

## summary for network NET6

timeperiod chosen: from 2025-08-30-00:00:00 until 2025-08-30-23:59:58

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

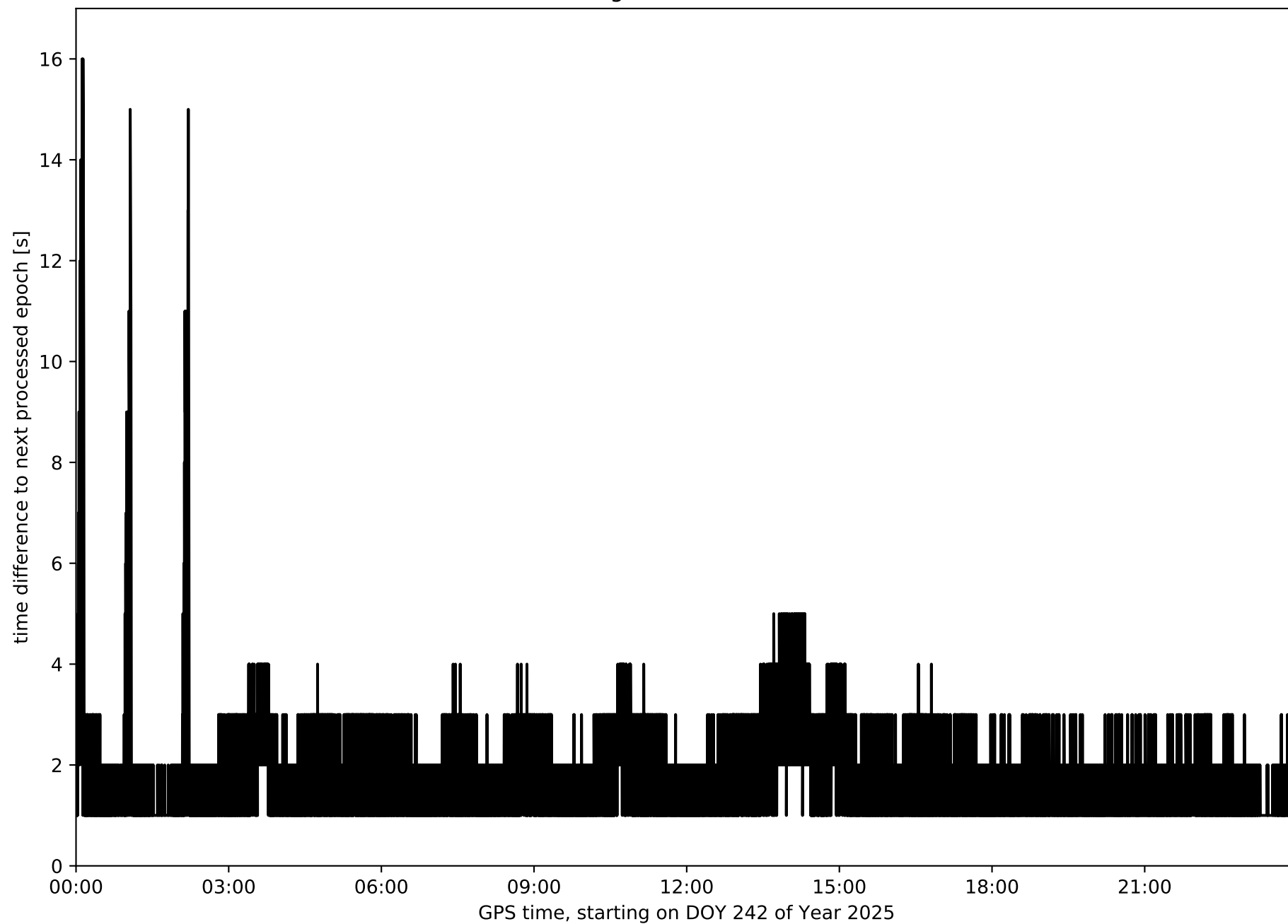
average fixing percentage with threshold set to 0.3: 90.3 percent

stations available: 17 of 18

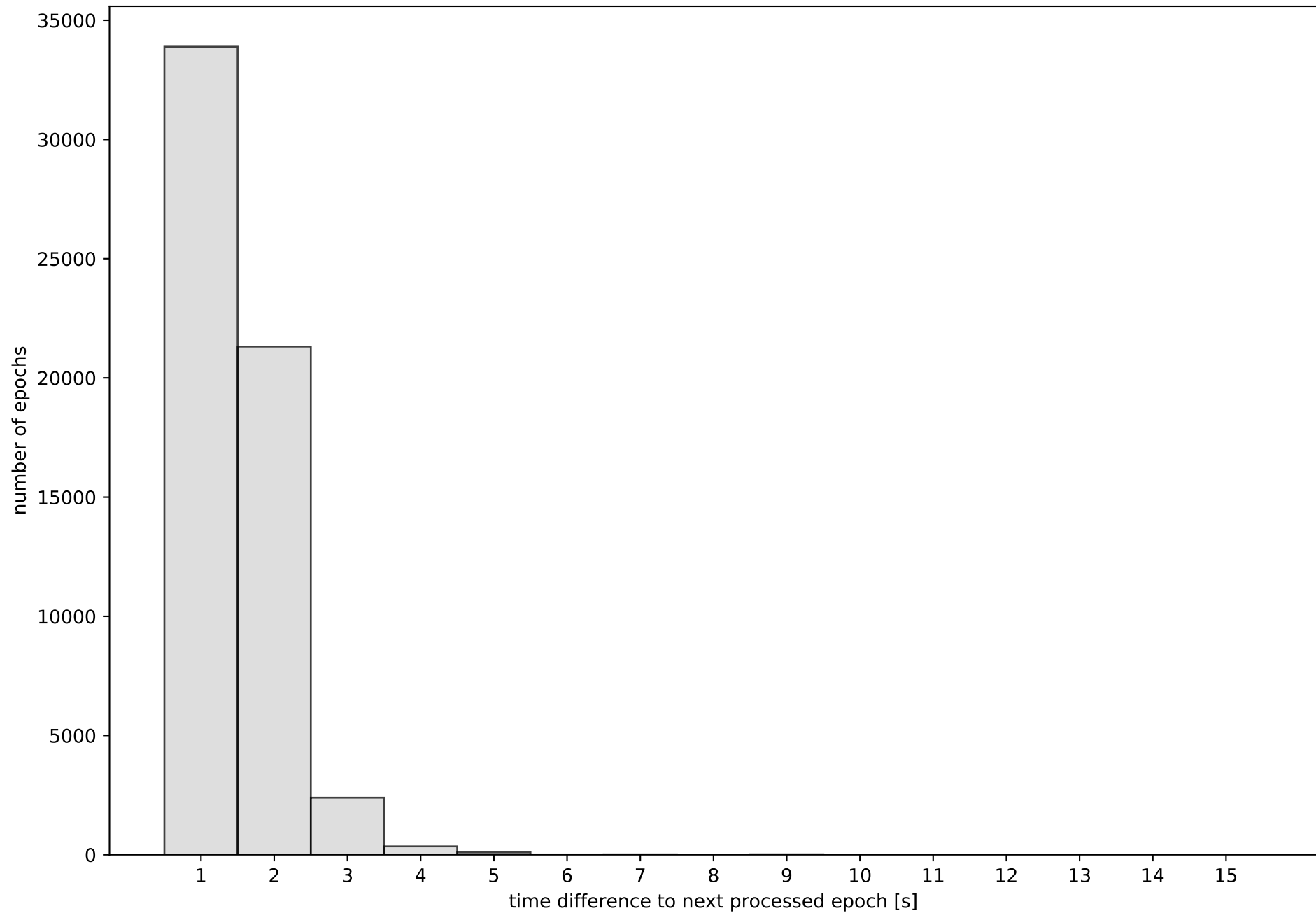
station information:

|               |                         |      |                              |                  |
|---------------|-------------------------|------|------------------------------|------------------|
| station ASTO: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50         | height: 940.596  |
| station CNAR: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50         | height: 479.4    |
| station FRRL: | antenna: LEIAR20        | LEIM | receiver: LEICA GR25         | height: 111.696  |
| station GRSL: | antenna: LEIAX1203+GNSS | NONE | receiver: LEICA GRX1200+GNSS | height: 691.257  |
| station GUDI: | antenna: TRM57971.00    | TZGD | receiver: TRIMBLE NETR9      | height: 1074.696 |
| station LNGS: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50         | height: 62.438   |
| station LUAR: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50         | height: 131.92   |
| station LUGO: | antenna: LEIAR25.R3     | LEIT | receiver: LEICA GR10         | height: 476.66   |
| station ORTG: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50         | height: 66.493   |
| station PONF: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9      | height: 639.803  |
| station PSBR: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9      | height: 992.033  |
| station RODI: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9      | height: 1033.433 |
| station SALS: | antenna: TPSCR.G5       | TPSH | receiver: TPS NET-G5         | height: 294.418  |
| station SNTG: | antenna: LEIAR25.R4     | LEIT | receiver: LEICA GR50         | height: 312.797  |
| station VBLO: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50         | height: 1056.603 |
| station VEG1: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9      | height: 78.445   |
| station VIGO: | antenna: TRM59900.00    | SCIS | receiver: TRIMBLE NETR9      | height: 87.761   |

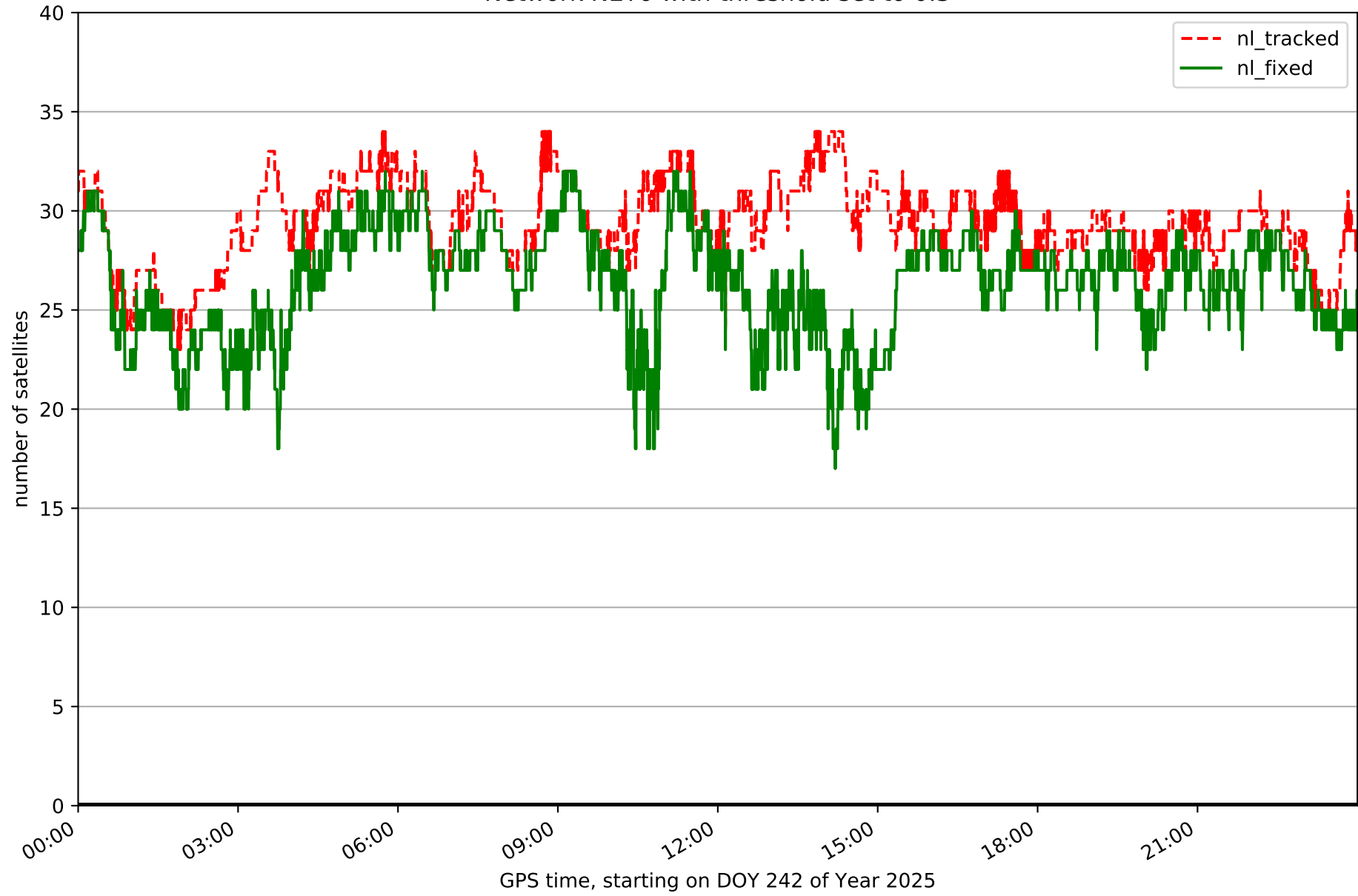
Processing rate in network NET6



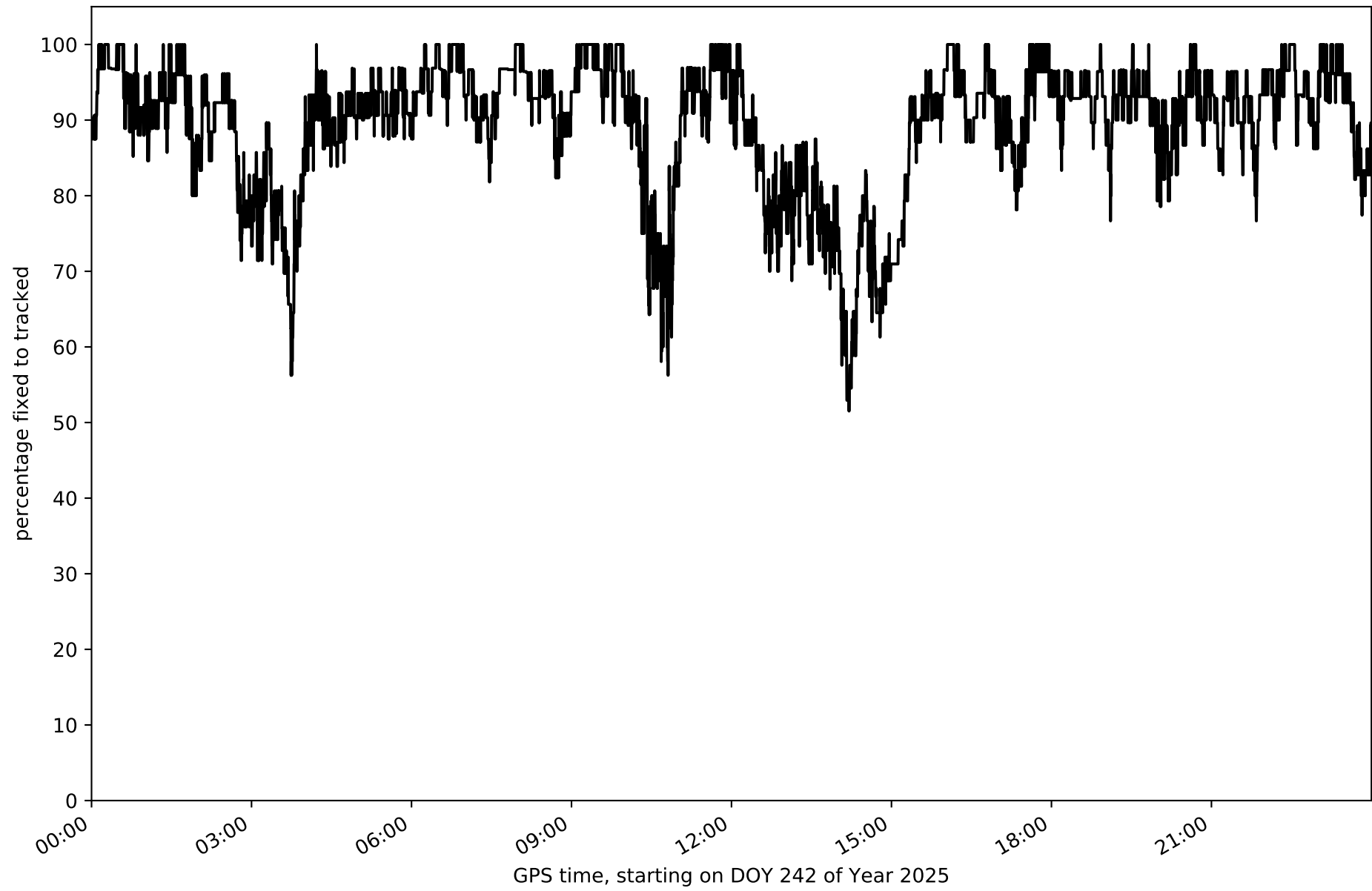
Histogram of the processing rate in network NET6 (durations larger 15 seconds neglected)



