# summary for network NET6

timeperiod chosen: from 2026-10-23-00:00:00 until 2026-10-23-23:59:58

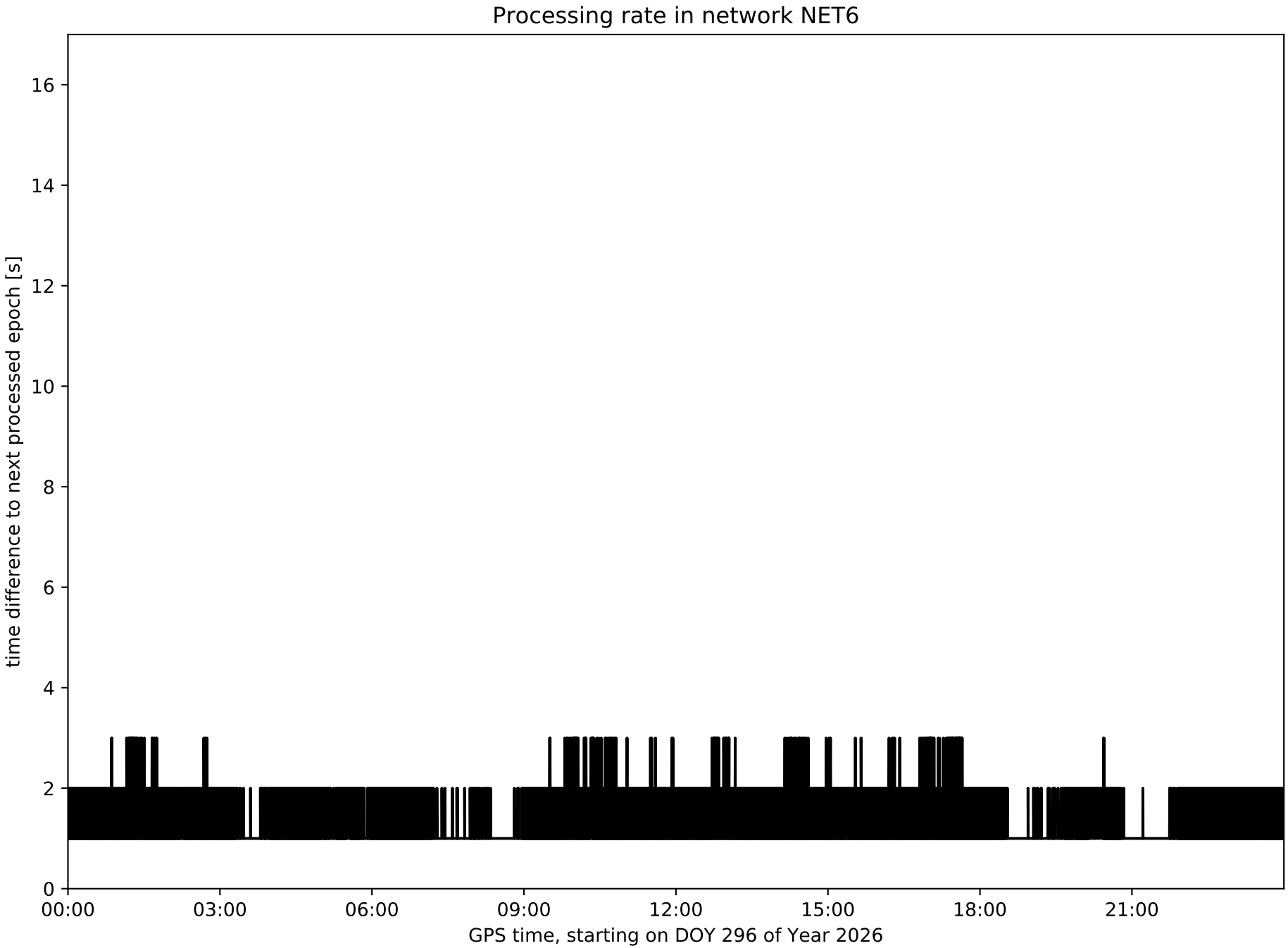
average update rate (durations larger than 15 seconds considered as observation gap): 1.2 seconds

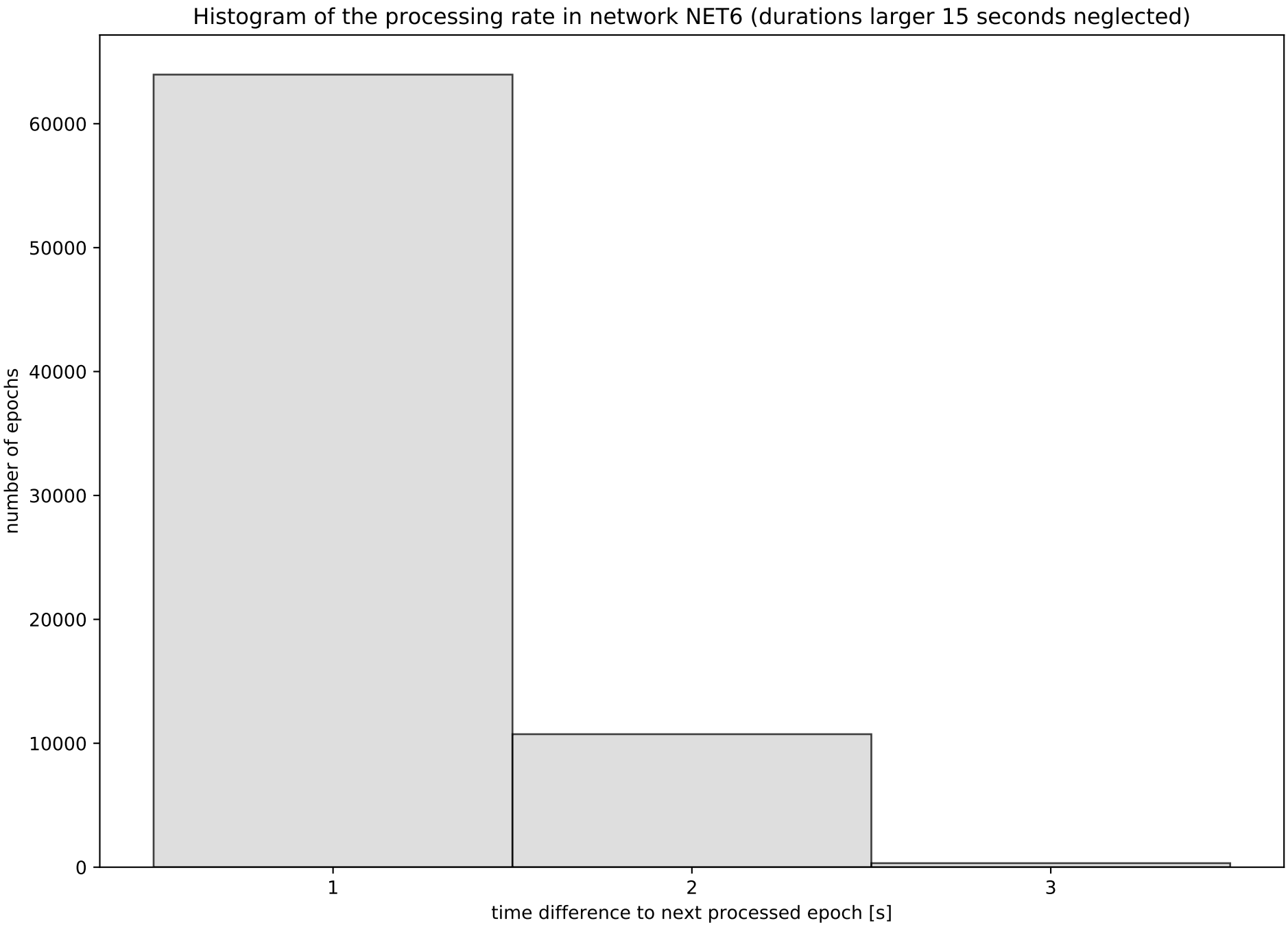
average fixing percentage with threshold set to 0.3: 94.6 percent

