

## summary for network NET8

timeperiod chosen: from 2025-05-13-00:00:00 until 2025-05-13-23:59:58

average update rate (durations larger than 15 seconds considered as observation gap): 2.9 seconds

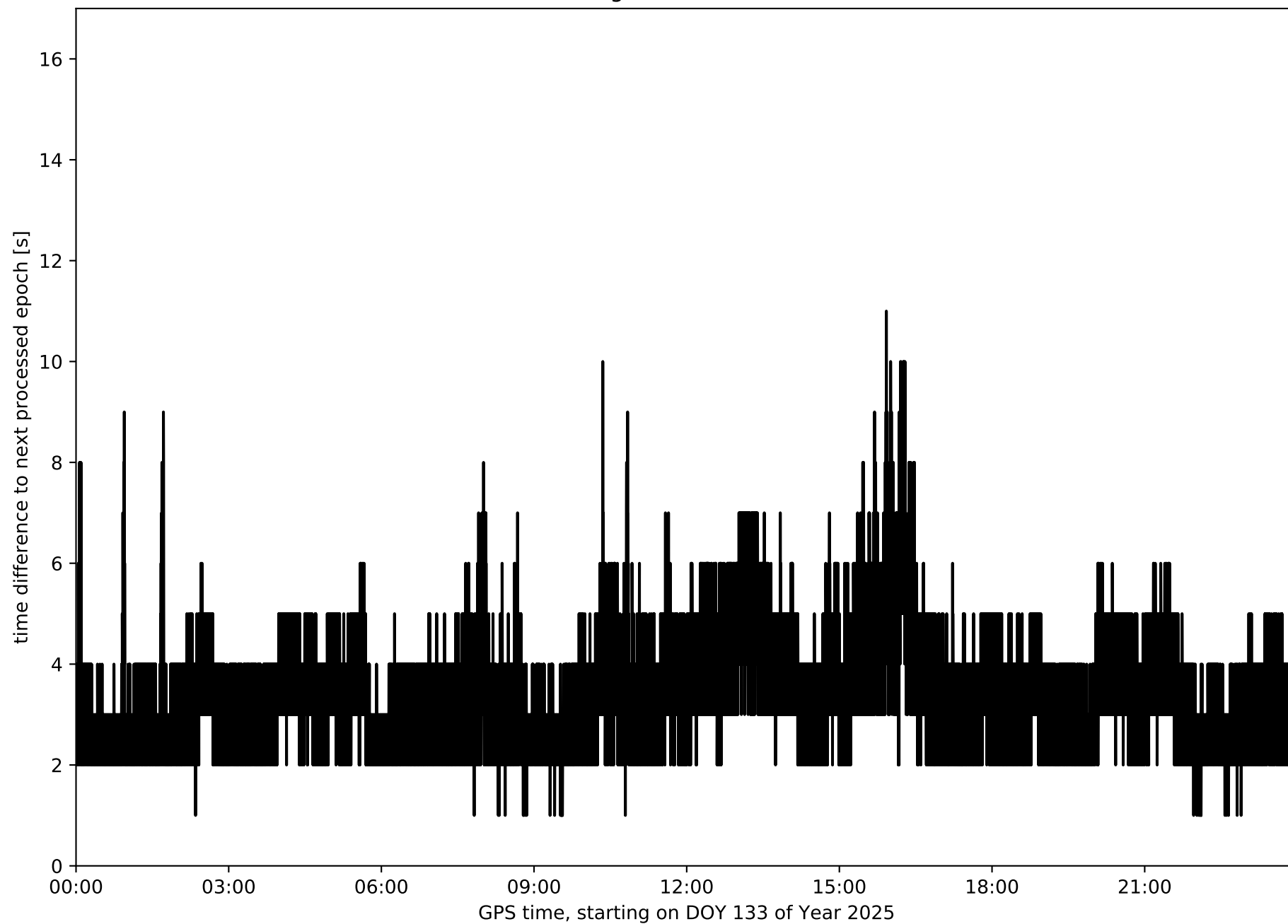
average fixing percentage with threshold set to 0.3: 93.8 percent

stations available: 20 of 20

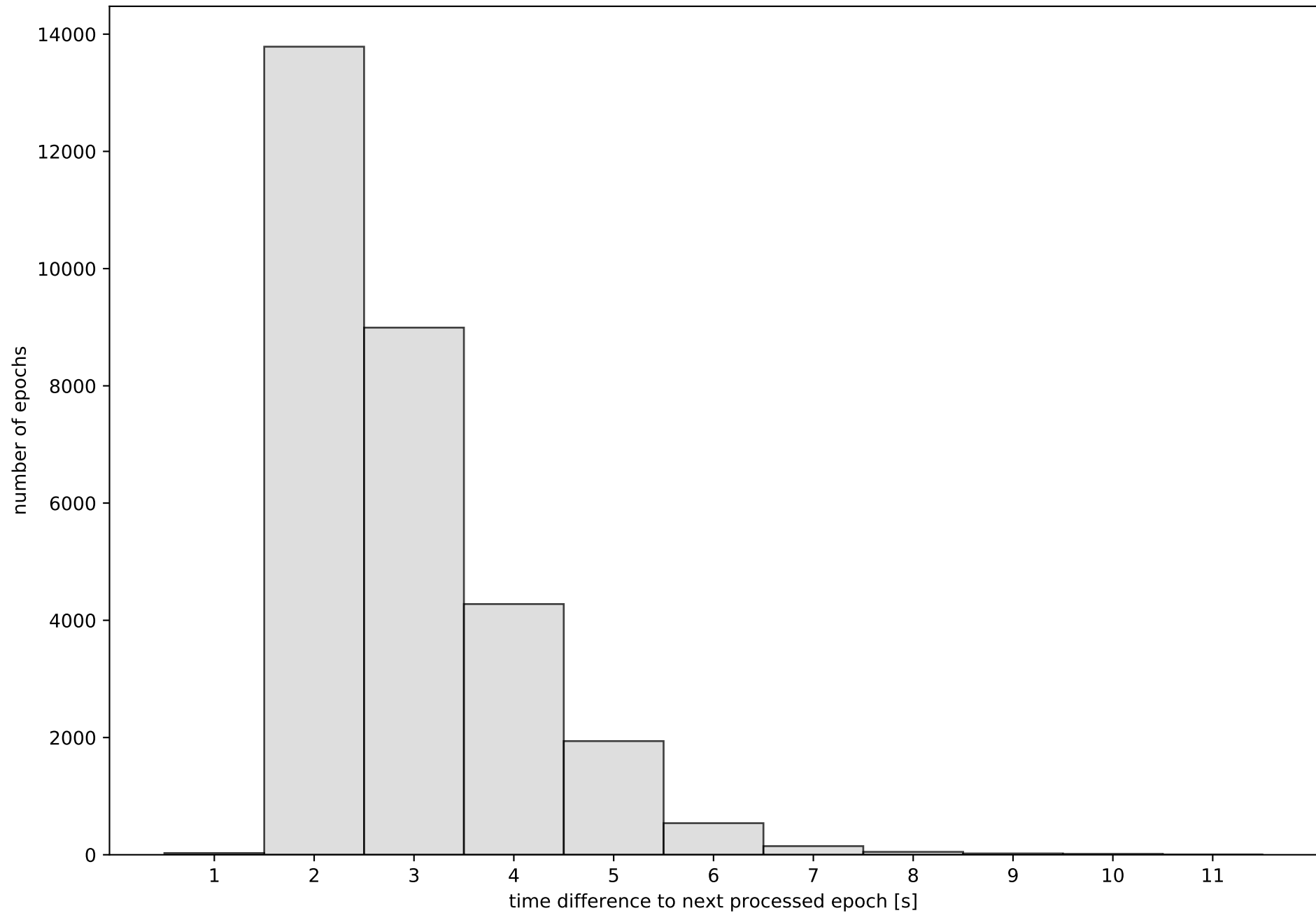
station information:

|               |                         |      |                      |                 |
|---------------|-------------------------|------|----------------------|-----------------|
| station ALDA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 881.799 |
| station ALSA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 584.184 |
| station AMUR: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 299.246 |
| station ELCI: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 525.694 |
| station ELGE: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 535.723 |
| station ESTE: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 523.468 |
| station HOND: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50 | height: 166.321 |
| station ISPS: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50 | height: 265.498 |
| station KAST: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 321.676 |
| station LANT: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 532.459 |
| station LEIT: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 530.056 |
| station LOSA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 510.244 |
| station ORON: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 204.825 |
| station PASA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 67.372  |
| station RIO1: | antenna: LEIAR25.R4     | LEIT | receiver: LEICA GR50 | height: 450.426 |
| station SANR: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 361.499 |
| station SOPU: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 168.983 |
| station TAFA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 473.837 |
| station UPNA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50 | height: 500.91  |
| station VITO: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30 | height: 600.461 |

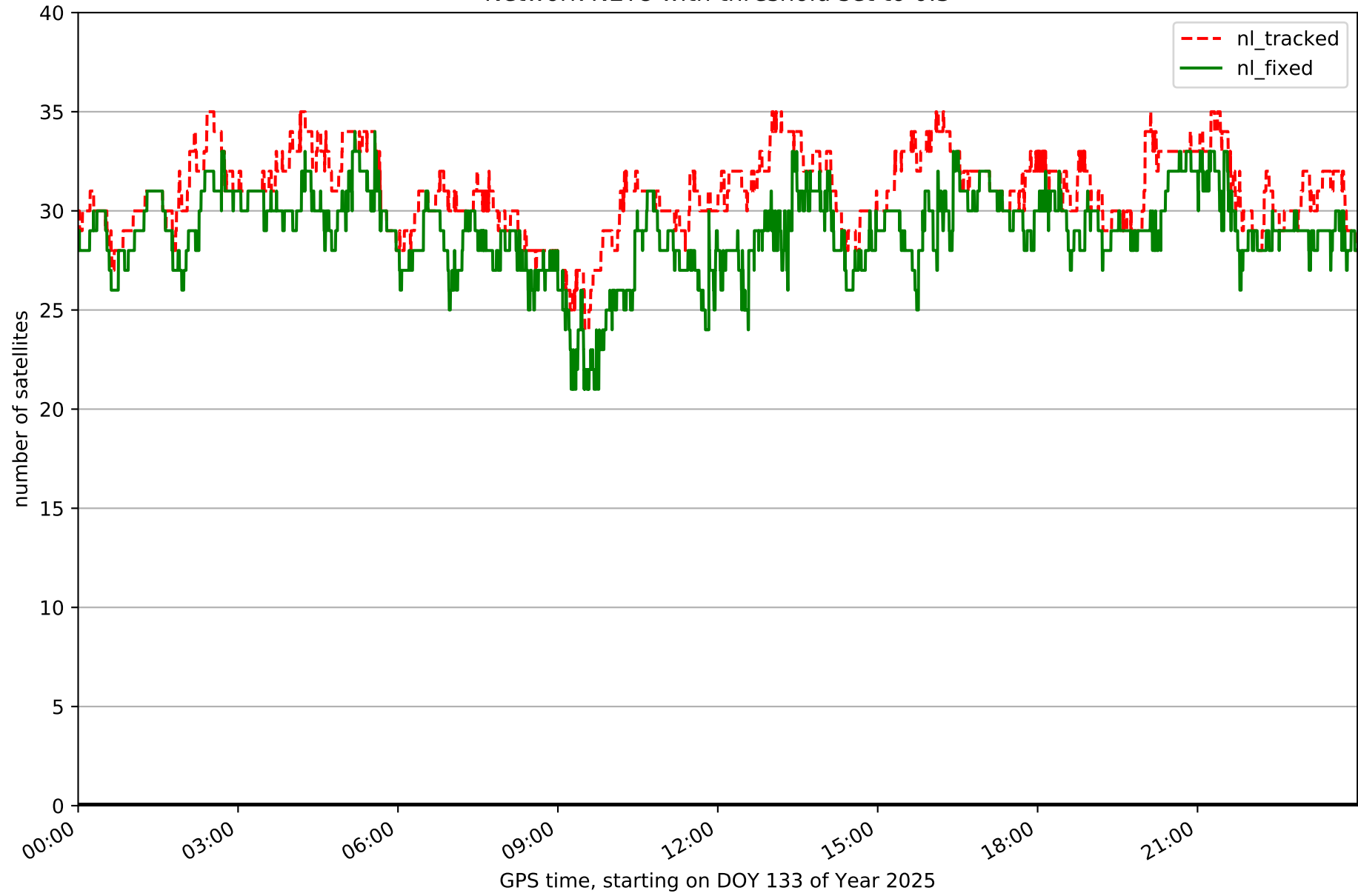
Processing rate in network NET8



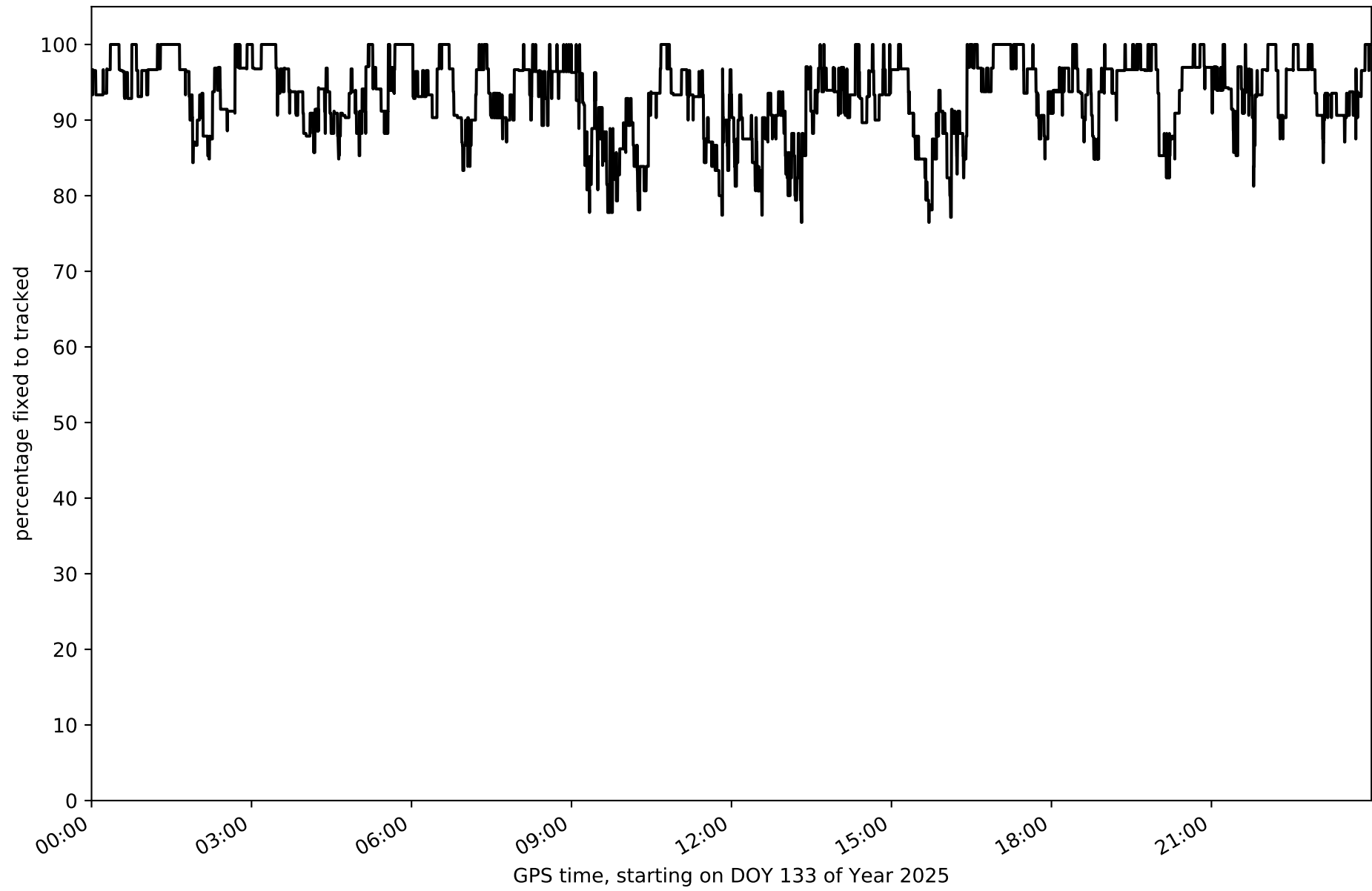
Histogram of the processing rate in network NET8 (durations larger 15 seconds neglected)



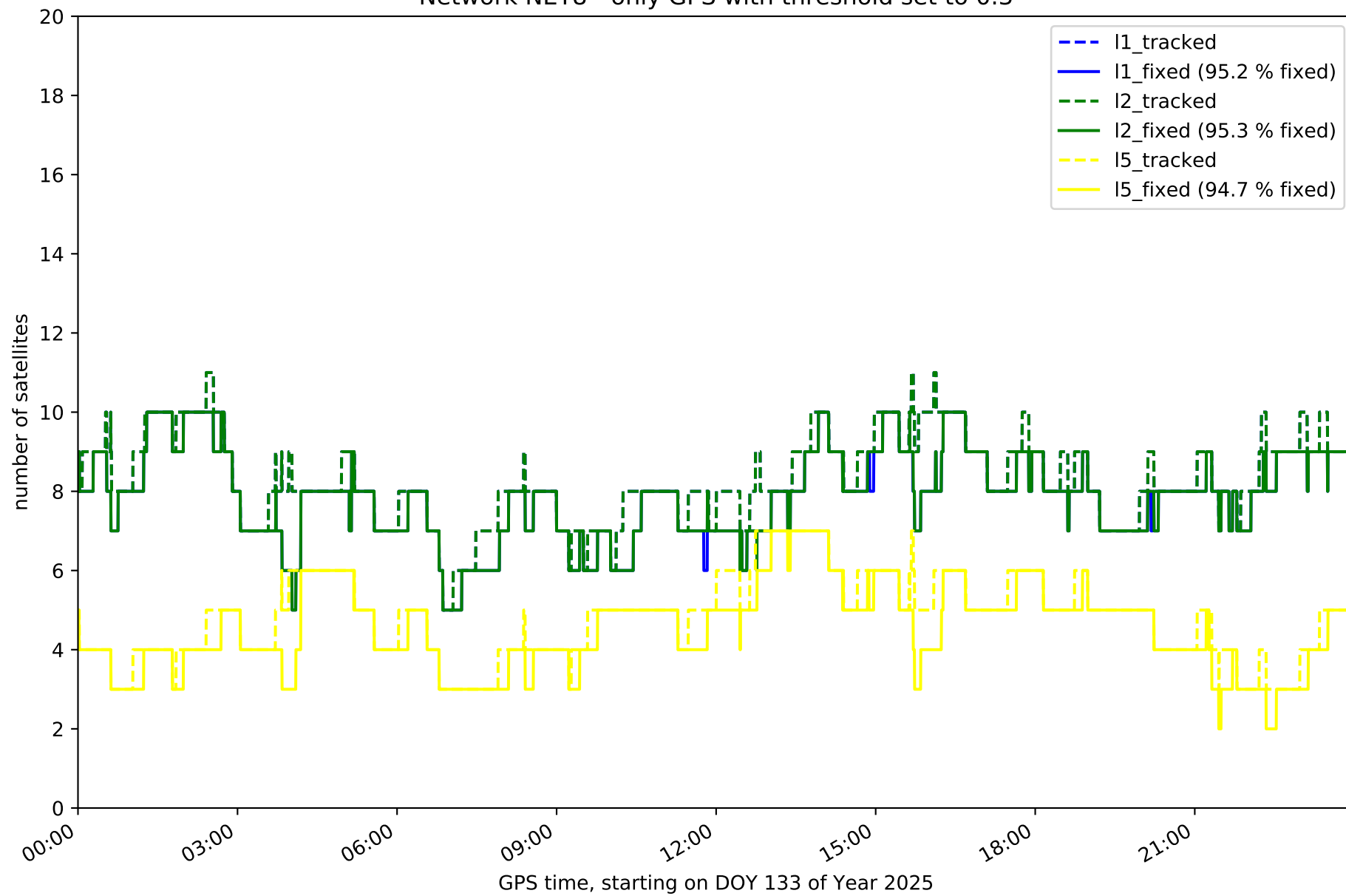
Network NET8 with threshold set to 0.3



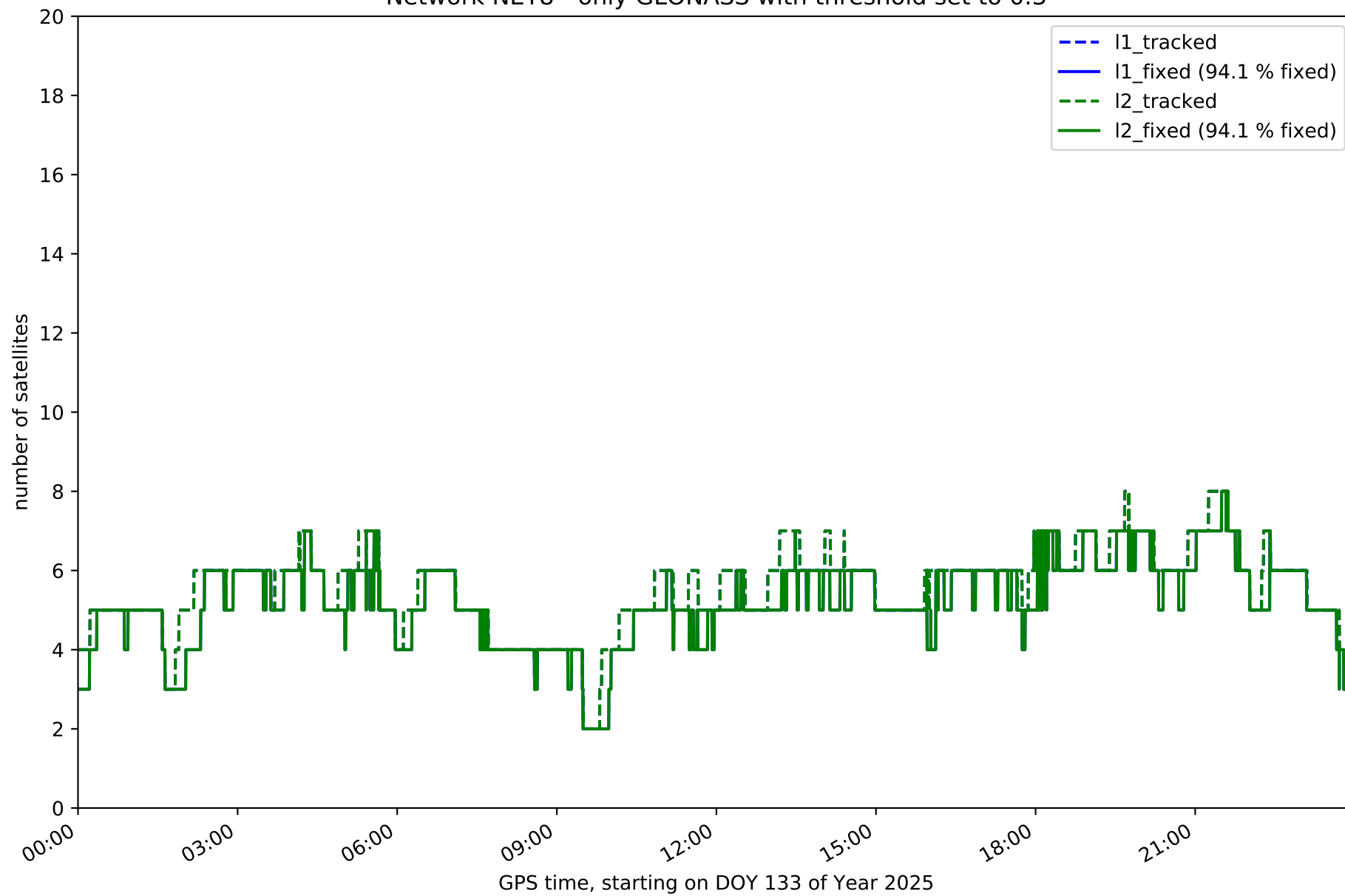
Fixing percentage of satellites in network NET8 with threshold set to 0.3



