

## summary for network NET1

timeperiod chosen: from 2025-06-08-00:00:00 until 2025-06-08-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.9 seconds

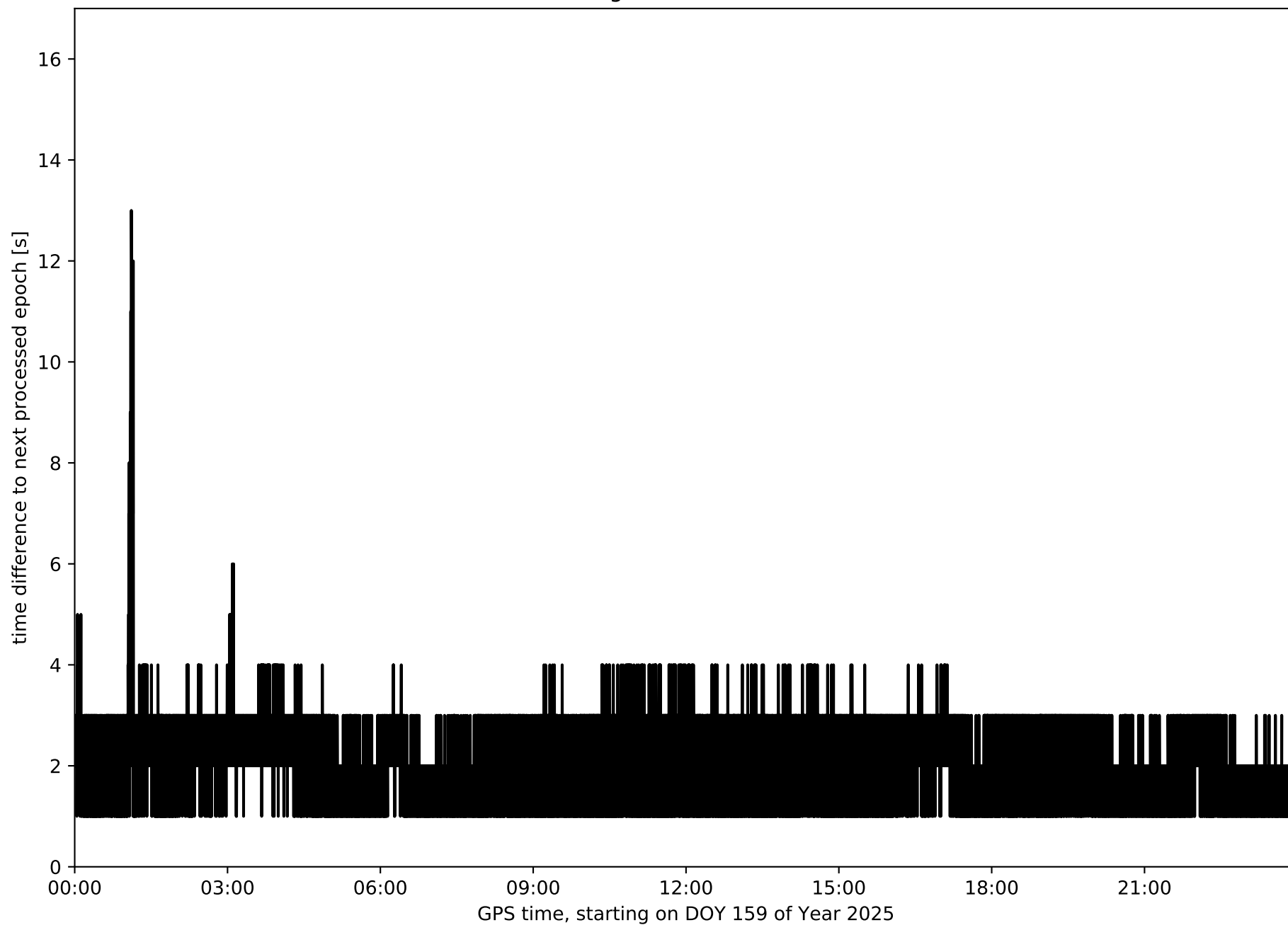
average fixing percentage with threshold set to 0.3: 89.9 percent

stations available: 17 of 17

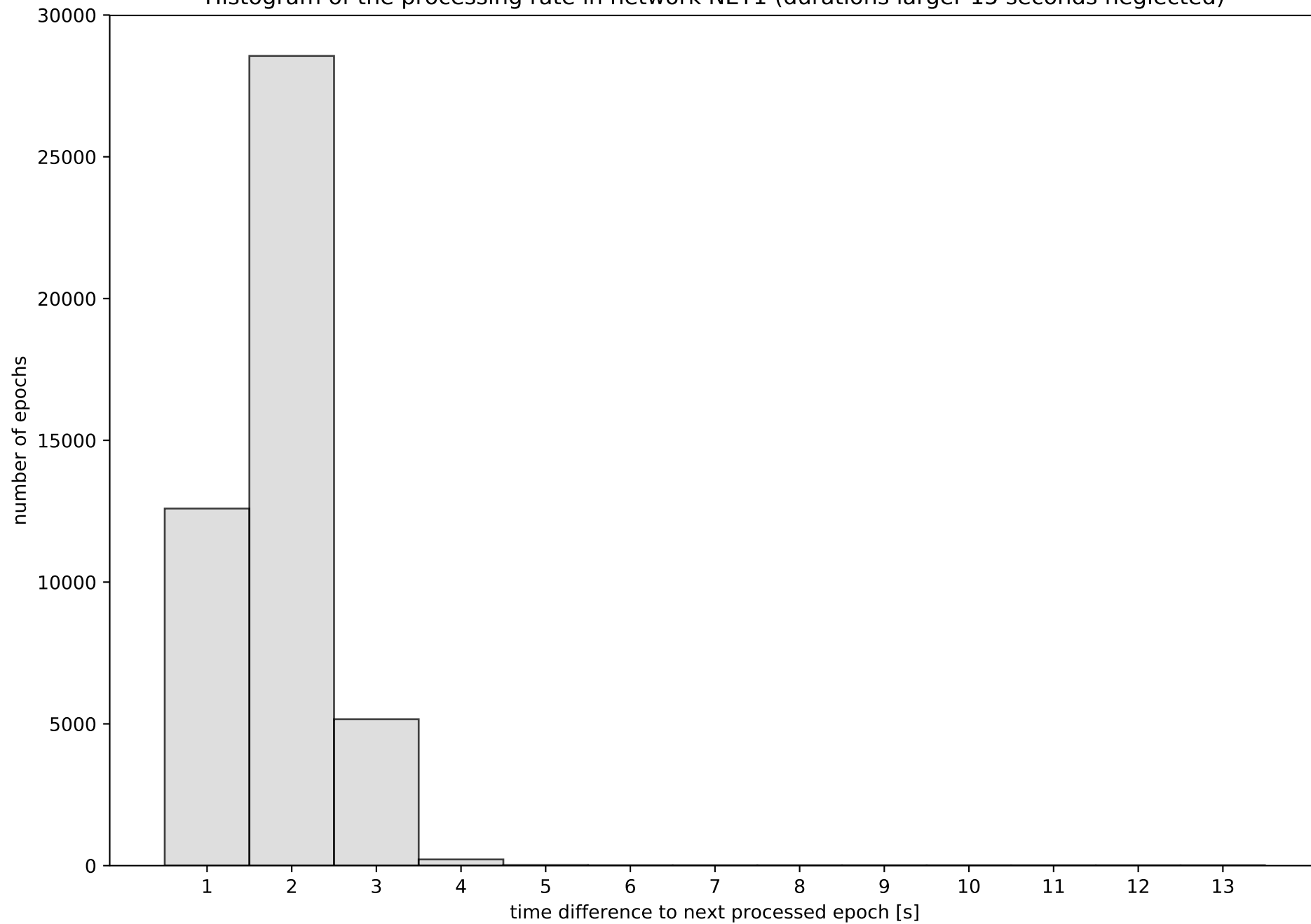
station information:

|               |                              |                         |                  |
|---------------|------------------------------|-------------------------|------------------|
| station AJAL: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50    | height: 884.142  |
| 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 MAD1: | antenna: LEIAR20 LEIM        | receiver: LEICA GR50    | height: 724.483  |
| station NVDA: | antenna: GPPNULLANTENNA NONE | receiver: TRIMBLE R750  | height: 933.478  |
| station OLM1: | antenna: TRM59900.00 SCIS    | receiver: TRIMBLE NETR9 | height: 829.129  |
| 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  |

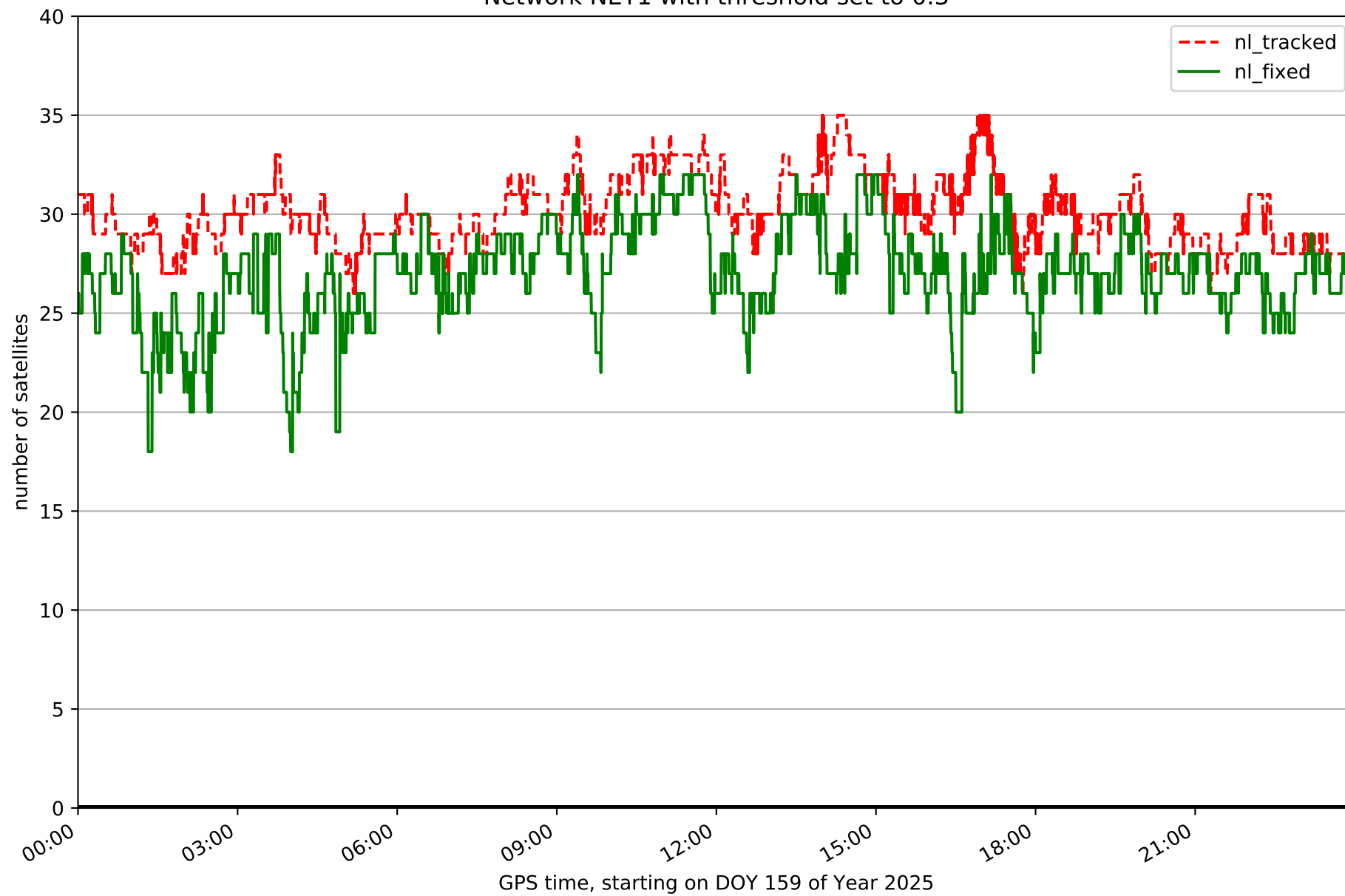
Processing rate in network NET1



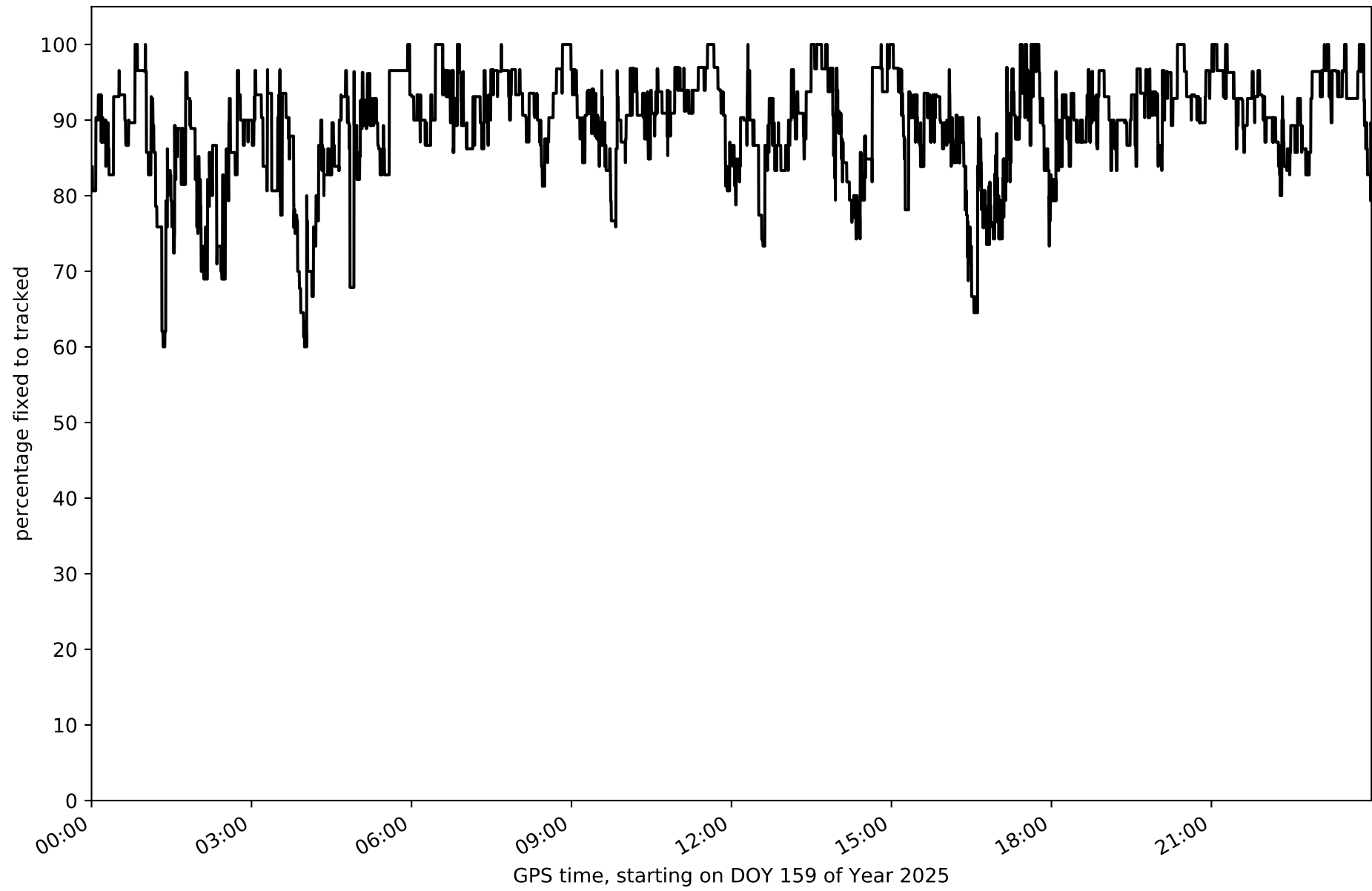
Histogram of the processing rate in network NET1 (durations larger 15 seconds neglected)



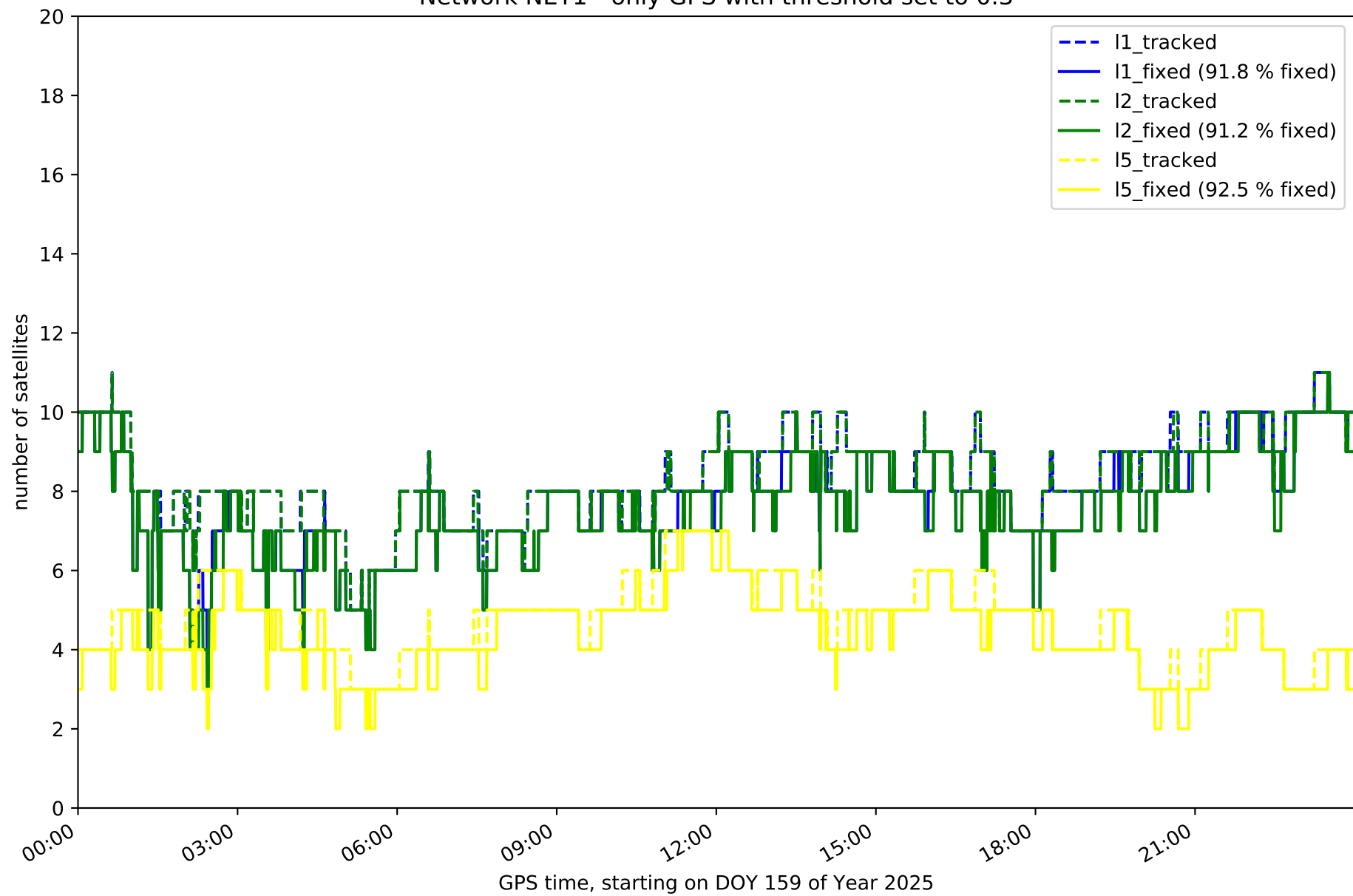
Network NET1 with threshold set to 0.3



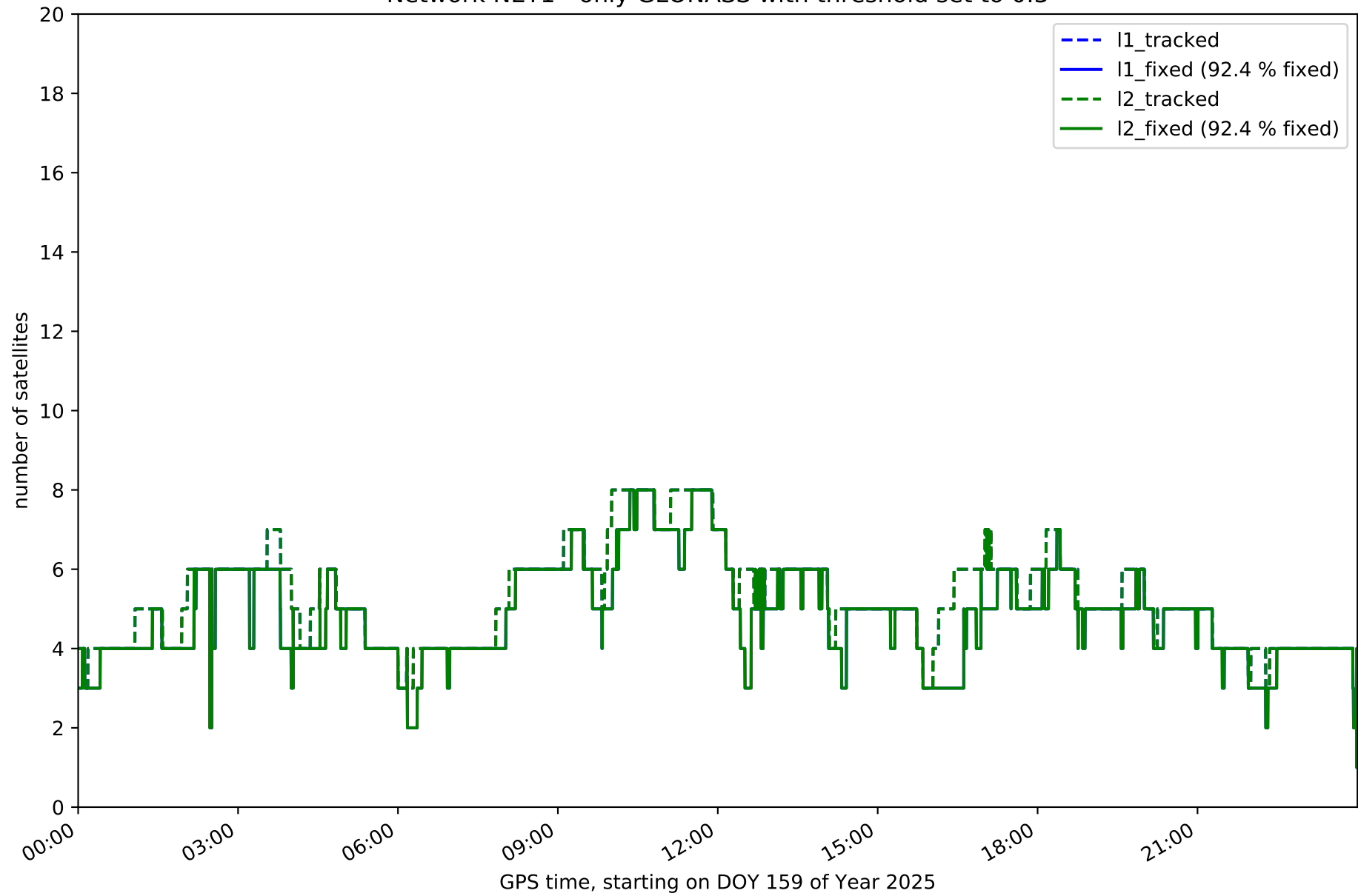
Fixing percentage of satellites in network NET1 with threshold set to 0.3



