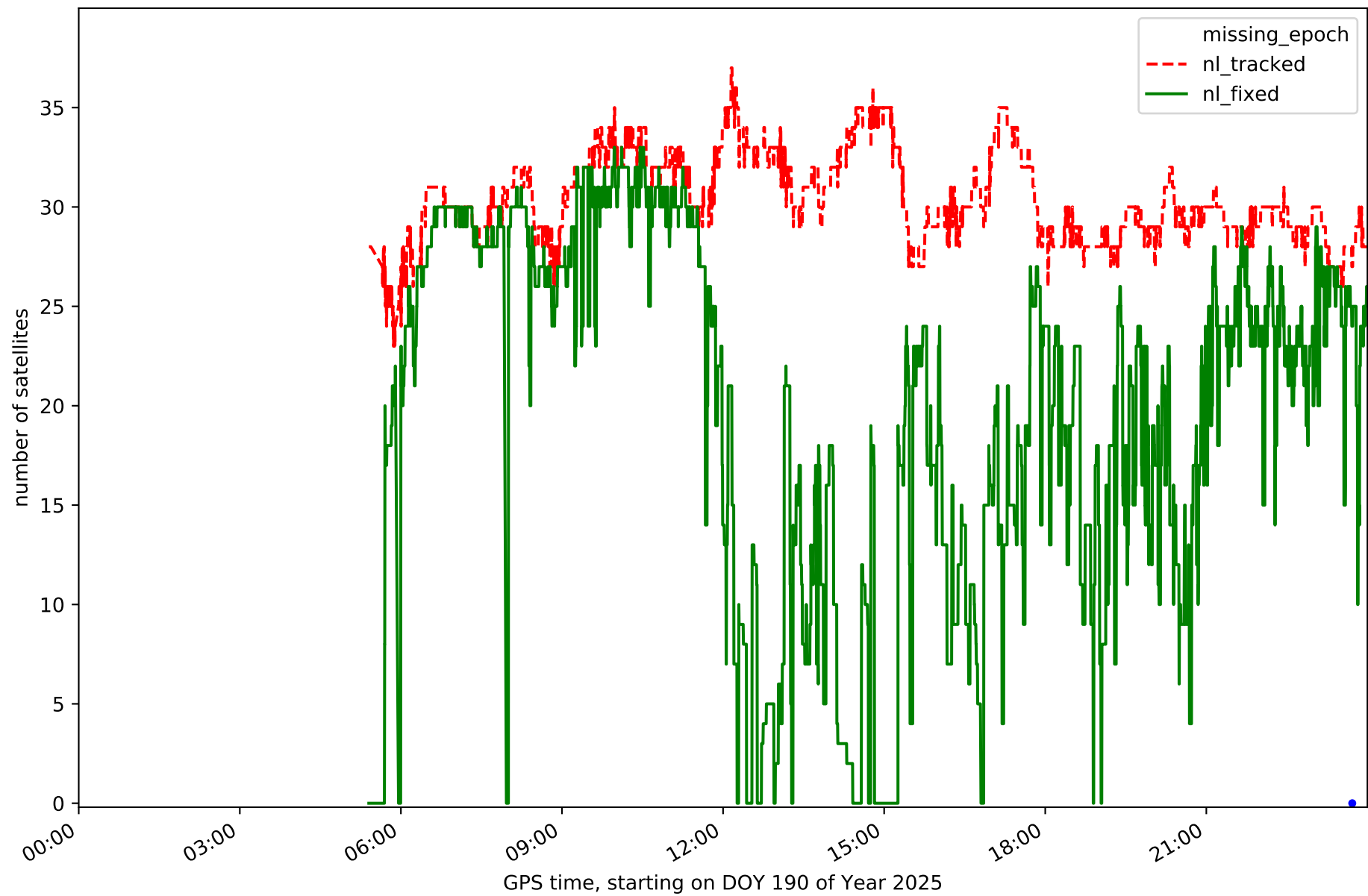
Network N01T - only BDS with threshold set to 0.3



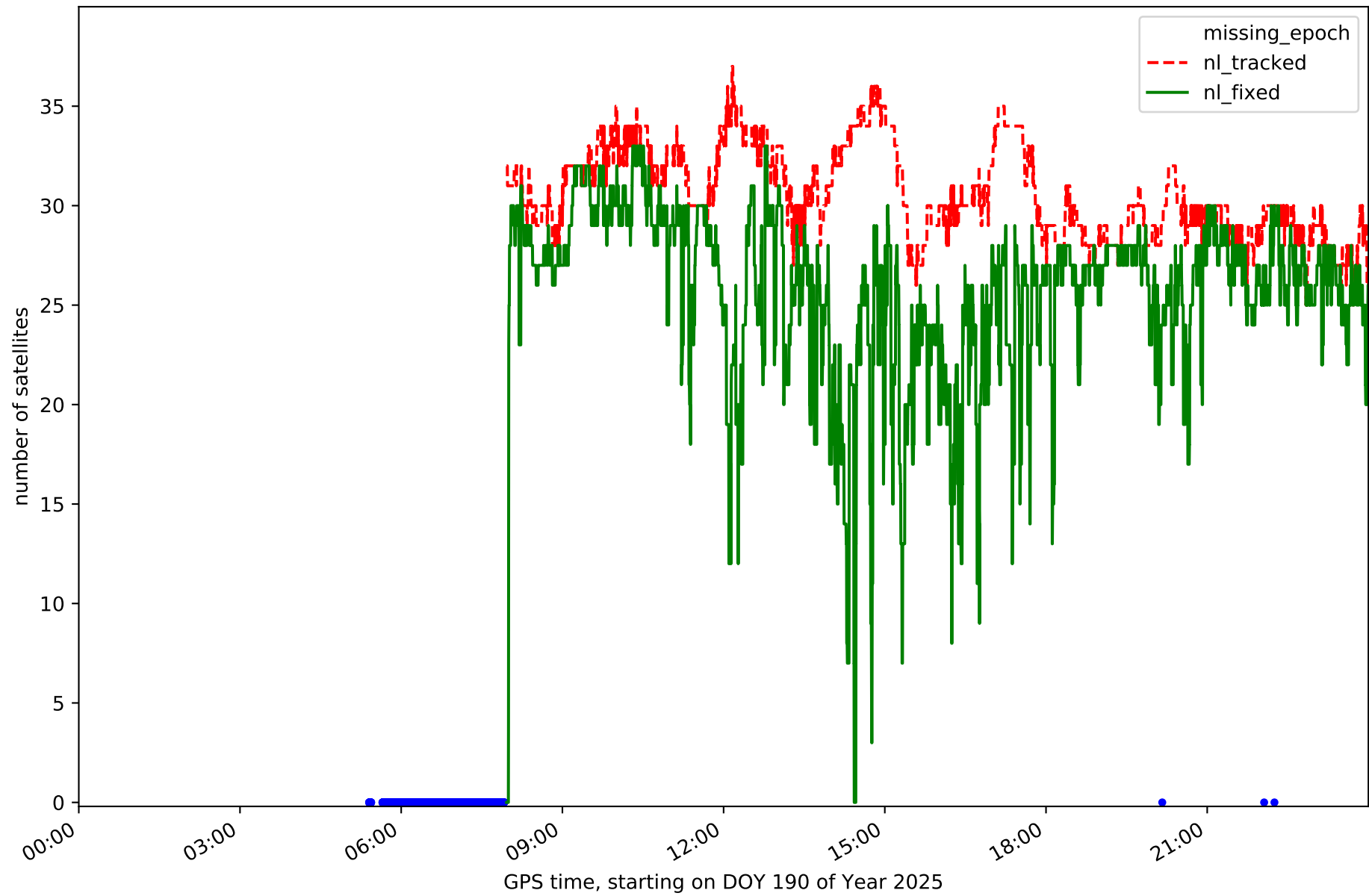
Network N01T - only Galileo with threshold set to 0.3