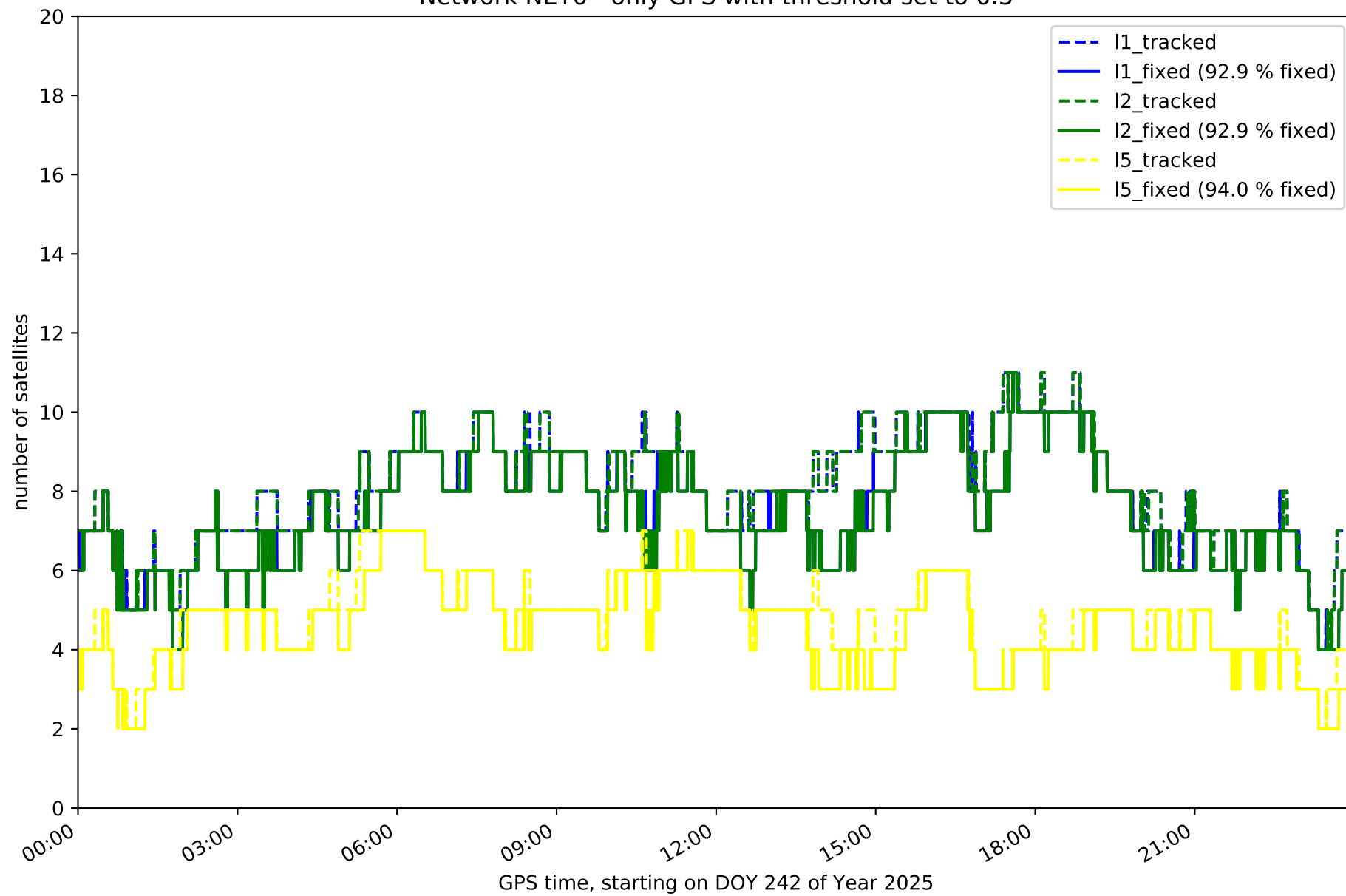
Network NET6 with threshold set to 0.3



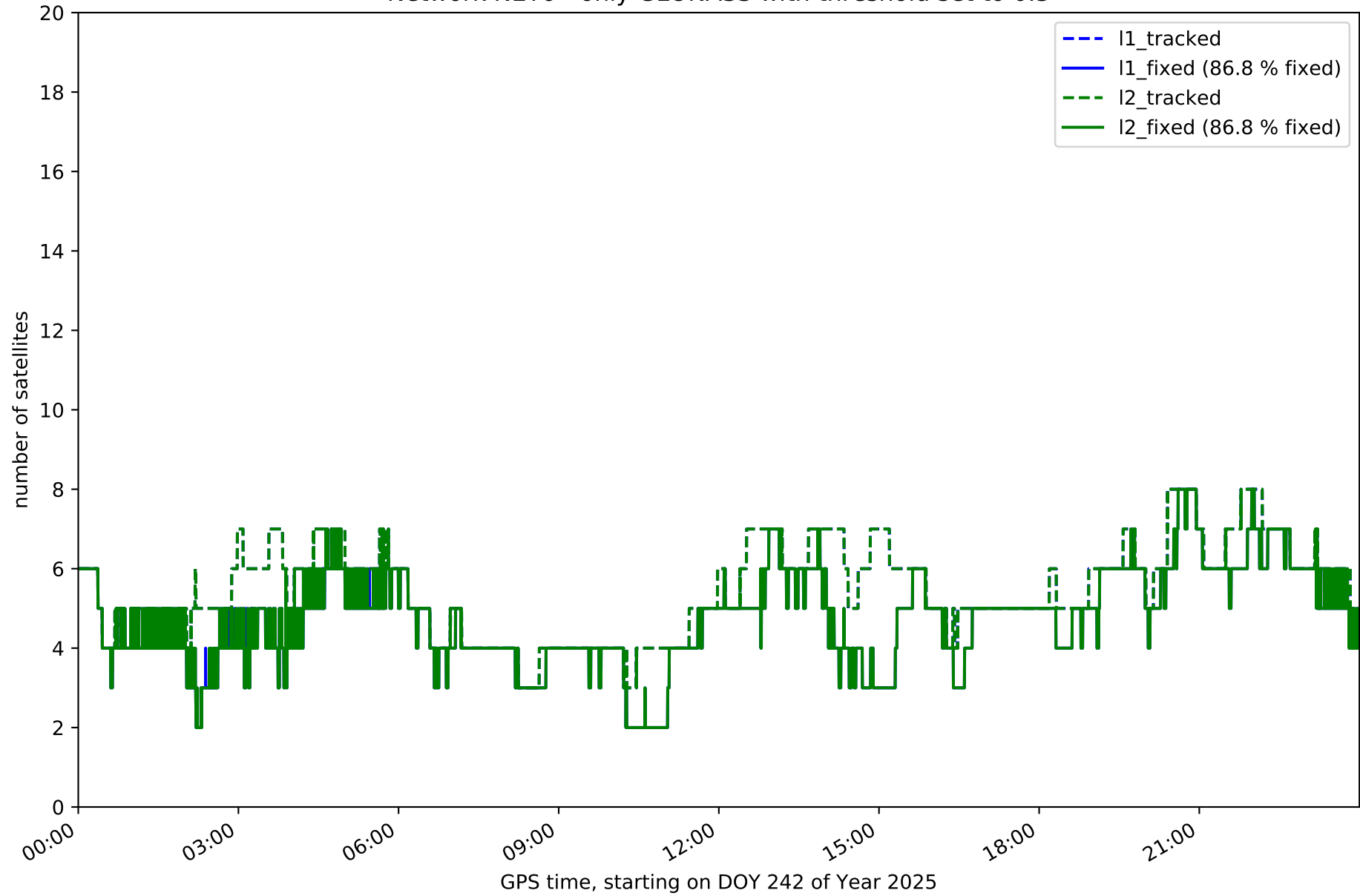
Fixing percentage of satellites in network NET6 with threshold set to 0.3



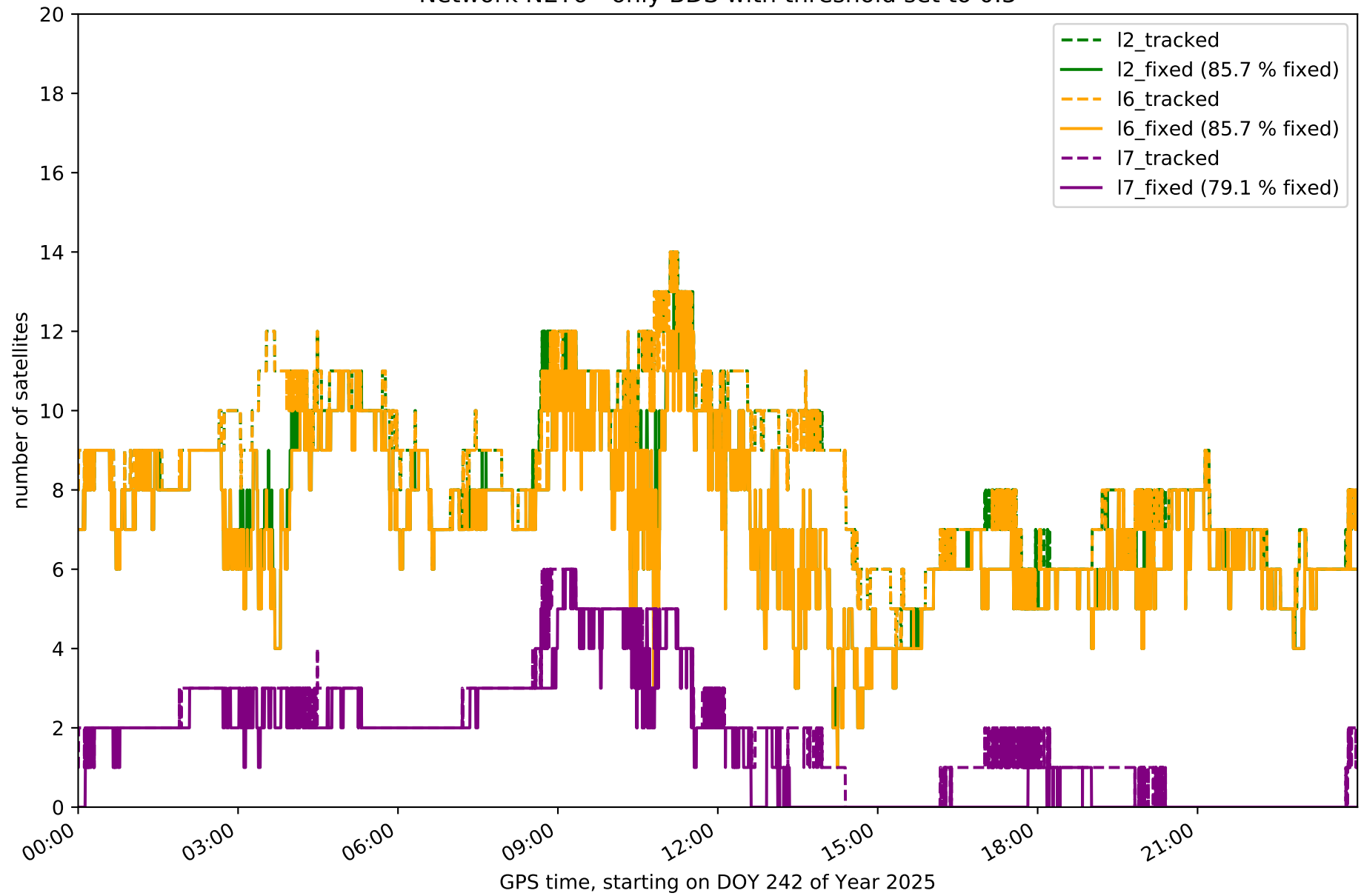
Network NET6 - only GPS with threshold set to 0.3



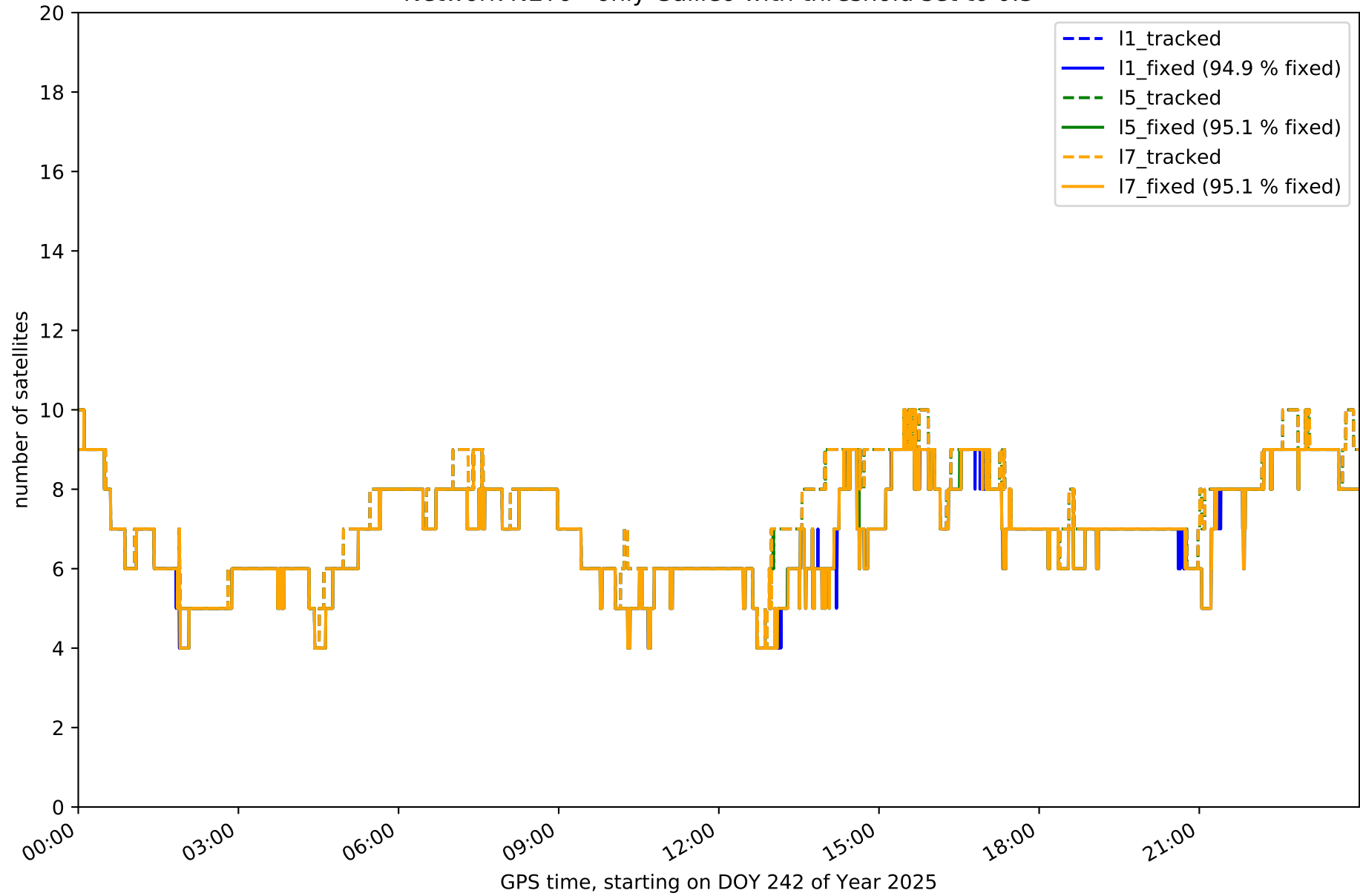
Network NET6 - only GLONASS with threshold set to 0.3



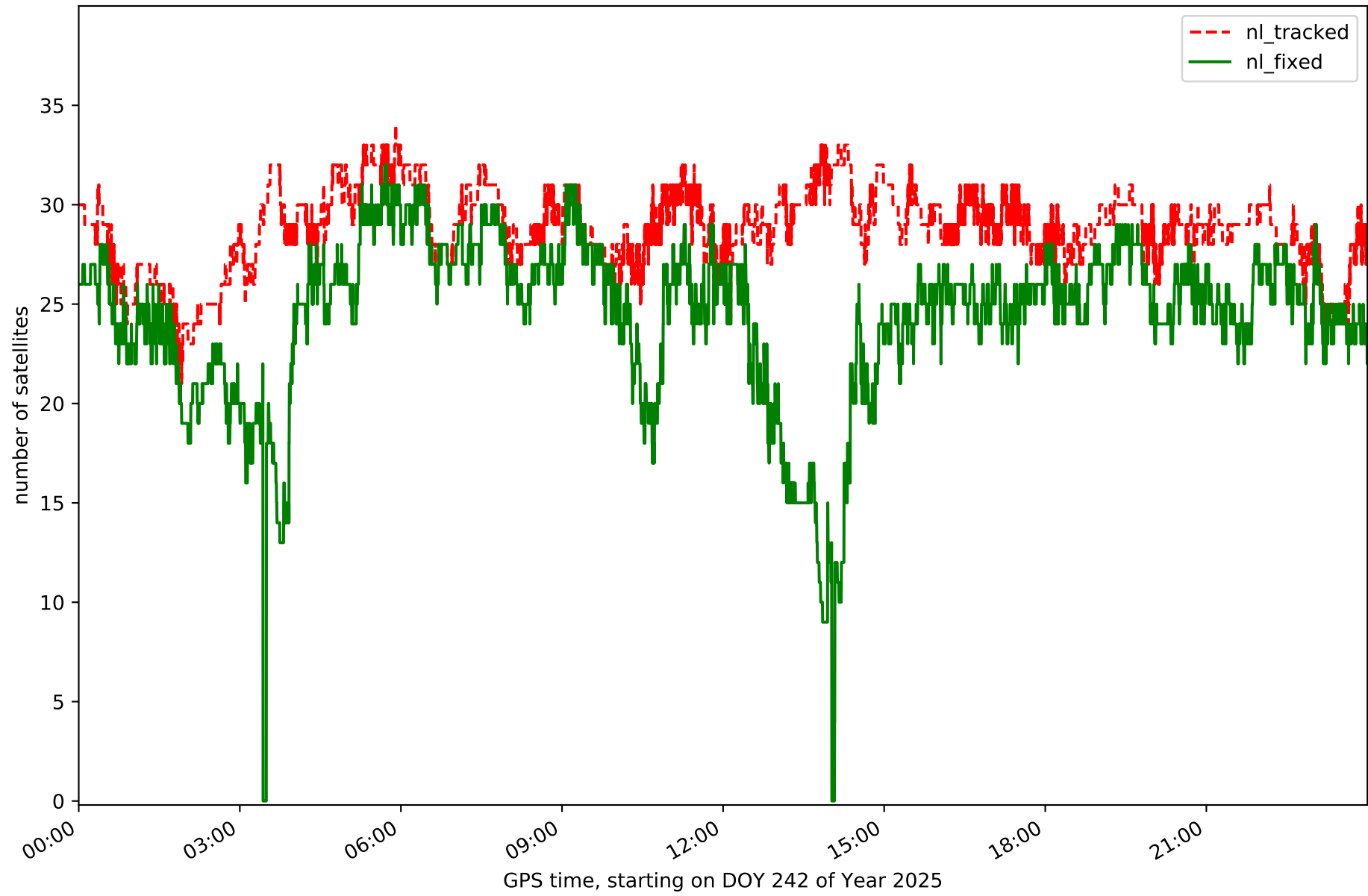
Network NET6 - only BDS with threshold set to 0.3



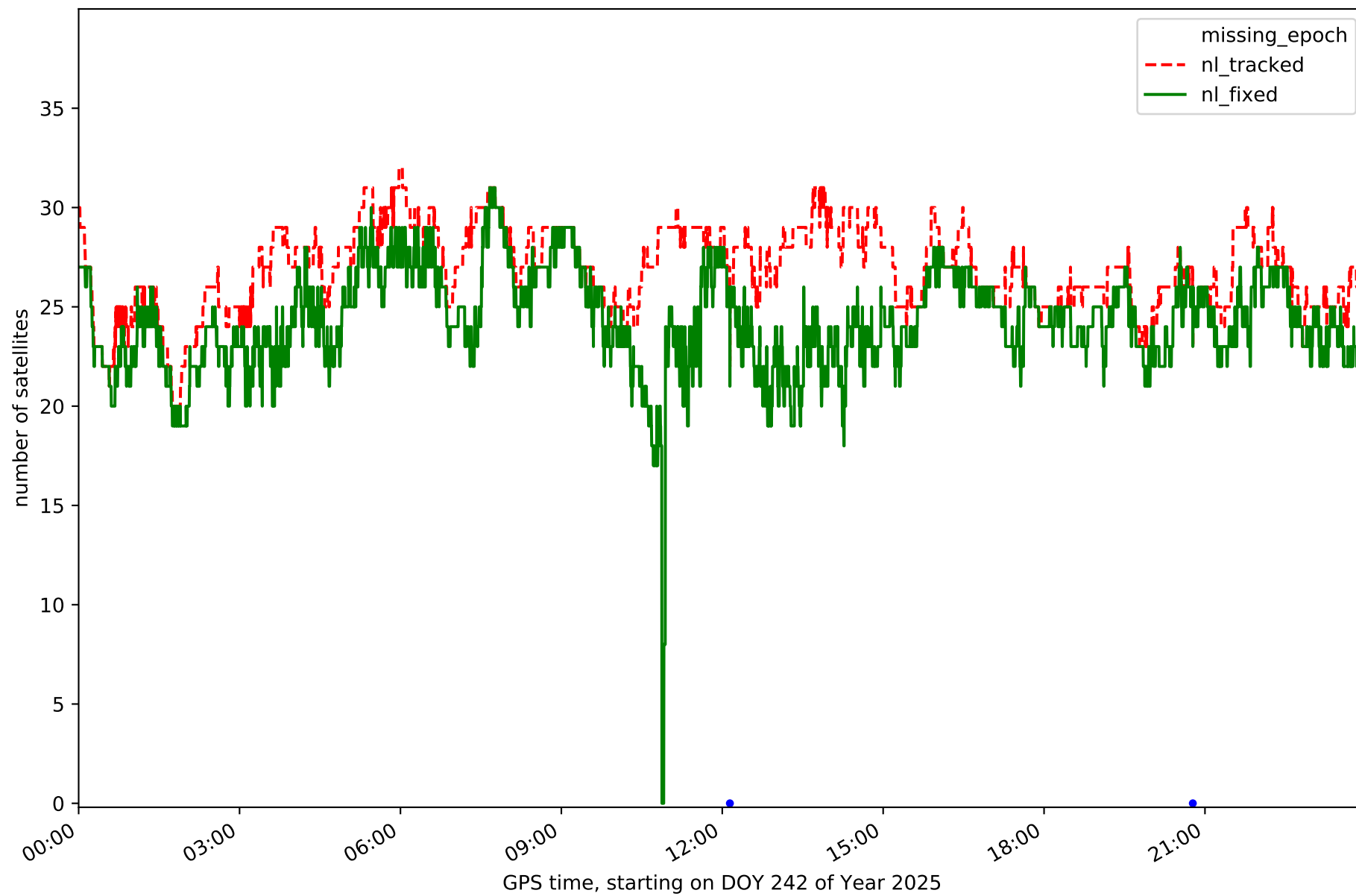
Network NET6 - only Galileo with threshold set to 0.3