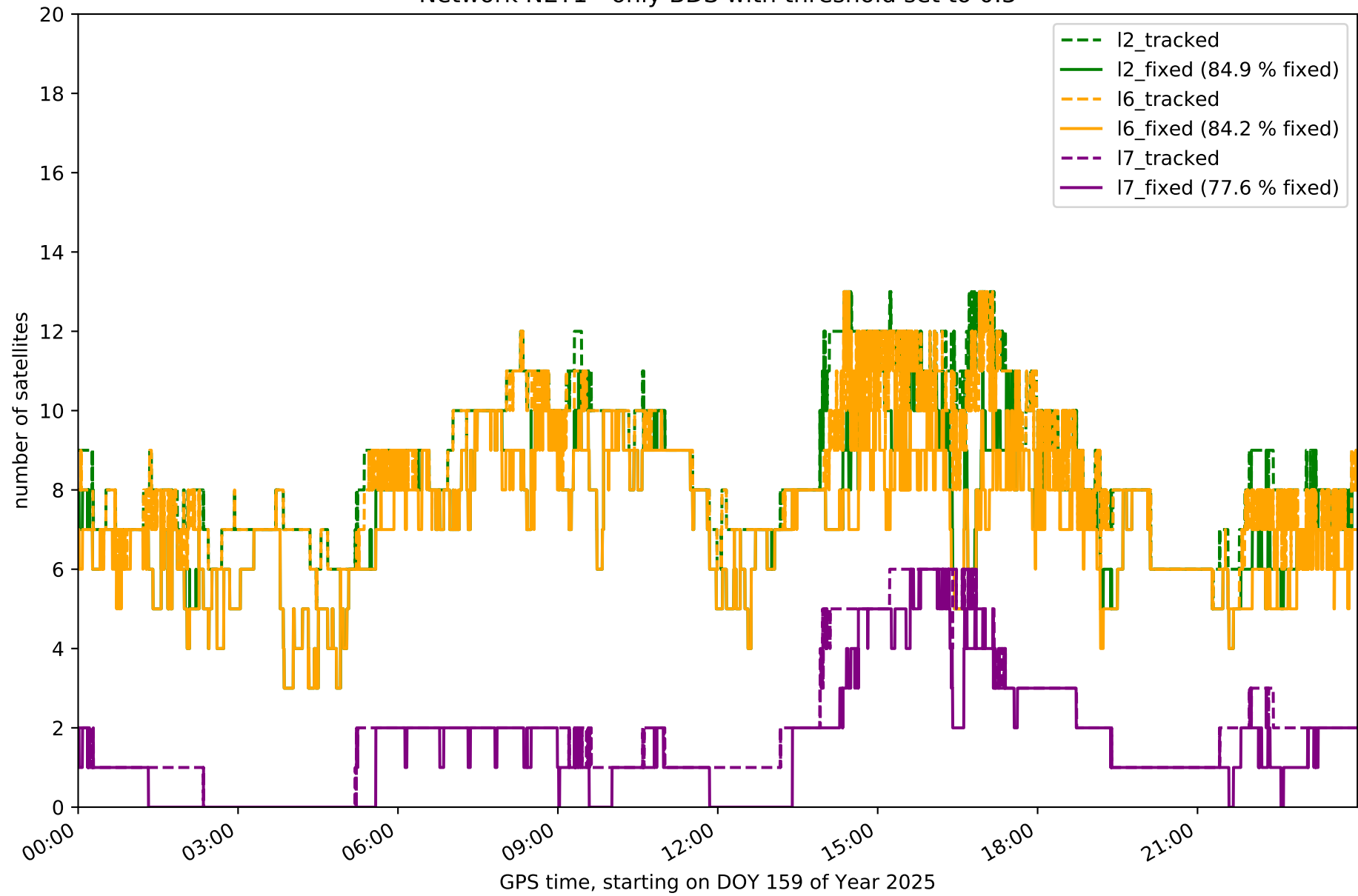
Network NET1 - only GPS with threshold set to 0.3



Network NET1 - only GLONASS with threshold set to 0.3

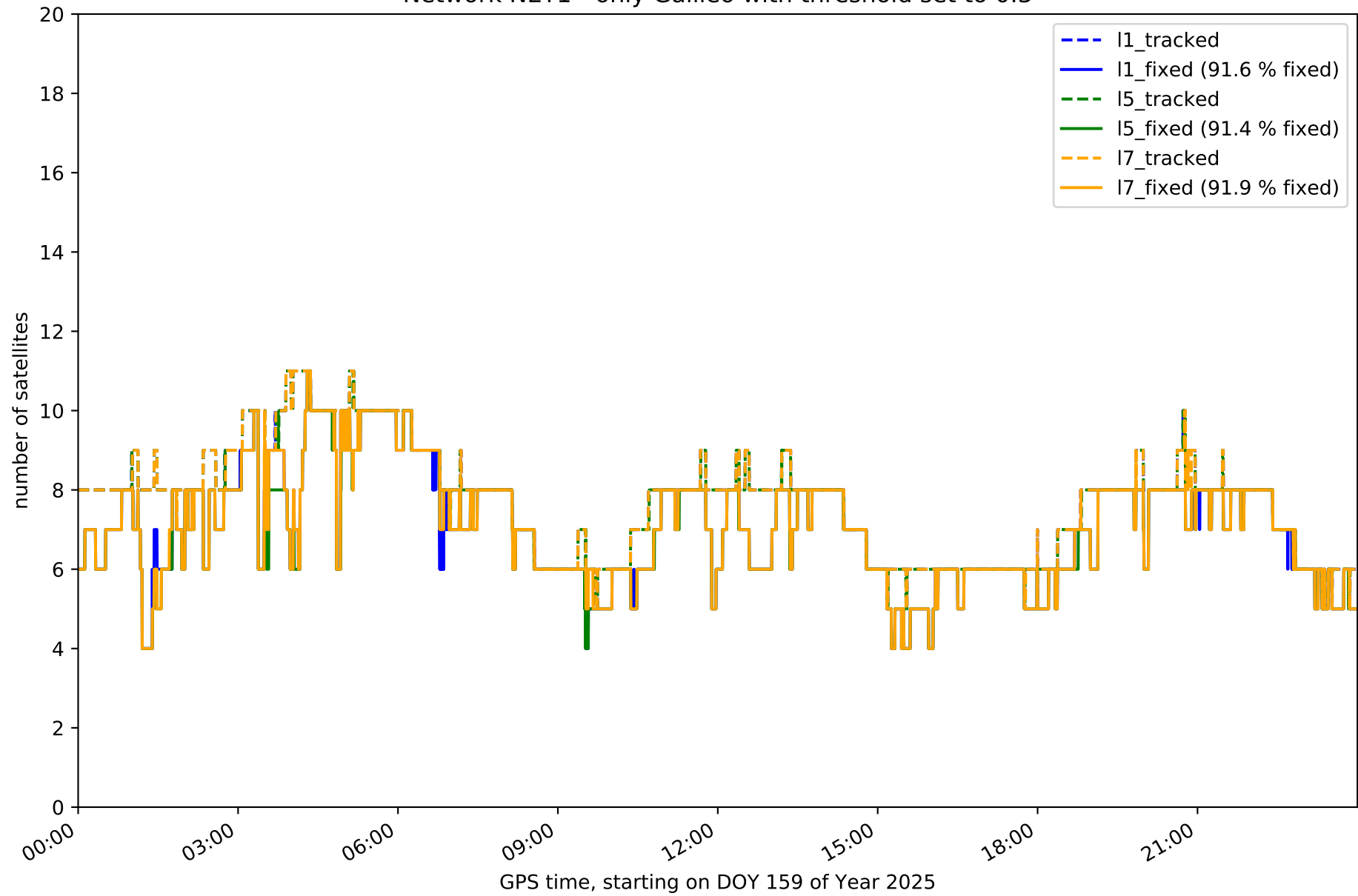


Network NET1 - only BDS with threshold set to 0.3

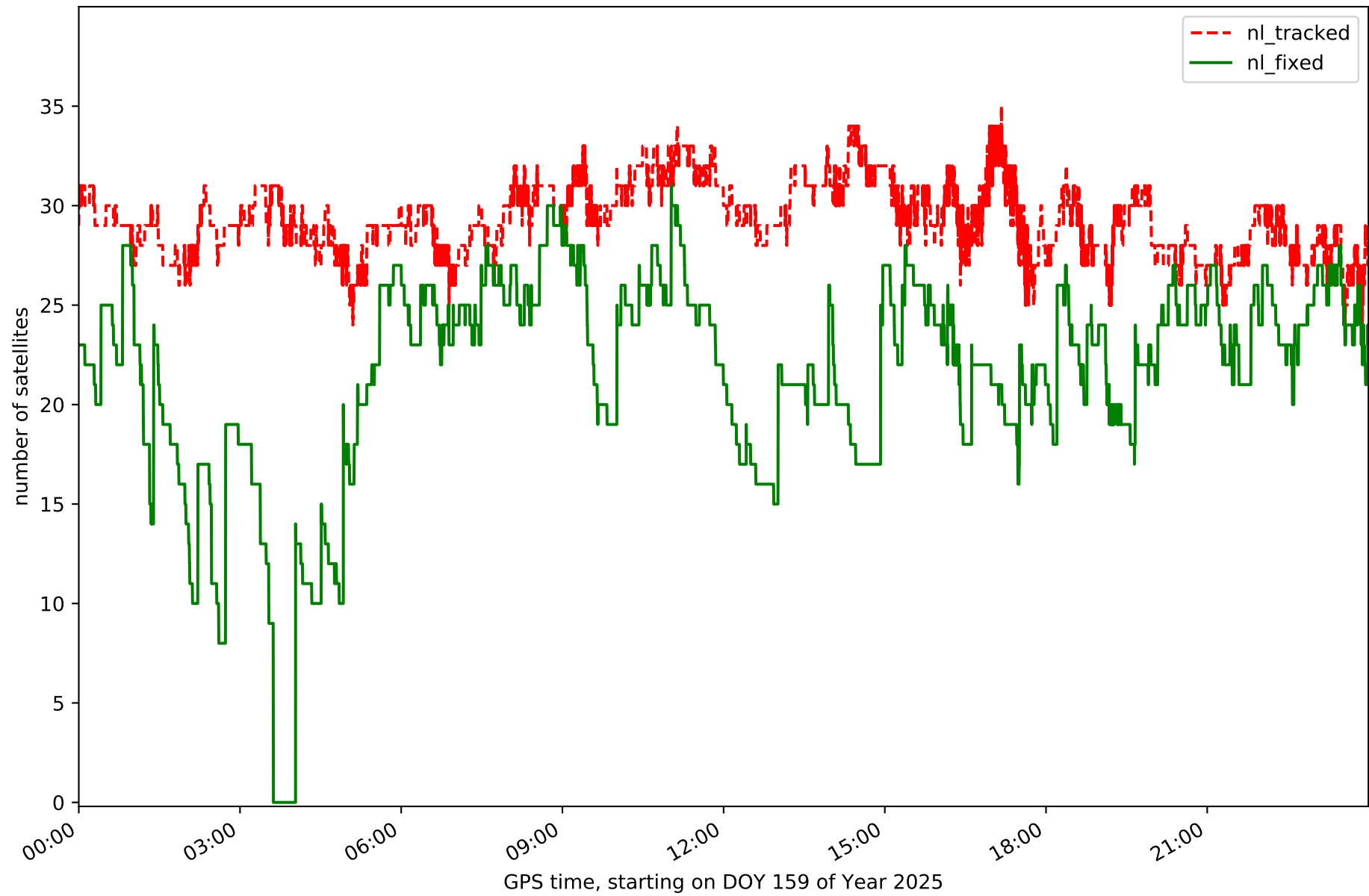




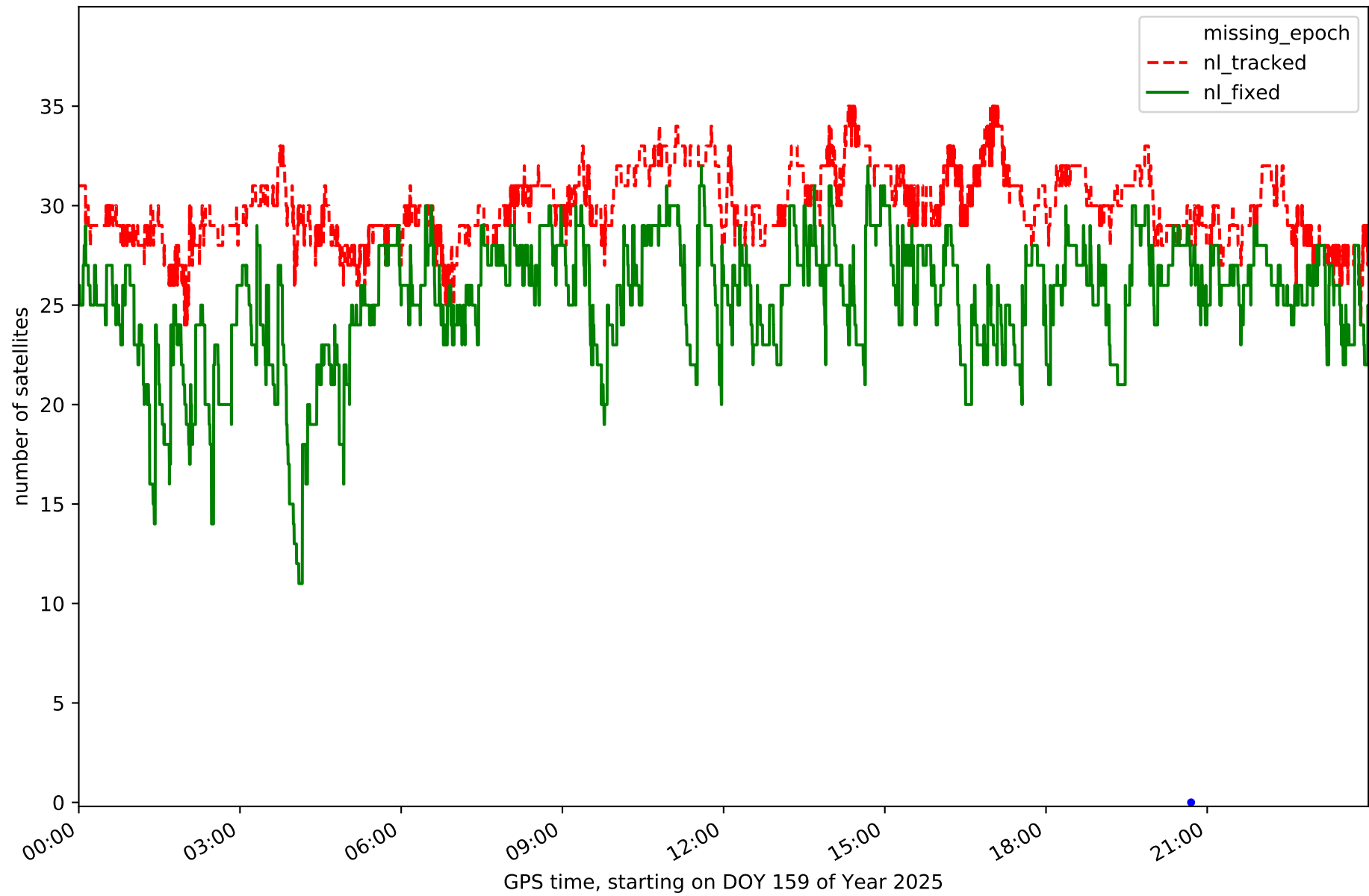
Network NET1 - only Galileo with threshold set to 0.3