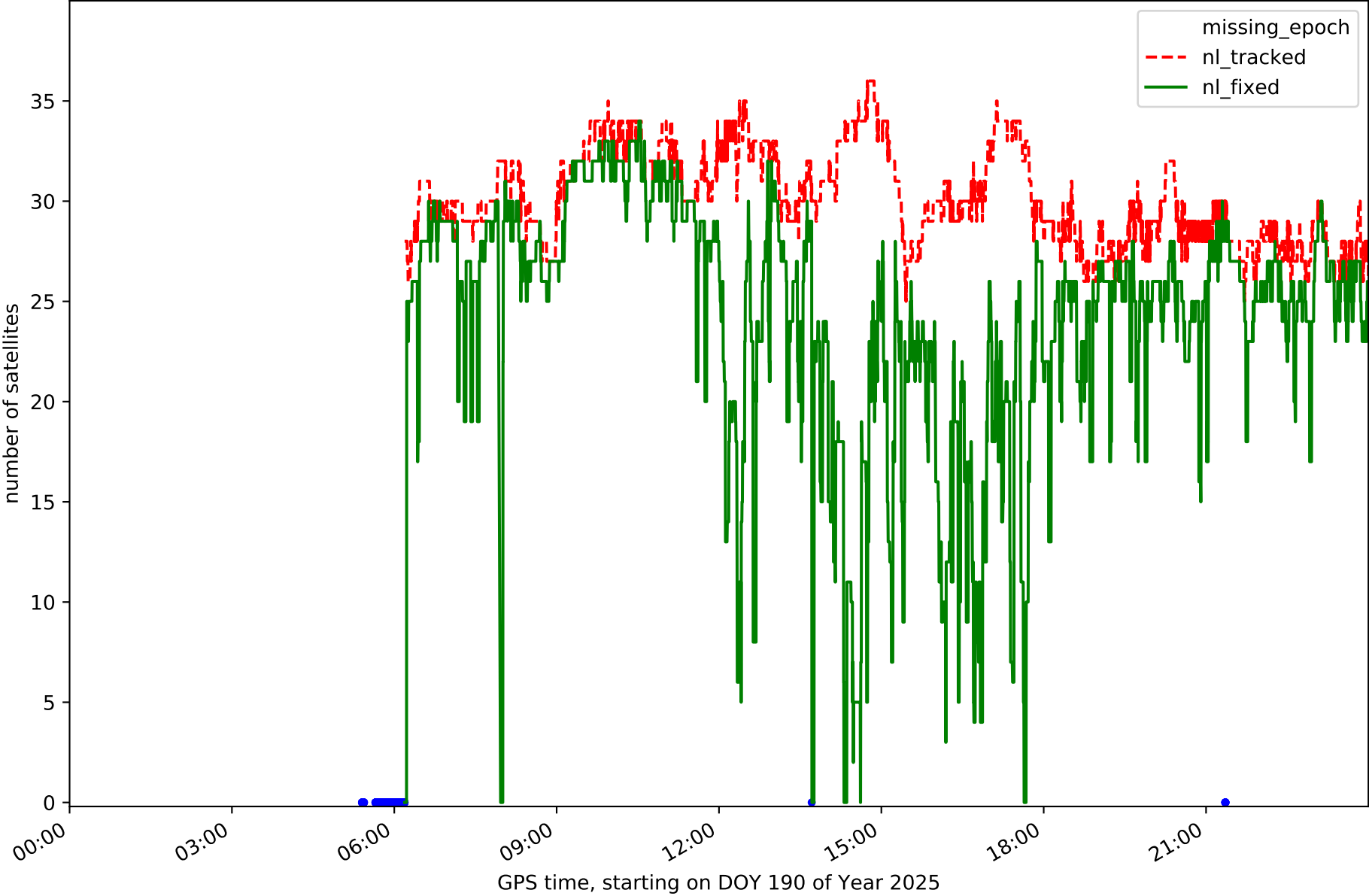
Station ALMZ in network N01T



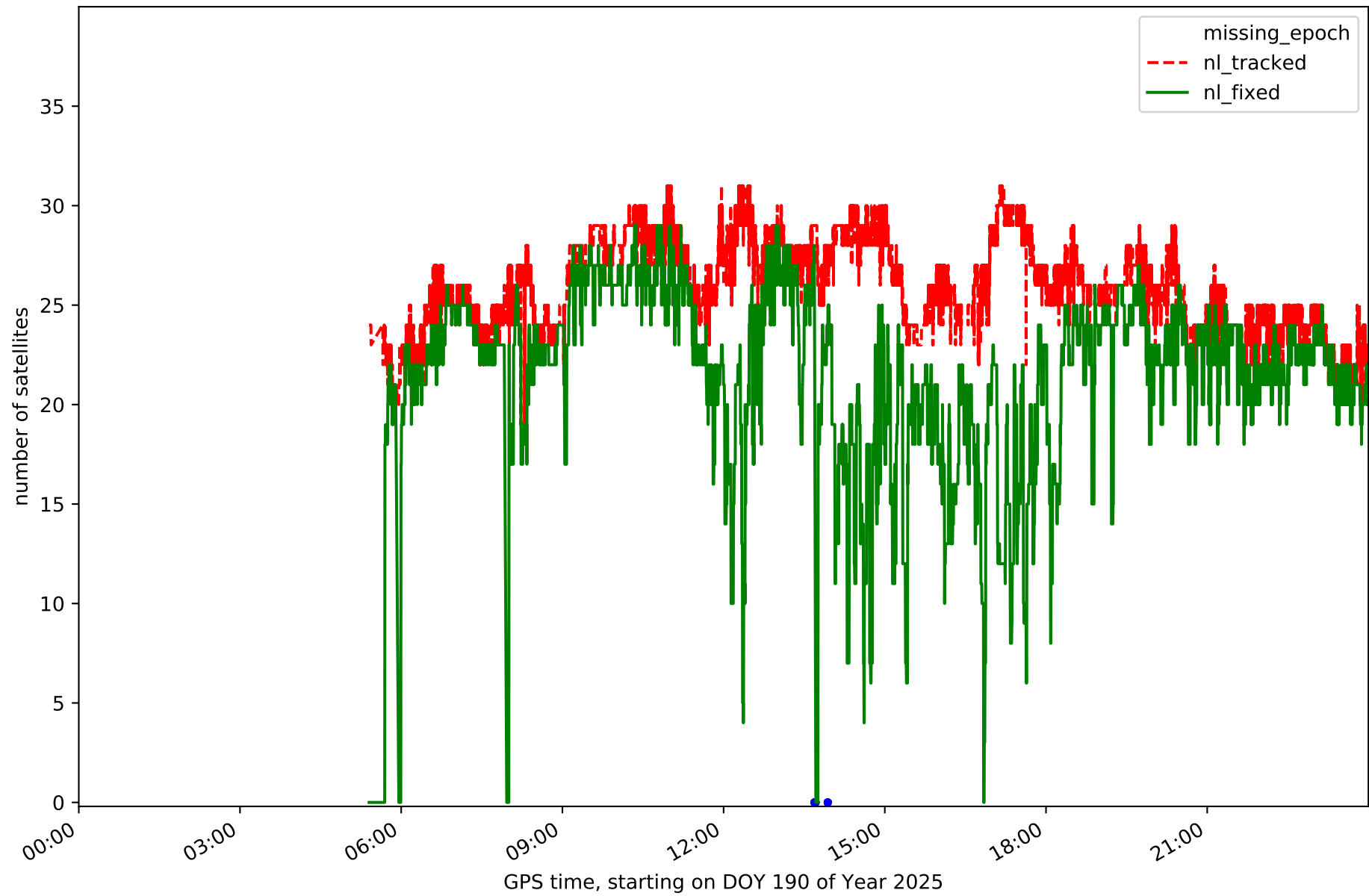
Station ARAJ in network N01T



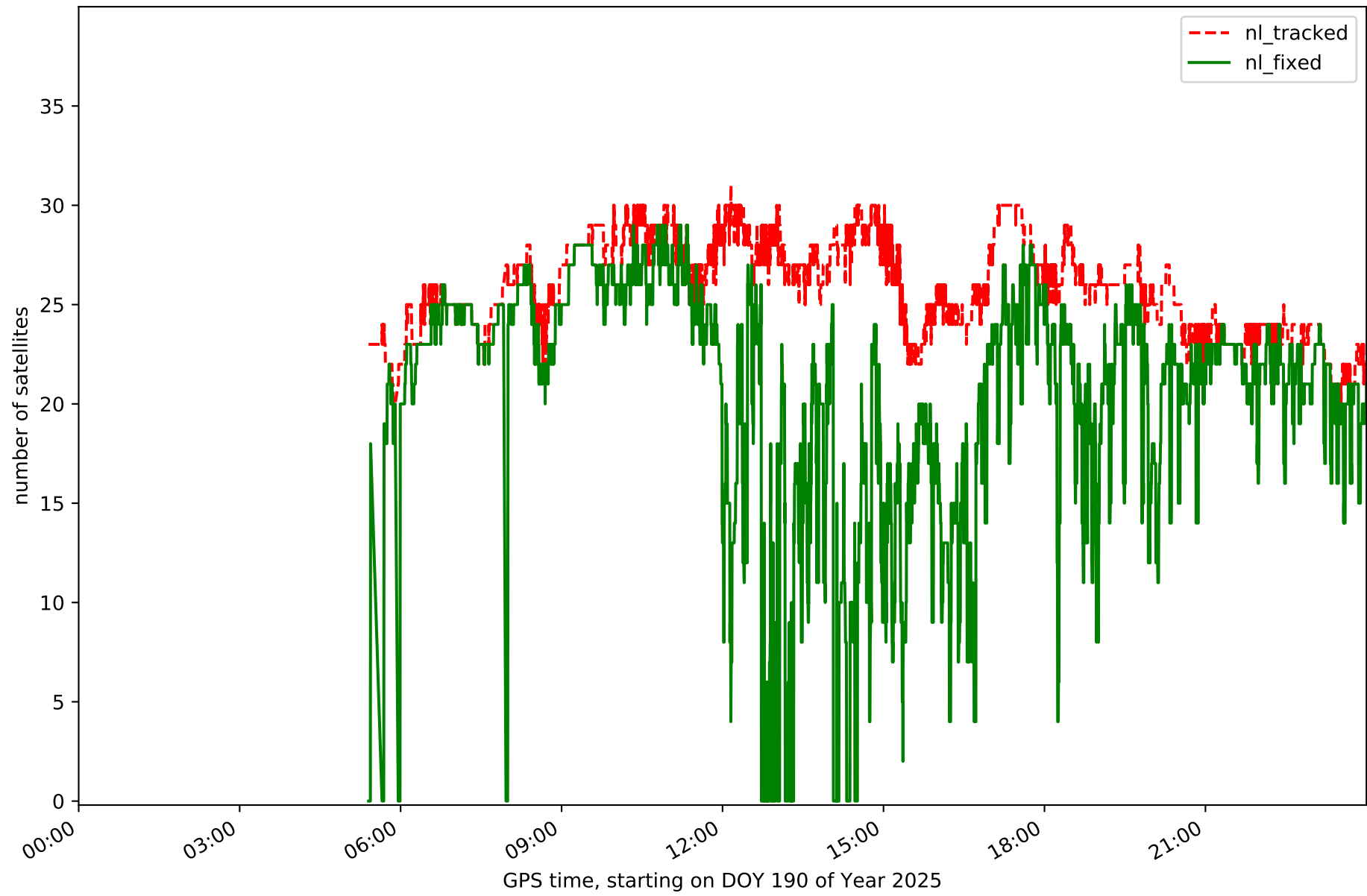
Station ARSP in network N01T



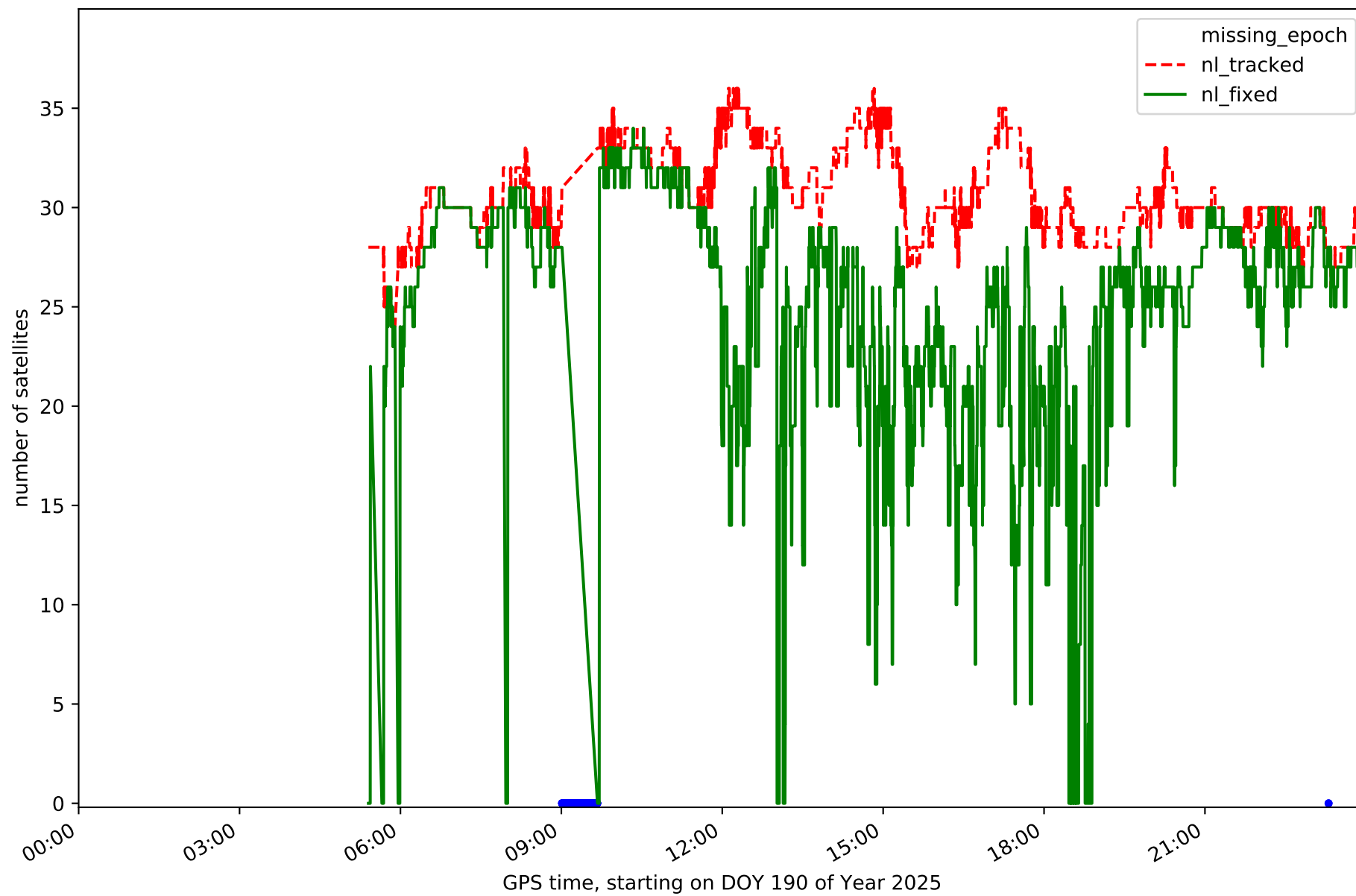
Station AVI2 in network N01T



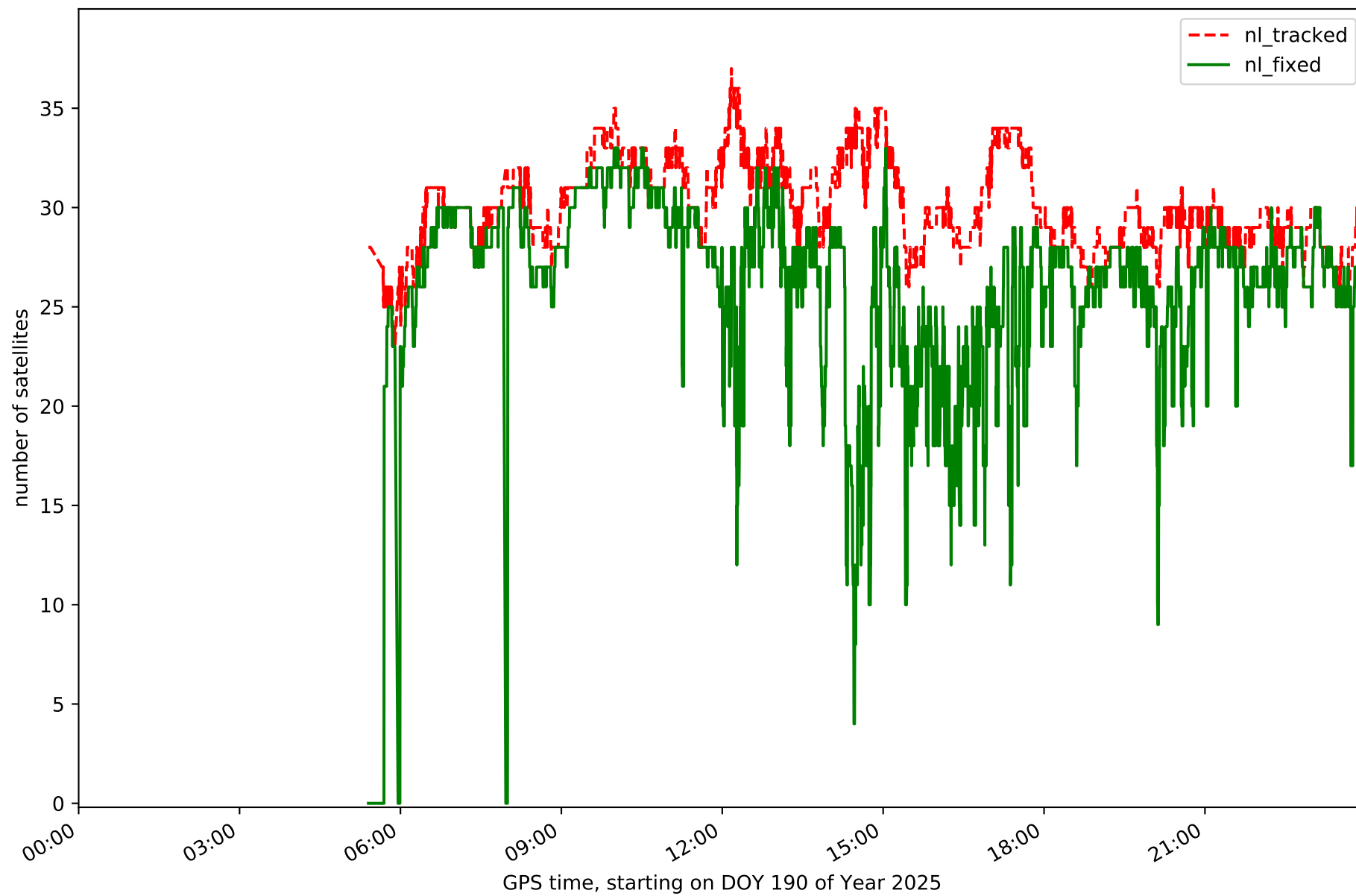
Station BUIT in network N01T



