

## summary for network NET4

timeperiod chosen: from 2025-11-01-00:00:00 until 2025-11-01-23:59:58

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

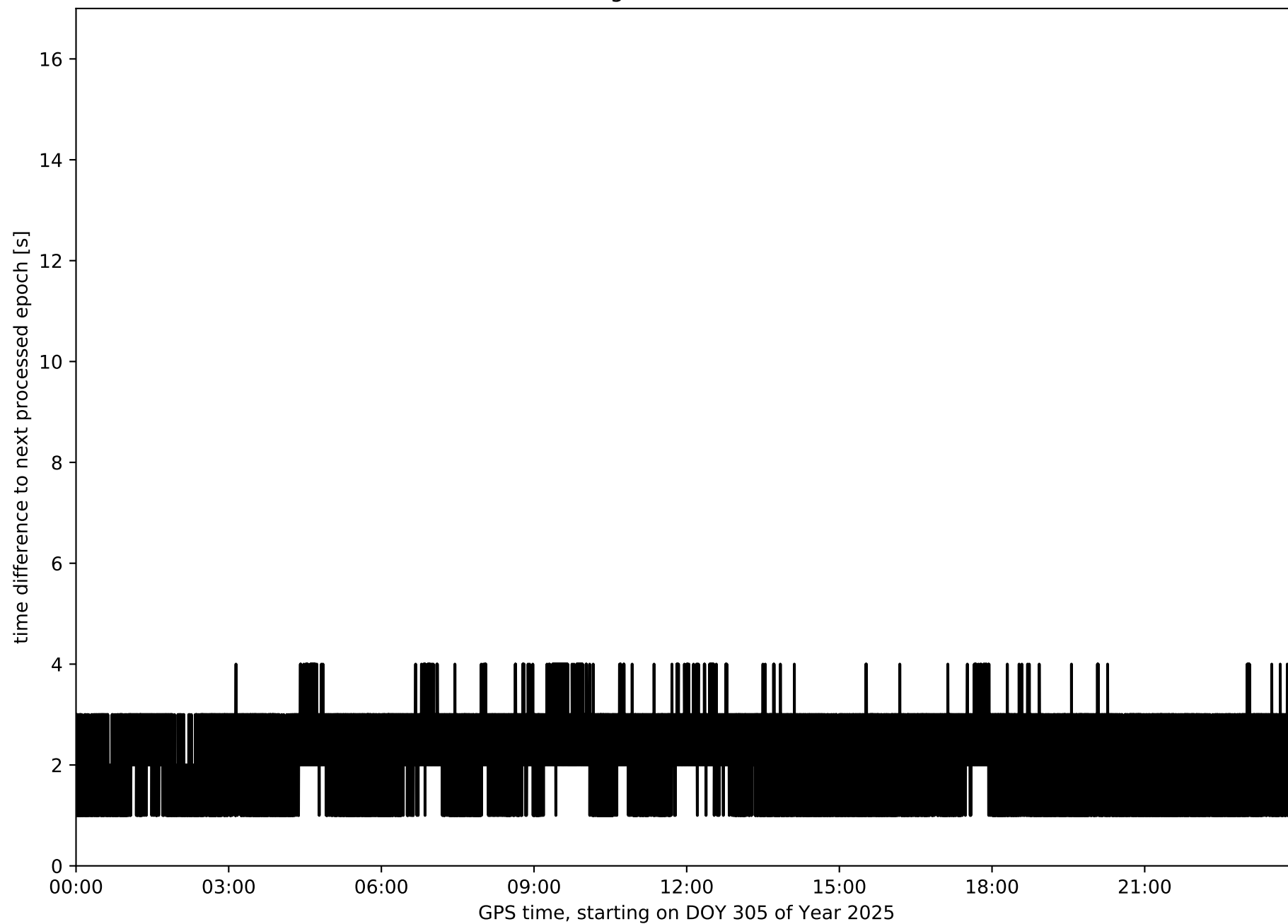
average fixing percentage with threshold set to 0.3: 94.7 percent

stations available: 17 of 17

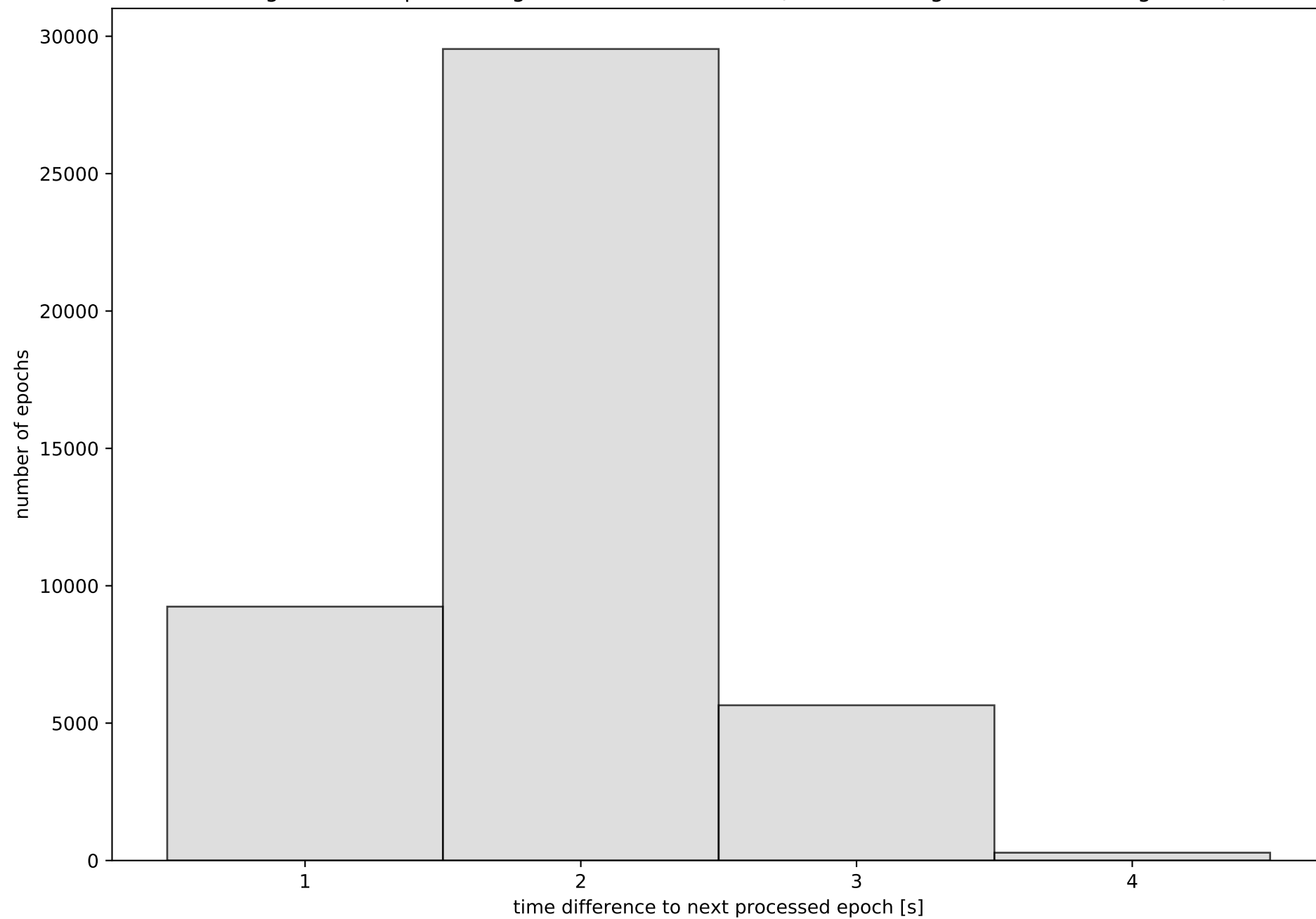
station information:

|               |                         |      |                         |                  |
|---------------|-------------------------|------|-------------------------|------------------|
| station ACNS: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 871.274  |
| station CDRD: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 679.356  |
| station GUIJ: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 1065.441 |
| station LERM: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 926.169  |
| station MDNR: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 811.482  |
| station MYRG: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 843.889  |
| station PALE: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 797.588  |
| station PDB1: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 970.98   |
| station SALA: | antenna: LEIAR25        | NONE | receiver: LEICA GR50    | height: 855.021  |
| station SALD: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 971.366  |
| station STVD: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 807.544  |
| station TORO: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 806.931  |
| station VALA: | antenna: LEIAR25.R3     | NONE | receiver: LEICA GR30    | height: 765.886  |
| station VLFF: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 746.802  |
| station VNAN: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 864.291  |
| station VTGD: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 834.528  |
| station ZMRA: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9 | height: 740.708  |

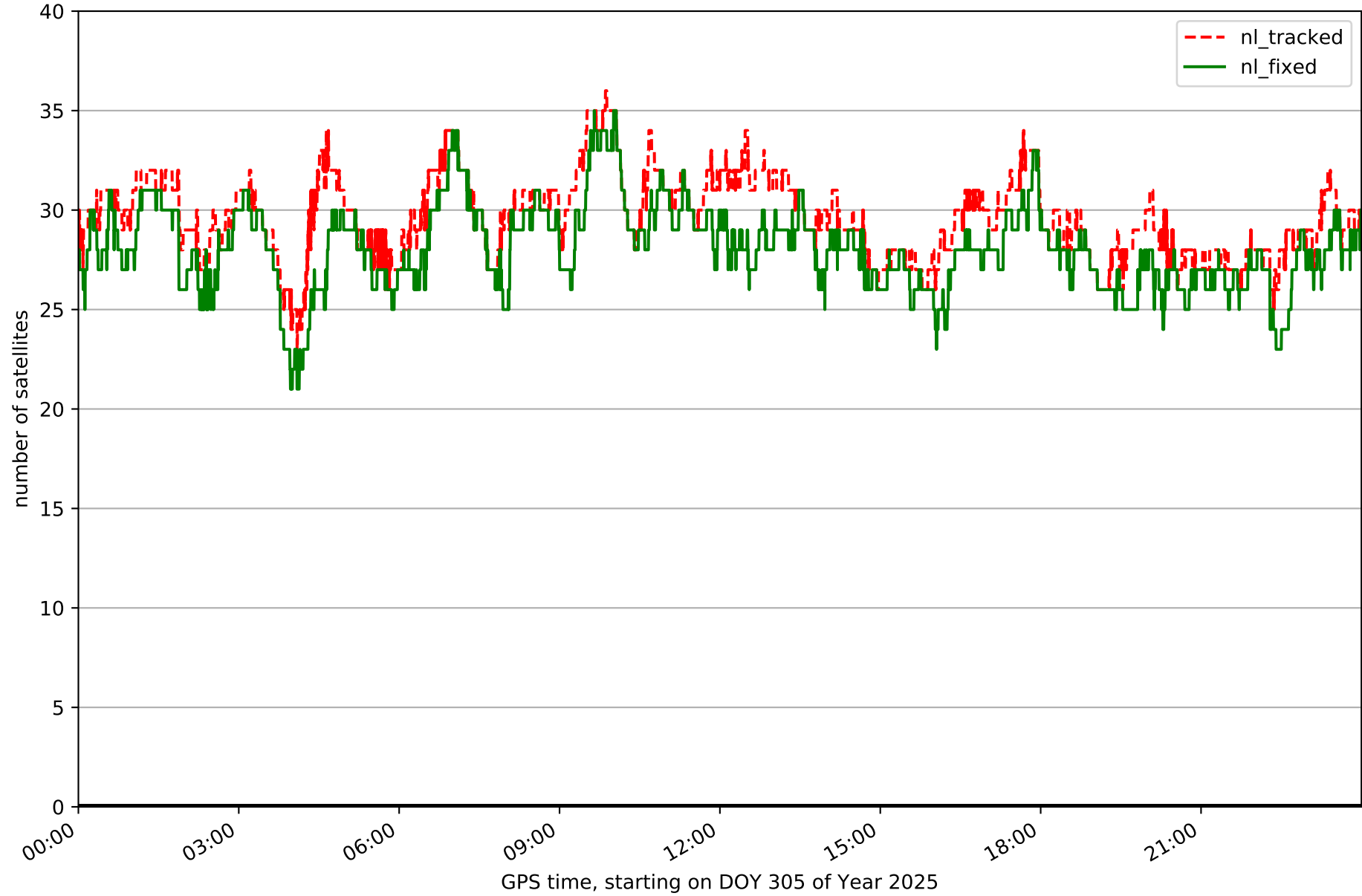
Processing rate in network NET4



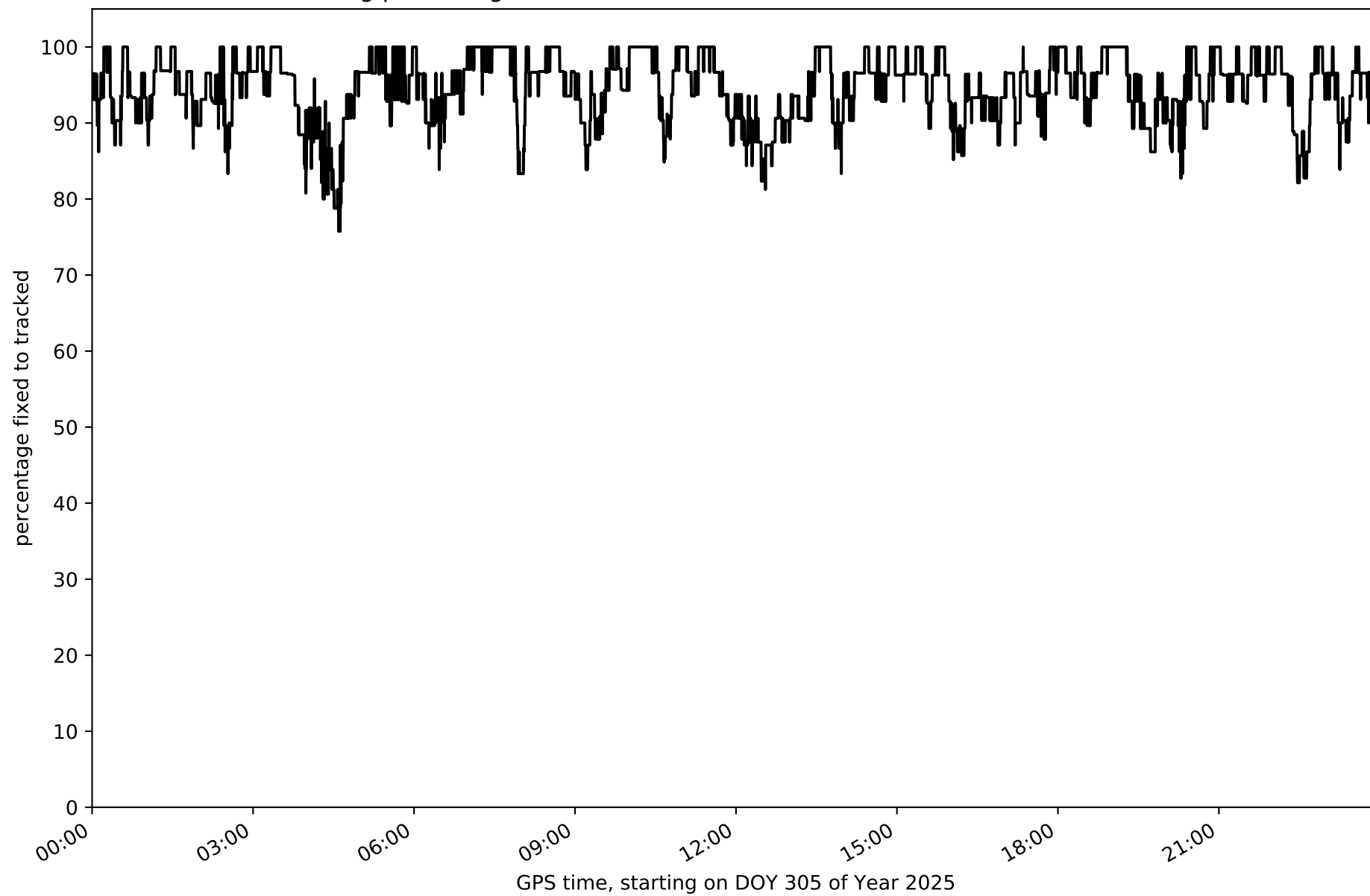
Histogram of the processing rate in network NET4 (durations larger 15 seconds neglected)



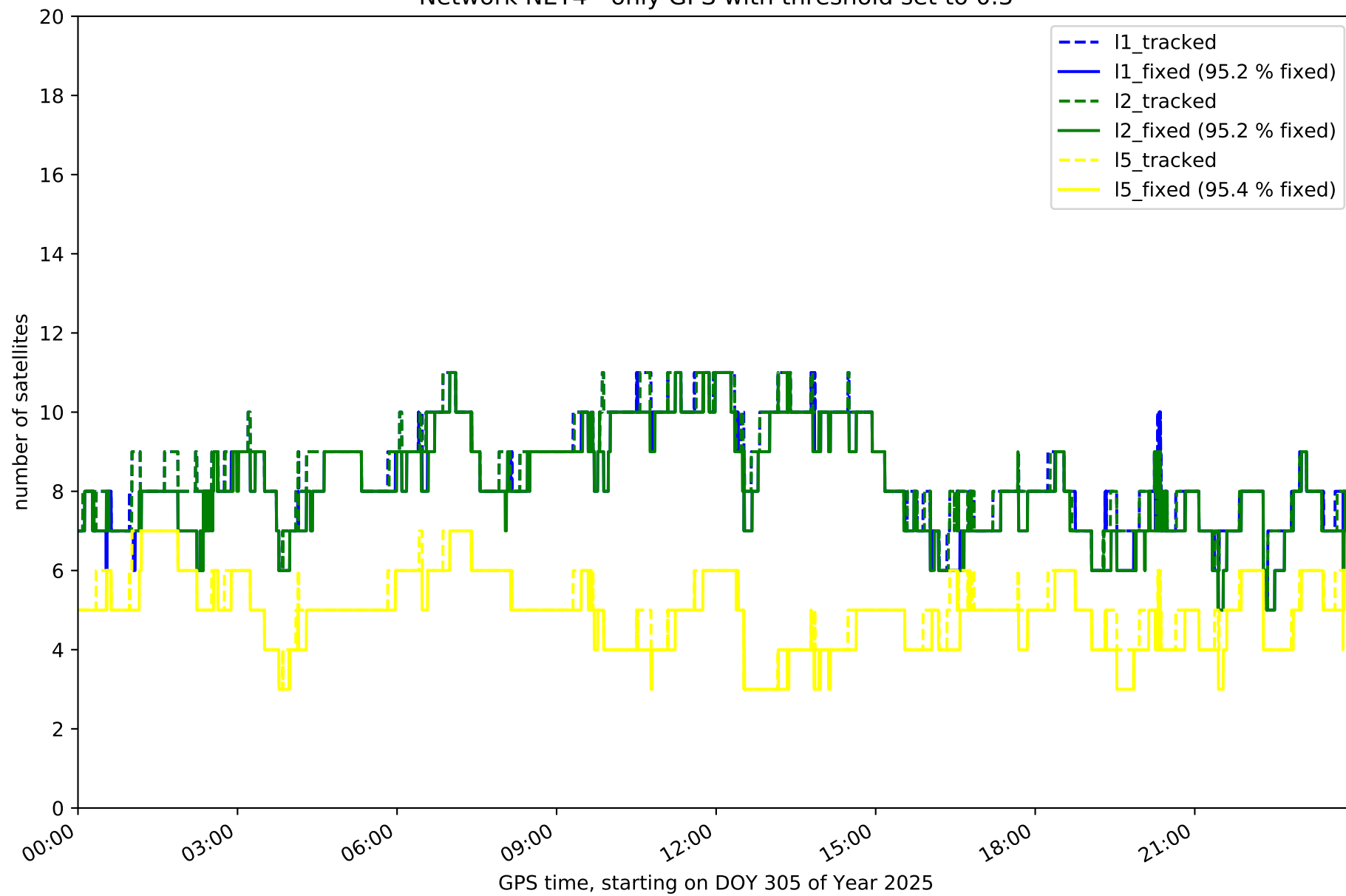
Network NET4 with threshold set to 0.3



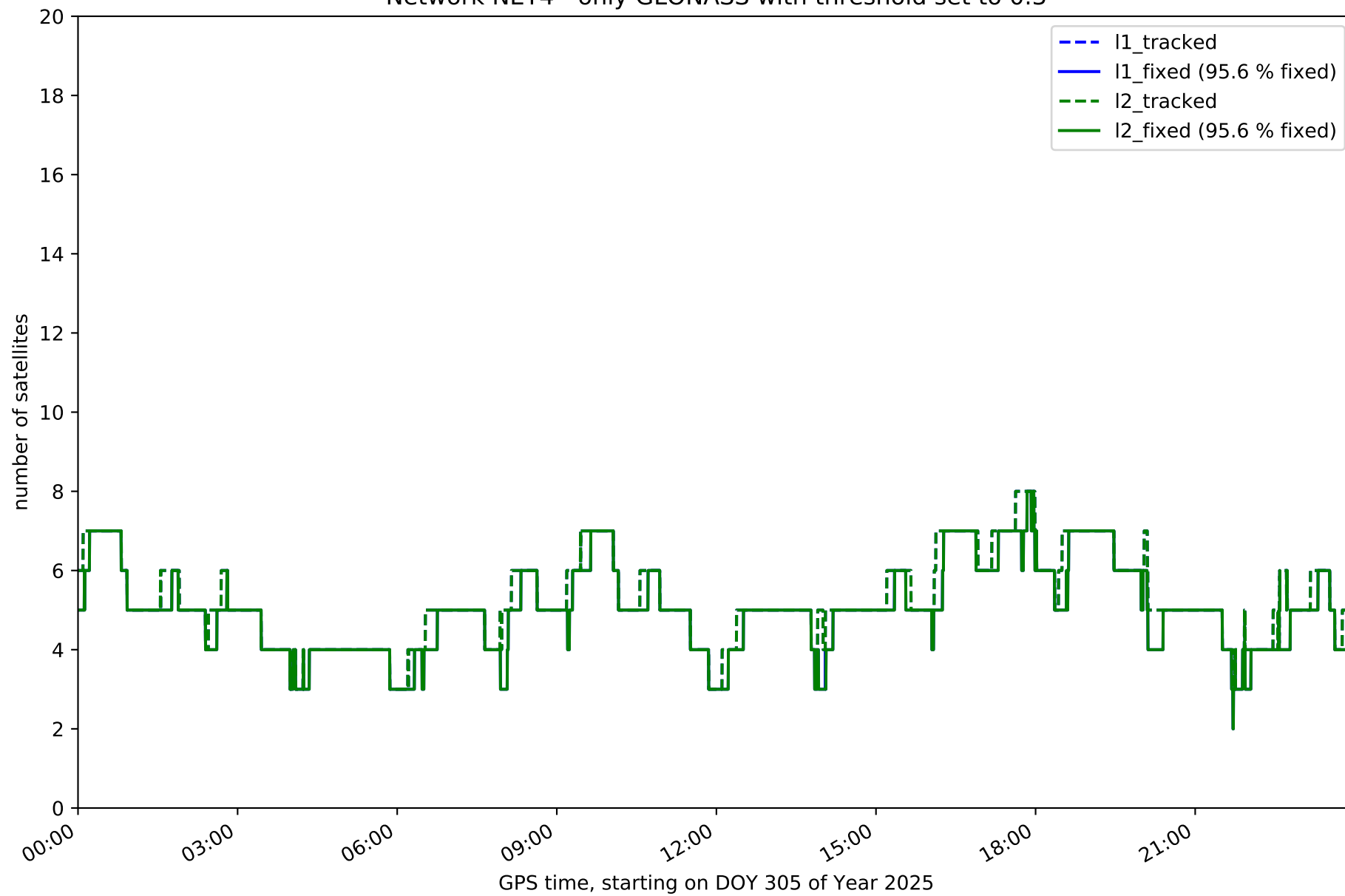
Fixing percentage of satellites in network NET4 with threshold set to 0.3