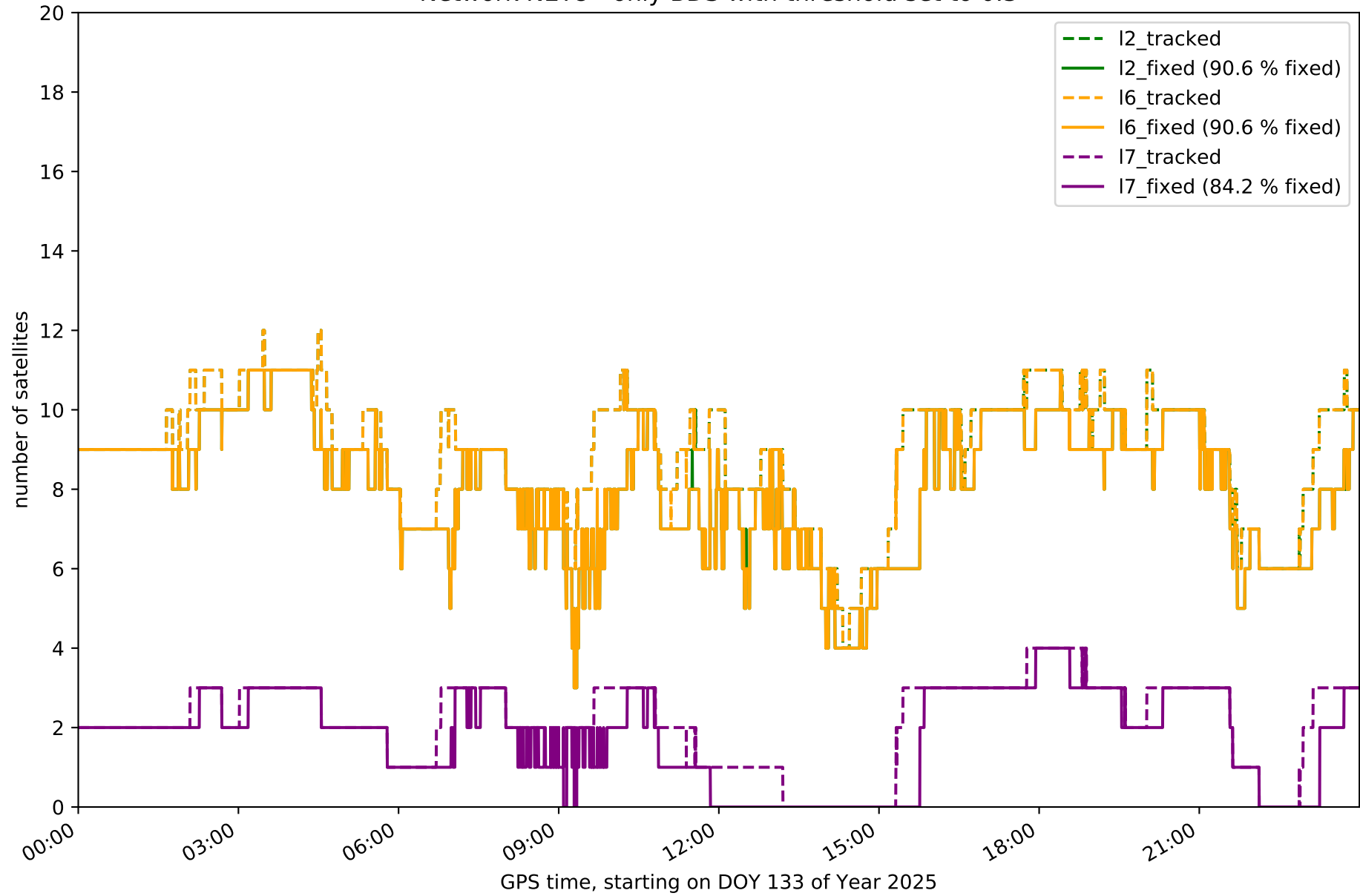
Network NET8 - only GPS with threshold set to 0.3



Network NET8 - only GLONASS with threshold set to 0.3

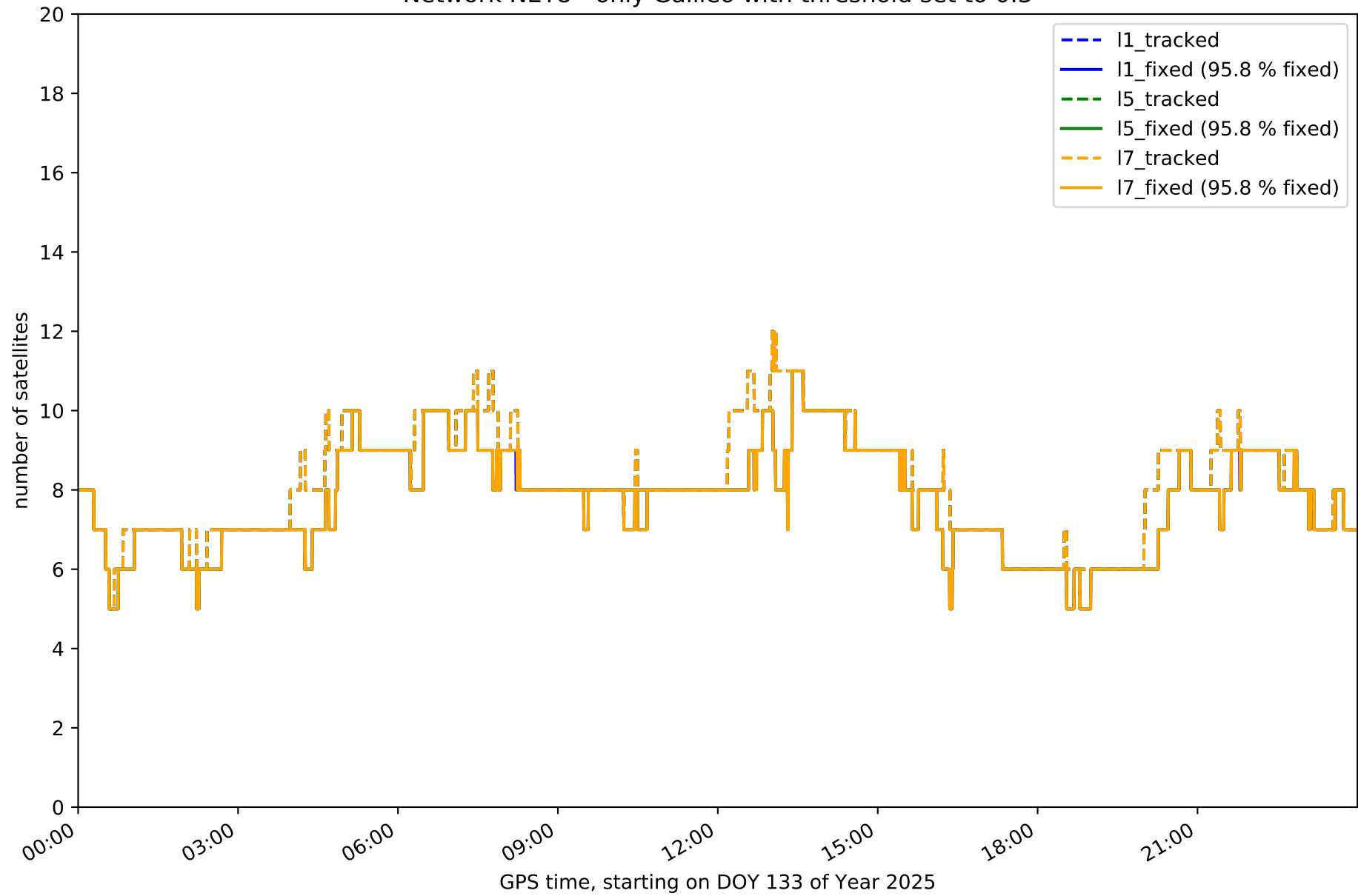


Network NET8 - only BDS with threshold set to 0.3

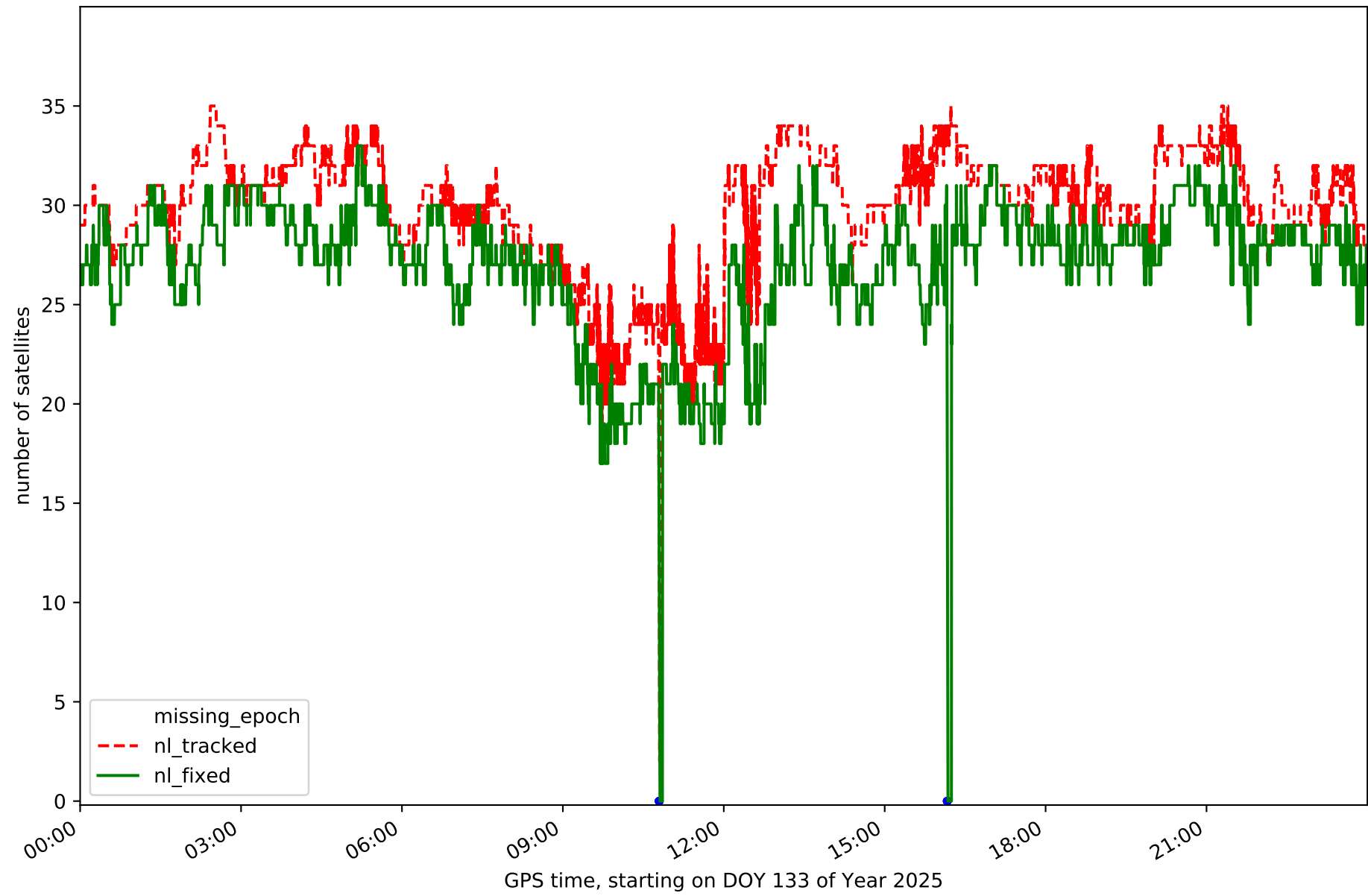




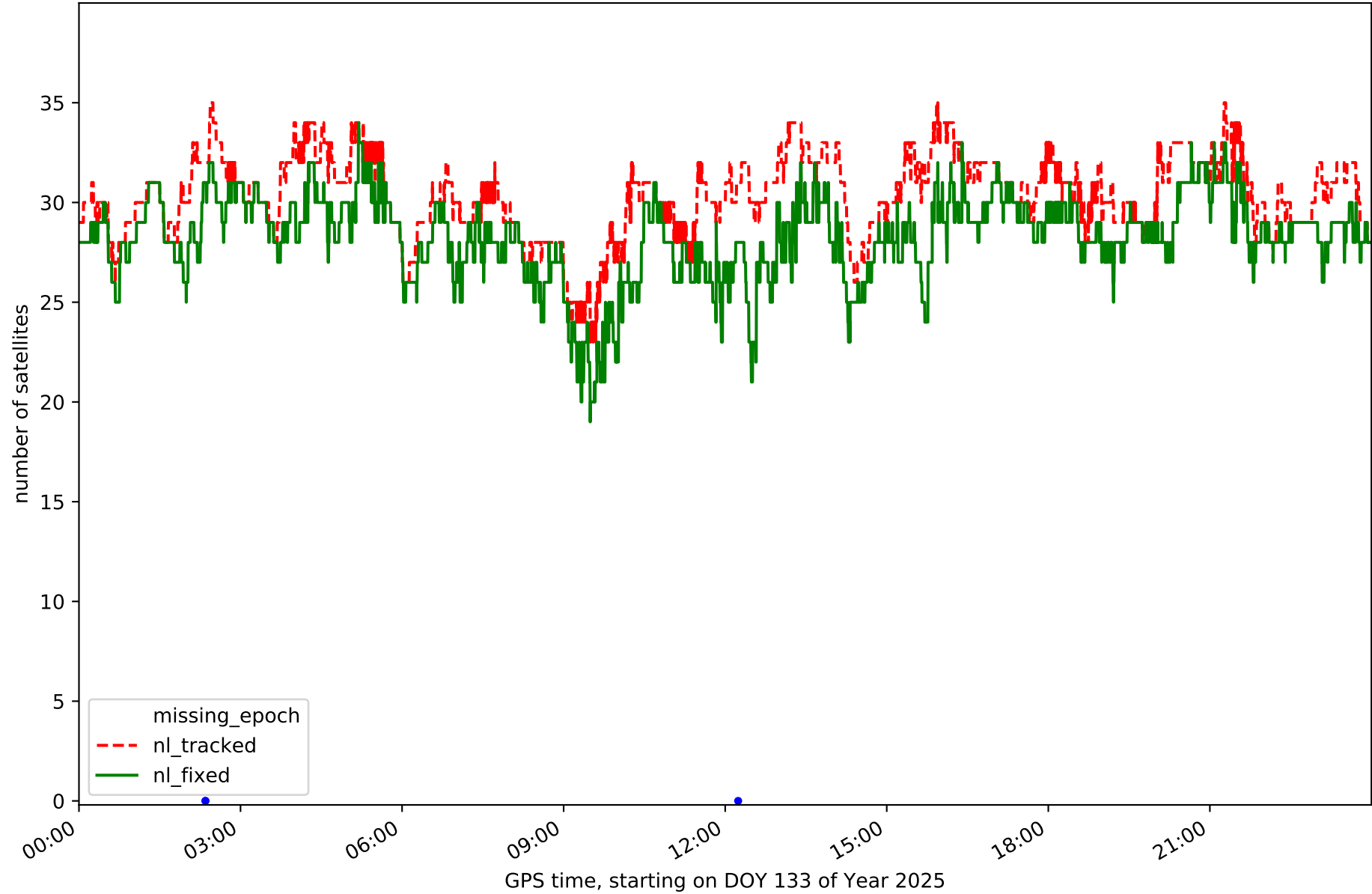
Network NET8 - only Galileo with threshold set to 0.3