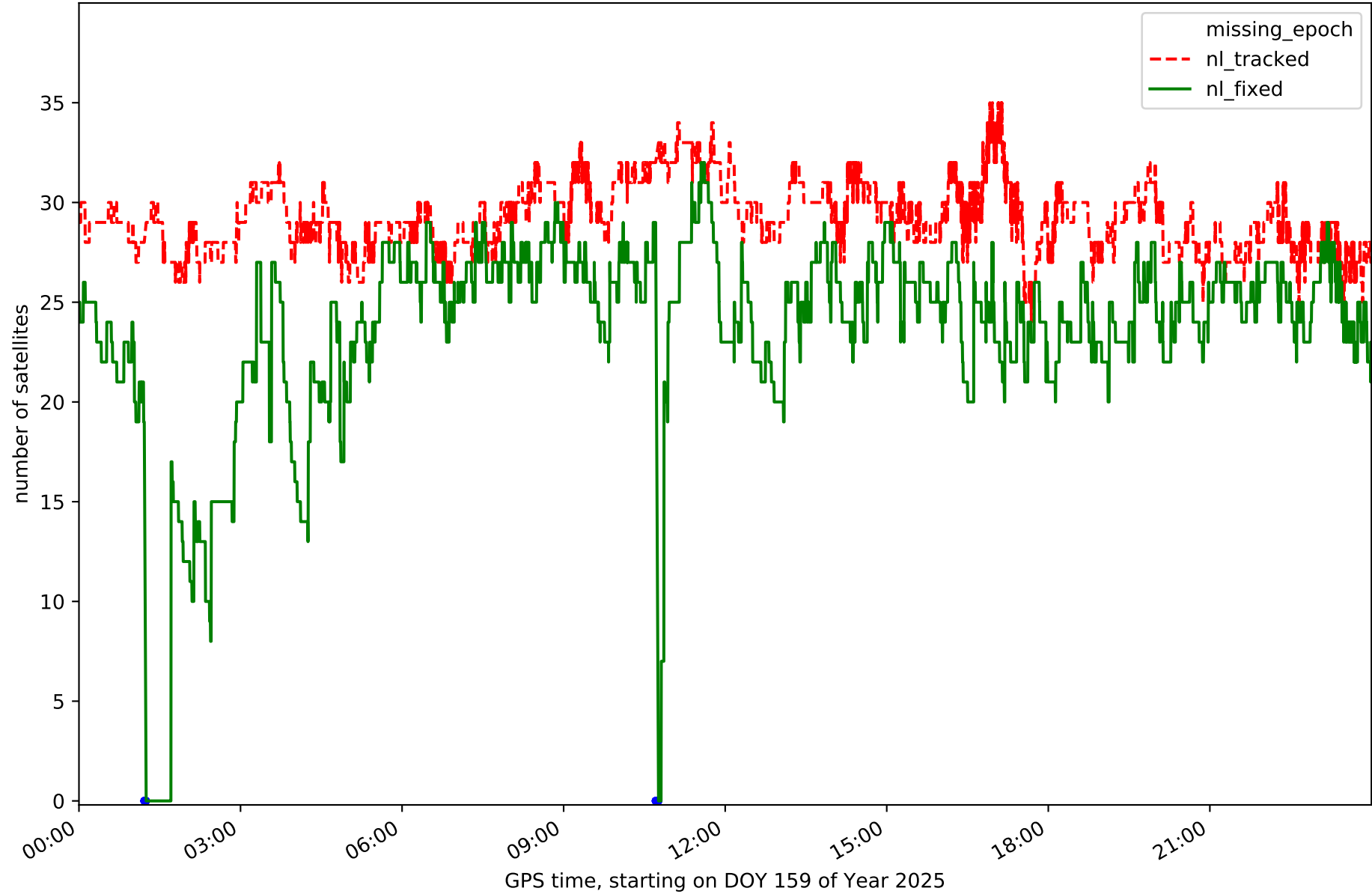
Station AJAL in network NET1



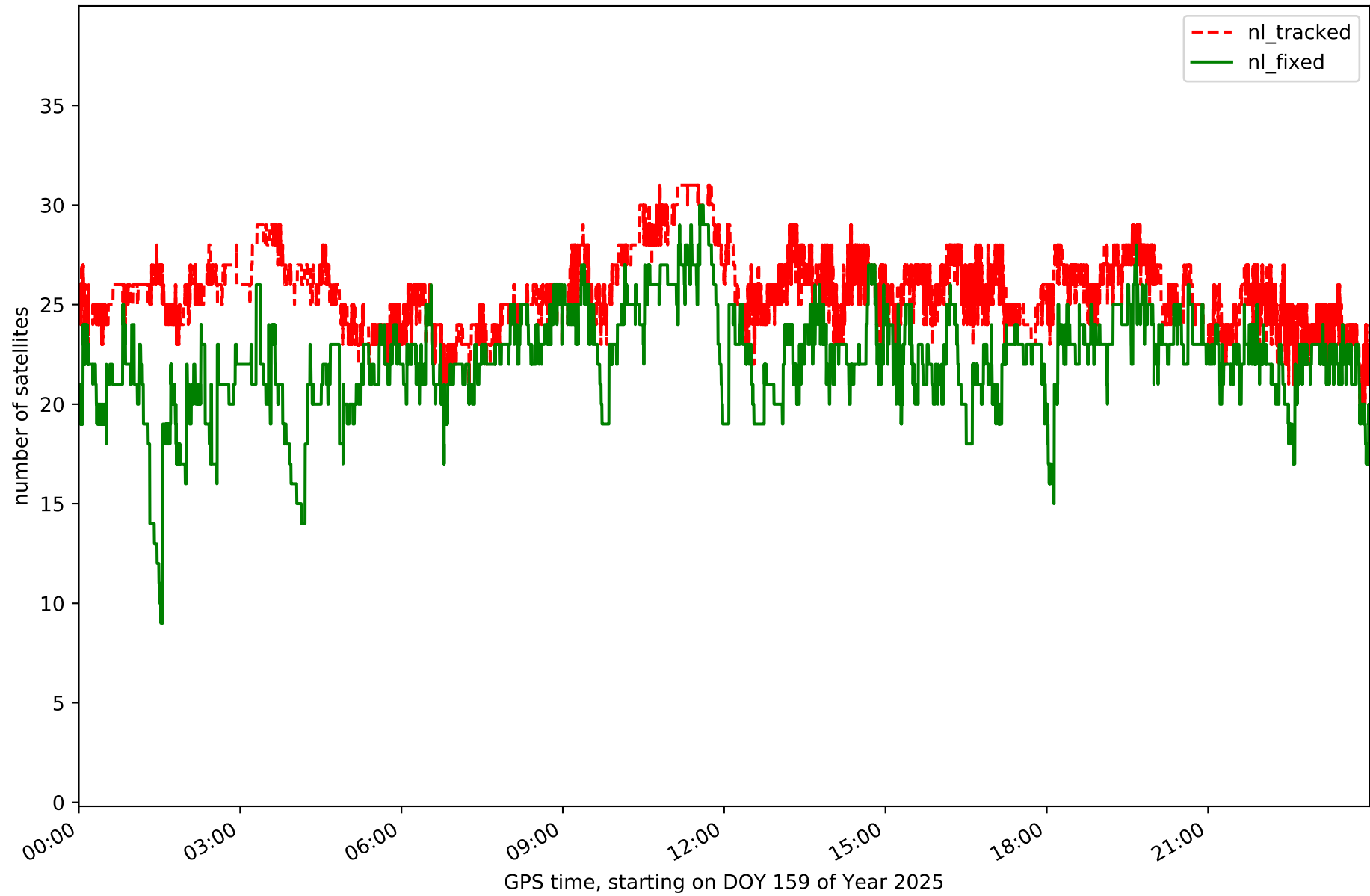
Station ARAJ in network NET1



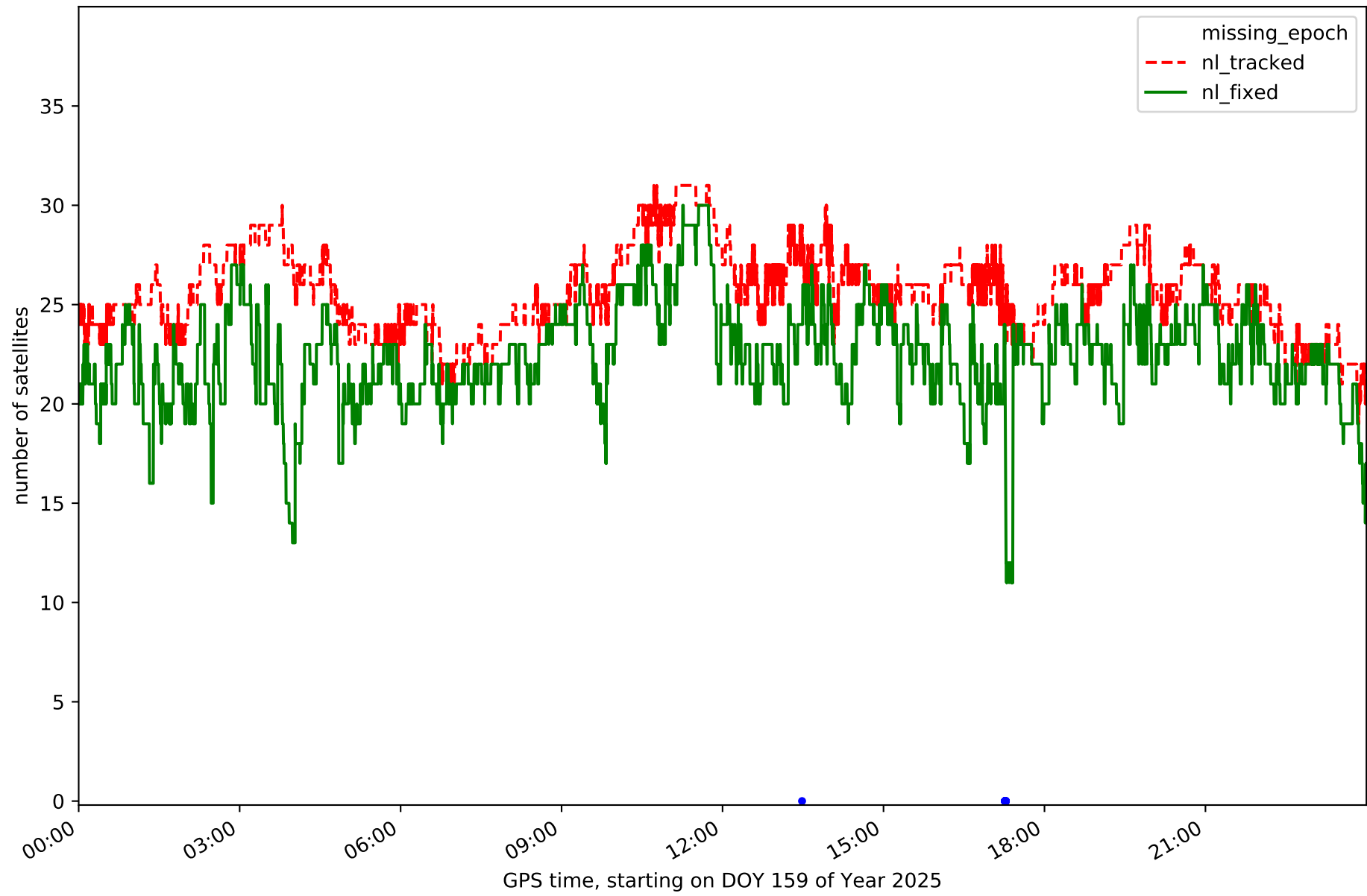
Station ARSP in network NET1



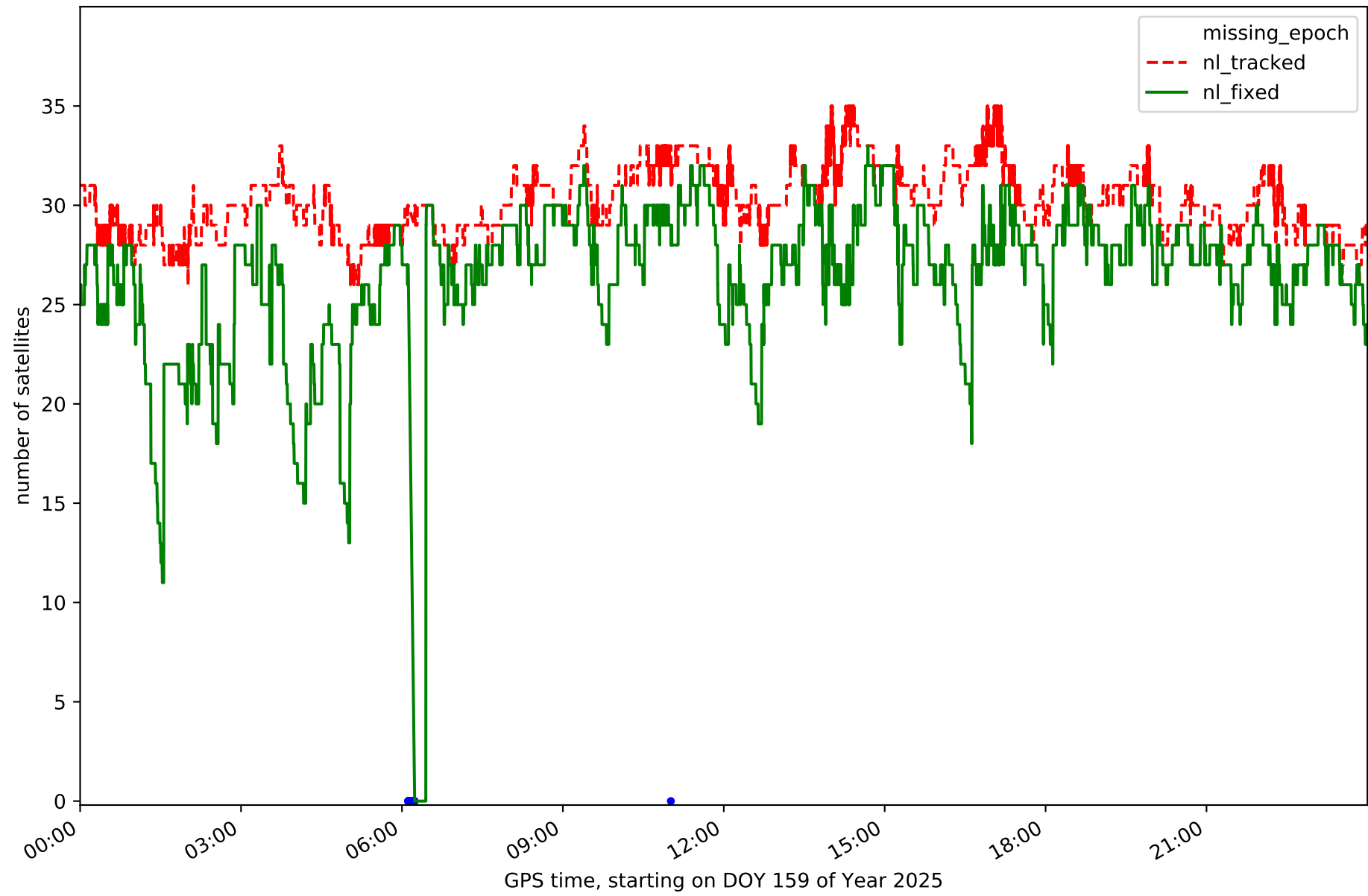
Station AVI2 in network NET1



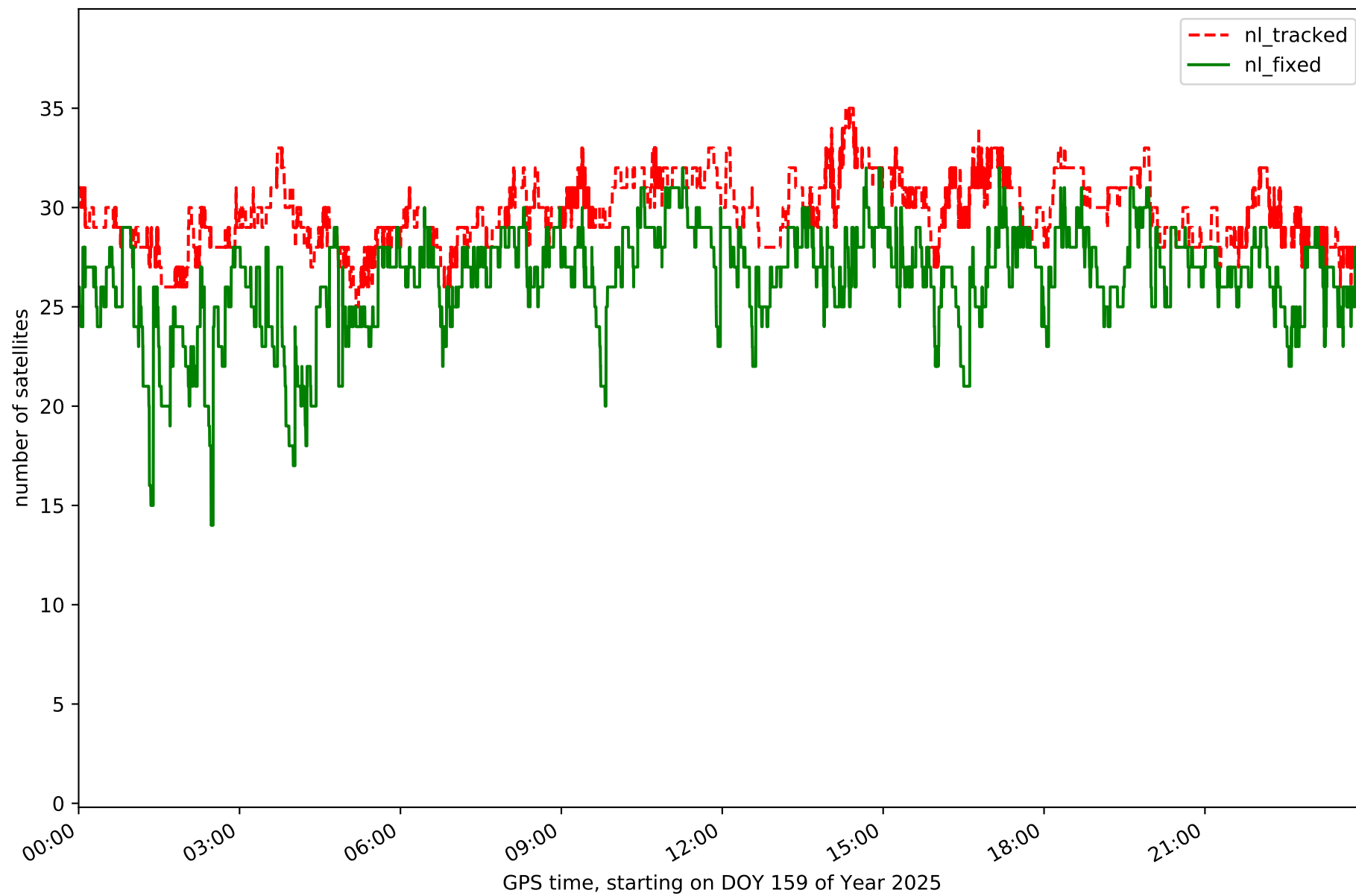
Station BUIT in network NET1



Station GMSR in network NET1