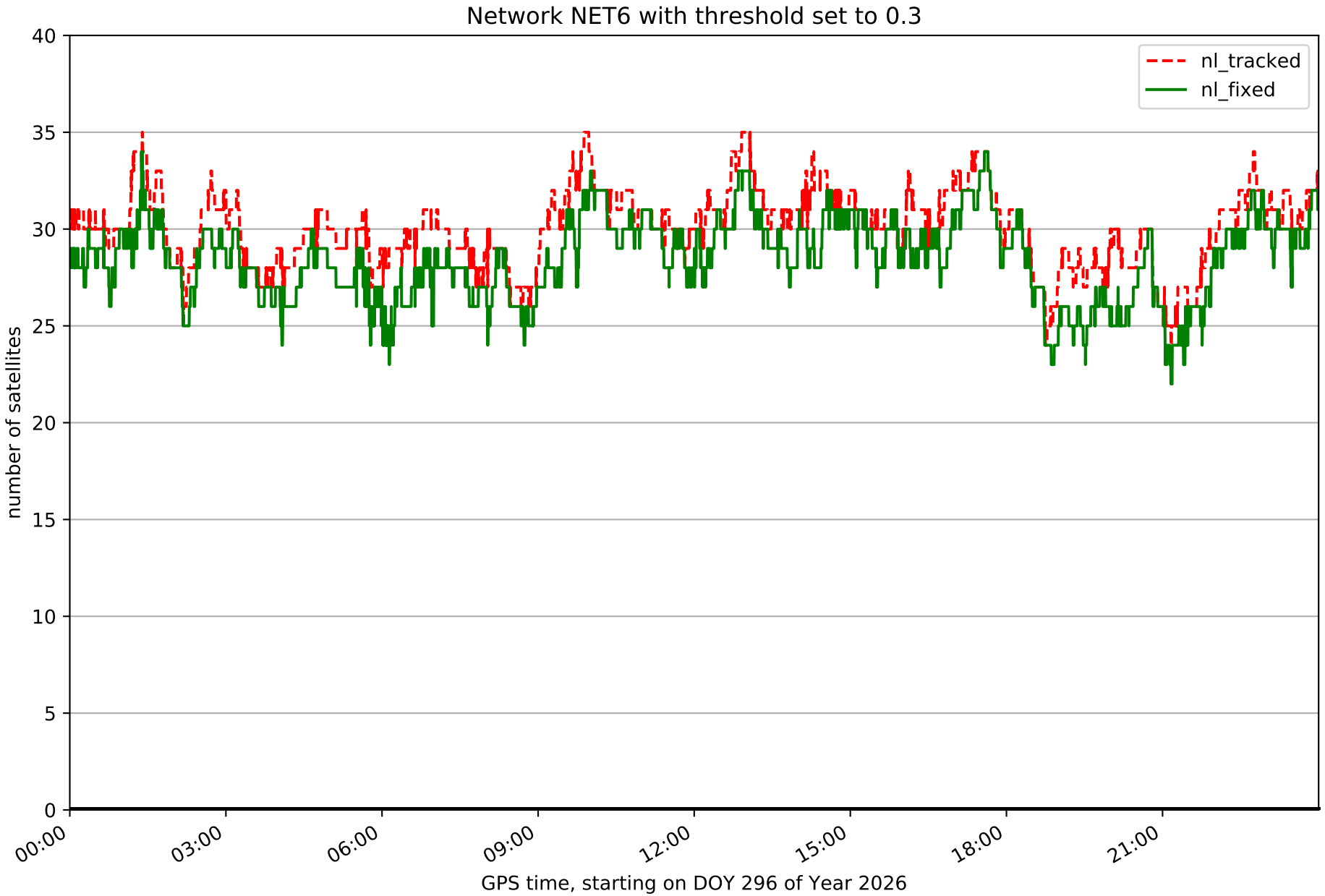
stations available: 18 of 18

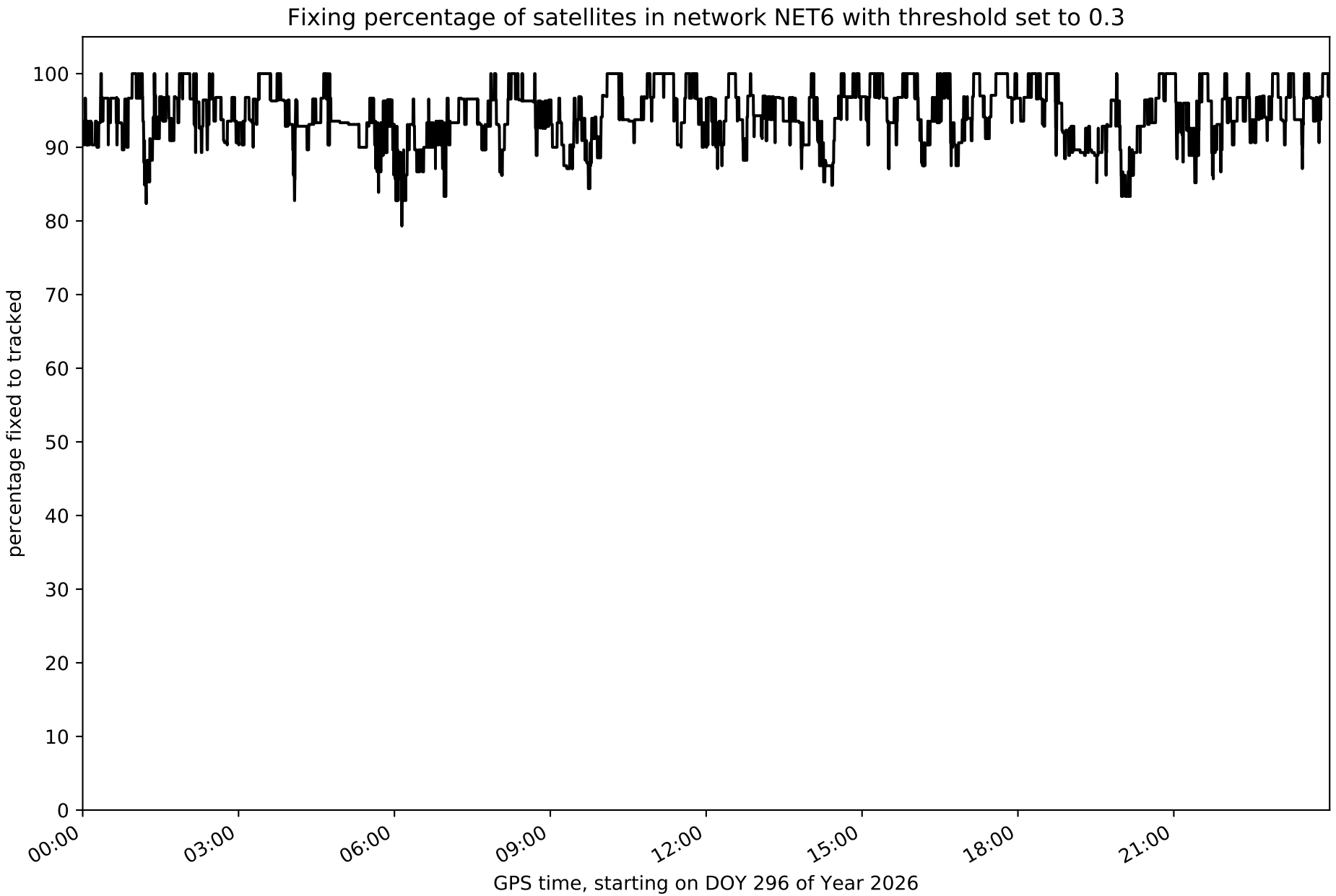
station information:

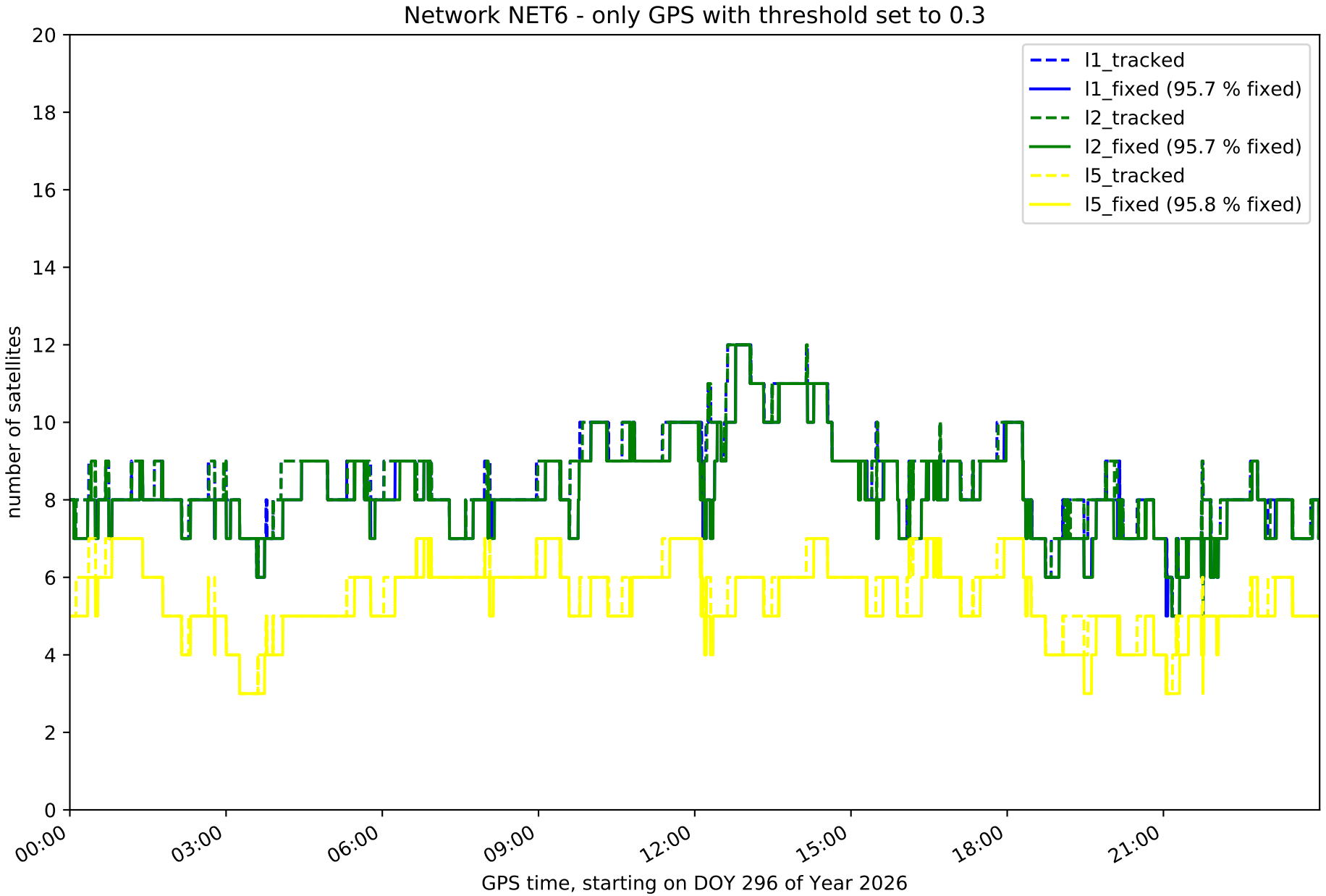
| | | | |
|---|---|---|---|
| station ASTO: | antenna: GPPNULLANTENNA NONE | receiver: LEICA GR50 | height: 940.601 |
| station BURB: | antenna: LEIAR20 LEIM | receiver: LEICA GR10 | height: 1051.549 |
| station CNAR: | antenna: LEIAR20 LEIM | receiver: LEICA GR50 | height: 479.396 |
| station FRRL: | antenna: LEIAR20 LEIM | receiver: LEICA GR25 | height: 111.681 |
| station GRSL: | antenna: LEIAR20 LEIM | receiver: LEICA GR50 | height: 691.324 |
| station GUDI: | antenna: TRM57971.00 TZGD | receiver: TRIMBLE NETR9 | height: 1074.701 |
| station LNG1: | antenna: LEIAR20 LEIM | receiver: LEICA GR50 | height: 62.457 |
| station LUAR: | antenna: LEIAR20 LEIM | receiver: LEICA GR50 | height: 131.918 |
| station LUGO: | antenna: LEIAR25.R3 LEIT | receiver: LEICA GR10 | height: 476.657 |
| station ORTG: | antenna: LEIAR20 LEIM | receiver: LEICA GR50 | height: 66.498 |
| station PONF: | antenna: TRM59900.00 SCIS | receiver: TRIMBLE NETR9 | height: 639.797 |
| station PSBR: | antenna: TRM59900.00 SCIS | receiver: TRIMBLE NETR9 | height: 992.03 |
| station RODI: | antenna: TRM59900.00 SCIS | receiver: TRIMBLE NETR9 | height: 1033.43 |
| station SALS: | antenna: TPSCR.G5 TPSH | receiver: TPS NET-G5 | height: 294.403 |
| station SNTG: | antenna: LEIAR25.R4 LEIT | receiver: LEICA GR50 | height: 312.789 |
| station VBLO: | antenna: LEIAR20 LEIM | receiver: LEICA GR50 | height: 1056.603 |
| station VEG1: | antenna: TRM59900.00 SCIS | receiver: TRIMBLE NETR9 | height: 78.439 |
| station VIGO: | antenna: TRM59900.00 SCIS | receiver: TRIMBLE NETR9 | height: 87.747 |