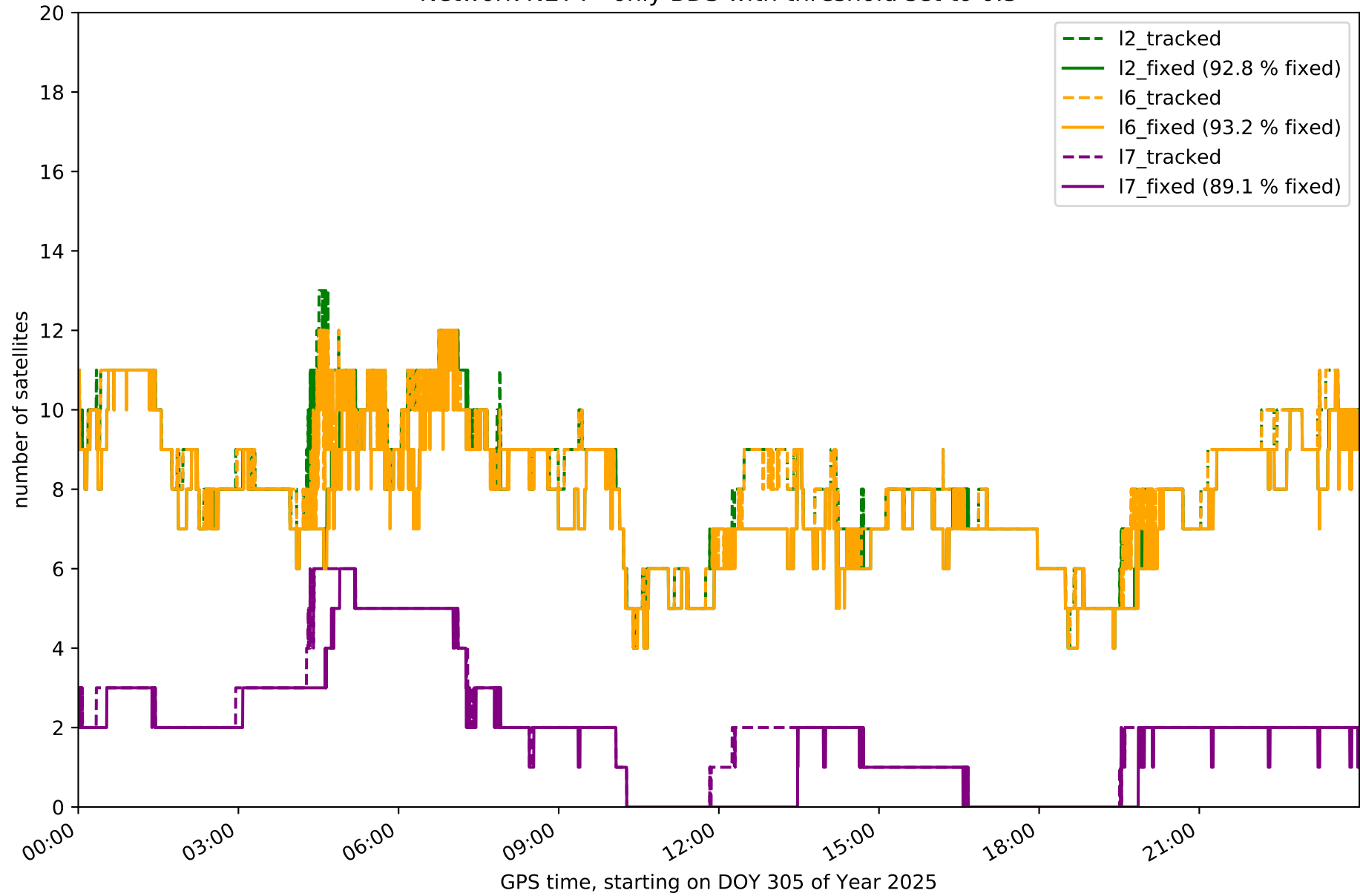
Network NET4 - only GPS with threshold set to 0.3



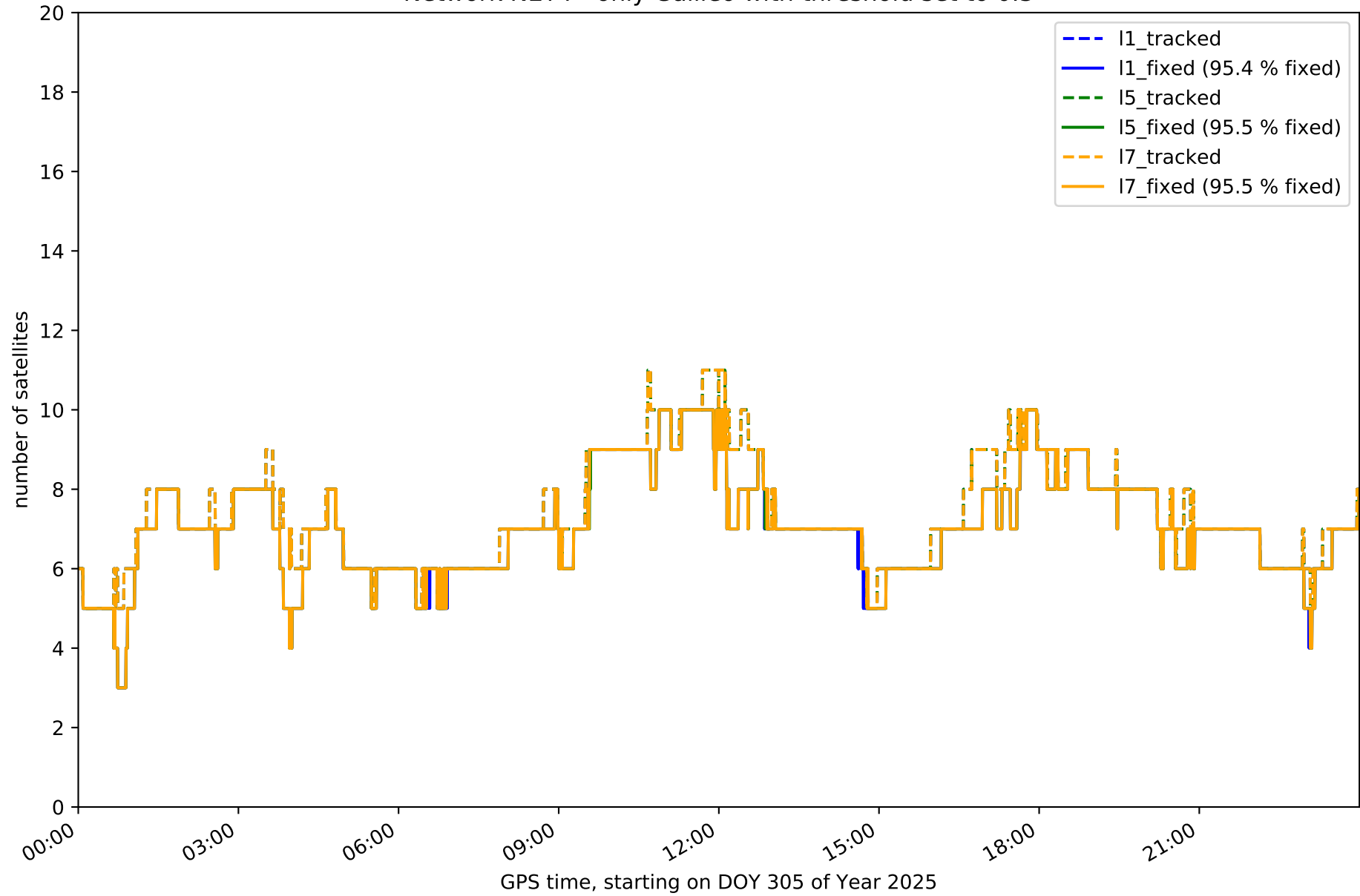
Network NET4 - only GLONASS with threshold set to 0.3



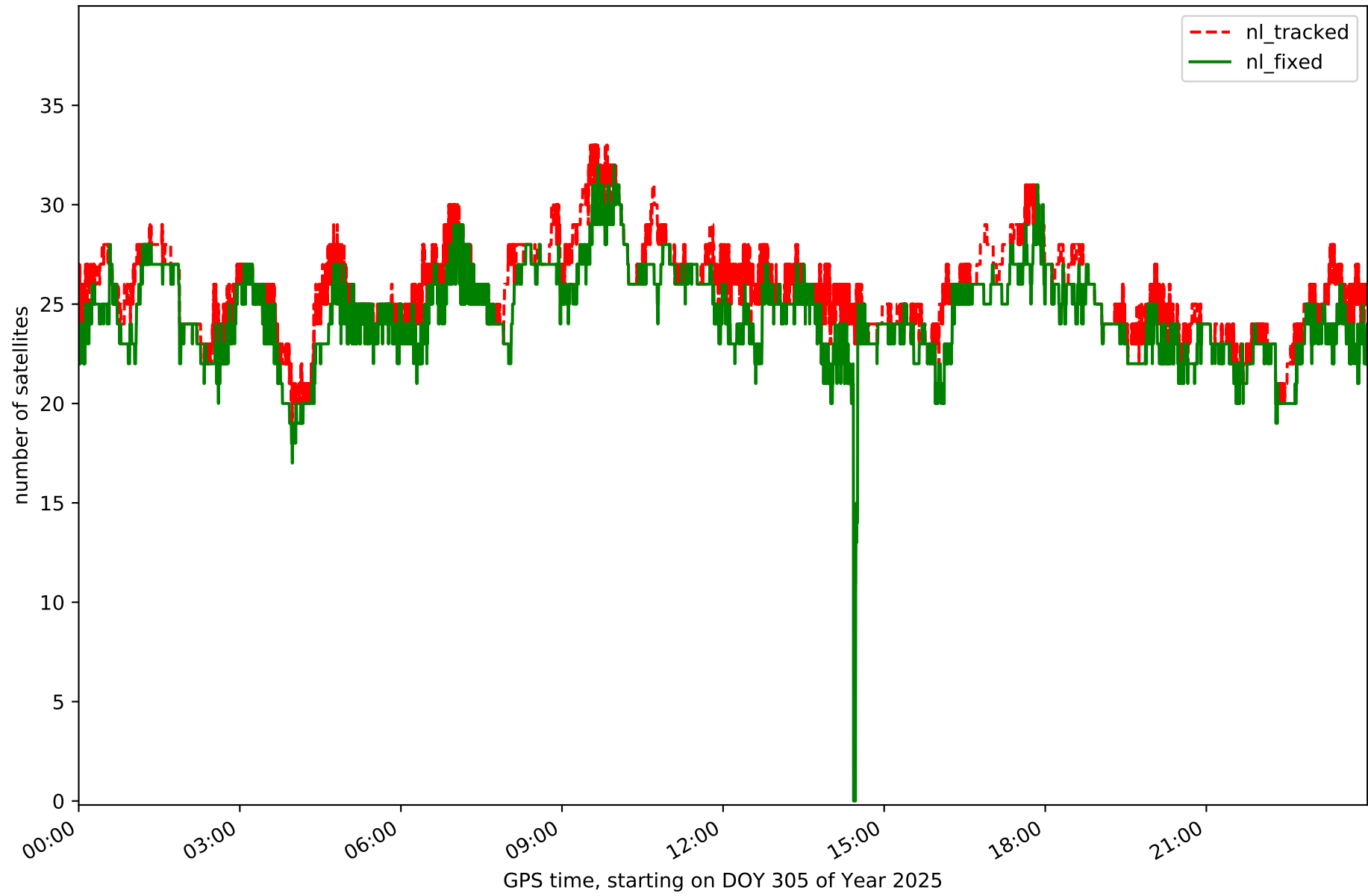
Network NET4 - only BDS with threshold set to 0.3



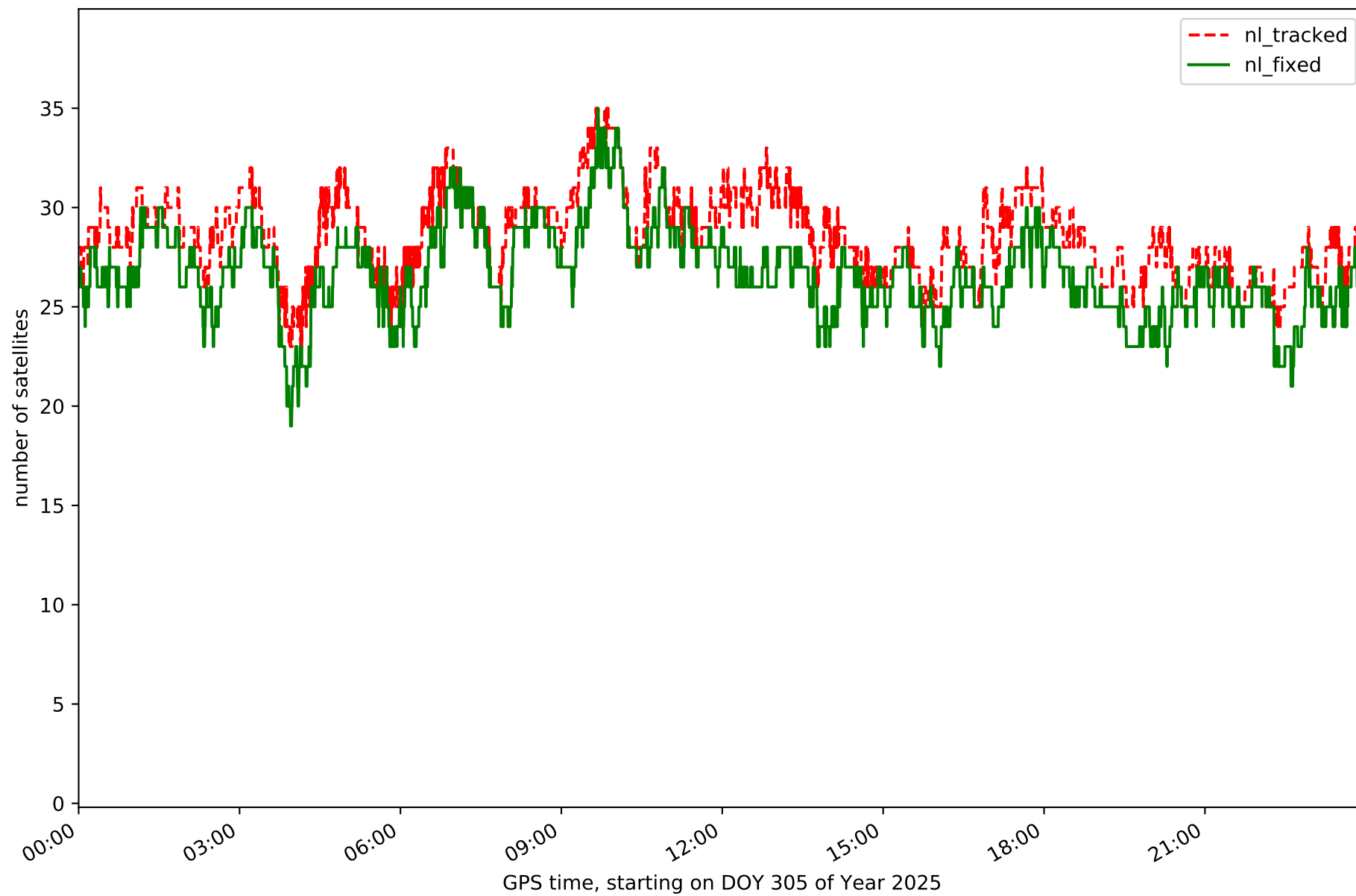
Network NET4 - only Galileo with threshold set to 0.3