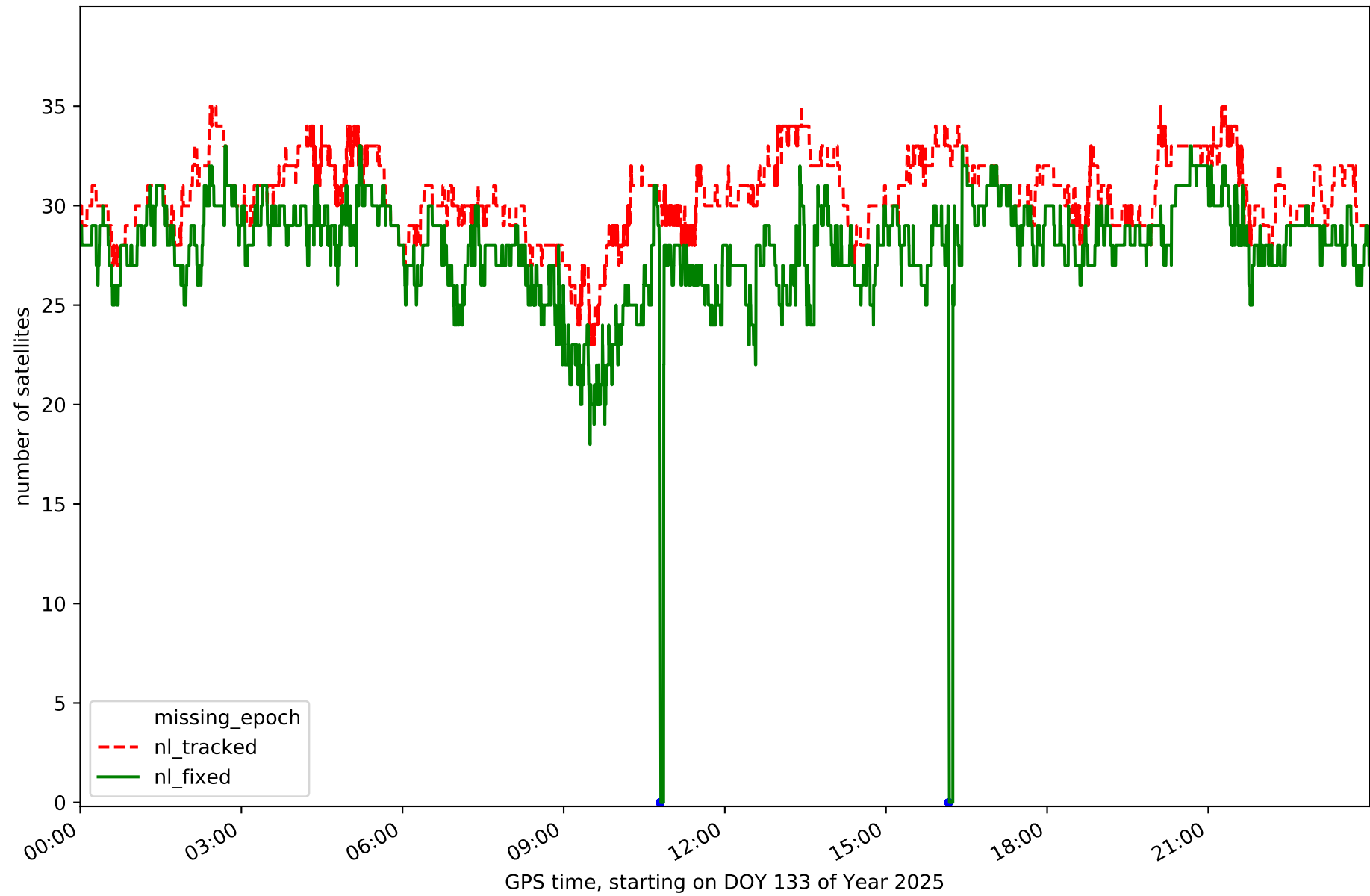
Station ALDA in network NET8



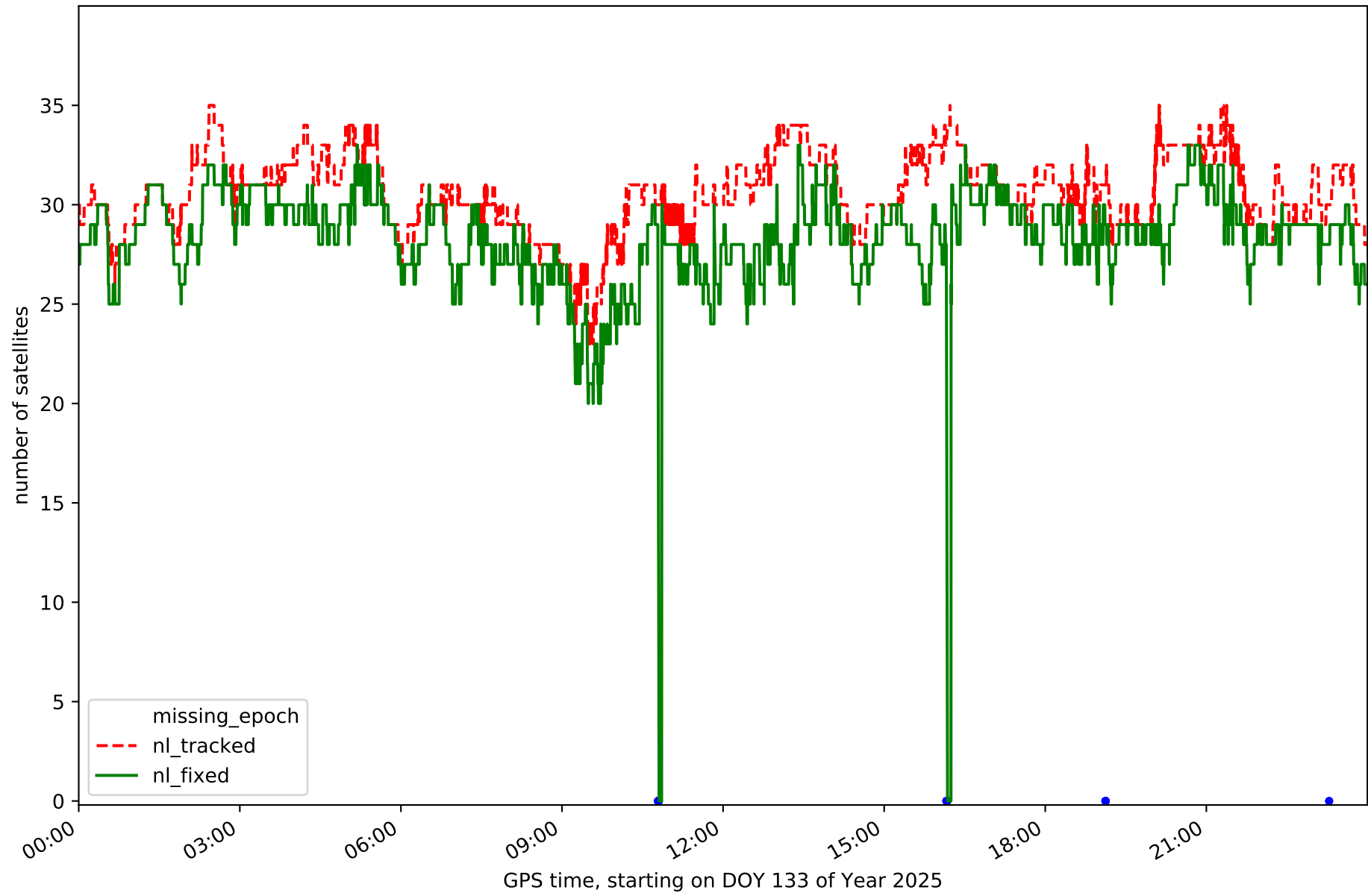
Station ALSA in network NET8



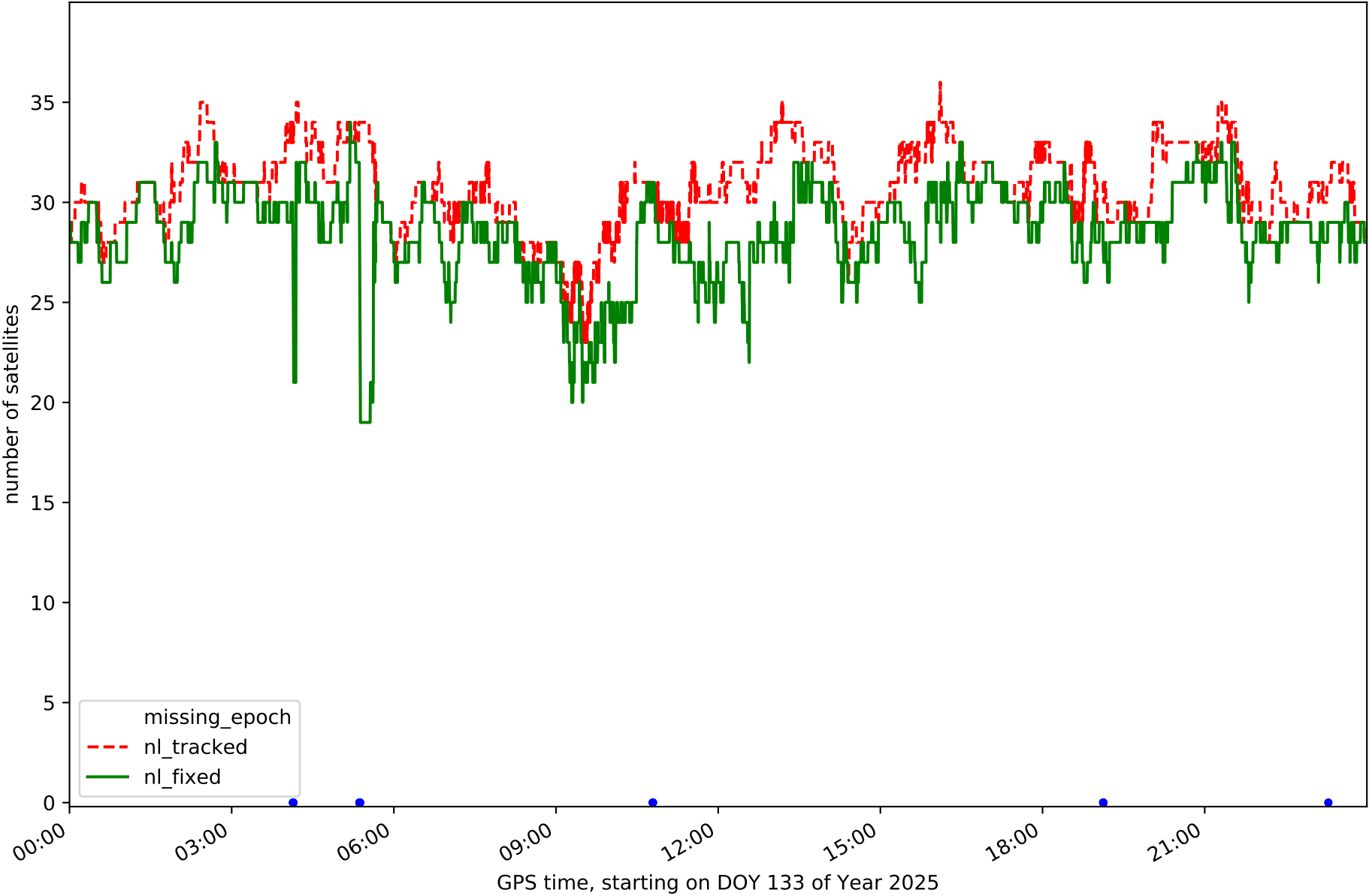
Station AMUR in network NET8



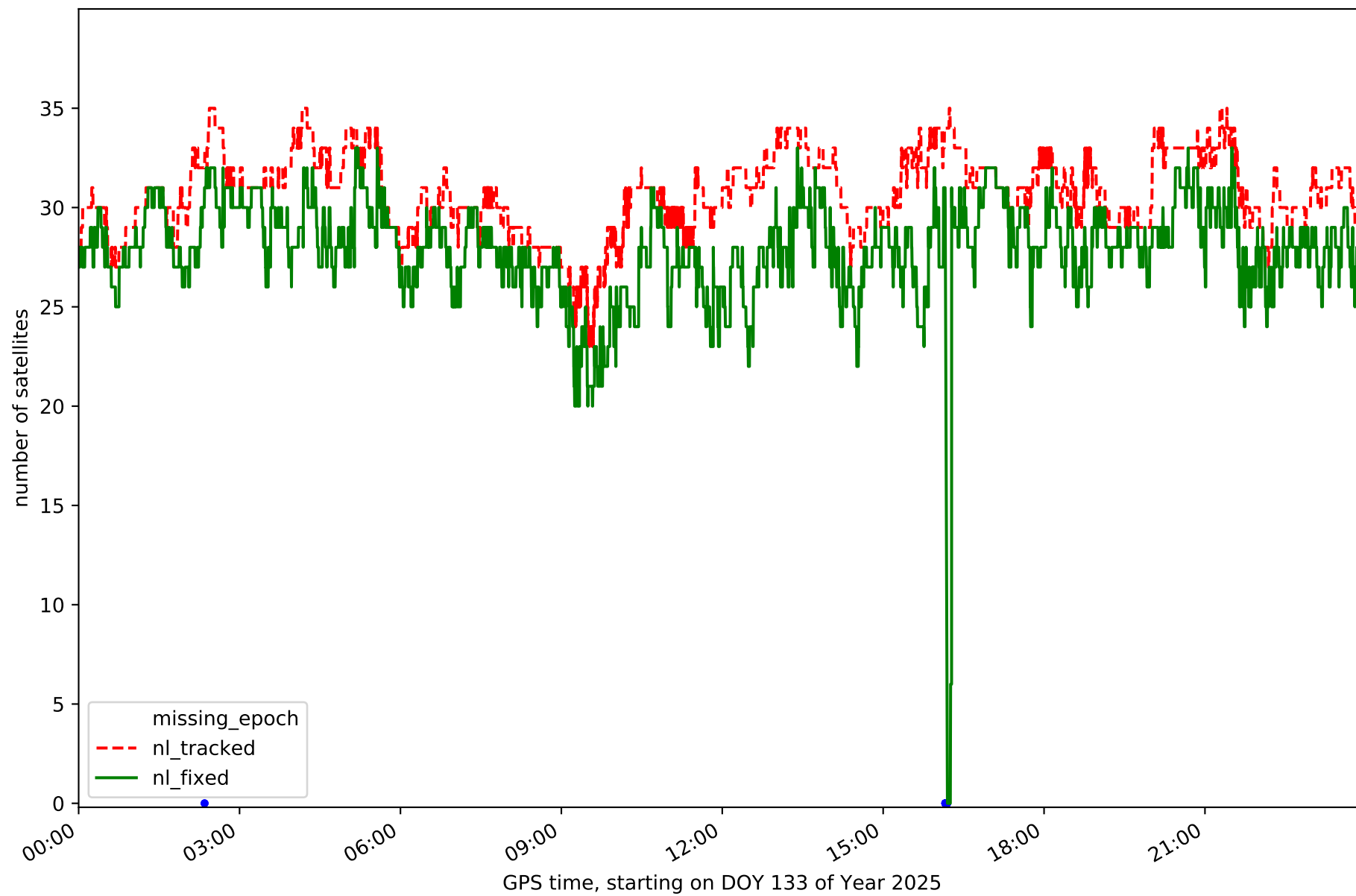
Station ELCI in network NET8



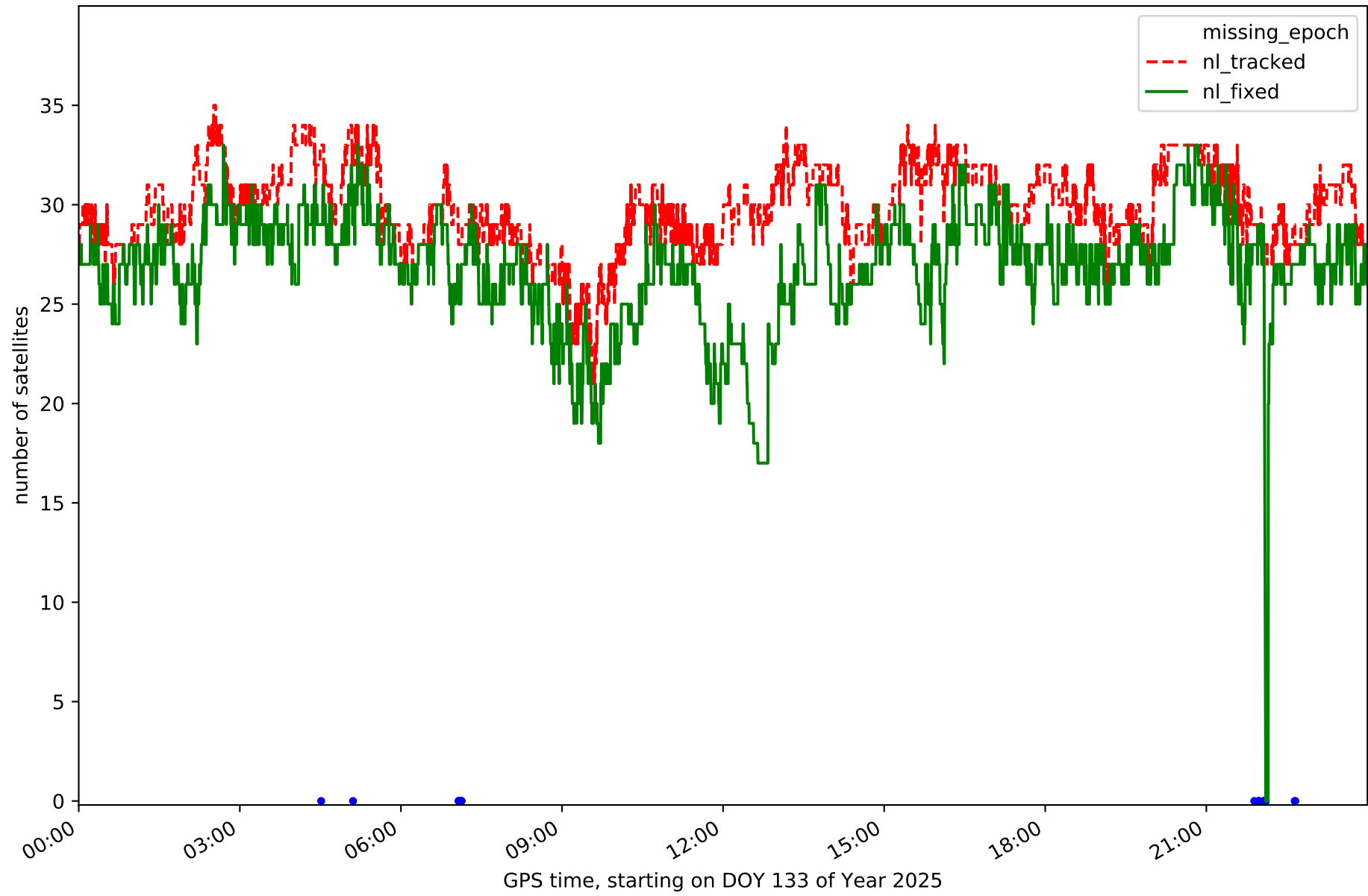
Station ELGE in network NET8



Station ESTE in network NET8

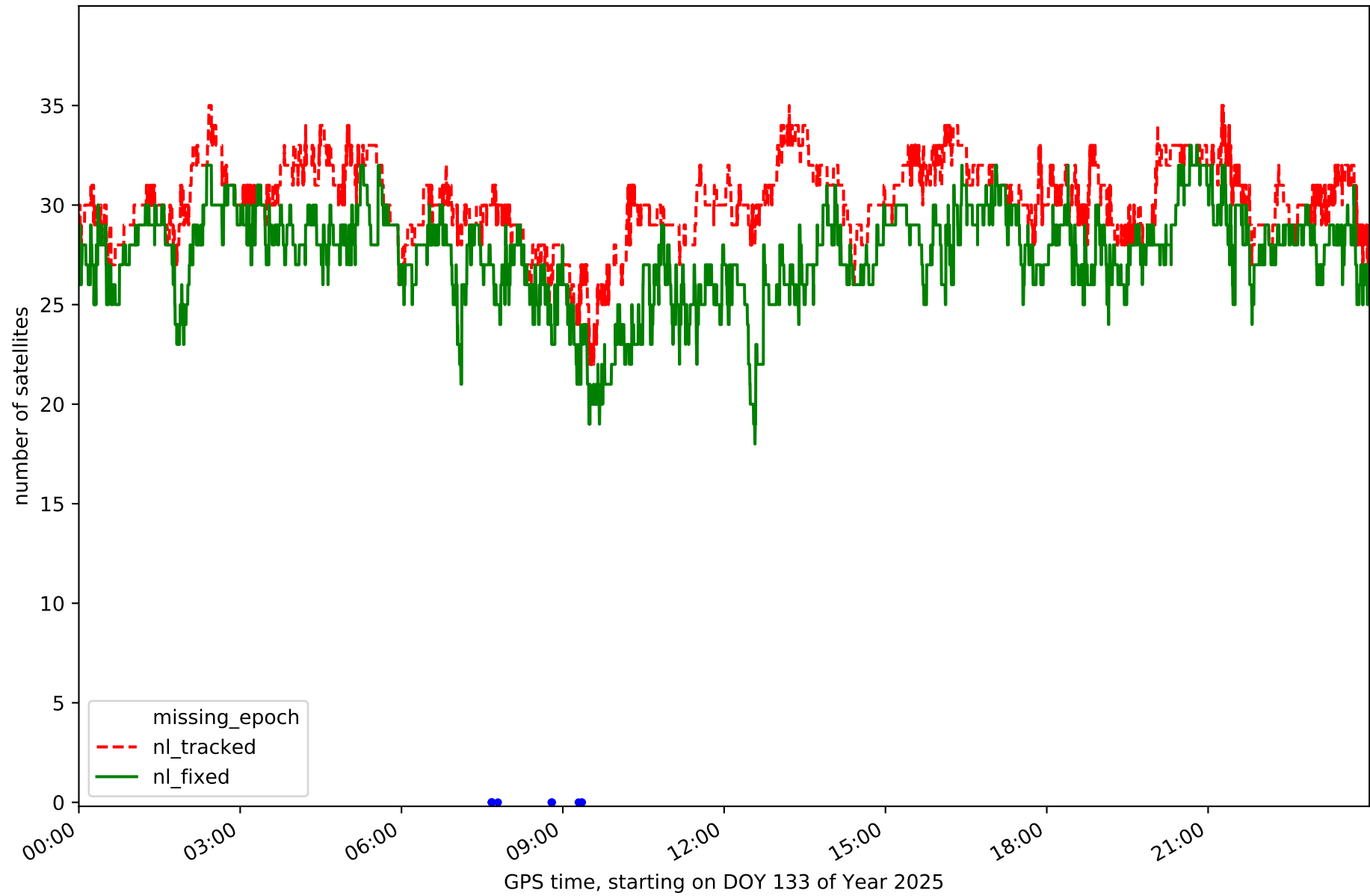


Station HOND in network NET8

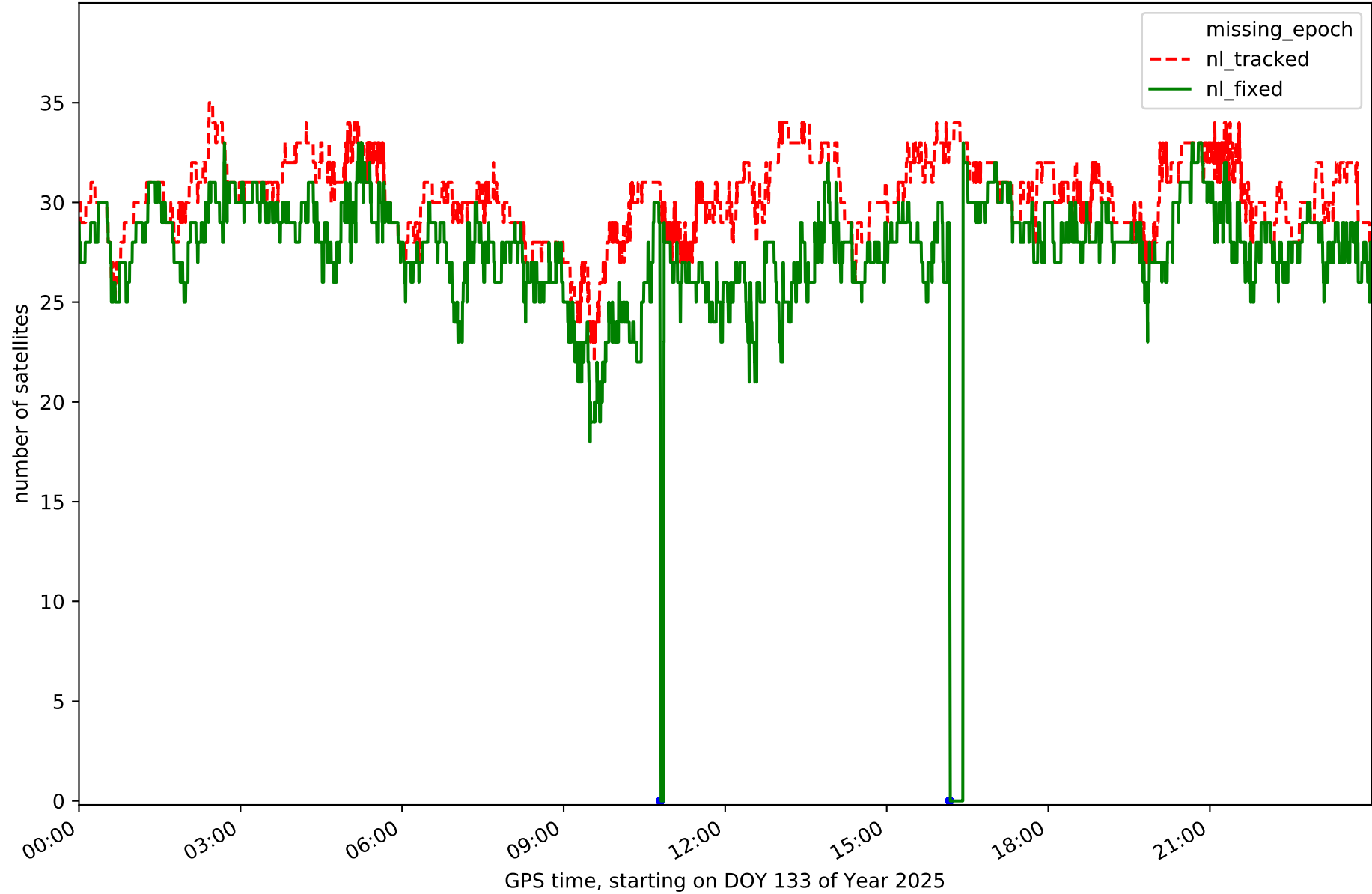