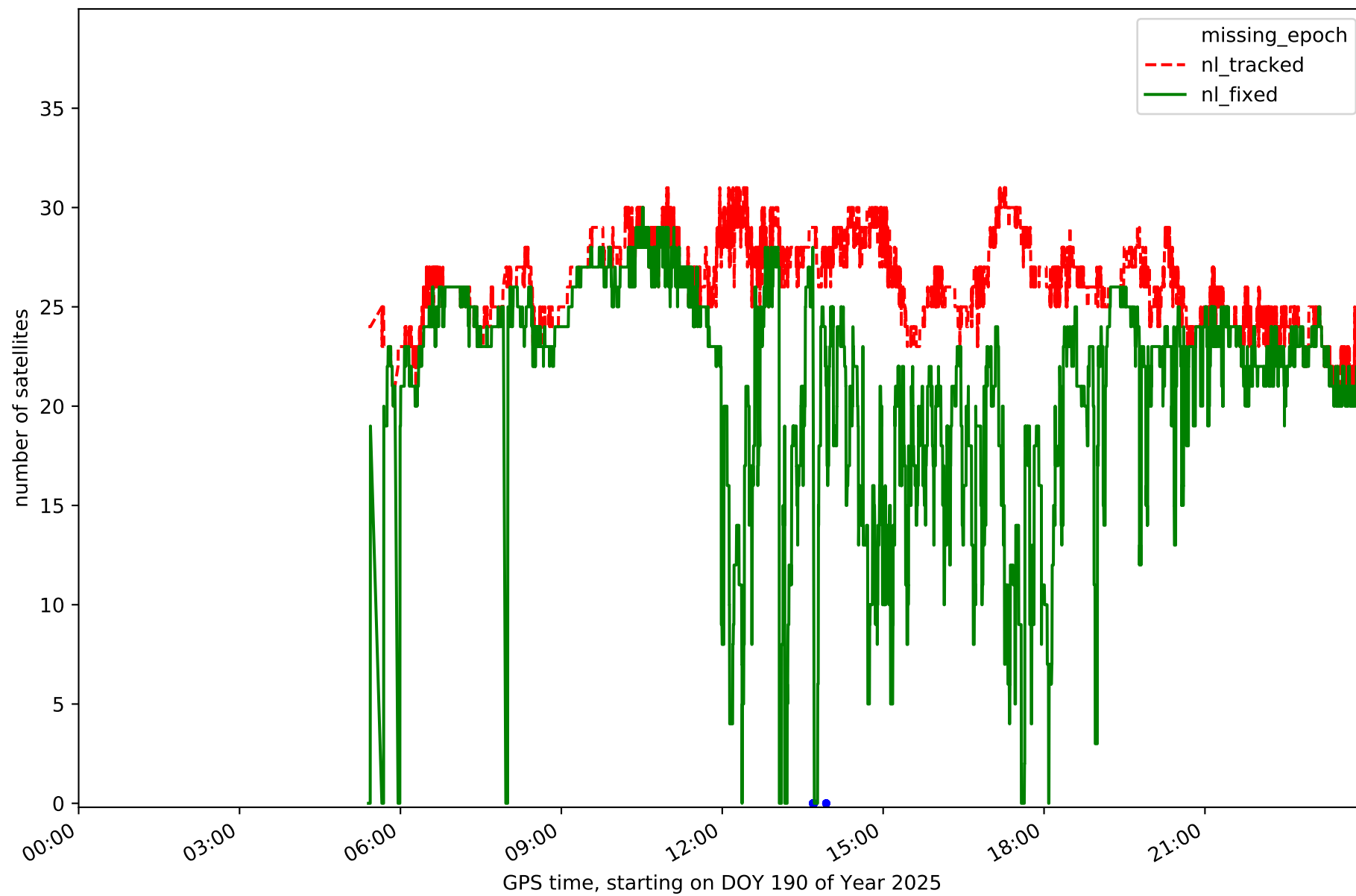
Station GMSR in network N01T



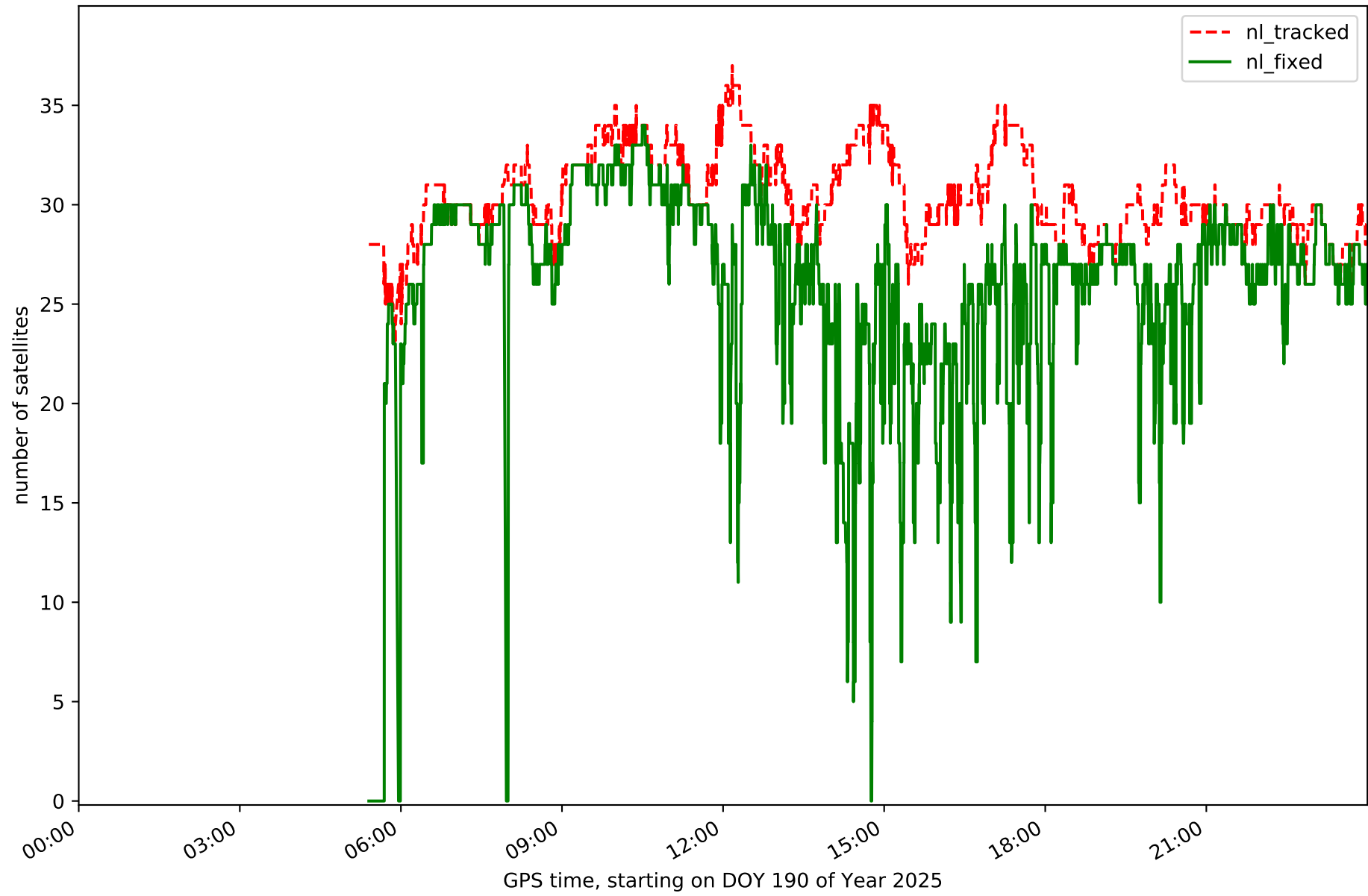
Station IGNE in network N01T



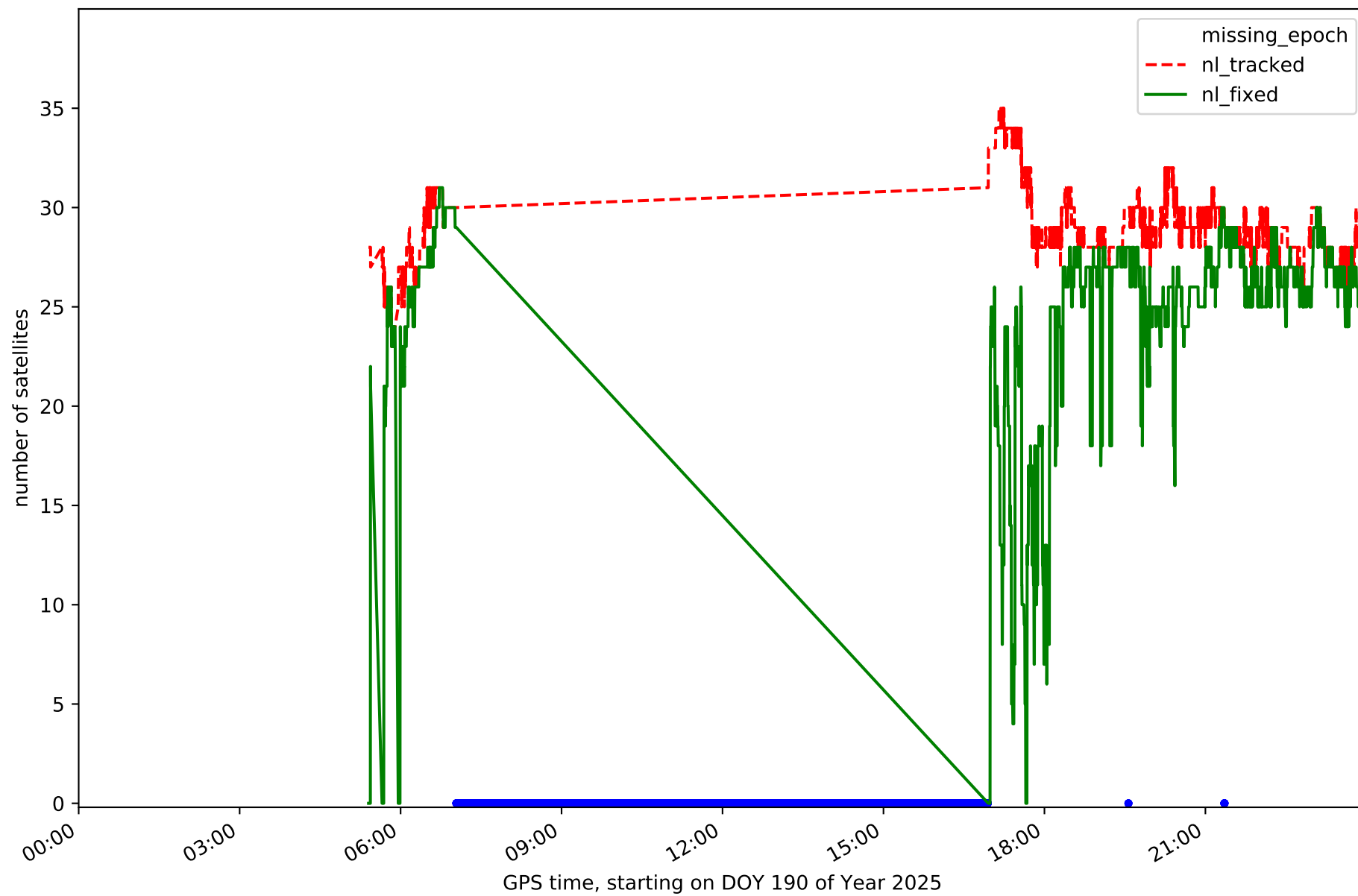
Station OLM1 in network N01T



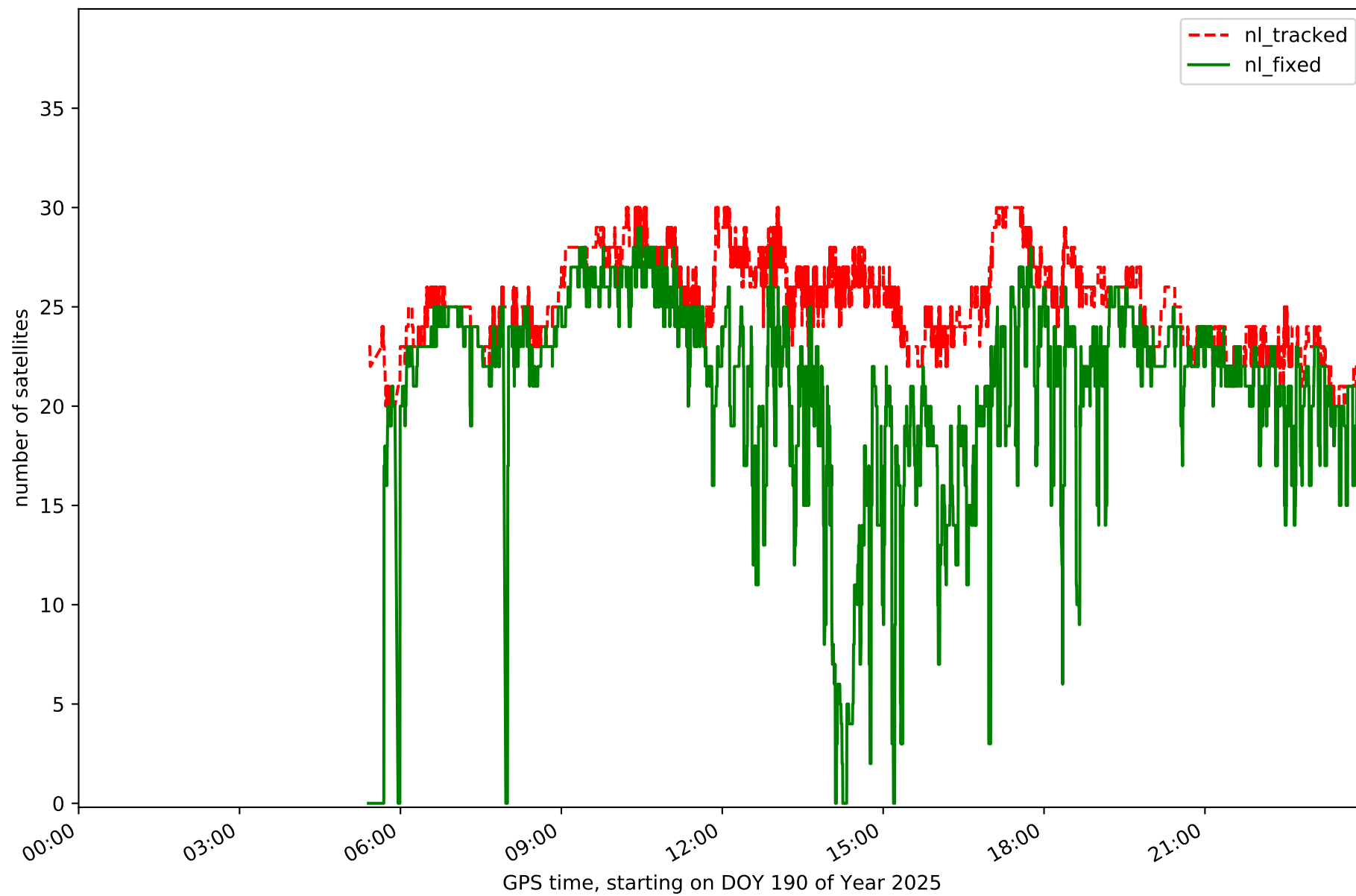
Station MAD1 in network N01T



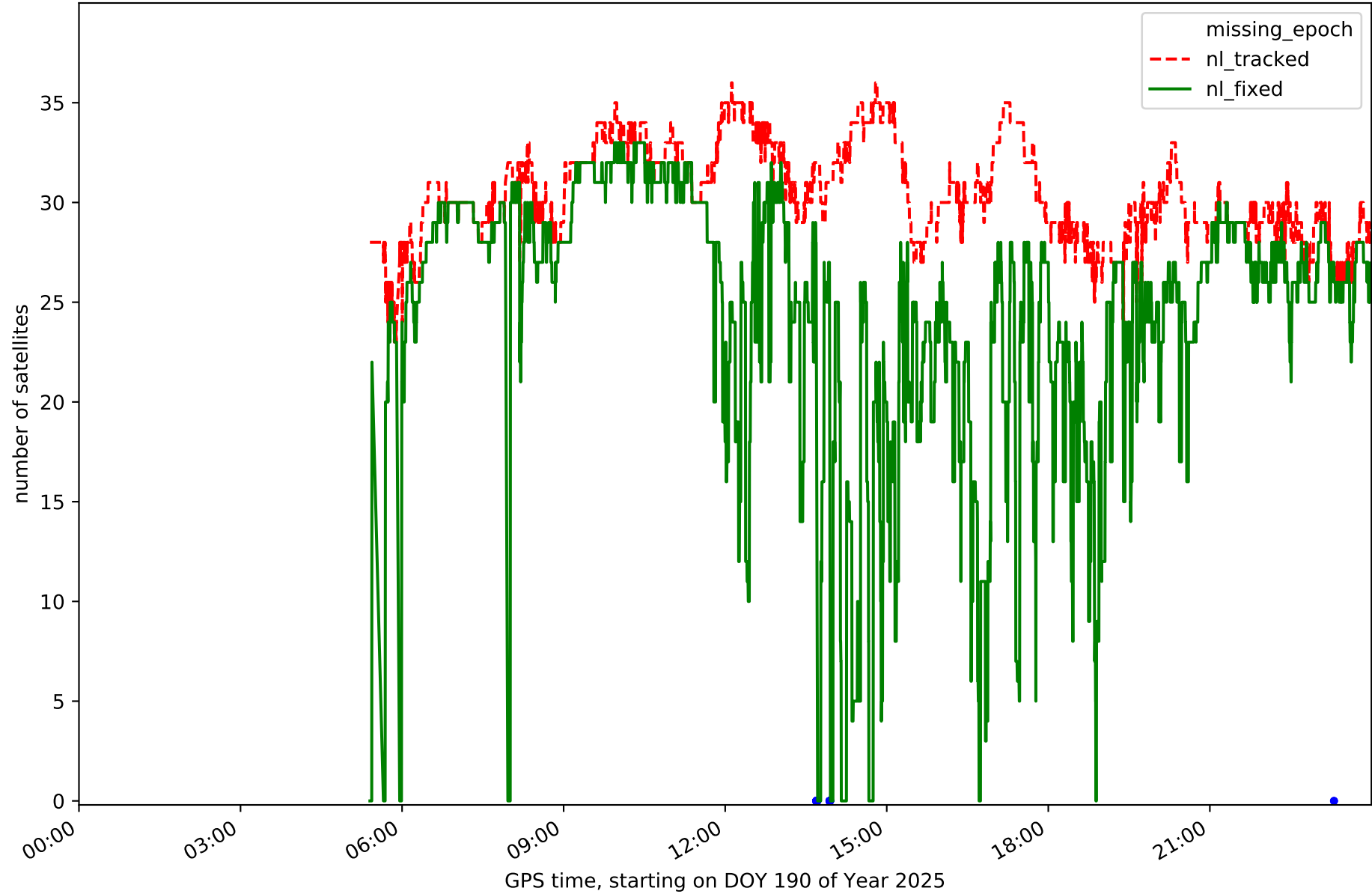
Station NVDA in network N01T