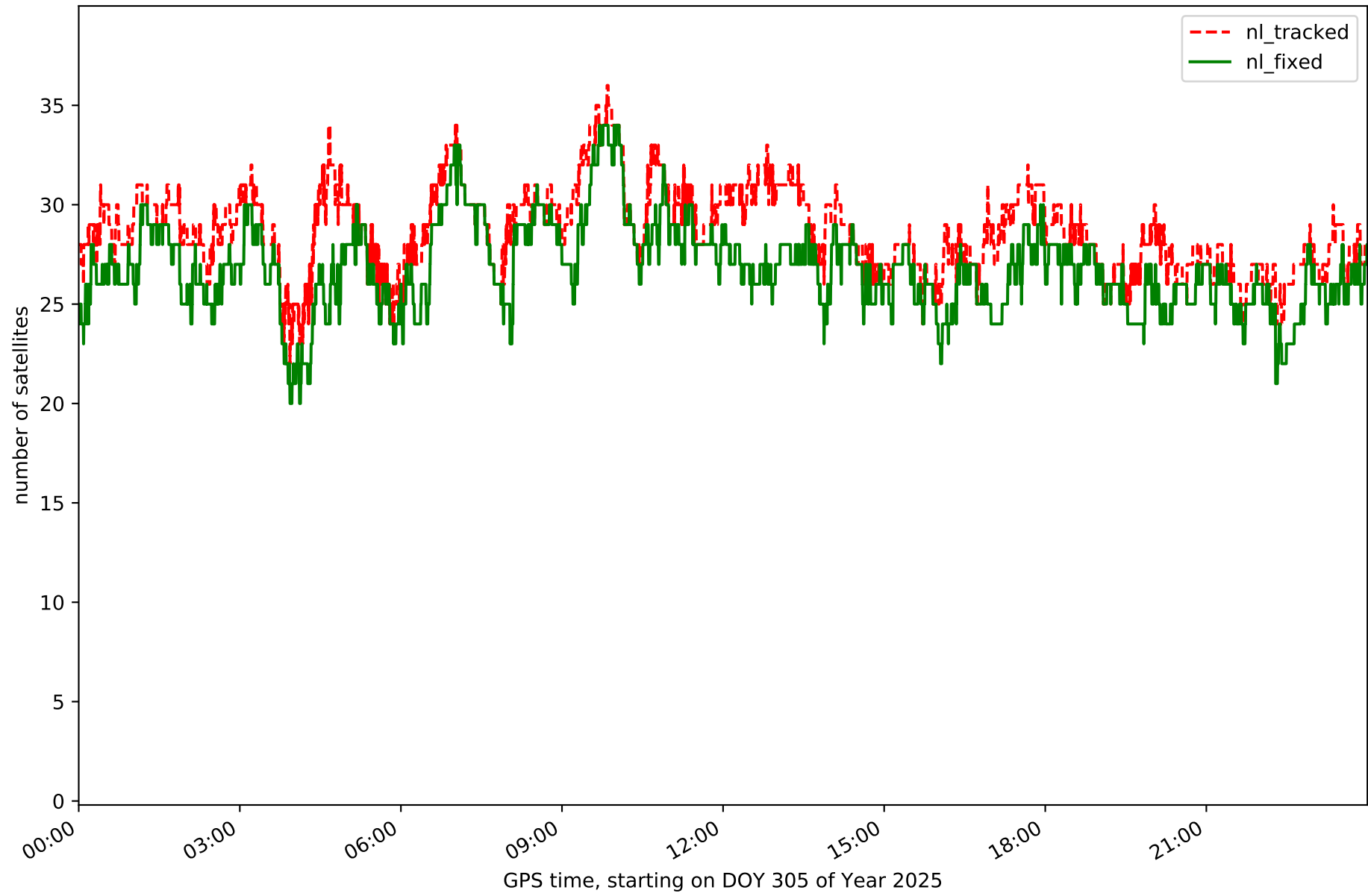
Station ACNS in network NET4



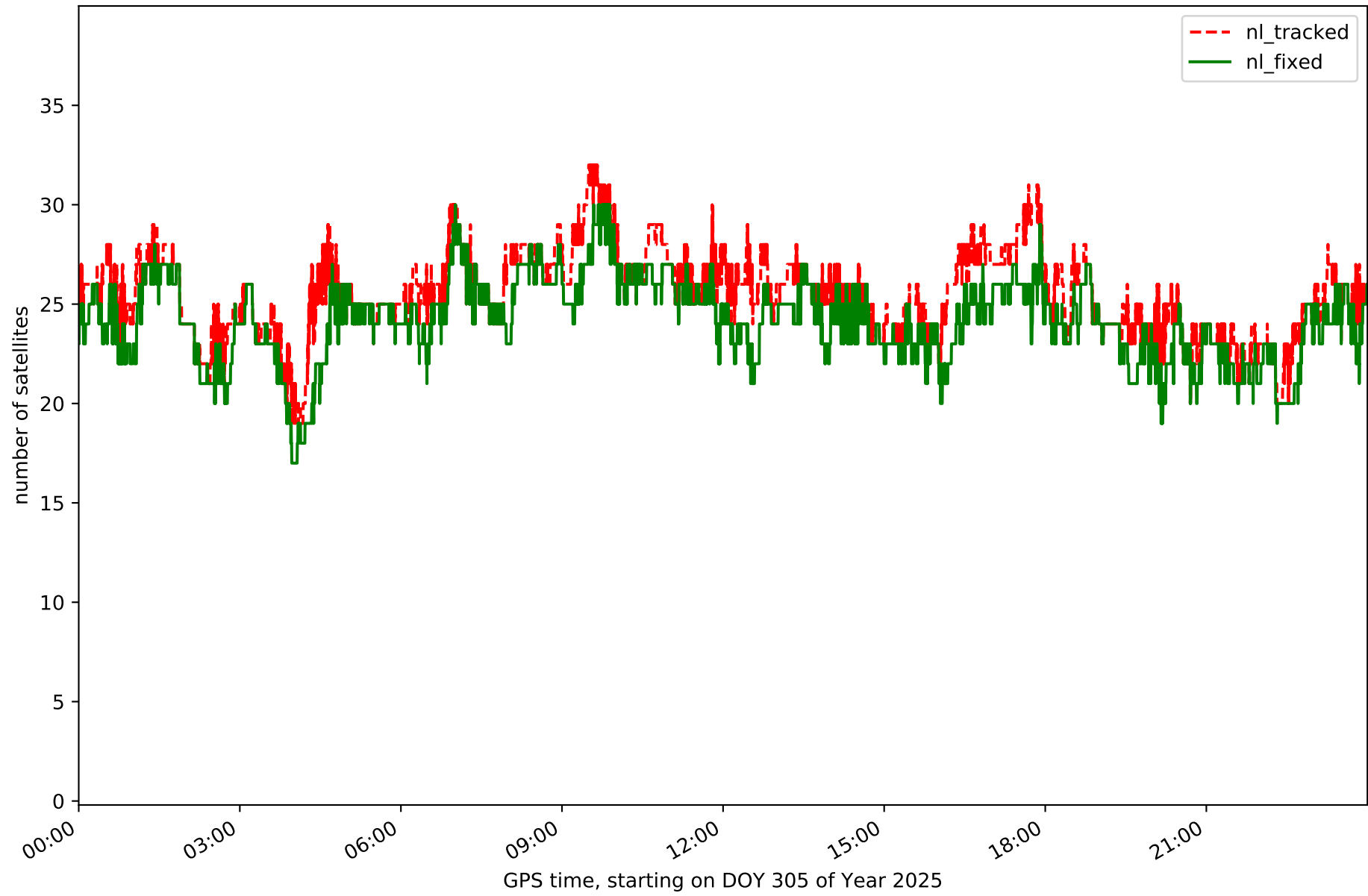
Station CDRD in network NET4



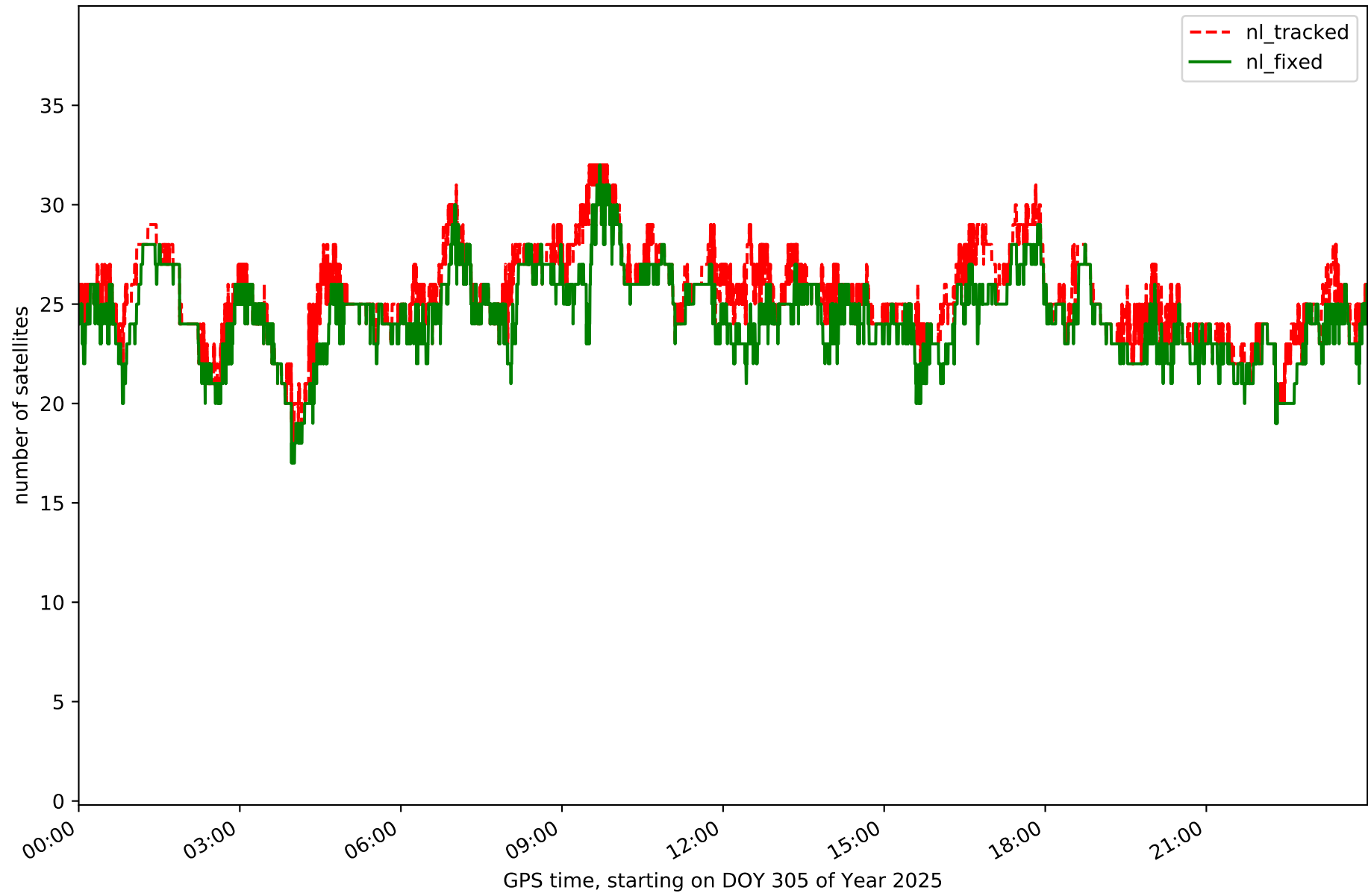
Station GUIJ in network NET4



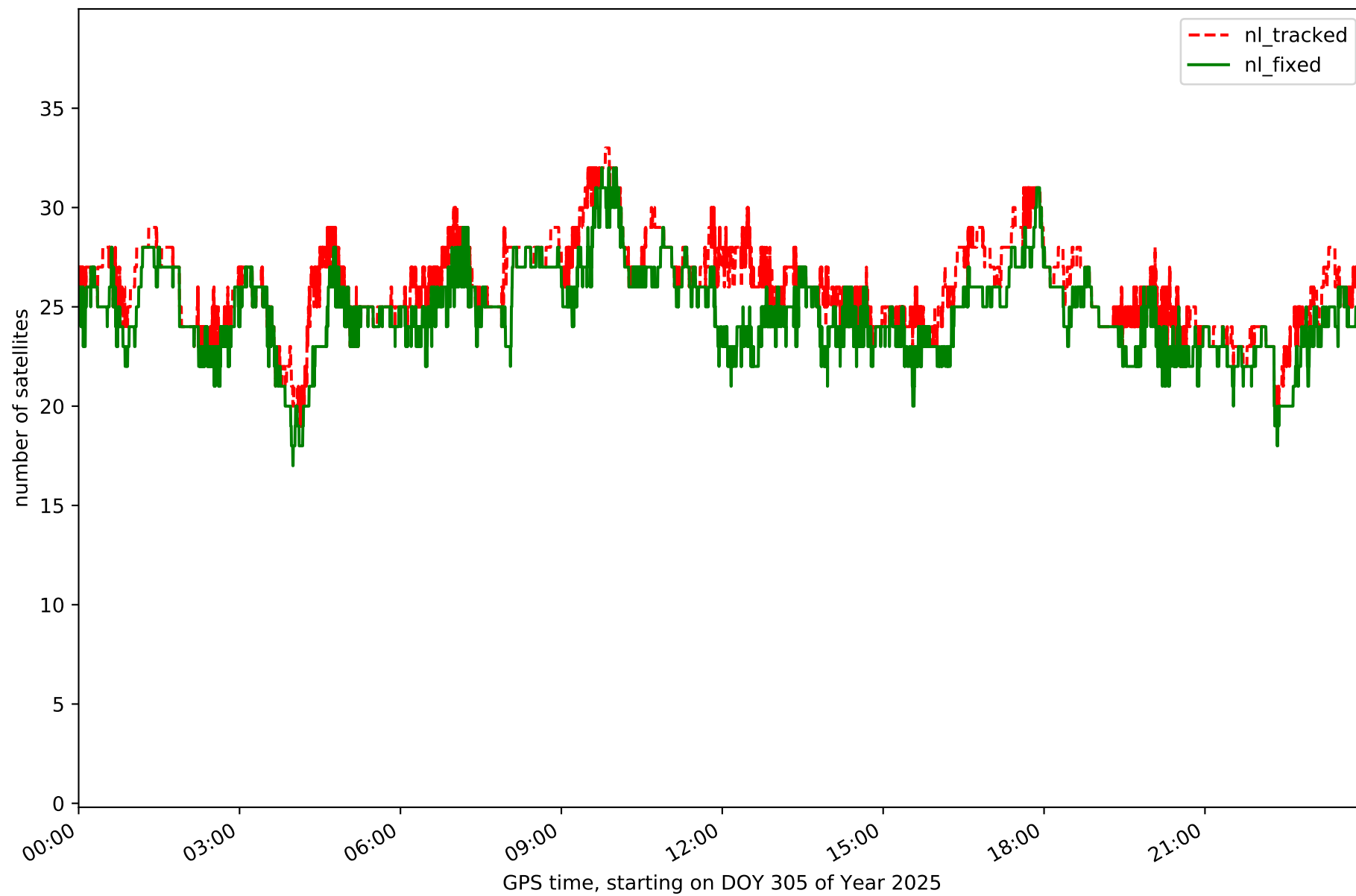
Station LERM in network NET4



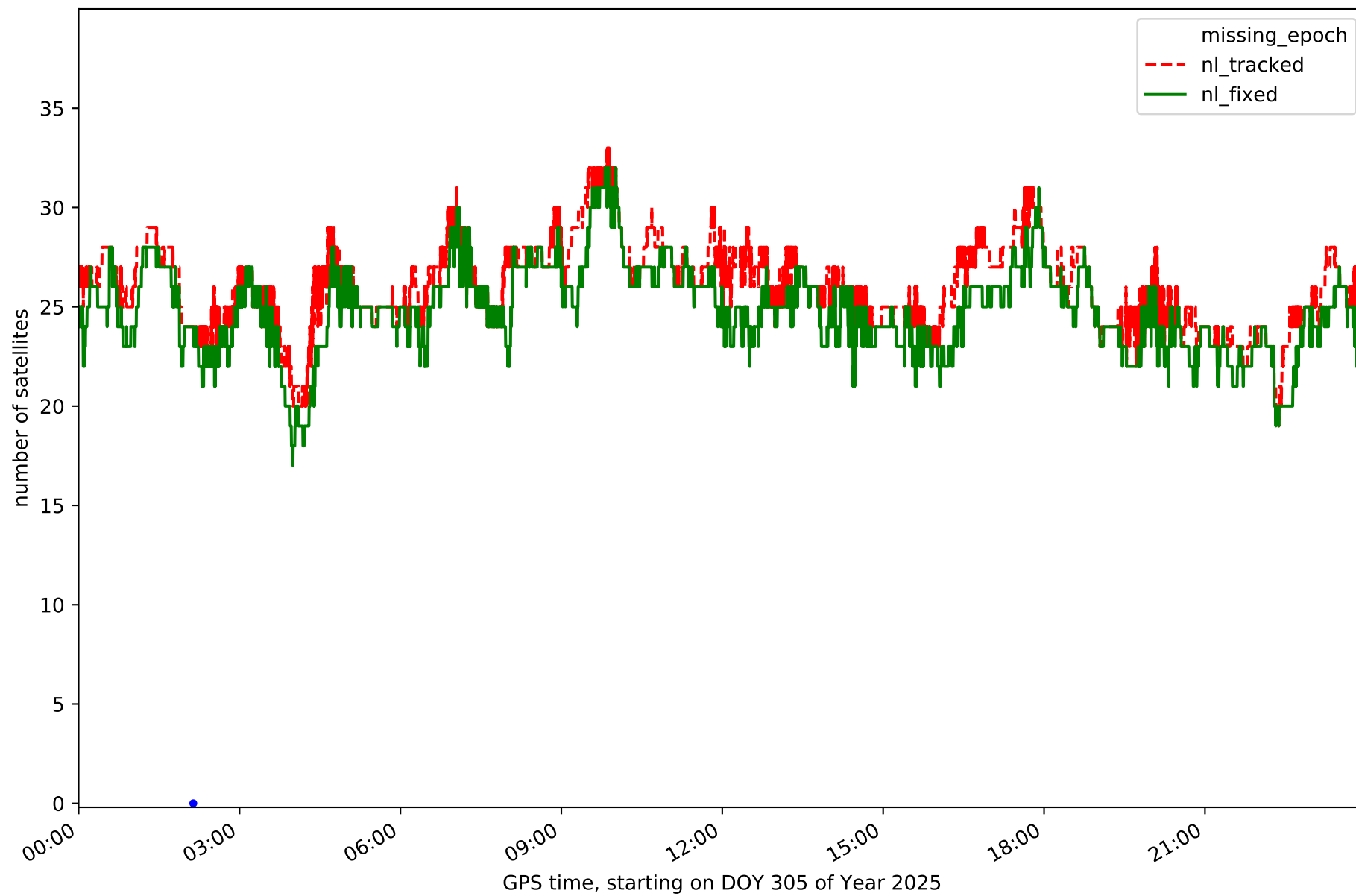
Station MDNR in network NET4



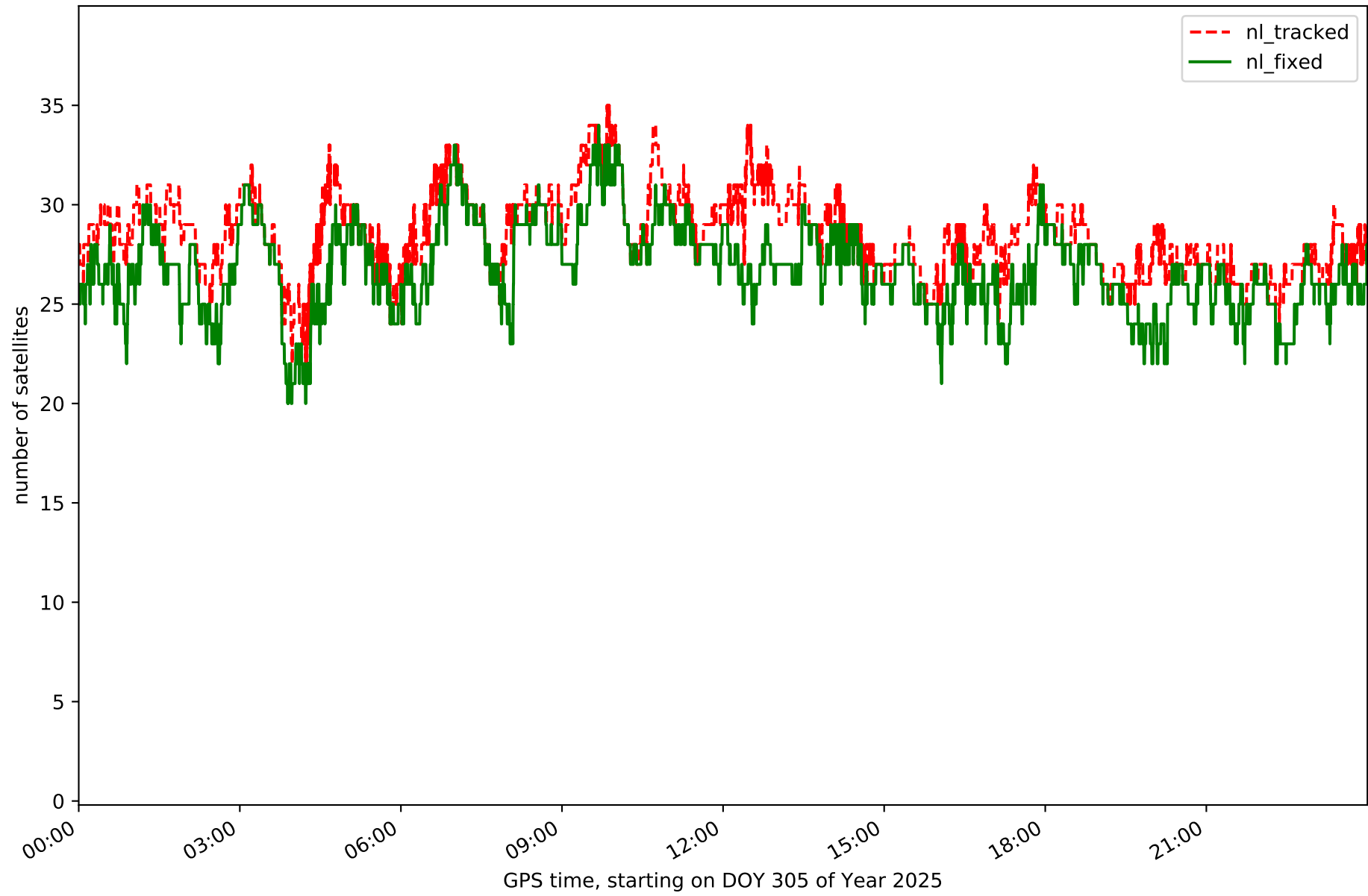