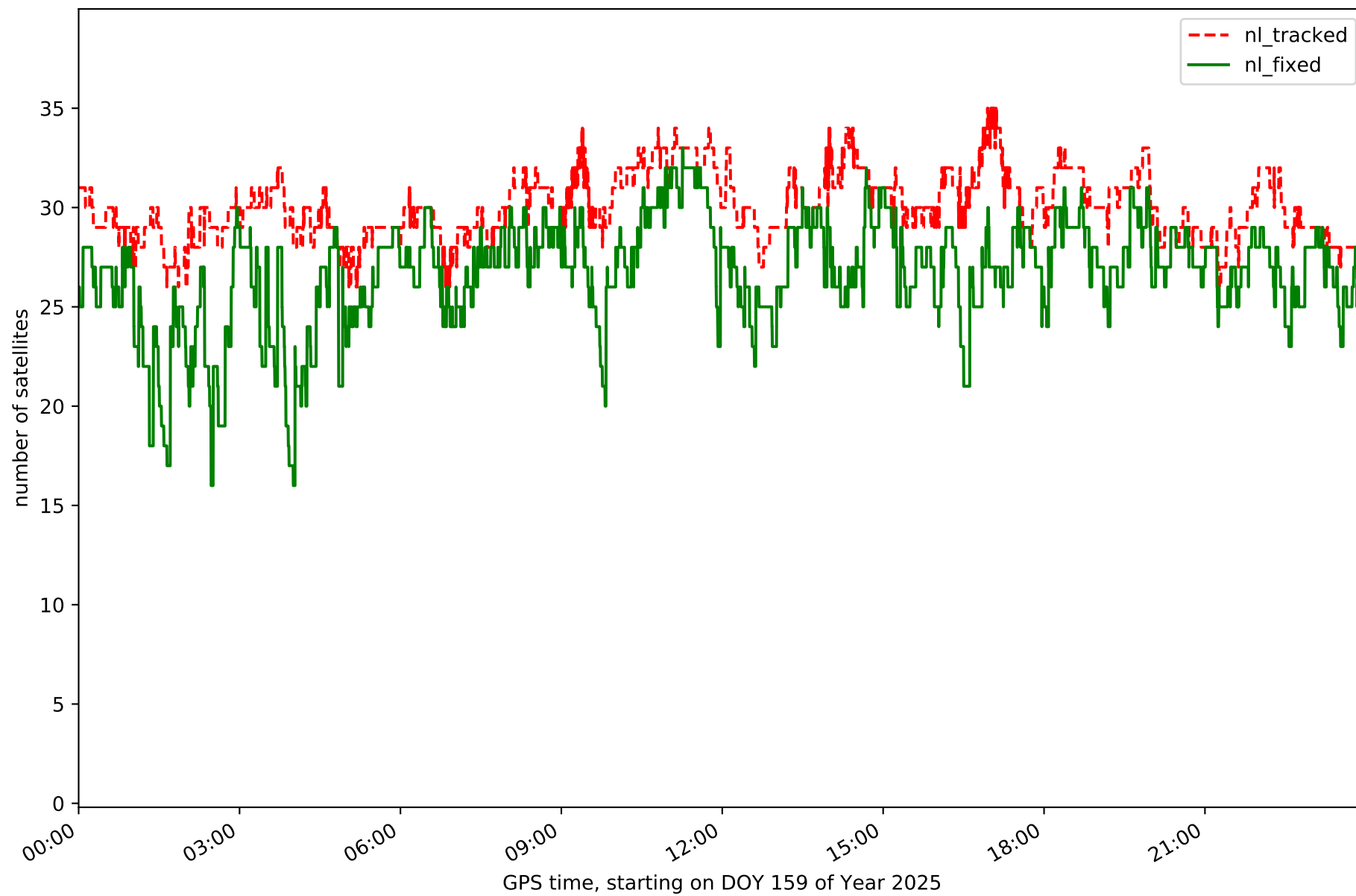


Station IGNE in network NET1

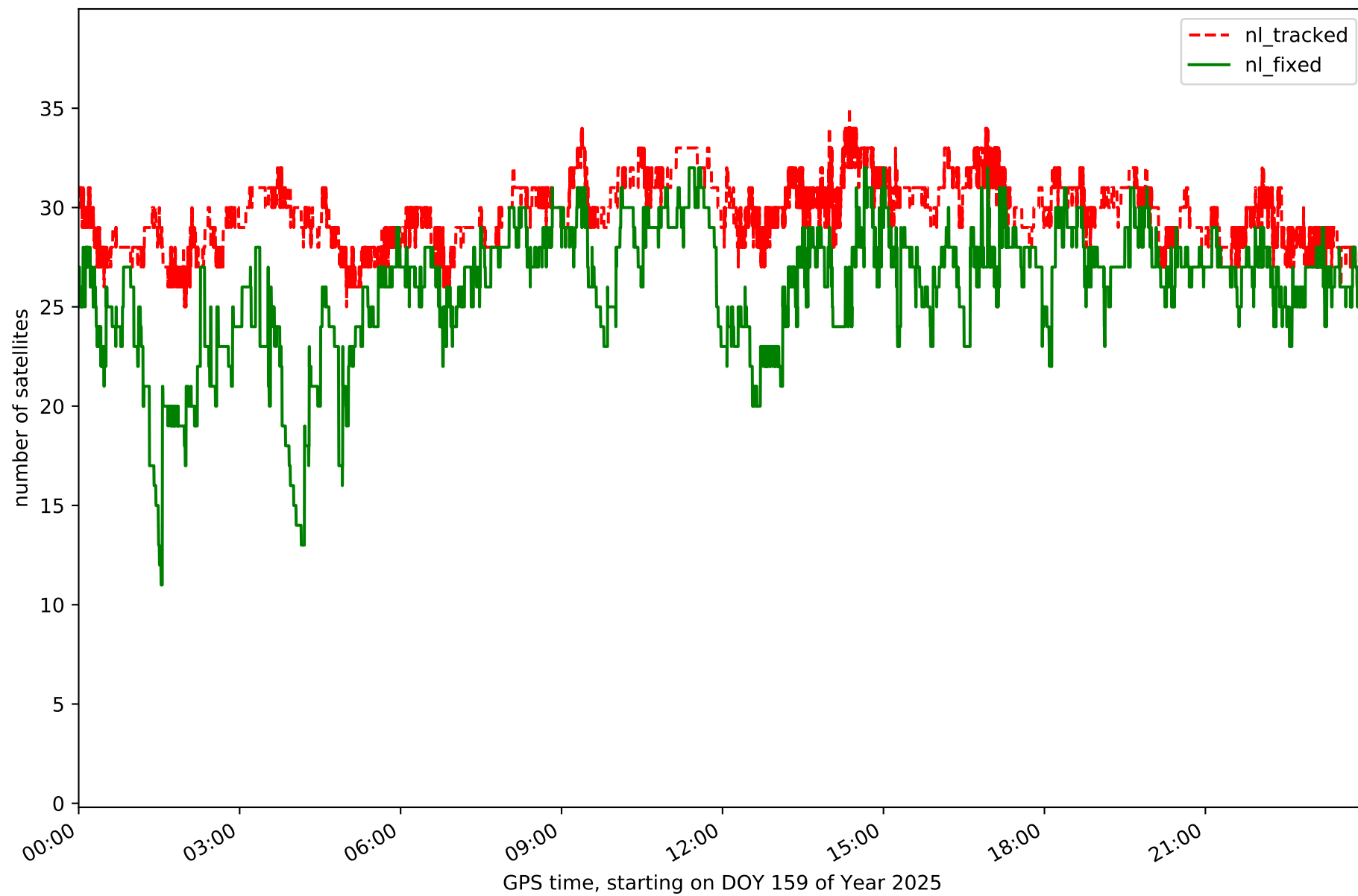




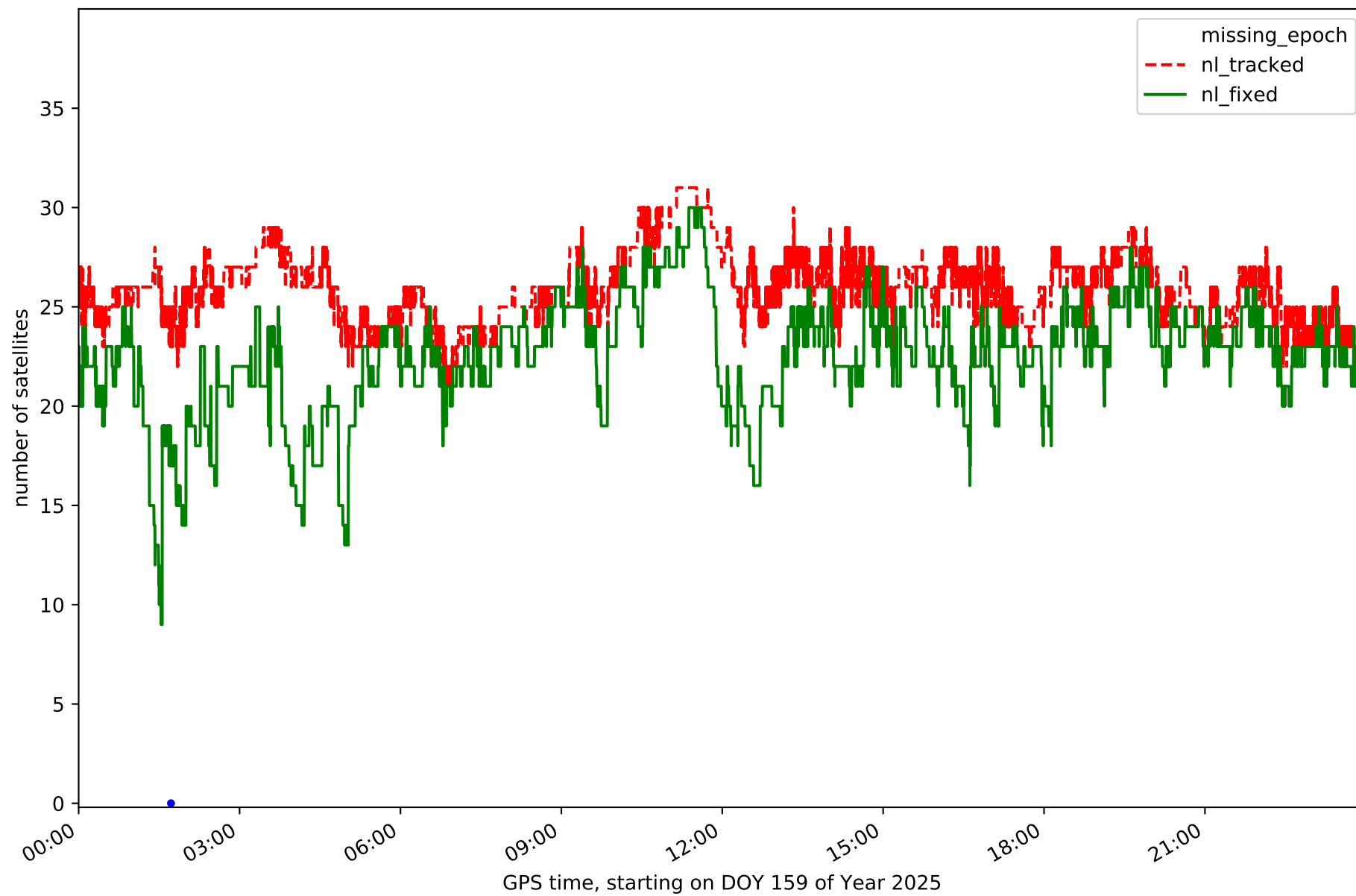
Station MAD1 in network NET1



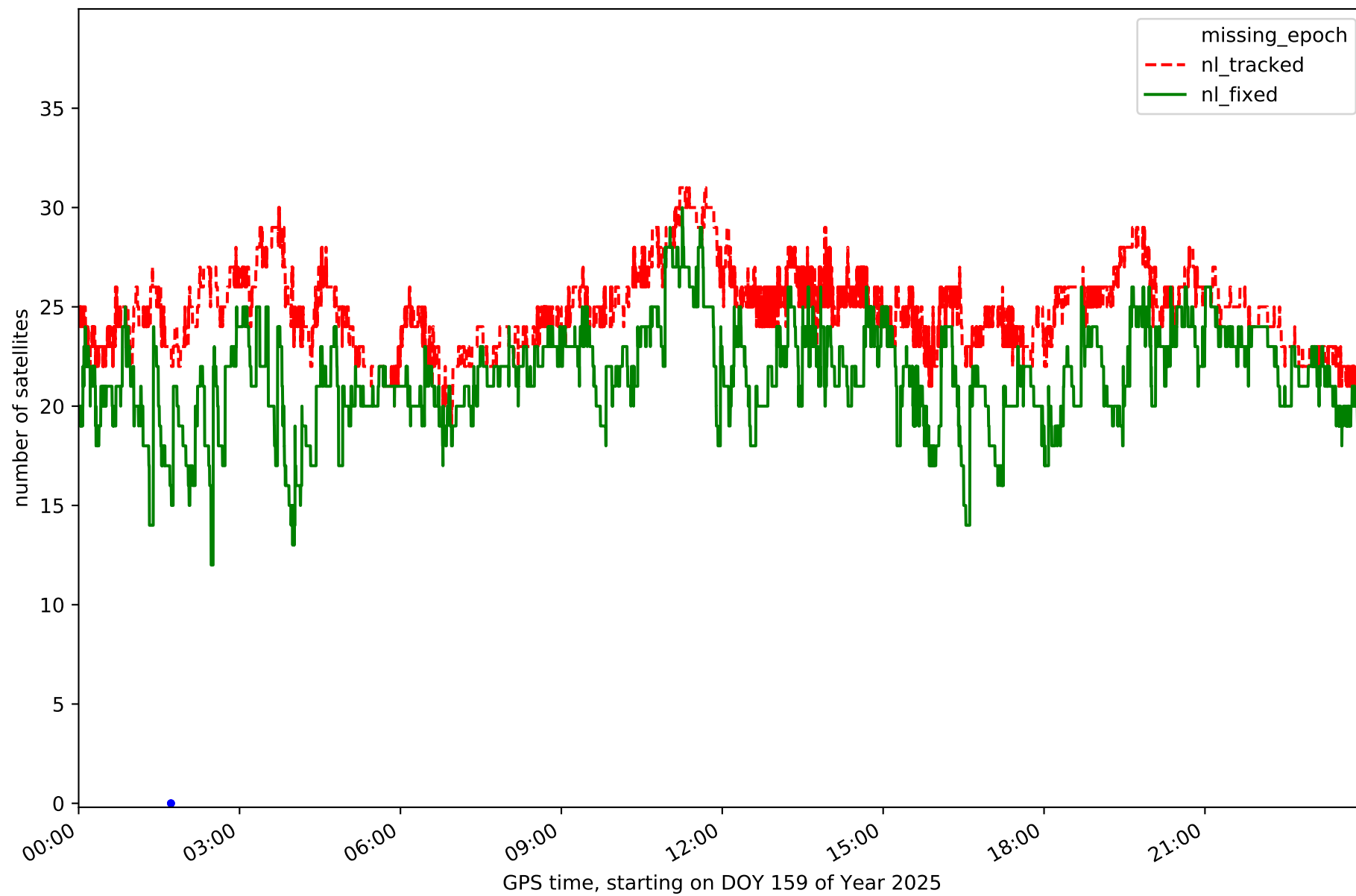
Station NVDA in network NET1



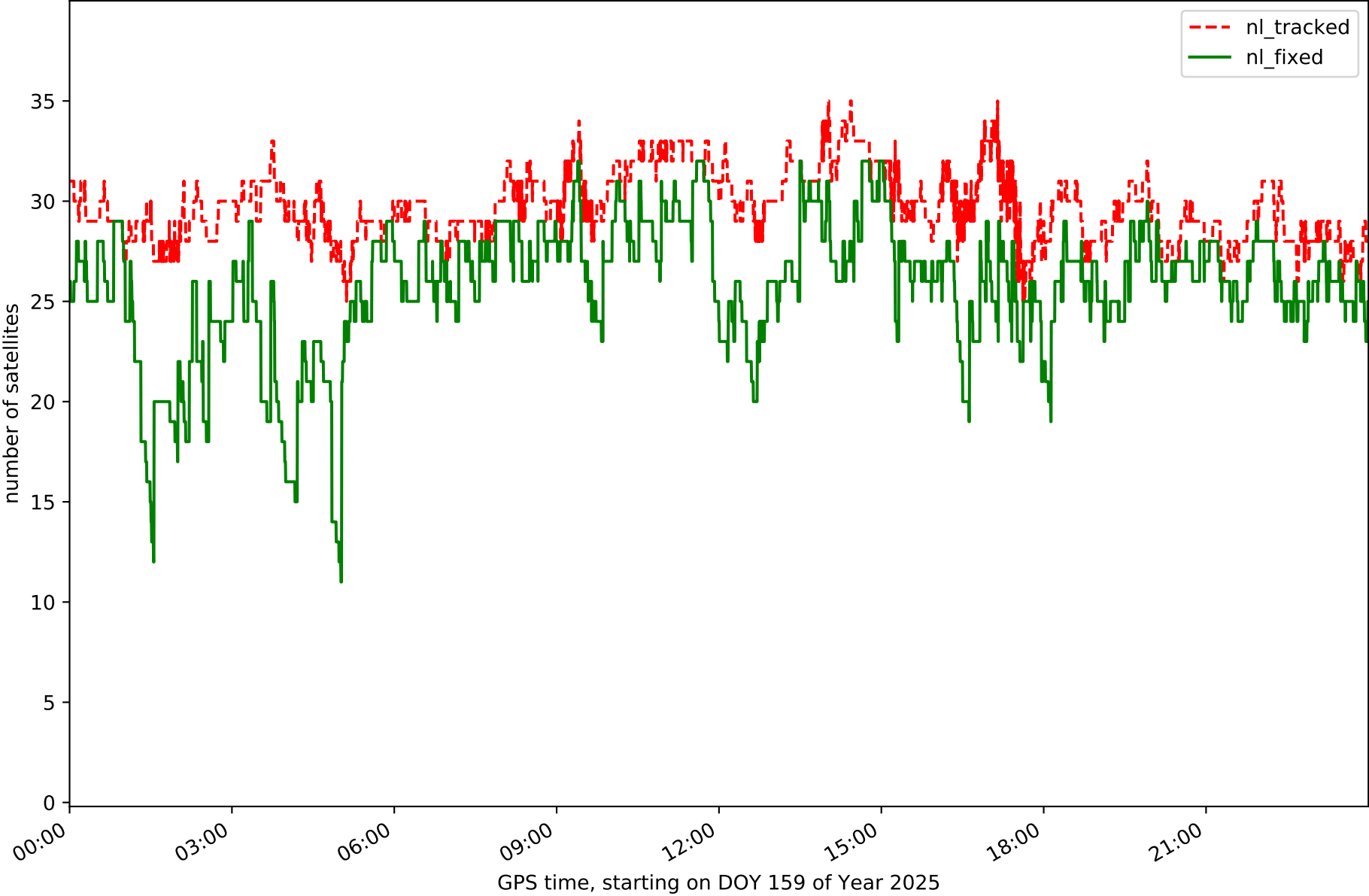
Station OLM1 in network NET1



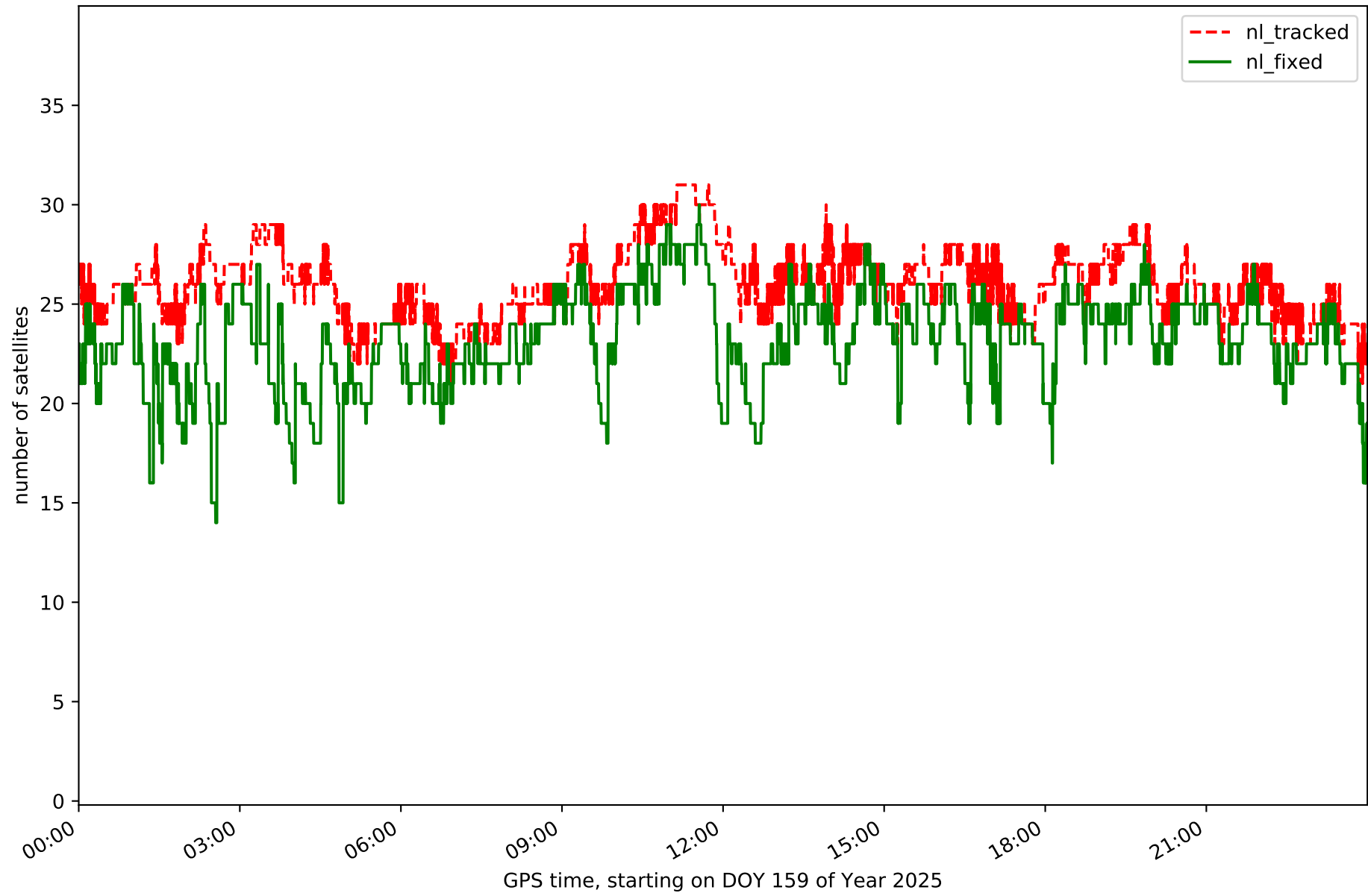
Station ORUS in network NET1