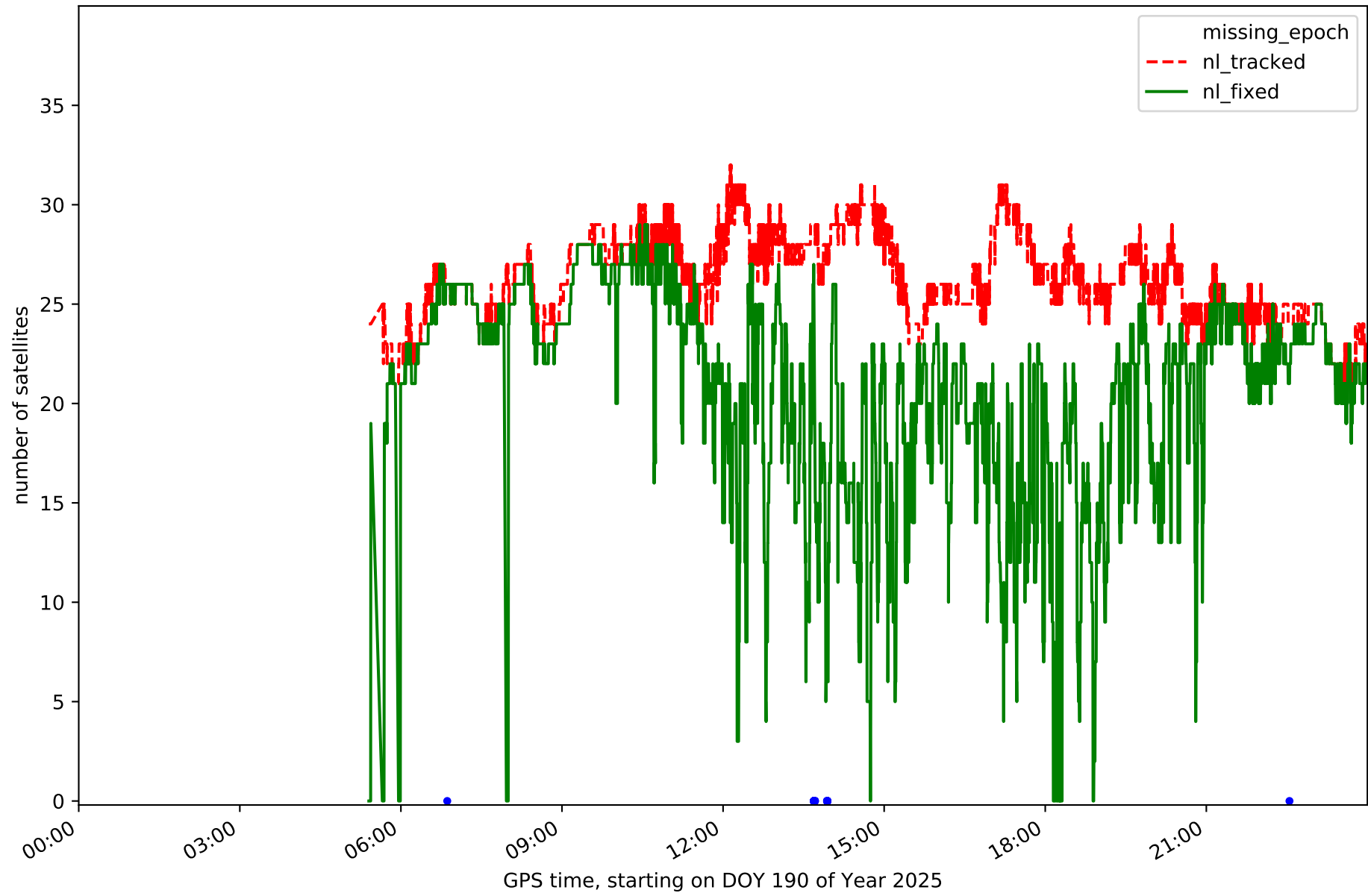
Station ORUS in network N01T



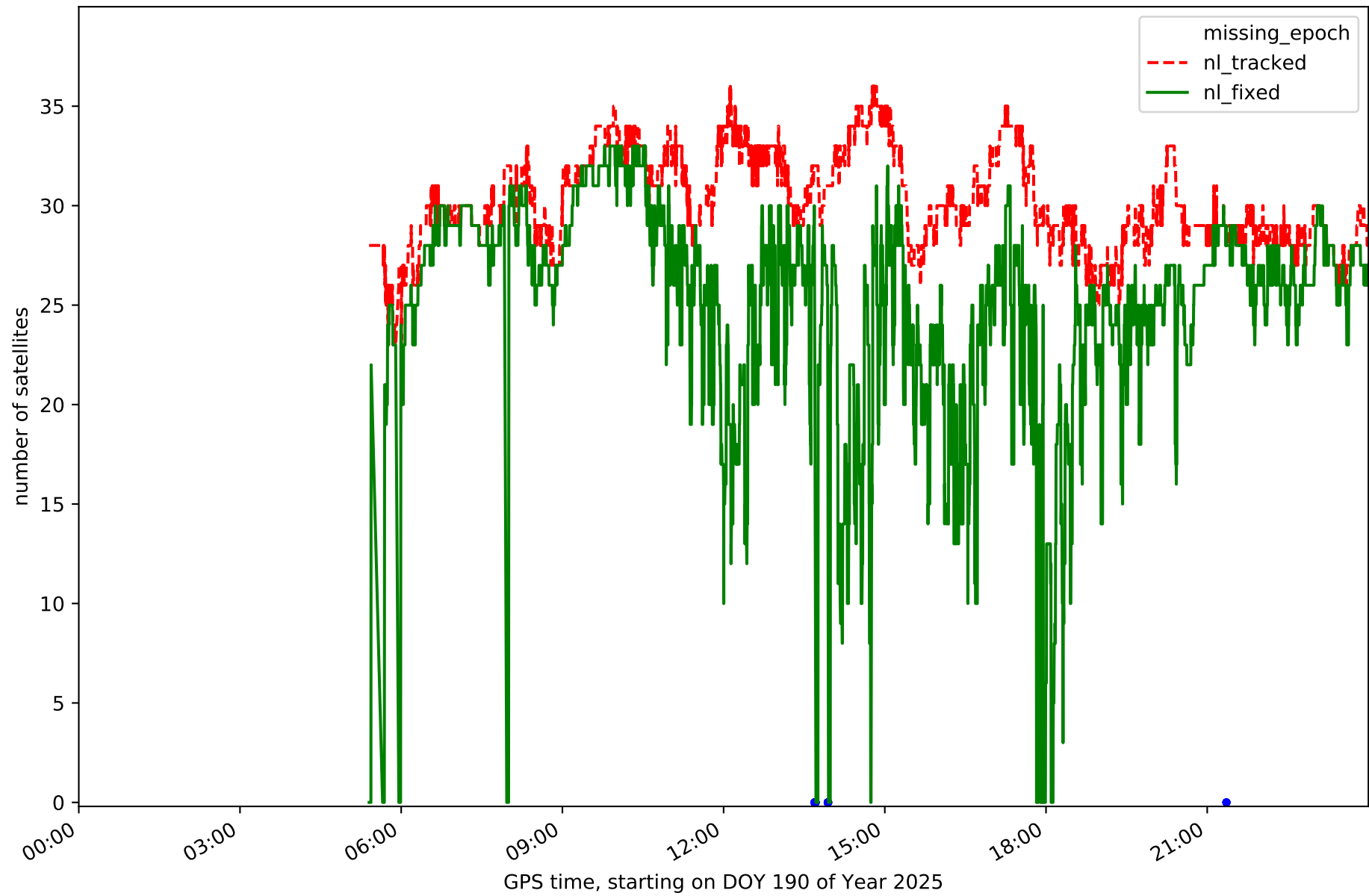
Station PEN1 in network N01T



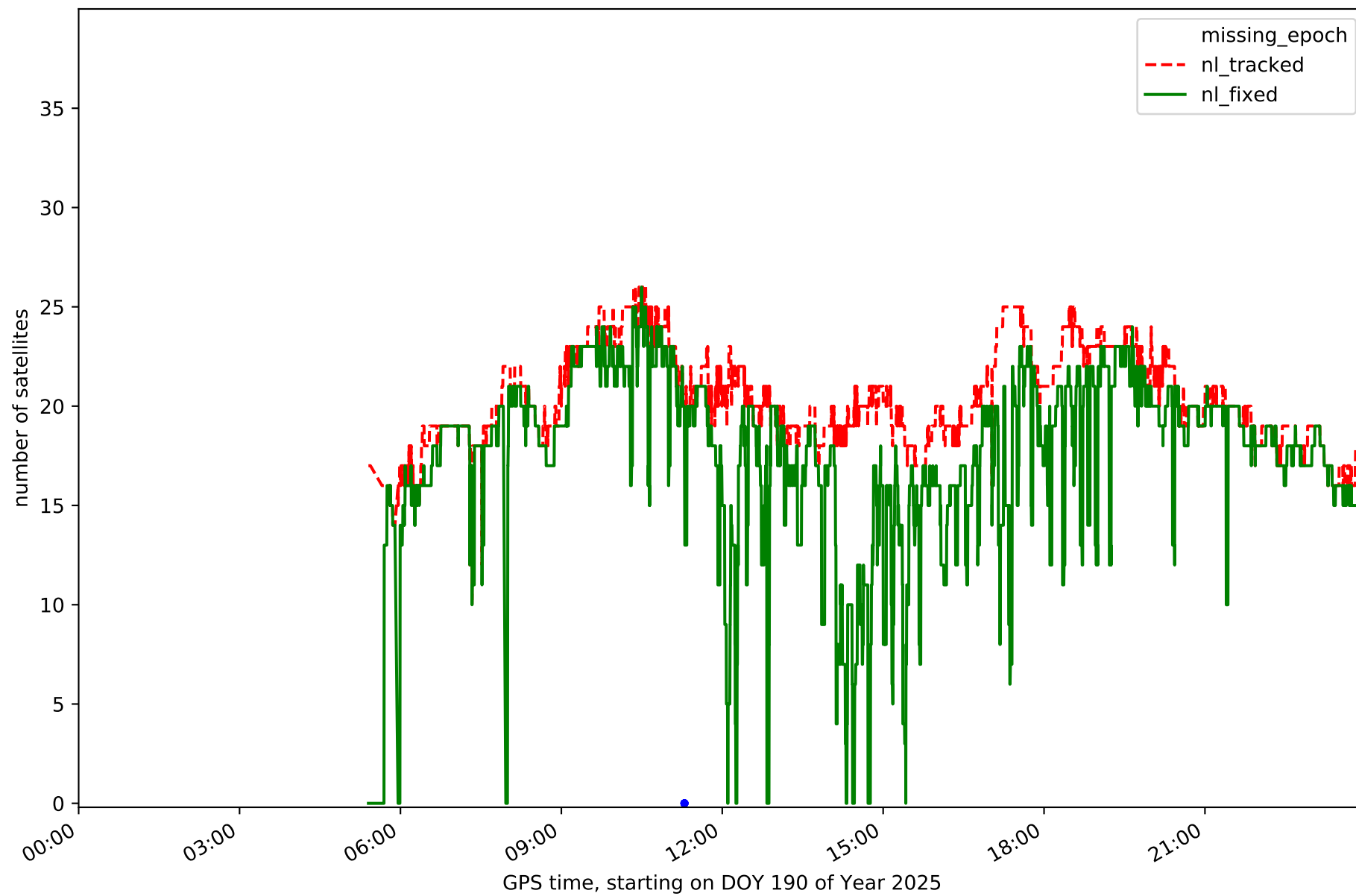
Station RIA1 in network N01T



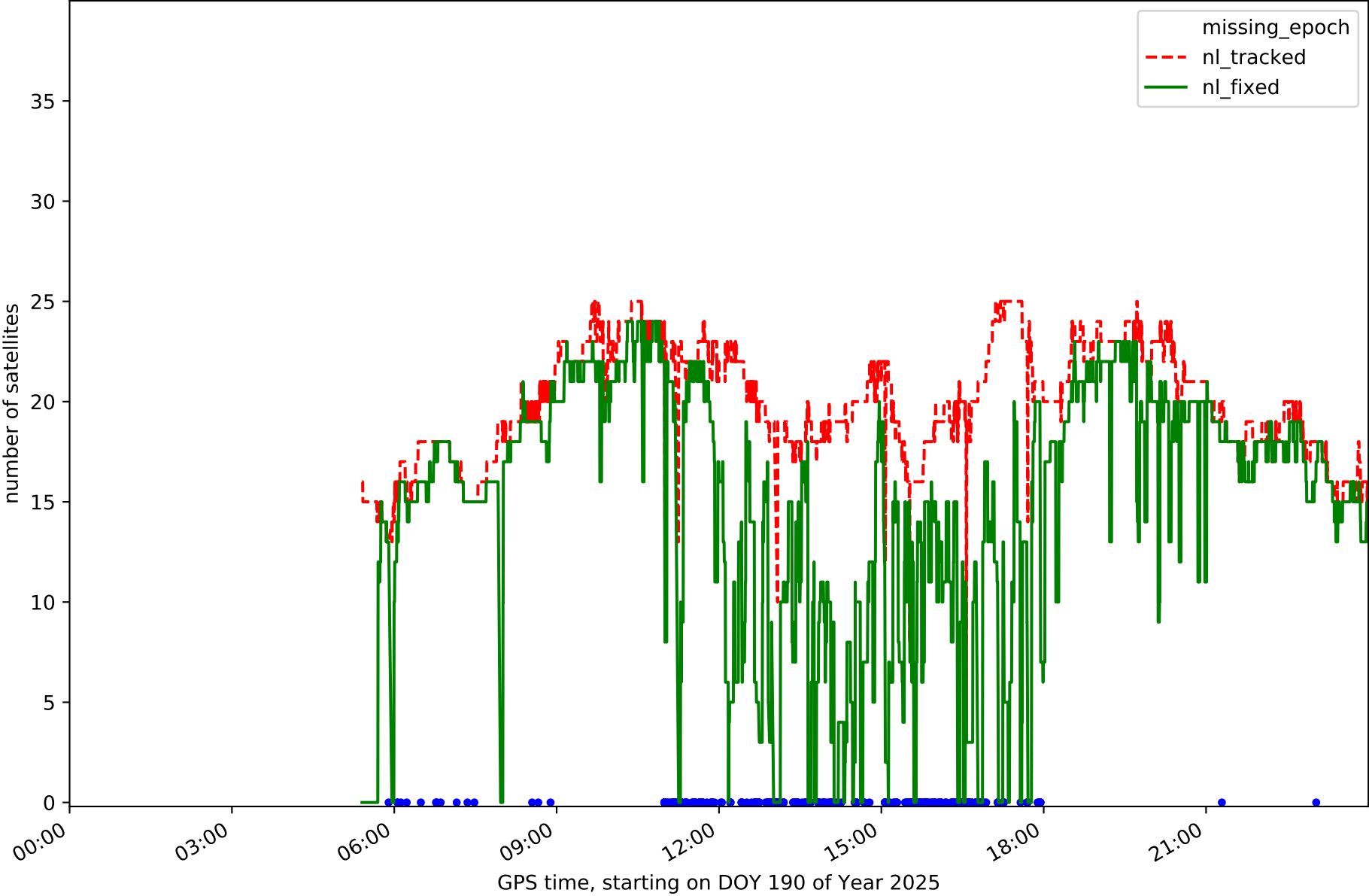
Station SGVA in network N01T



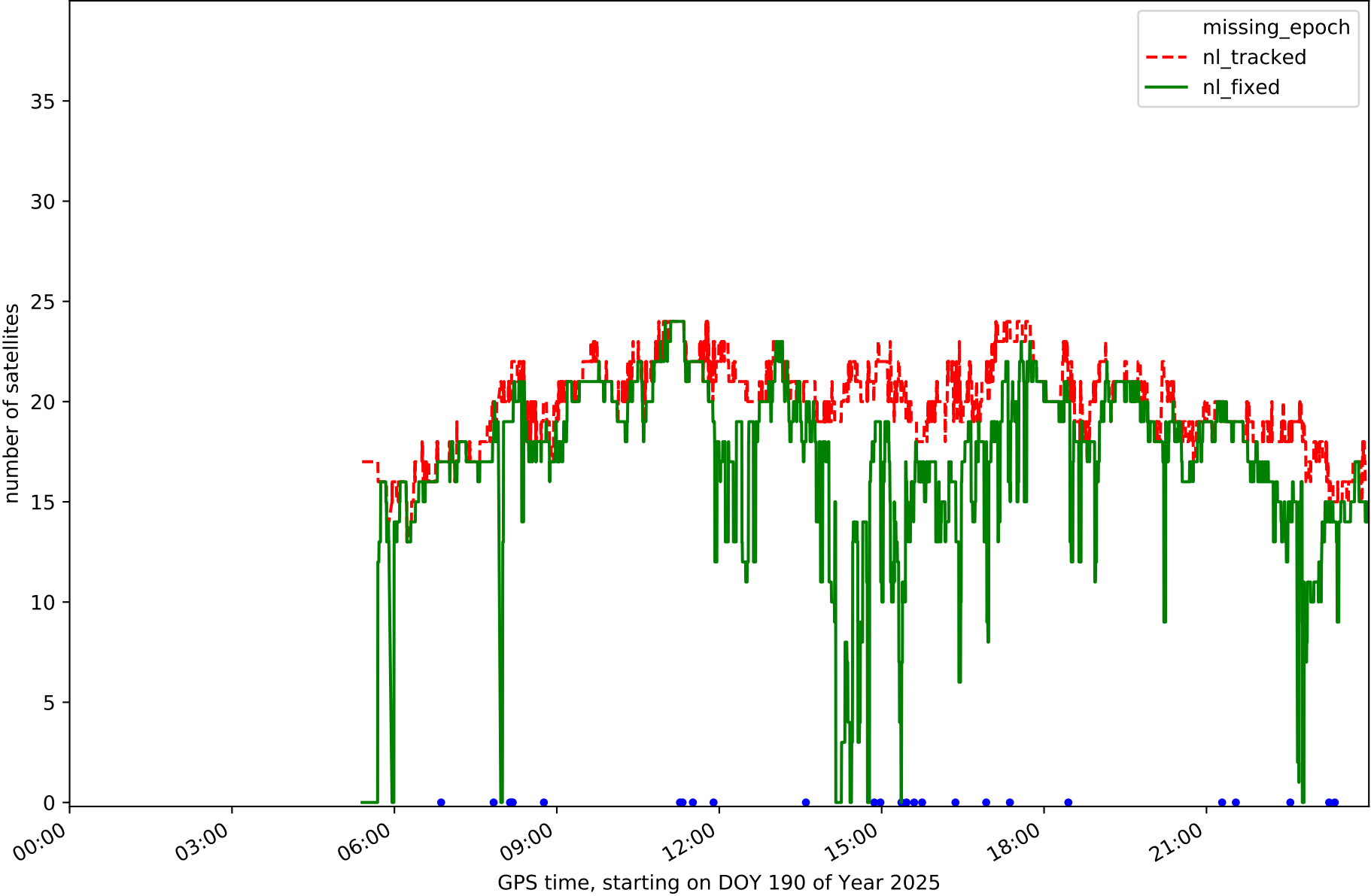
Station SMDV in network N01T



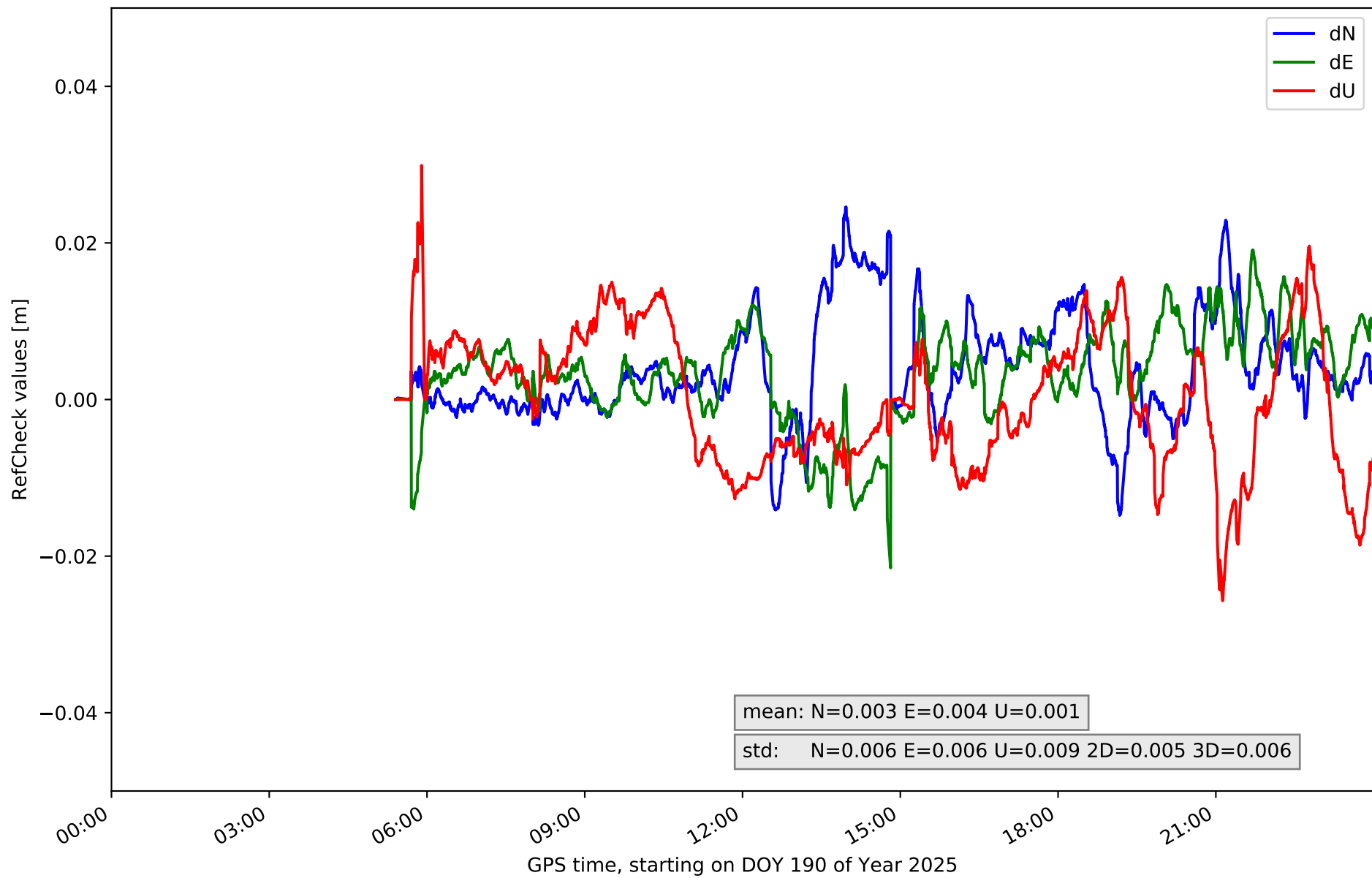