Station MYRG in network NET4



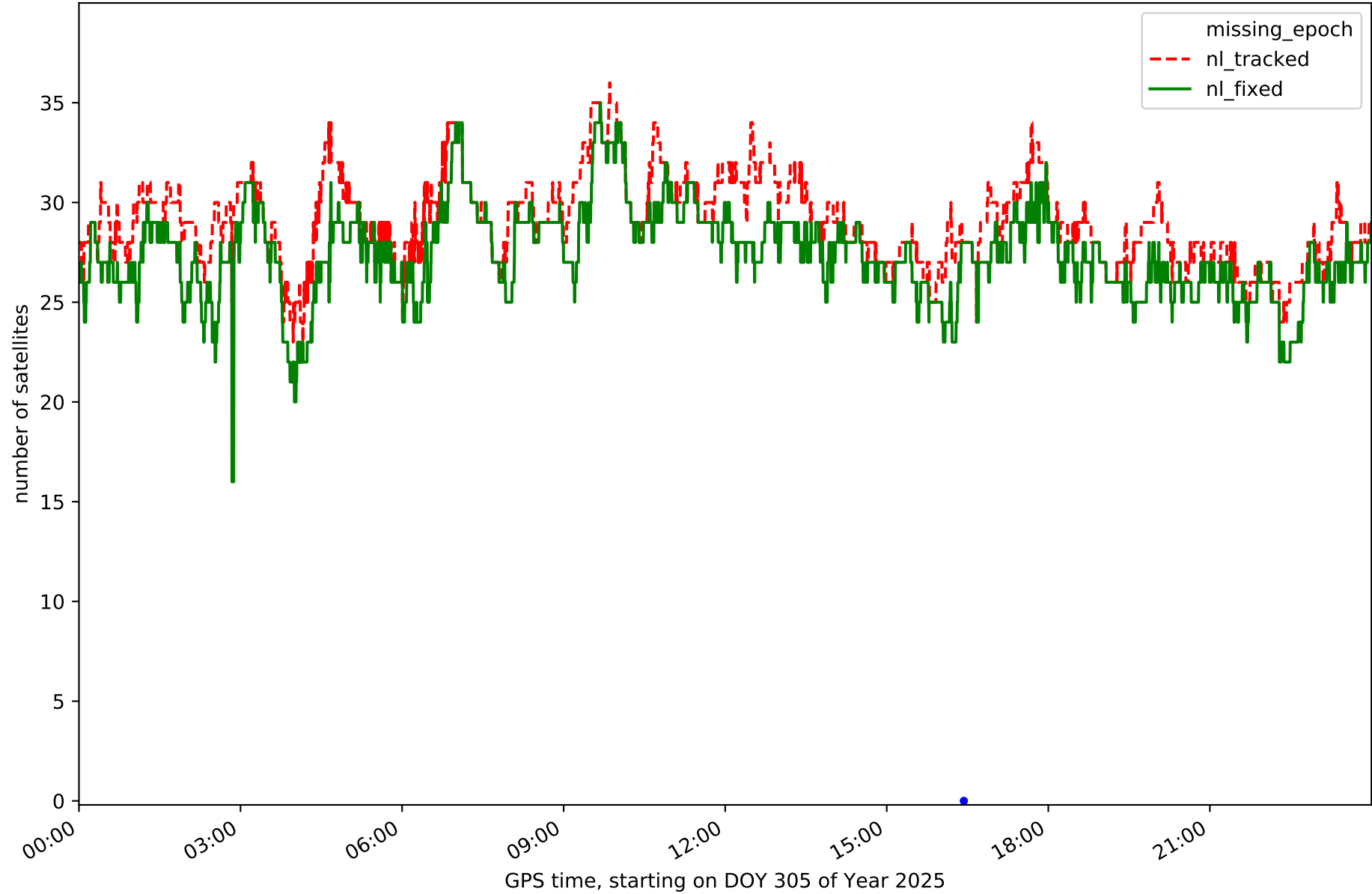
Station PALE in network NET4



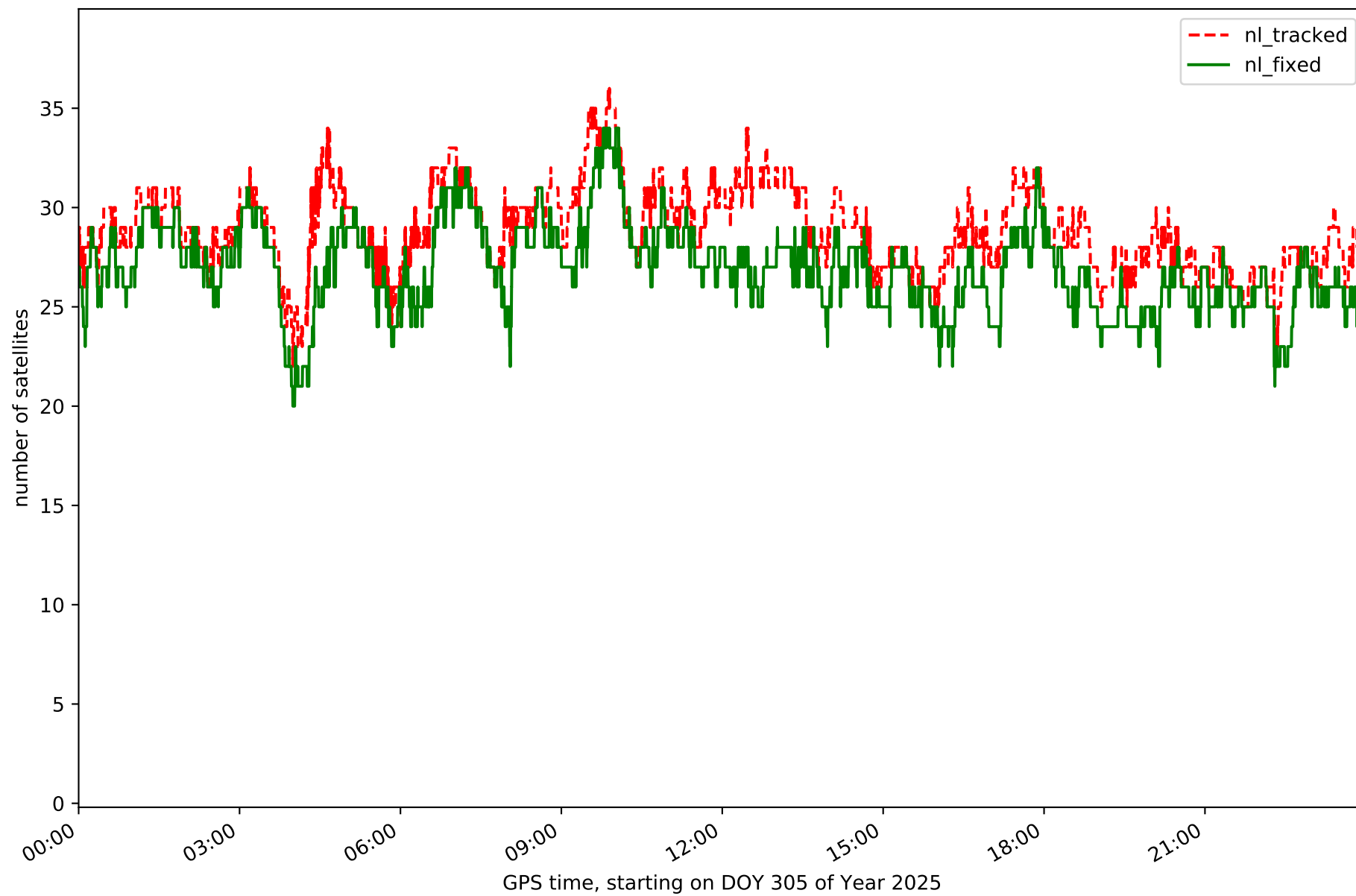
Station PDB1 in network NET4



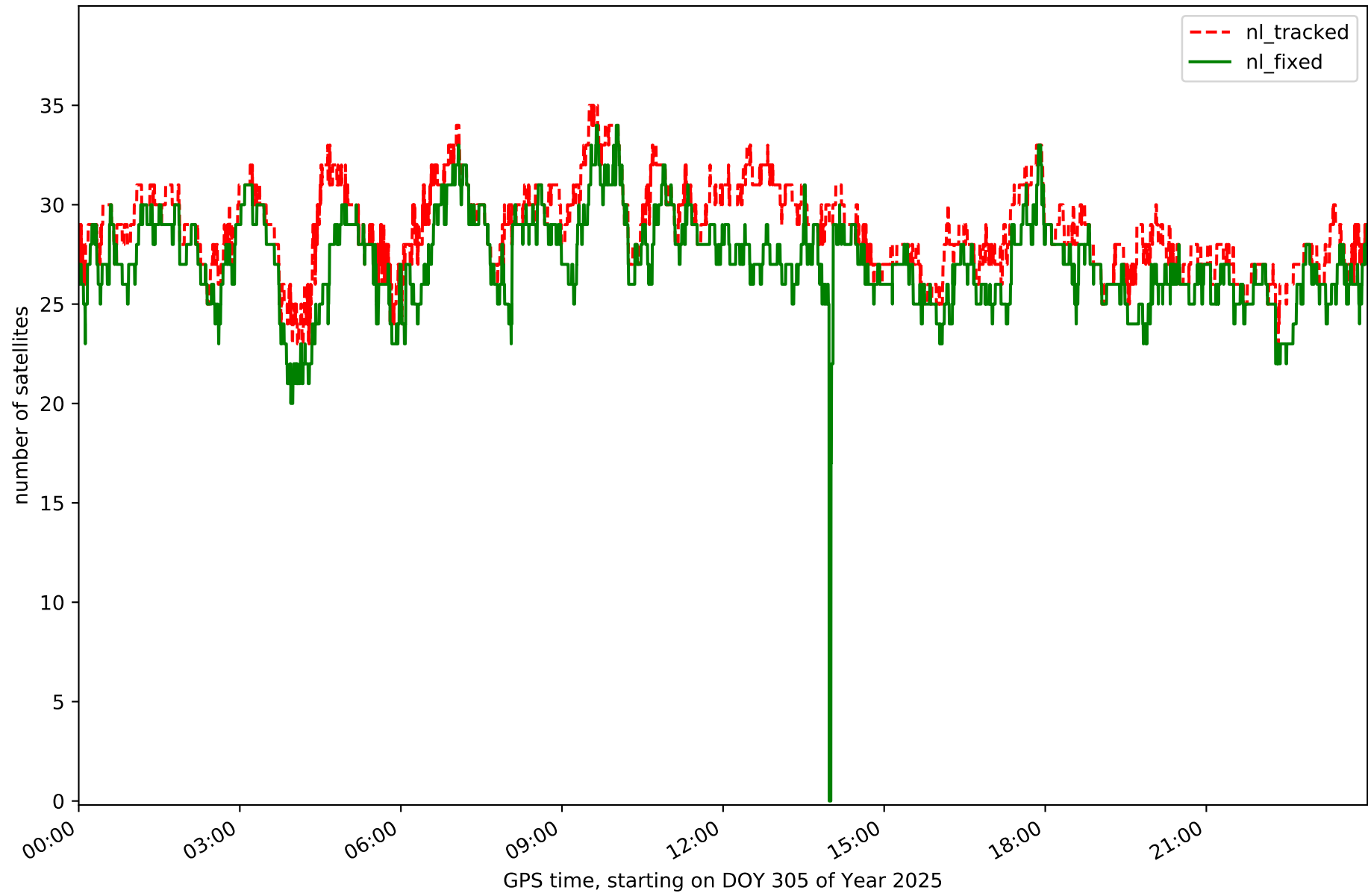
Station SALA in network NET4



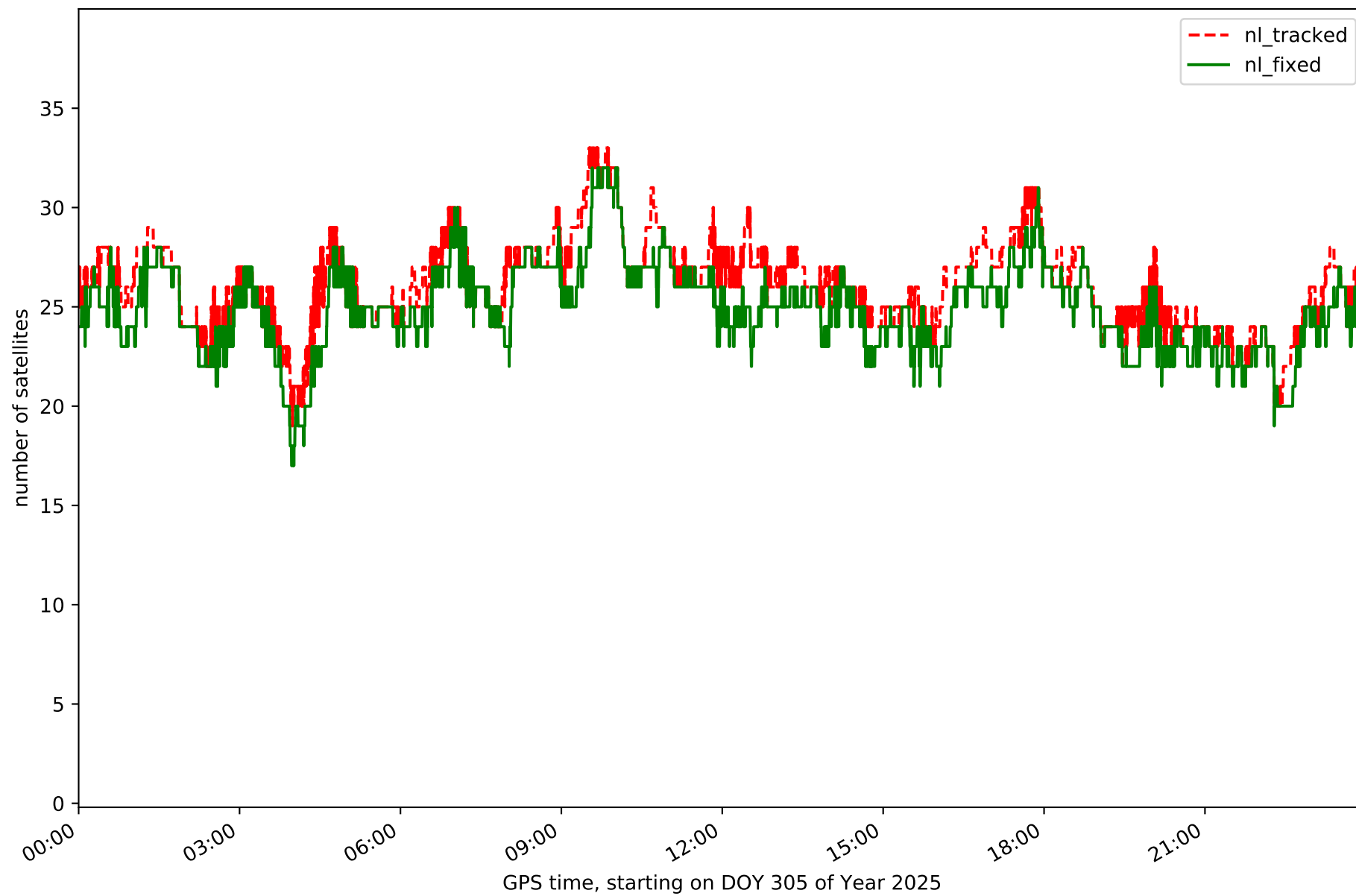
Station SALD in network NET4



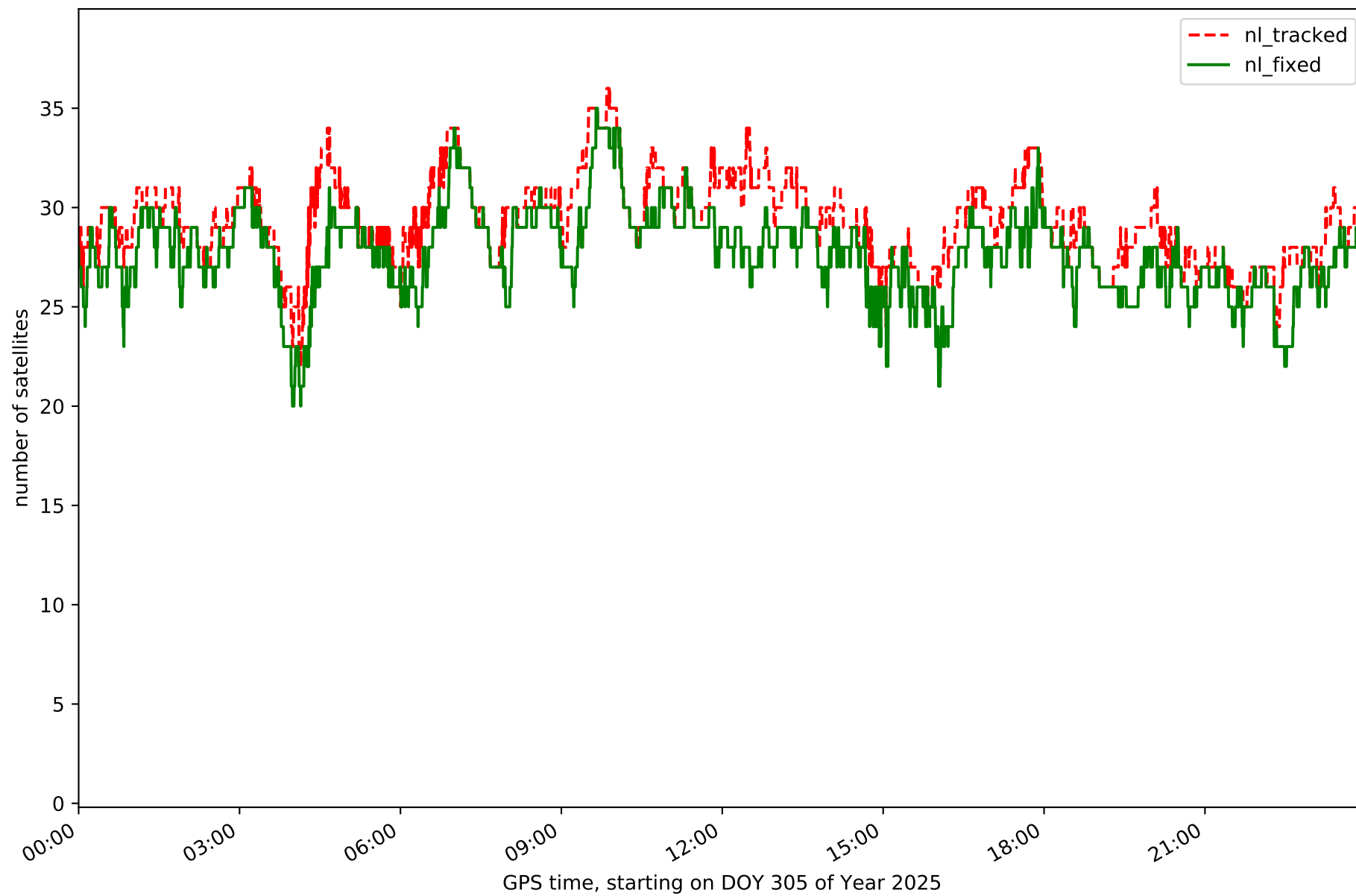
Station STVD in network NET4



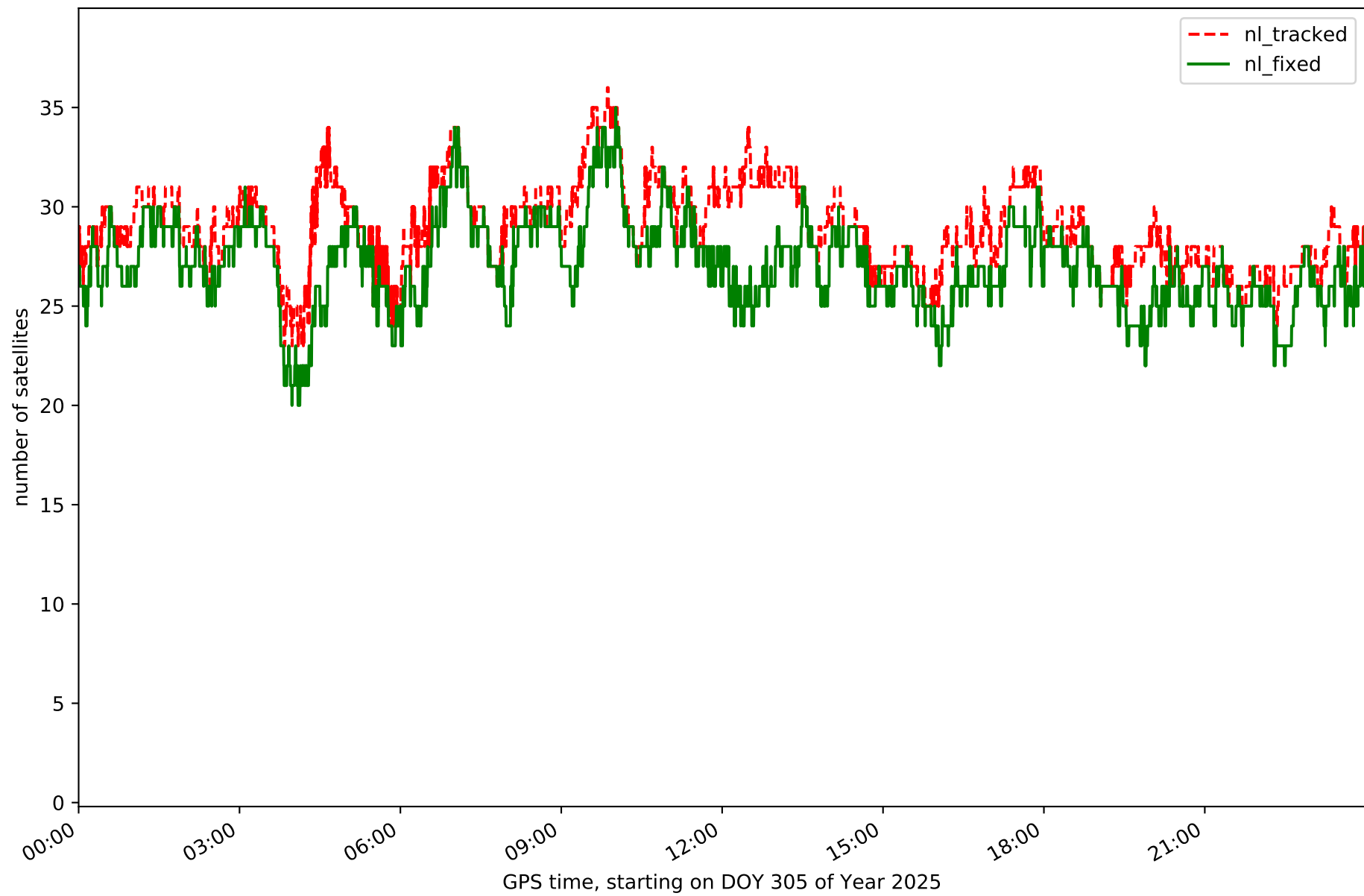