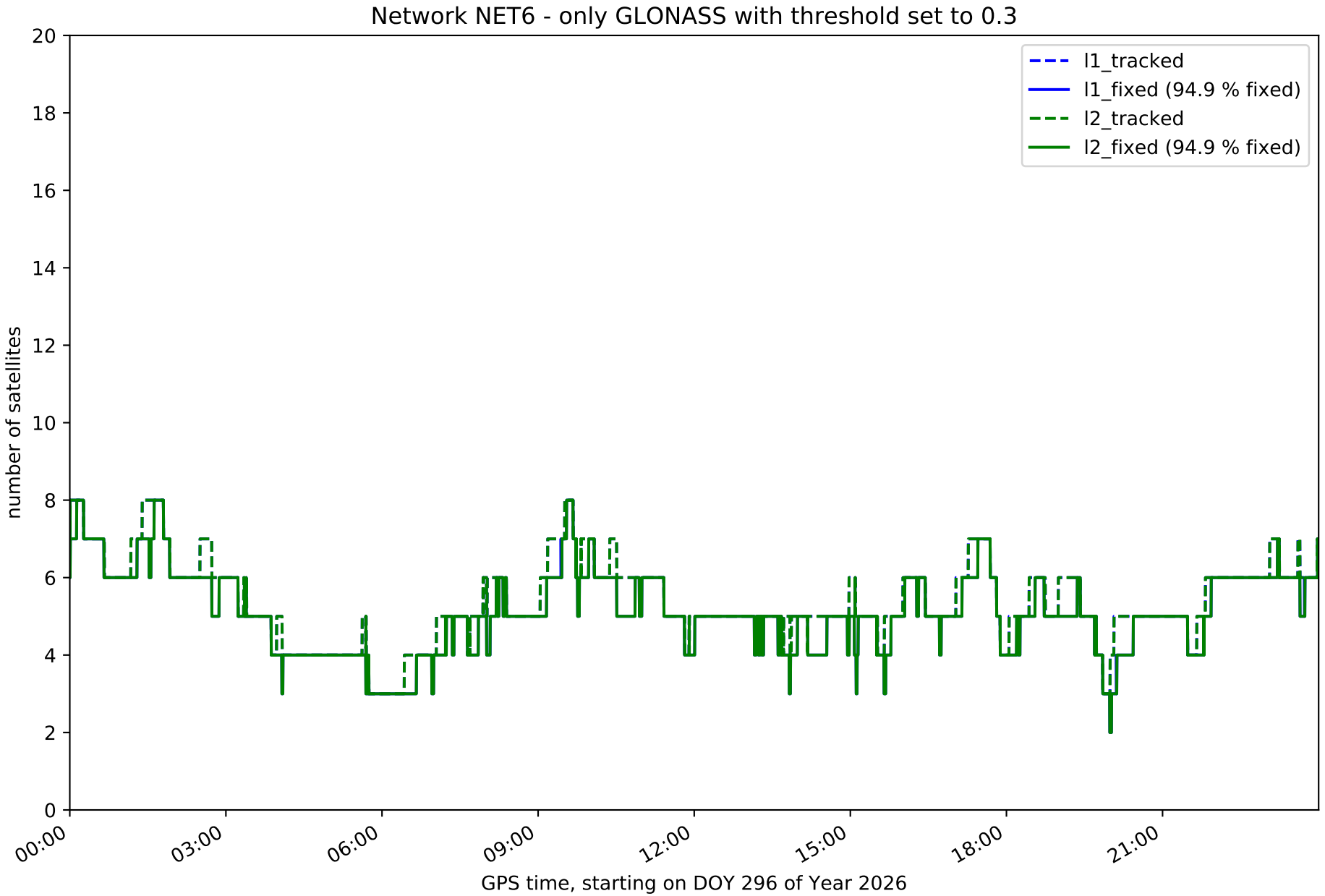

Processing rate in network NET6
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

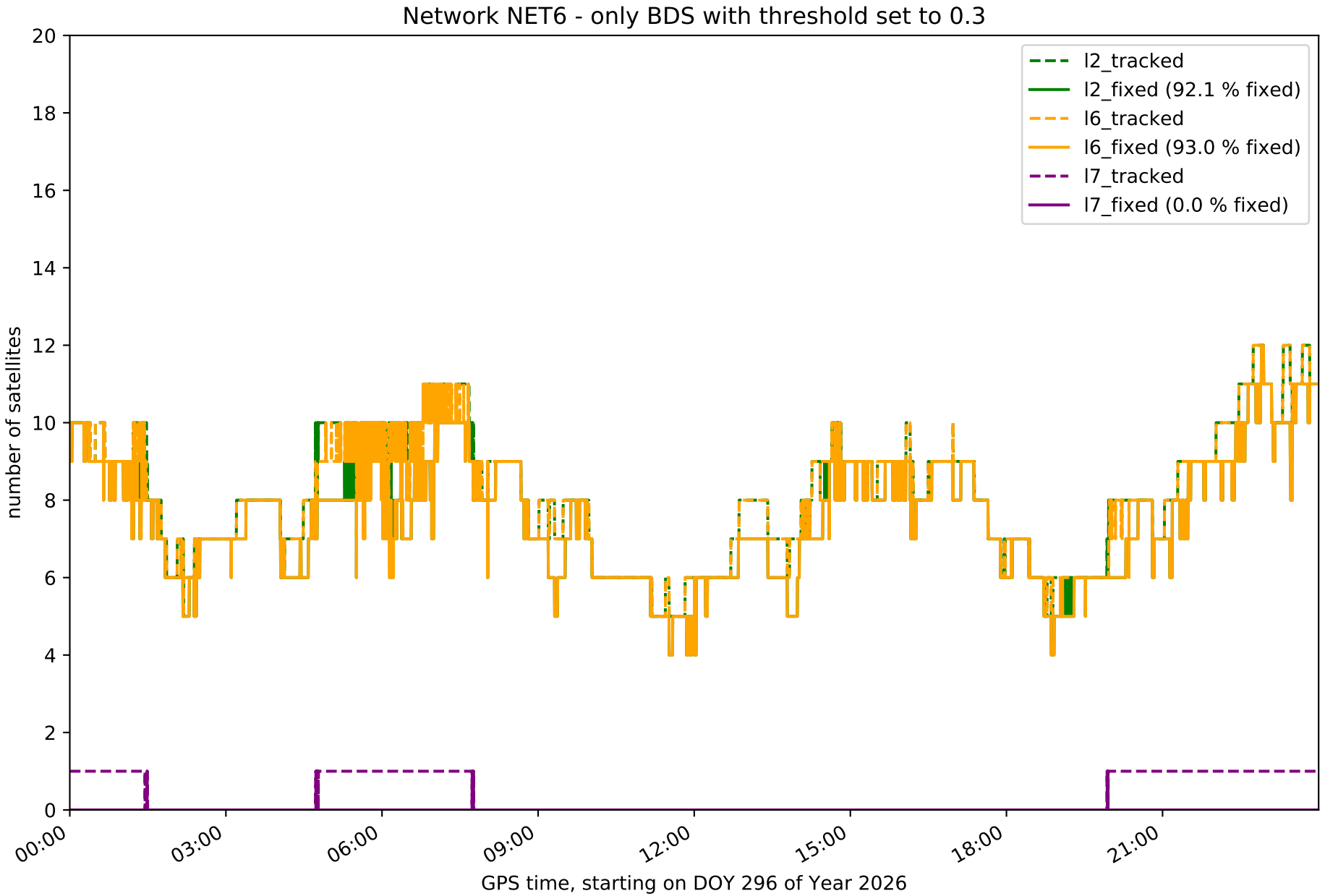

Histogram of the processing rate in network NET6 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
1
2
3
time difference to next processed epoch [s]