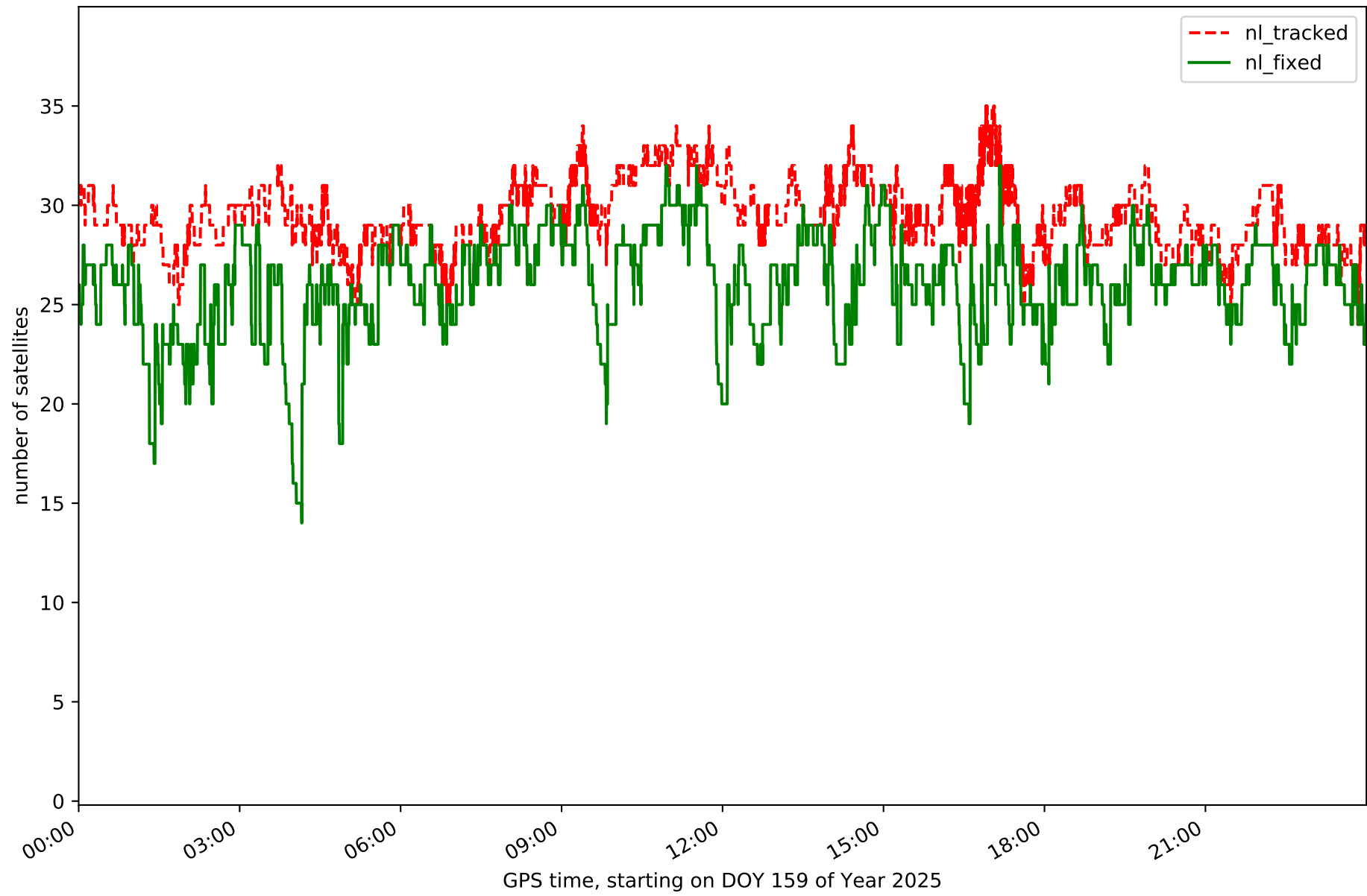
Station PEN1 in network NET1



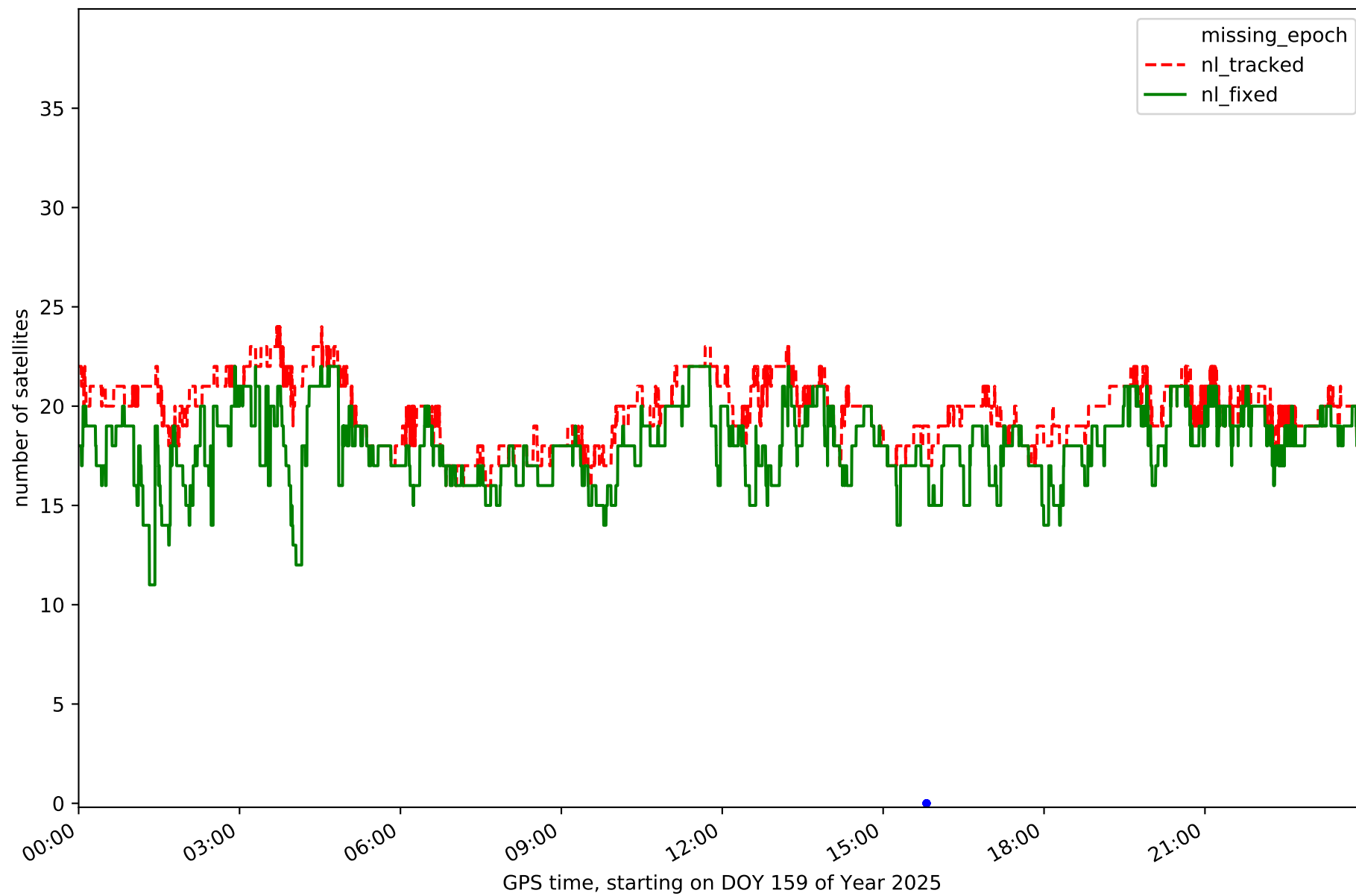
Station RIA1 in network NET1



Station SGVA in network NET1

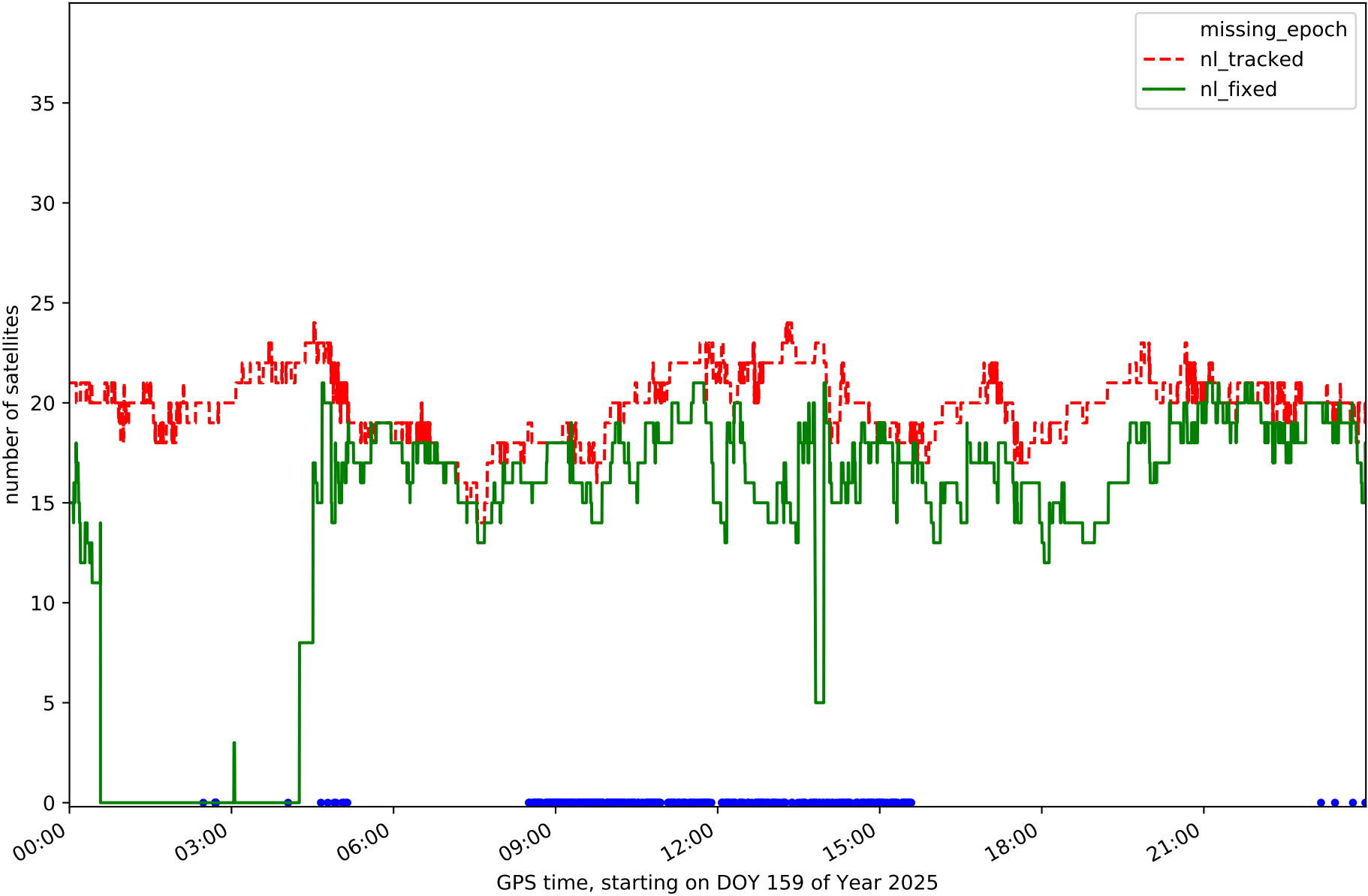


Station SMDV in network NET1

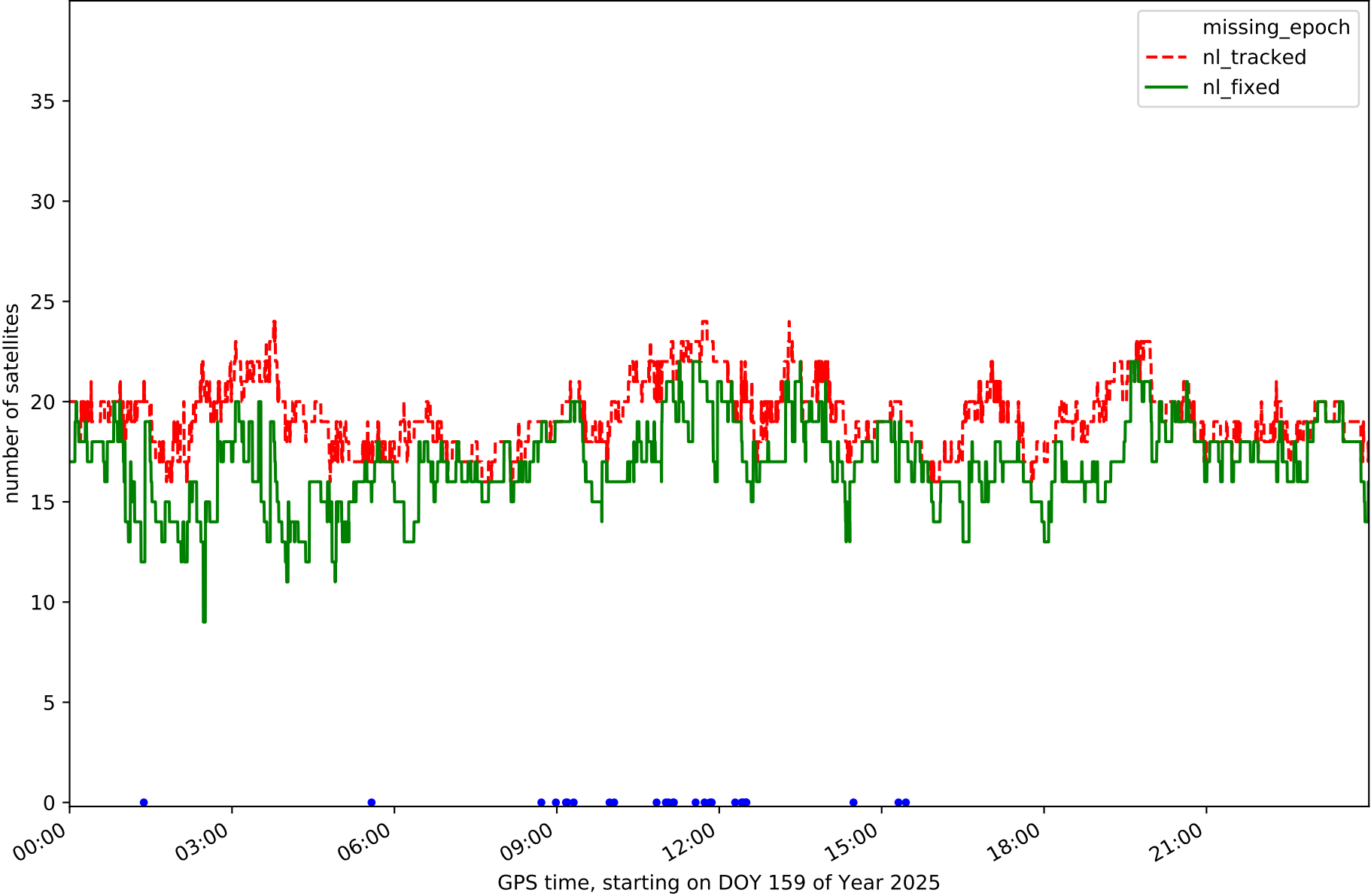




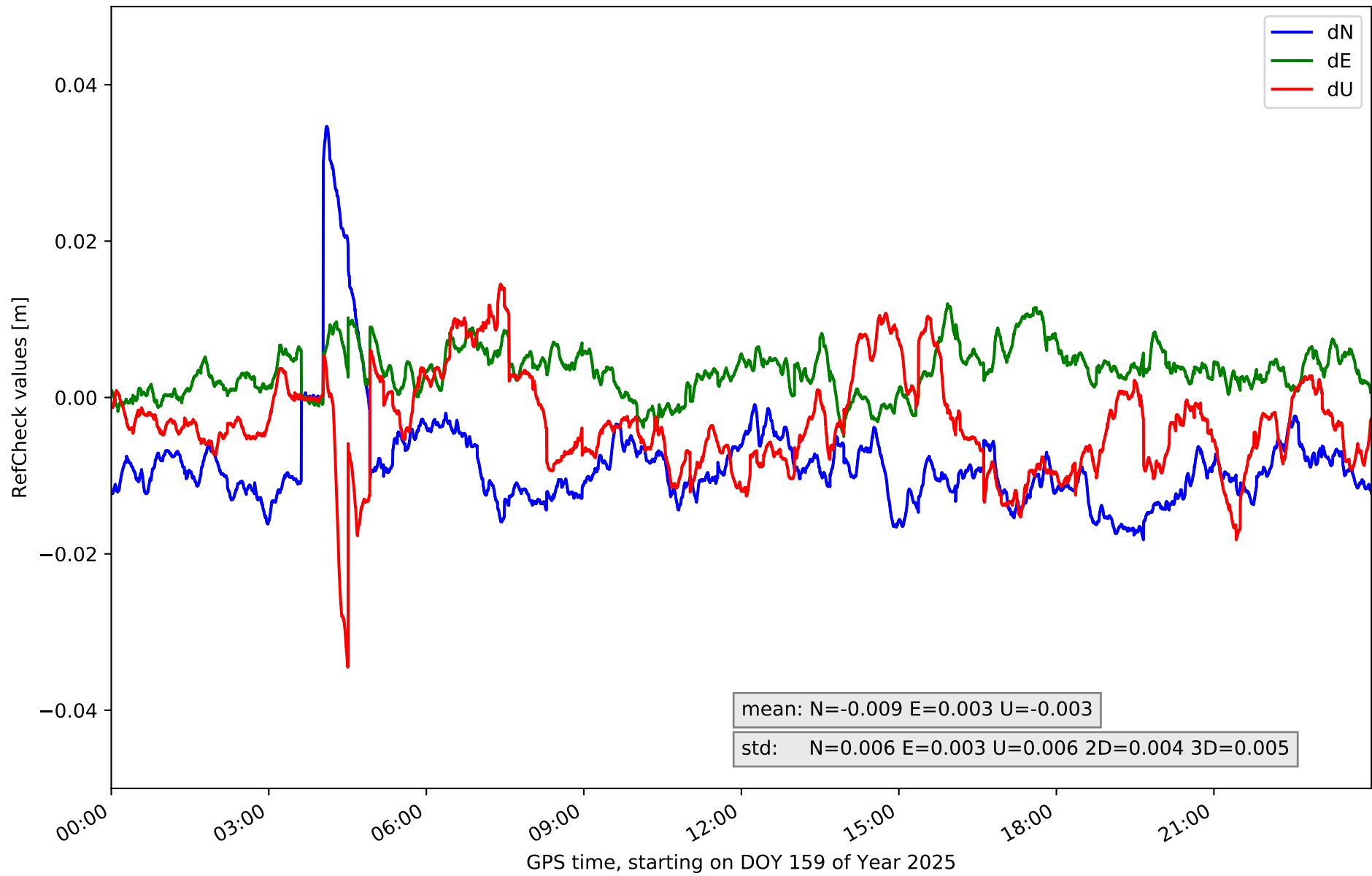
Station TALV in network NET1