Station TORO in network NET4



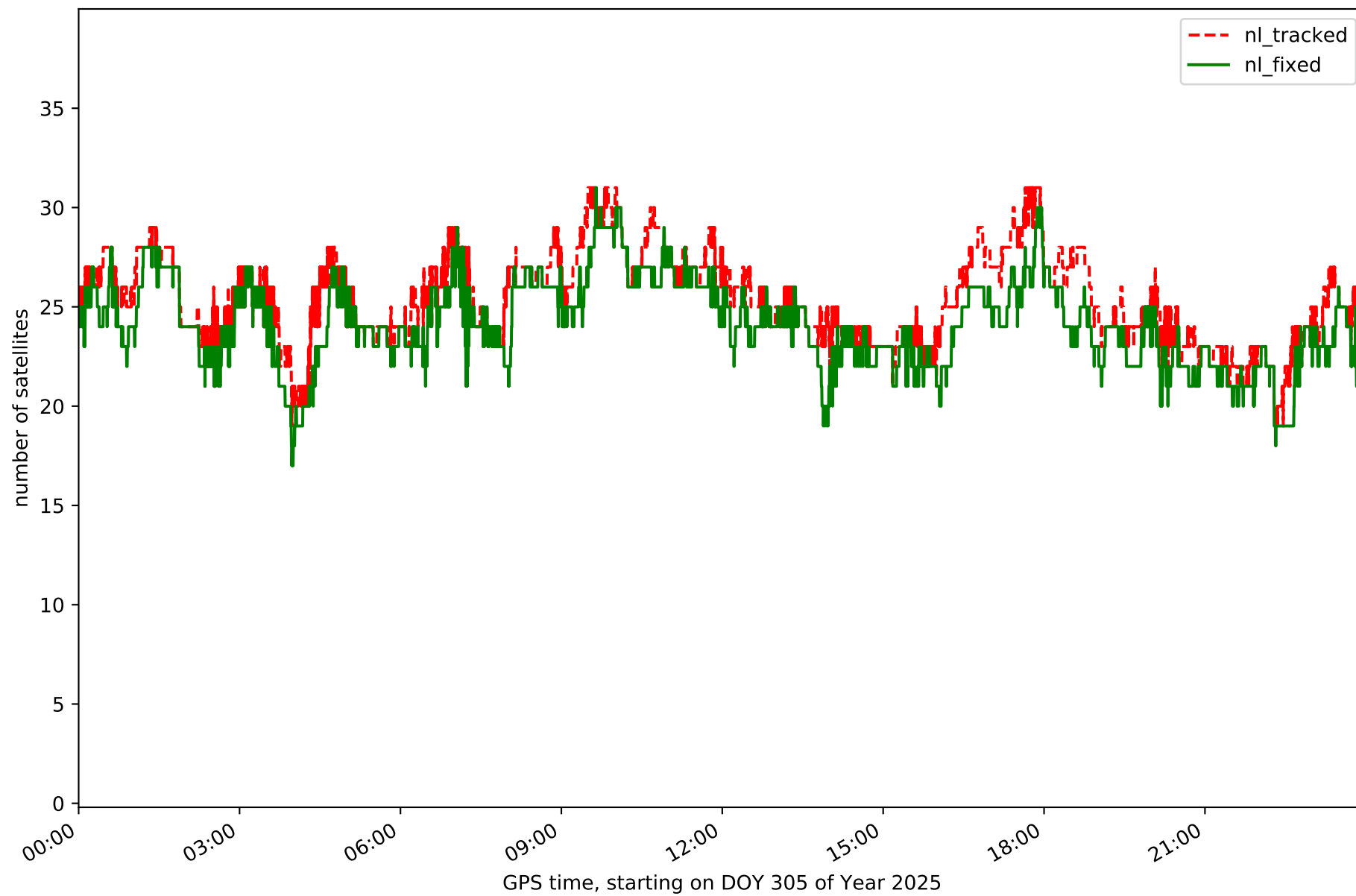
Station VALA in network NET4



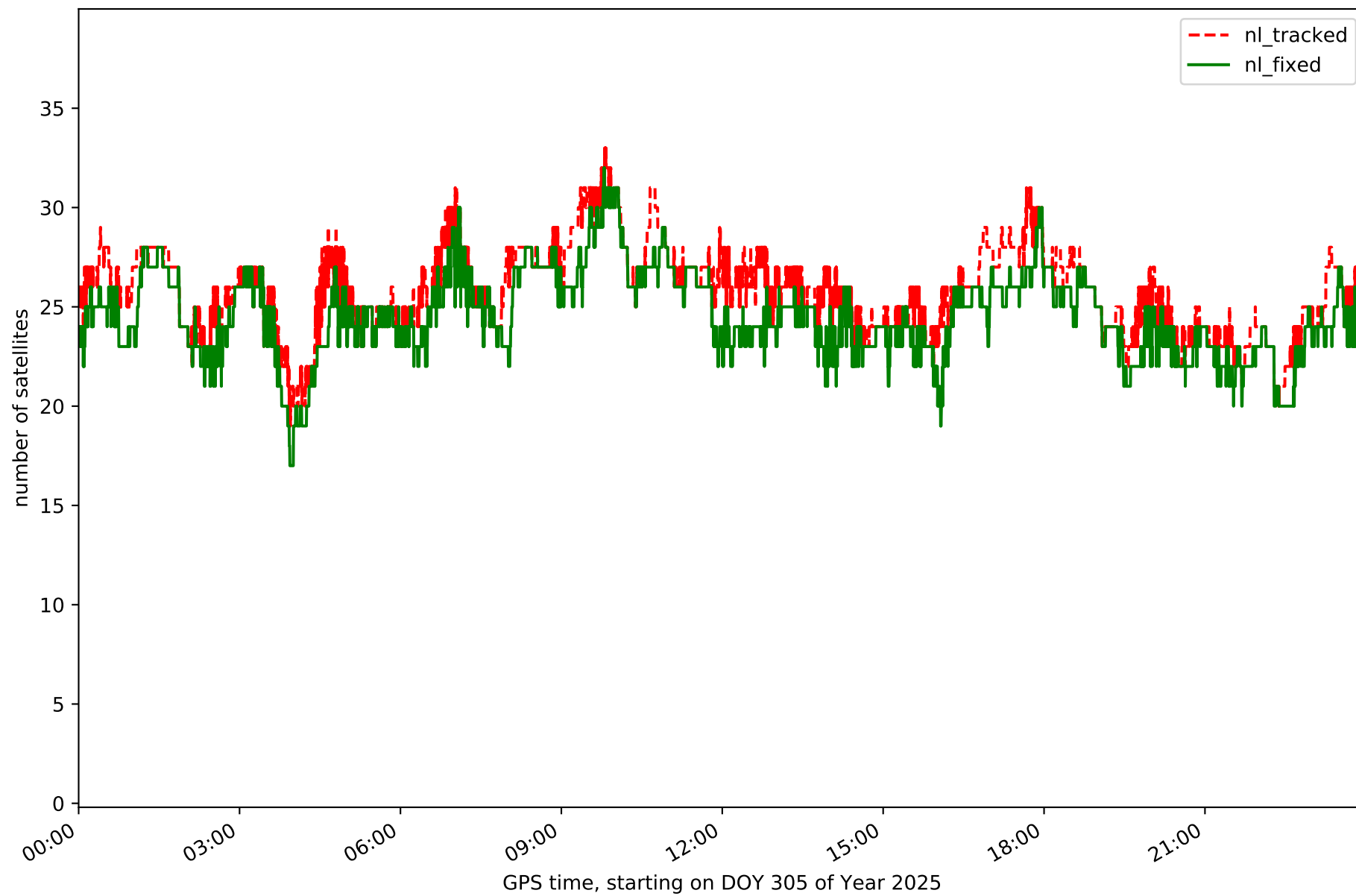
Station VLFF in network NET4



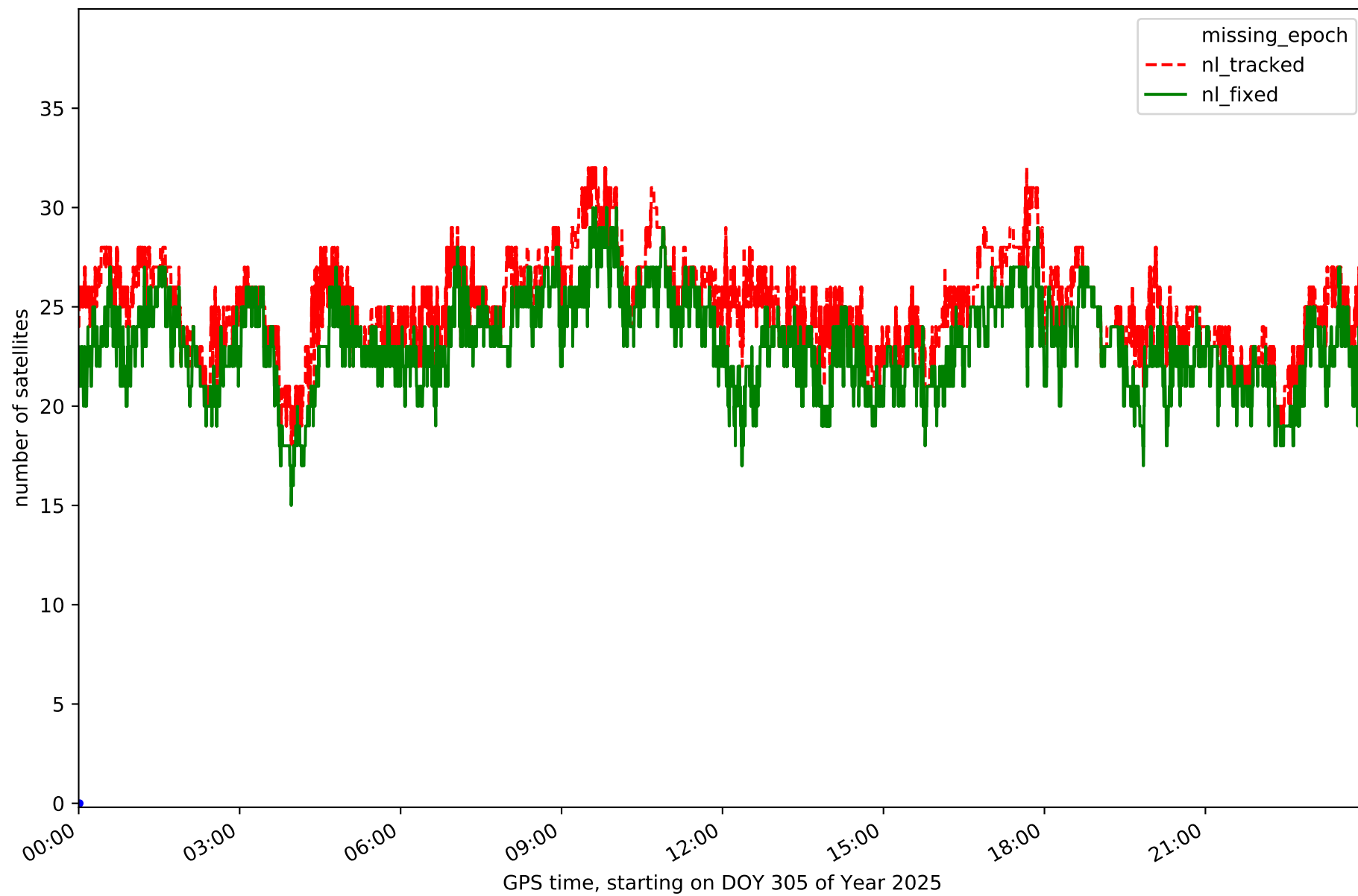
Station VNAN in network NET4



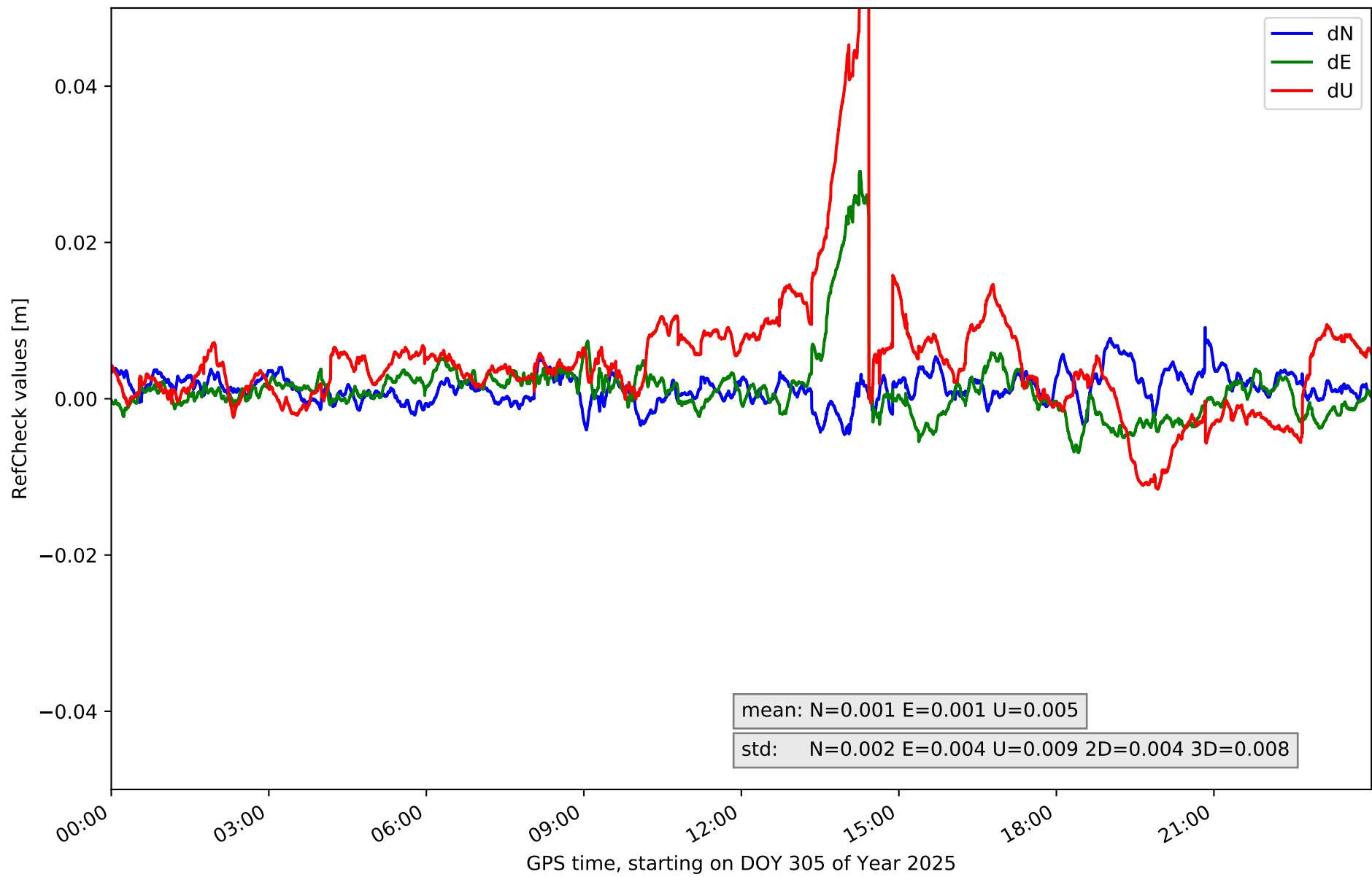
Station VTGD in network NET4



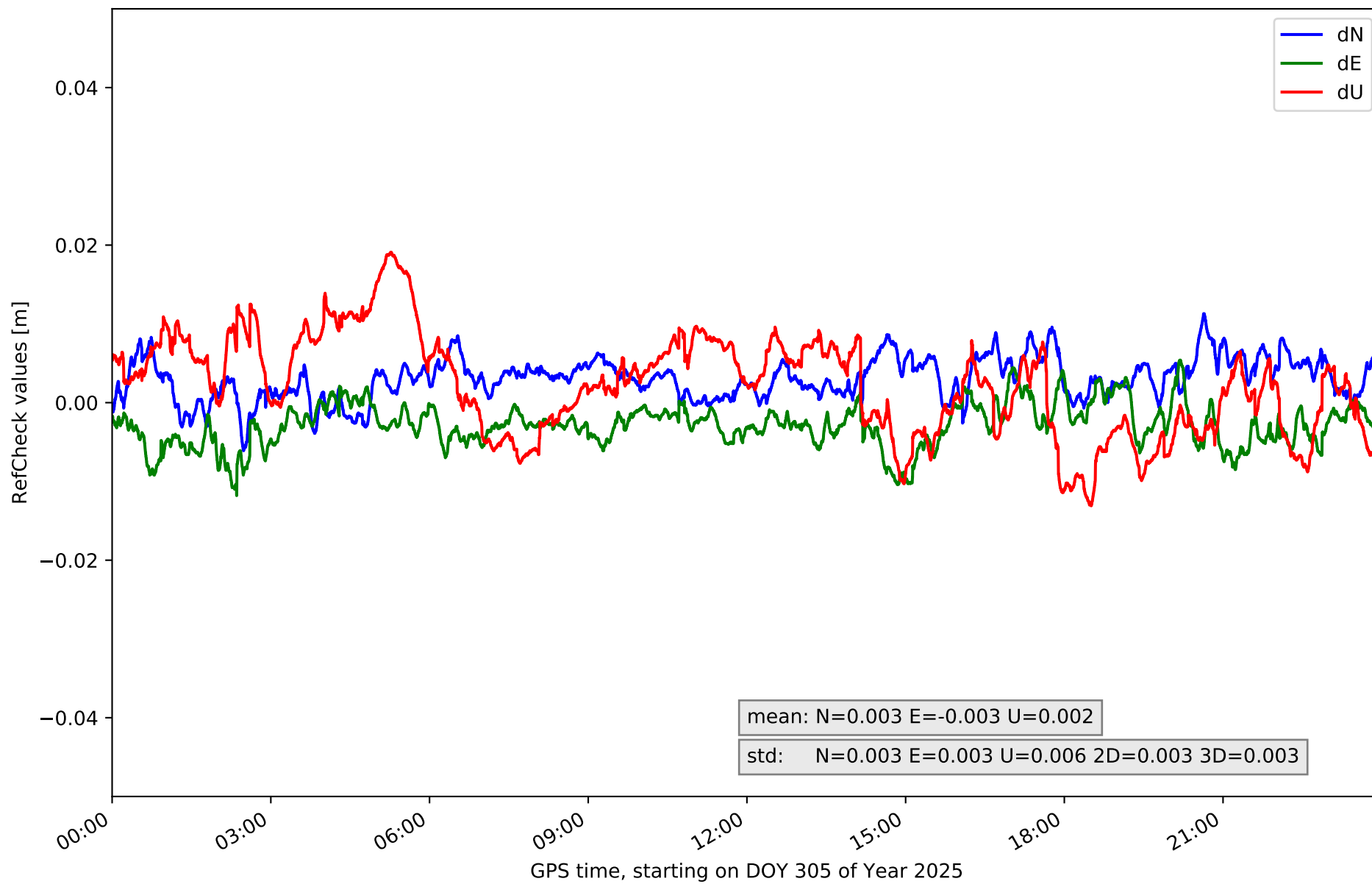
Station ZMRA in network NET4