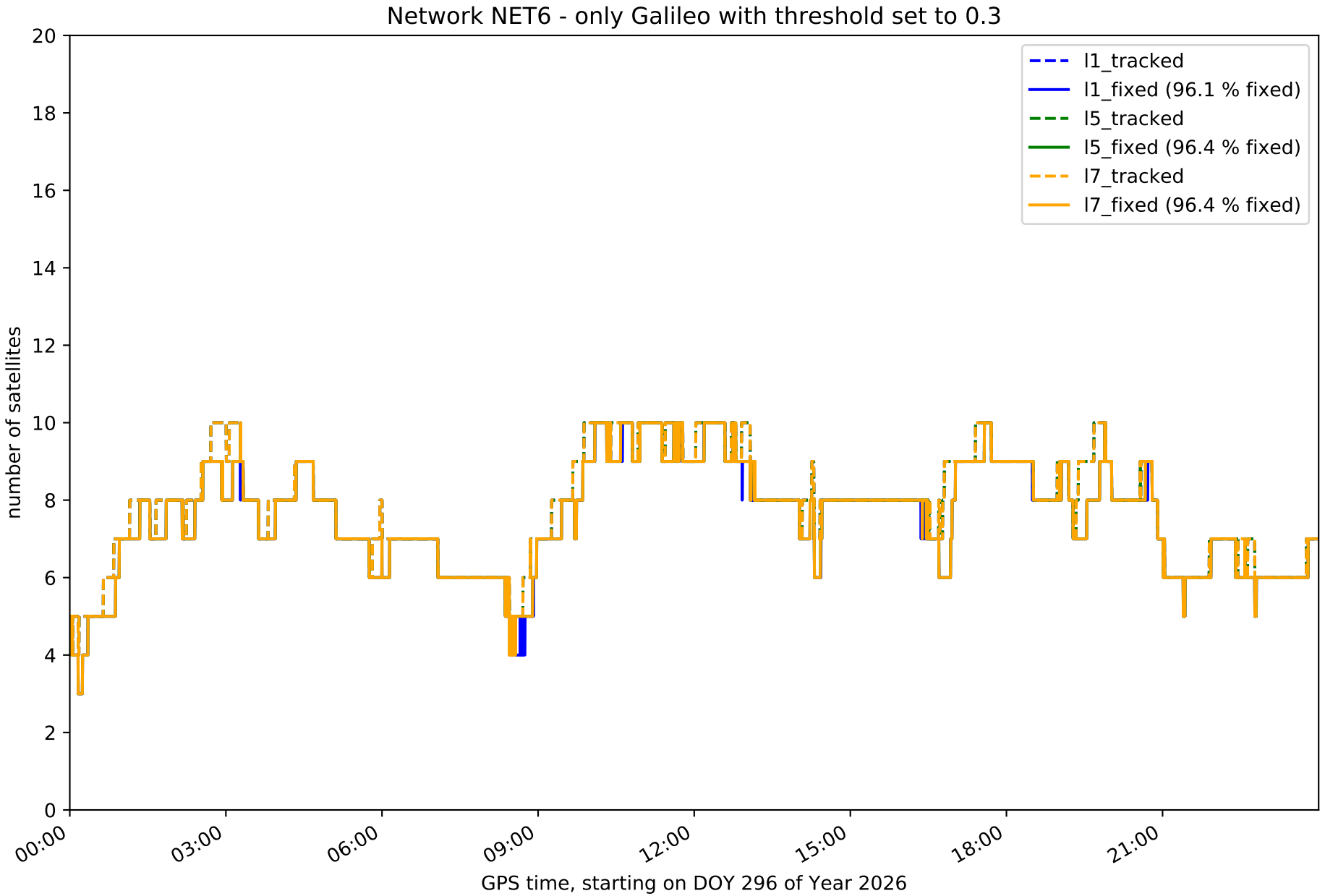

Network NET6 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

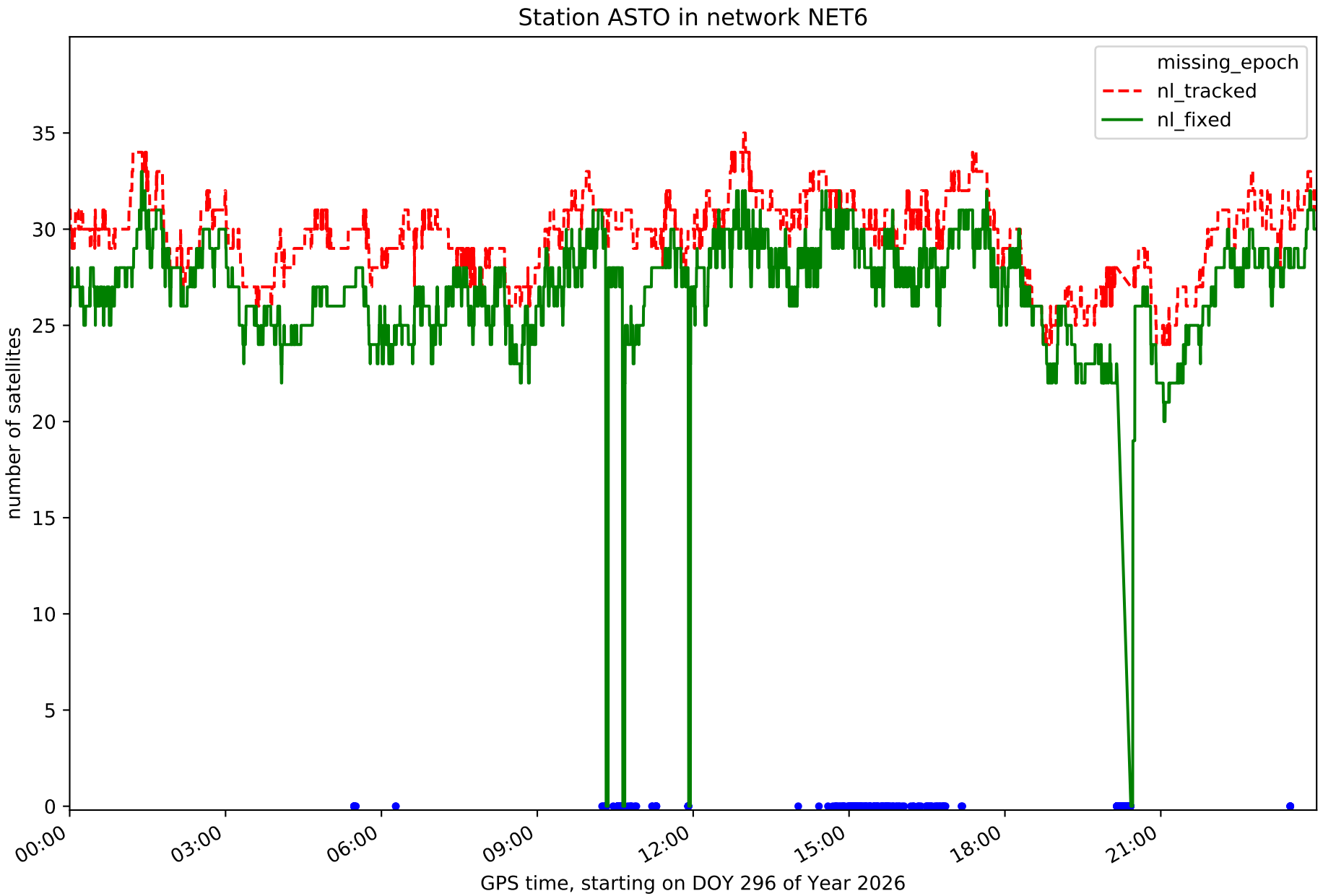

Fixing percentage of satellites in network NET6 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