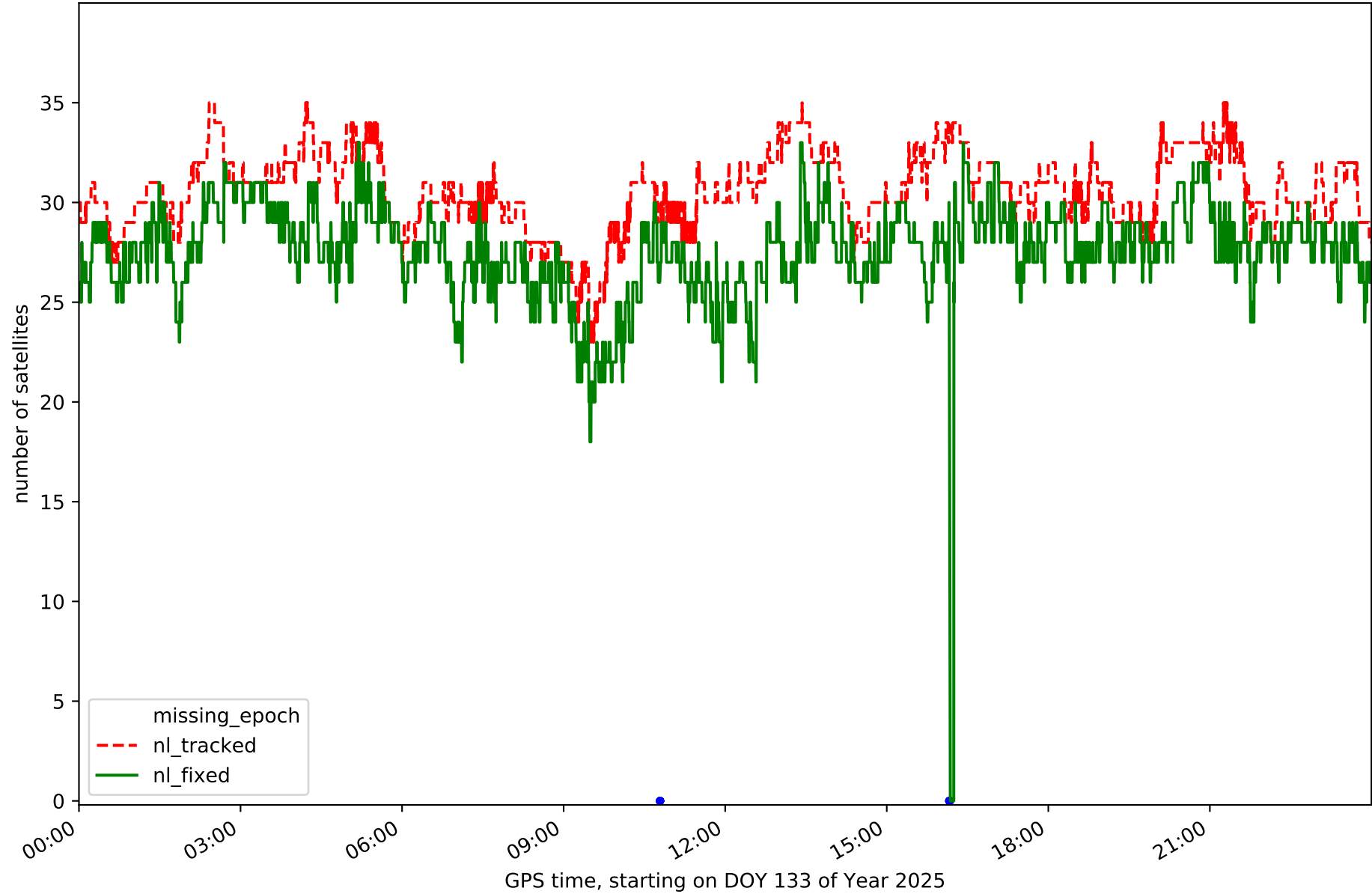
Station ISPS in network NET8



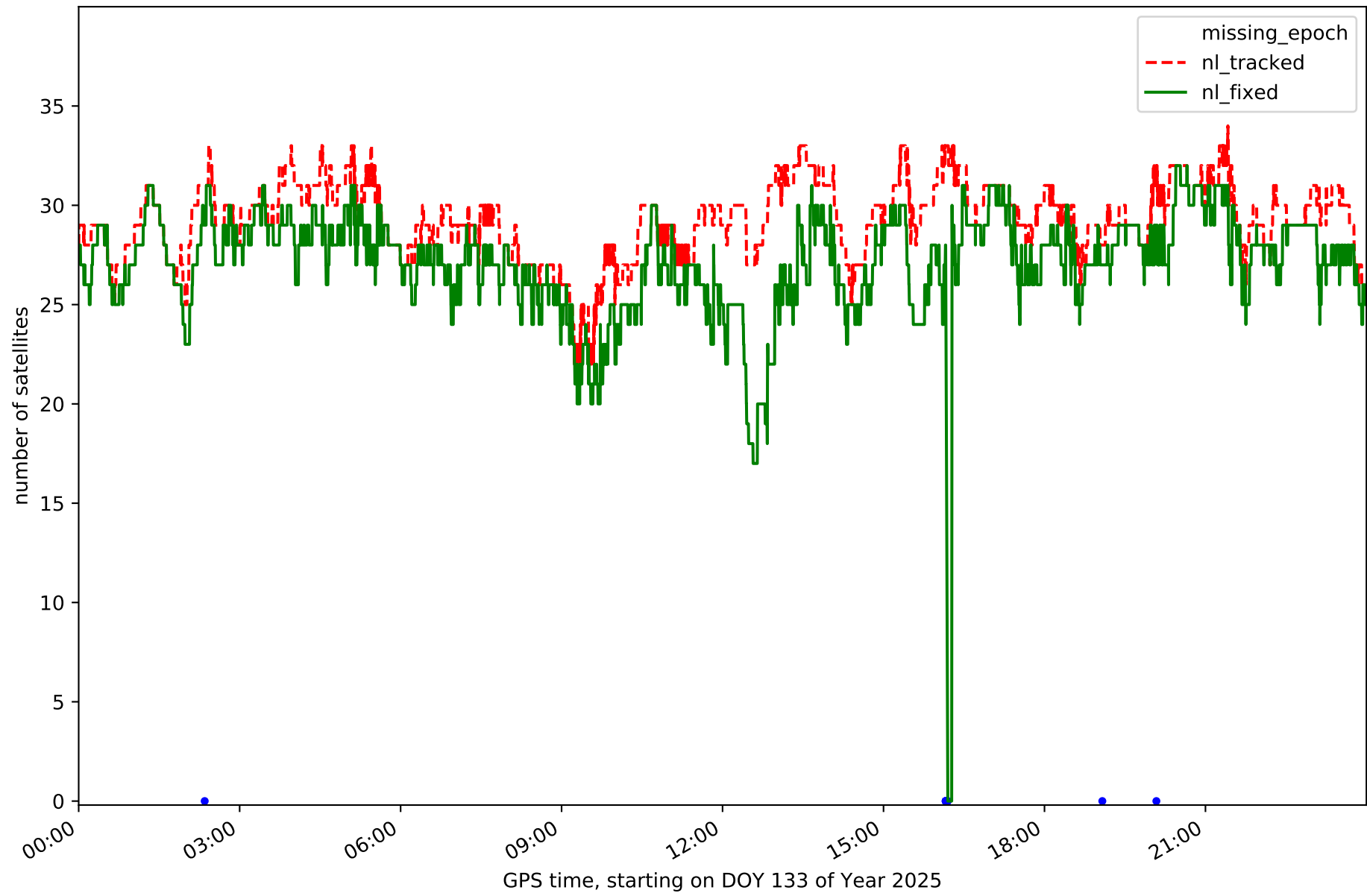
Station KAST in network NET8



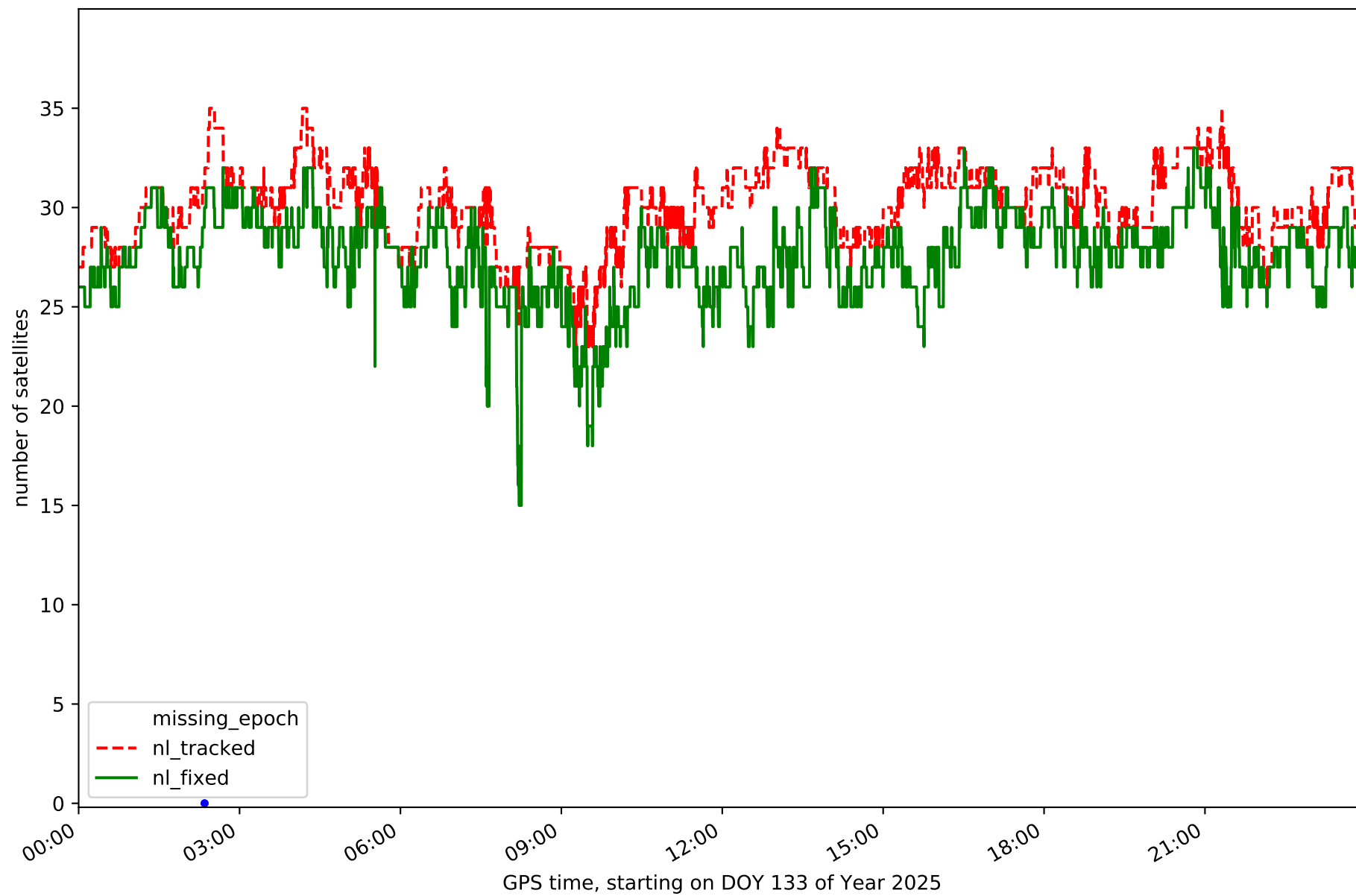
Station LANT in network NET8



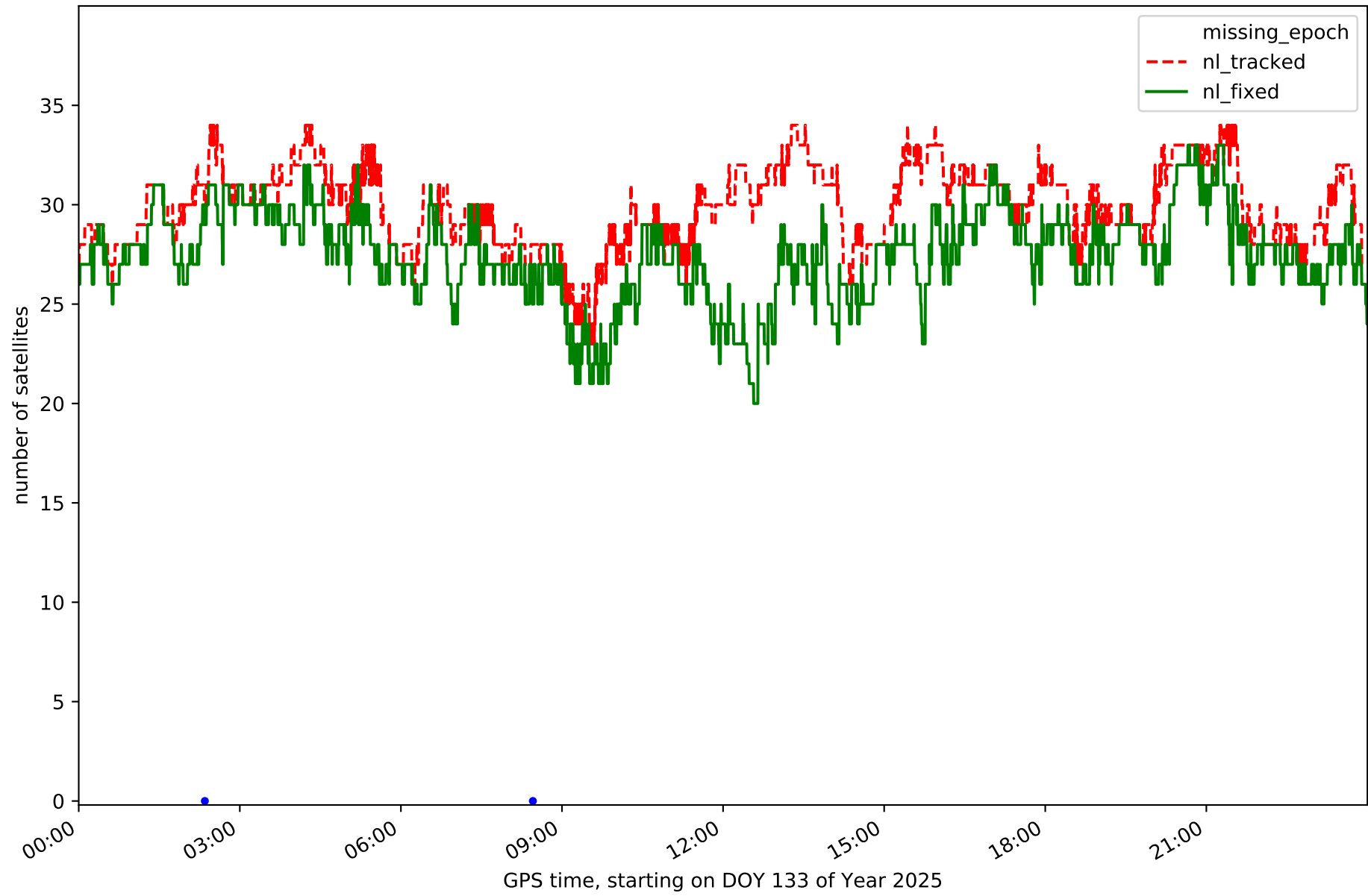
Station LEIT in network NET8



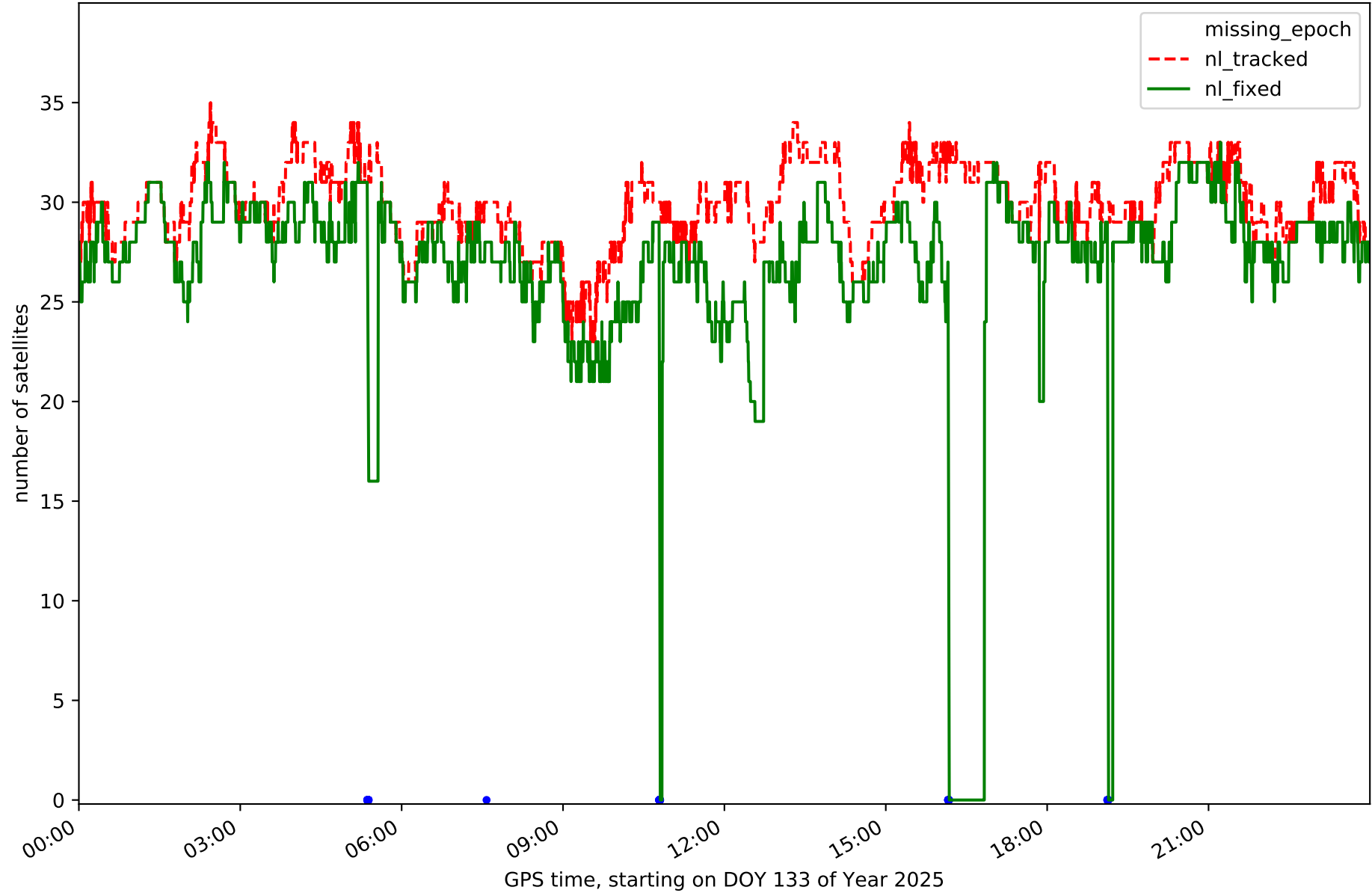
Station LOSA in network NET8



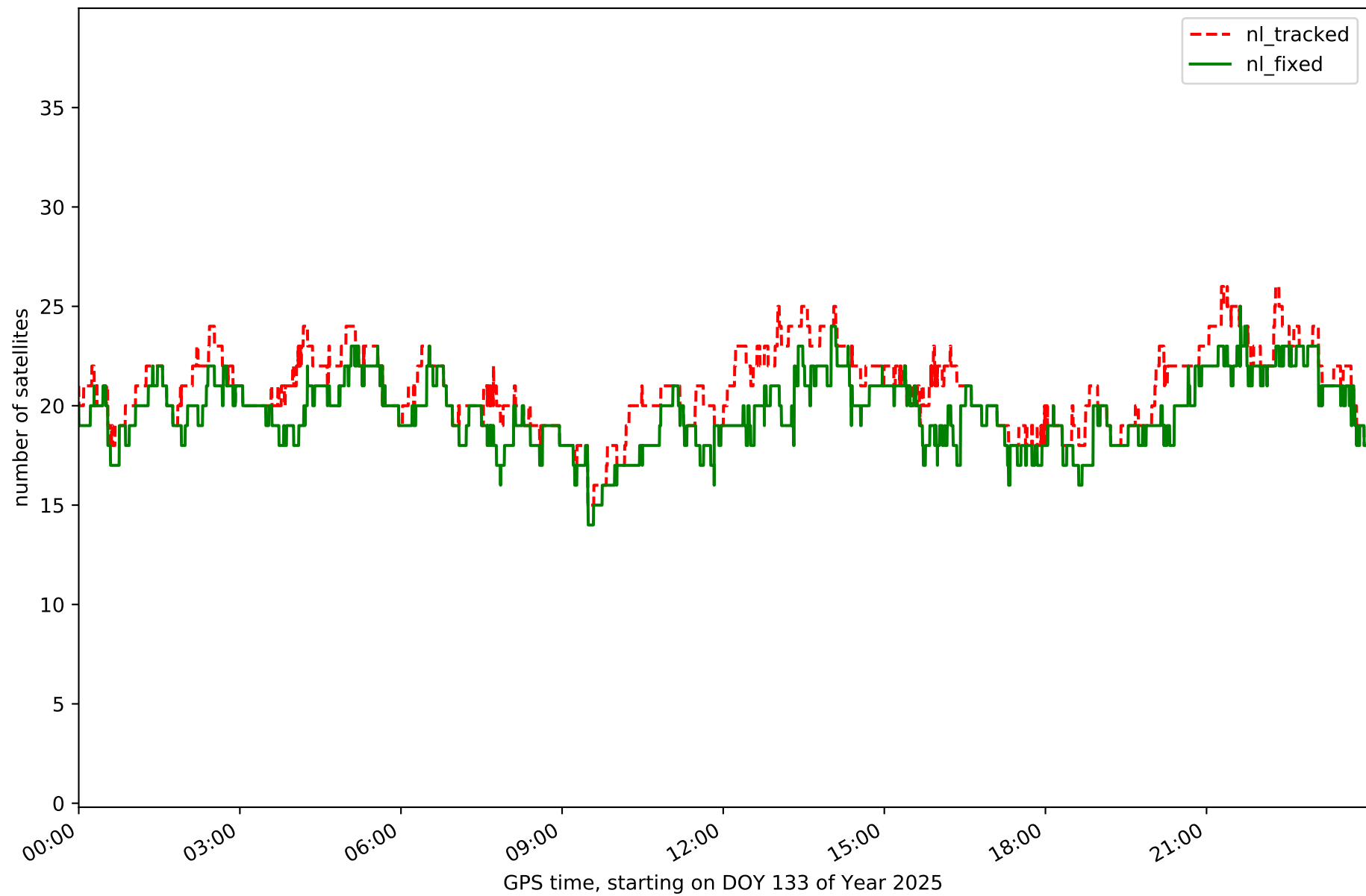
Station ORON in network NET8



Station PASA in network NET8

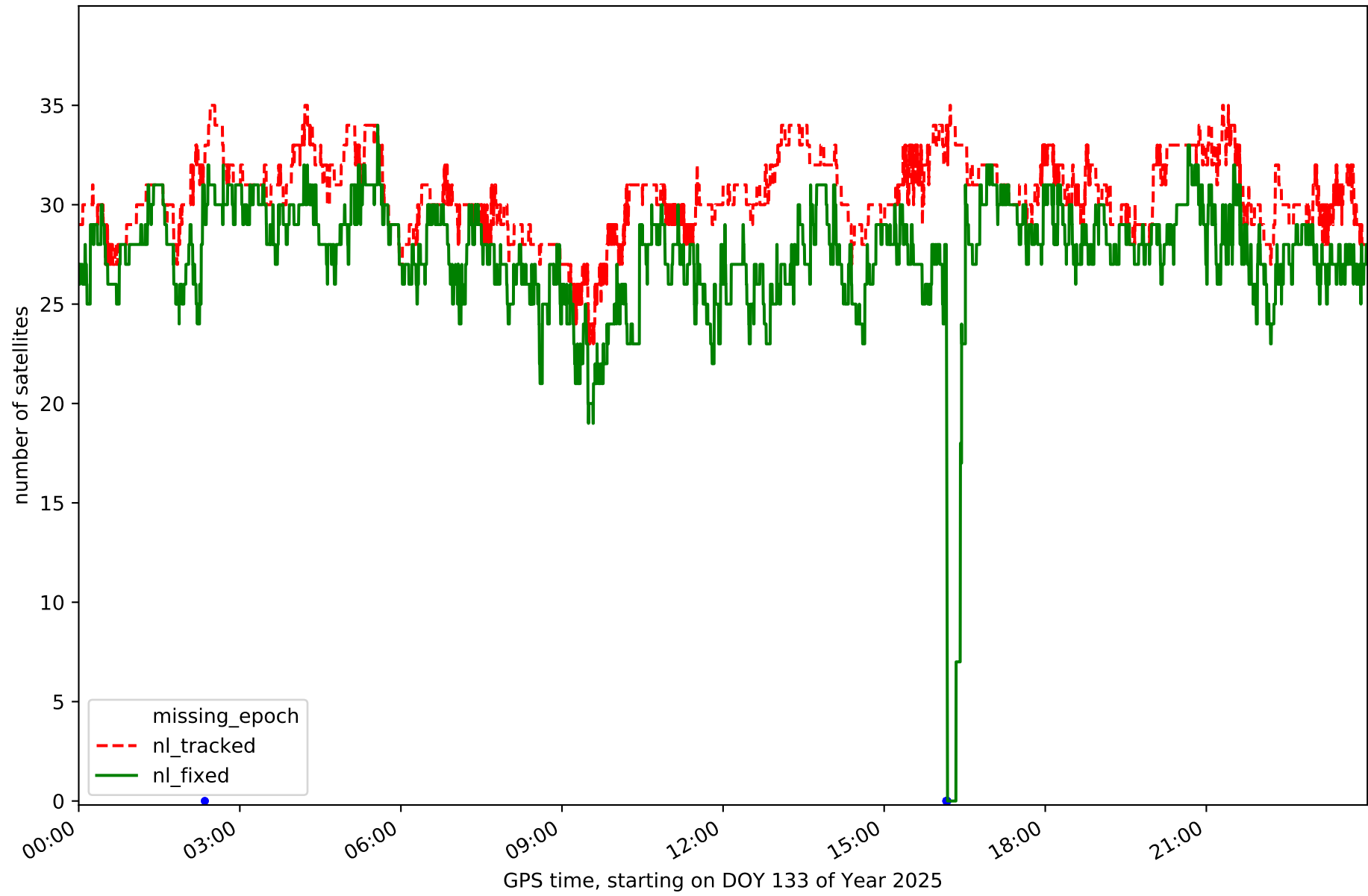