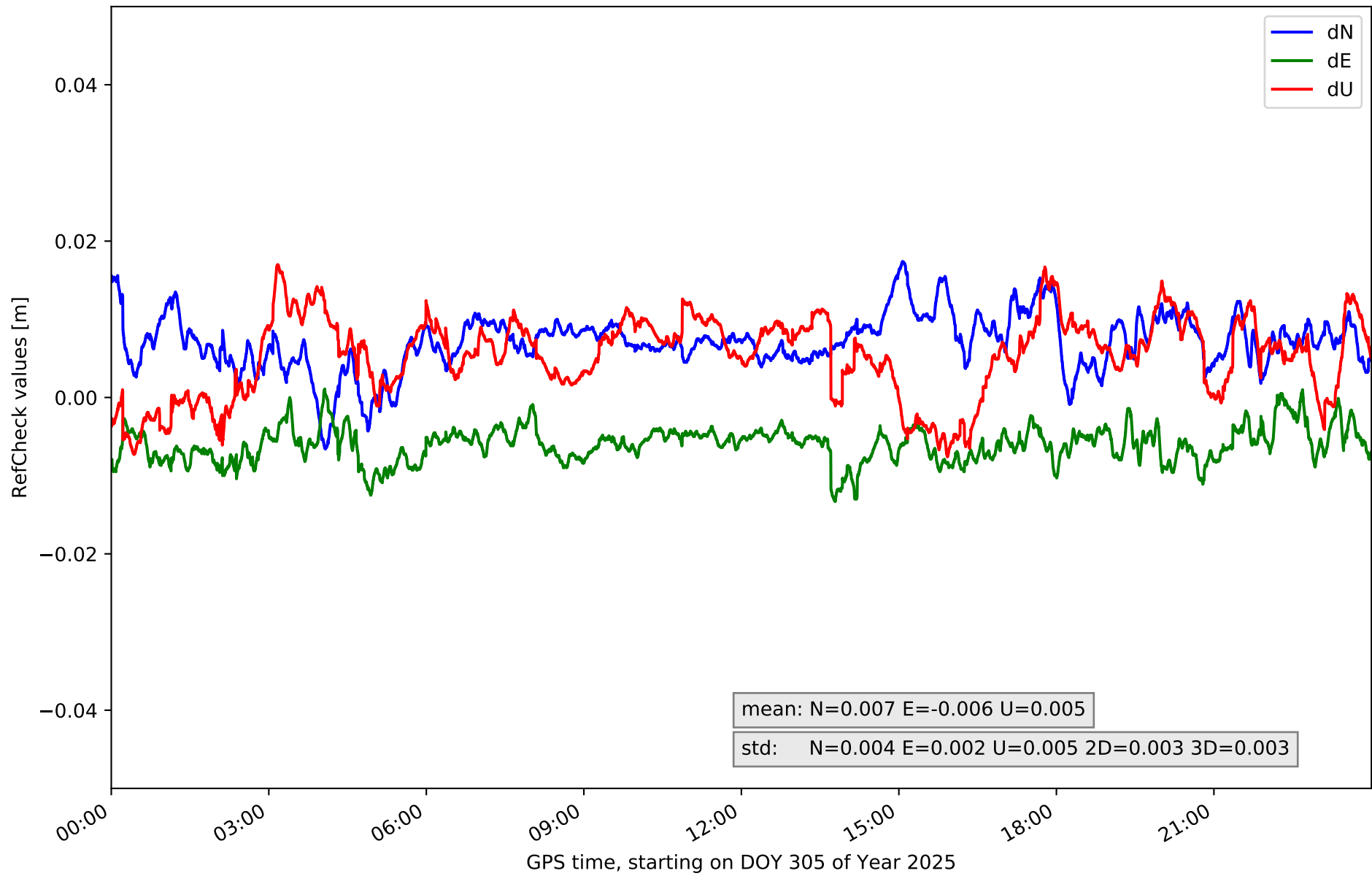
RefCheck for station ACNS in network NET4



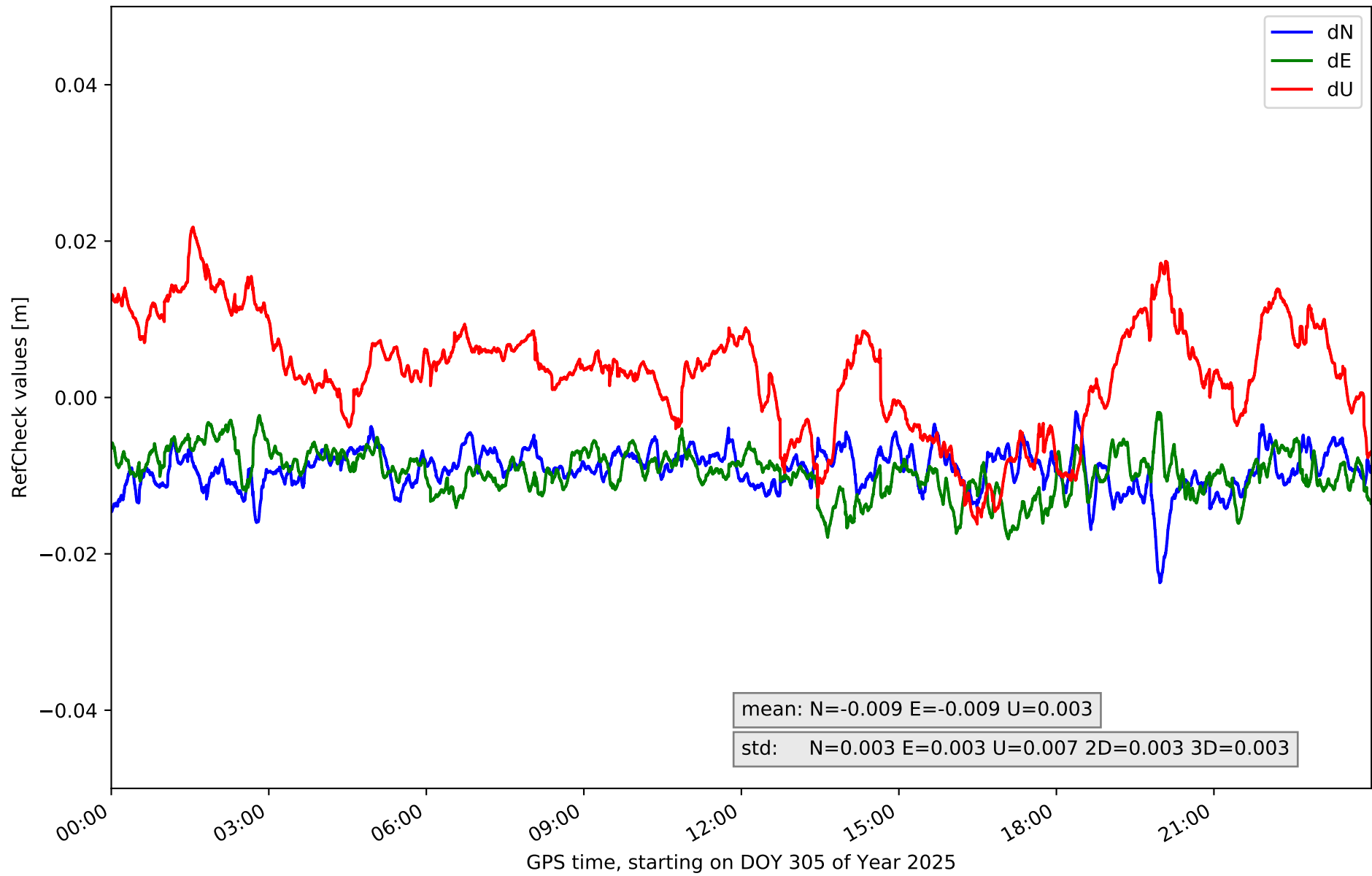
RefCheck for station CDRD in network NET4



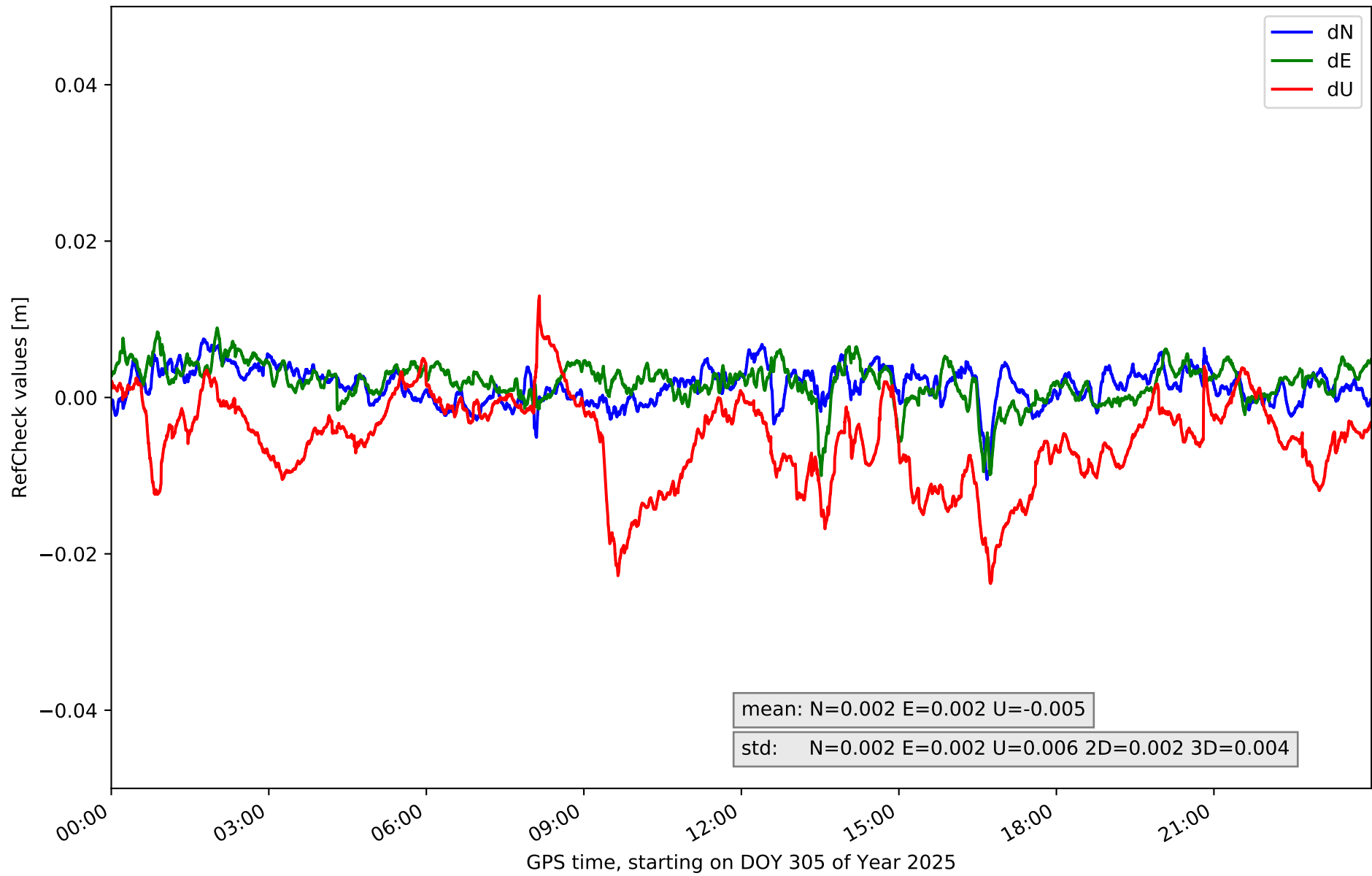
# RefCheck for station GUIJ in network NET4



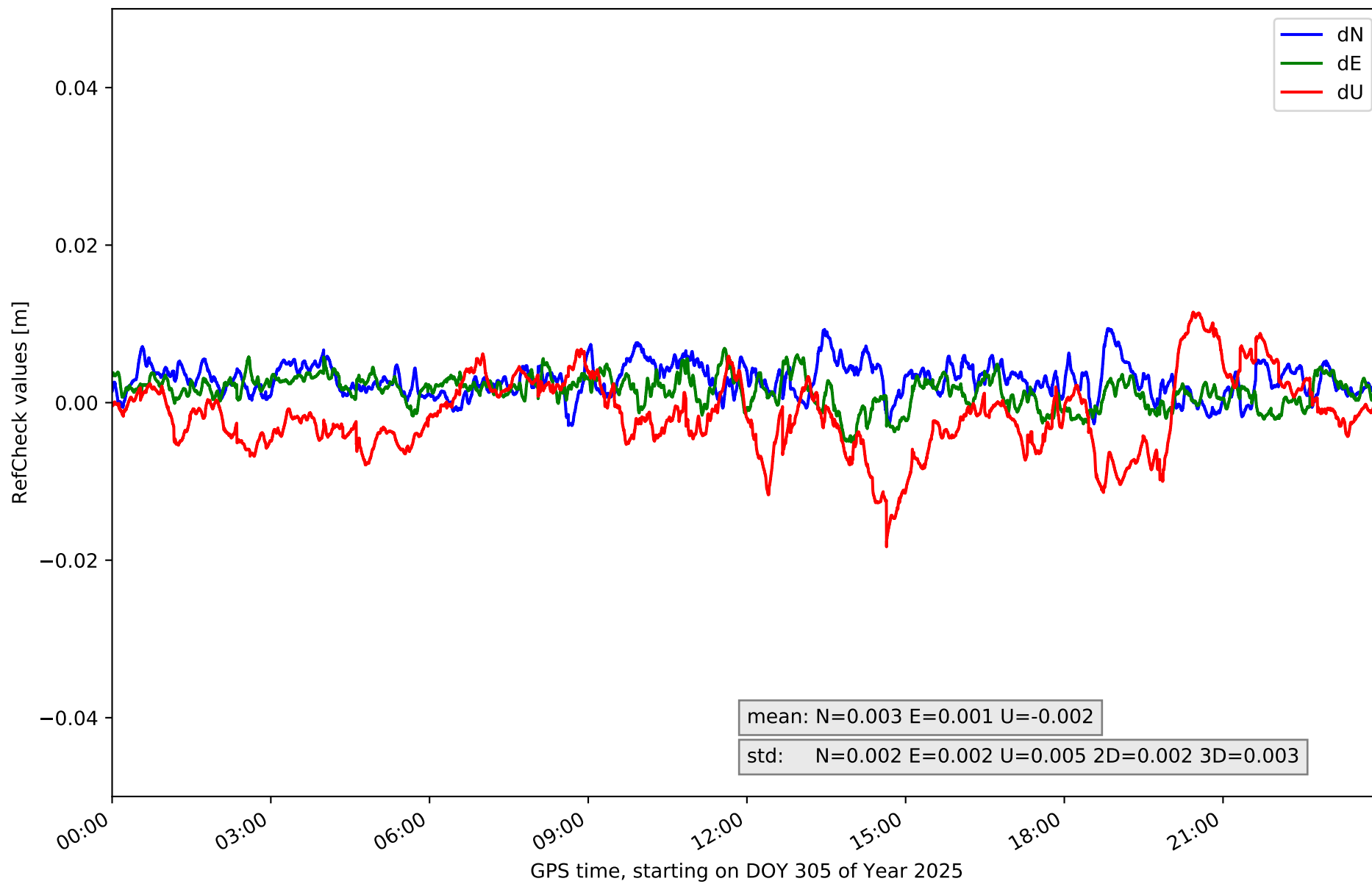
RefCheck for station LERM in network NET4



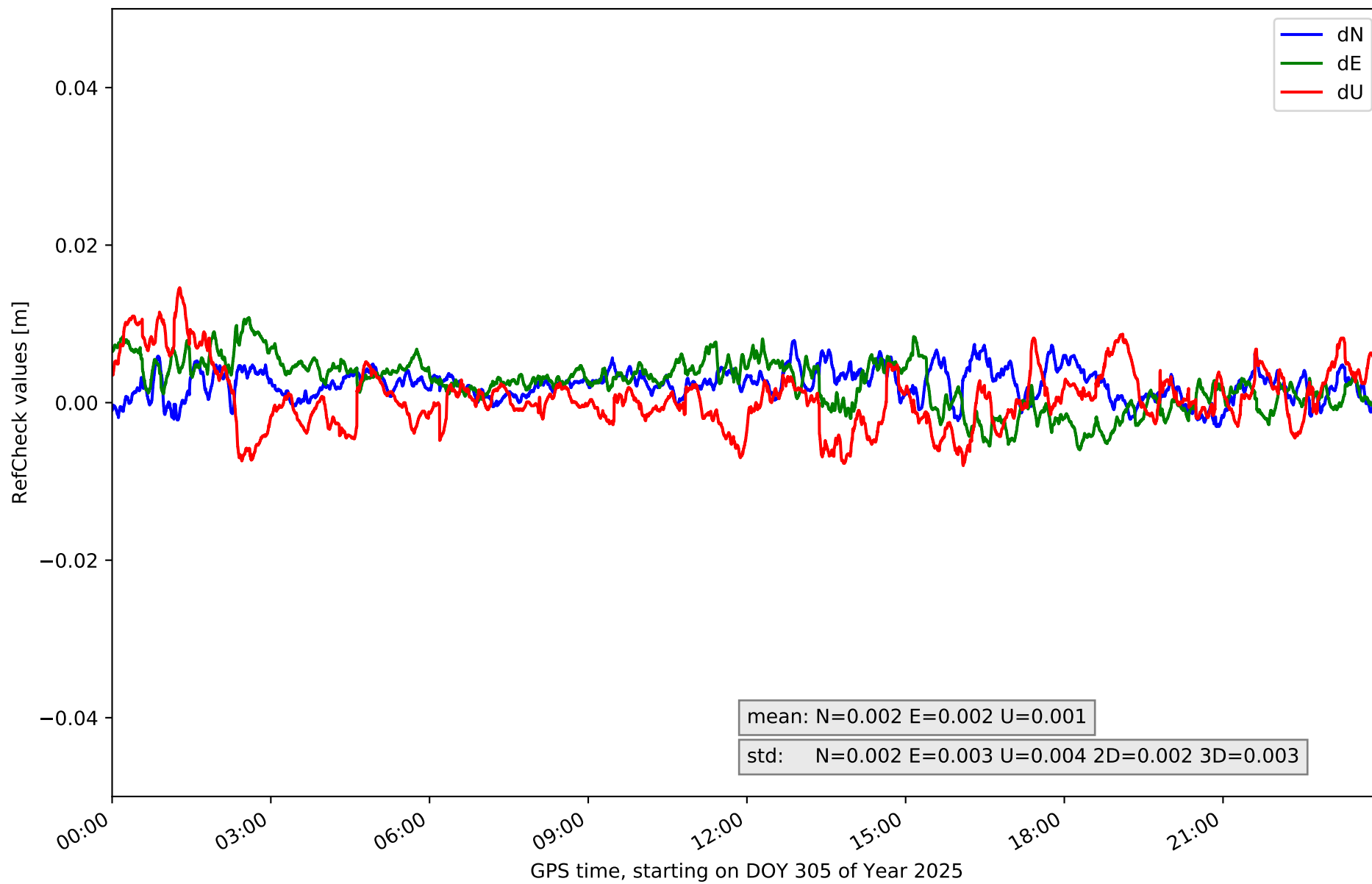
RefCheck for station MDNR in network NET4