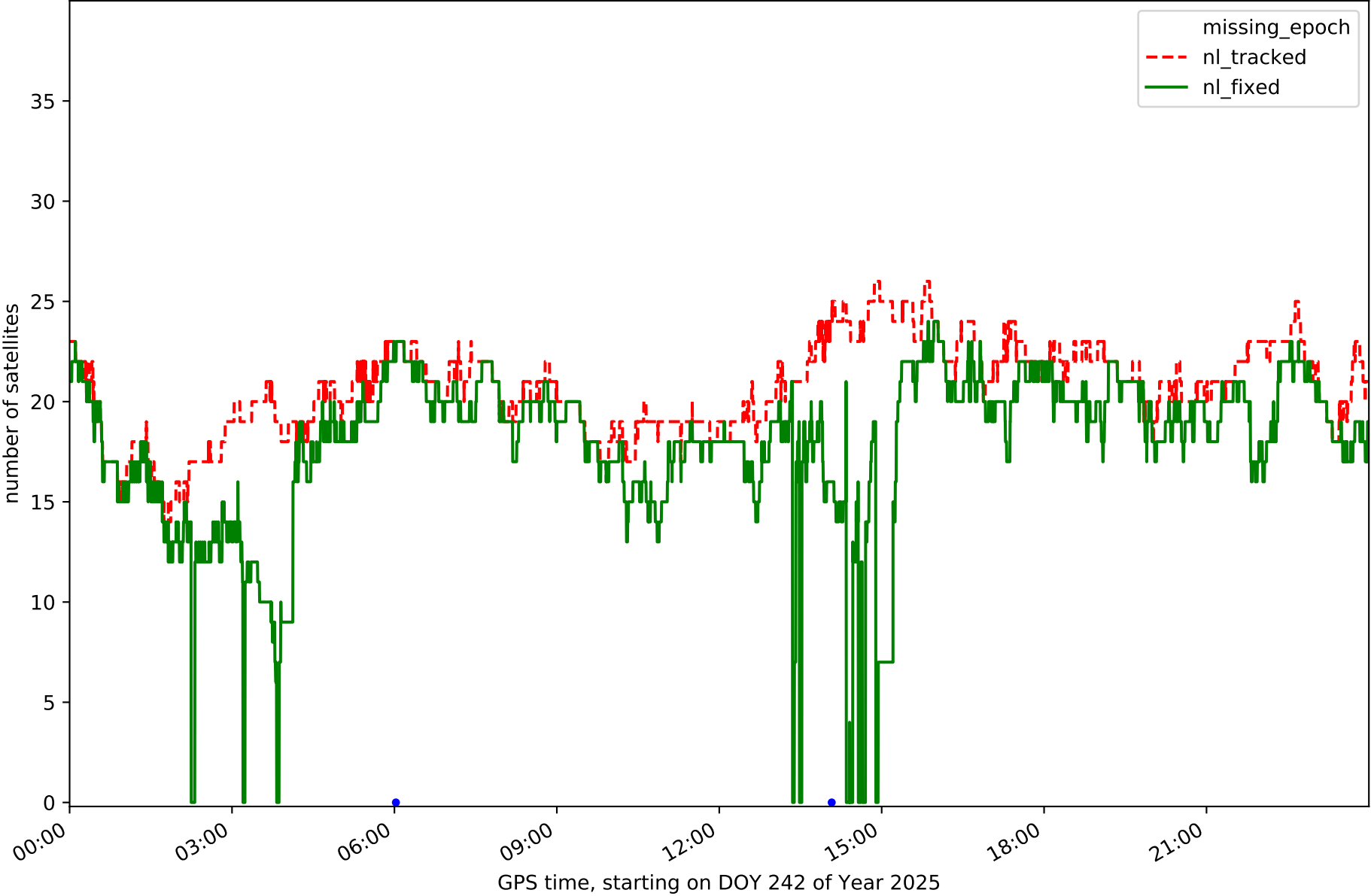
Station ASTO in network NET6



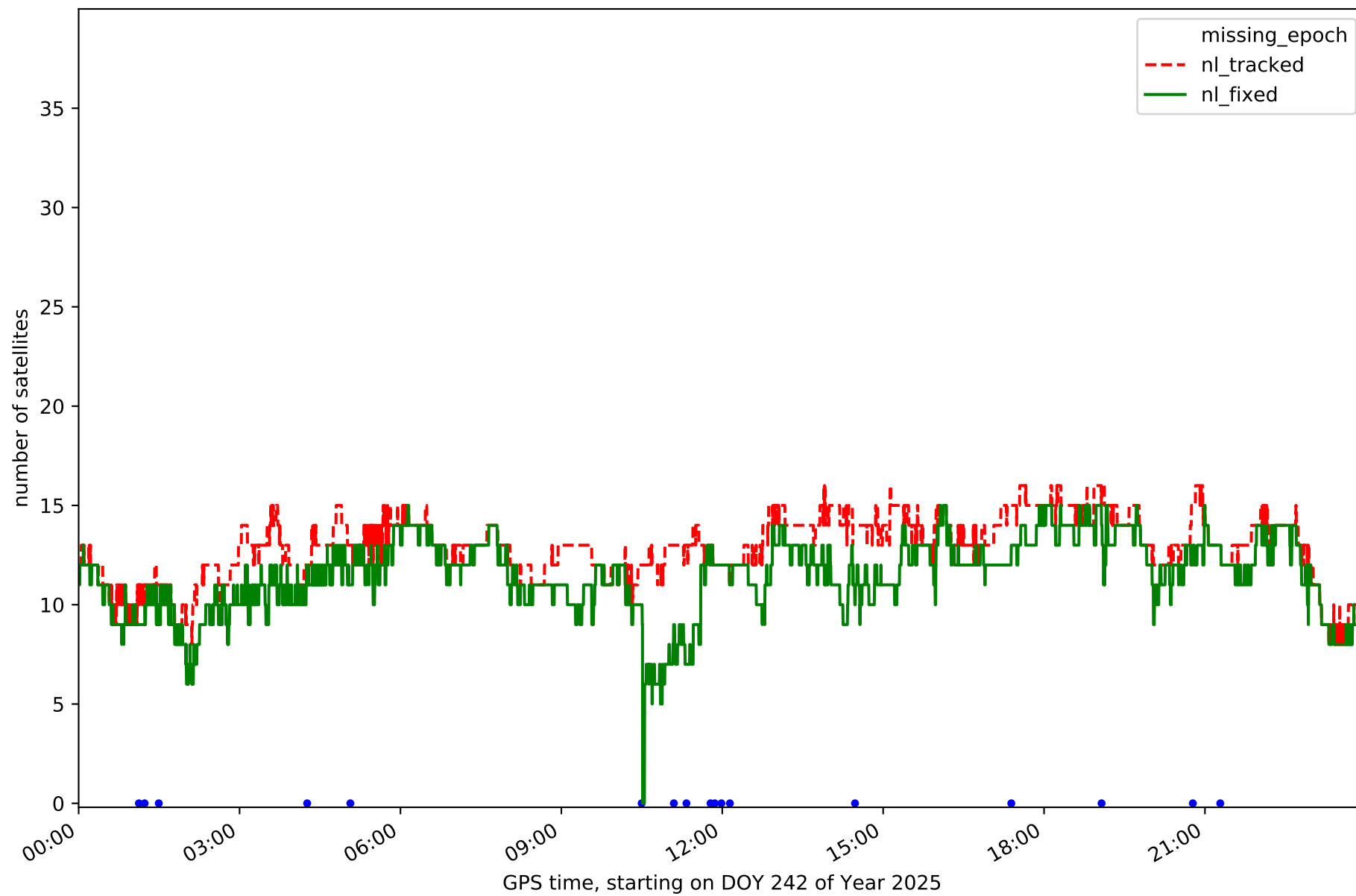
Station CNAR in network NET6



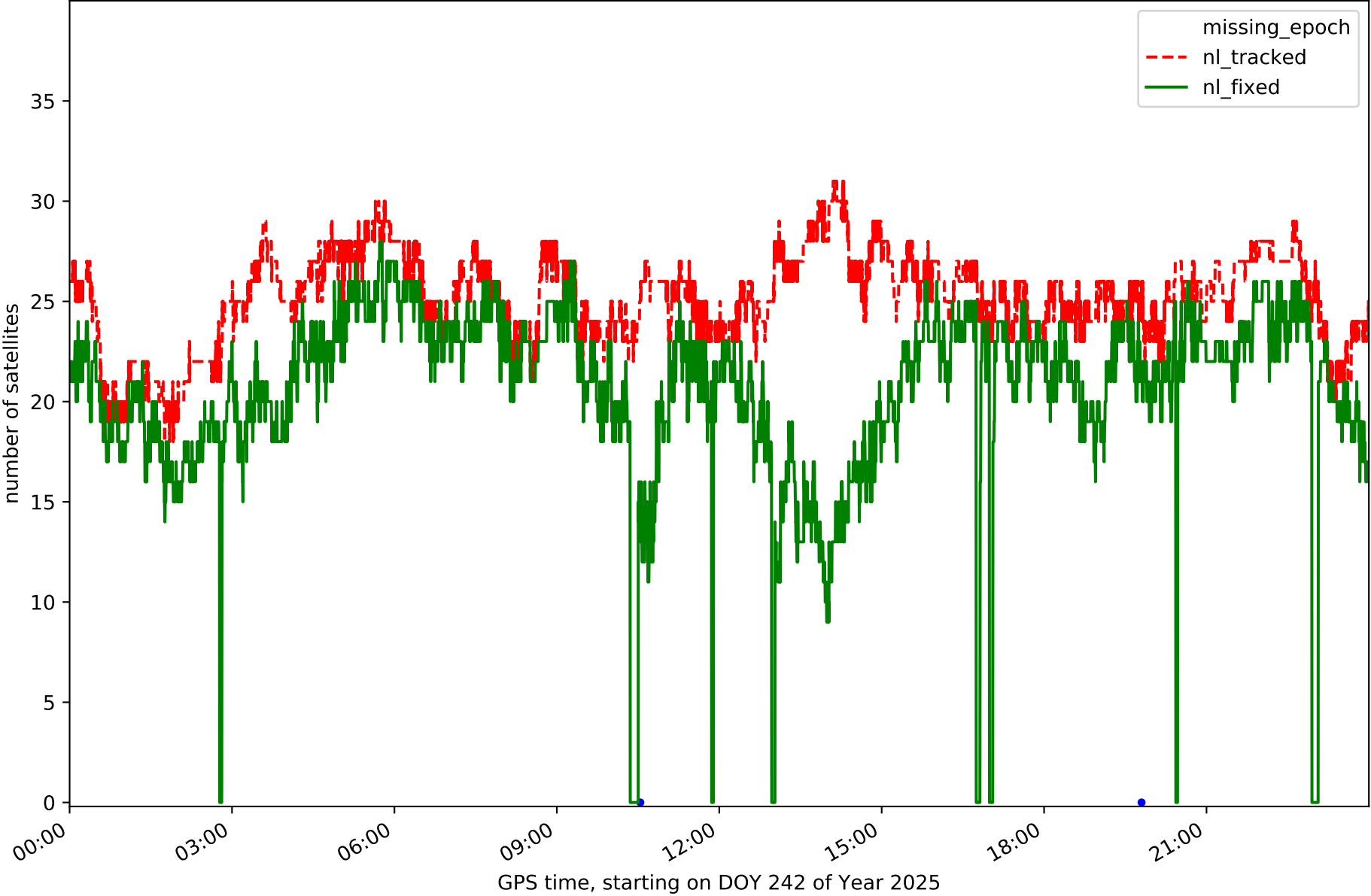
Station FRRL in network NET6



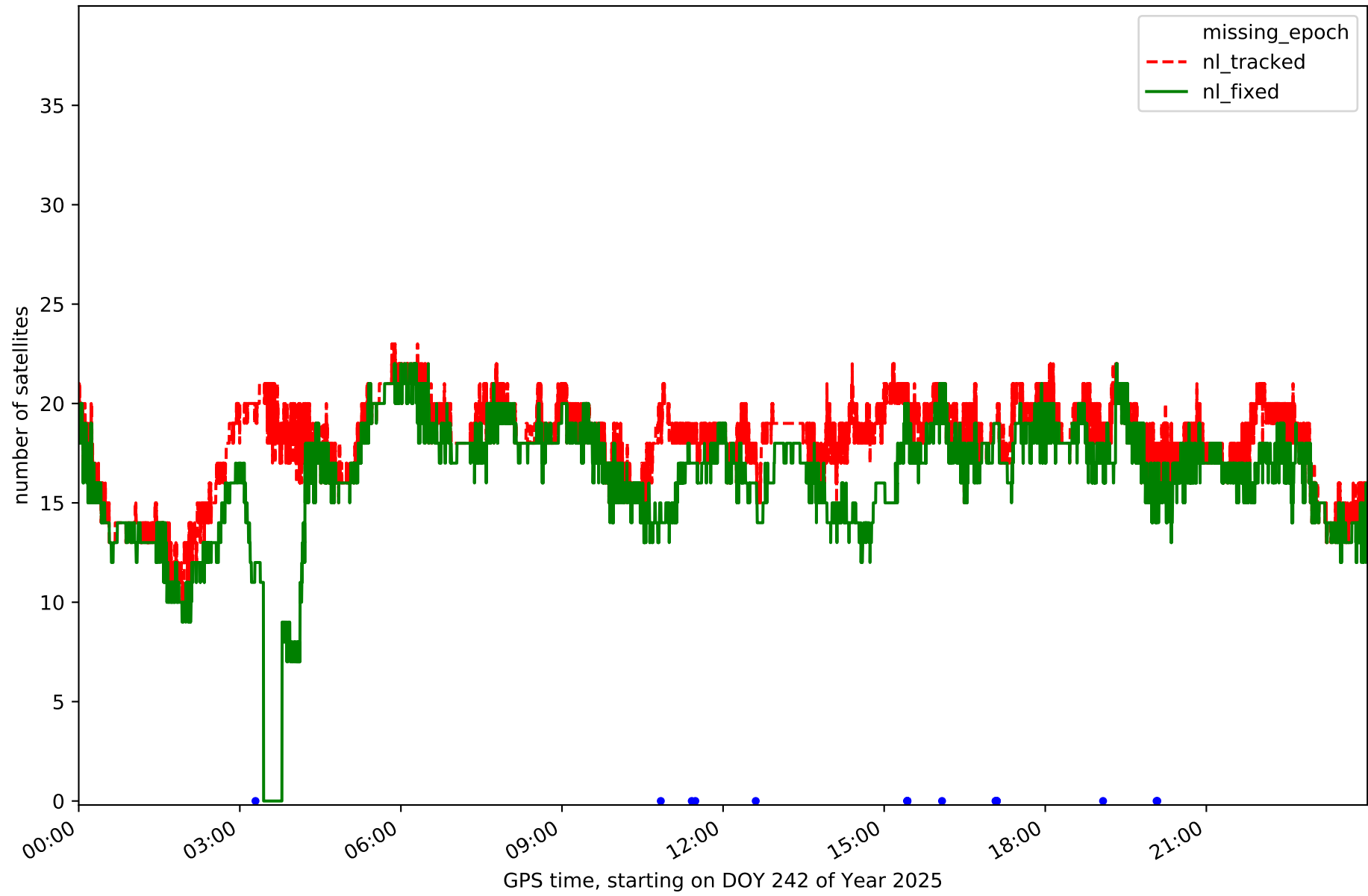
Station GRSL in network NET6



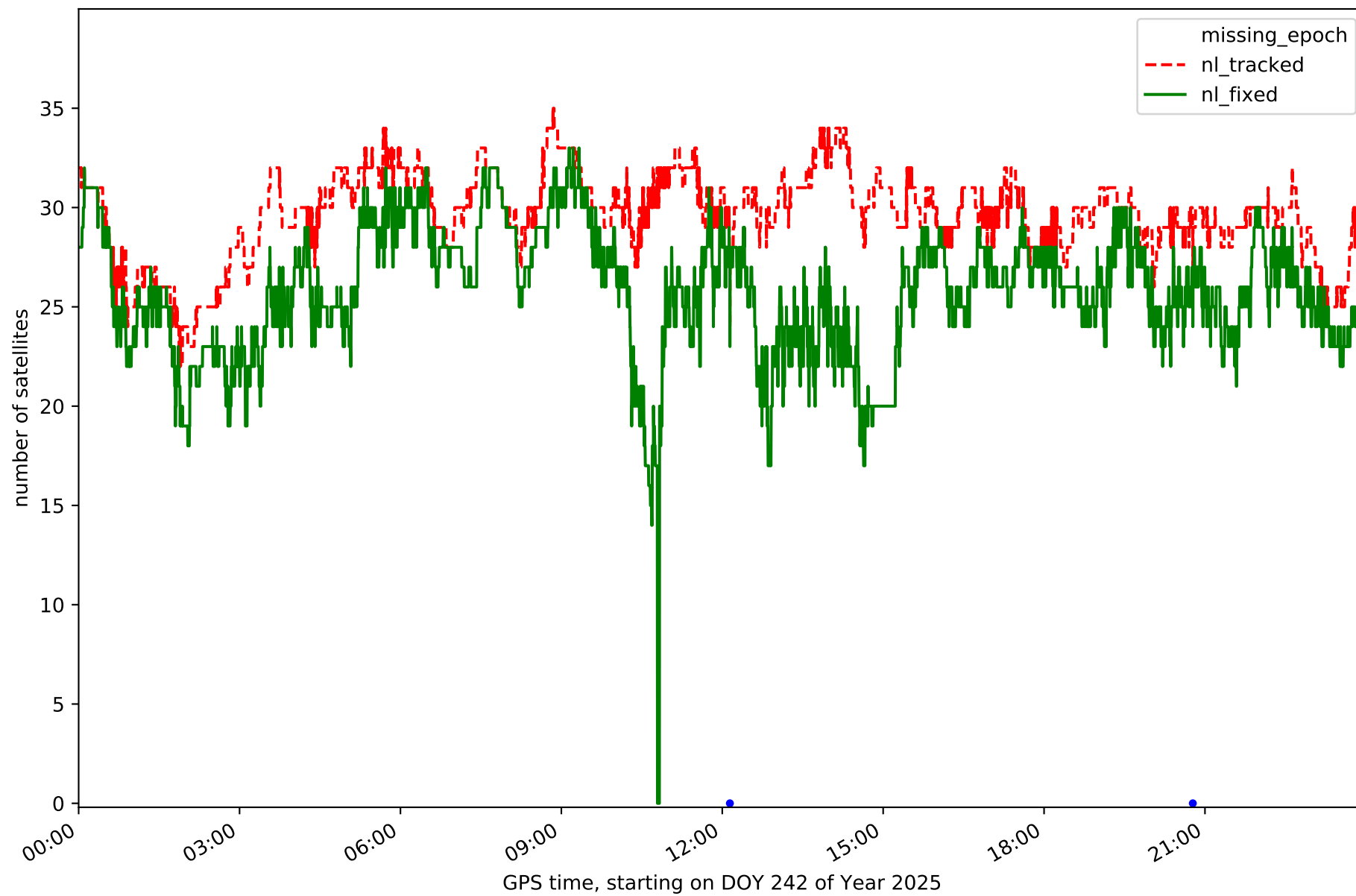
Station GUDI in network NET6



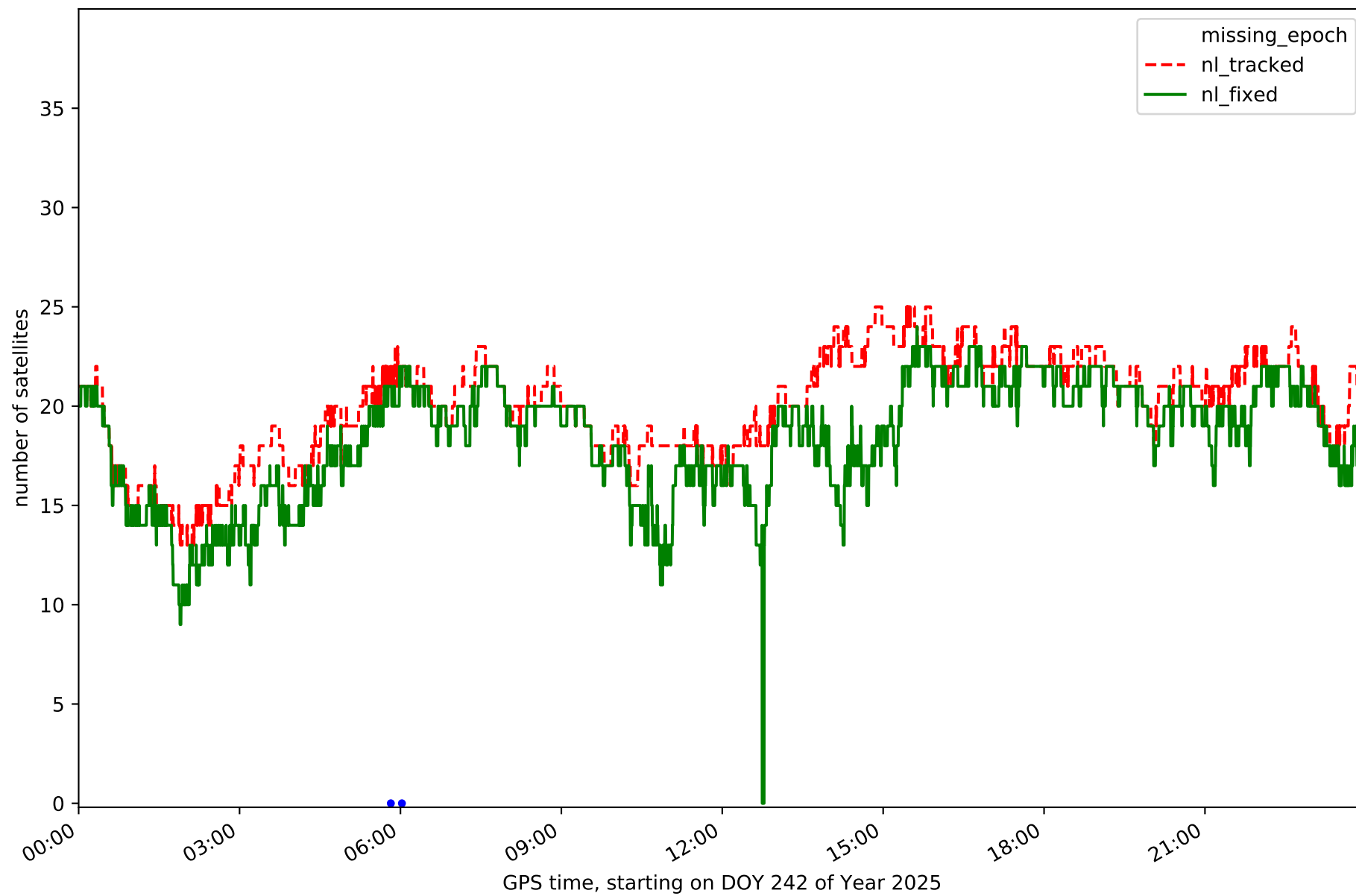