Station RIO1 in network NET8

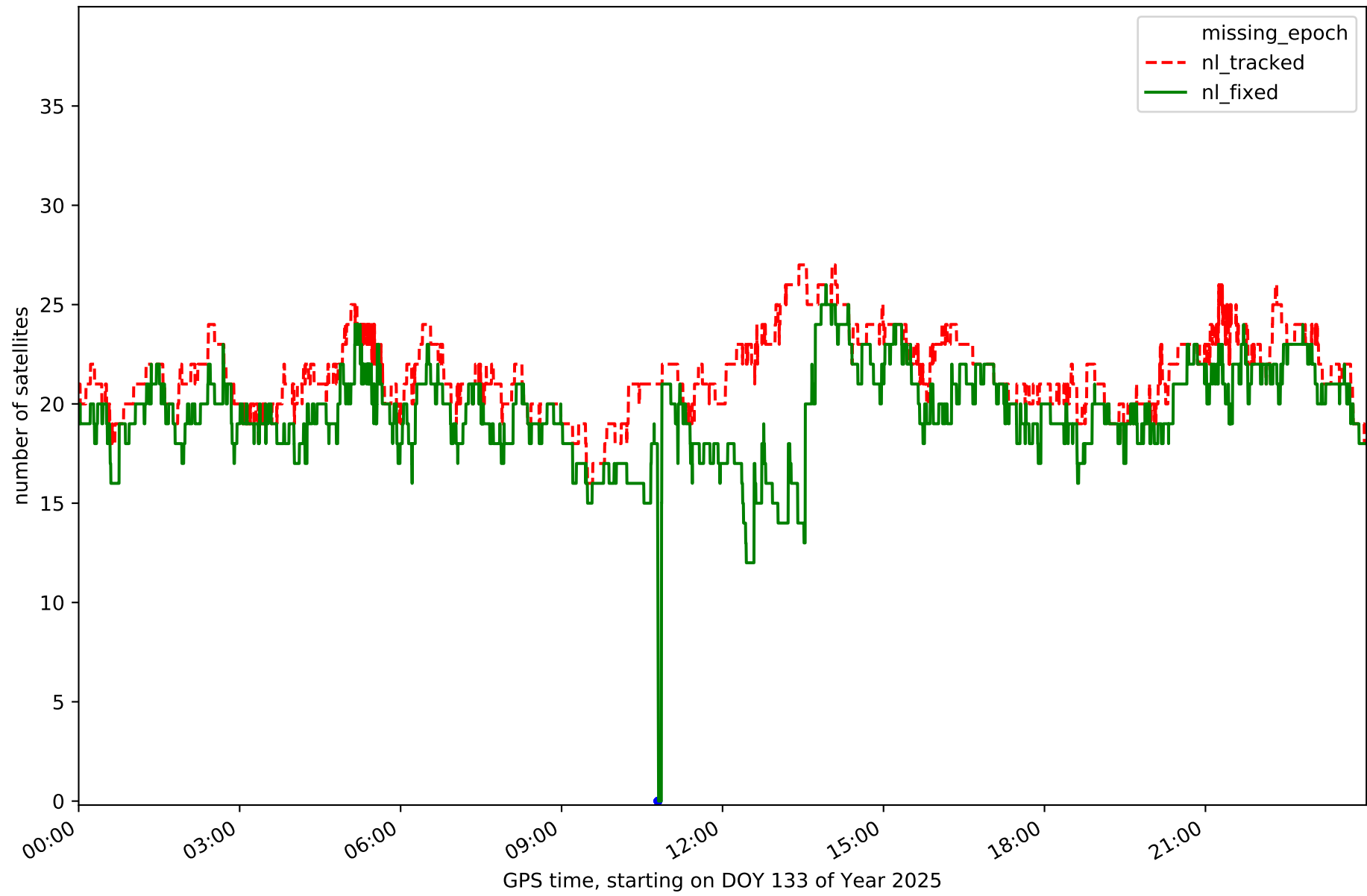




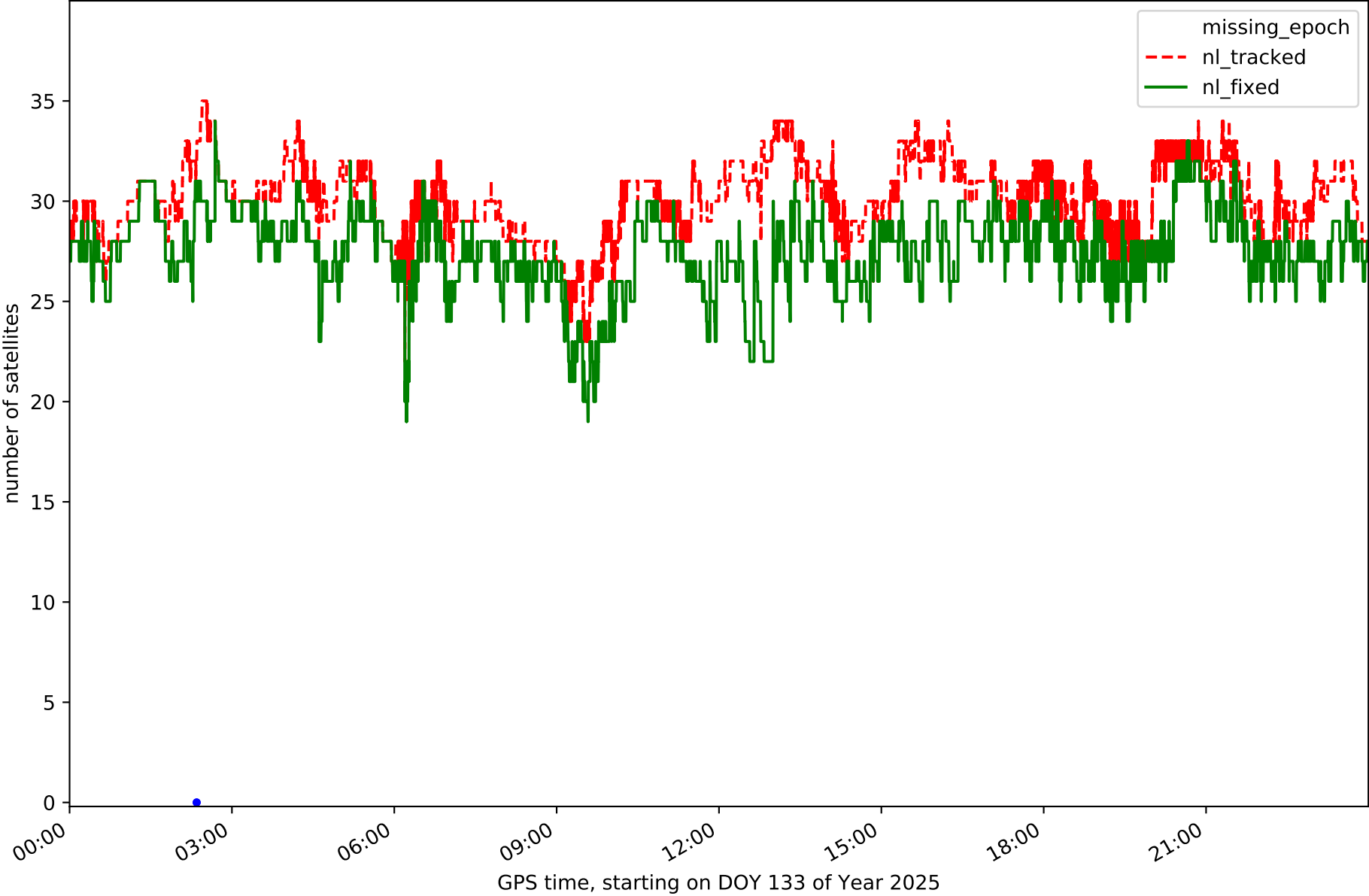
Station SANR in network NET8



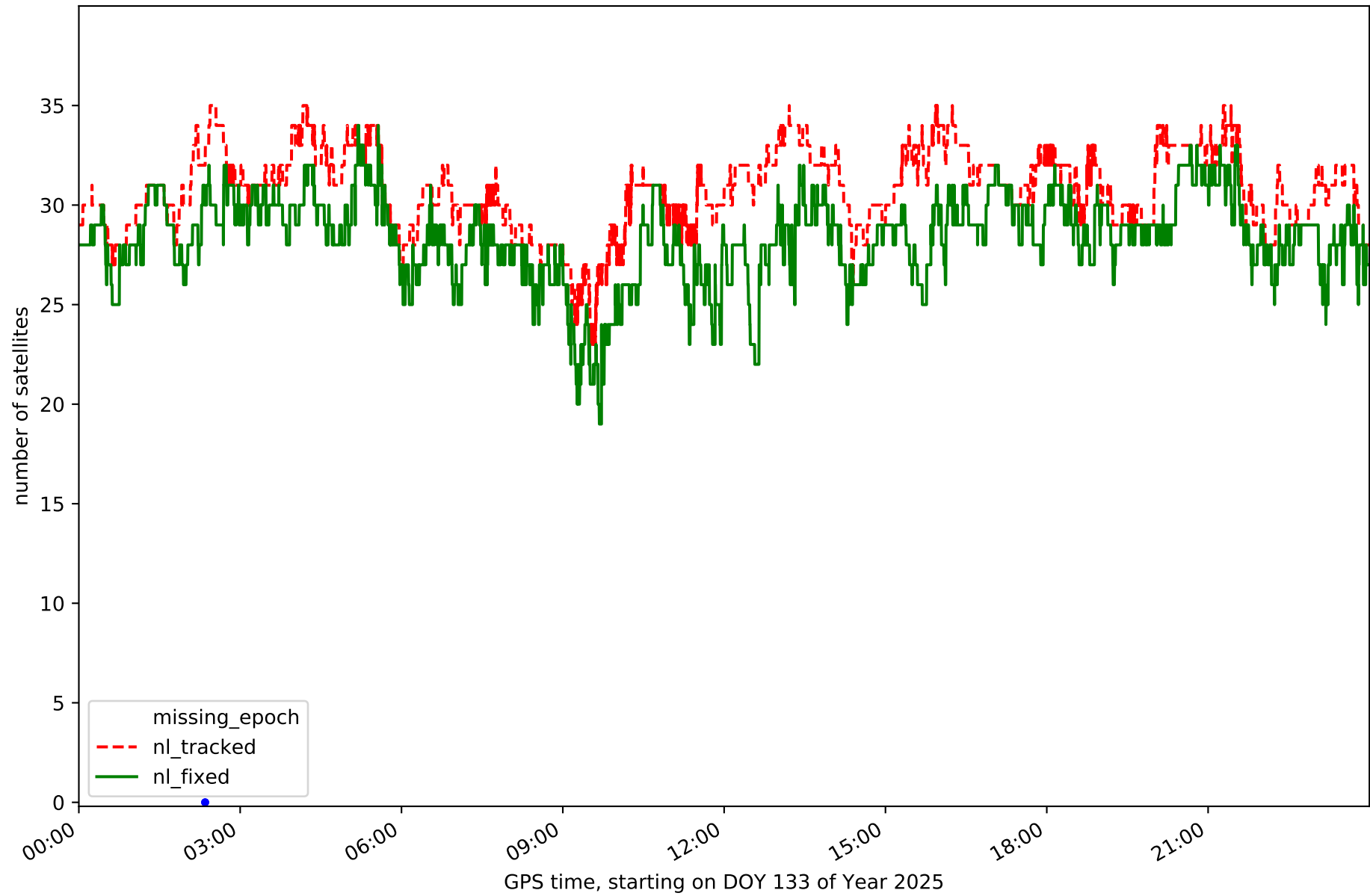
Station SOPU in network NET8



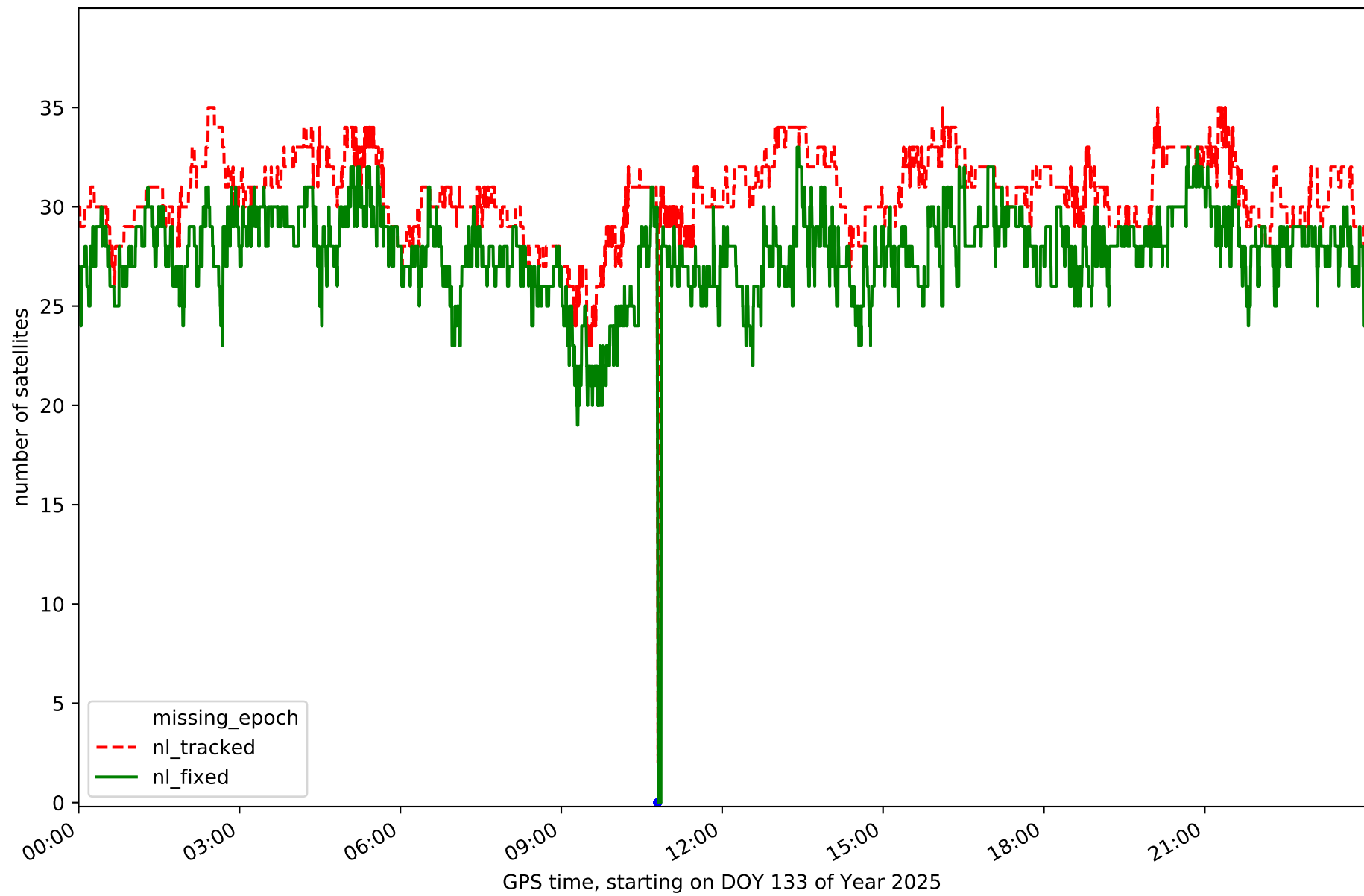
Station TAFE in network NET8



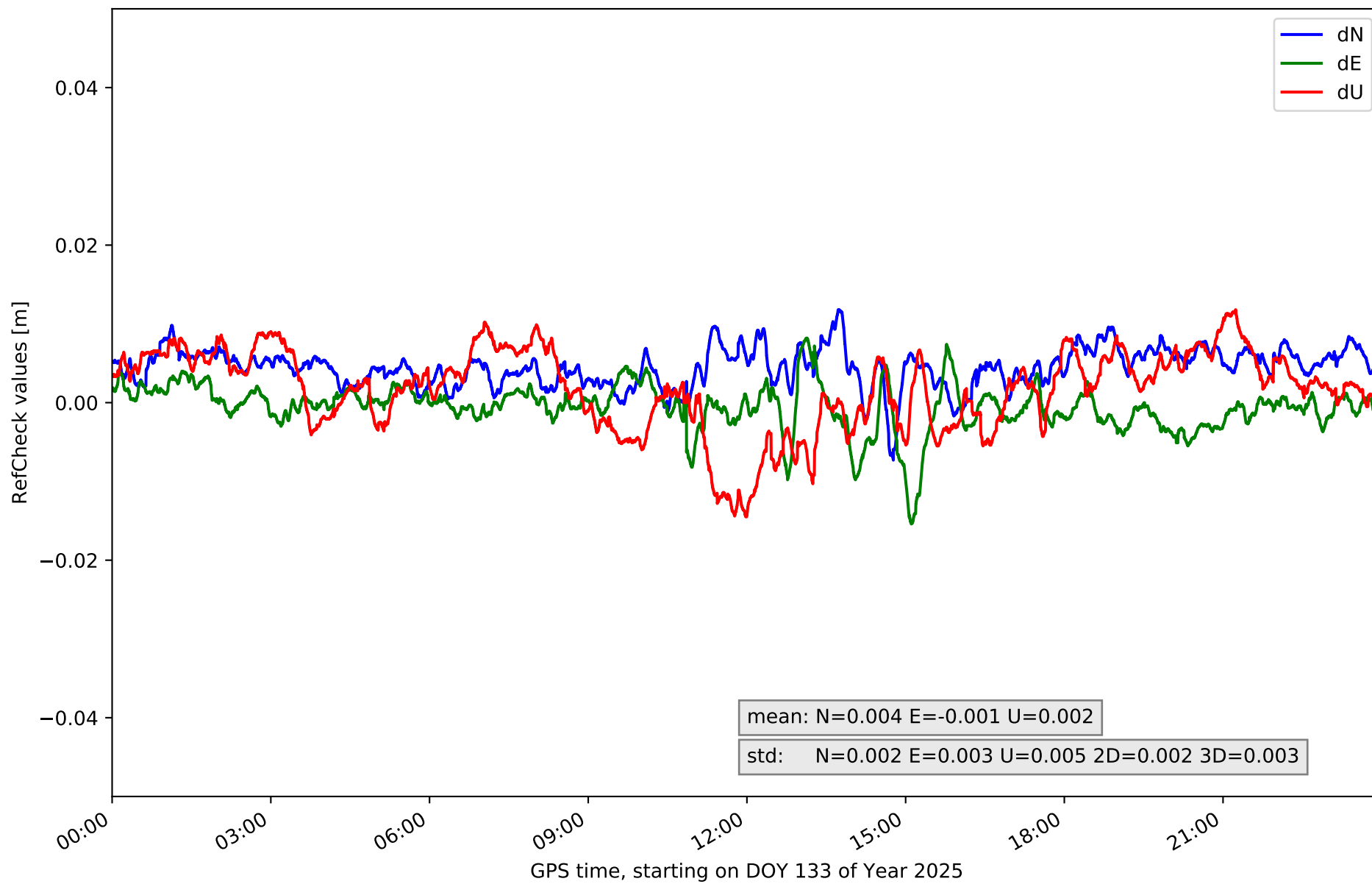
Station UPNA in network NET8



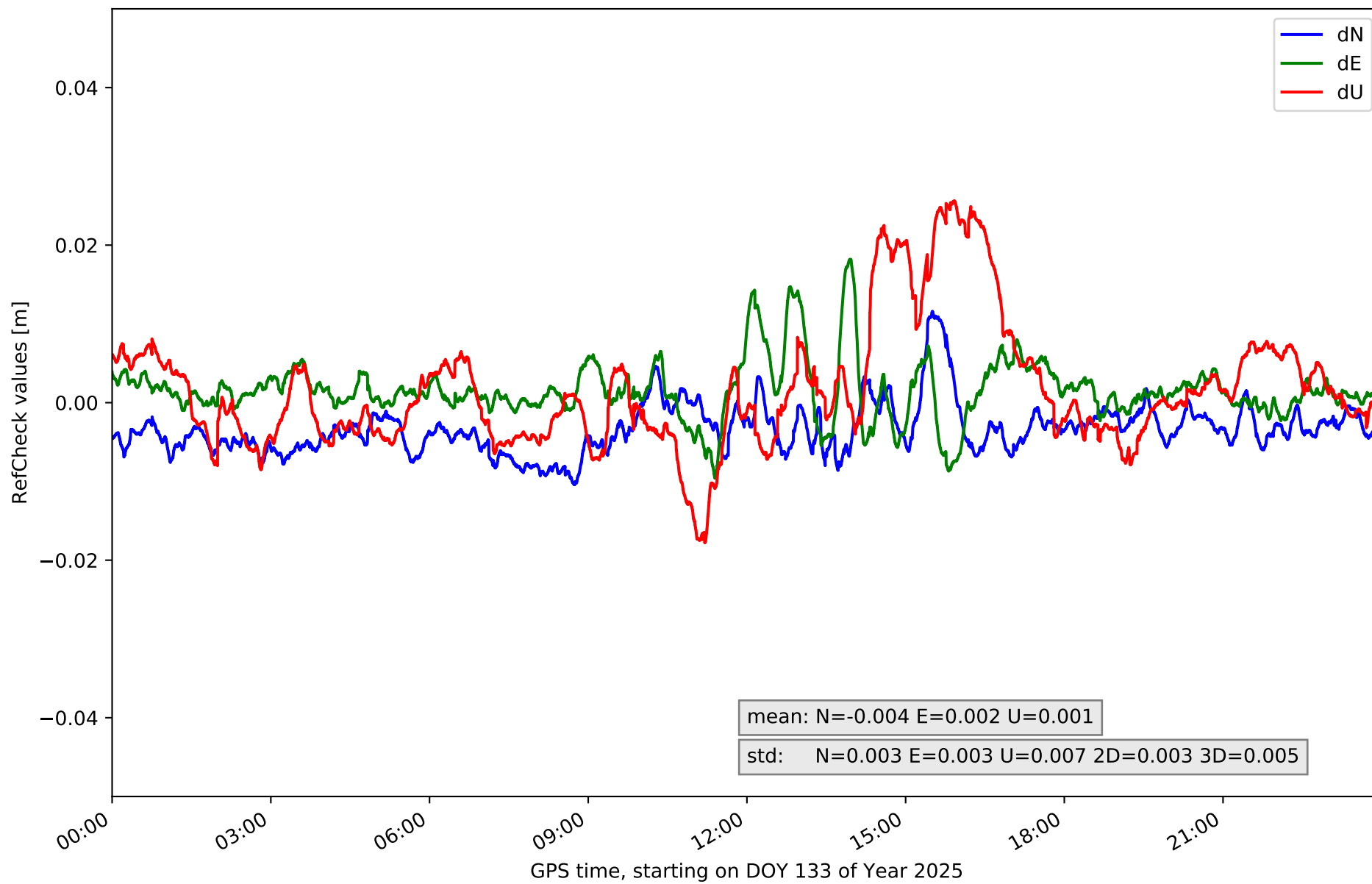
Station VITO in network NET8



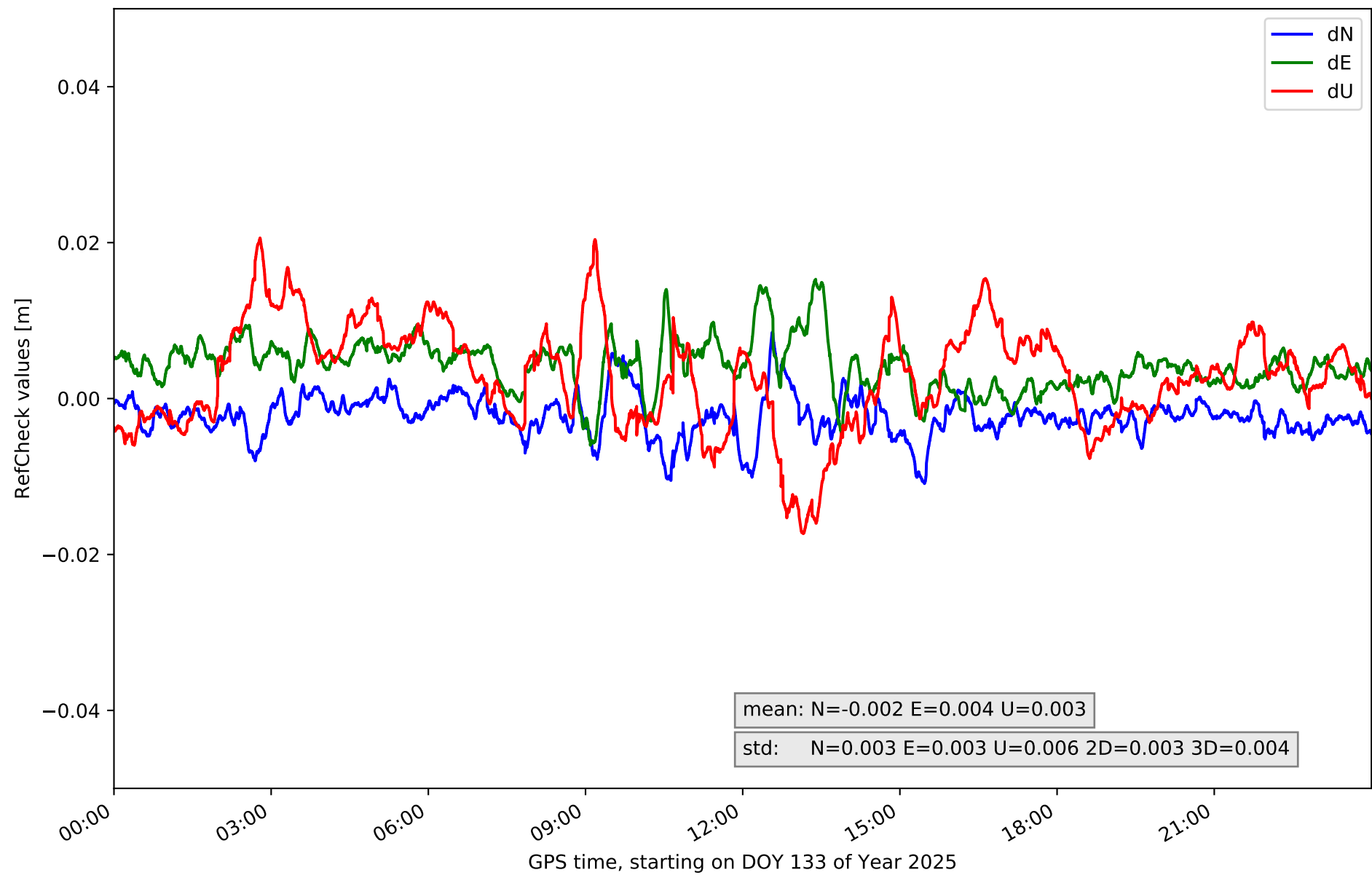
RefCheck for station ALDA in network NET8