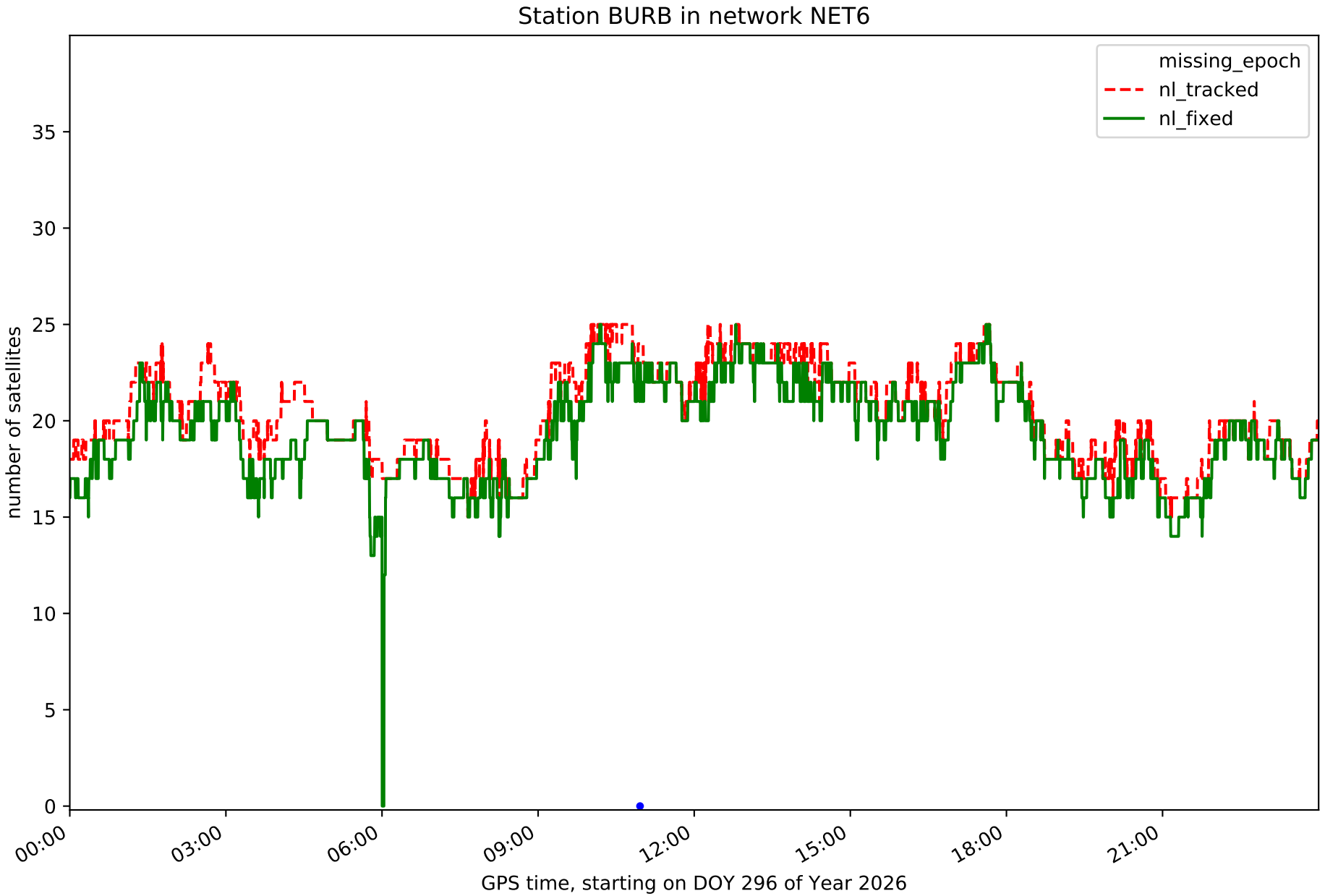

Network NET6 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 296 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (95.7 % fixed)
l2_tracked
l2_fixed (95.7 % fixed)
l5_tracked
l5_fixed (95.8 % fixed)

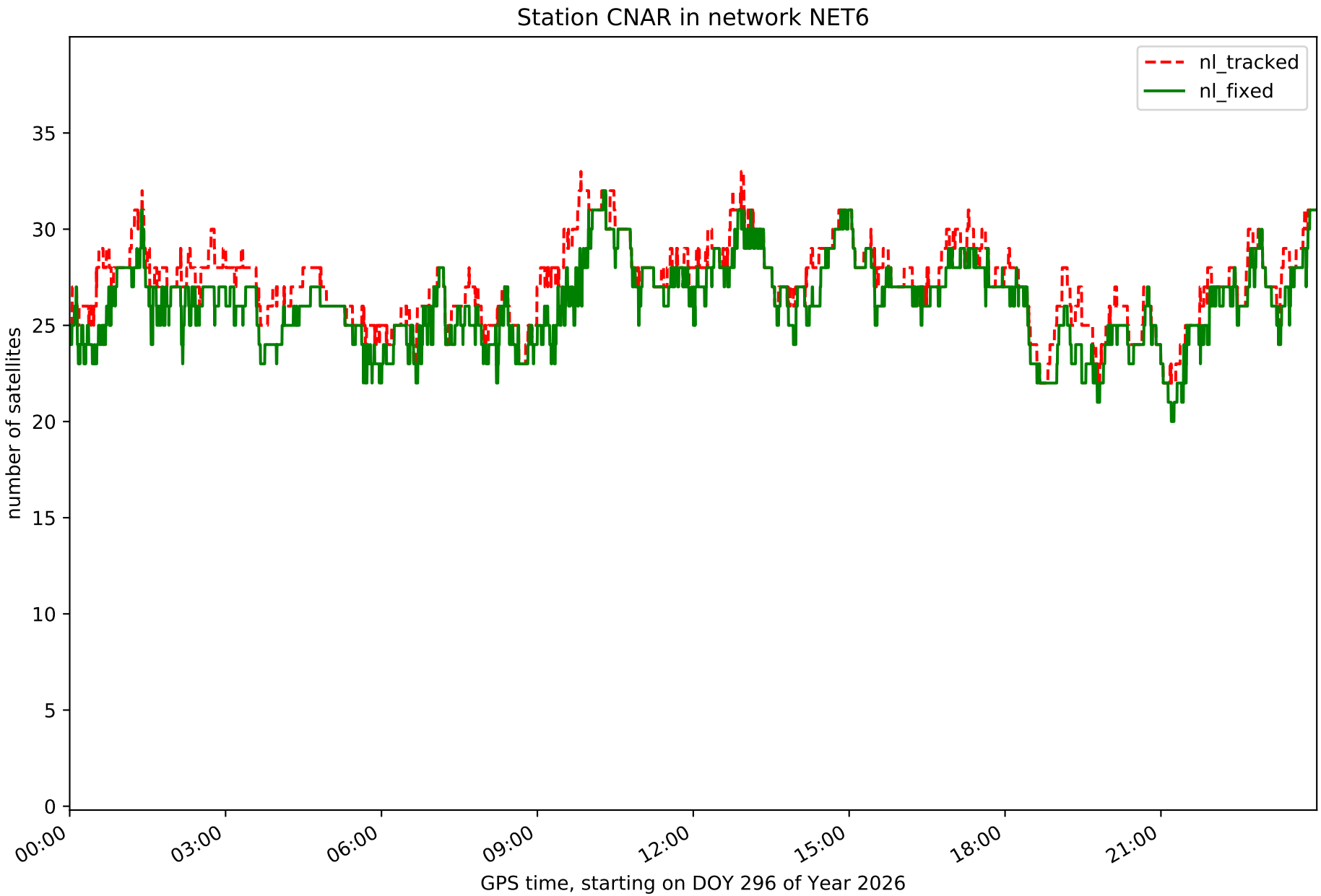

Network NET6 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (94.9 % fixed)
l2_tracked
l2_fixed (94.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