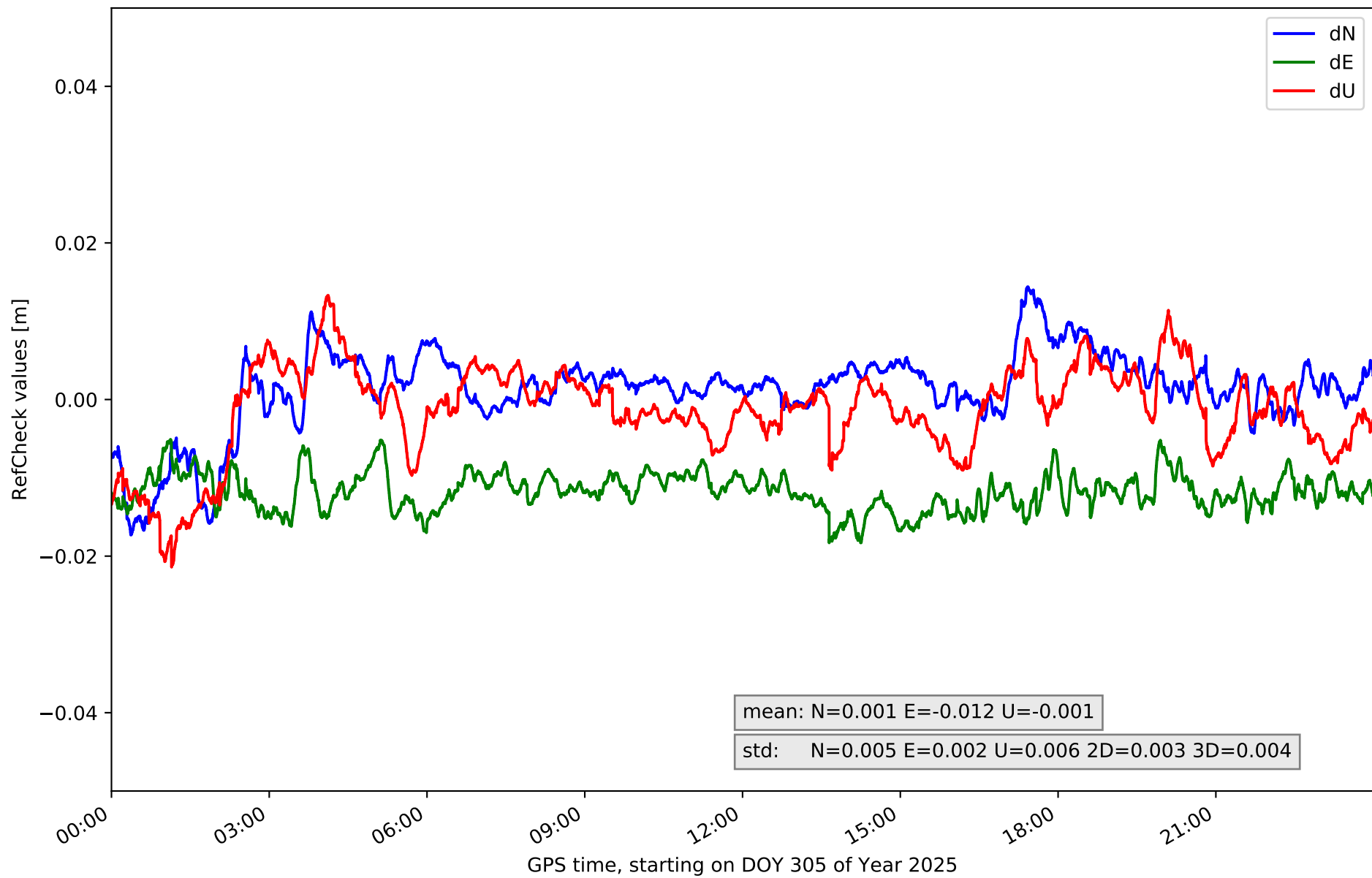
RefCheck for station MYRG in network NET4



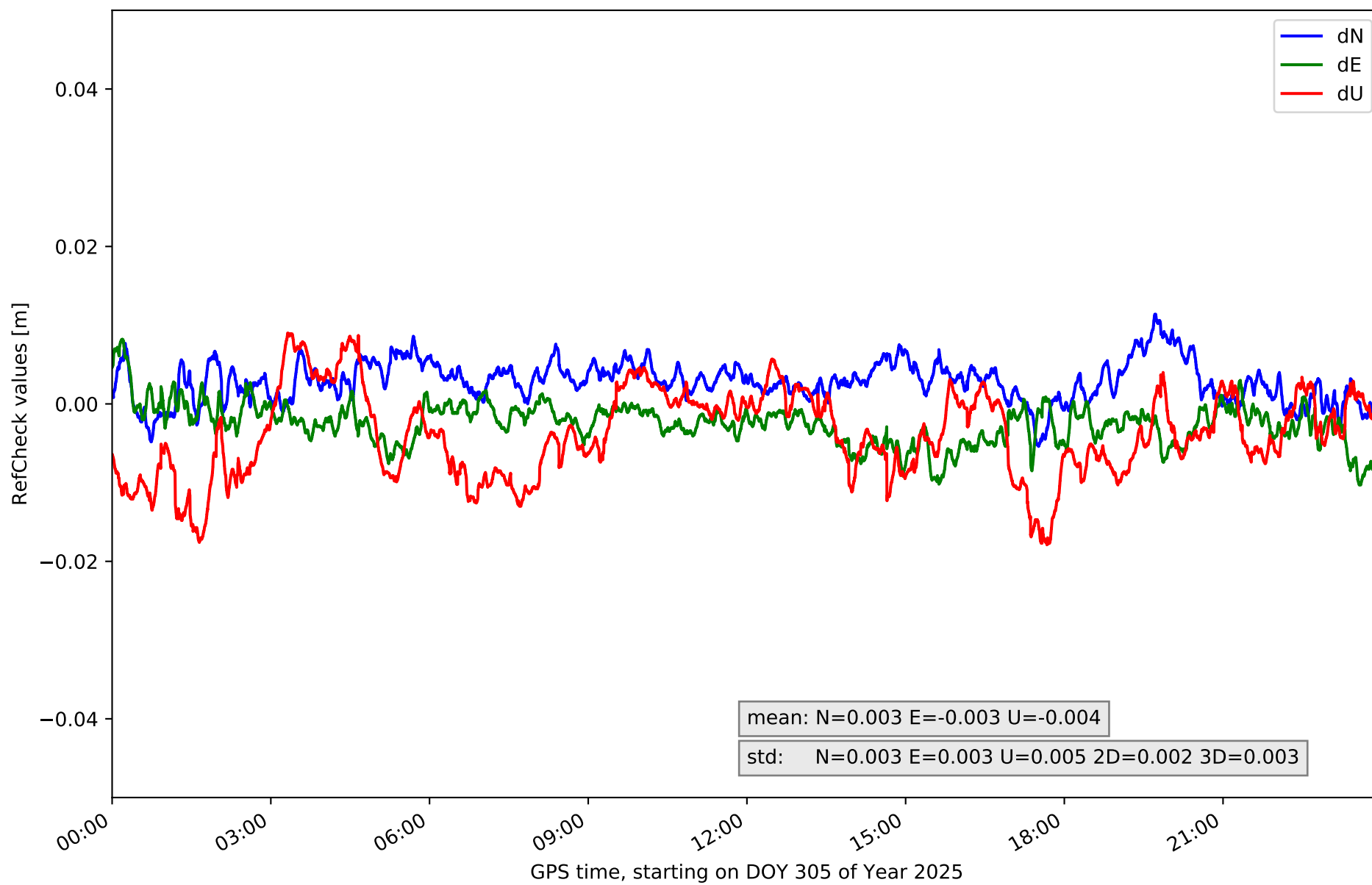
RefCheck for station PALE in network NET4



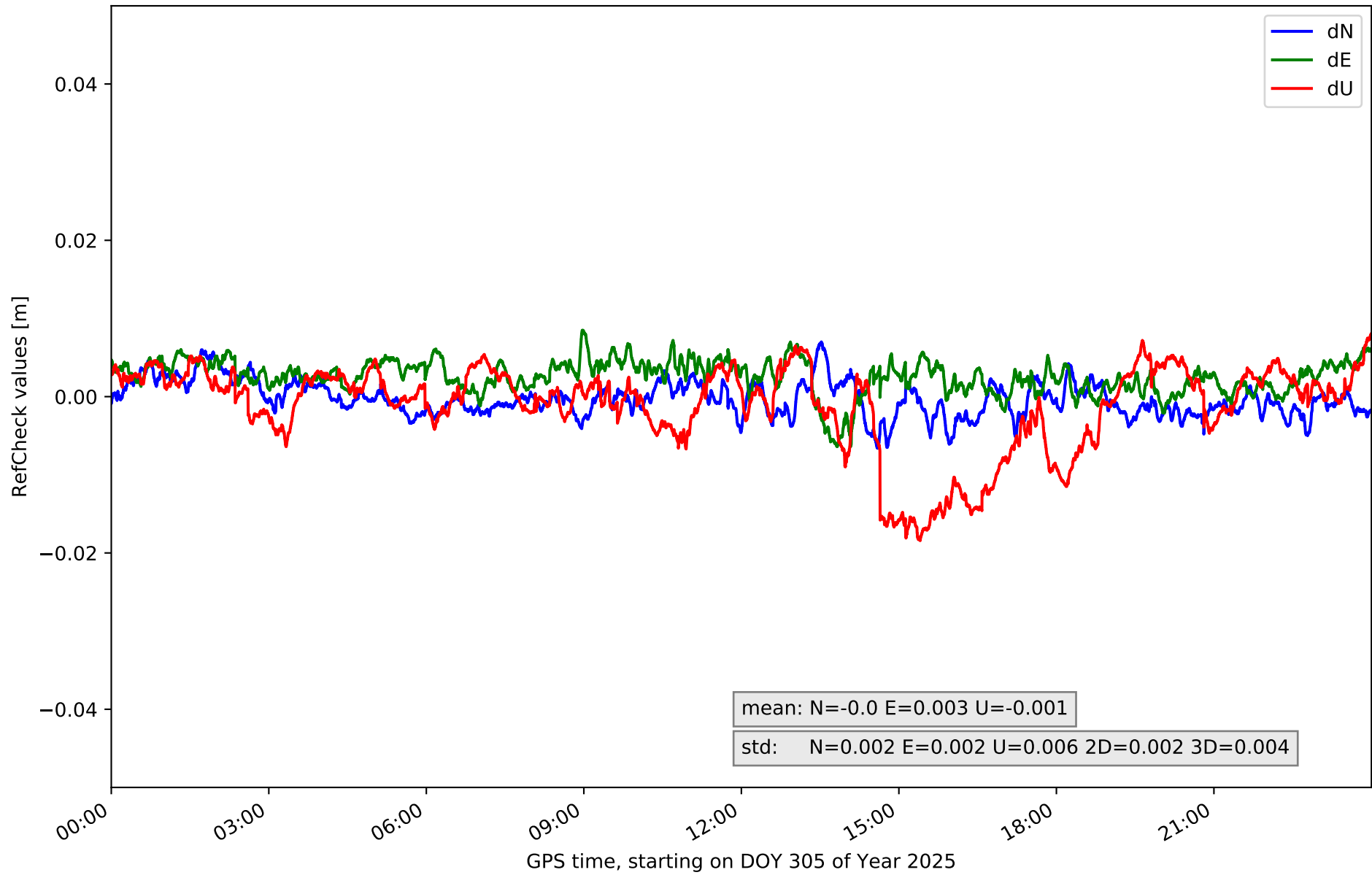
RefCheck for station PDB1 in network NET4



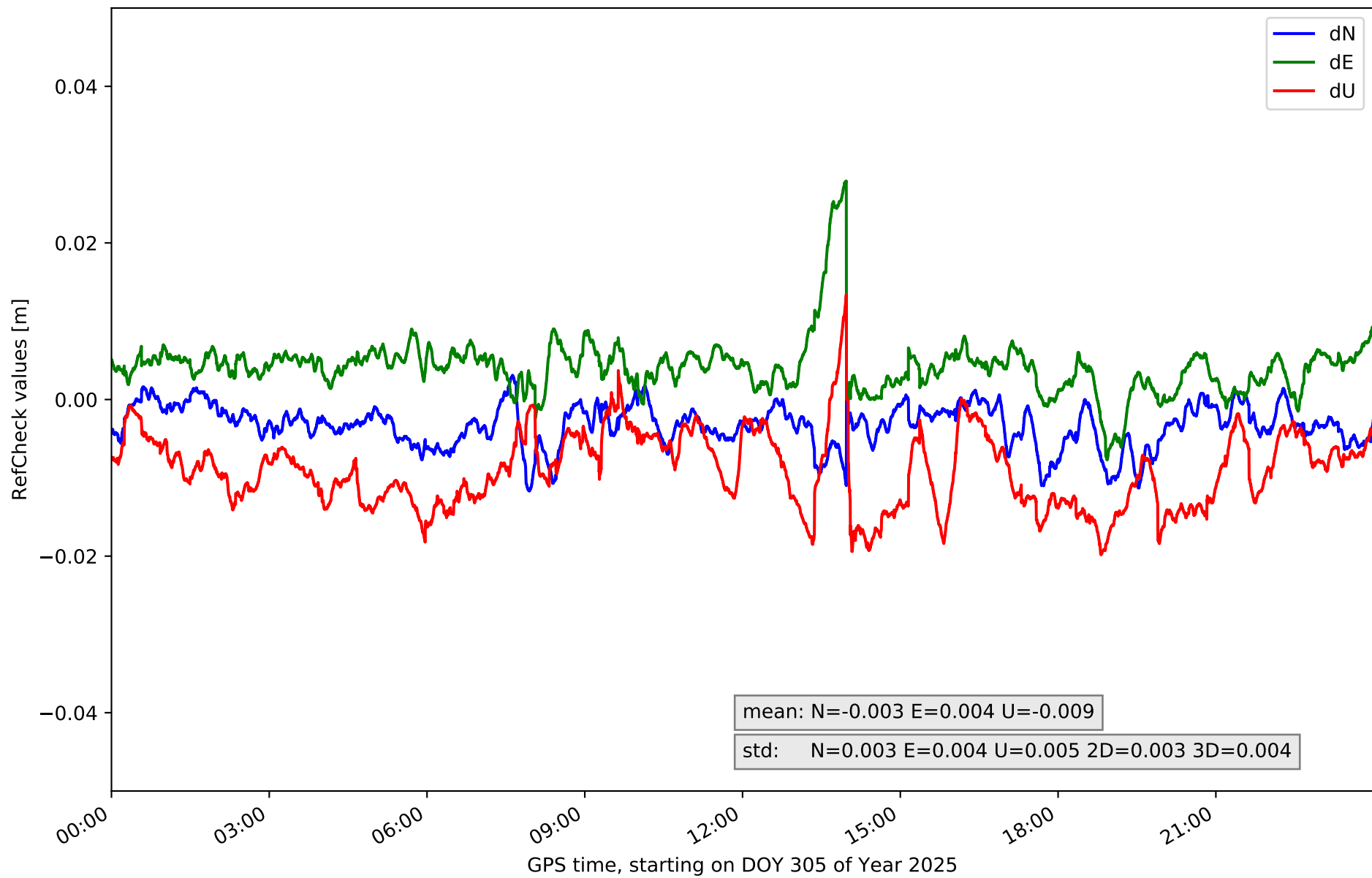
RefCheck for station SALA in network NET4



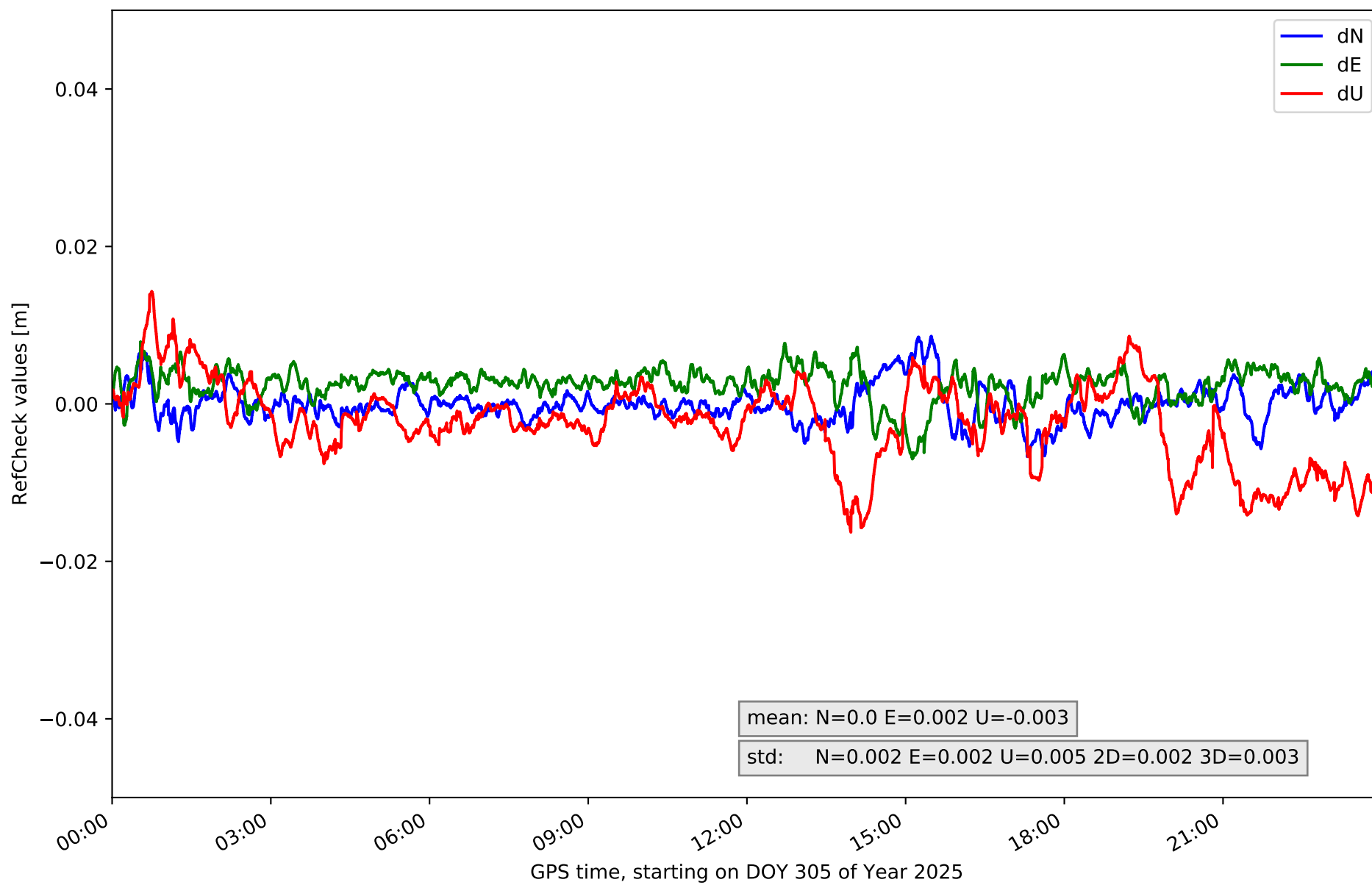
RefCheck for station SALD in network NET4



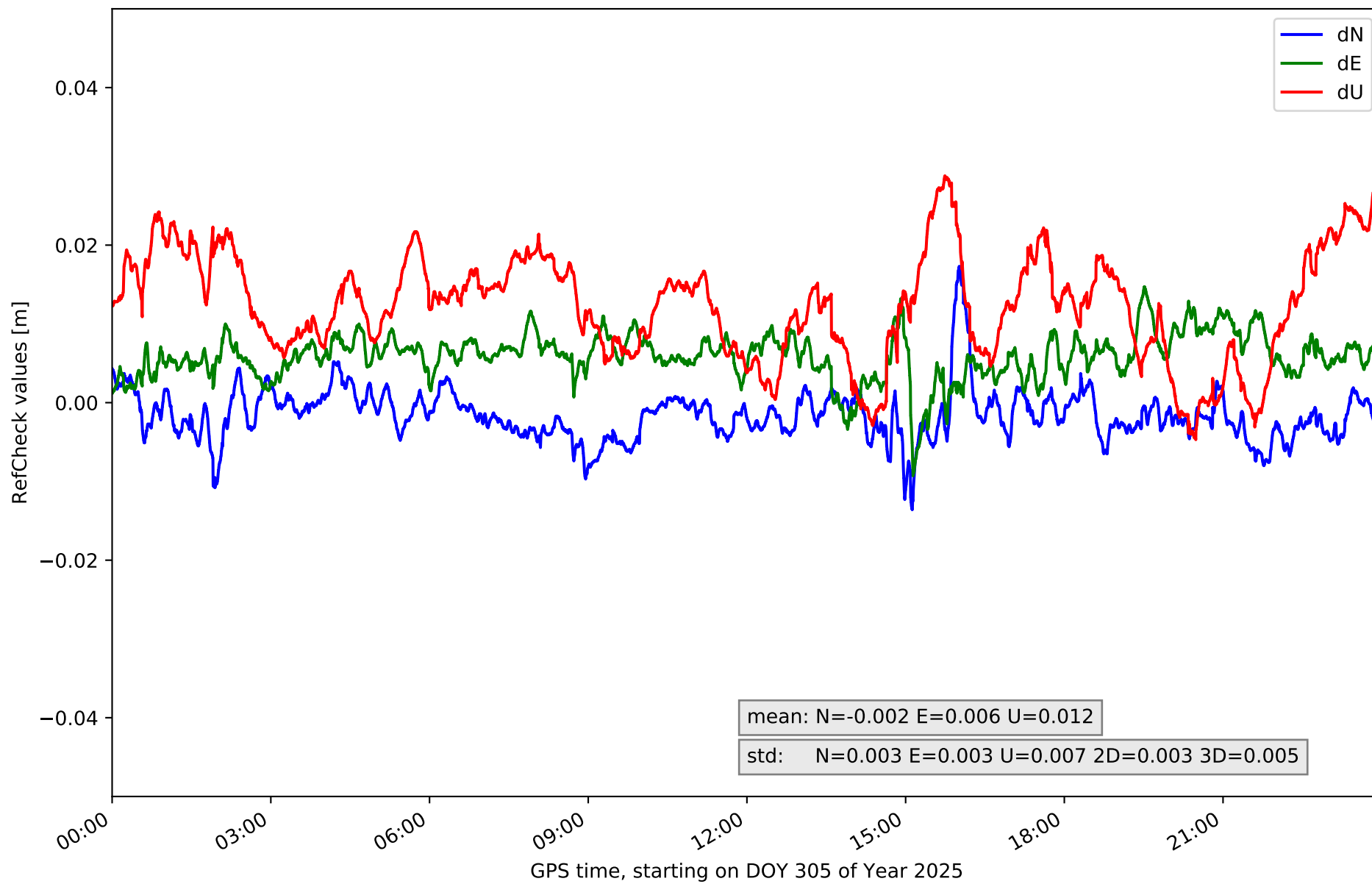
RefCheck for station STVD in network NET4