RefCheck for station ALSA in network NET8

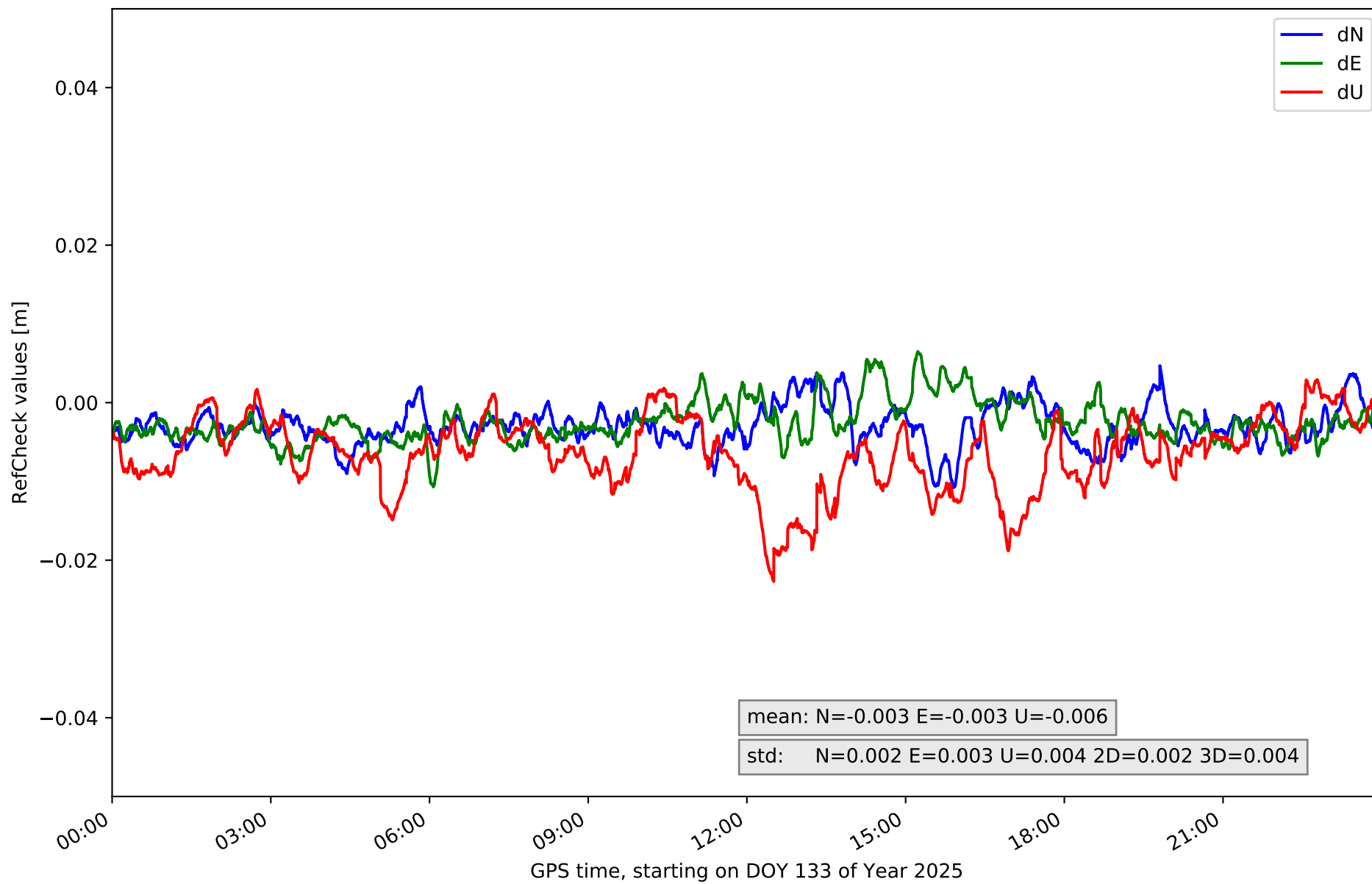


RefCheck for station AMUR in network NET8

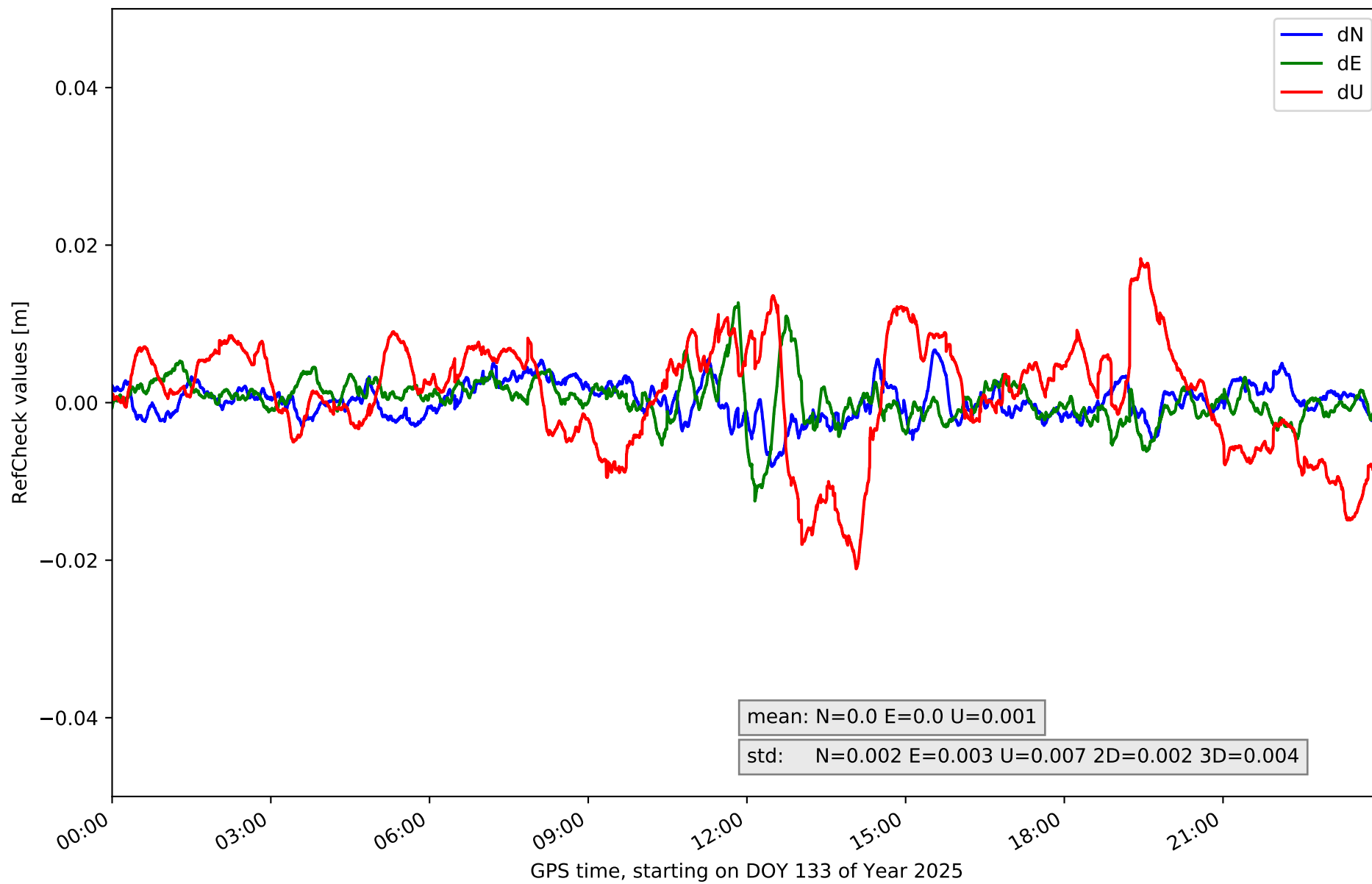




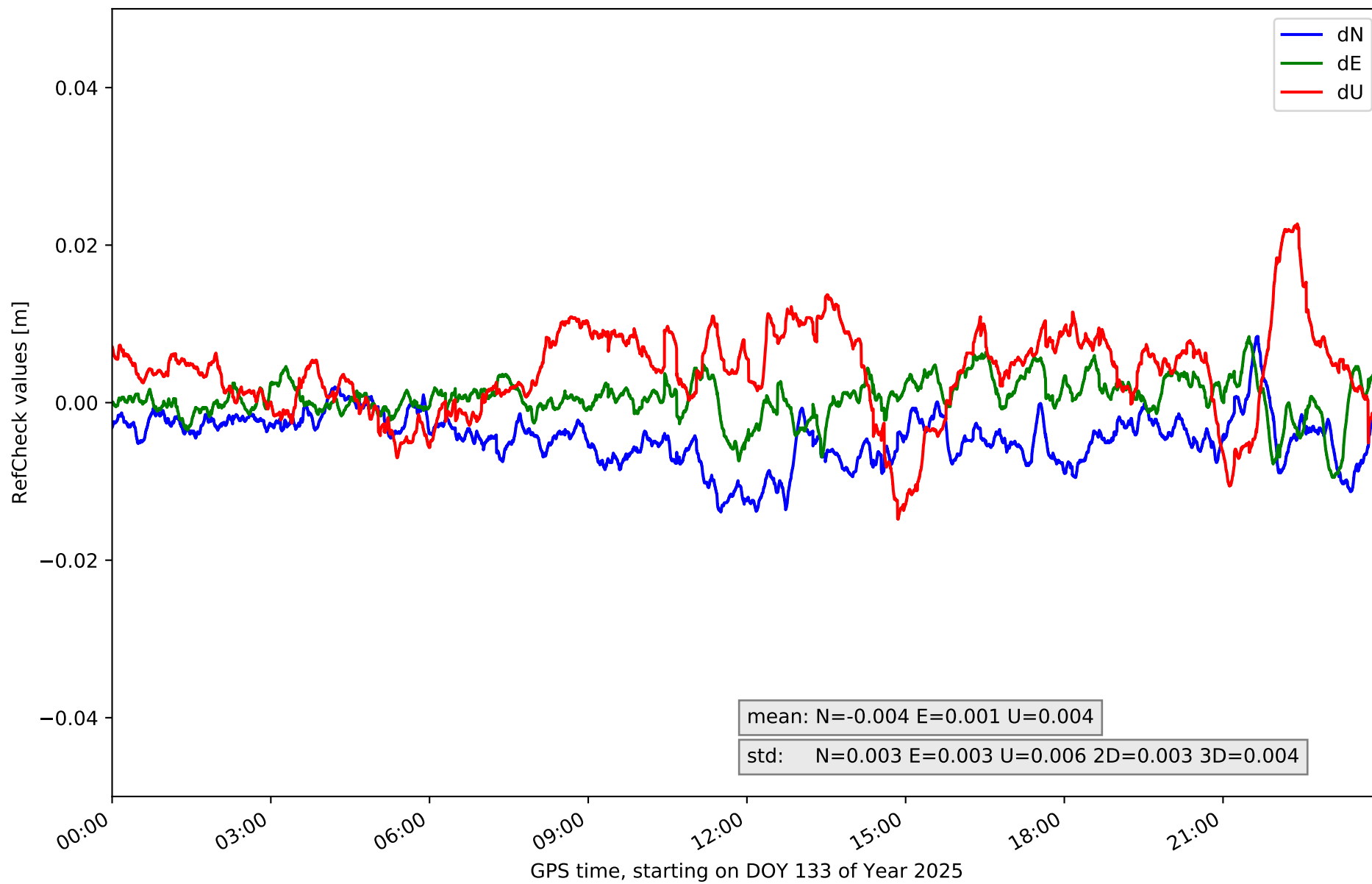
RefCheck for station ELCI in network NET8



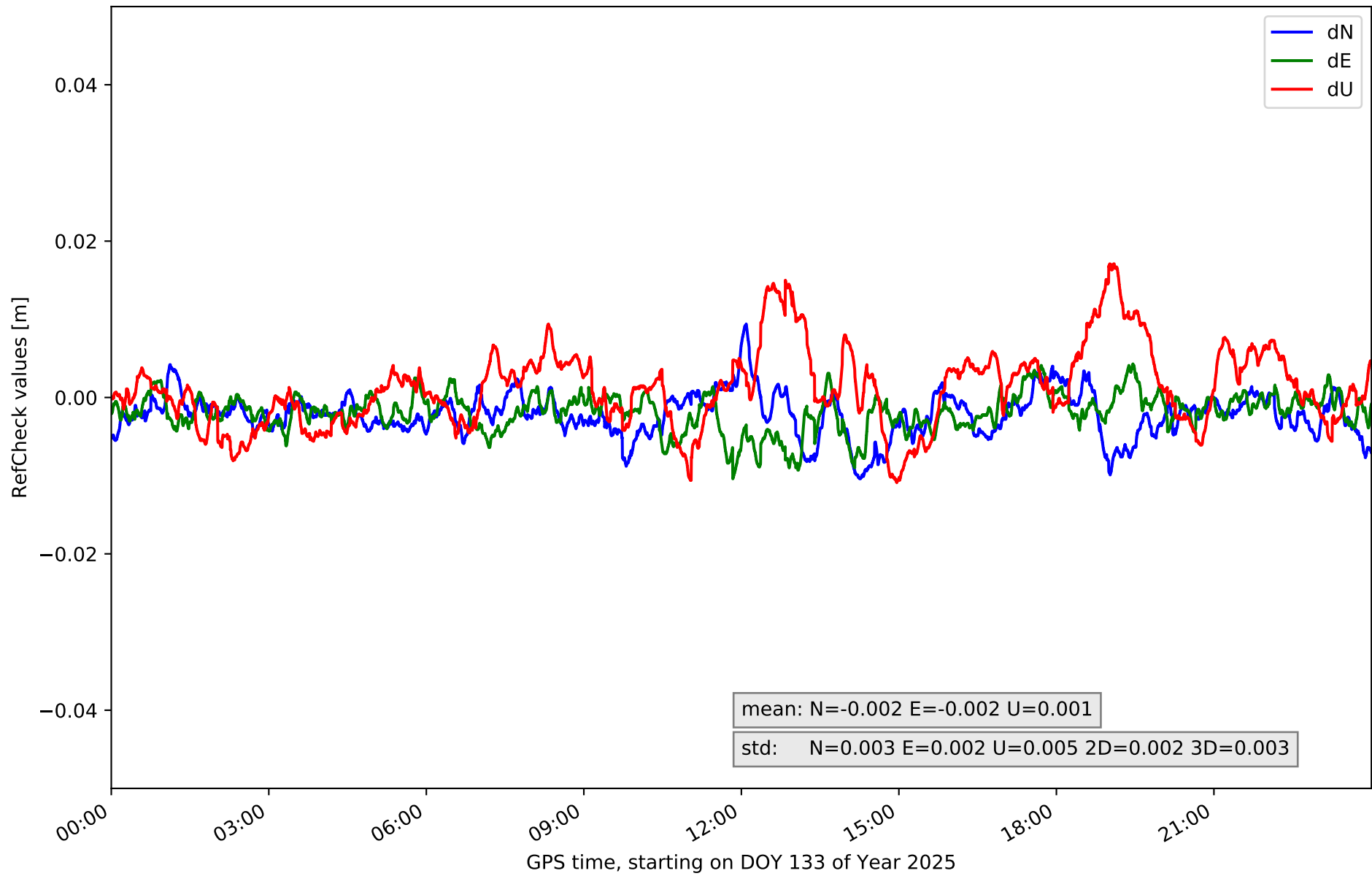
RefCheck for station ELGE in network NET8



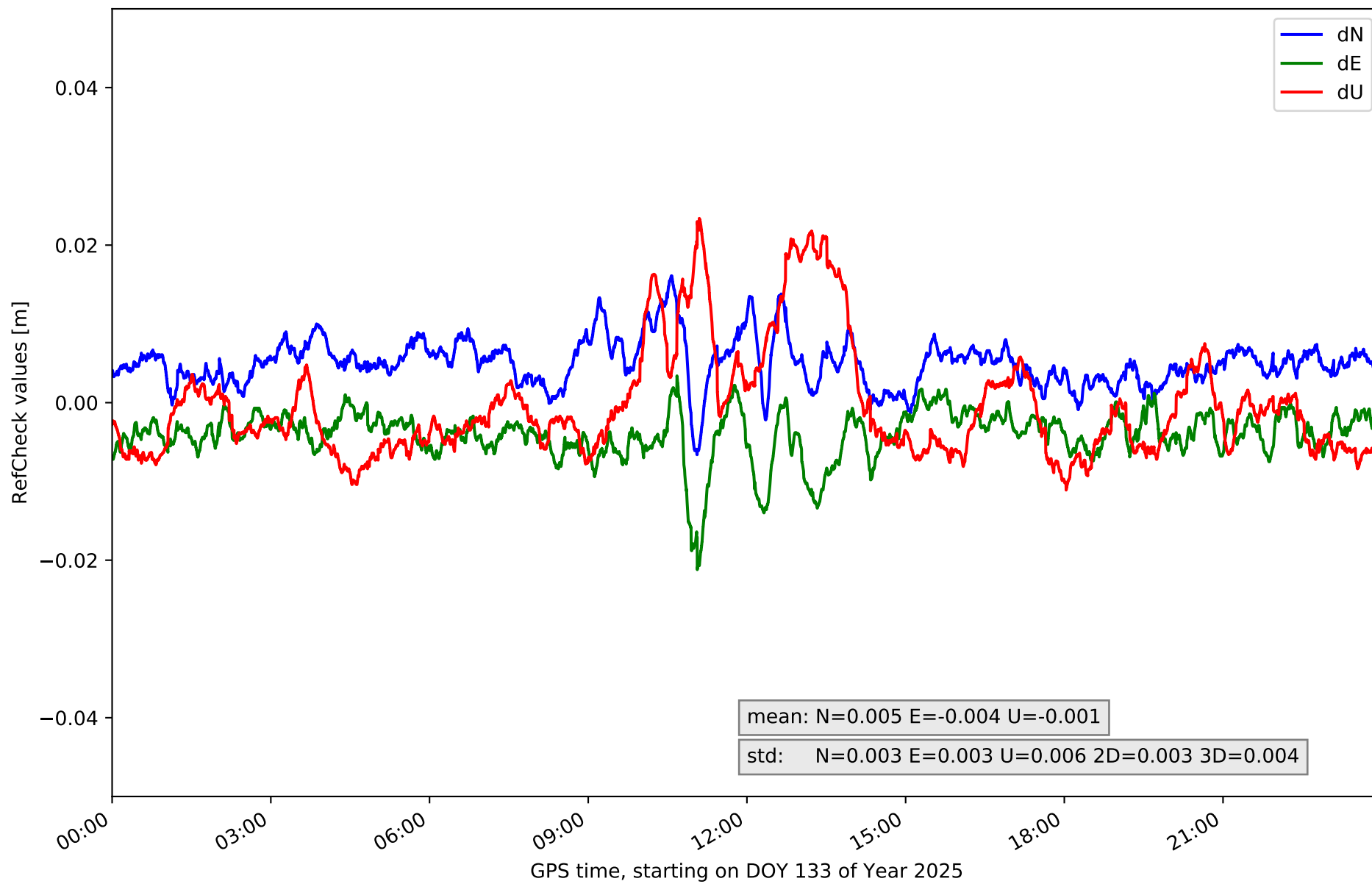
# RefCheck for station ESTE in network NET8



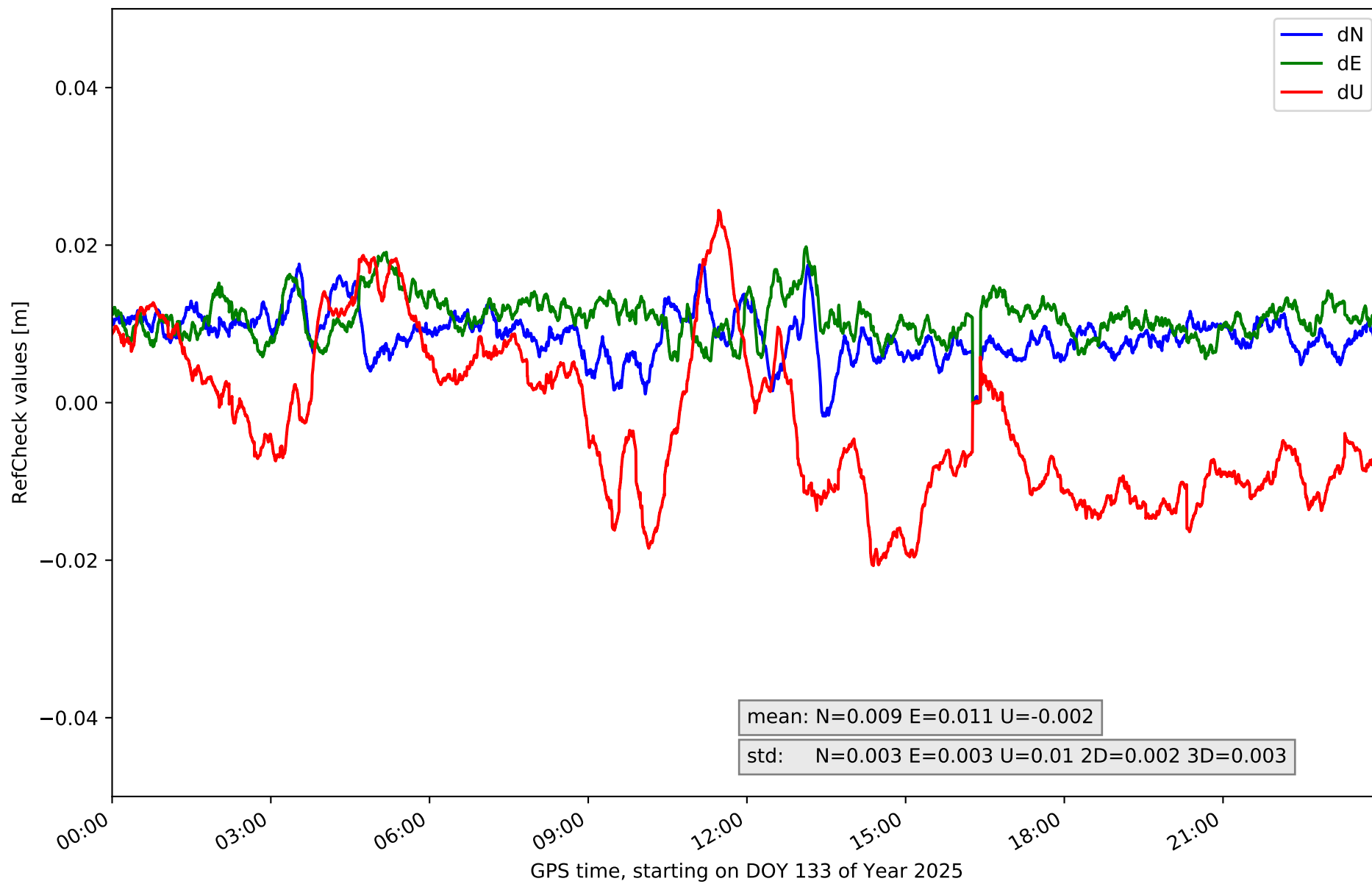
RefCheck for station HOND in network NET8