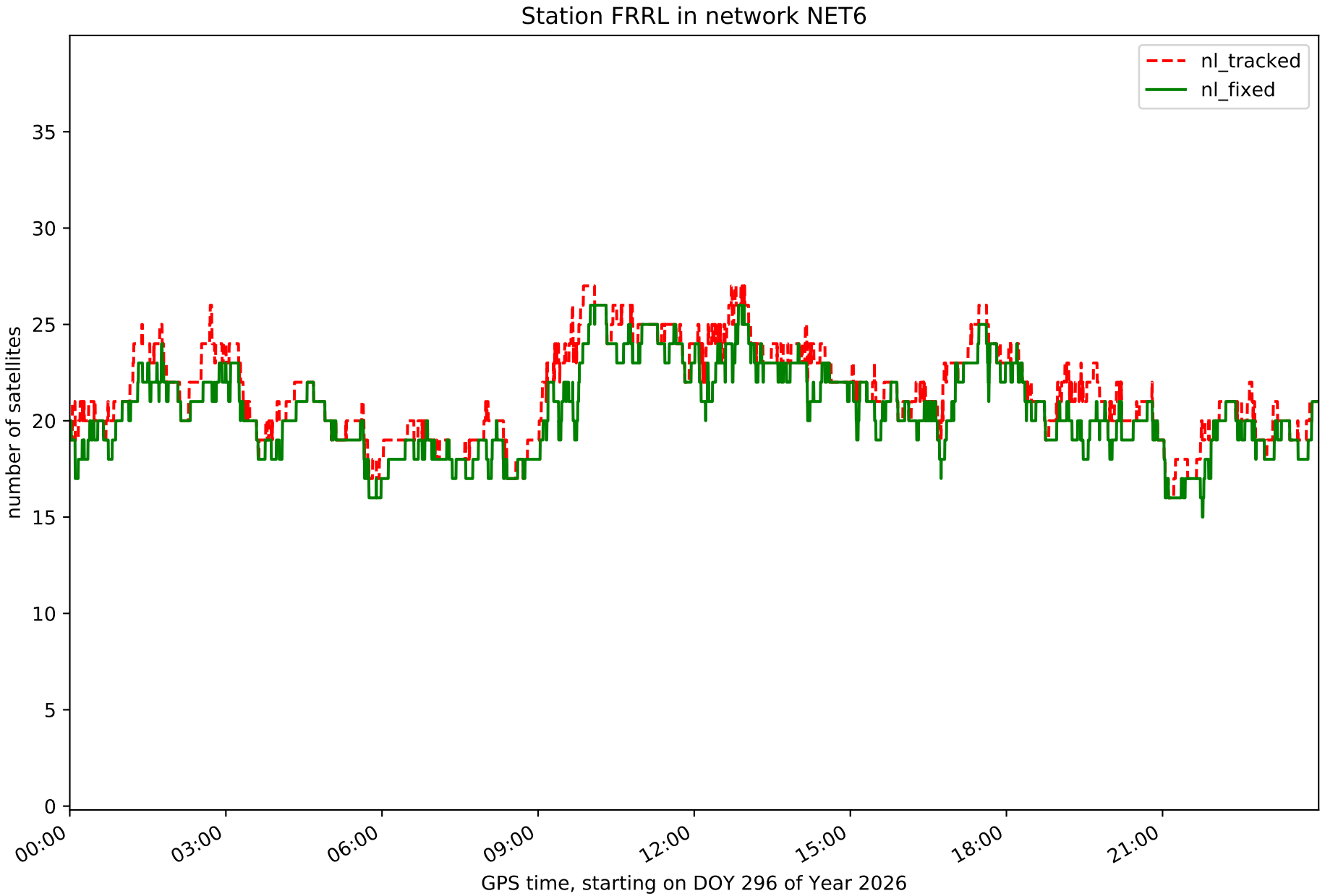

Network NET6 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 296 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (92.1 % fixed)
I6_tracked
I6_fixed (93.0 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

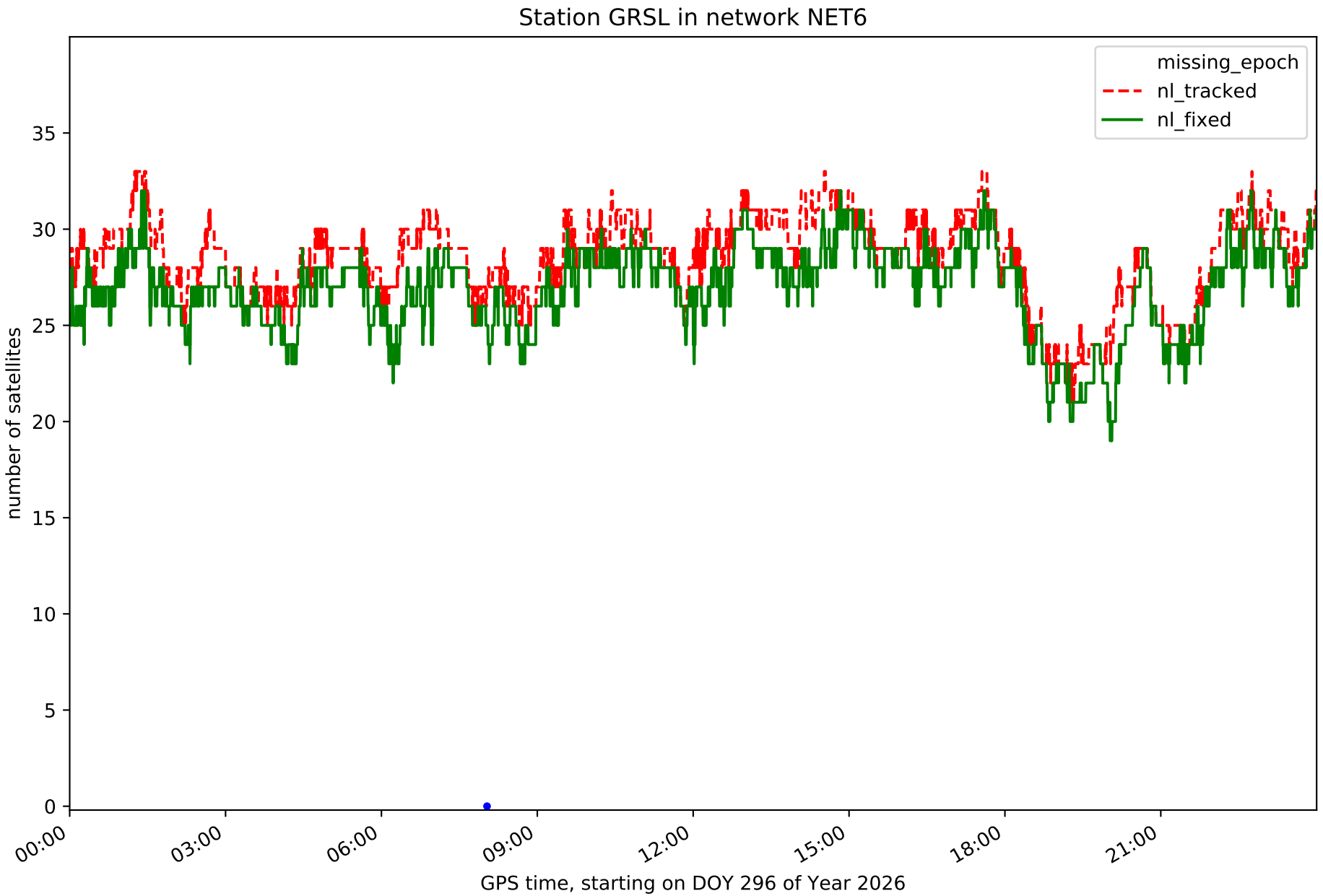

Network NET6 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 296 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (96.1 % fixed)
l5_tracked
l5_fixed (96.4 % fixed)
l7_tracked
l7_fixed (96.4 % fixed)