Station TALV in network N01T



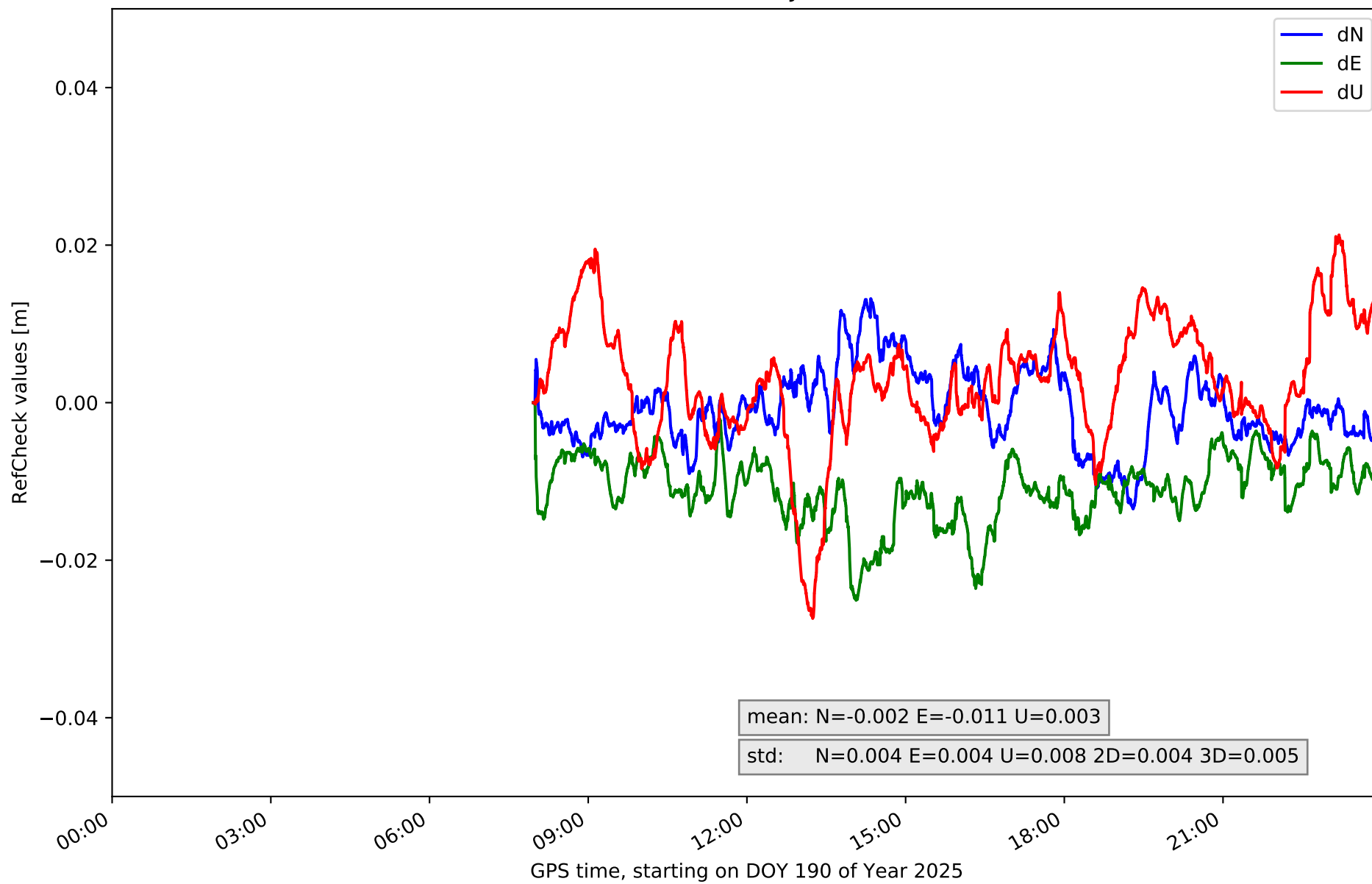
Station YEB1 in network N01T



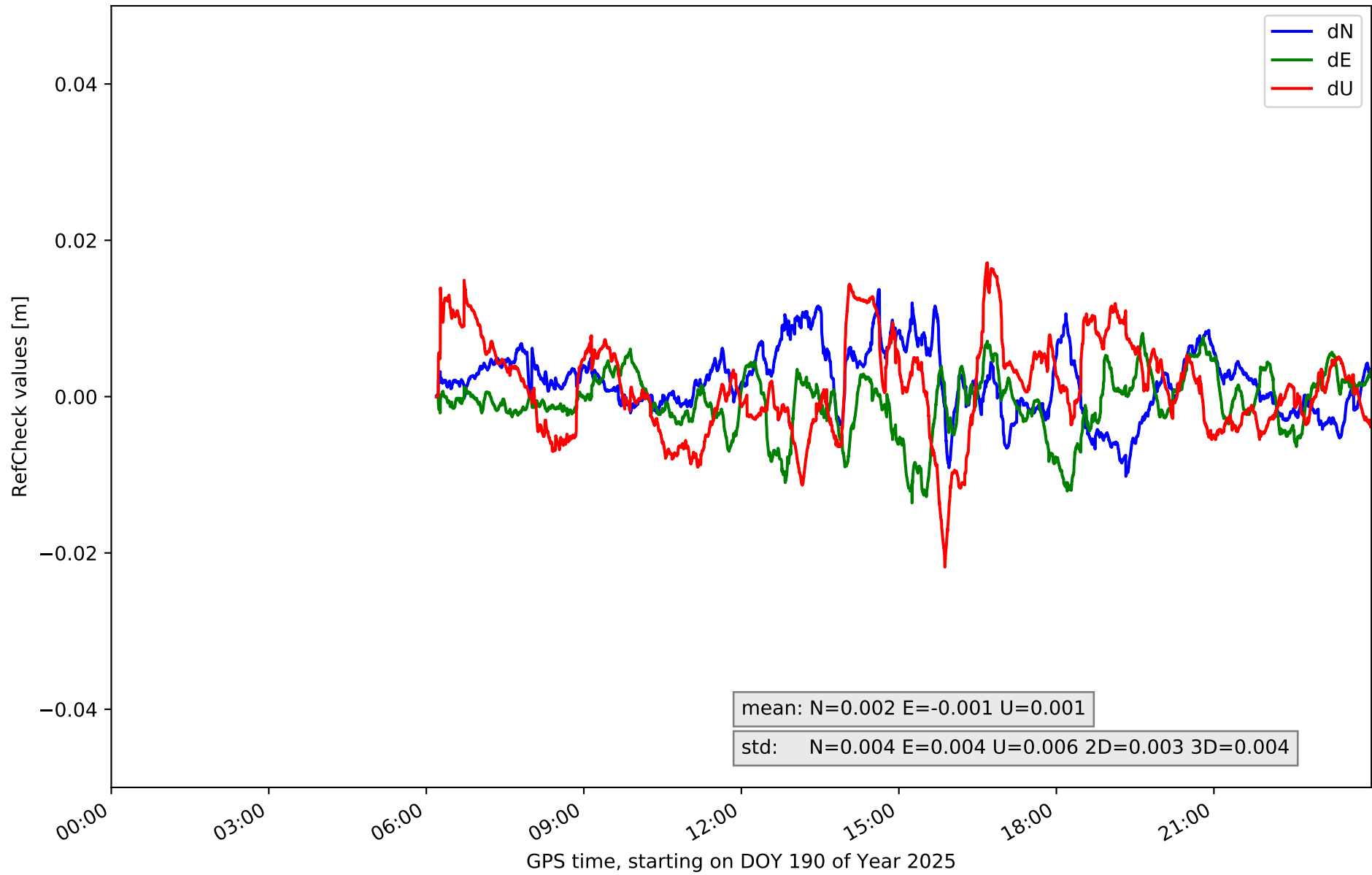
RefCheck for station ALMZ in network N01T



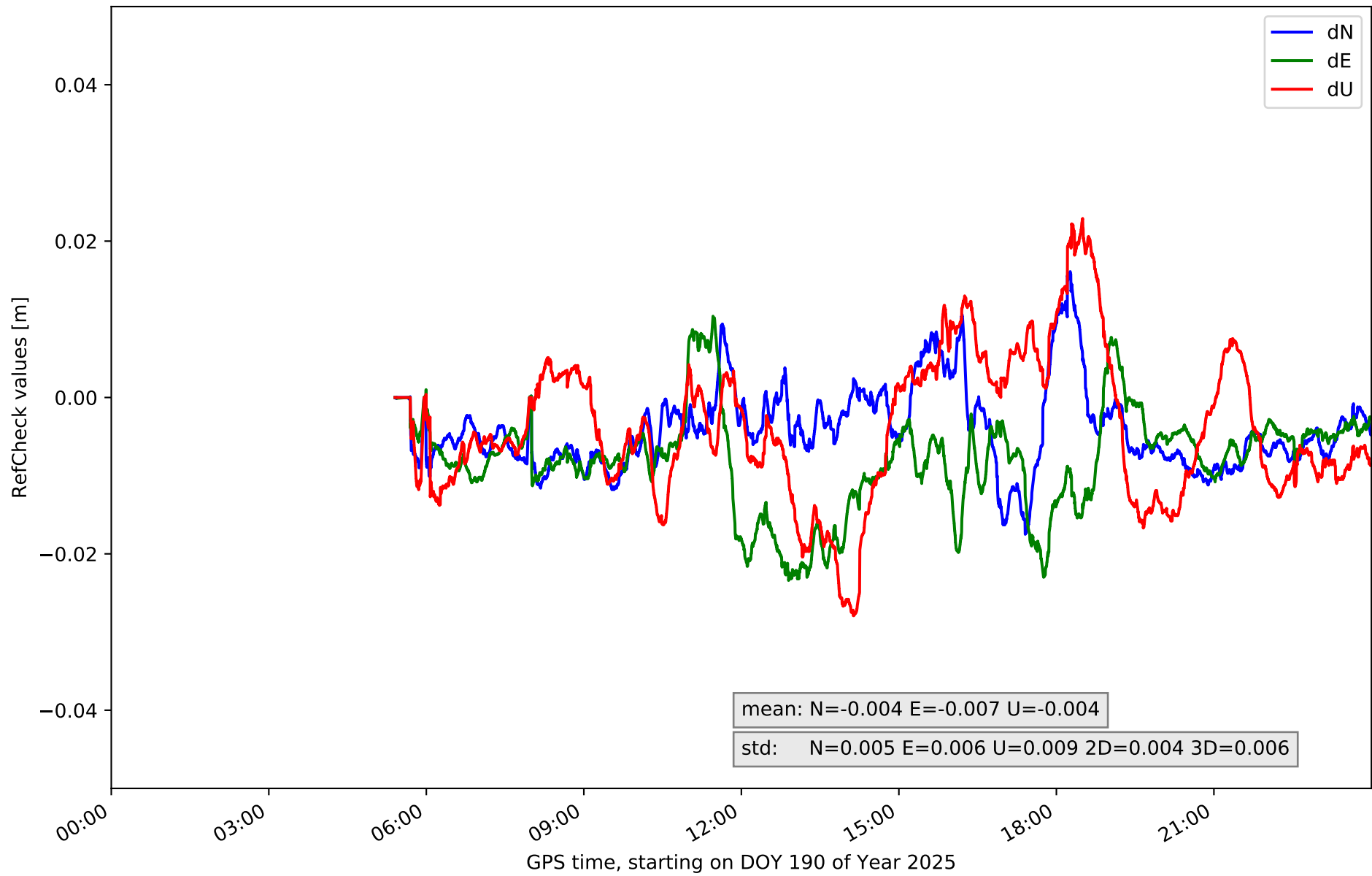
RefCheck for station ARAJ in network N01T



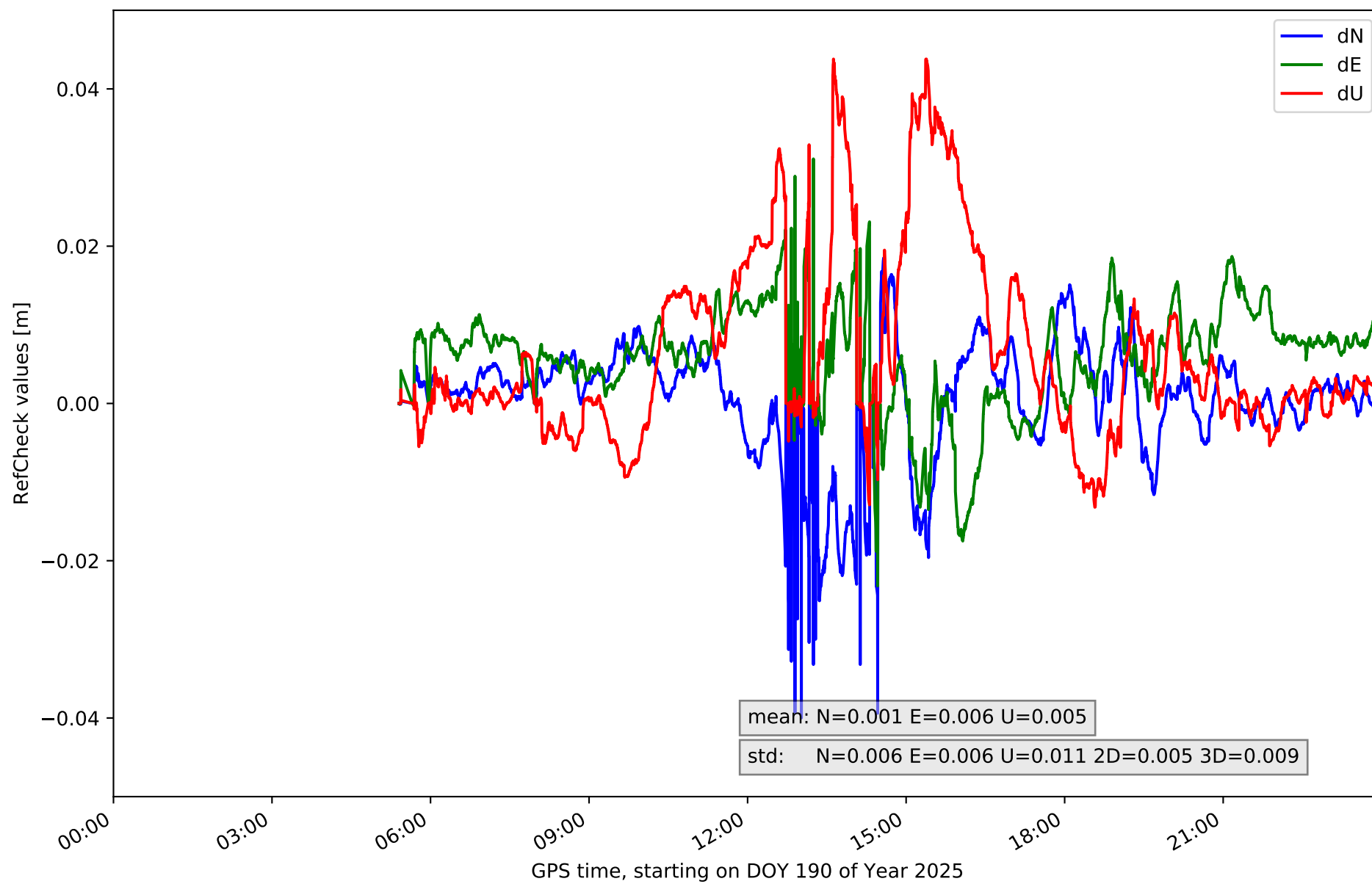
RefCheck for station ARSP in network N01T