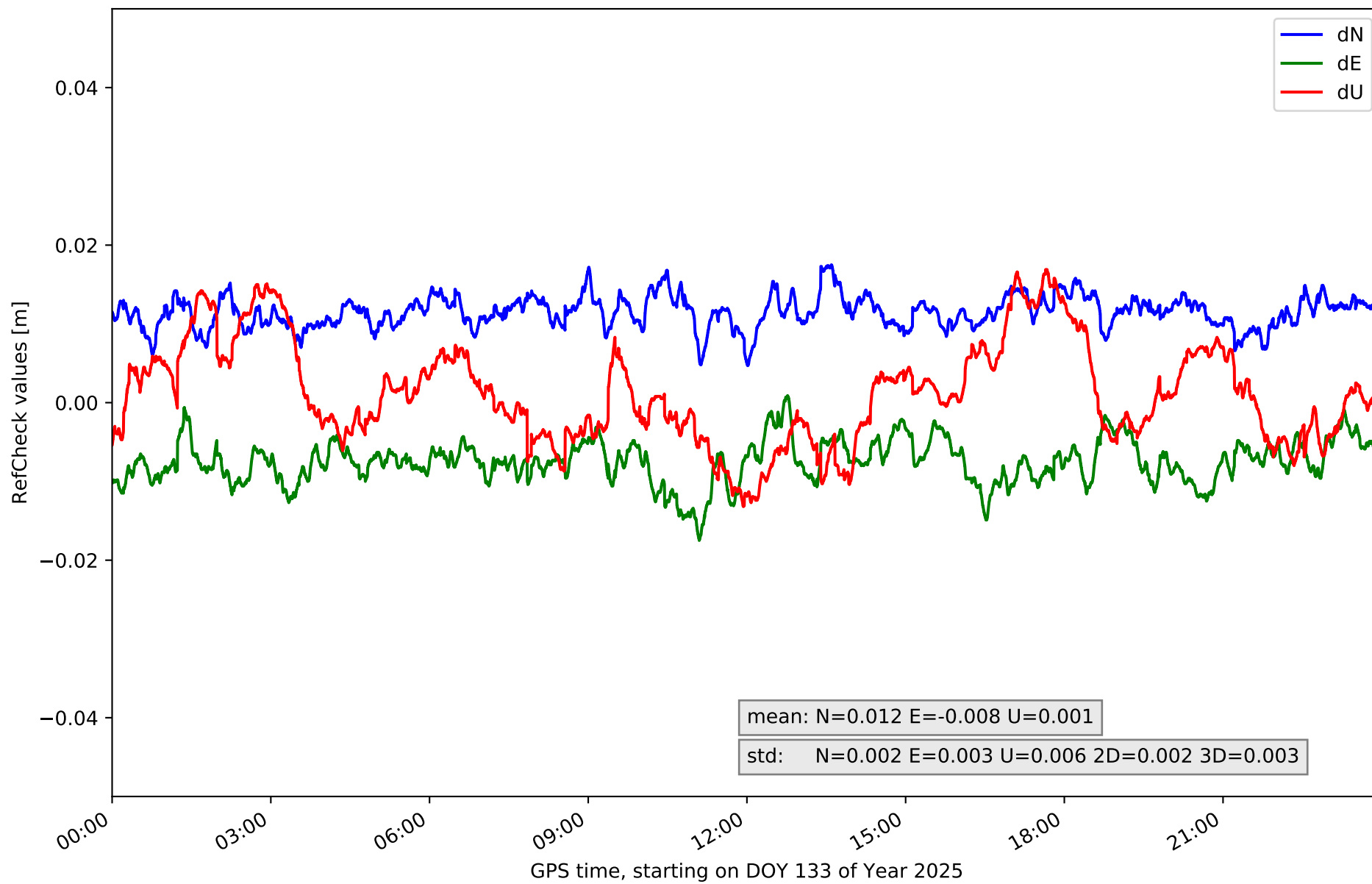
RefCheck for station ISPS in network NET8



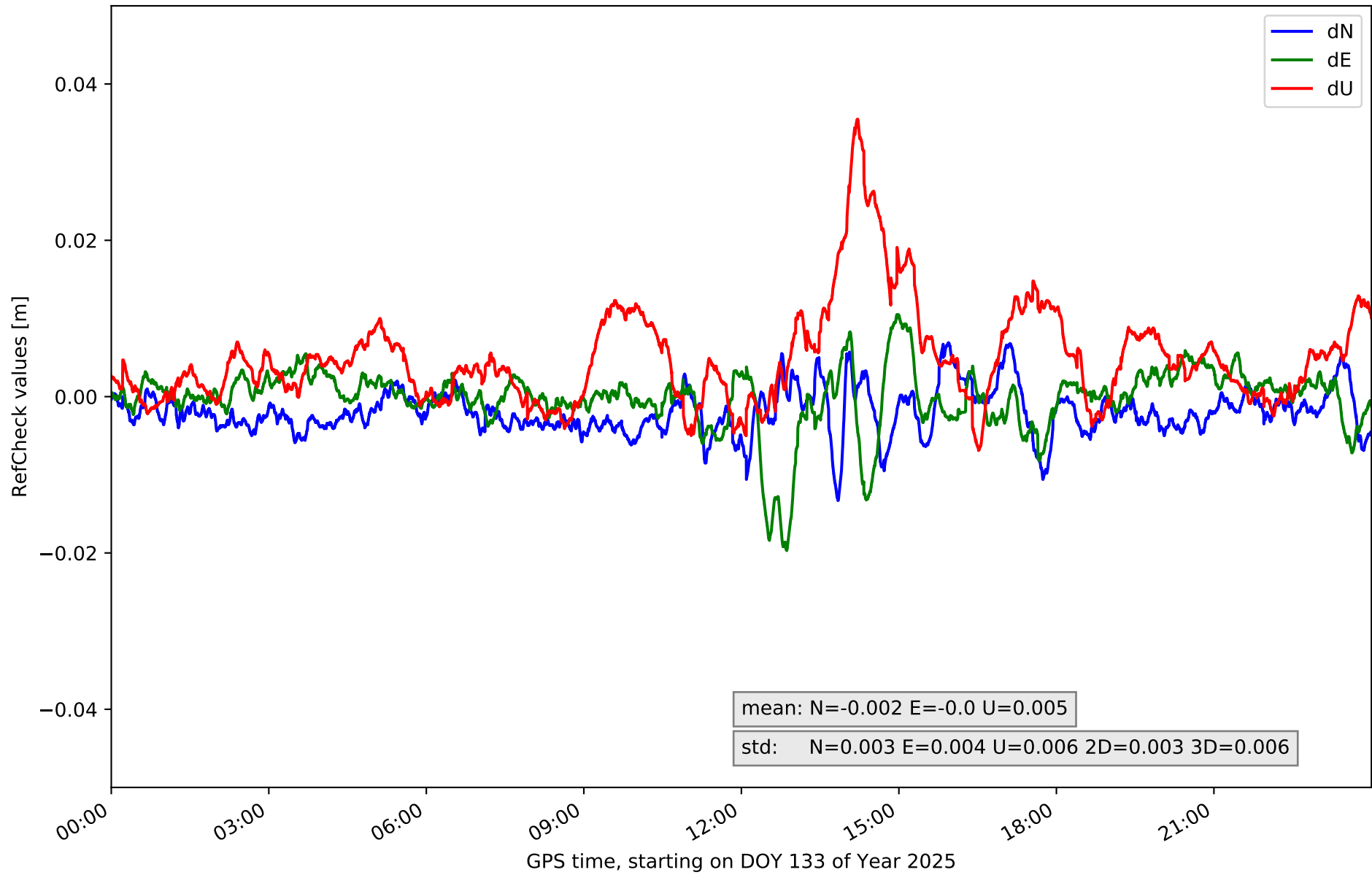
RefCheck for station KAST in network NET8



RefCheck for station LANT in network NET8

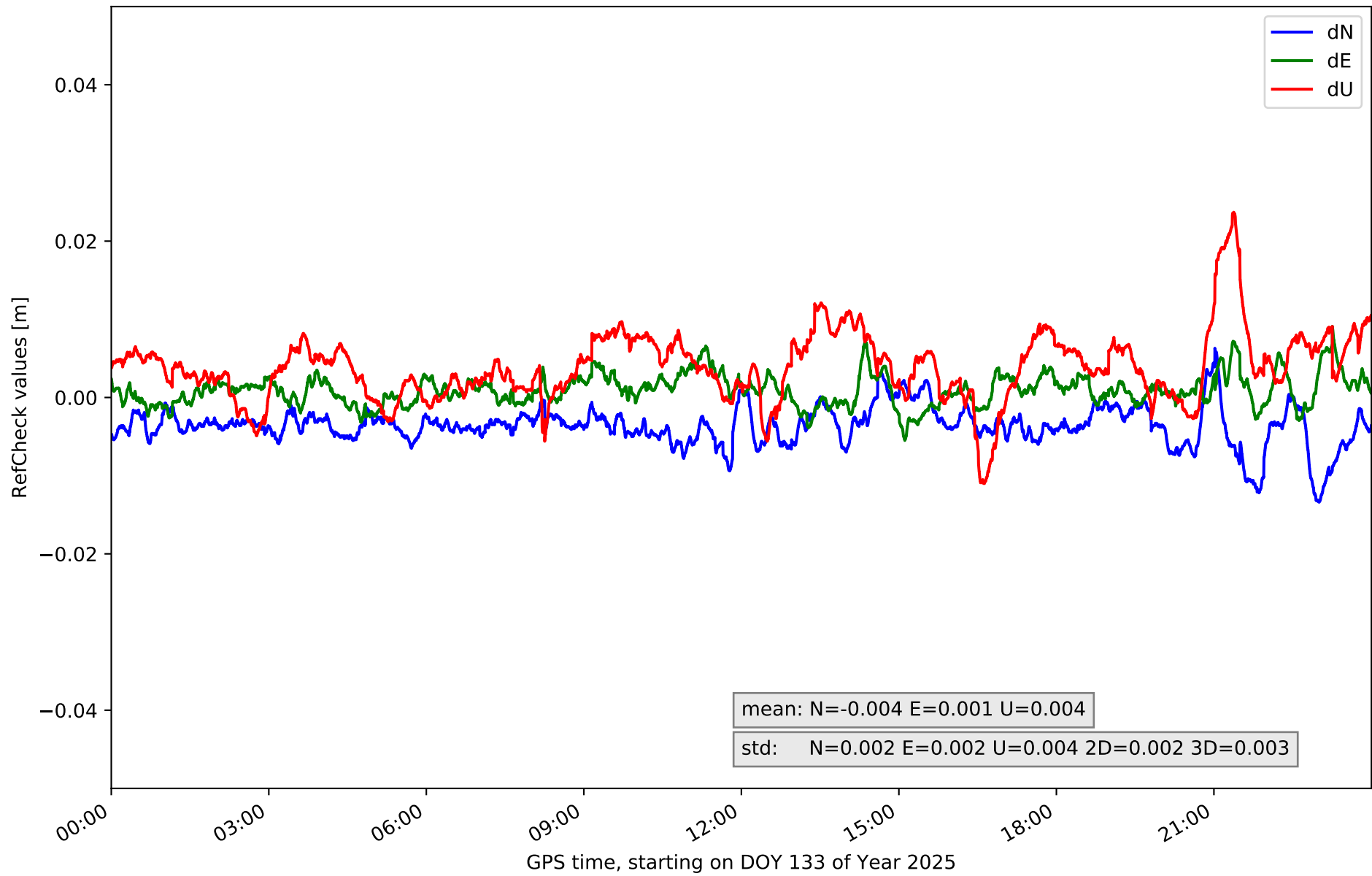


RefCheck for station LEIT in network NET8

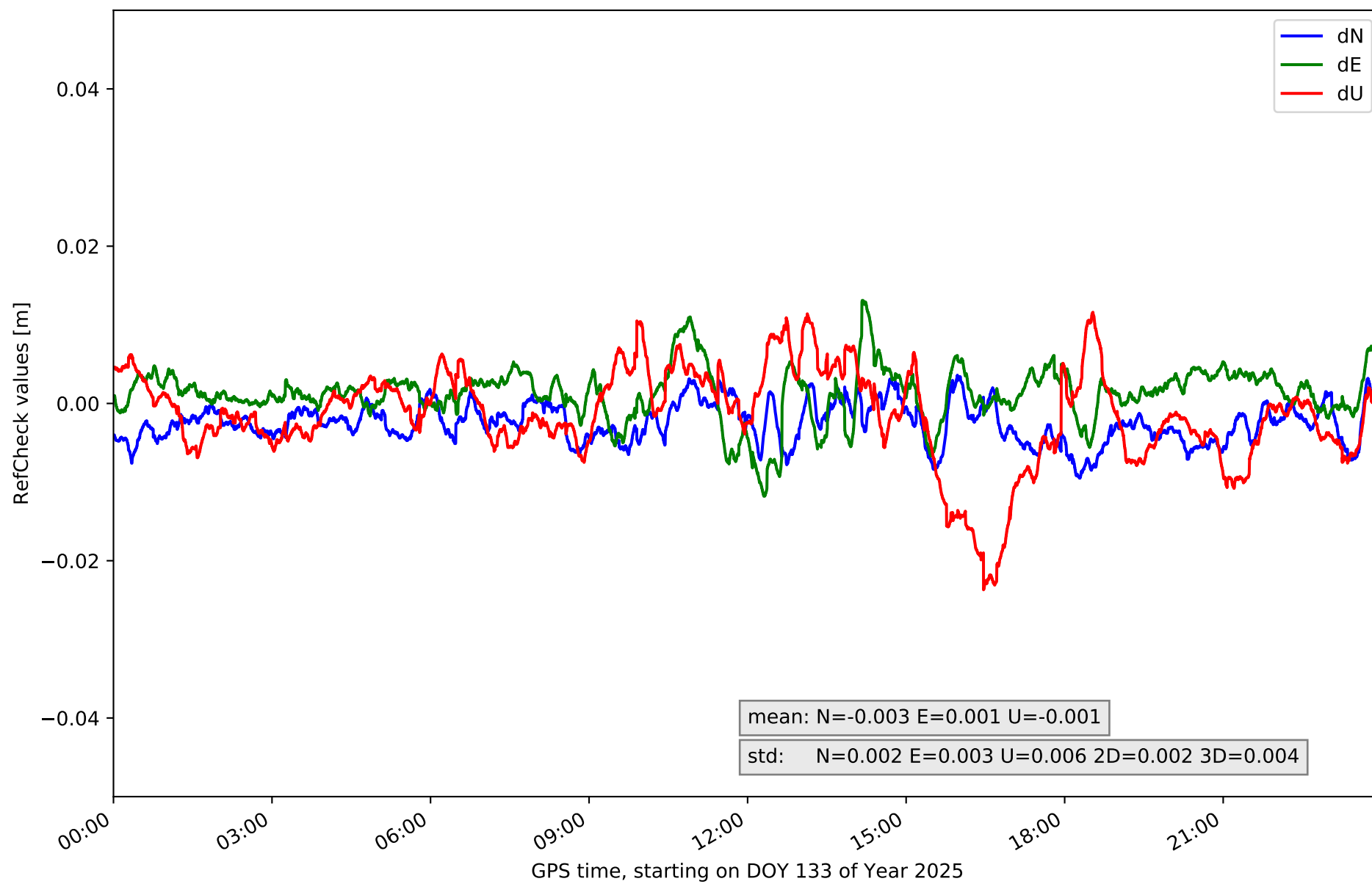




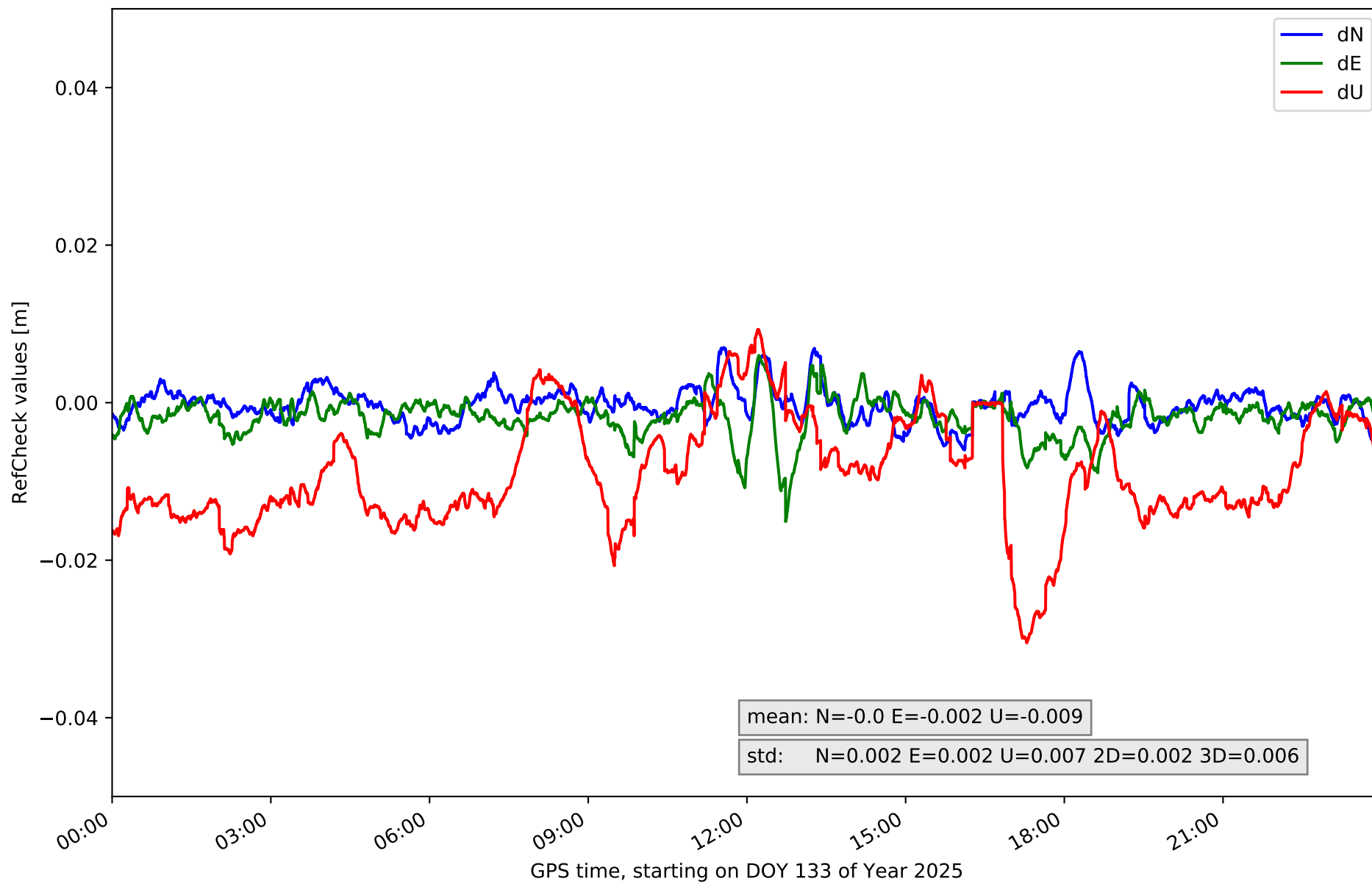
RefCheck for station LOSA in network NET8



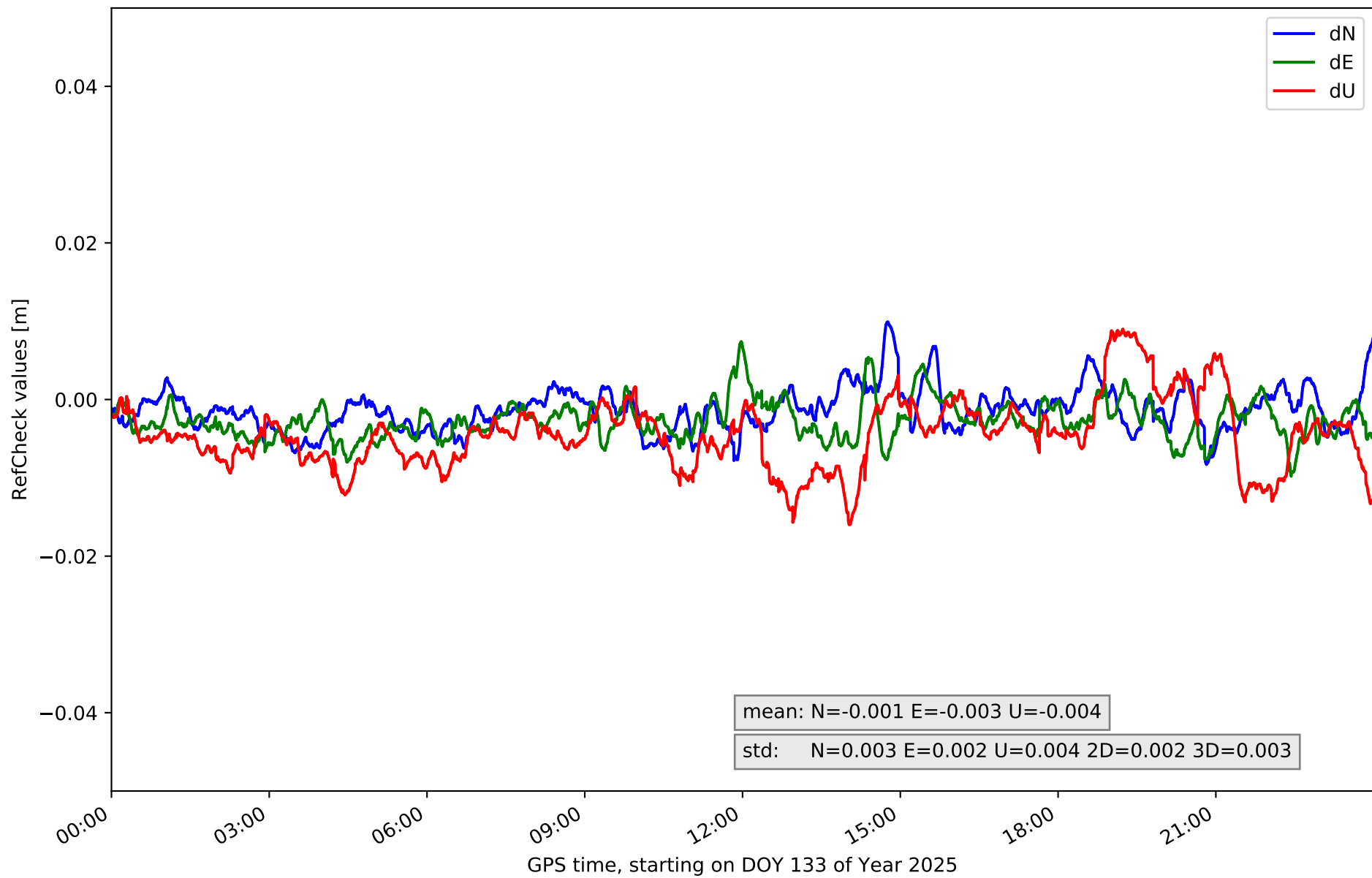
RefCheck for station ORON in network NET8