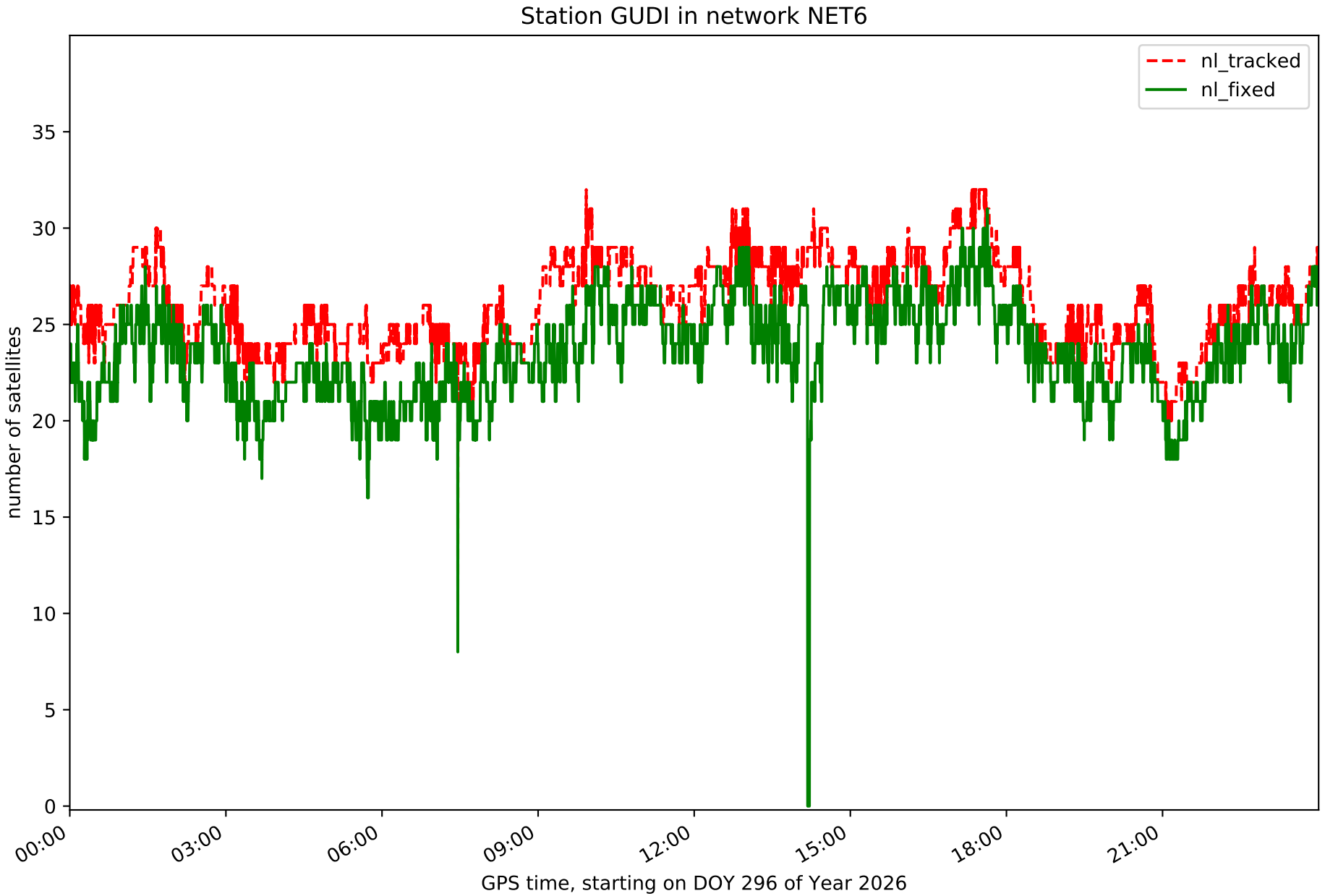

Station ASTO in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

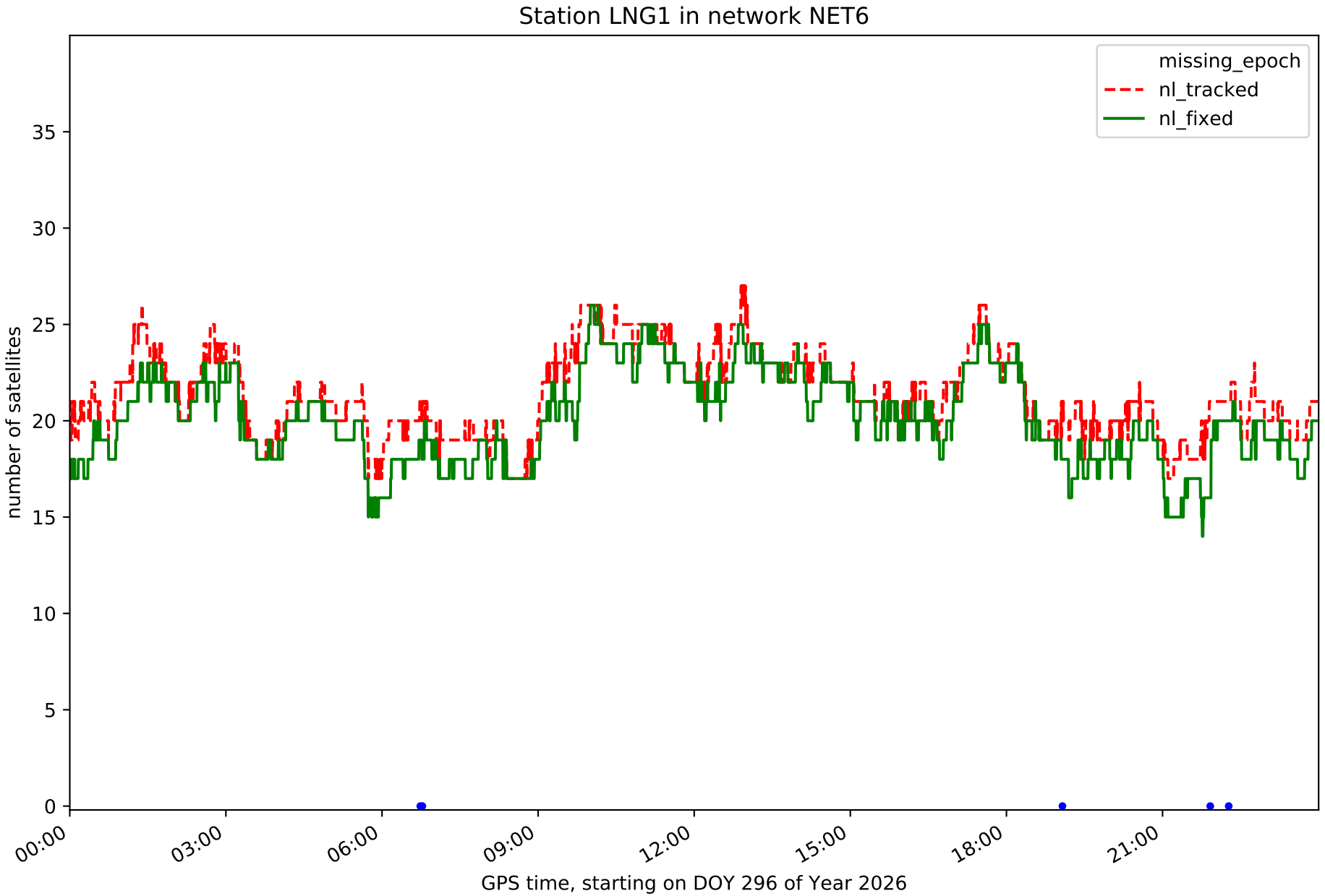

Station BURB in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

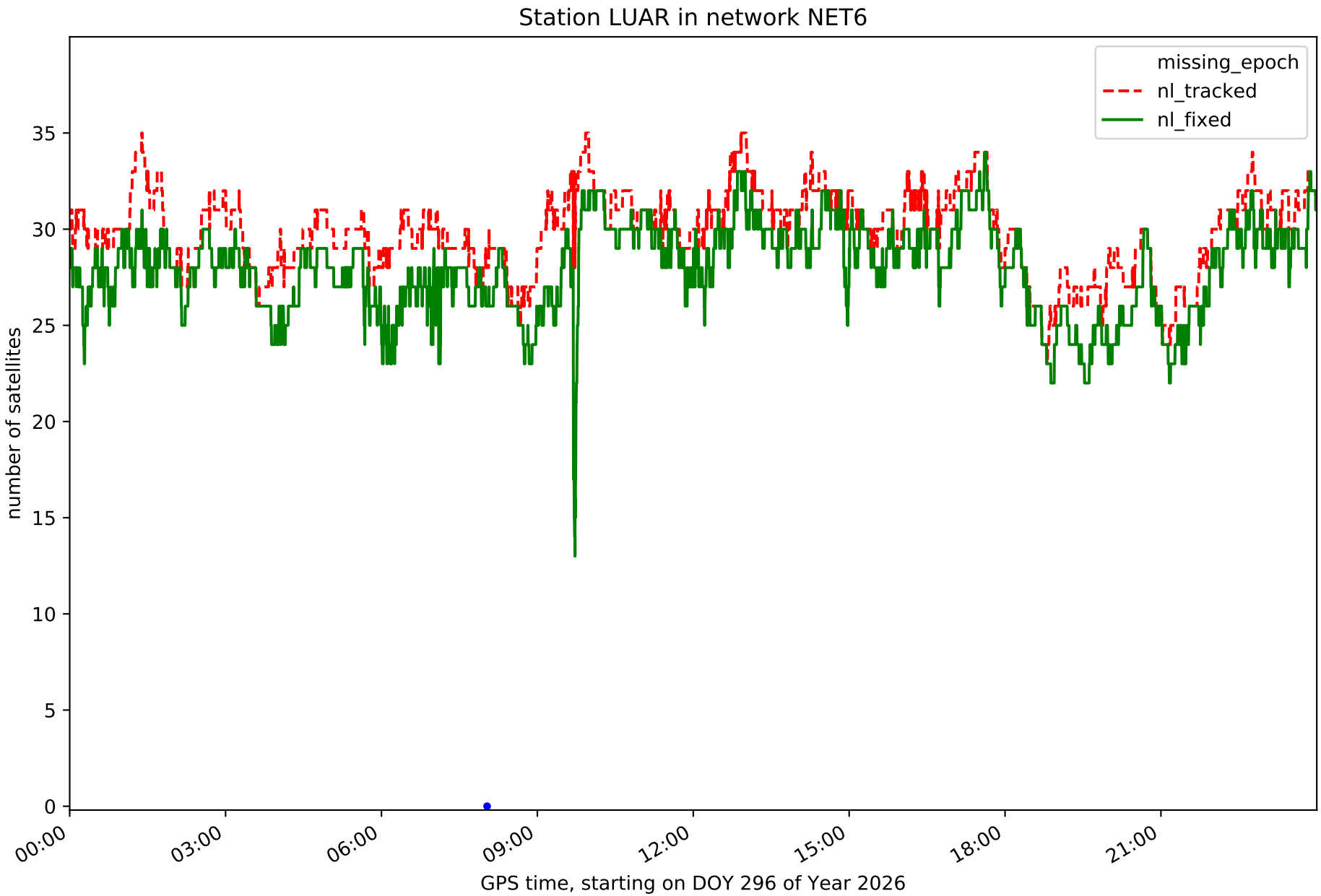

Station CNAR in network NET6
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