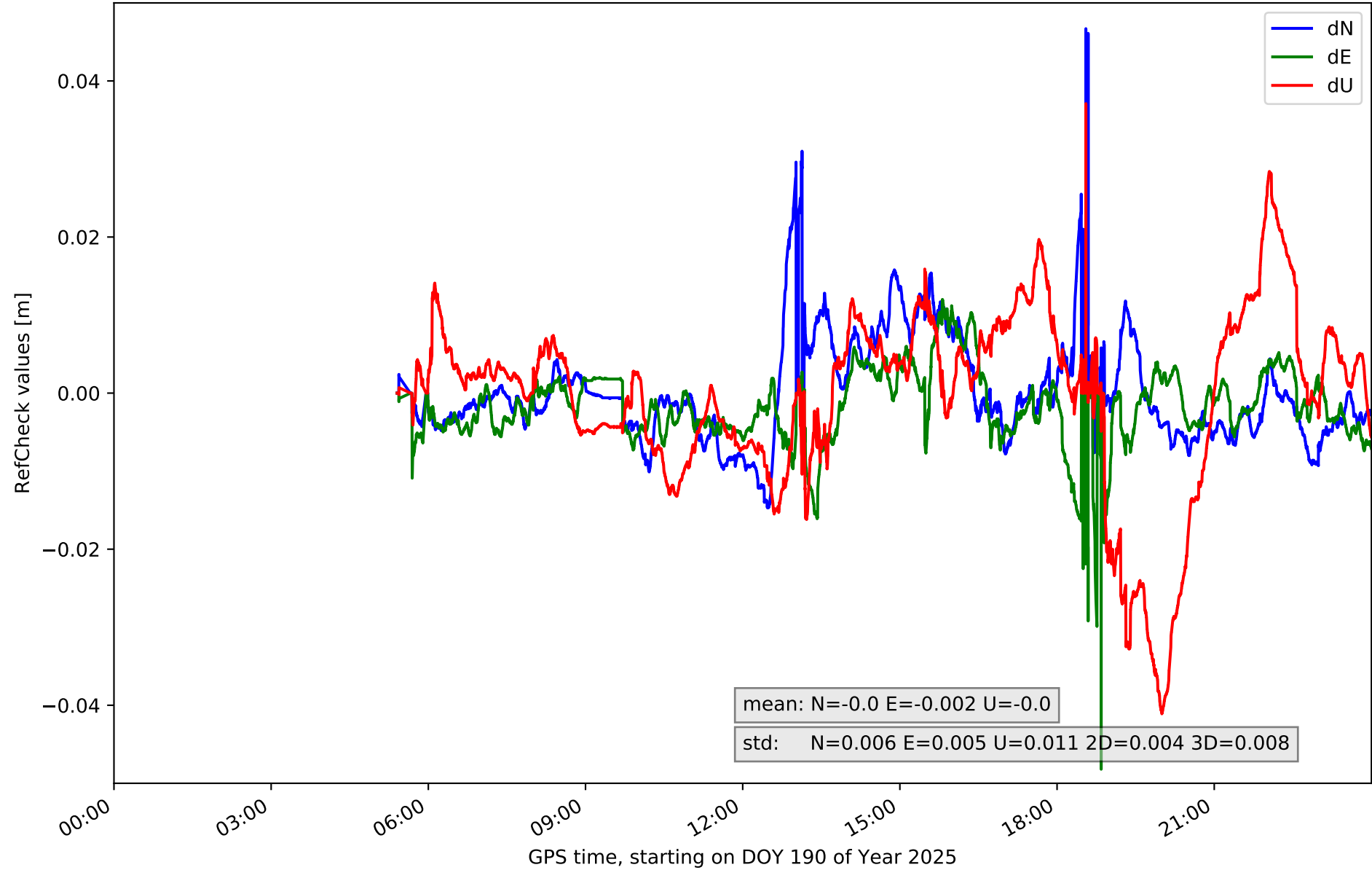
RefCheck for station AVI2 in network N01T



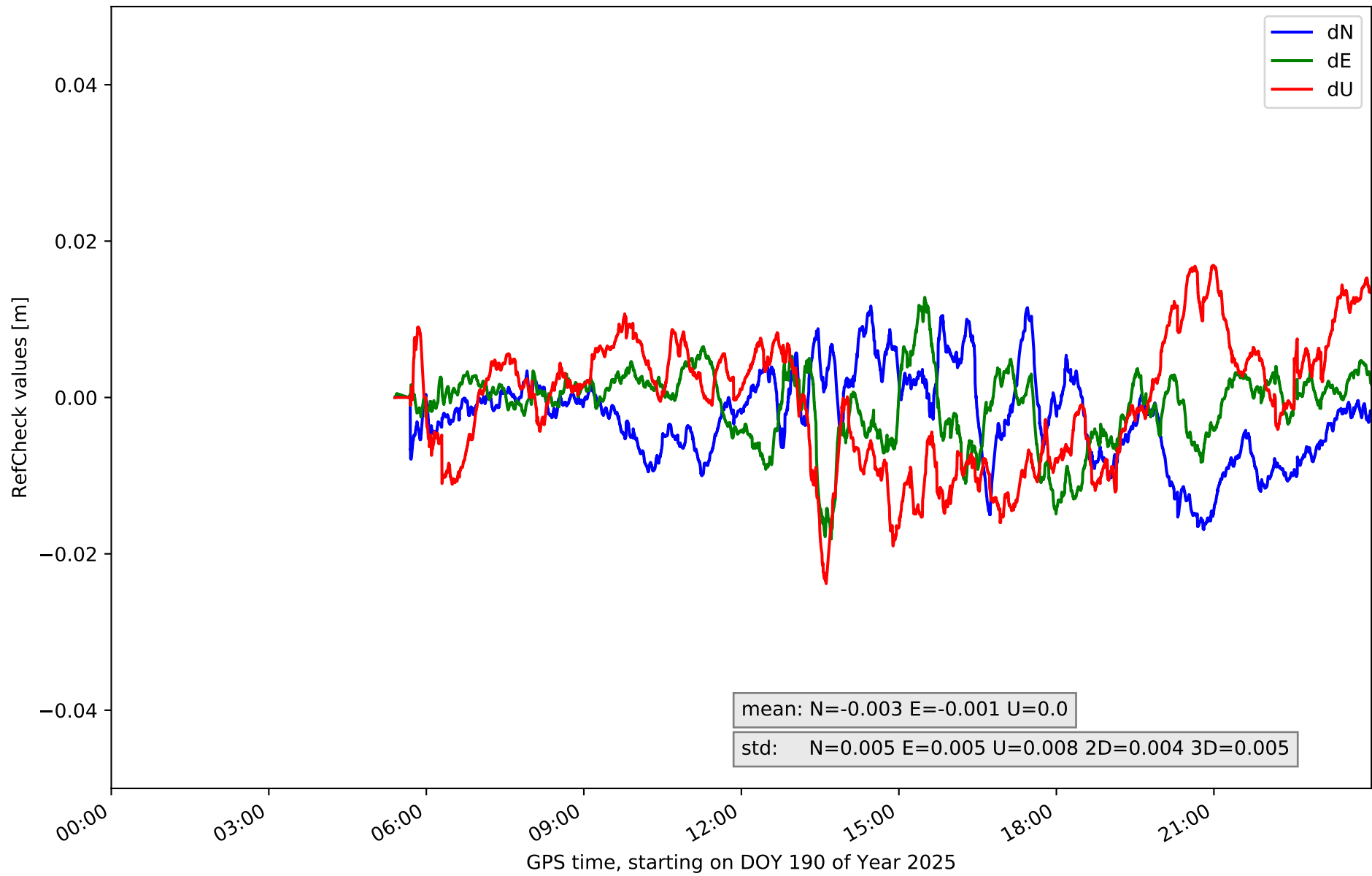
RefCheck for station BUIT in network N01T



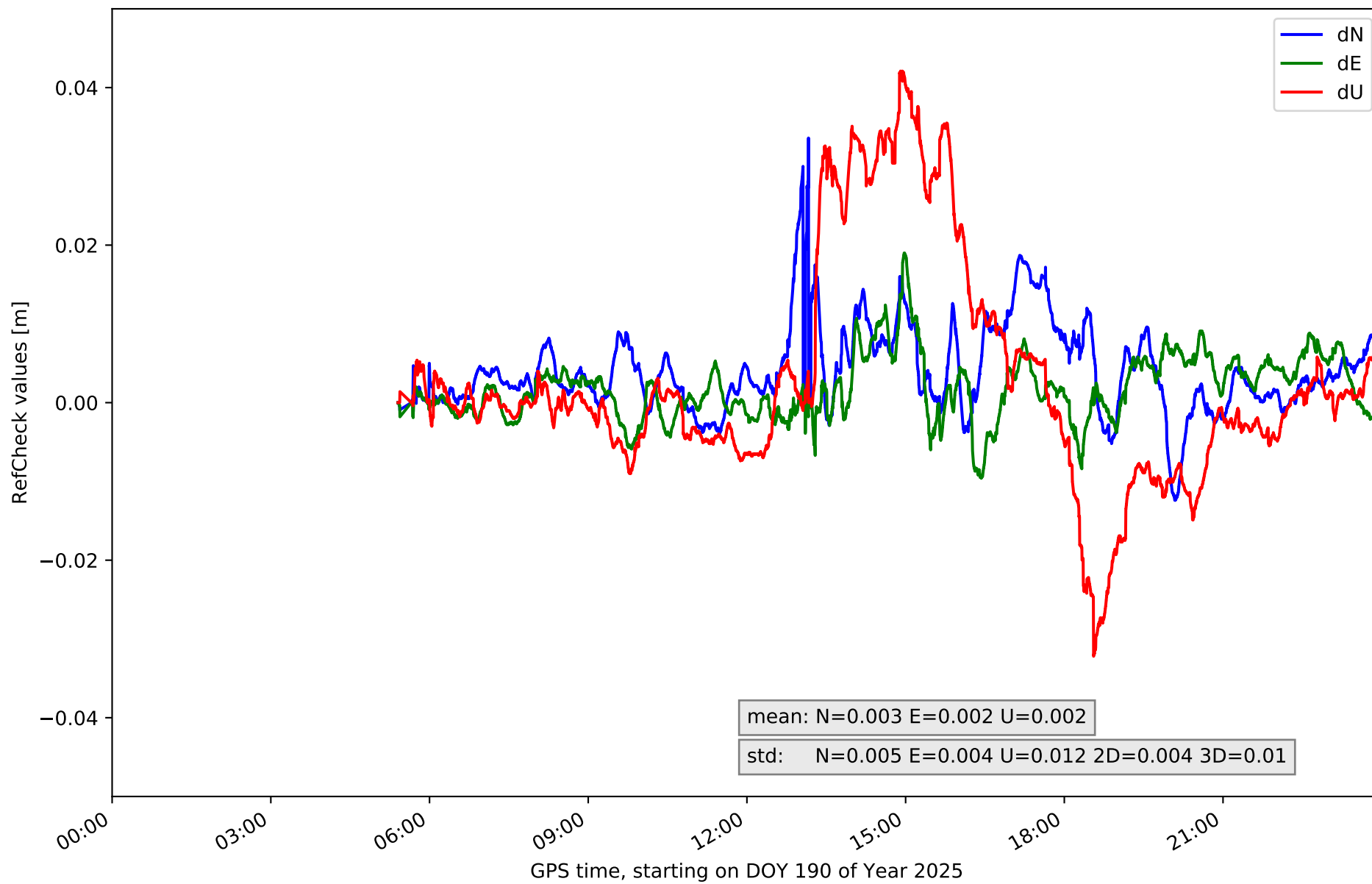
RefCheck for station GMSR in network N01T



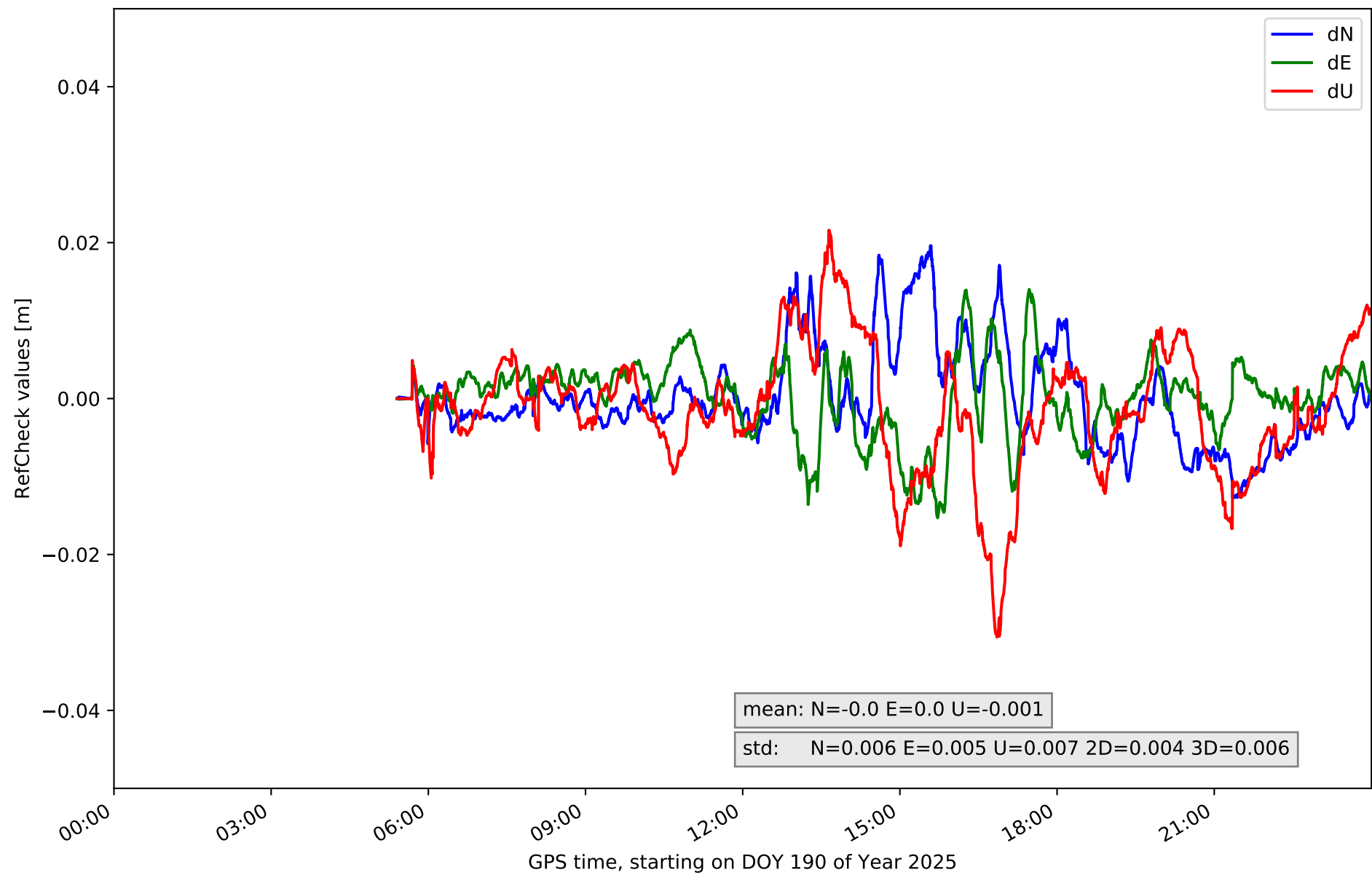
RefCheck for station IGNE in network N01T