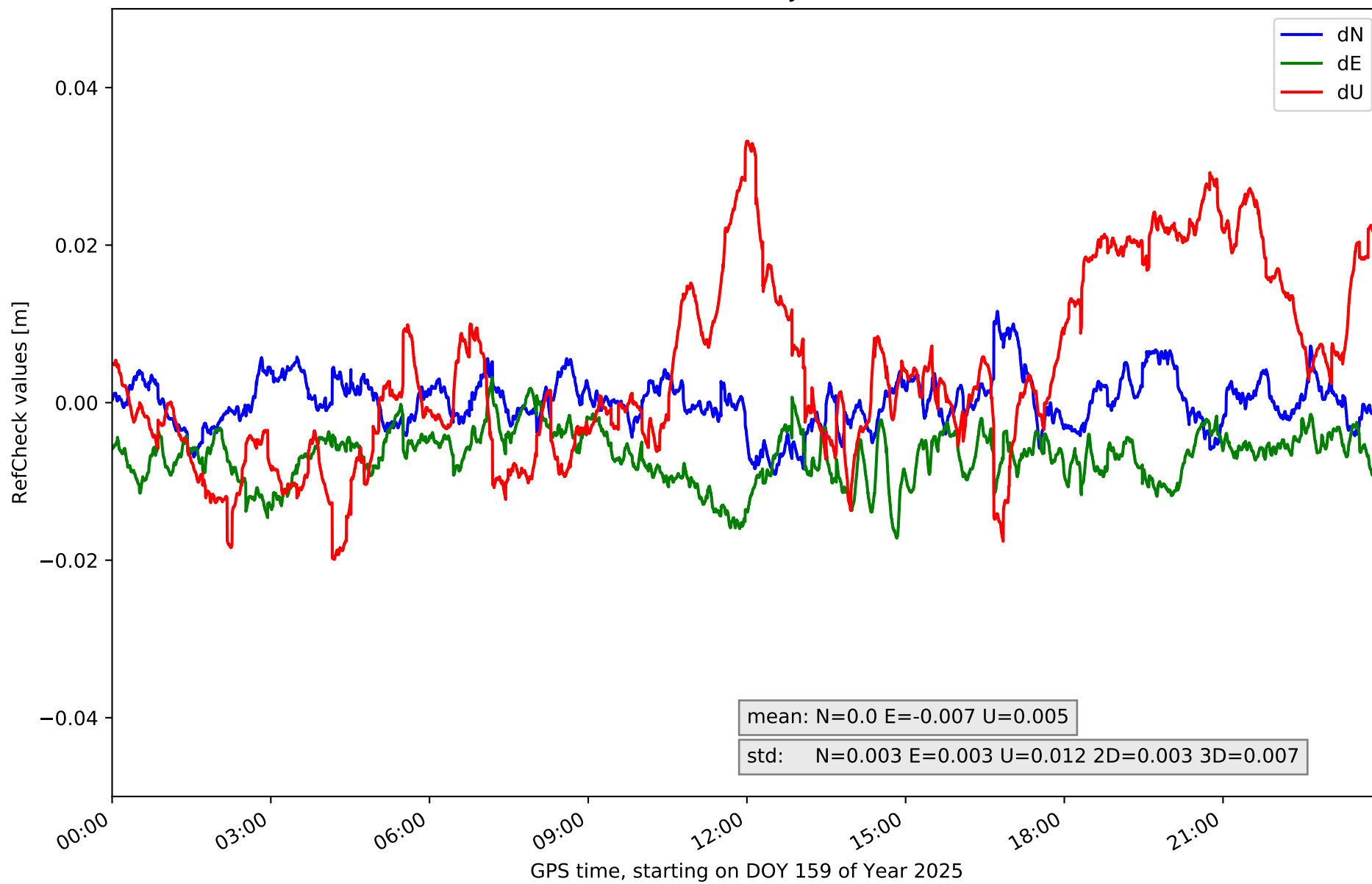
Station YEB1 in network NET1



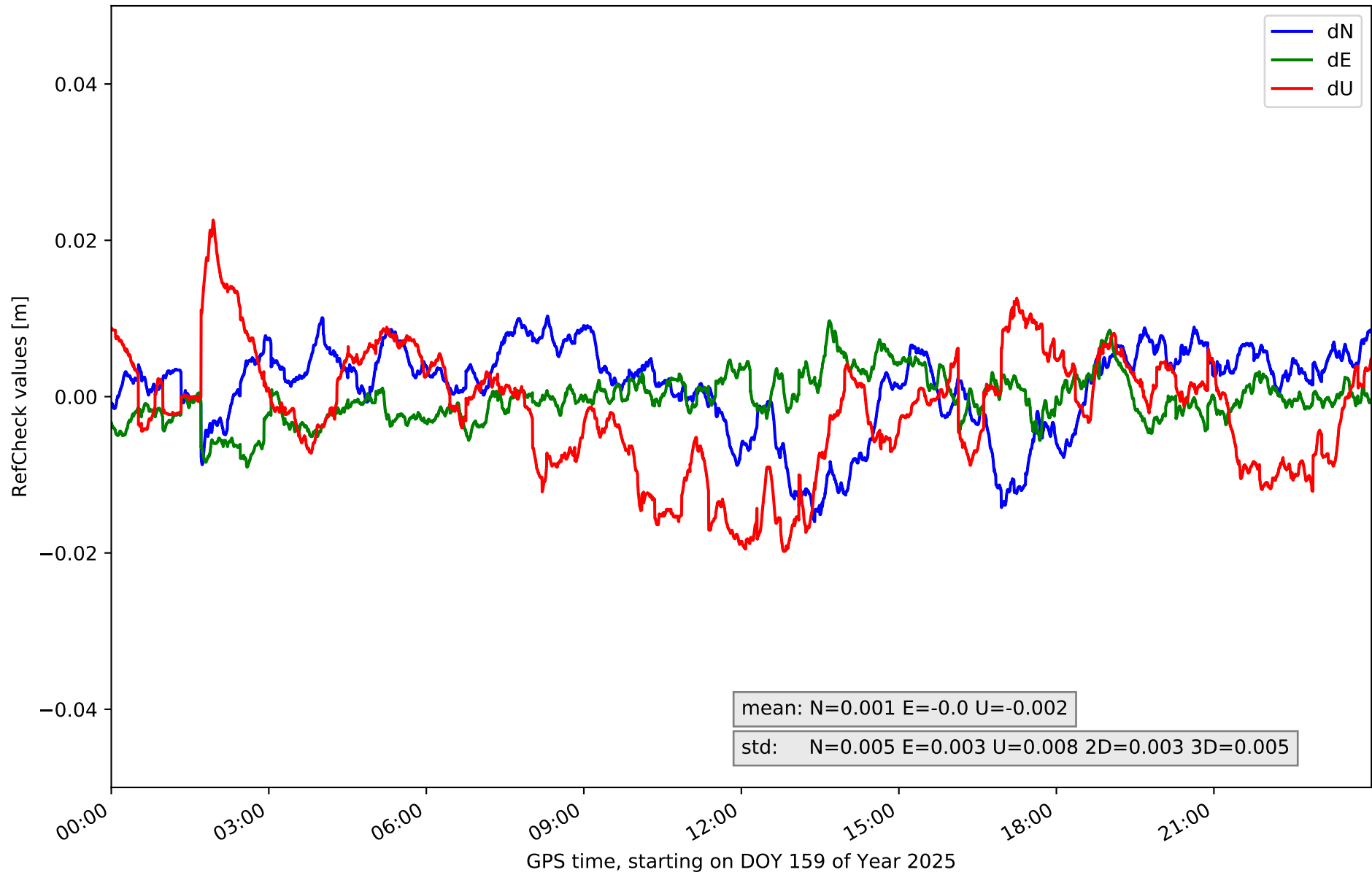
RefCheck for station AJAL in network NET1



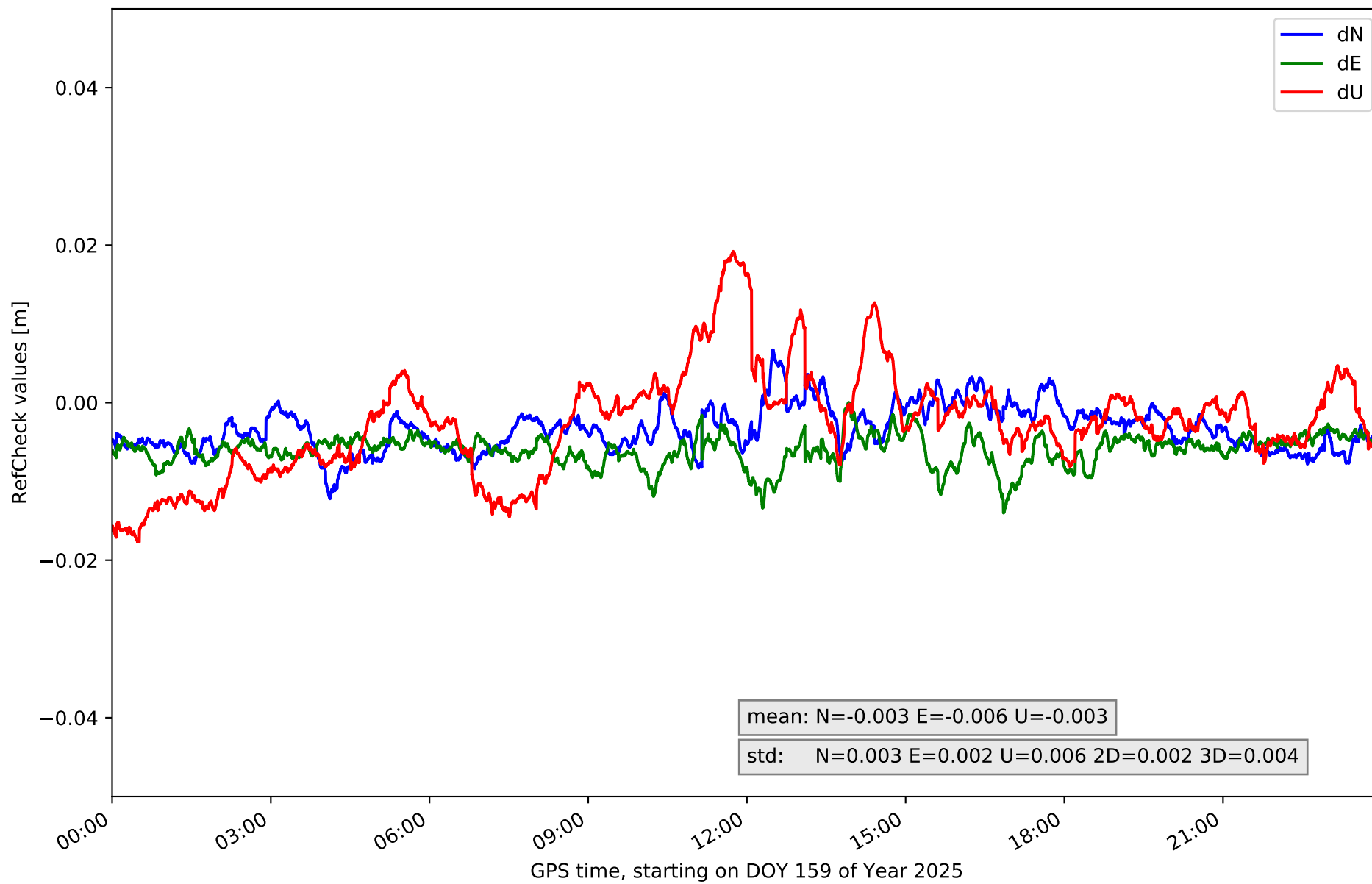
RefCheck for station ARAJ in network NET1



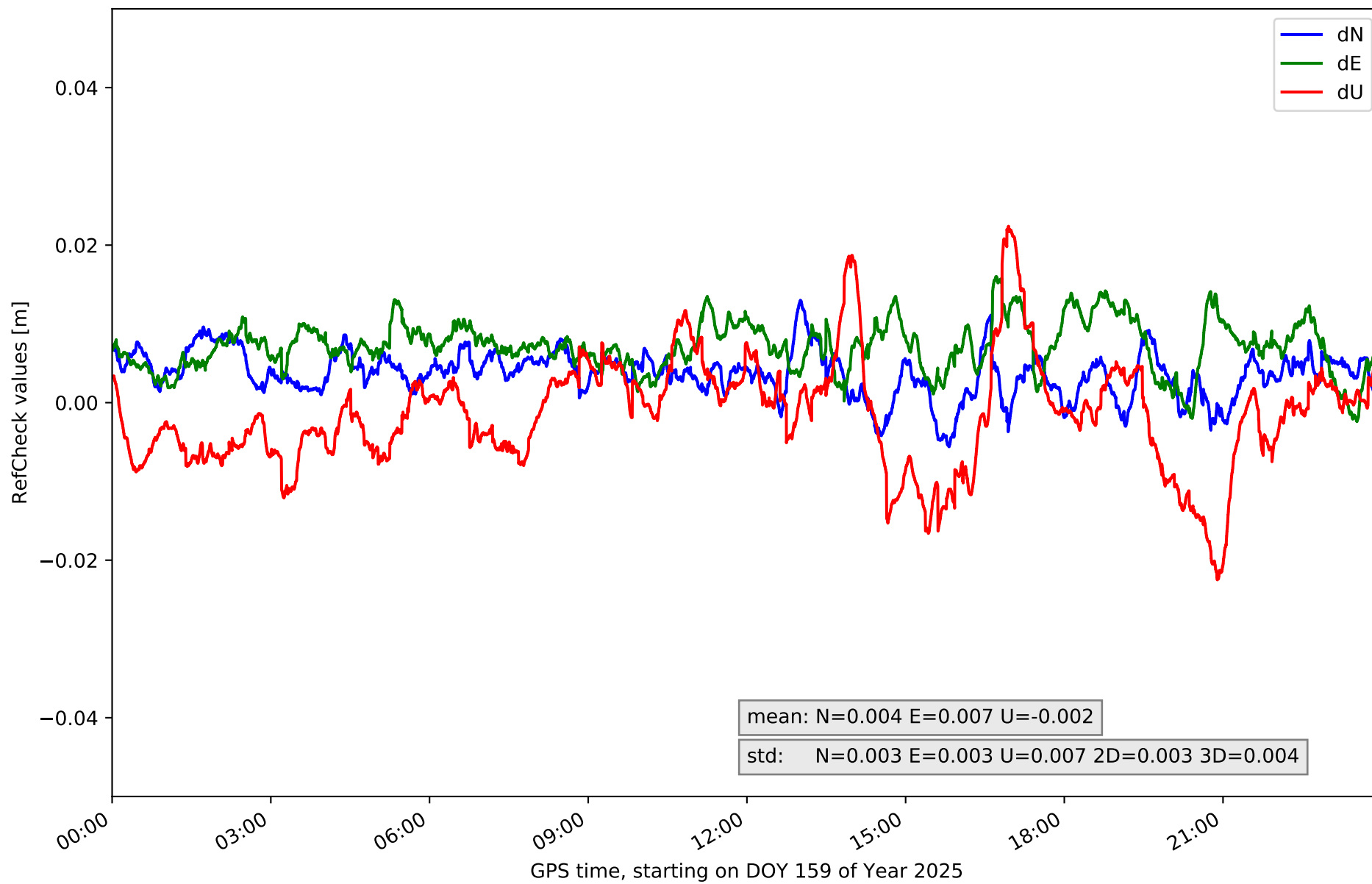
RefCheck for station ARSP in network NET1



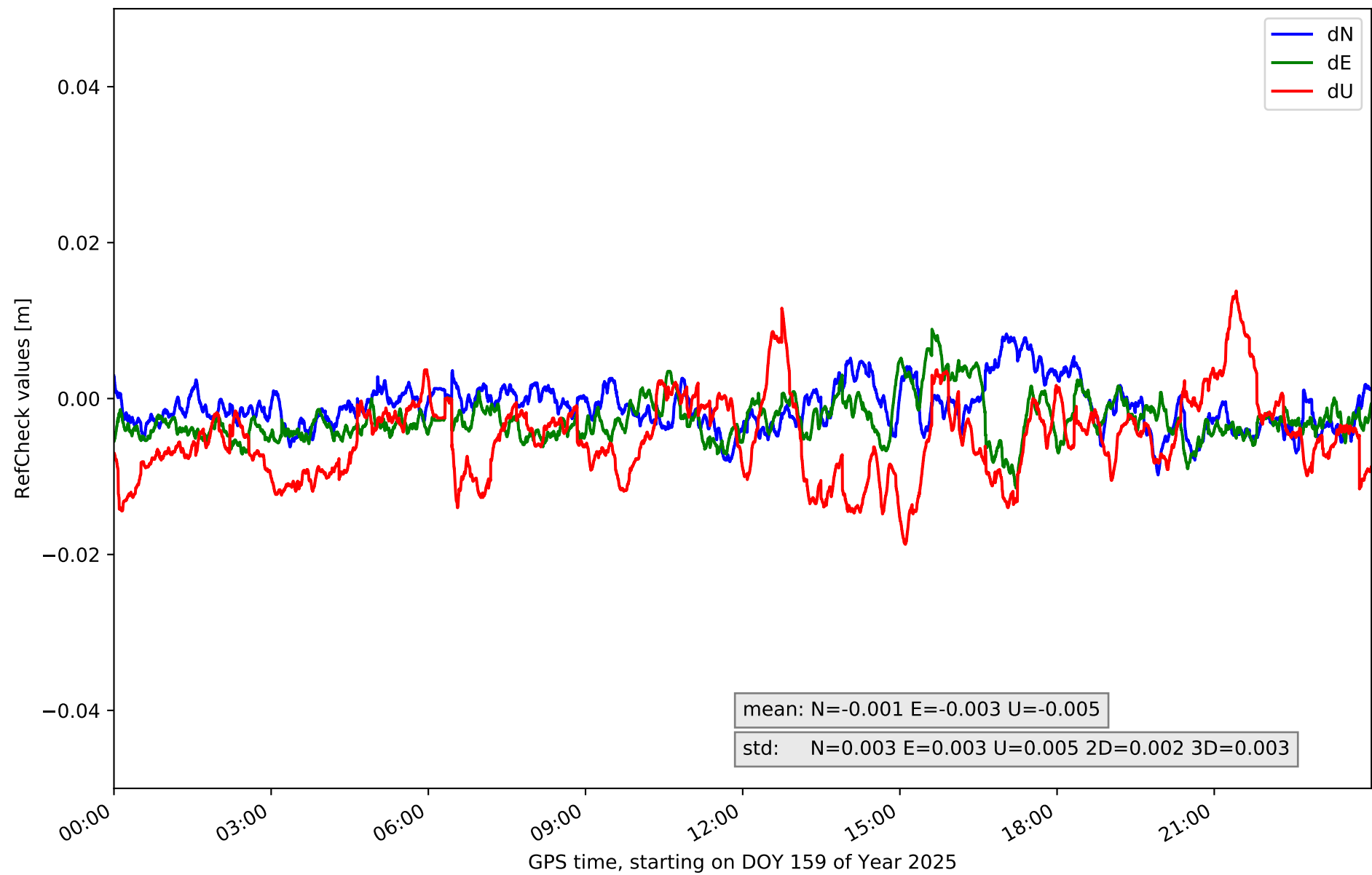
RefCheck for station AVI2 in network NET1