Station LNGS in network NET6



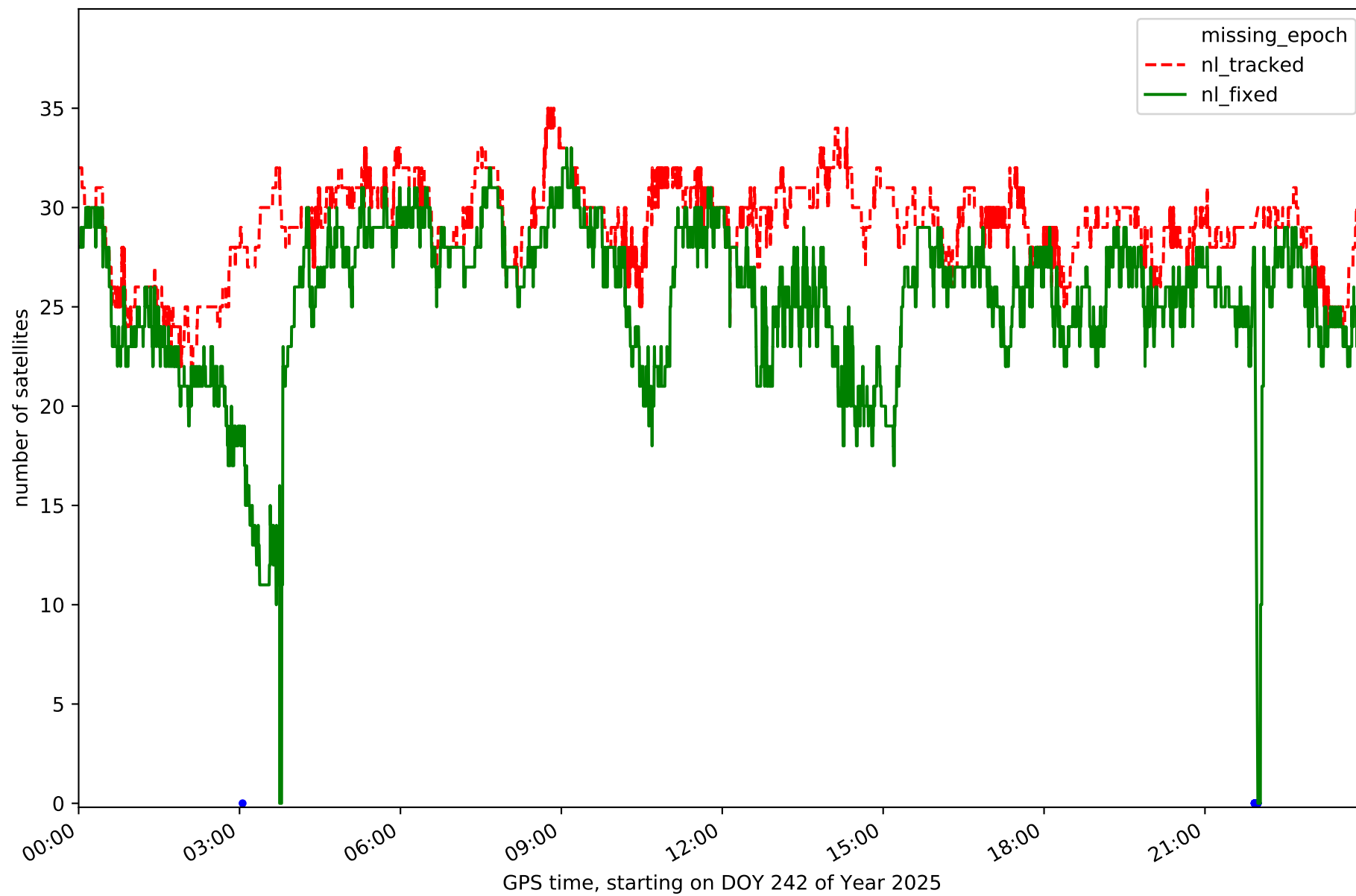
Station LUAR in network NET6



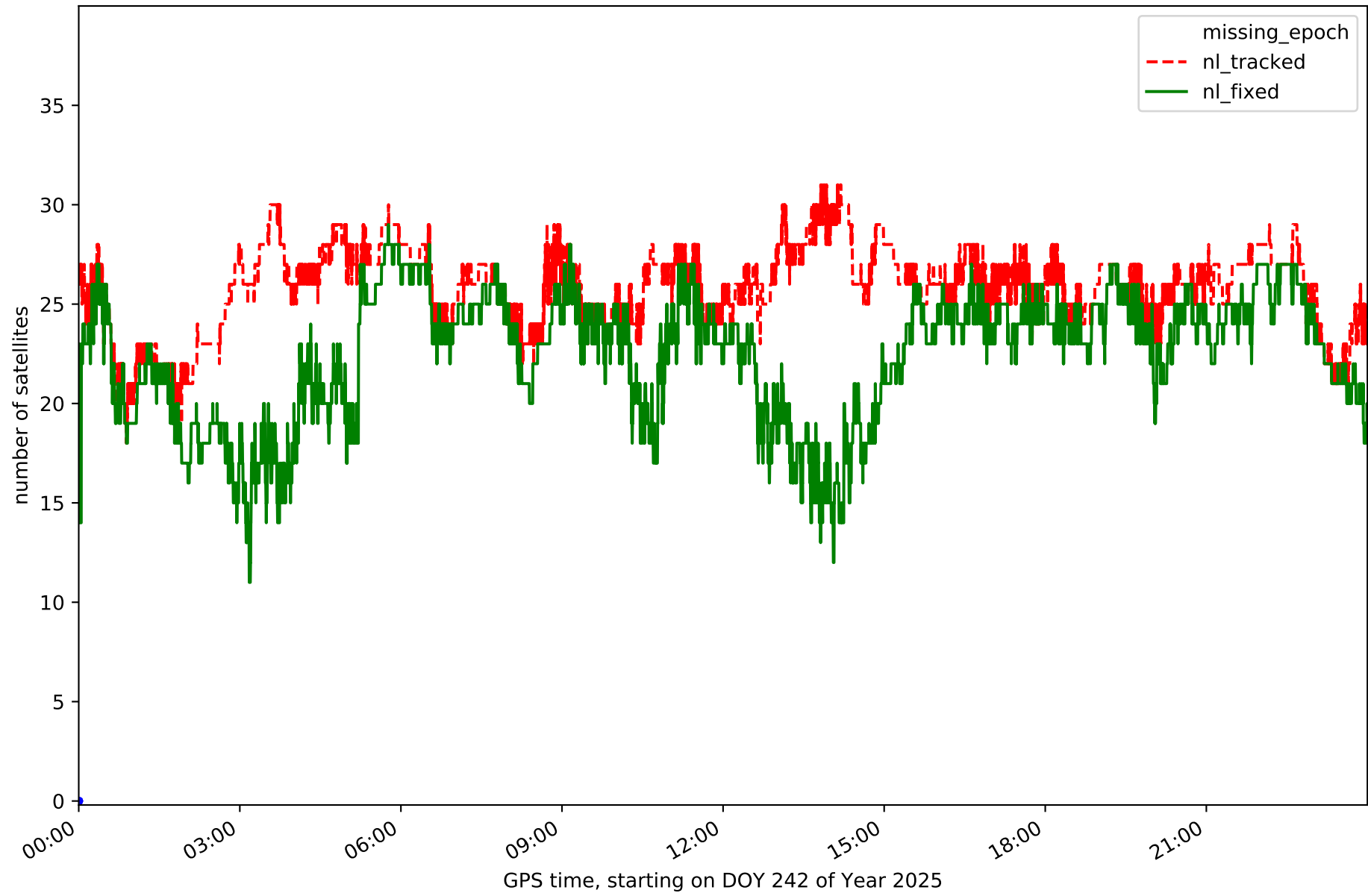
Station LUGO in network NET6



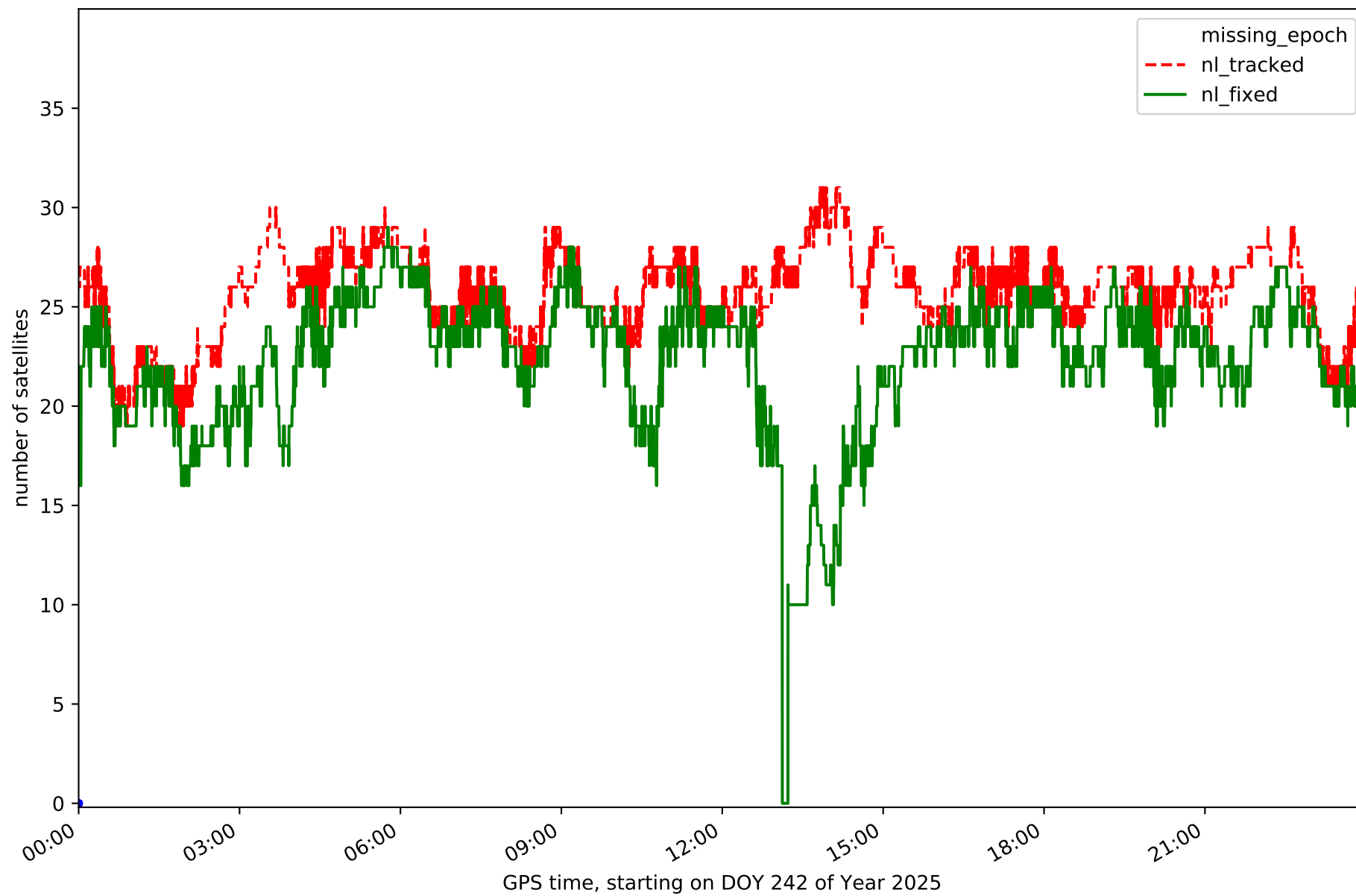
Station ORTG in network NET6



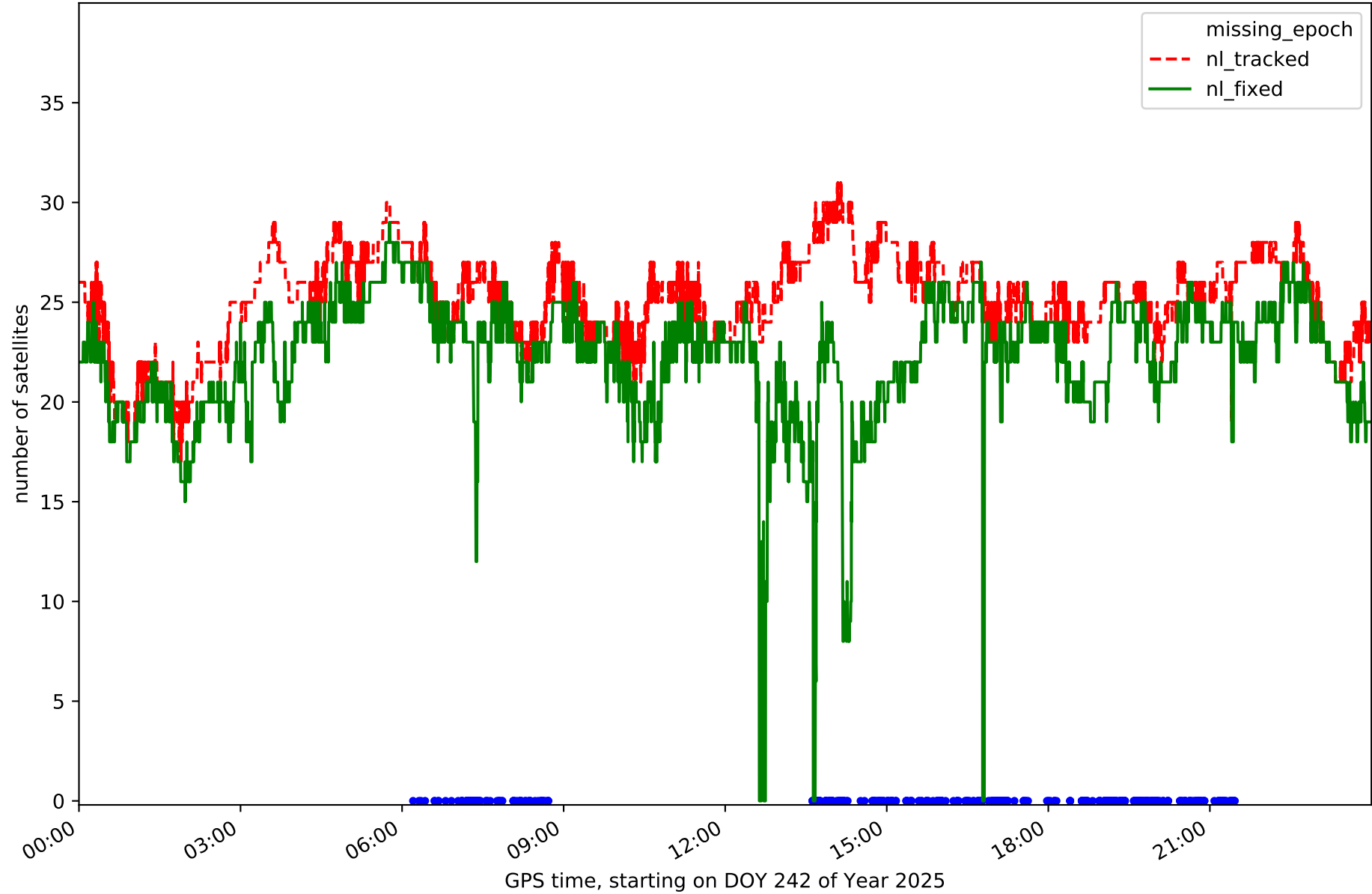
Station PONF in network NET6



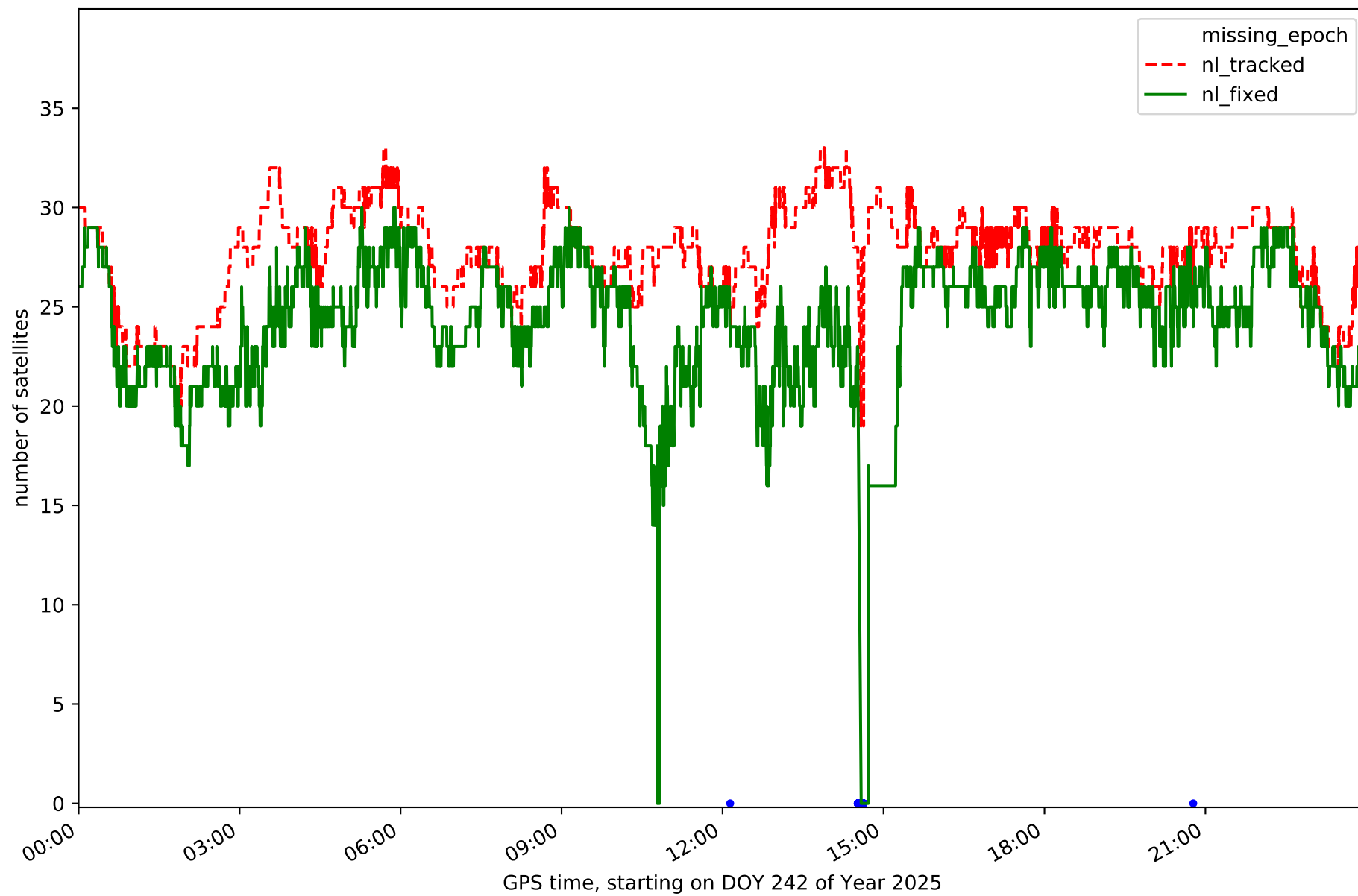
Station PSBR in network NET6



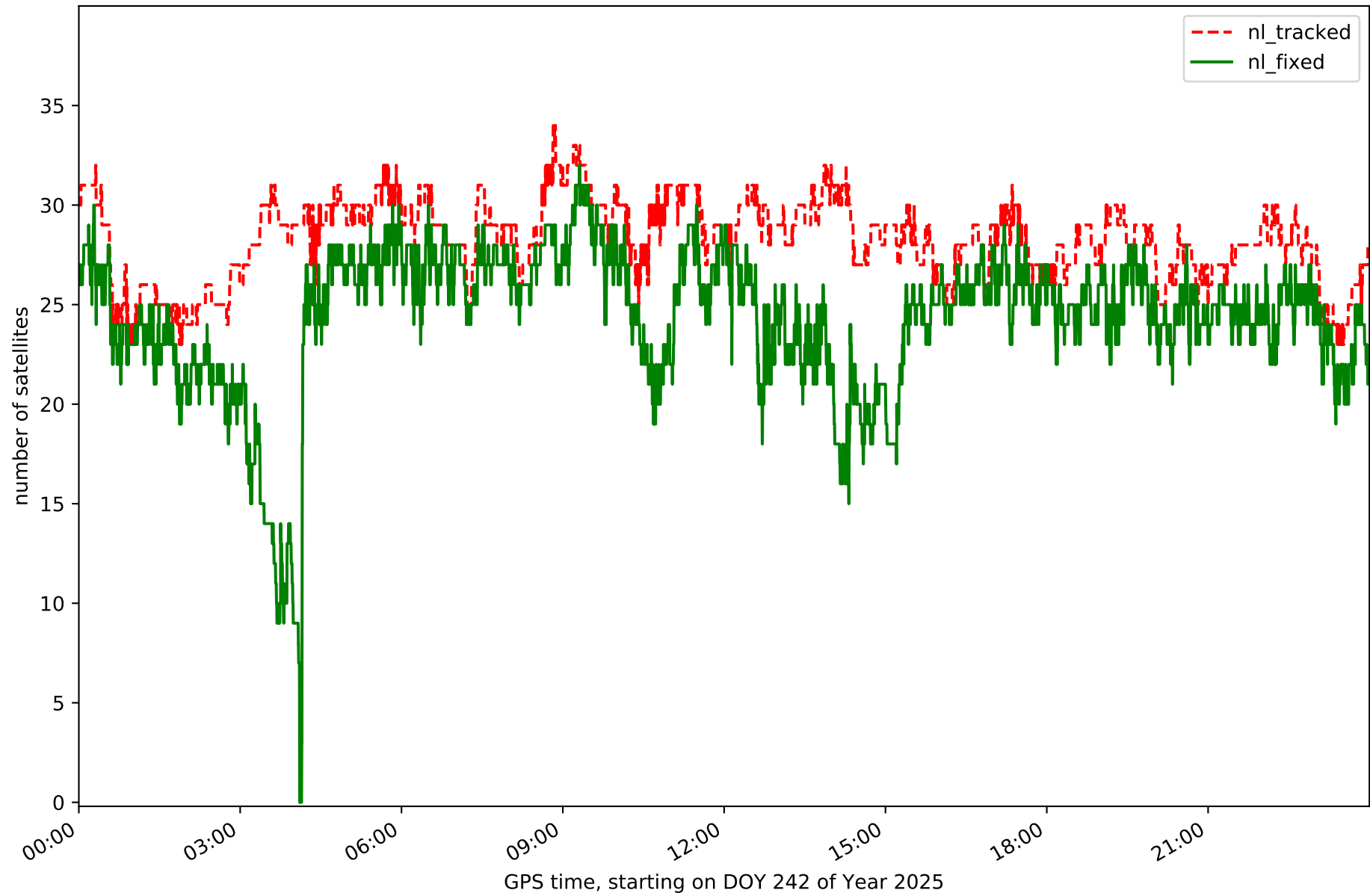