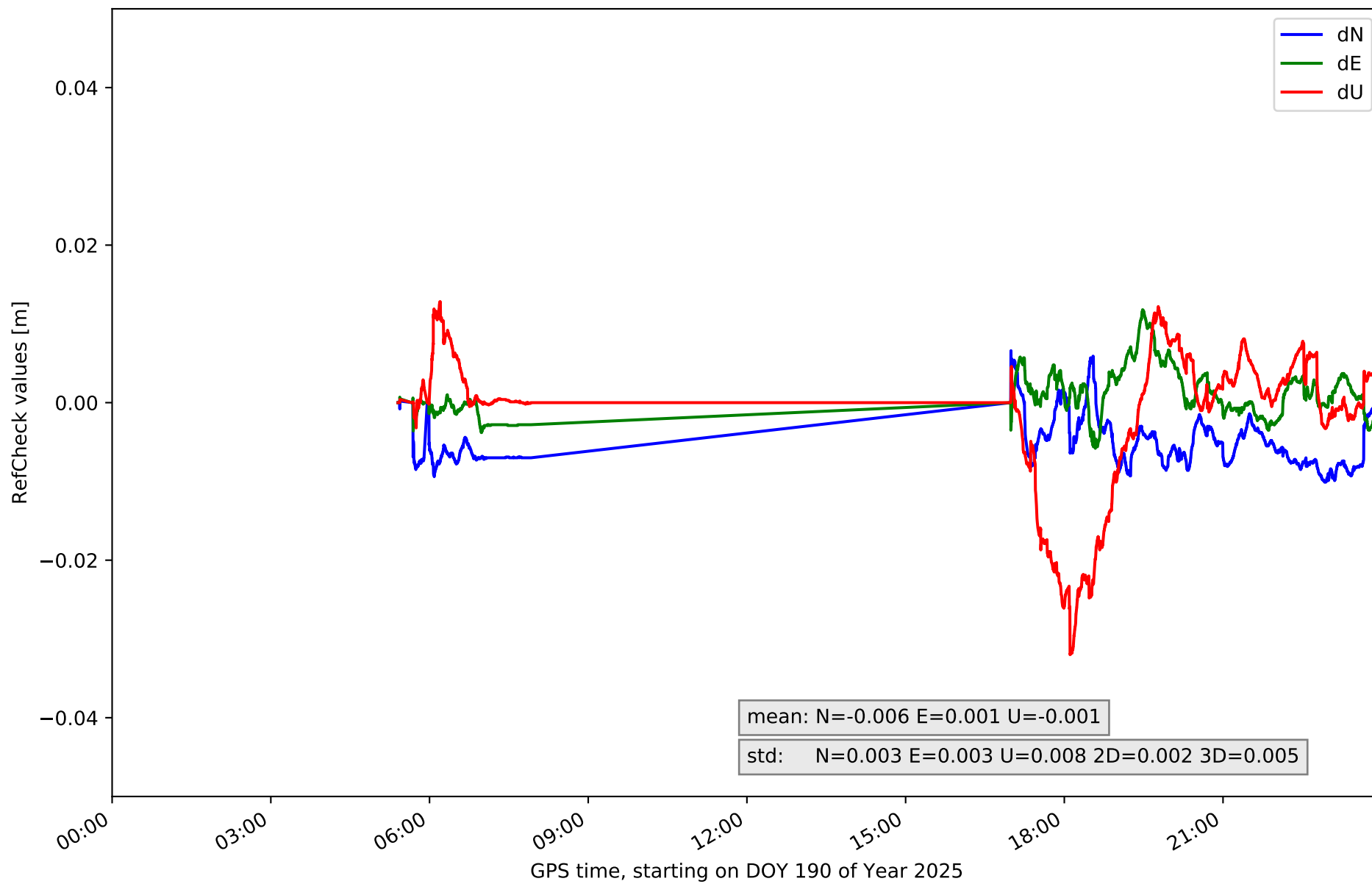
RefCheck for station OLM1 in network N01T



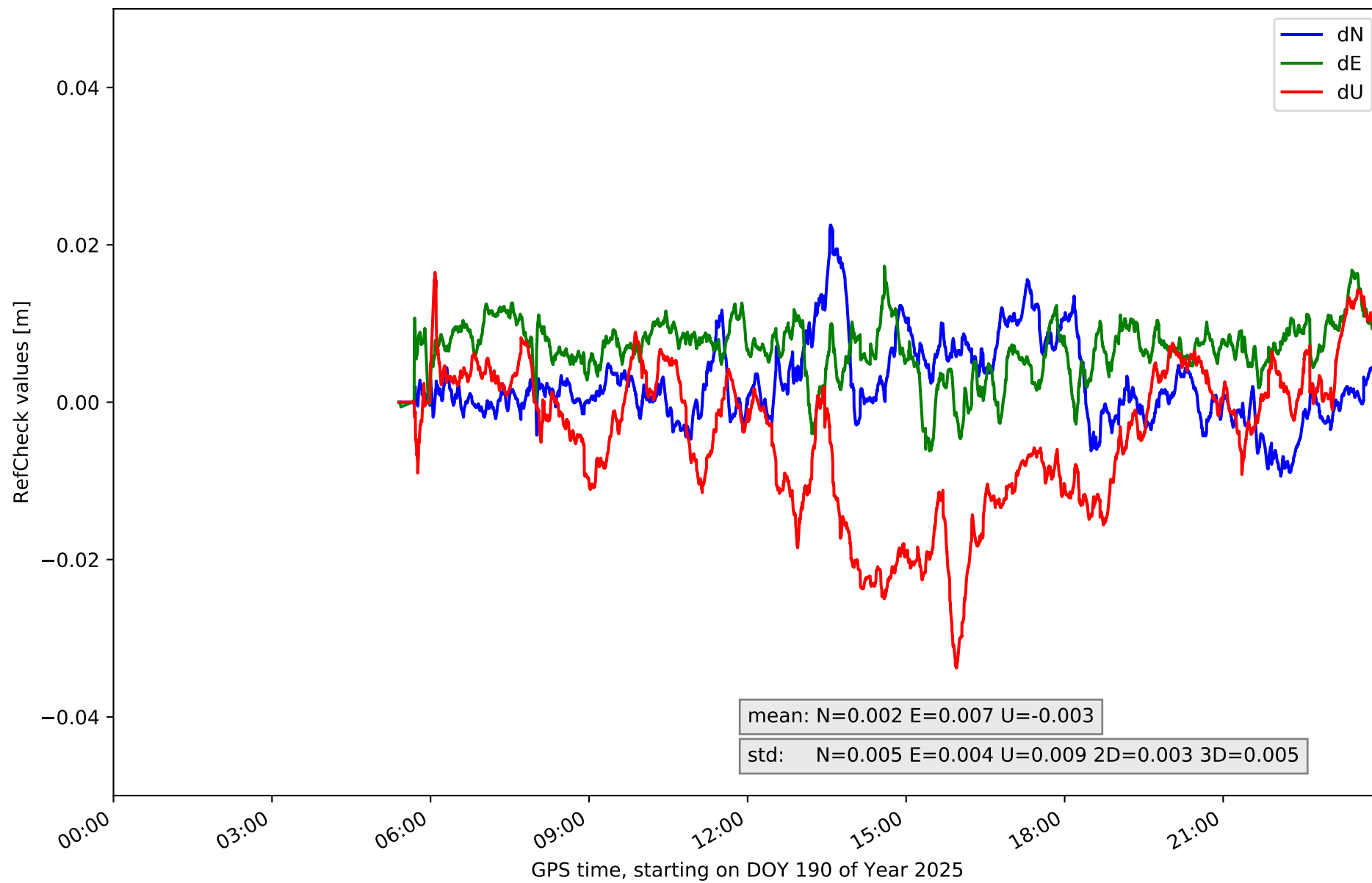
RefCheck for station MAD1 in network N01T



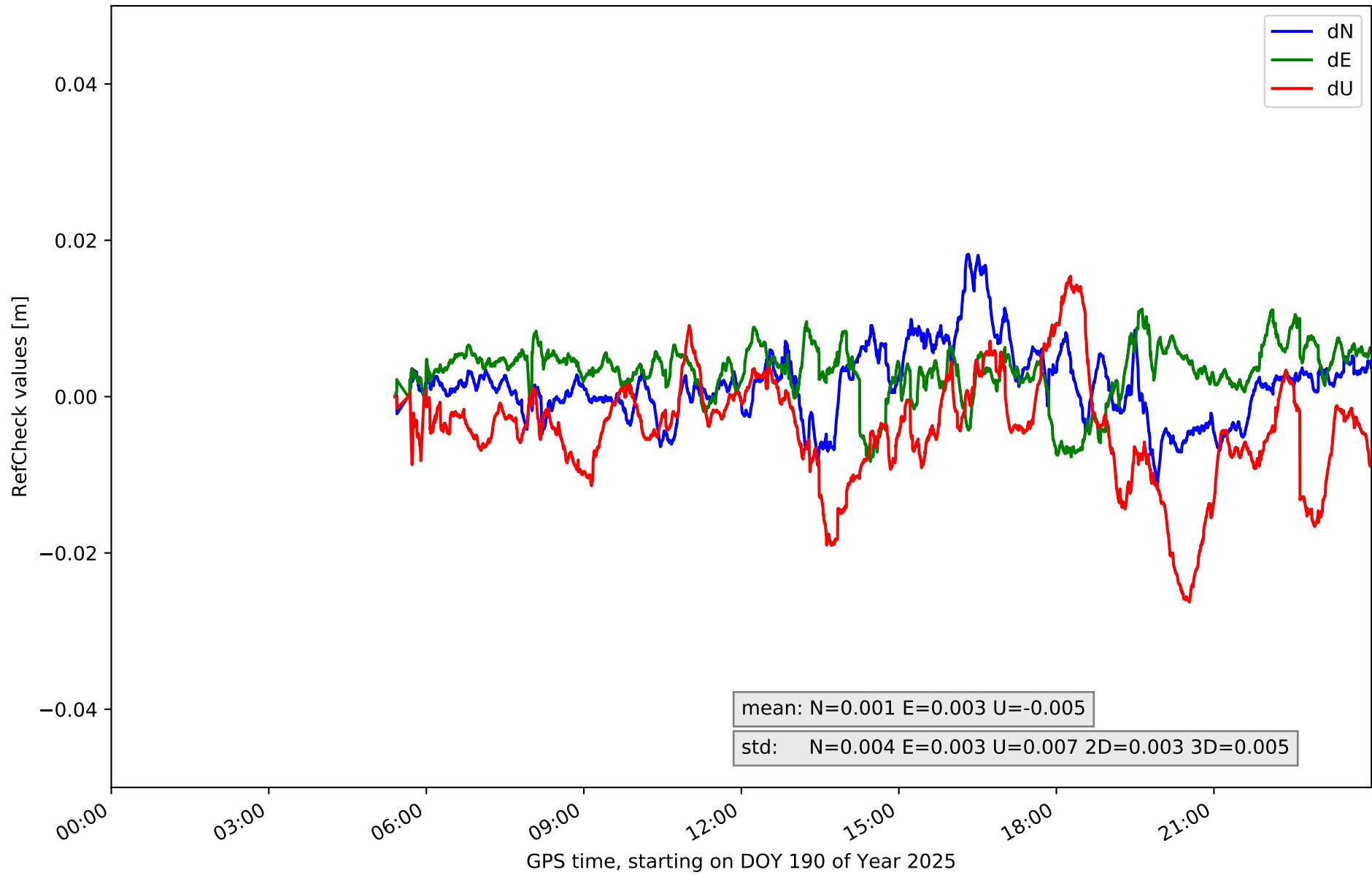
RefCheck for station NVDA in network N01T



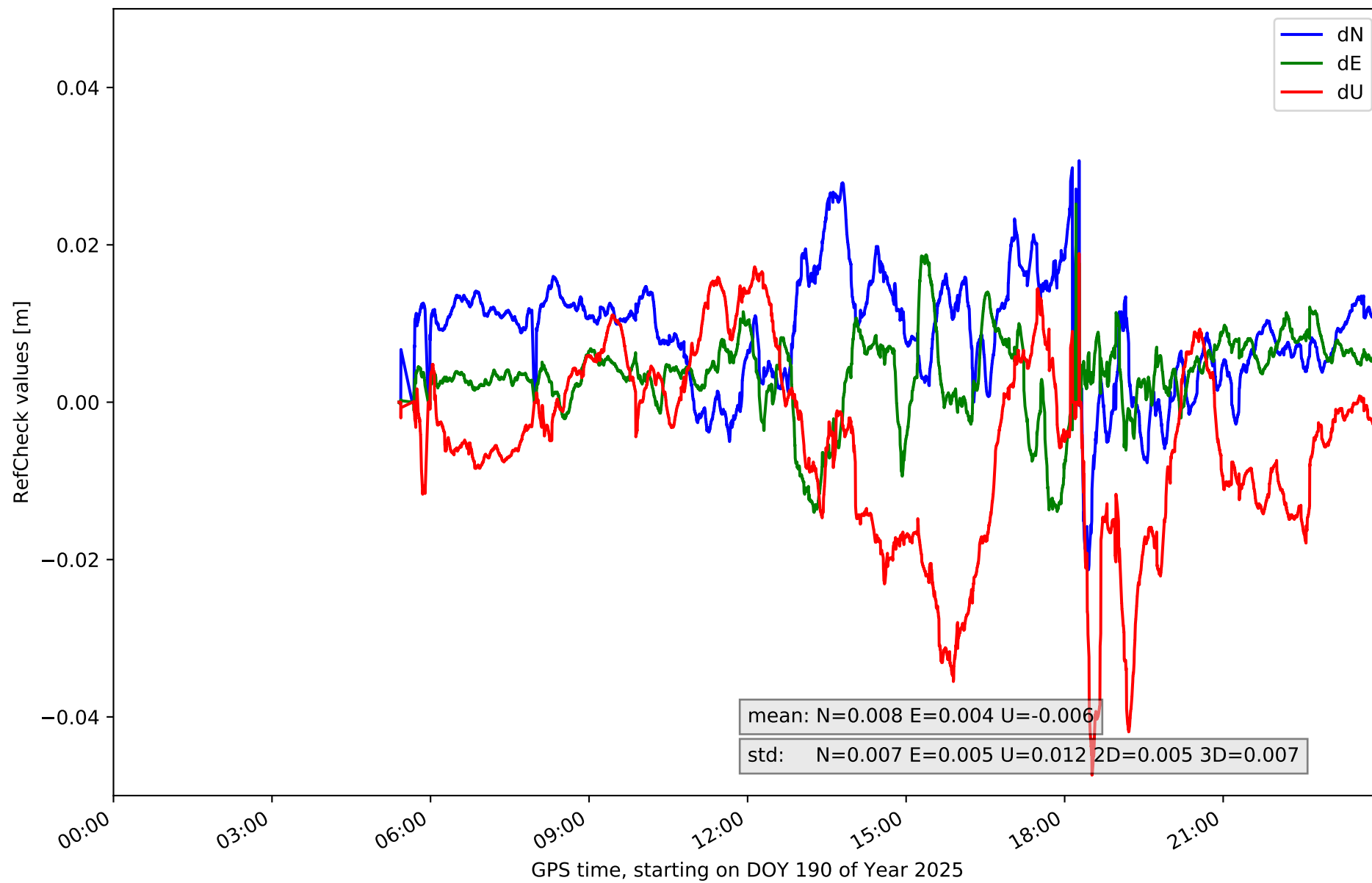
RefCheck for station ORUS in network N01T



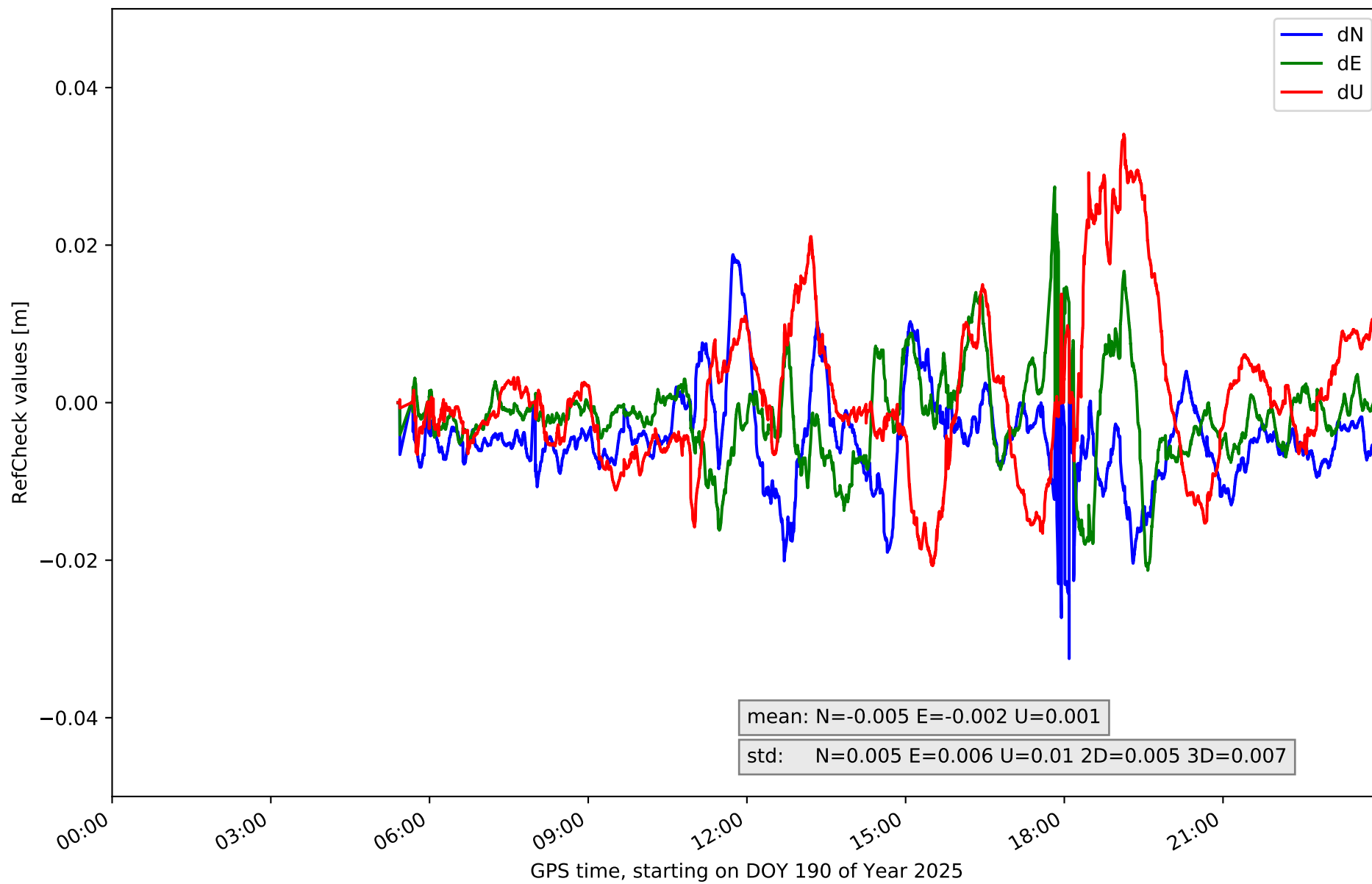
RefCheck for station PEN1 in network N01T