RefCheck for station BUIT in network NET1

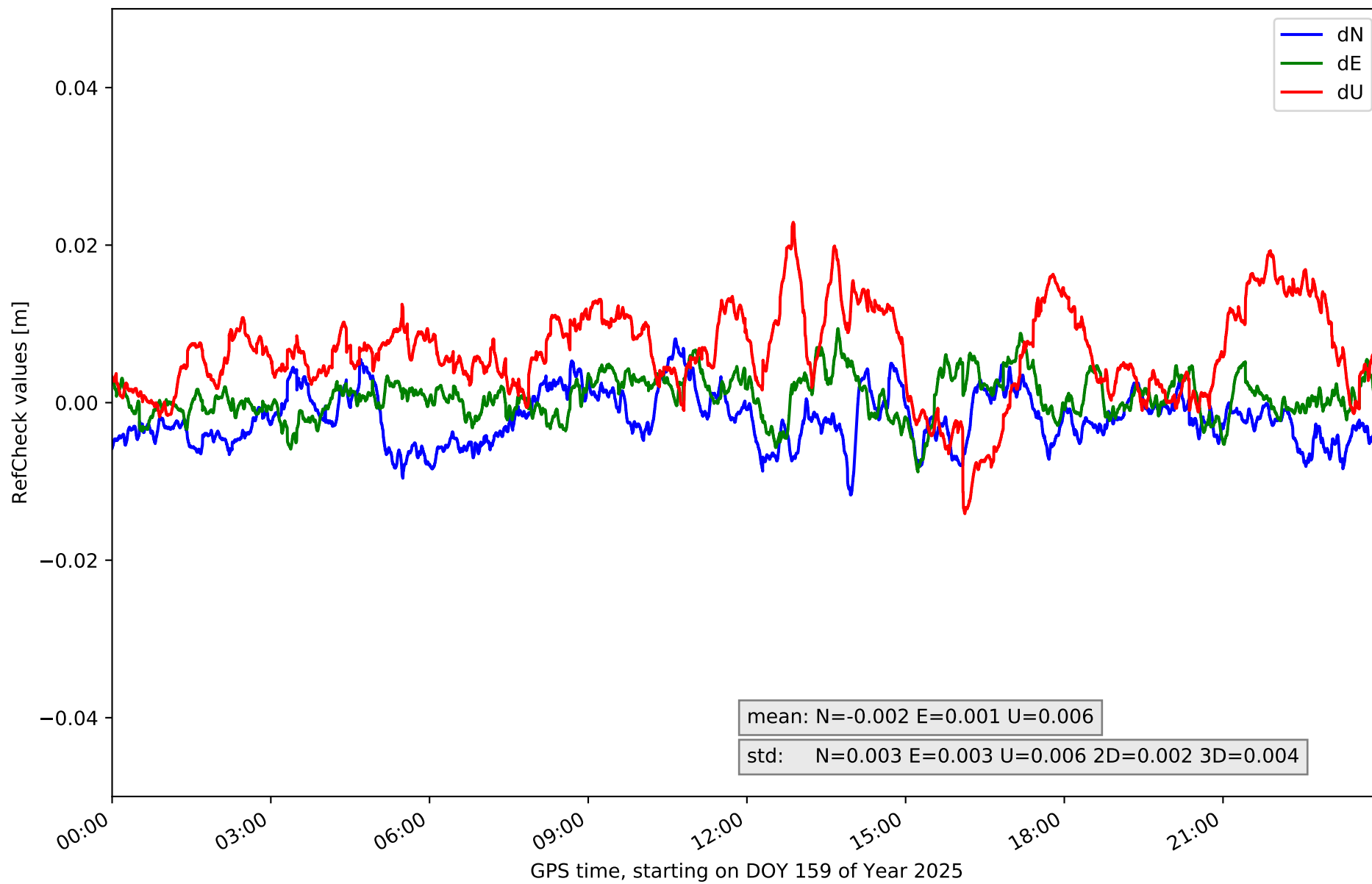


RefCheck for station GMSR in network NET1

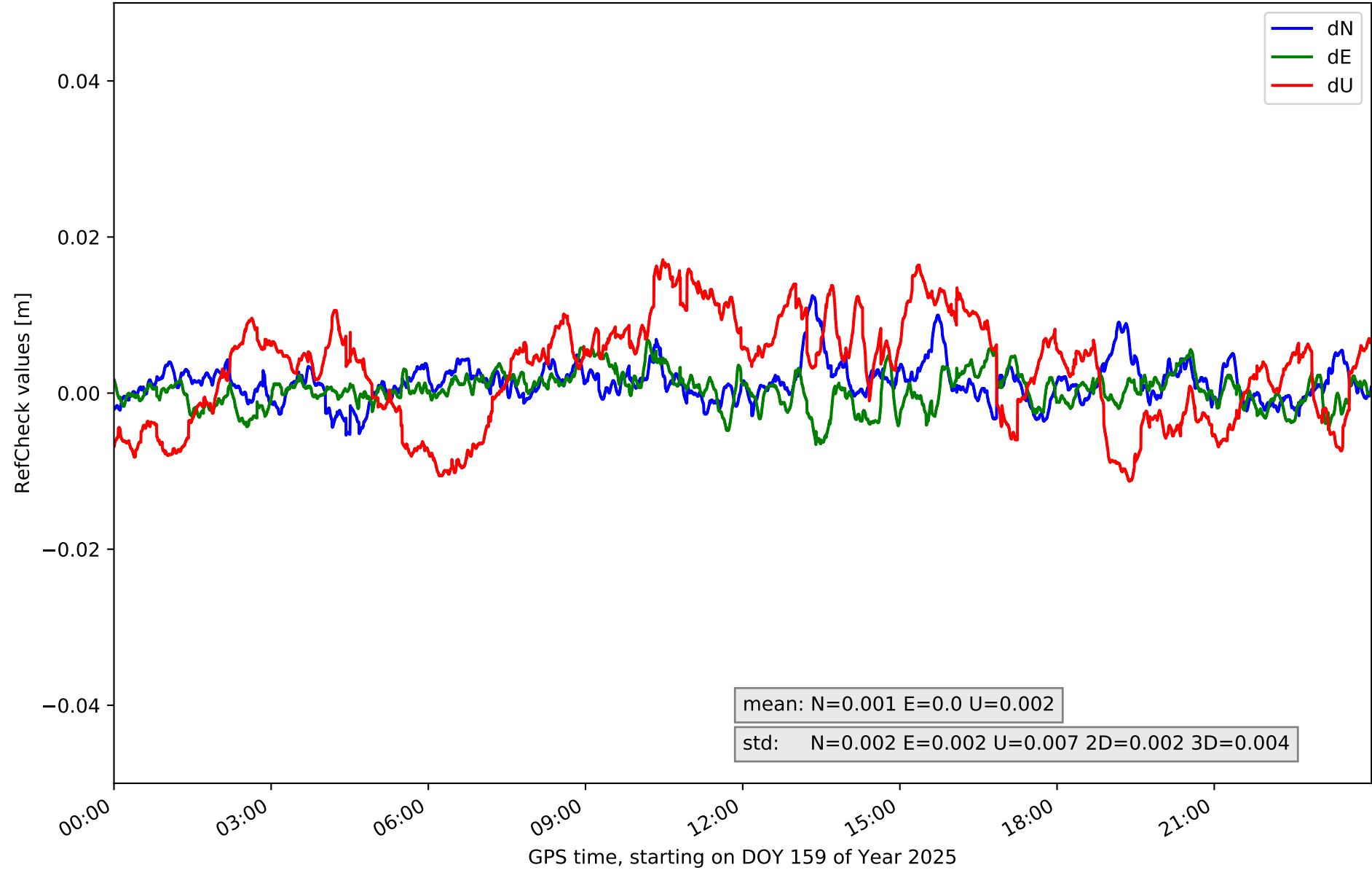




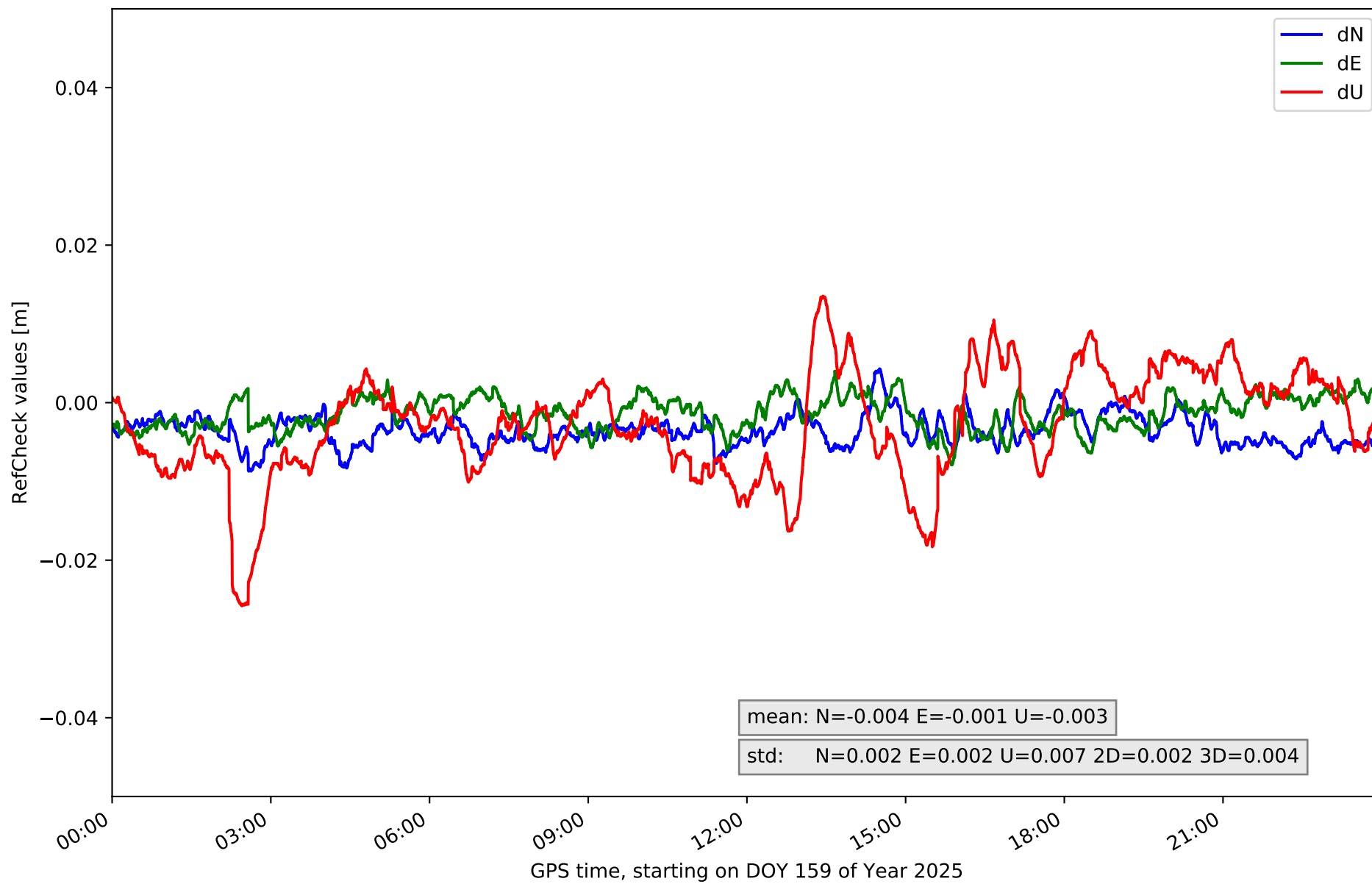
RefCheck for station IGNE in network NET1



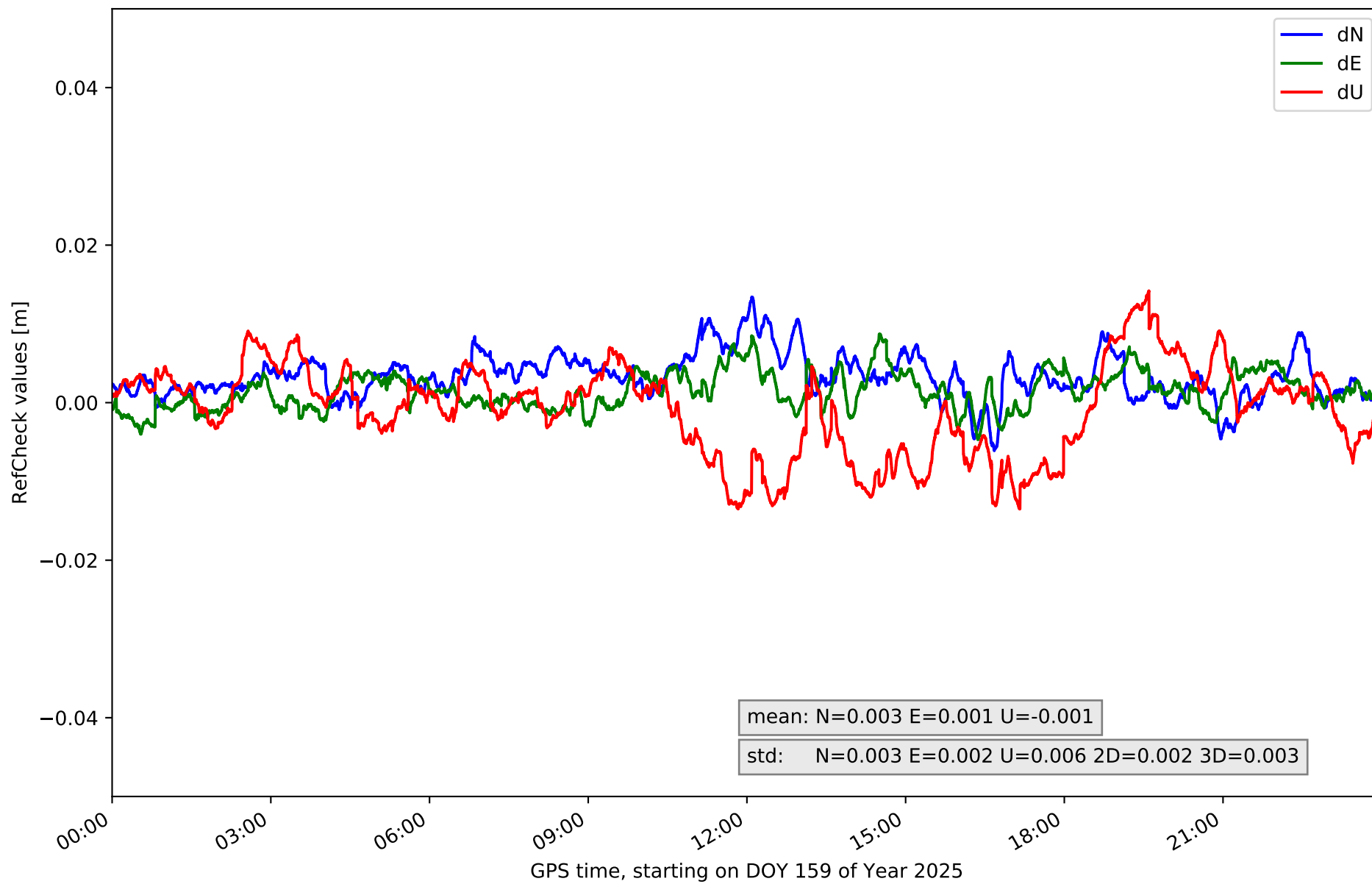
RefCheck for station MAD1 in network NET1



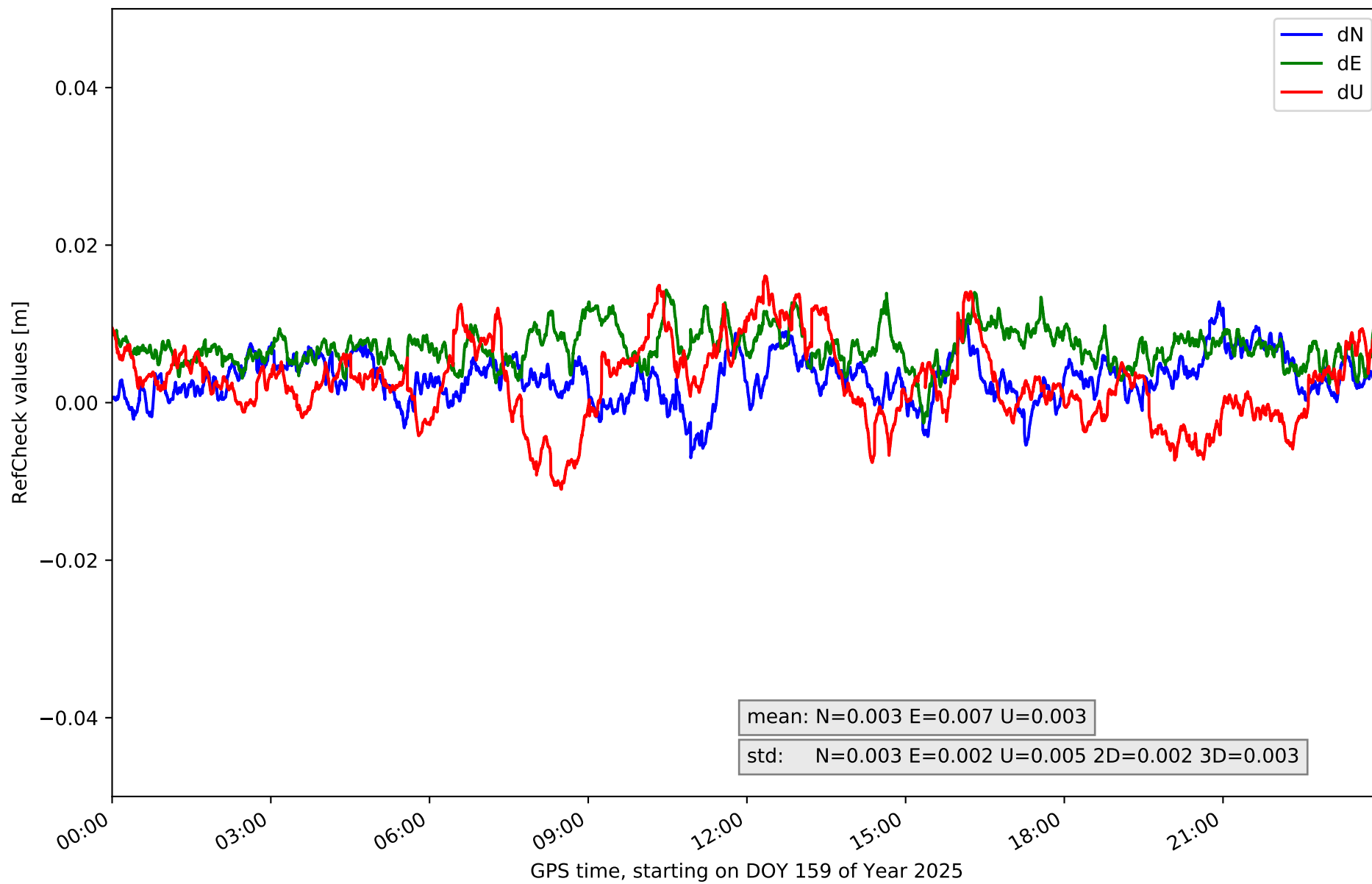
RefCheck for station NVDA in network NET1



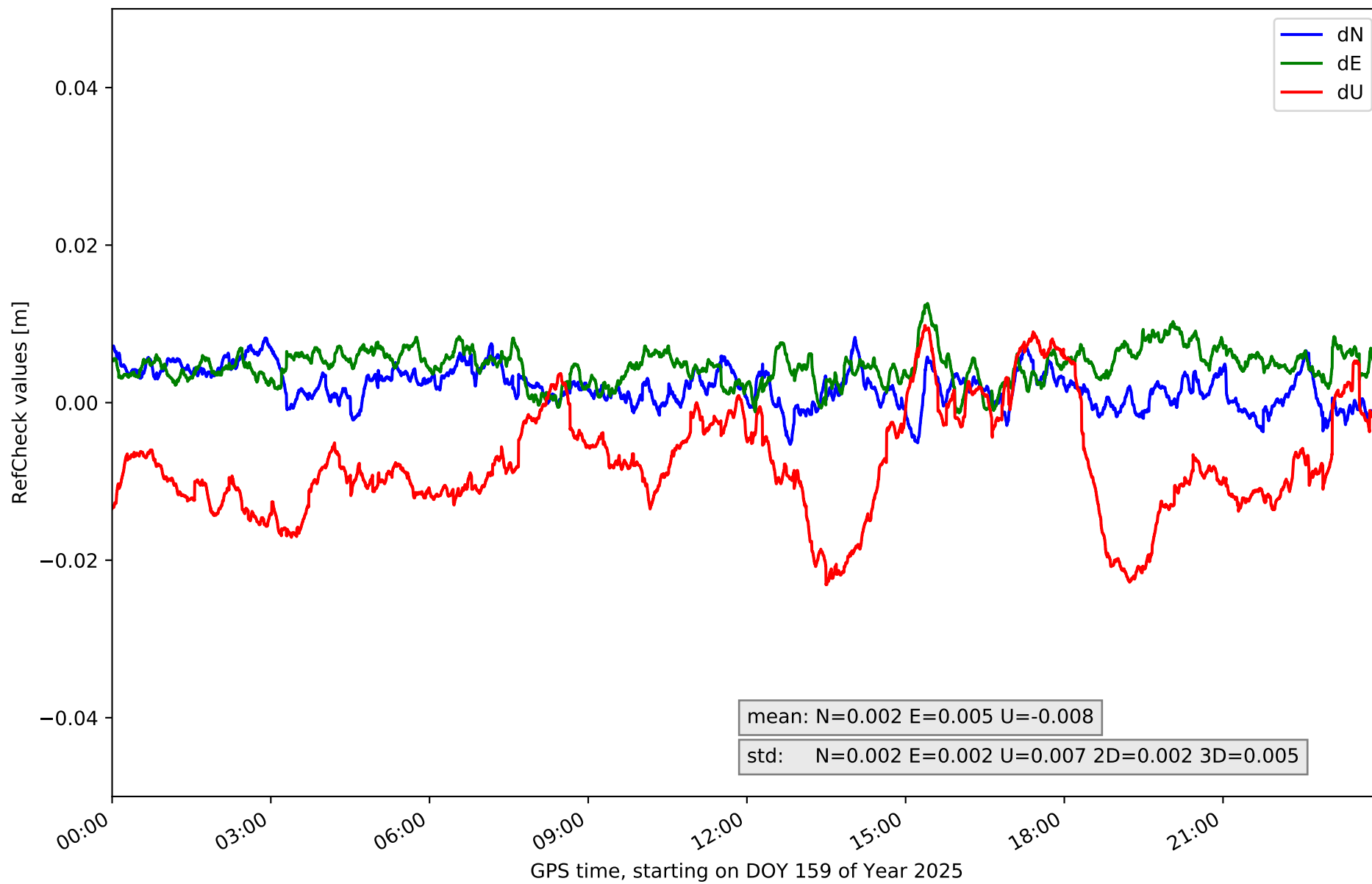
RefCheck for station OLM1 in network NET1



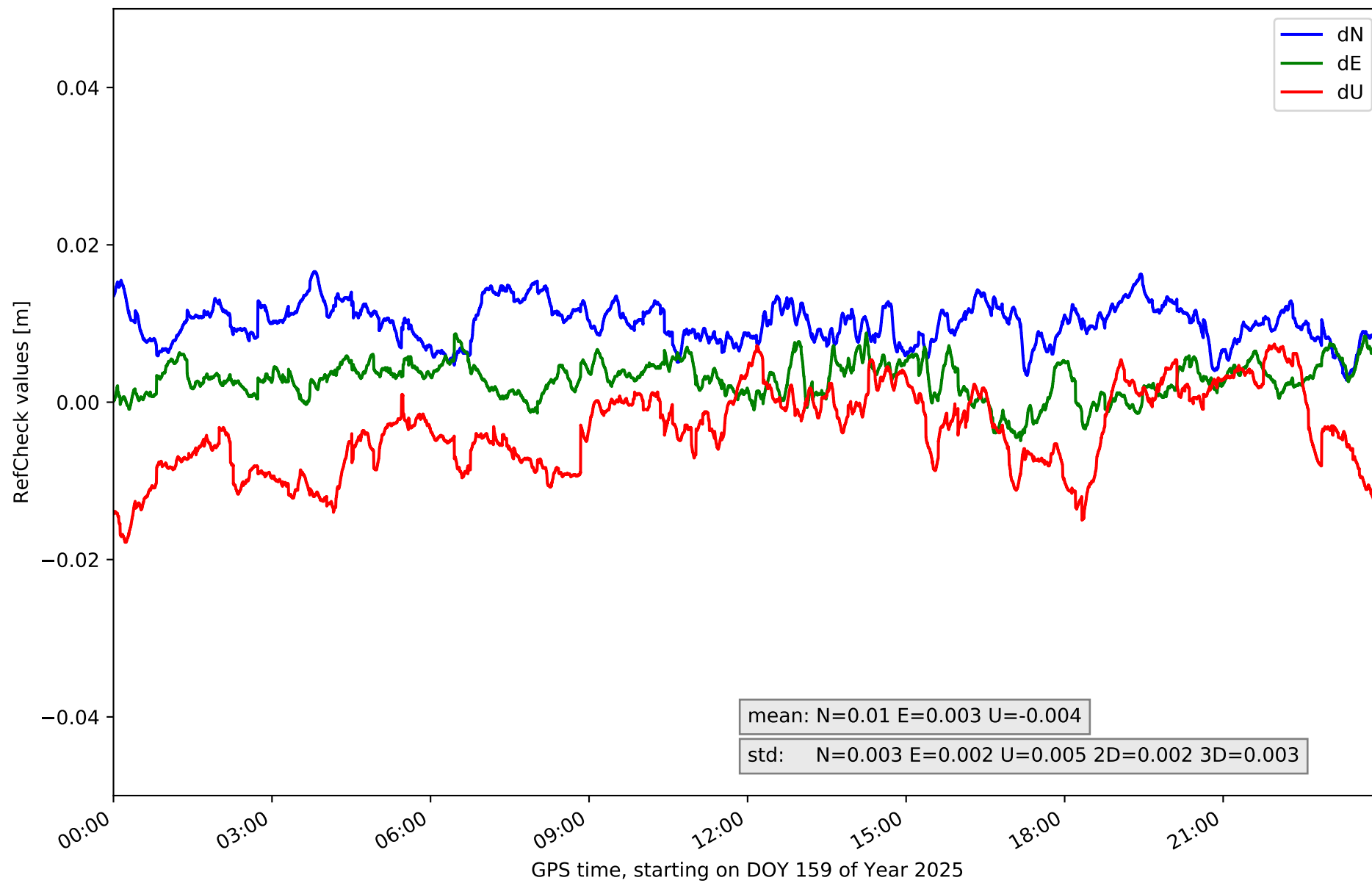
RefCheck for station ORUS in network NET1