Station RODI in network NET6



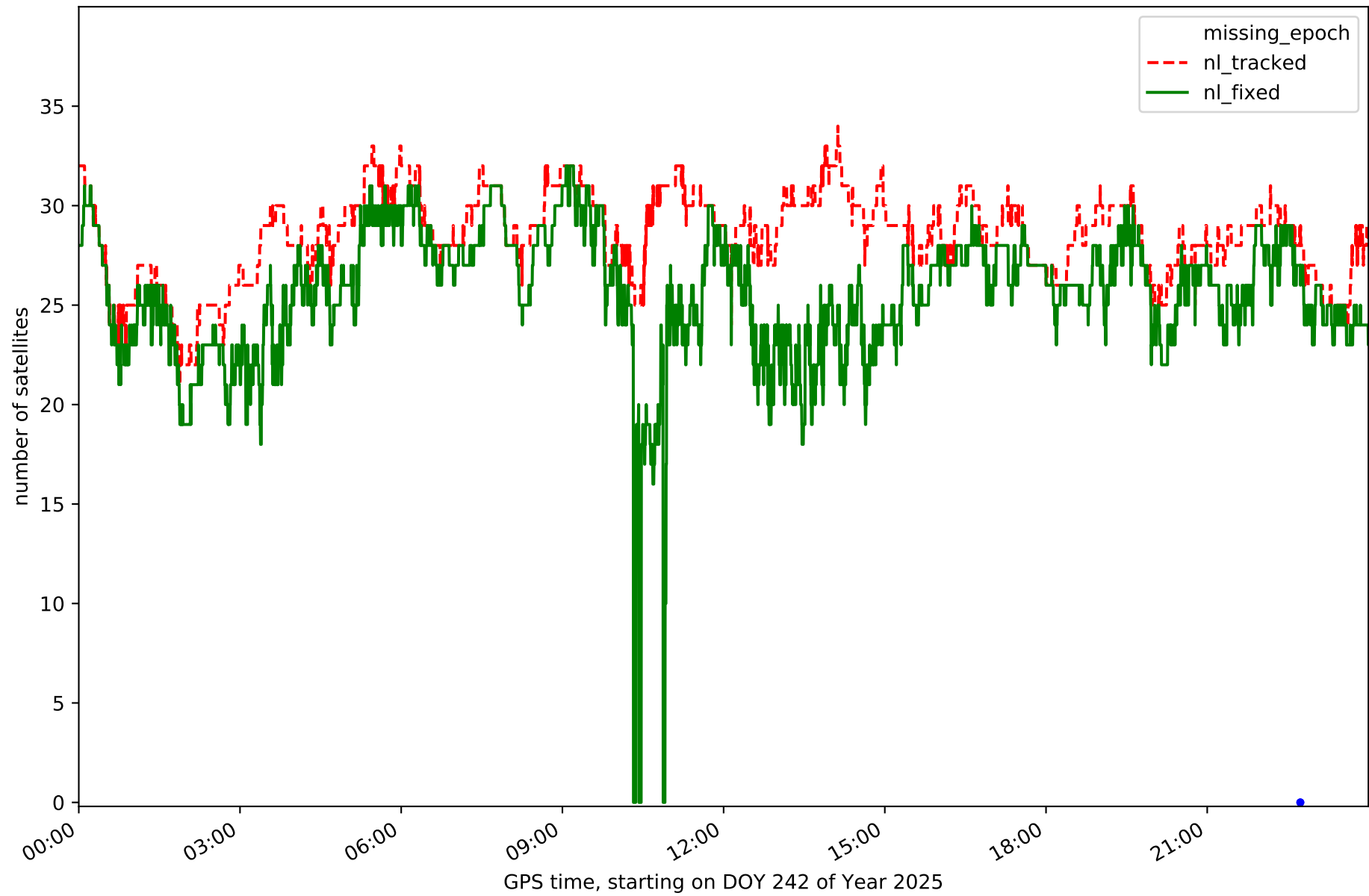
Station SALS in network NET6



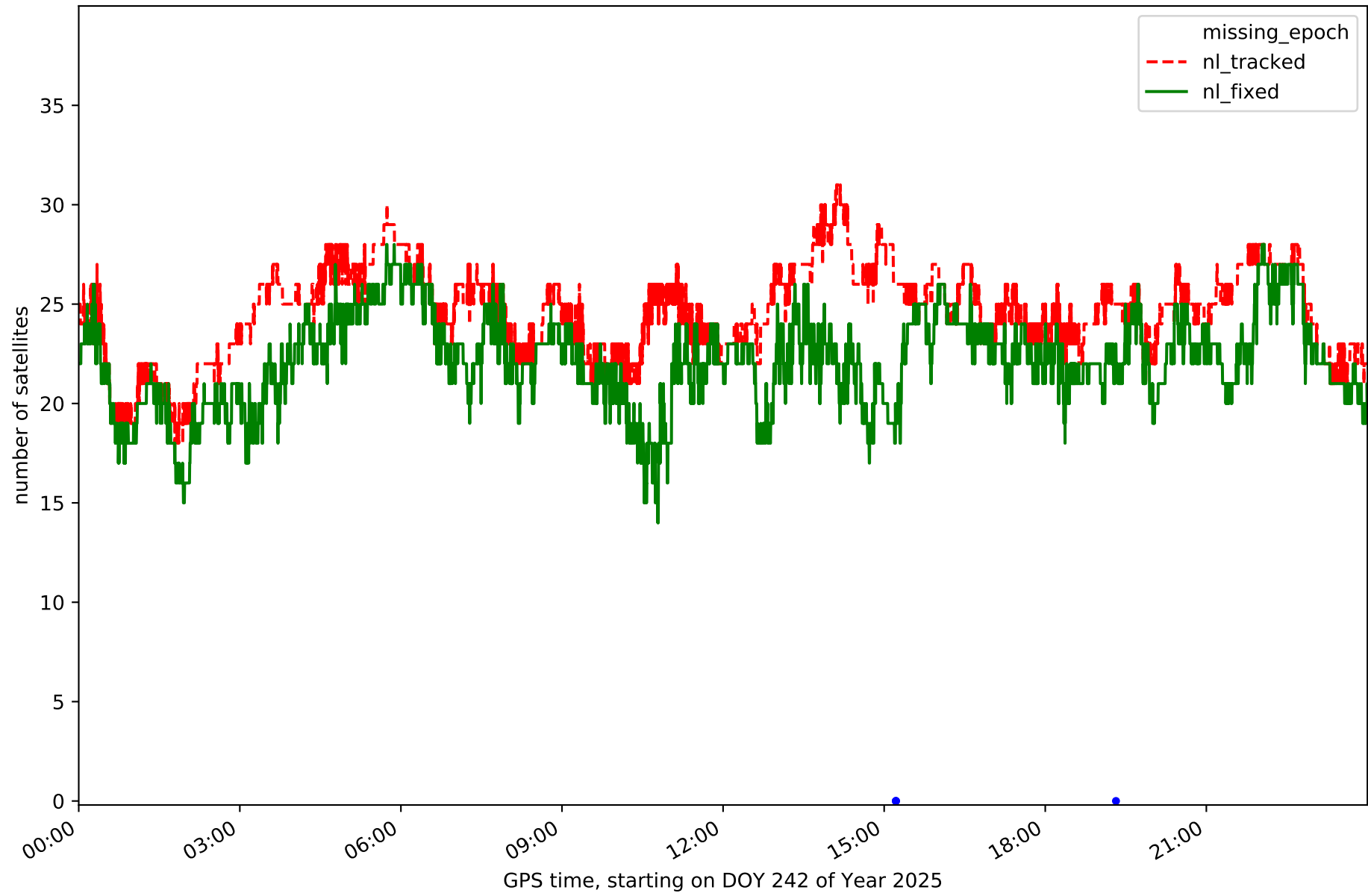
Station SNTG in network NET6



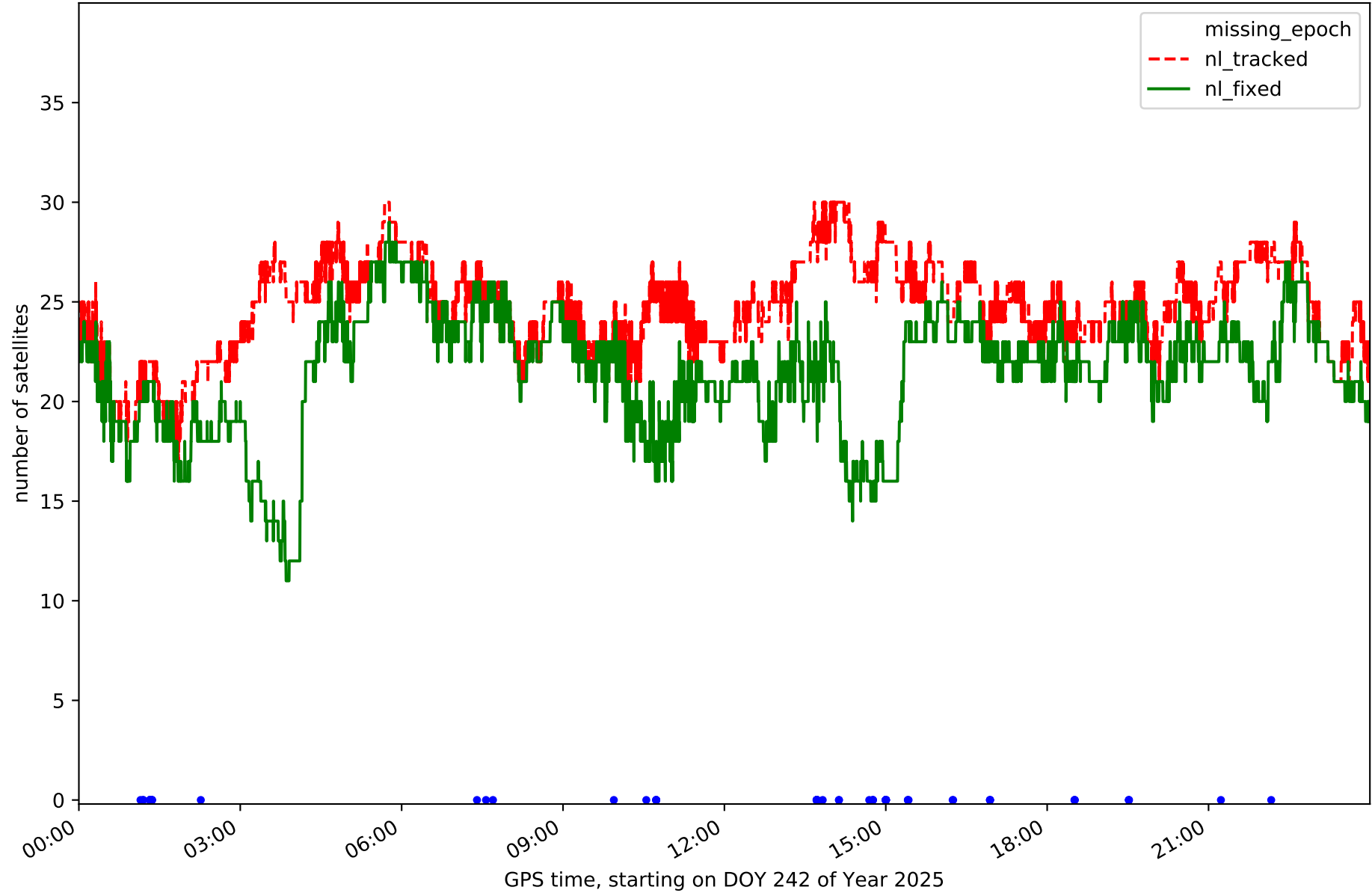
Station VBLO in network NET6



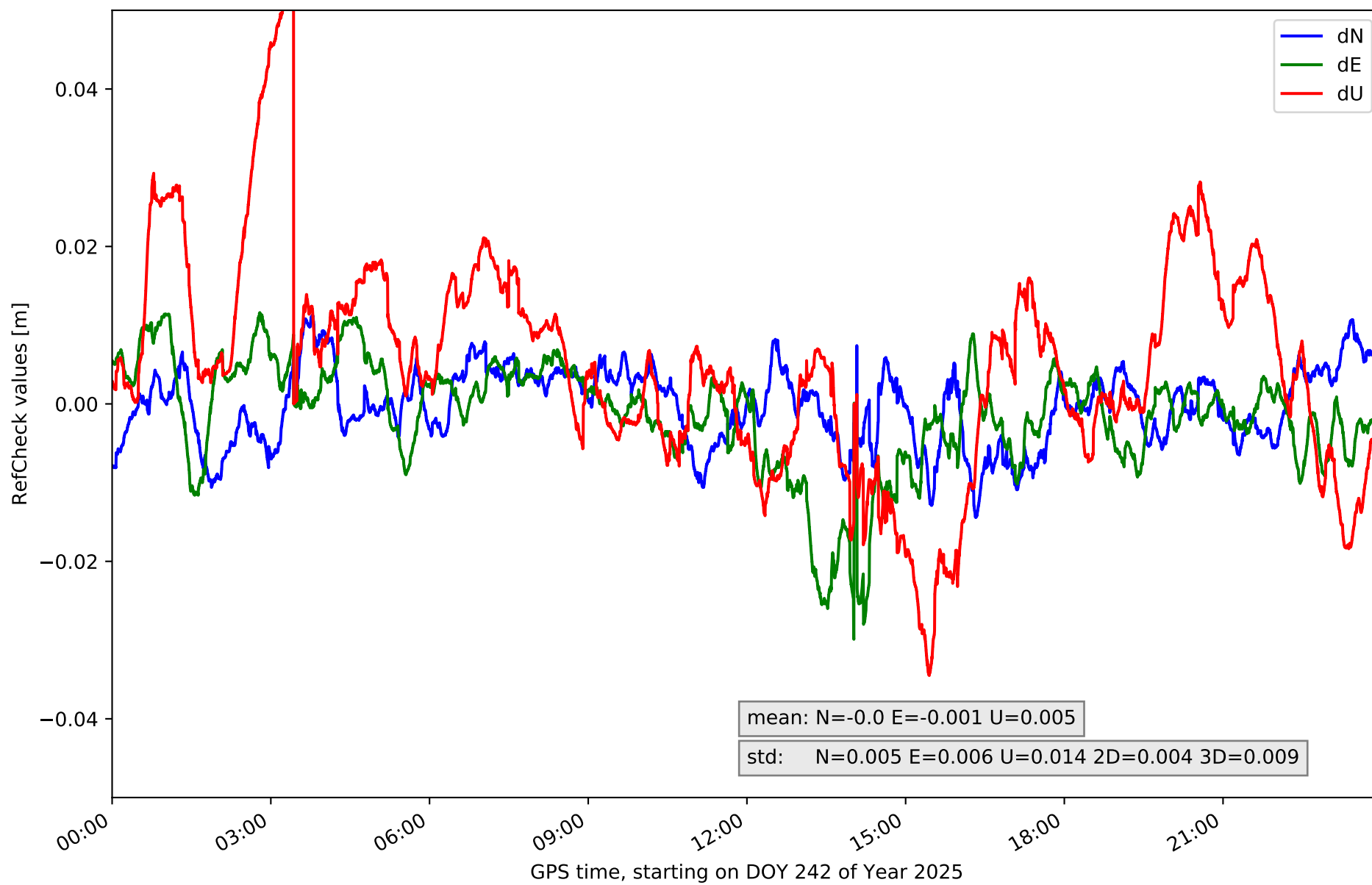
Station VEG1 in network NET6



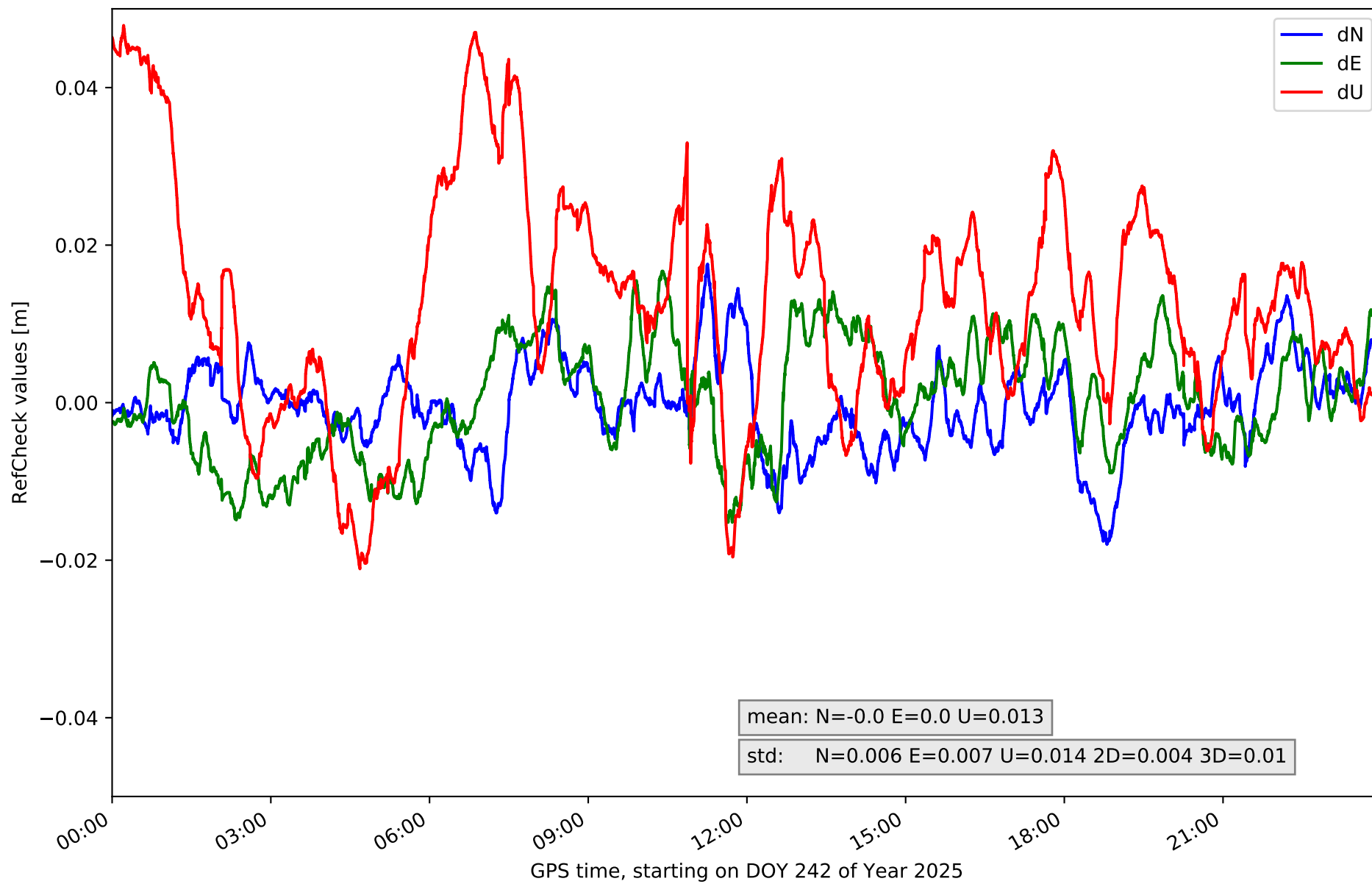
Station VIGO in network NET6