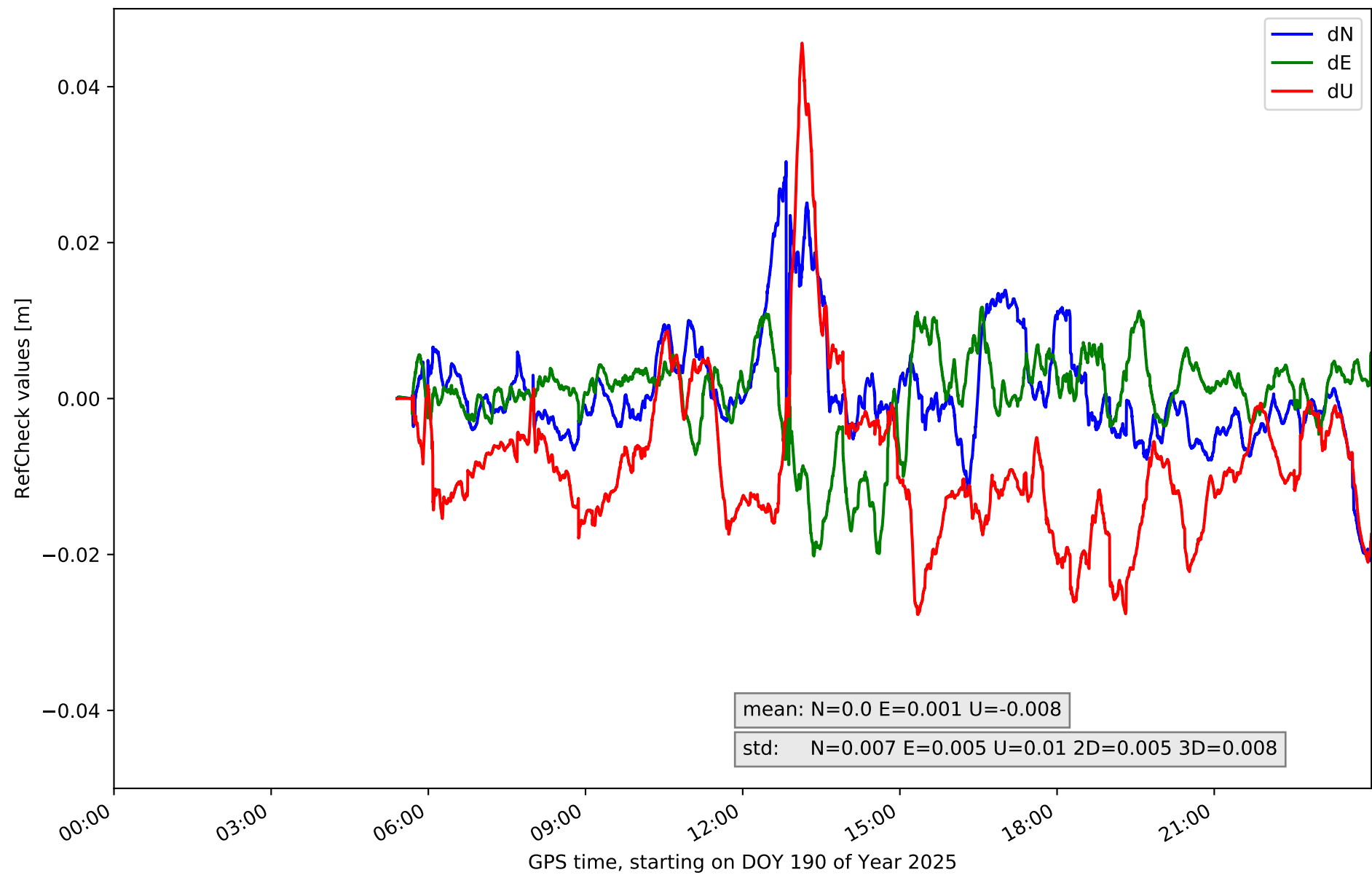
RefCheck for station RIA1 in network N01T



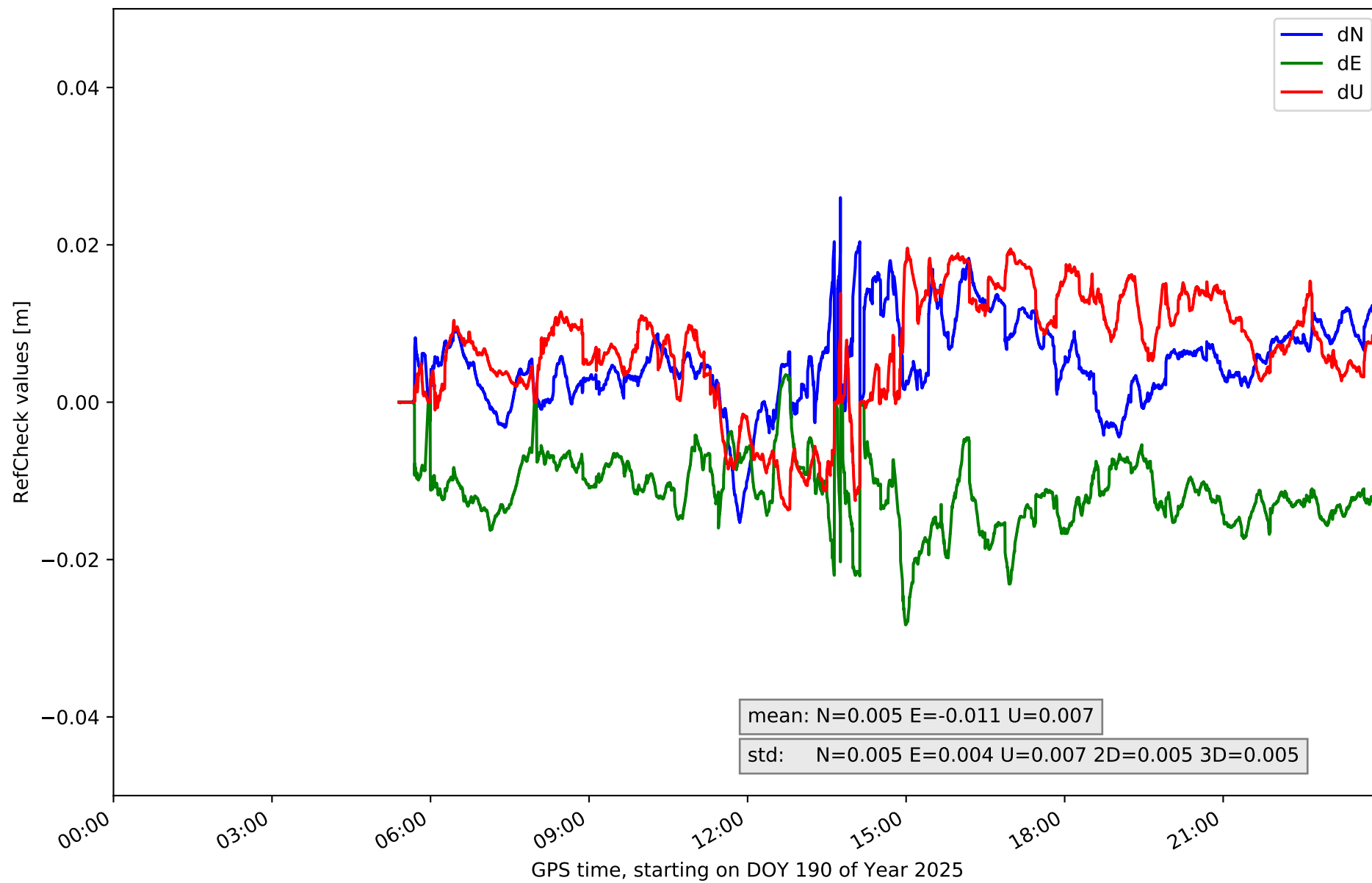
RefCheck for station SGVA in network N01T



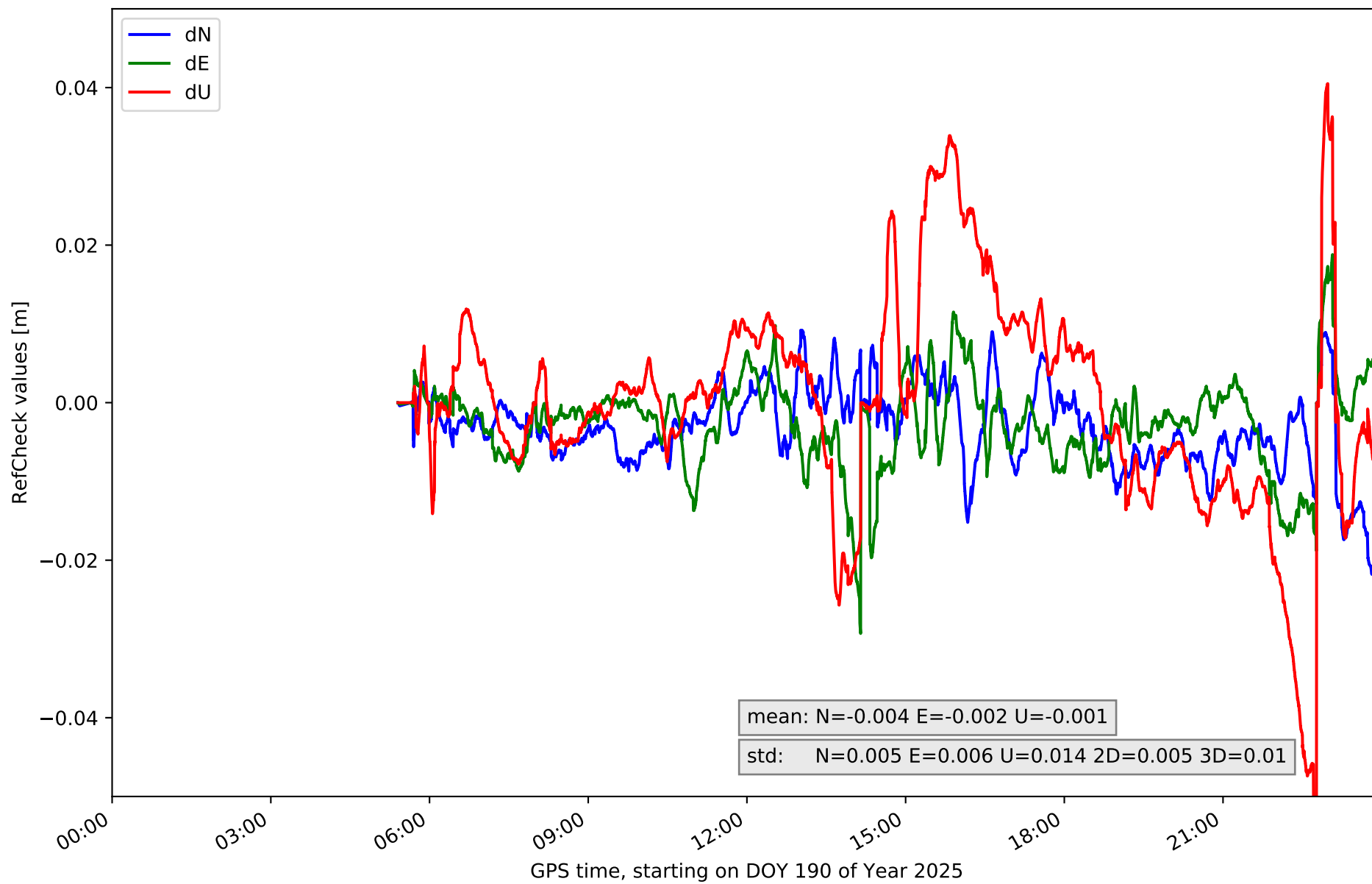
RefCheck for station SMDV in network N01T



RefCheck for station TALV in network N01T



RefCheck for station YEB1 in network N01T



# RefCheck values for network N01T

| Station | Nmin   | Nmax  | Nstd  | Emin   | Emax  | Estd  | Umin   | Umax  | Ustd  | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|------------|-------------|------------|-------------|
| ALMZ    | -0.015 | 0.025 | 0.006 | -0.021 | 0.019 | 0.006 | -0.026 | 0.03  | 0.009 | 0.005 | 0.006 | 8654       | 32.9        | 2568       | 9.8         |
| ARAJ    | -0.013 | 0.013 | 0.004 | -0.025 | -0.0  | 0.004 | -0.027 | 0.021 | 0.008 | 0.004 | 0.005 | 13815      | 62.5        | 2231       | 10.1        |
| ARSP    | -0.01  | 0.014 | 0.004 | -0.014 | 0.008 | 0.004 | -0.022 | 0.017 | 0.006 | 0.003 | 0.004 | 2170       | 8.6         | 63         | 0.2         |
| AVI2    | -0.018 | 0.016 | 0.005 | -0.023 | 0.01  | 0.006 | -0.028 | 0.023 | 0.009 | 0.004 | 0.006 | 12387      | 47.0        | 3456       | 13.1        |
| BUIT    | -0.04  | 0.018 | 0.006 | -0.023 | 0.031 | 0.006 | -0.013 | 0.044 | 0.011 | 0.005 | 0.009 | 9122       | 34.6        | 4088       | 15.5        |
| GMSR    | -0.015 | 0.047 | 0.006 | -0.048 | 0.012 | 0.005 | -0.041 | 0.037 | 0.011 | 0.004 | 0.008 | 4429       | 16.8        | 3362       | 12.8        |
| IGNE    | -0.017 | 0.012 | 0.005 | -0.018 | 0.013 | 0.005 | -0.024 | 0.017 | 0.008 | 0.004 | 0.005 | 5043       | 19.2        | 1299       | 4.9         |
| OLM1    | -0.012 | 0.034 | 0.005 | -0.01  | 0.019 | 0.004 | -0.032 | 0.042 | 0.012 | 0.004 | 0.01  | 3204       | 12.2        | 4317       | 16.4        |
| MAD1    | -0.013 | 0.02  | 0.006 | -0.015 | 0.014 | 0.005 | -0.031 | 0.022 | 0.007 | 0.004 | 0.006 | 4171       | 15.8        | 1526       | 5.8         |
| NVDA    | -0.01  | 0.007 | 0.003 | -0.006 | 0.012 | 0.003 | -0.032 | 0.013 | 0.008 | 0.002 | 0.005 | 606        | 4.1         | 1041       | 7.1         |
| ORUS    | -0.009 | 0.022 | 0.005 | -0.006 | 0.017 | 0.004 | -0.034 | 0.017 | 0.009 | 0.003 | 0.005 | 8808       | 33.5        | 2810       | 10.7        |
| PEN1    | -0.011 | 0.018 | 0.004 | -0.008 | 0.011 | 0.003 | -0.026 | 0.015 | 0.007 | 0.003 | 0.005 | 1830       | 7.0         | 862        | 3.3         |
| RIA1    | -0.021 | 0.031 | 0.007 | -0.014 | 0.025 | 0.005 | -0.047 | 0.019 | 0.012 | 0.005 | 0.007 | 16961      | 64.4        | 5729       | 21.8        |
| SGVA    | -0.033 | 0.019 | 0.005 | -0.021 | 0.027 | 0.006 | -0.021 | 0.034 | 0.01  | 0.005 | 0.007 | 6493       | 24.7        | 2671       | 10.1        |
| SMDV    | -0.021 | 0.03  | 0.007 | -0.02  | 0.012 | 0.005 | -0.028 | 0.046 | 0.01  | 0.005 | 0.008 | 4875       | 18.5        | 4887       | 18.6        |
| TALV    | -0.015 | 0.026 | 0.005 | -0.028 | 0.004 | 0.004 | -0.014 | 0.02  | 0.007 | 0.005 | 0.005 | 19728      | 74.9        | 4269       | 16.2        |
| YEB1    | -0.022 | 0.009 | 0.005 | -0.029 | 0.019 | 0.006 | -0.06  | 0.041 | 0.014 | 0.005 | 0.01  | 5663       | 21.5        | 5257       | 20.0        |
| Mean    | -0.017 | 0.021 | 0.005 | -0.019 | 0.015 | 0.005 | -0.03  | 0.027 | 0.009 | 0.004 | 0.007 | 7527.0     | 29.3        | 2966.8     | 11.6        |
| Min/Max | -0.04  | 0.047 | 0.007 | -0.048 | 0.031 | 0.006 | -0.06  | 0.046 | 0.014 | 0.005 | 0.01  | 19728      | 74.9        | 5729       | 21.8        |

## fixing statistic for network N01T

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 90.2     | 93.7 | 89.4 | 94.2 | 83.0 |
| considering satellites with dual-frequency fixed | 84.3     | 86.8 | 81.6 | 87.3 | 79.4 |
| considering all signals separately               | 84.7     | 87.0 | 81.6 | 87.4 | 78.4 |