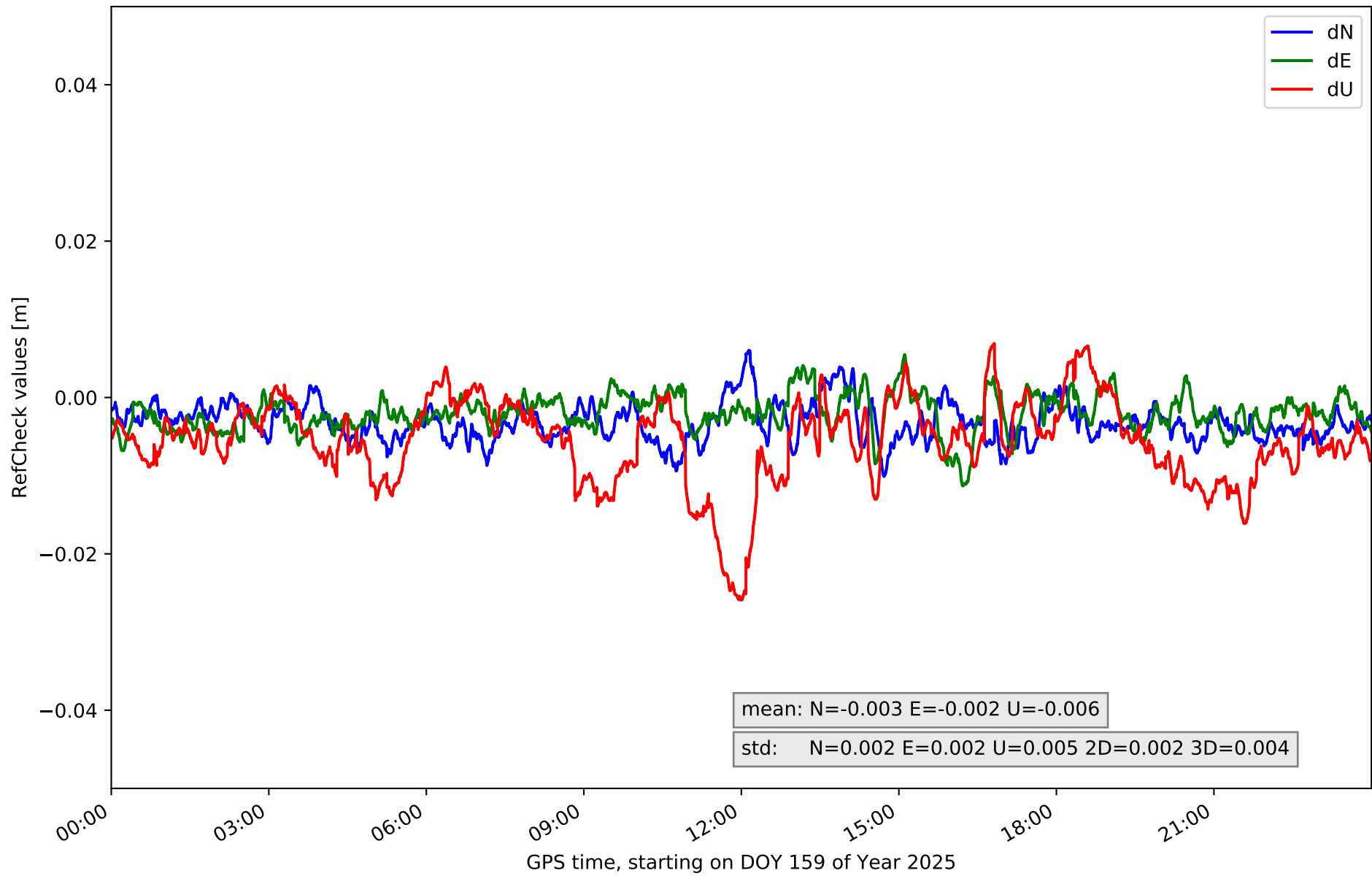
RefCheck for station PEN1 in network NET1



RefCheck for station RIA1 in network NET1

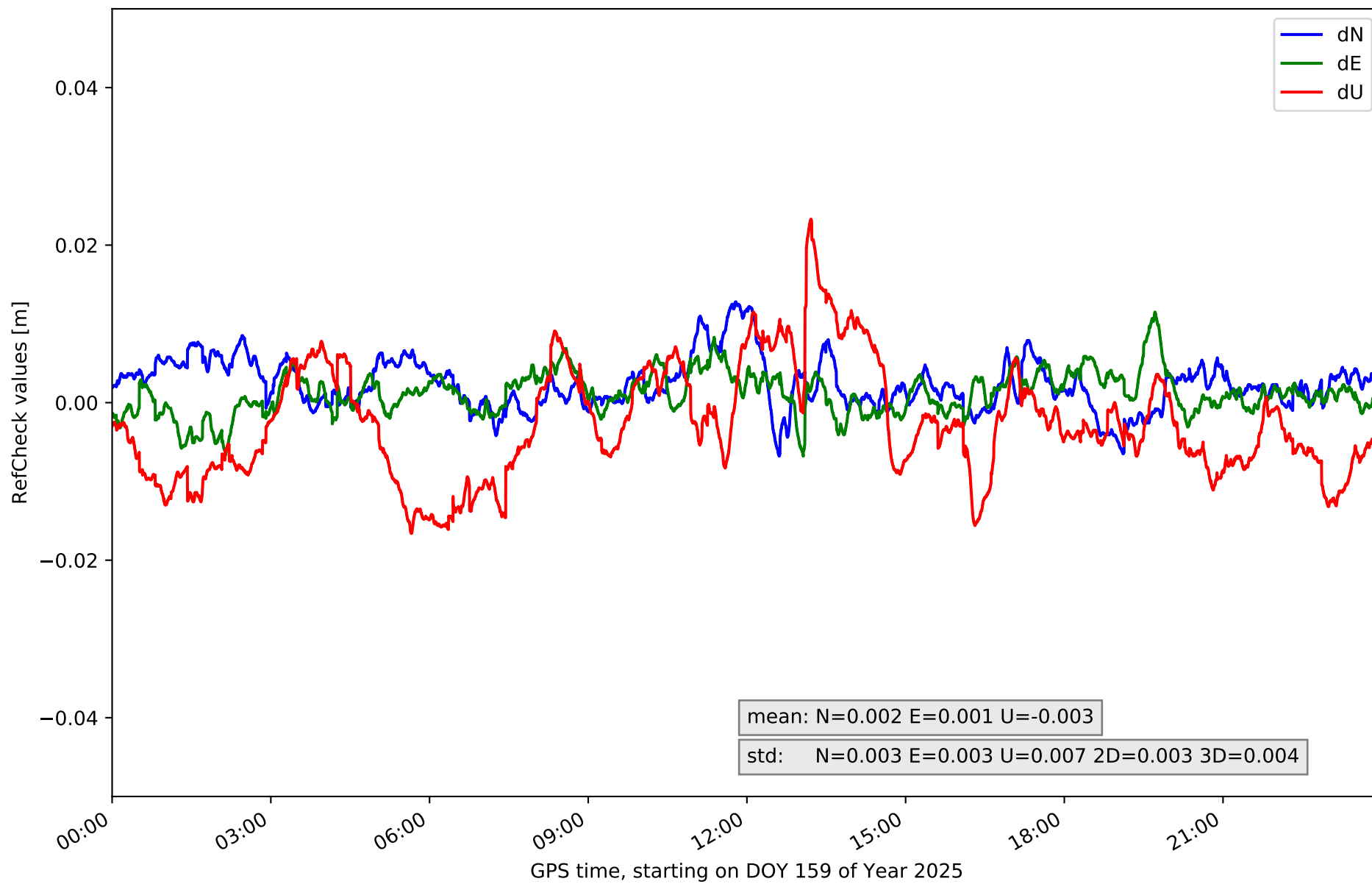


# RefCheck for station SGVA in network NET1

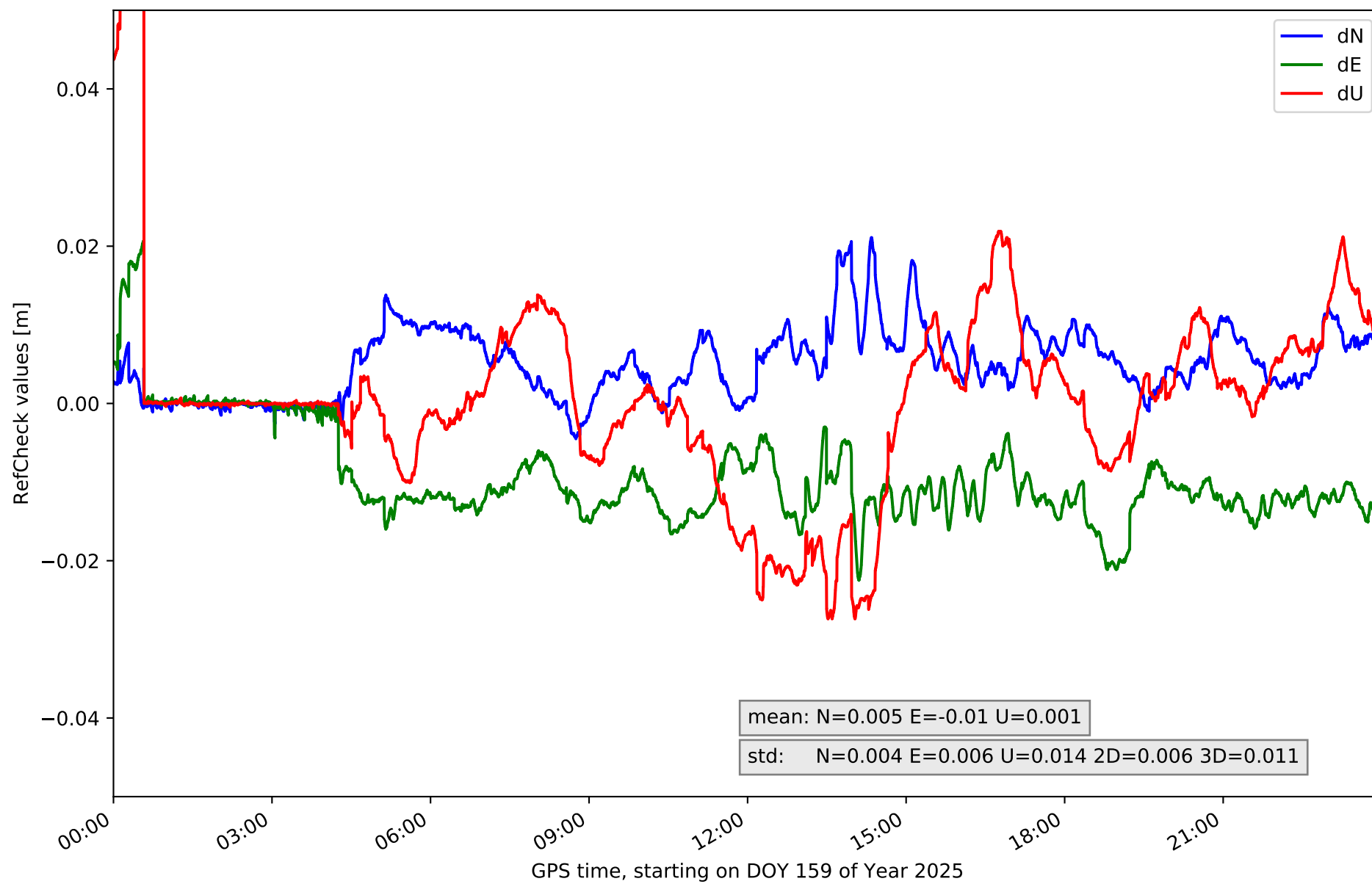




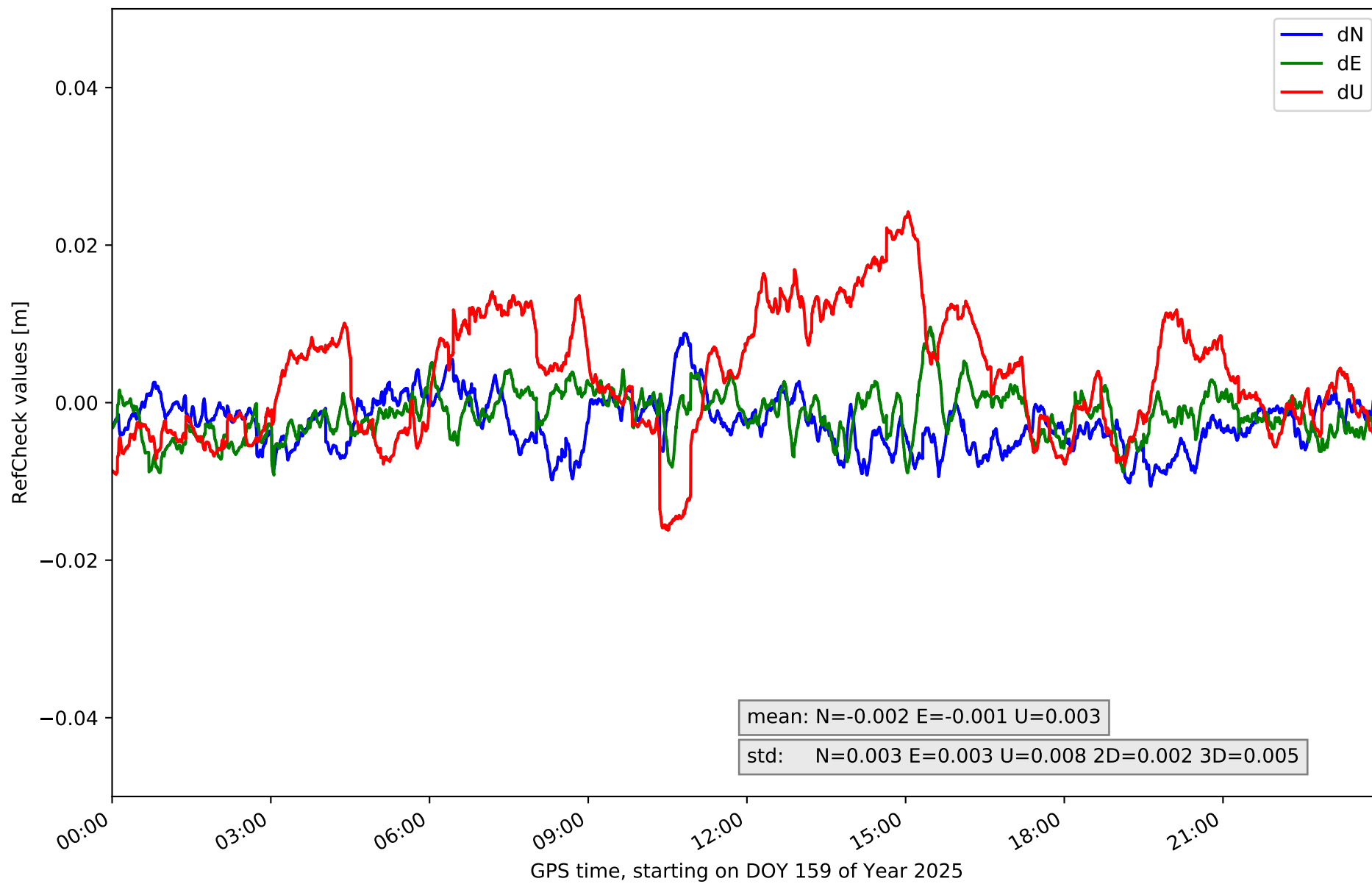
RefCheck for station SMDV in network NET1



RefCheck for station TALV in network NET1



RefCheck for station YEB1 in network NET1



RefCheck values for network NET1

| Station | Nmin   | Nmax  | Nstd  | Emin   | Emax  | Estd  | Umin   | Umax  | Ustd  | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|------------|-------------|------------|-------------|
| AJAL    | -0.018 | 0.035 | 0.006 | -0.005 | 0.012 | 0.003 | -0.035 | 0.015 | 0.006 | 0.004 | 0.005 | 26873      | 57.7        | 1936       | 4.2         |
| ARAJ    | -0.009 | 0.012 | 0.003 | -0.017 | 0.003 | 0.003 | -0.02  | 0.033 | 0.012 | 0.003 | 0.007 | 9131       | 19.6        | 9673       | 20.8        |
| ARSP    | -0.016 | 0.01  | 0.005 | -0.009 | 0.01  | 0.003 | -0.02  | 0.023 | 0.008 | 0.003 | 0.005 | 3566       | 7.7         | 1444       | 3.1         |
| AVI2    | -0.012 | 0.007 | 0.003 | -0.014 | -0.0  | 0.002 | -0.018 | 0.019 | 0.006 | 0.002 | 0.004 | 3616       | 7.8         | 117        | 0.3         |
| BUIT    | -0.006 | 0.013 | 0.003 | -0.002 | 0.016 | 0.003 | -0.022 | 0.022 | 0.007 | 0.003 | 0.004 | 13702      | 29.4        | 1488       | 3.2         |
| GMSR    | -0.01  | 0.008 | 0.003 | -0.011 | 0.009 | 0.003 | -0.019 | 0.014 | 0.005 | 0.002 | 0.003 | 912        | 2.0         | 0          | 0.0         |
| IGNE    | -0.012 | 0.008 | 0.003 | -0.009 | 0.009 | 0.003 | -0.014 | 0.023 | 0.006 | 0.002 | 0.004 | 440        | 0.9         | 556        | 1.2         |
| MAD1    | -0.005 | 0.013 | 0.002 | -0.007 | 0.007 | 0.002 | -0.011 | 0.017 | 0.007 | 0.002 | 0.004 | 572        | 1.2         | 0          | 0.0         |
| NVDA    | -0.009 | 0.004 | 0.002 | -0.008 | 0.004 | 0.002 | -0.026 | 0.013 | 0.007 | 0.002 | 0.004 | 0          | 0.0         | 831        | 1.8         |
| OLM1    | -0.006 | 0.013 | 0.003 | -0.005 | 0.009 | 0.002 | -0.013 | 0.014 | 0.006 | 0.002 | 0.003 | 1438       | 3.1         | 0          | 0.0         |
| ORUS    | -0.007 | 0.013 | 0.003 | -0.003 | 0.014 | 0.002 | -0.011 | 0.016 | 0.005 | 0.002 | 0.003 | 10507      | 22.6        | 32         | 0.1         |
| PEN1    | -0.005 | 0.008 | 0.002 | -0.001 | 0.013 | 0.002 | -0.023 | 0.01  | 0.007 | 0.002 | 0.005 | 759        | 1.6         | 2801       | 6.0         |
| RIA1    | 0.003  | 0.017 | 0.003 | -0.005 | 0.009 | 0.002 | -0.018 | 0.007 | 0.005 | 0.002 | 0.003 | 30052      | 64.5        | 588        | 1.3         |
| SGVA    | -0.01  | 0.006 | 0.002 | -0.011 | 0.005 | 0.002 | -0.026 | 0.007 | 0.005 | 0.002 | 0.004 | 399        | 0.9         | 980        | 2.1         |
| SMDV    | -0.007 | 0.013 | 0.003 | -0.007 | 0.011 | 0.003 | -0.017 | 0.023 | 0.007 | 0.003 | 0.004 | 1832       | 3.9         | 272        | 0.6         |
| TALV    | -0.004 | 0.021 | 0.004 | -0.022 | 0.021 | 0.006 | -0.027 | 0.082 | 0.014 | 0.006 | 0.011 | 34639      | 74.4        | 9095       | 19.5        |
| YEB1    | -0.011 | 0.009 | 0.003 | -0.009 | 0.01  | 0.003 | -0.016 | 0.024 | 0.008 | 0.002 | 0.005 | 742        | 1.6         | 1183       | 2.5         |
| Mean    | -0.008 | 0.012 | 0.003 | -0.009 | 0.01  | 0.003 | -0.02  | 0.021 | 0.007 | 0.003 | 0.005 | 8187.1     | 17.6        | 1823.3     | 3.9         |
| Min/Max | -0.018 | 0.035 | 0.006 | -0.022 | 0.021 | 0.006 | -0.035 | 0.082 | 0.014 | 0.006 | 0.011 | 34639      | 74.4        | 9673       | 20.8        |

## fixing statistic for network NET1

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 89.9     | 91.8 | 92.4 | 91.6 | 84.9 |
| considering satellites with dual-frequency fixed | 86.2     | 87.3 | 87.2 | 86.6 | 83.3 |
| considering all signals separately               | 86.2     | 87.4 | 87.2 | 86.8 | 82.6 |