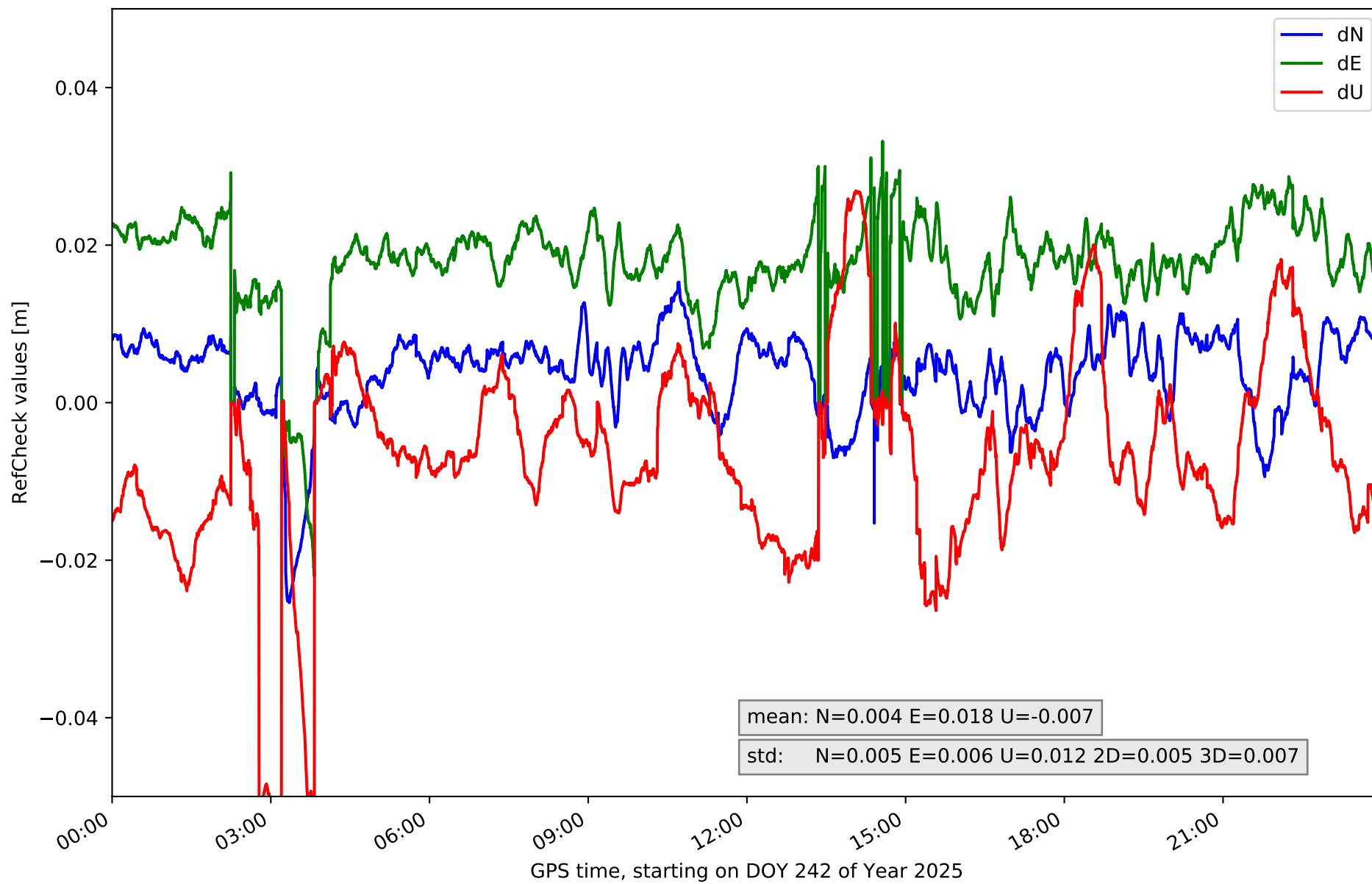
RefCheck for station ASTO in network NET6



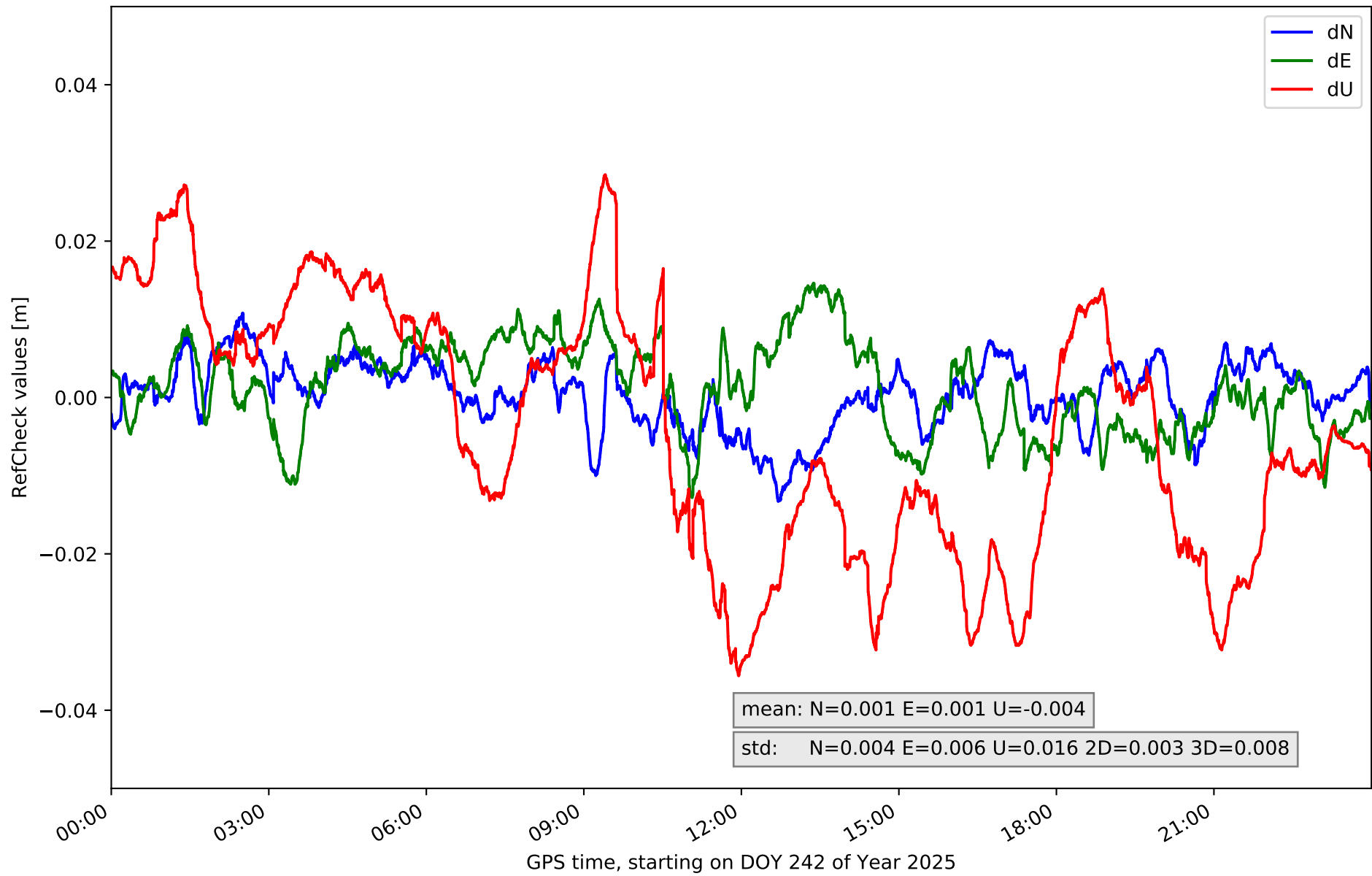
RefCheck for station CNAR in network NET6



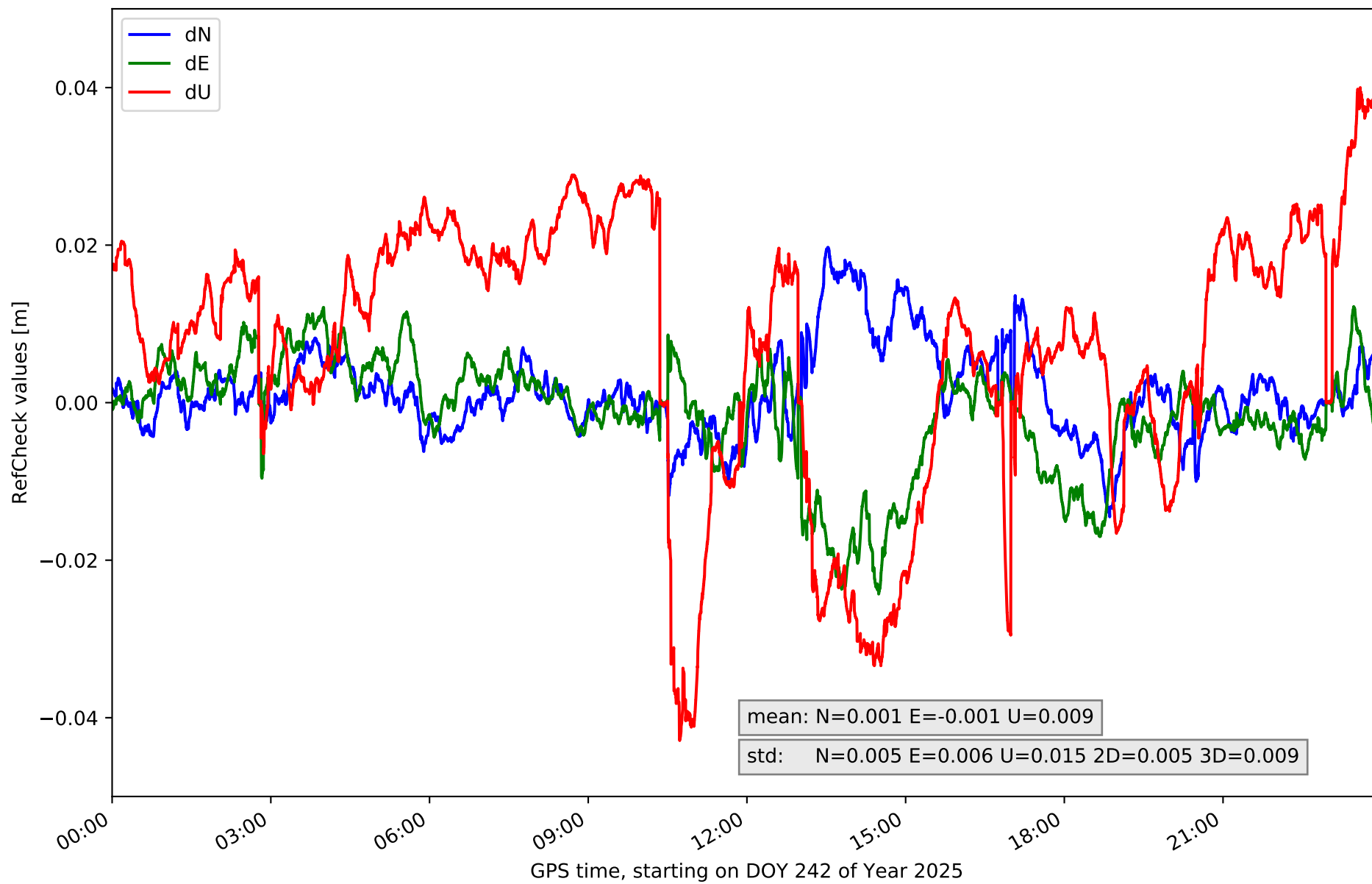
RefCheck for station FRRL in network NET6



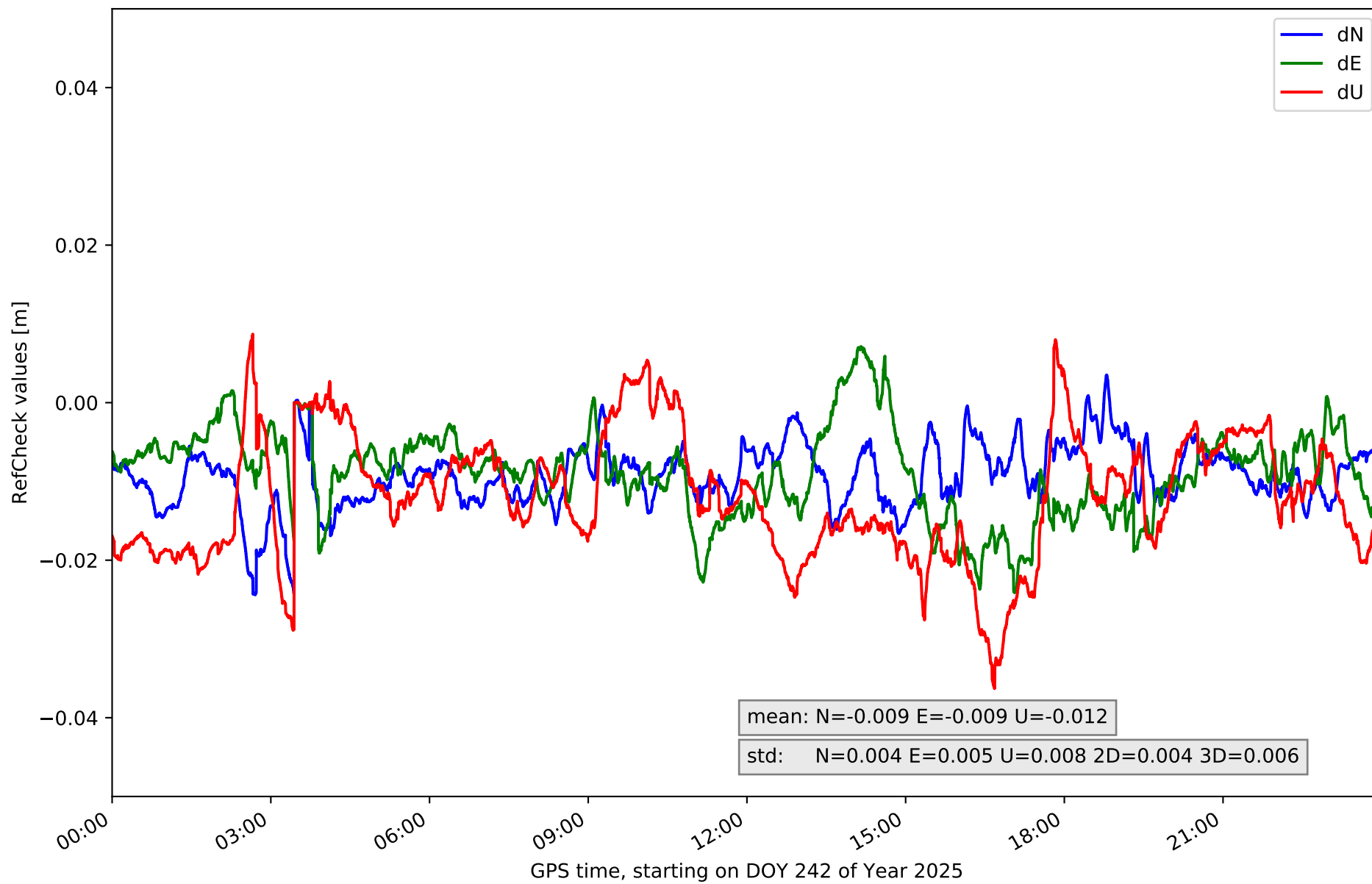
RefCheck for station GRSL in network NET6



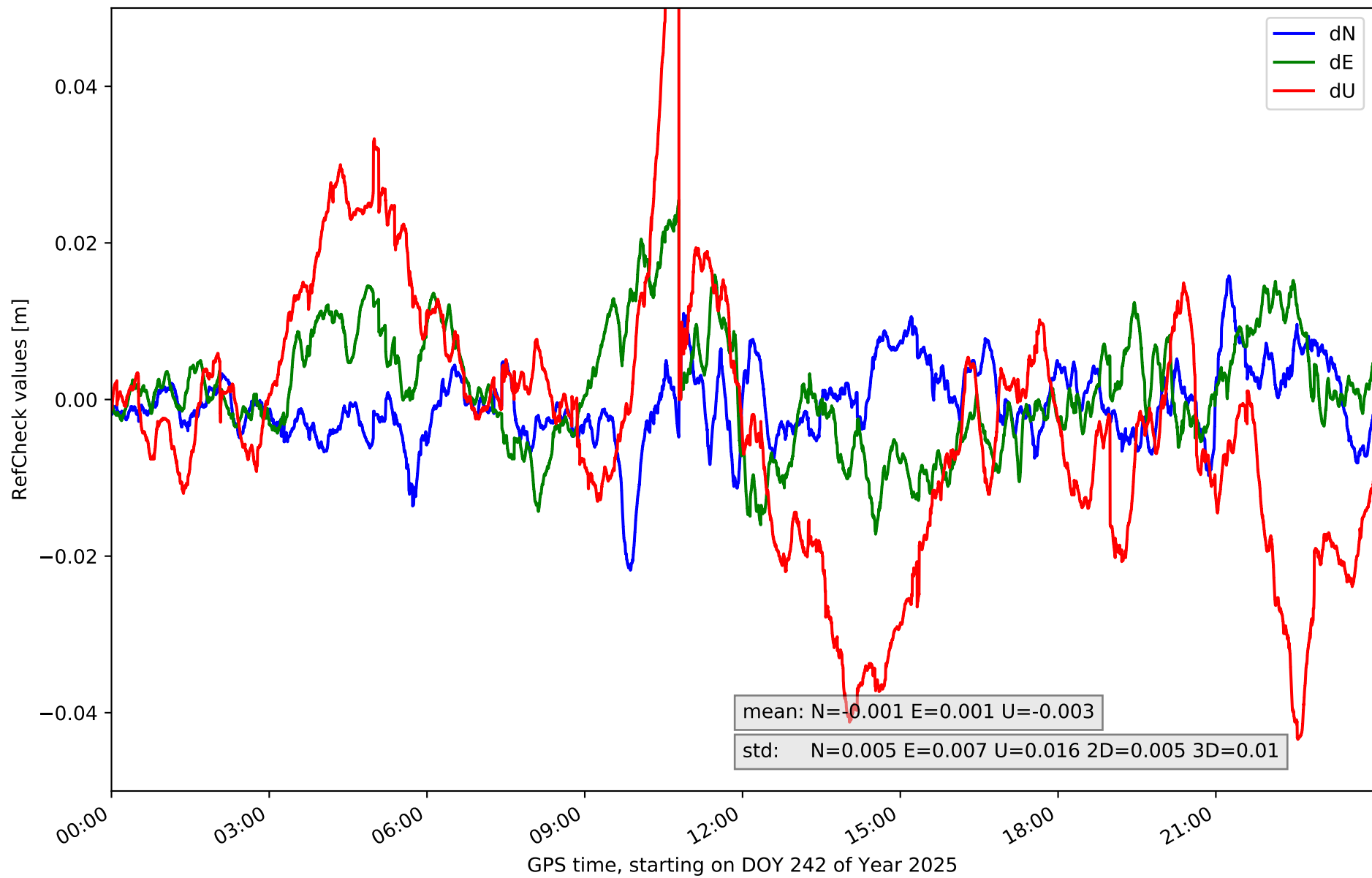
RefCheck for station GUDI in network NET6