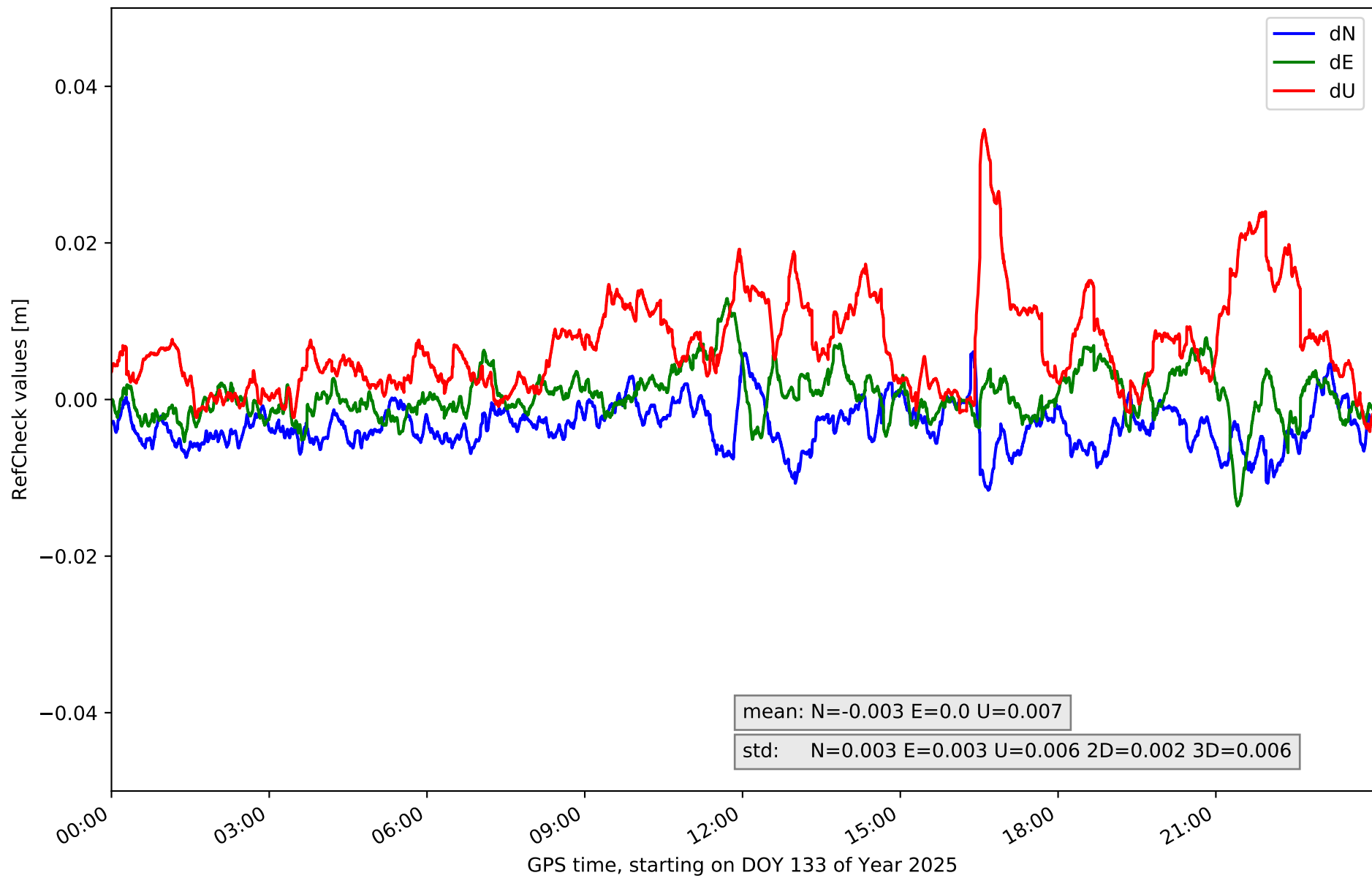
RefCheck for station PASA in network NET8



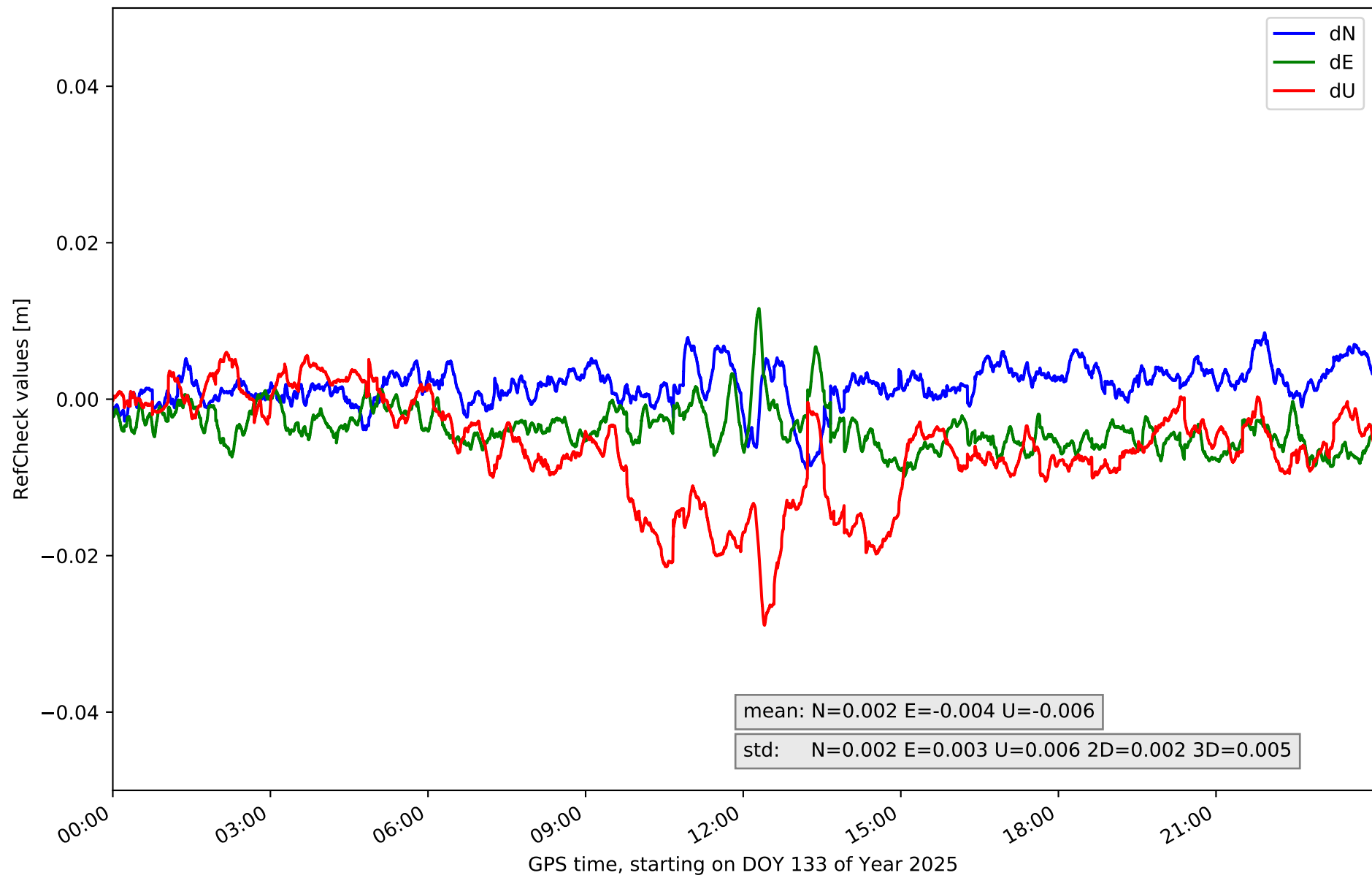
RefCheck for station RIO1 in network NET8



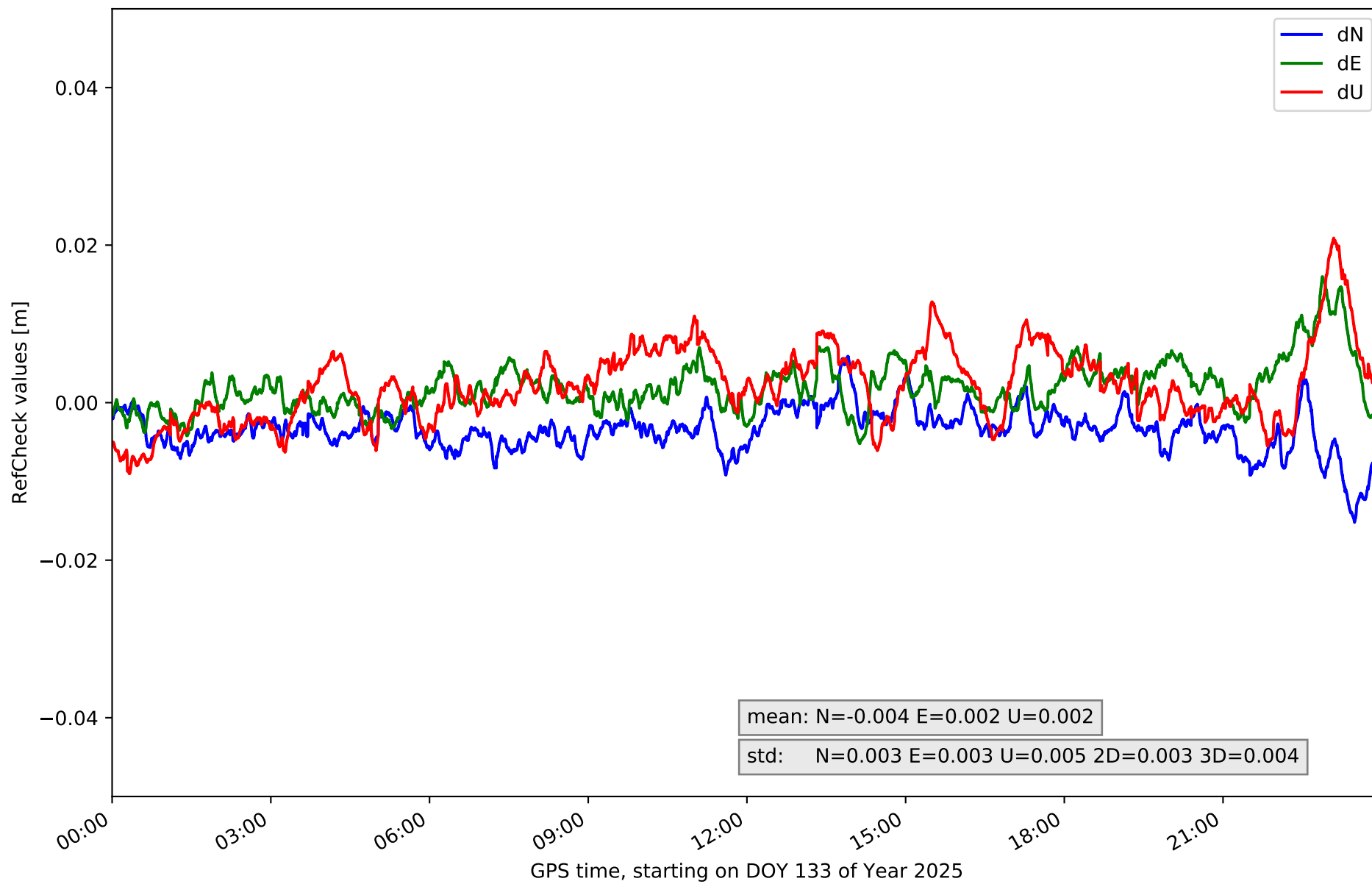
RefCheck for station SANR in network NET8



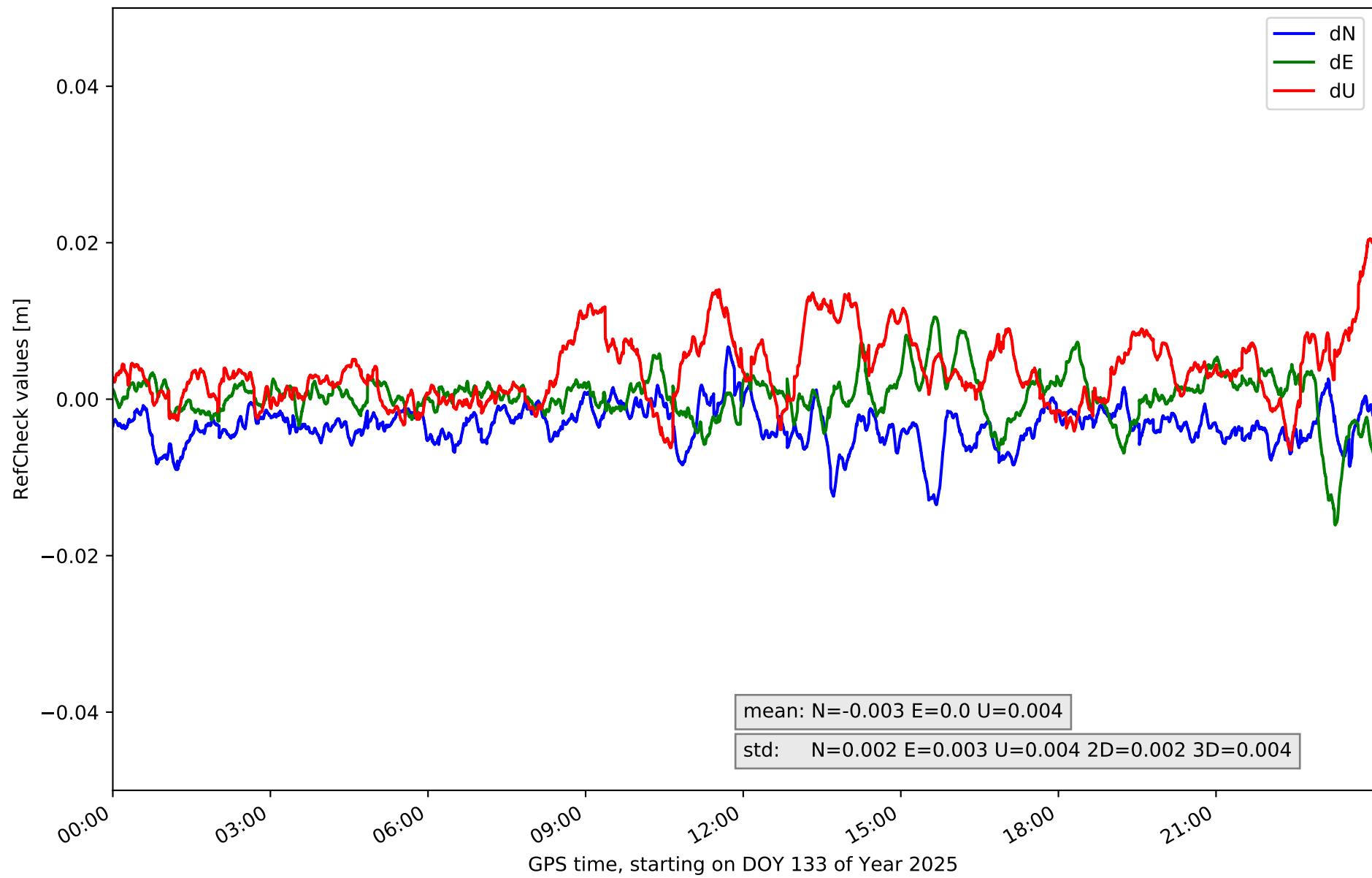
RefCheck for station SOPU in network NET8



RefCheck for station TAFE in network NET8

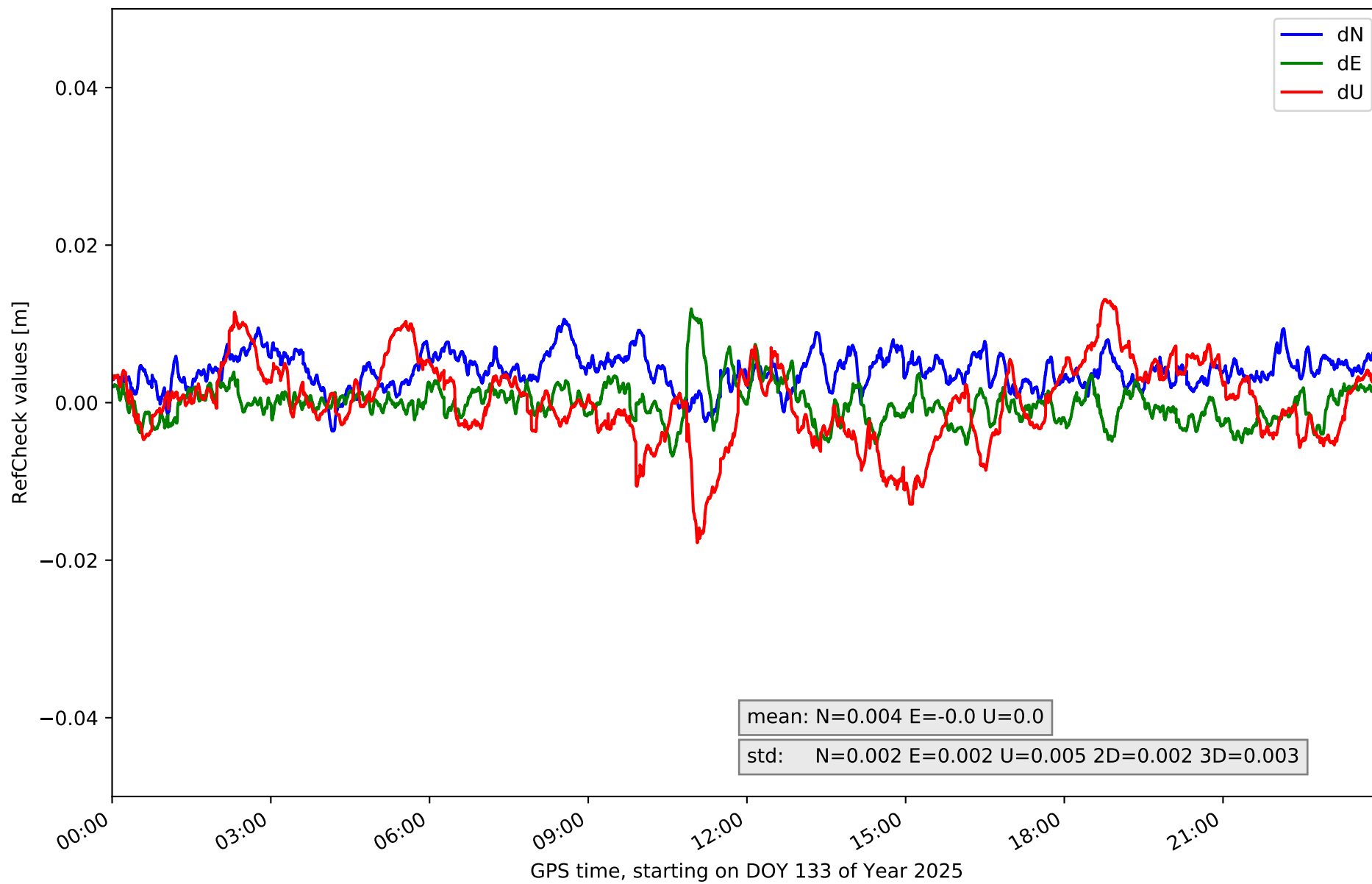


RefCheck for station UPNA in network NET8





RefCheck for station VITO in network NET8



# RefCheck values for network NET8

| Station | Nmin   | Nmax  | Nstd  | Emin   | Emax  | Estd  | Umin   | Umax  | Ustd  | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|------------|-------------|------------|-------------|
| ALDA    | -0.007 | 0.012 | 0.002 | -0.015 | 0.008 | 0.003 | -0.015 | 0.012 | 0.005 | 0.002 | 0.003 | 678        | 2.3         | 0          | 0.0         |
| ALSA    | -0.01  | 0.012 | 0.003 | -0.01  | 0.018 | 0.003 | -0.018 | 0.026 | 0.007 | 0.003 | 0.005 | 1356       | 4.6         | 1472       | 4.9         |
| AMUR    | -0.011 | 0.009 | 0.003 | -0.006 | 0.015 | 0.003 | -0.017 | 0.021 | 0.006 | 0.003 | 0.004 | 1414       | 4.7         | 432        | 1.4         |
| ELCI    | -0.011 | 0.005 | 0.002 | -0.011 | 0.006 | 0.003 | -0.023 | 0.003 | 0.004 | 0.002 | 0.004 | 393        | 1.3         | 121        | 0.4         |
| ELGE    | -0.008 | 0.007 | 0.002 | -0.013 | 0.013 | 0.003 | -0.021 | 0.018 | 0.007 | 0.002 | 0.004 | 623        | 2.1         | 64         | 0.2         |
| ESTE    | -0.014 | 0.008 | 0.003 | -0.009 | 0.008 | 0.003 | -0.015 | 0.023 | 0.006 | 0.003 | 0.004 | 2236       | 7.5         | 664        | 2.2         |
| HOND    | -0.01  | 0.009 | 0.003 | -0.01  | 0.004 | 0.002 | -0.011 | 0.017 | 0.005 | 0.002 | 0.003 | 488        | 1.6         | 0          | 0.0         |
| ISPS    | -0.007 | 0.016 | 0.003 | -0.021 | 0.003 | 0.003 | -0.011 | 0.023 | 0.006 | 0.003 | 0.004 | 3925       | 13.2        | 1073       | 3.6         |
| KAST    | -0.002 | 0.018 | 0.003 | -0.0   | 0.02  | 0.003 | -0.021 | 0.024 | 0.01  | 0.002 | 0.003 | 28980      | 97.2        | 4882       | 16.4        |
| LANT    | 0.005  | 0.018 | 0.002 | -0.018 | 0.001 | 0.003 | -0.013 | 0.017 | 0.006 | 0.002 | 0.003 | 28831      | 96.7        | 1599       | 5.4         |
| LEIT    | -0.013 | 0.007 | 0.003 | -0.02  | 0.011 | 0.004 | -0.007 | 0.035 | 0.006 | 0.003 | 0.006 | 1447       | 4.9         | 1237       | 4.2         |
| LOSA    | -0.013 | 0.006 | 0.002 | -0.005 | 0.009 | 0.002 | -0.011 | 0.024 | 0.004 | 0.002 | 0.003 | 1162       | 3.9         | 266        | 0.9         |
| ORON    | -0.009 | 0.004 | 0.002 | -0.012 | 0.013 | 0.003 | -0.024 | 0.012 | 0.006 | 0.002 | 0.004 | 639        | 2.1         | 309        | 1.0         |
| PASA    | -0.006 | 0.007 | 0.002 | -0.015 | 0.006 | 0.002 | -0.03  | 0.009 | 0.007 | 0.002 | 0.006 | 229        | 0.8         | 1274       | 4.3         |
| RIO1    | -0.008 | 0.01  | 0.003 | -0.01  | 0.007 | 0.002 | -0.016 | 0.009 | 0.004 | 0.002 | 0.003 | 274        | 0.9         | 0          | 0.0         |
| SANR    | -0.012 | 0.006 | 0.003 | -0.014 | 0.013 | 0.003 | -0.004 | 0.035 | 0.006 | 0.002 | 0.006 | 981        | 3.3         | 1459       | 4.9         |
| SOPU    | -0.009 | 0.009 | 0.002 | -0.01  | 0.012 | 0.003 | -0.029 | 0.006 | 0.006 | 0.002 | 0.005 | 223        | 0.7         | 1151       | 3.9         |
| TAFA    | -0.015 | 0.006 | 0.003 | -0.005 | 0.016 | 0.003 | -0.009 | 0.021 | 0.005 | 0.003 | 0.004 | 1594       | 5.3         | 735        | 2.5         |
| UPNA    | -0.013 | 0.007 | 0.002 | -0.016 | 0.011 | 0.003 | -0.006 | 0.021 | 0.004 | 0.002 | 0.004 | 877        | 2.9         | 189        | 0.6         |
| VITO    | -0.004 | 0.011 | 0.002 | -0.007 | 0.012 | 0.002 | -0.018 | 0.013 | 0.005 | 0.002 | 0.003 | 475        | 1.6         | 46         | 0.2         |
| Mean    | -0.009 | 0.009 | 0.003 | -0.011 | 0.01  | 0.003 | -0.016 | 0.018 | 0.006 | 0.002 | 0.004 | 3841.2     | 12.9        | 848.6      | 2.8         |
| Min/Max | -0.015 | 0.018 | 0.003 | -0.021 | 0.02  | 0.004 | -0.03  | 0.035 | 0.01  | 0.003 | 0.006 | 28980      | 97.2        | 4882       | 16.4        |

## fixing statistic for network NET8

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 93.8     | 95.2 | 94.1 | 95.8 | 90.6 |
| considering satellites with dual-frequency fixed | 91.7     | 92.9 | 91.6 | 93.9 | 88.2 |
| considering all signals separately               | 91.7     | 92.7 | 91.6 | 94.0 | 87.4 |