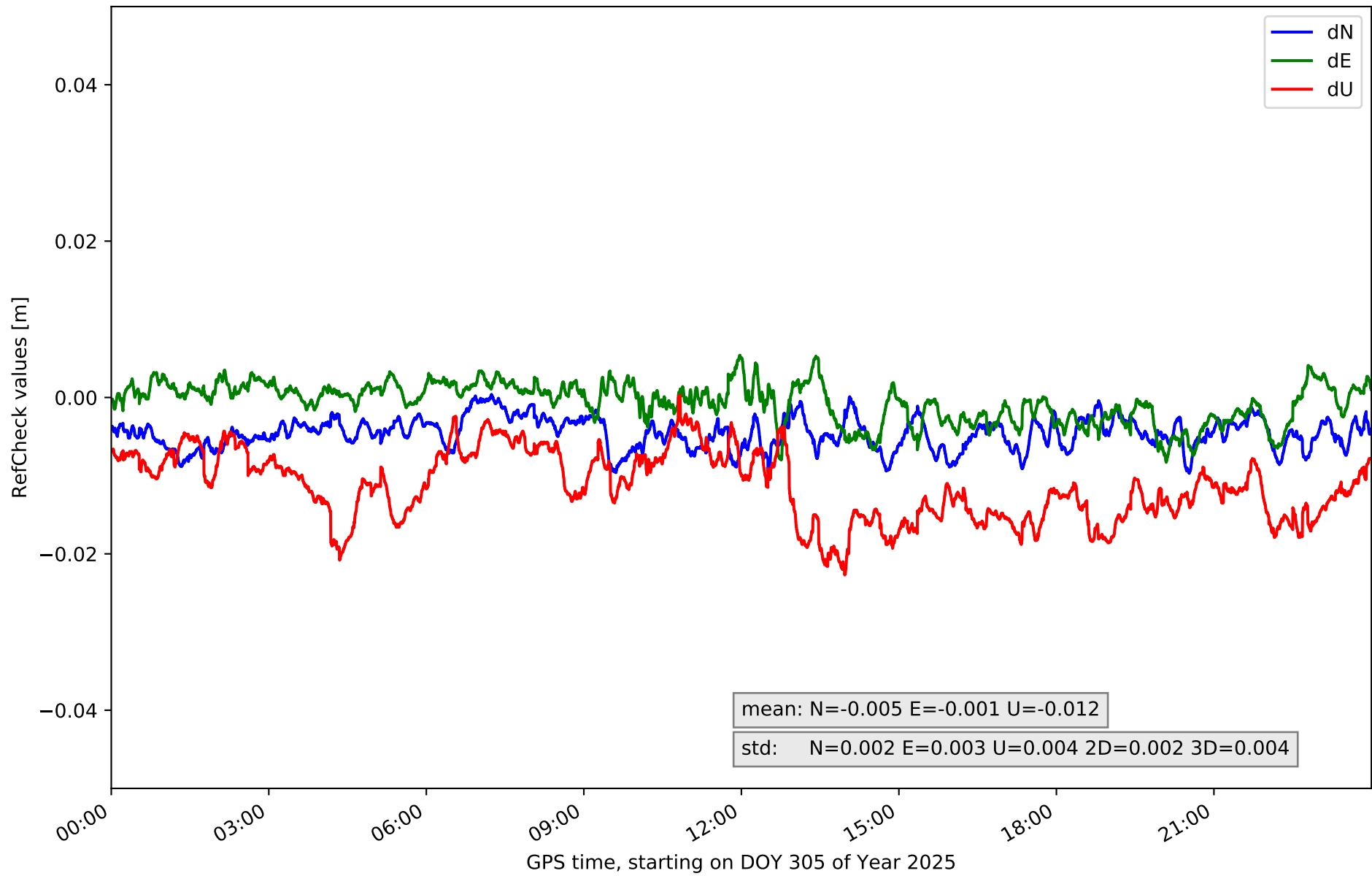
RefCheck for station TORO in network NET4



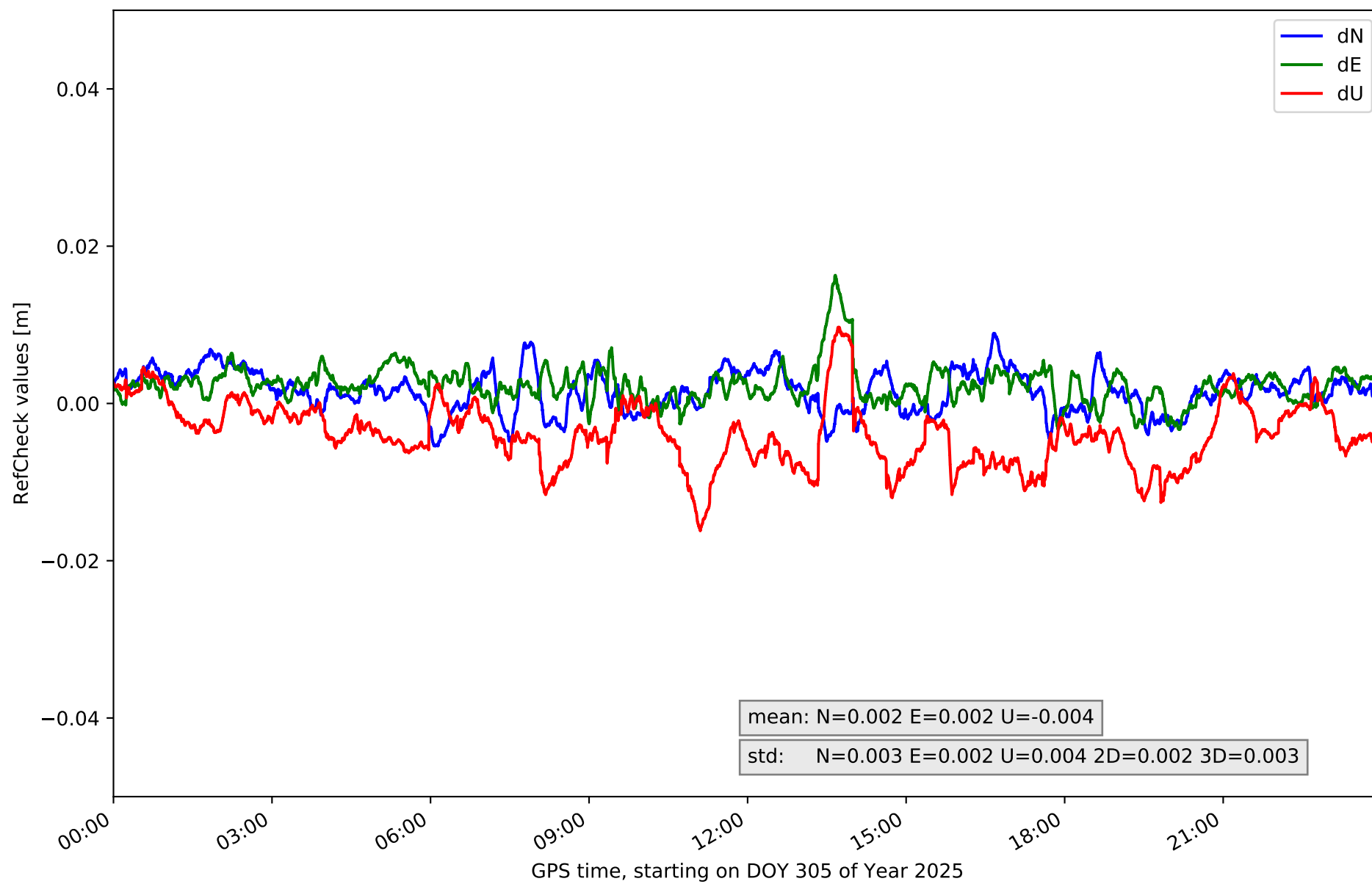
RefCheck for station VALA in network NET4



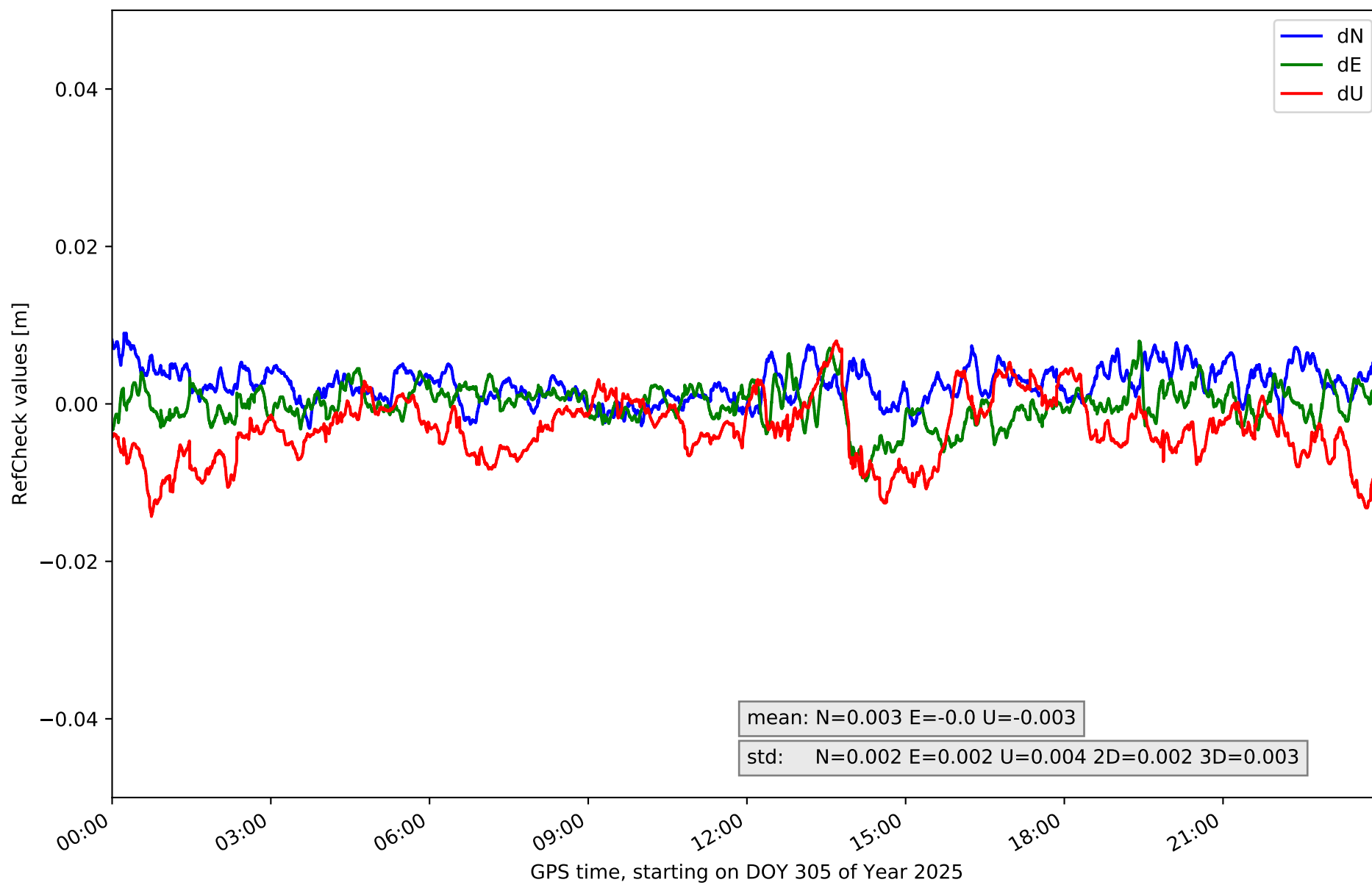
RefCheck for station VLFF in network NET4



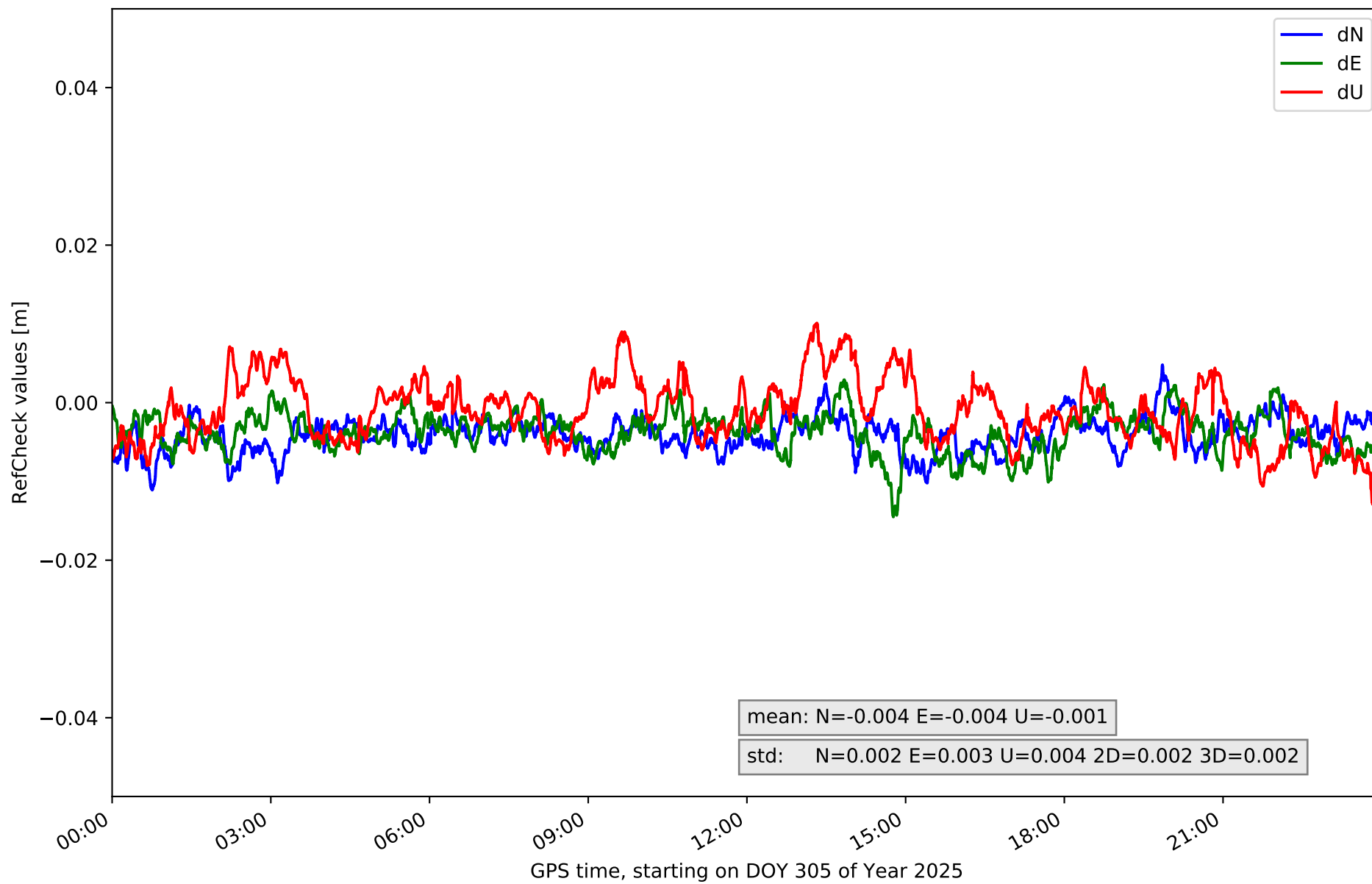
RefCheck for station VNAN in network NET4



RefCheck for station VTGD in network NET4



RefCheck for station ZMRA in network NET4



# RefCheck values for network NET4

| Station | Nmin   | Nmax   | Nstd  | Emin   | Emax   | Estd  | Umin   | Umax  | Ustd  | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---------|--------|--------|-------|--------|--------|-------|--------|-------|-------|-------|-------|------------|-------------|------------|-------------|
| ACNS    | -0.005 | 0.009  | 0.002 | -0.007 | 0.029  | 0.004 | -0.012 | 0.06  | 0.009 | 0.004 | 0.008 | 1506       | 3.4         | 1686       | 3.8         |
| CDRD    | -0.006 | 0.011  | 0.003 | -0.012 | 0.005  | 0.003 | -0.013 | 0.019 | 0.006 | 0.003 | 0.003 | 2348       | 5.3         | 0          | 0.0         |
| GUIJ    | -0.007 | 0.017  | 0.004 | -0.013 | 0.001  | 0.002 | -0.008 | 0.017 | 0.005 | 0.003 | 0.003 | 19423      | 43.4        | 585        | 1.3         |
| LERM    | -0.024 | -0.002 | 0.003 | -0.018 | -0.002 | 0.003 | -0.016 | 0.022 | 0.007 | 0.003 | 0.003 | 41573      | 93.0        | 4268       | 9.5         |
| MDNR    | -0.011 | 0.007  | 0.002 | -0.01  | 0.009  | 0.002 | -0.024 | 0.013 | 0.006 | 0.002 | 0.004 | 444        | 1.0         | 638        | 1.4         |
| MYRG    | -0.003 | 0.009  | 0.002 | -0.005 | 0.007  | 0.002 | -0.018 | 0.011 | 0.005 | 0.002 | 0.003 | 0          | 0.0         | 0          | 0.0         |
| PALE    | -0.003 | 0.008  | 0.002 | -0.006 | 0.011  | 0.003 | -0.008 | 0.015 | 0.004 | 0.002 | 0.003 | 409        | 0.9         | 0          | 0.0         |
| PDB1    | -0.017 | 0.014  | 0.005 | -0.018 | -0.005 | 0.002 | -0.021 | 0.013 | 0.006 | 0.003 | 0.004 | 38441      | 86.0        | 3705       | 8.3         |
| SALA    | -0.005 | 0.011  | 0.003 | -0.01  | 0.008  | 0.003 | -0.018 | 0.009 | 0.005 | 0.002 | 0.003 | 1385       | 3.1         | 0          | 0.0         |
| SALD    | -0.007 | 0.007  | 0.002 | -0.006 | 0.009  | 0.002 | -0.018 | 0.008 | 0.006 | 0.002 | 0.004 | 0          | 0.0         | 0          | 0.0         |
| STVD    | -0.012 | 0.003  | 0.003 | -0.008 | 0.028  | 0.004 | -0.02  | 0.013 | 0.005 | 0.003 | 0.004 | 3009       | 6.7         | 1242       | 2.8         |
| TORO    | -0.007 | 0.009  | 0.002 | -0.007 | 0.008  | 0.002 | -0.016 | 0.014 | 0.005 | 0.002 | 0.003 | 37         | 0.1         | 0          | 0.0         |
| VALA    | -0.014 | 0.017  | 0.003 | -0.009 | 0.015  | 0.003 | -0.005 | 0.029 | 0.007 | 0.003 | 0.005 | 6059       | 13.6        | 8936       | 20.0        |
| VLFF    | -0.01  | 0.0    | 0.002 | -0.008 | 0.005  | 0.003 | -0.023 | 0.0   | 0.004 | 0.002 | 0.004 | 504        | 1.1         | 1626       | 3.6         |
| VNAN    | -0.005 | 0.009  | 0.003 | -0.003 | 0.016  | 0.002 | -0.016 | 0.01  | 0.004 | 0.002 | 0.003 | 949        | 2.1         | 0          | 0.0         |
| VTGD    | -0.003 | 0.009  | 0.002 | -0.01  | 0.008  | 0.002 | -0.014 | 0.008 | 0.004 | 0.002 | 0.003 | 203        | 0.5         | 0          | 0.0         |
| ZMRA    | -0.011 | 0.005  | 0.002 | -0.015 | 0.003  | 0.003 | -0.013 | 0.01  | 0.004 | 0.002 | 0.002 | 2403       | 5.4         | 0          | 0.0         |
| Mean    | -0.009 | 0.008  | 0.003 | -0.01  | 0.009  | 0.003 | -0.015 | 0.016 | 0.005 | 0.002 | 0.004 | 6981.9     | 15.6        | 1334.5     | 3.0         |
| Min/Max | -0.024 | 0.017  | 0.005 | -0.018 | 0.029  | 0.004 | -0.024 | 0.06  | 0.009 | 0.004 | 0.008 | 41573      | 93.0        | 8936       | 20.0        |

## fixing statistic for network NET4

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 94.7     | 95.2 | 95.6 | 95.4 | 92.8 |
| considering satellites with dual-frequency fixed | 94.2     | 94.9 | 94.7 | 94.5 | 92.5 |
| considering all signals separately               | 94.3     | 95.1 | 94.7 | 94.7 | 92.2 |