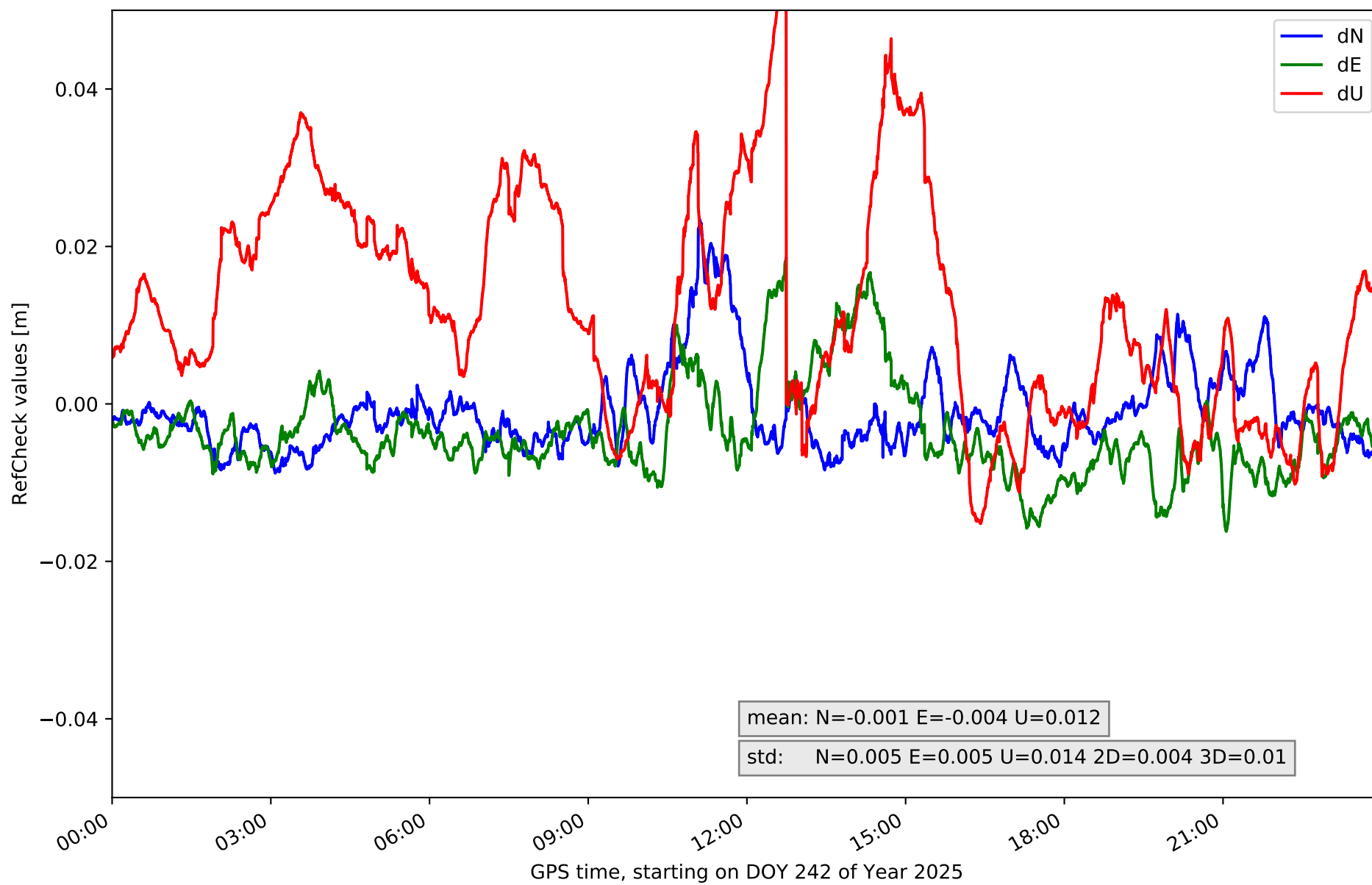
RefCheck for station LNGS in network NET6



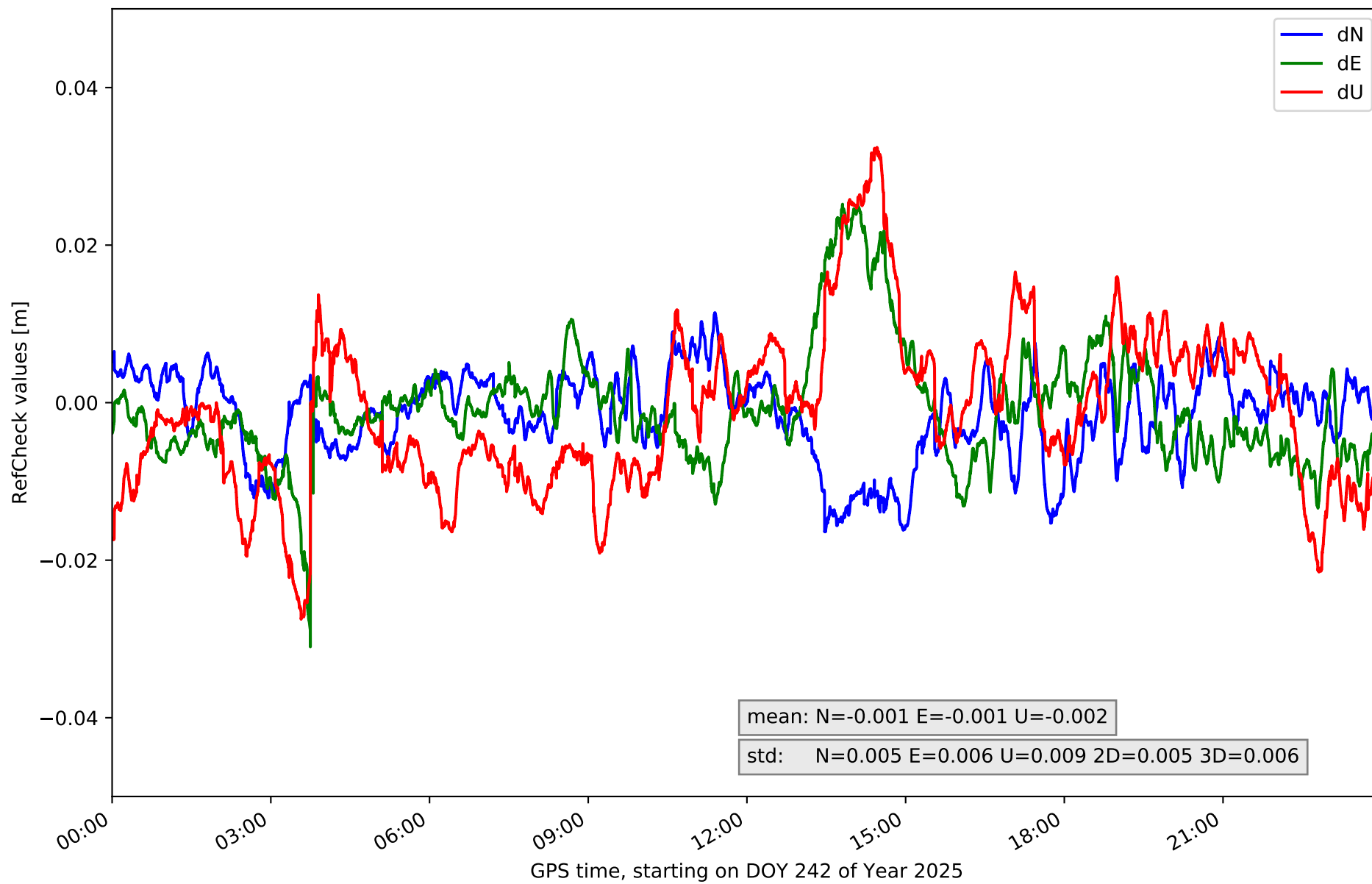
RefCheck for station LUAR in network NET6



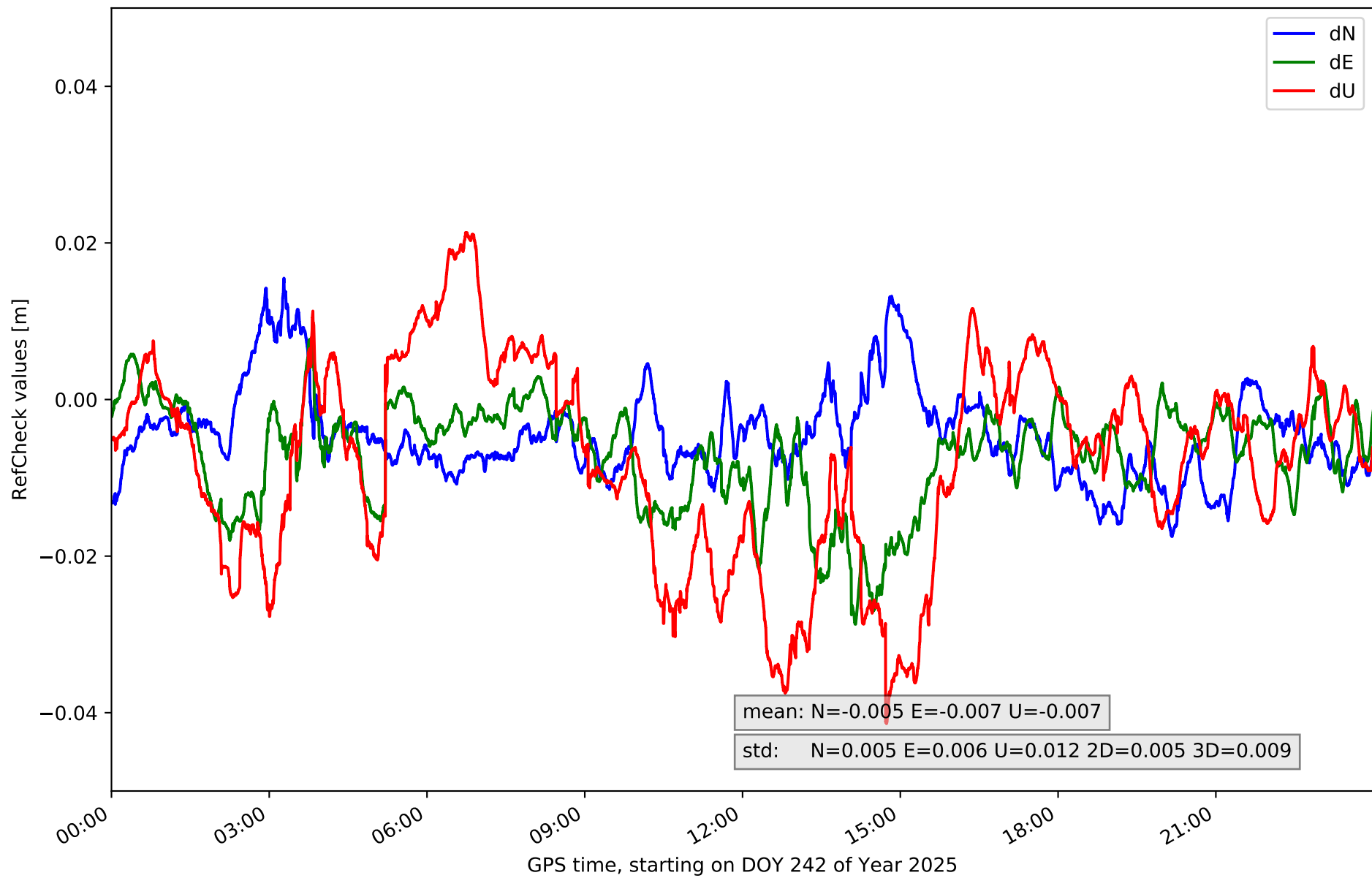
RefCheck for station LUGO in network NET6



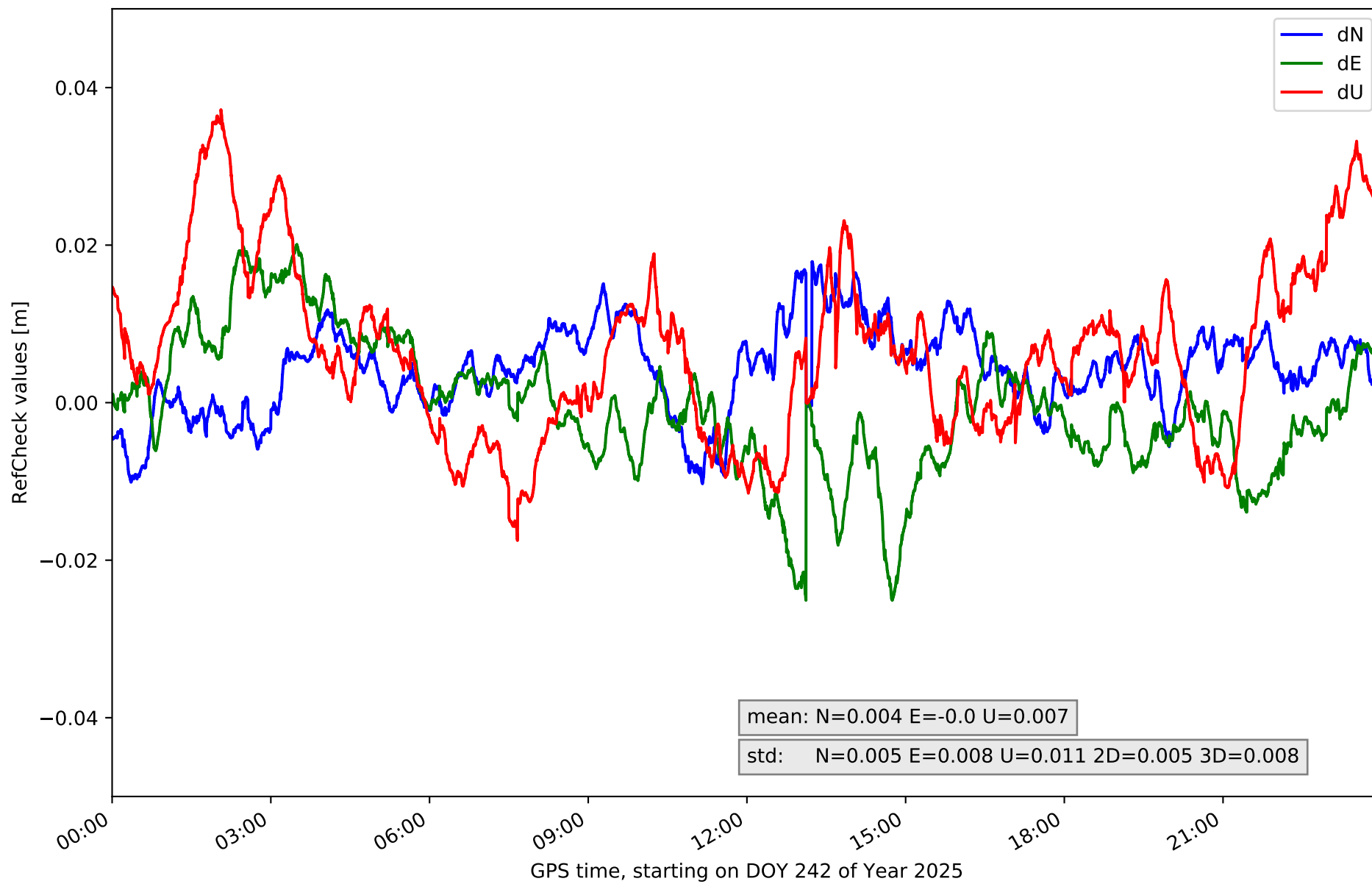
RefCheck for station ORTG in network NET6



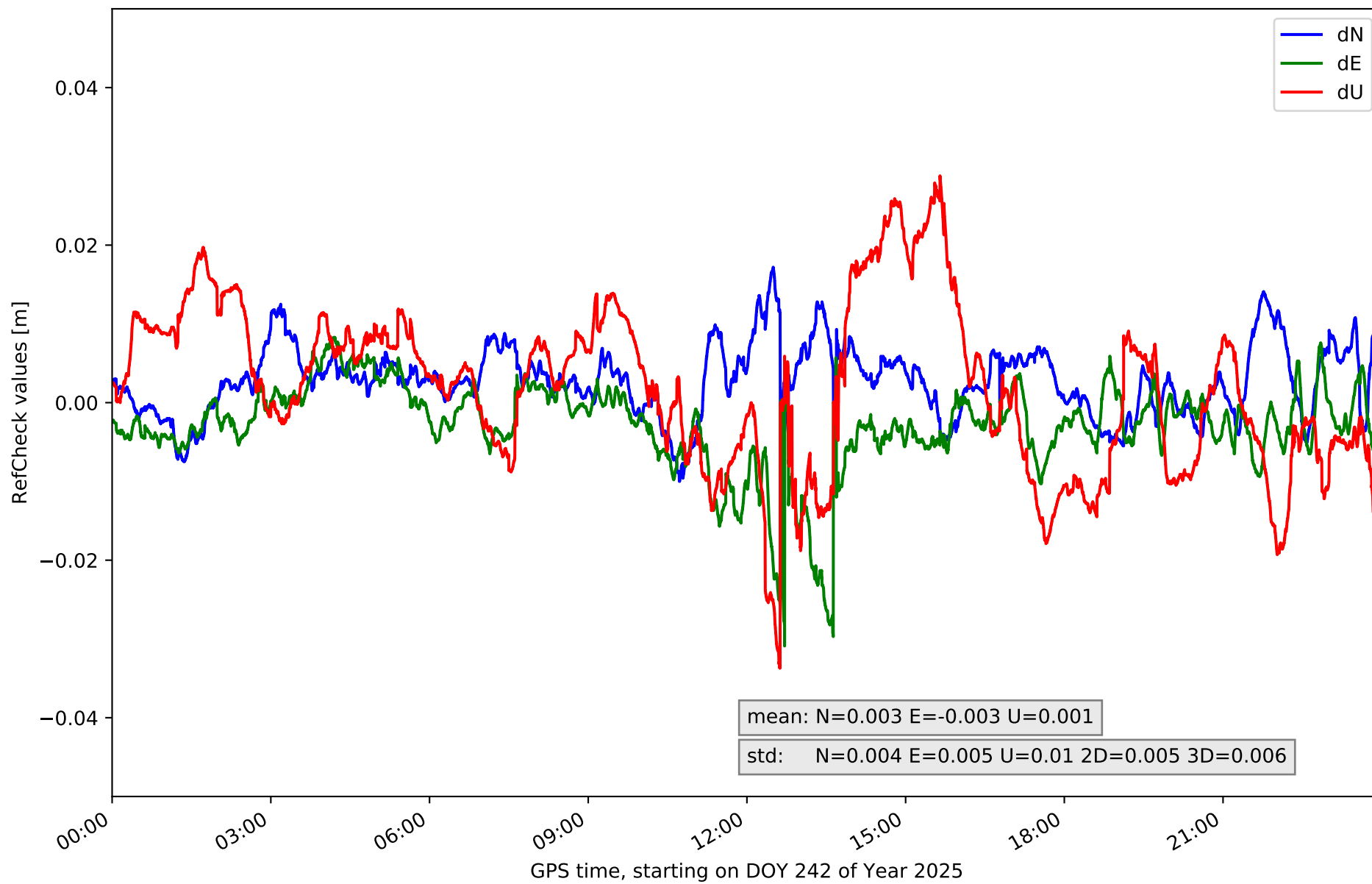
RefCheck for station PONF in network NET6



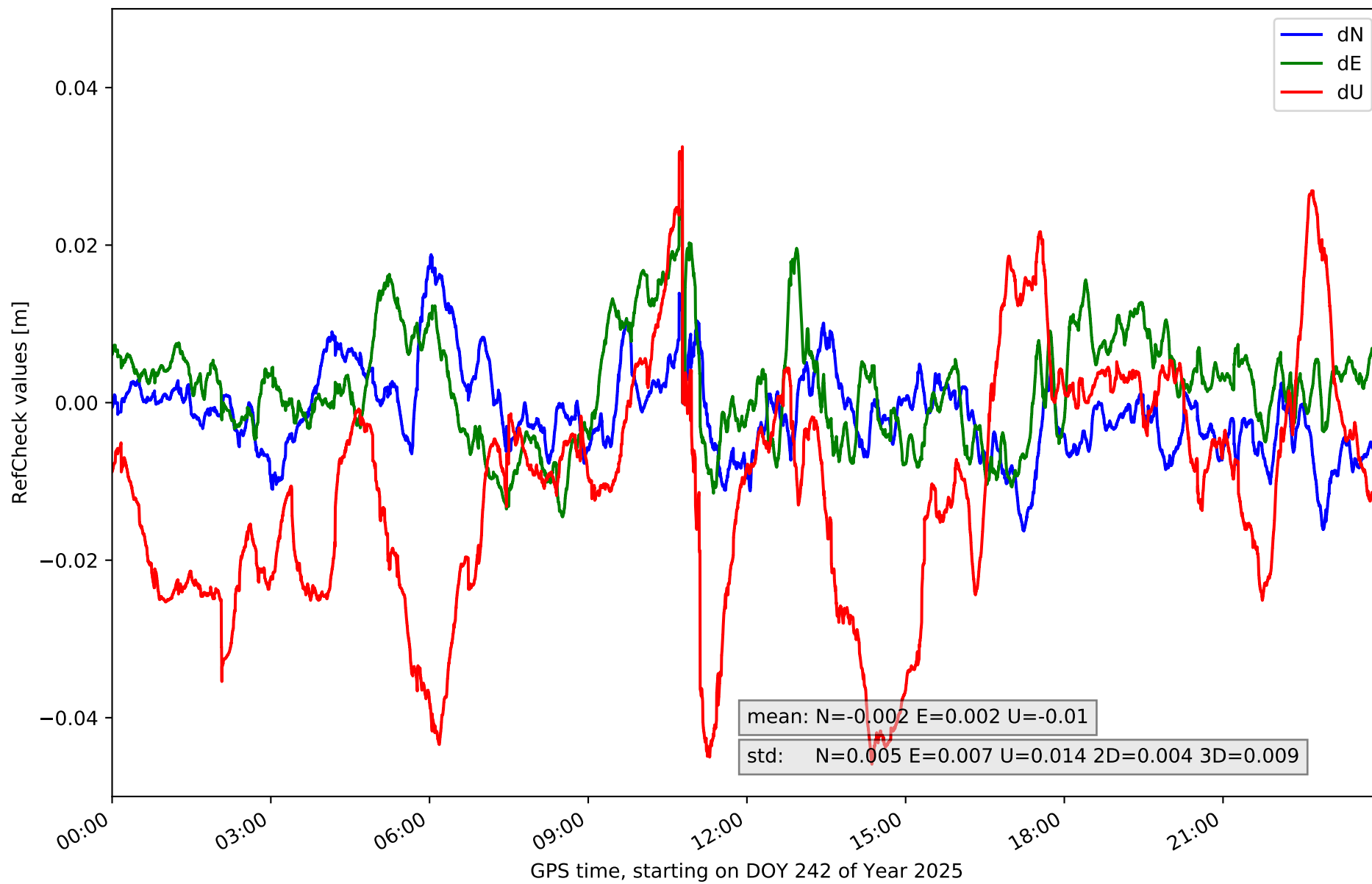
RefCheck for station PSBR in network NET6



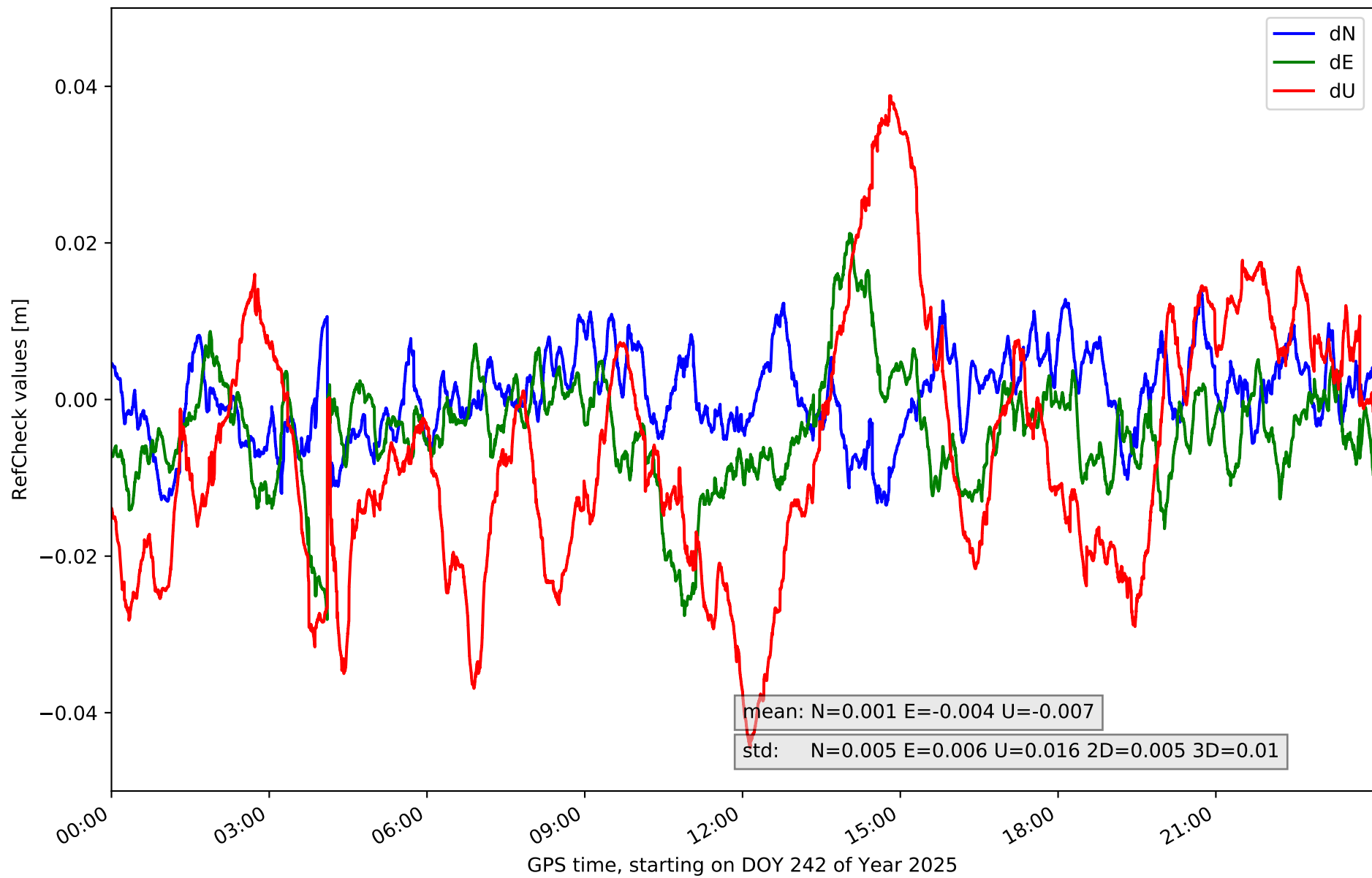
RefCheck for station RODI in network NET6



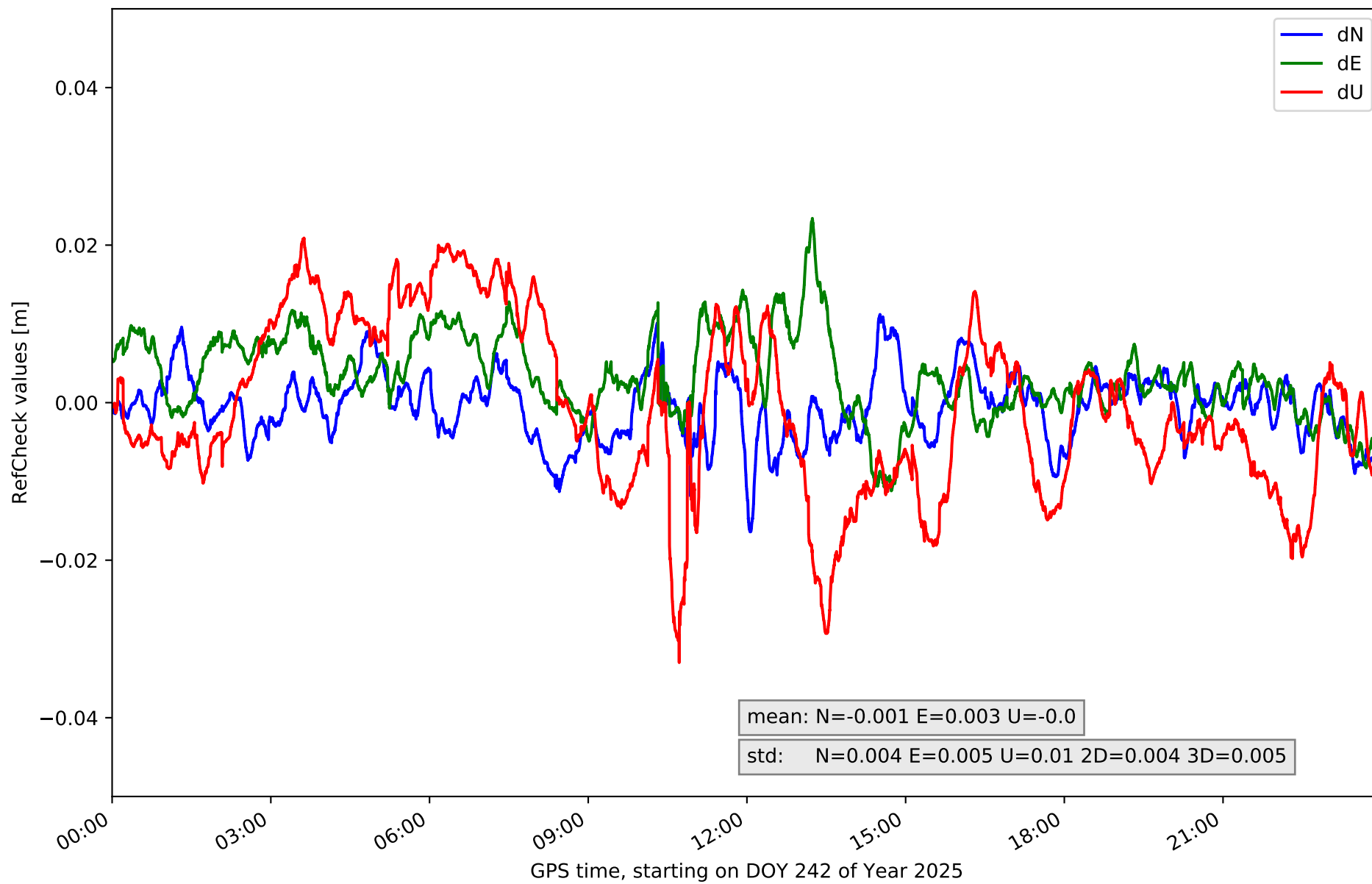
RefCheck for station SALS in network NET6



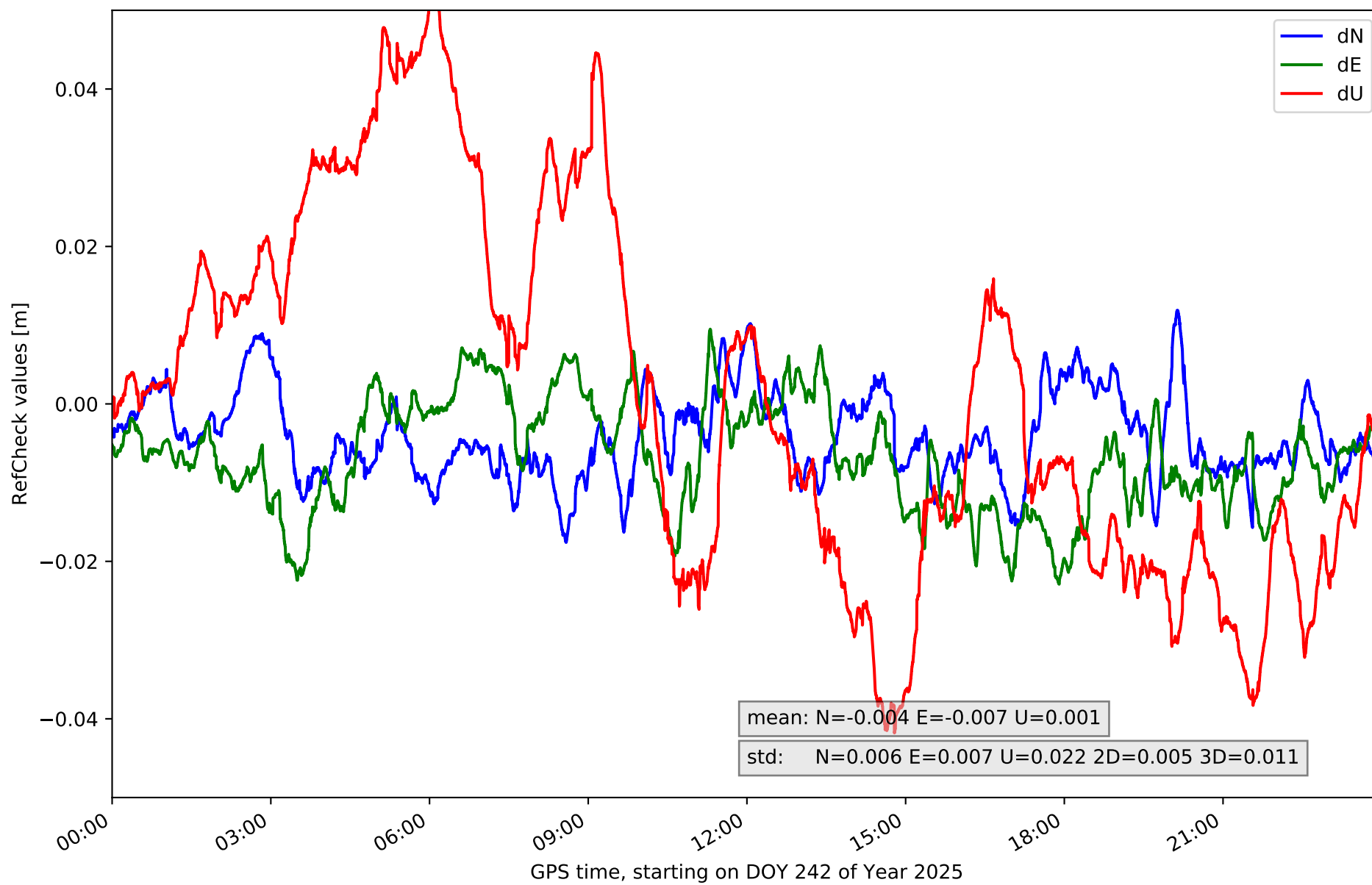
RefCheck for station SNTG in network NET6



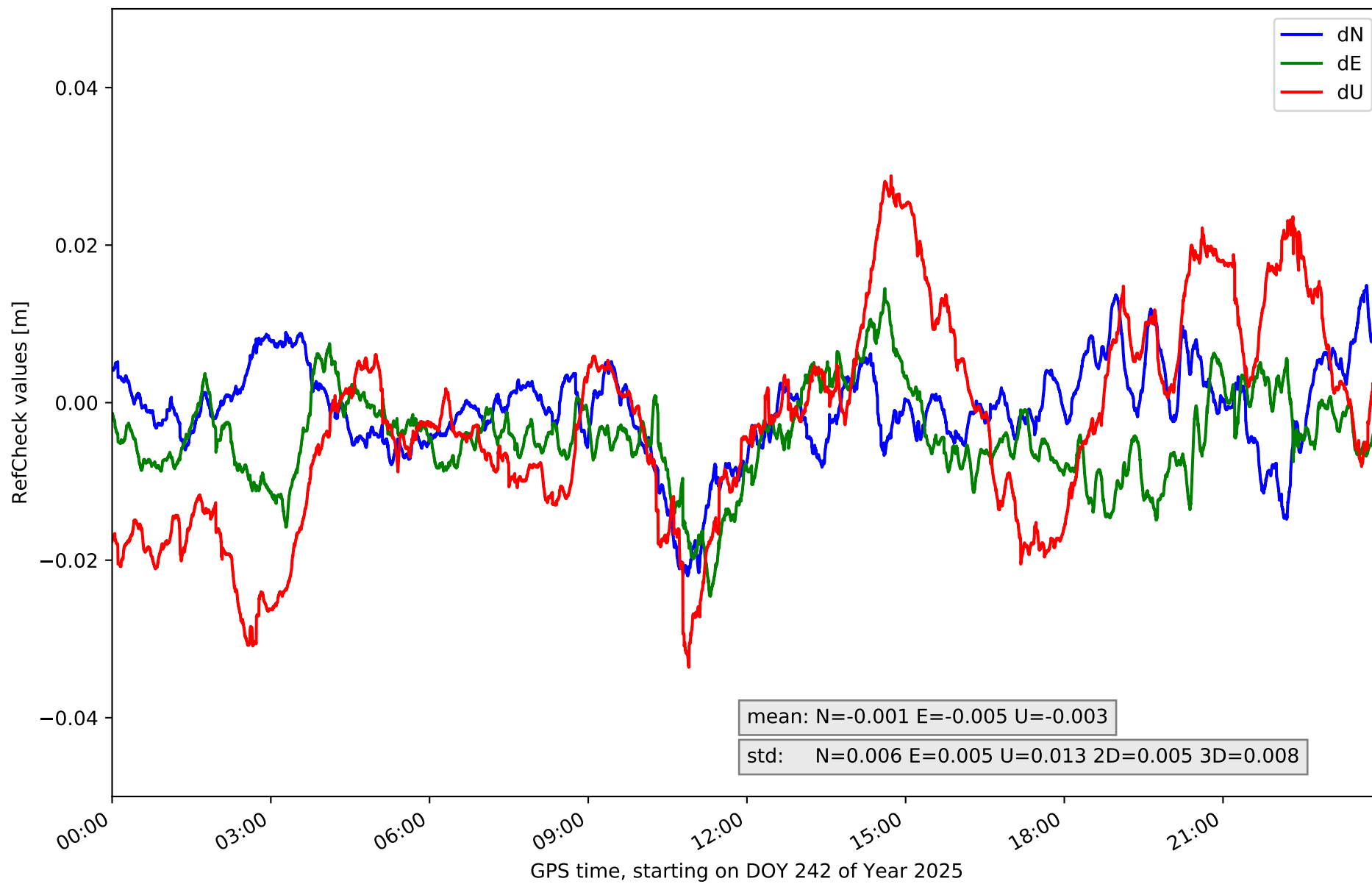
RefCheck for station VBLO in network NET6



RefCheck for station VEG1 in network NET6



RefCheck for station VIGO in network NET6



# RefCheck values for network NET6

| Station | Nmin   | Nmax  | Nstd  | Emin   | Emax  | Estd  | Umin   | Umax  | Ustd  | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|------------|-------------|------------|-------------|
| ASTO    | -0.014 | 0.011 | 0.005 | -0.03  | 0.012 | 0.006 | -0.035 | 0.06  | 0.014 | 0.004 | 0.009 | 10764      | 18.5        | 11897      | 20.5        |
| CNAR    | -0.018 | 0.018 | 0.006 | -0.015 | 0.017 | 0.007 | -0.021 | 0.048 | 0.014 | 0.004 | 0.01  | 19693      | 33.9        | 21093      | 36.3        |
| FRRL    | -0.025 | 0.015 | 0.005 | -0.022 | 0.033 | 0.006 | -0.06  | 0.027 | 0.012 | 0.005 | 0.007 | 56057      | 96.4        | 41091      | 70.7        |
| GRSL    | -0.013 | 0.011 | 0.004 | -0.013 | 0.015 | 0.006 | -0.036 | 0.029 | 0.016 | 0.003 | 0.008 | 6788       | 11.7        | 17136      | 29.5        |
| GUDI    | -0.015 | 0.02  | 0.005 | -0.024 | 0.012 | 0.006 | -0.043 | 0.04  | 0.015 | 0.005 | 0.009 | 9959       | 17.1        | 19988      | 34.4        |
| LNGS    | -0.024 | 0.004 | 0.004 | -0.024 | 0.007 | 0.005 | -0.036 | 0.009 | 0.008 | 0.004 | 0.006 | 49209      | 84.6        | 23835      | 41.0        |
| LUAR    | -0.022 | 0.016 | 0.005 | -0.017 | 0.025 | 0.007 | -0.043 | 0.058 | 0.016 | 0.005 | 0.01  | 17237      | 29.6        | 15606      | 26.8        |
| LUGO    | -0.009 | 0.023 | 0.005 | -0.016 | 0.019 | 0.005 | -0.015 | 0.061 | 0.014 | 0.004 | 0.01  | 13245      | 22.8        | 18622      | 32.0        |
| ORTG    | -0.016 | 0.011 | 0.005 | -0.031 | 0.025 | 0.006 | -0.028 | 0.032 | 0.009 | 0.005 | 0.006 | 10202      | 17.5        | 3891       | 6.7         |
| PONF    | -0.018 | 0.015 | 0.005 | -0.029 | 0.008 | 0.006 | -0.041 | 0.021 | 0.012 | 0.005 | 0.009 | 27931      | 48.0        | 16700      | 28.7        |
| PSBR    | -0.01  | 0.018 | 0.005 | -0.025 | 0.02  | 0.008 | -0.018 | 0.037 | 0.011 | 0.005 | 0.008 | 19599      | 33.7        | 13069      | 22.5        |
| RODI    | -0.01  | 0.017 | 0.004 | -0.031 | 0.008 | 0.005 | -0.034 | 0.029 | 0.01  | 0.005 | 0.006 | 8986       | 15.5        | 5161       | 8.9         |
| SALS    | -0.016 | 0.019 | 0.005 | -0.015 | 0.026 | 0.007 | -0.046 | 0.033 | 0.014 | 0.004 | 0.009 | 16014      | 27.5        | 20666      | 35.5        |
| SNTG    | -0.013 | 0.014 | 0.005 | -0.028 | 0.021 | 0.006 | -0.044 | 0.039 | 0.016 | 0.005 | 0.01  | 17019      | 29.3        | 19906      | 34.2        |
| VBLO    | -0.016 | 0.011 | 0.004 | -0.011 | 0.023 | 0.005 | -0.033 | 0.021 | 0.01  | 0.004 | 0.005 | 8905       | 15.3        | 3772       | 6.5         |
| VEG1    | -0.018 | 0.012 | 0.006 | -0.023 | 0.009 | 0.007 | -0.042 | 0.054 | 0.022 | 0.005 | 0.011 | 29536      | 50.8        | 33873      | 58.3        |
| VIGO    | -0.022 | 0.015 | 0.006 | -0.025 | 0.015 | 0.005 | -0.034 | 0.029 | 0.013 | 0.005 | 0.008 | 12559      | 21.6        | 11294      | 19.4        |
| Mean    | -0.016 | 0.015 | 0.005 | -0.022 | 0.017 | 0.006 | -0.036 | 0.037 | 0.013 | 0.005 | 0.008 | 19629.6    | 33.8        | 17505.9    | 30.1        |
| Min/Max | -0.025 | 0.023 | 0.006 | -0.031 | 0.033 | 0.008 | -0.06  | 0.061 | 0.022 | 0.005 | 0.011 | 56057      | 96.4        | 41091      | 70.7        |

## fixing statistic for network NET6

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 90.3     | 92.9 | 86.8 | 94.9 | 85.7 |
| considering satellites with dual-frequency fixed | 88.3     | 90.4 | 82.9 | 91.7 | 86.3 |
| considering all signals separately               | 88.9     | 90.8 | 82.9 | 92.1 | 85.6 |