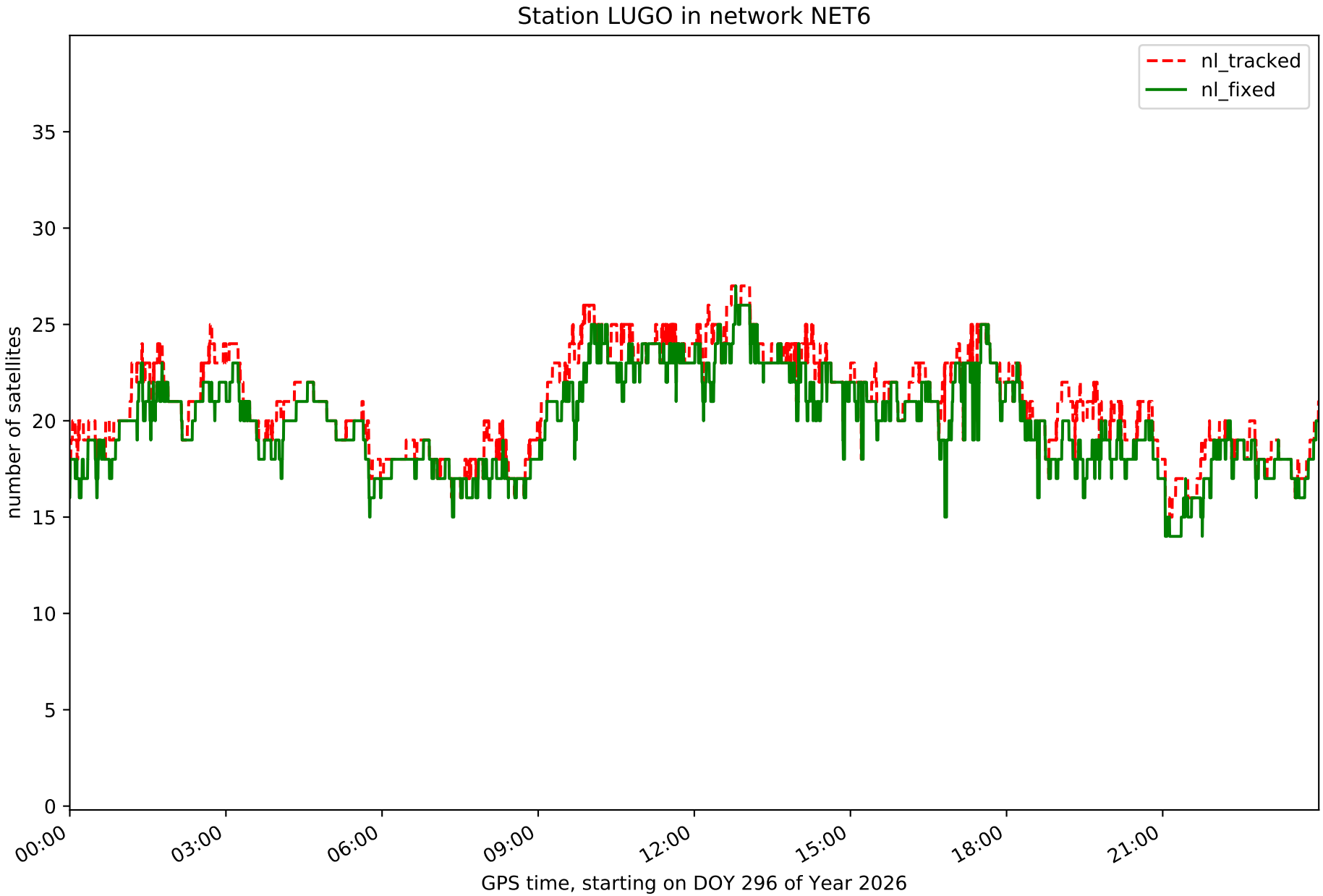

Station FRRL in network NET6
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

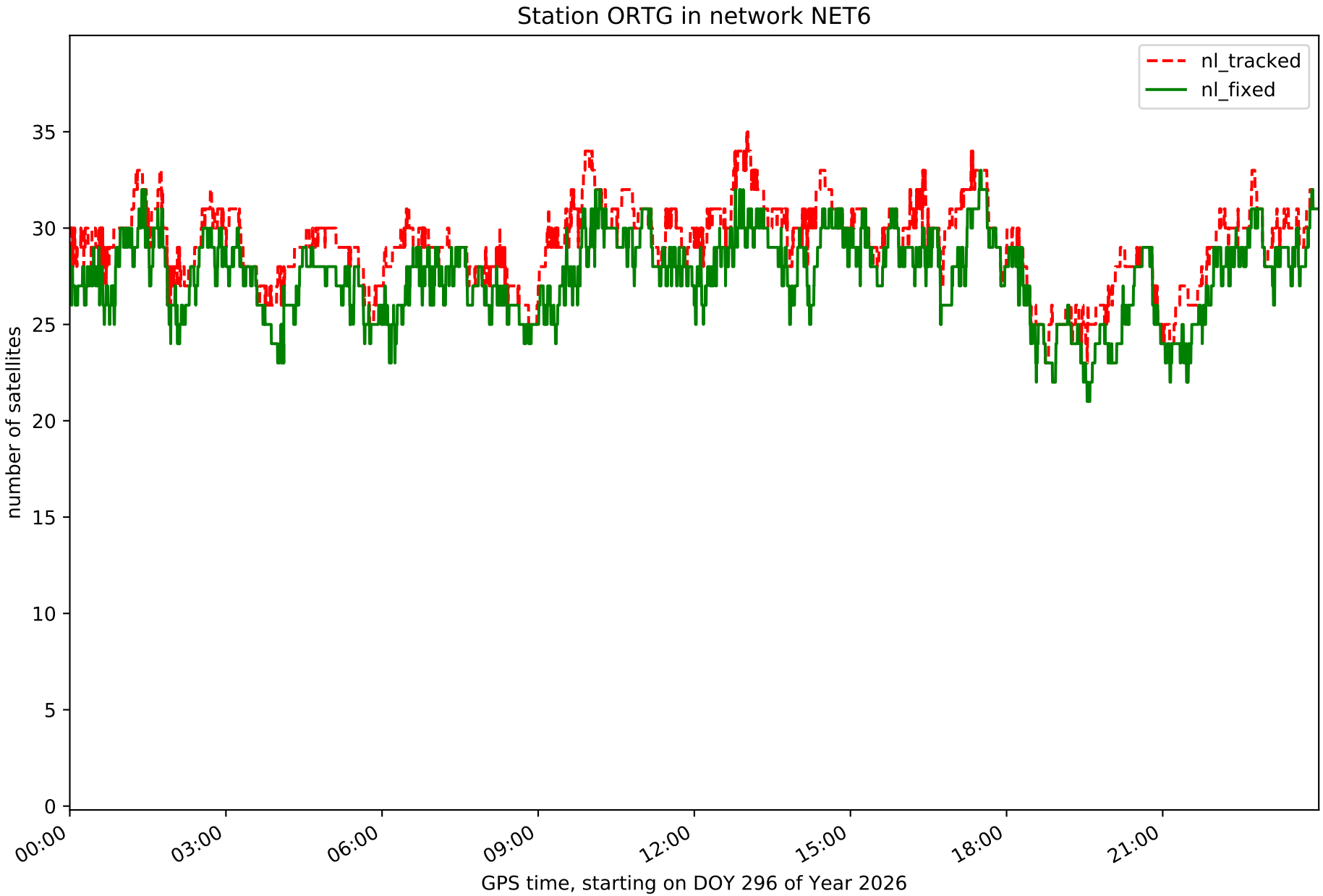

Station GRSL in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

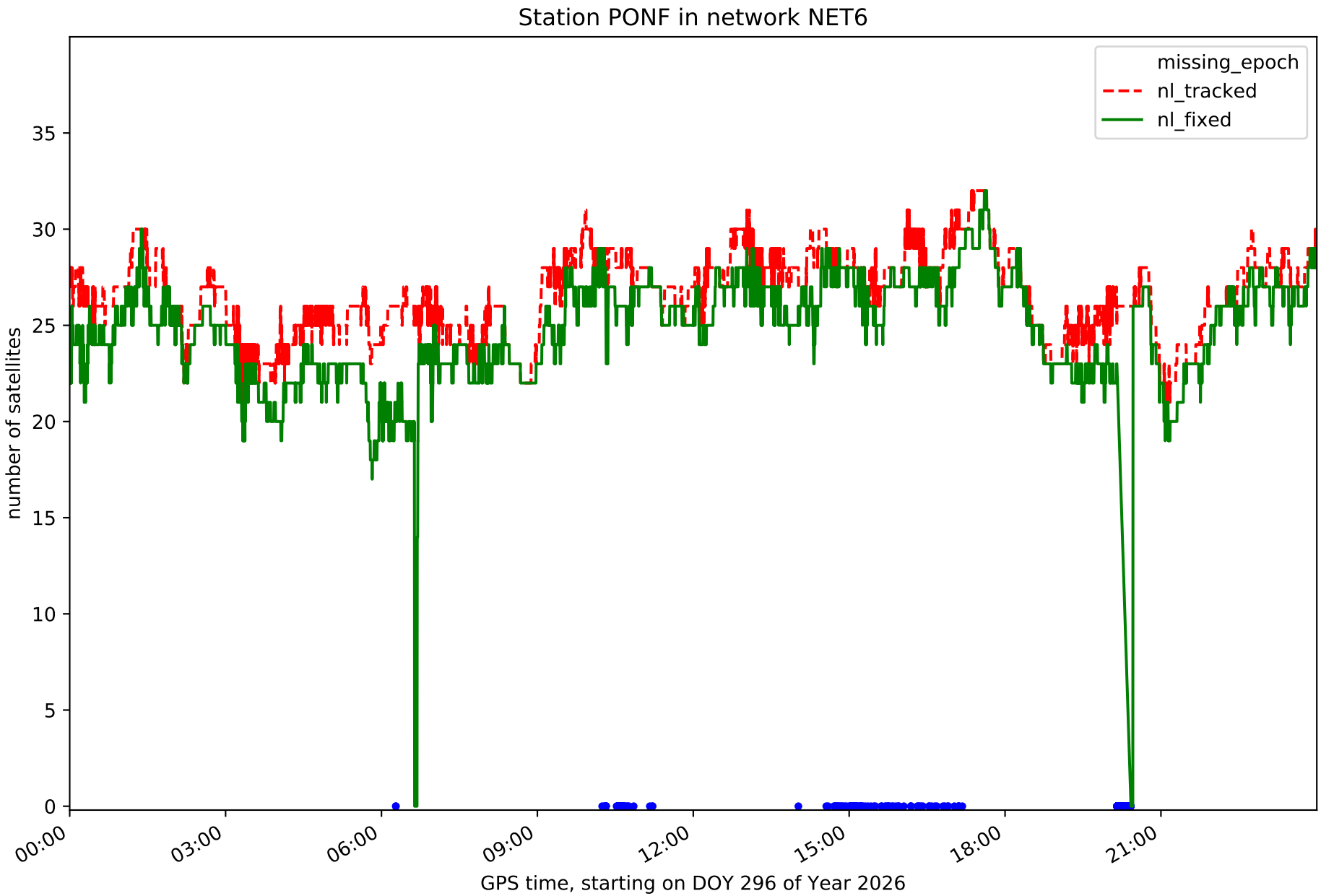

Station GUDI in network NET6
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

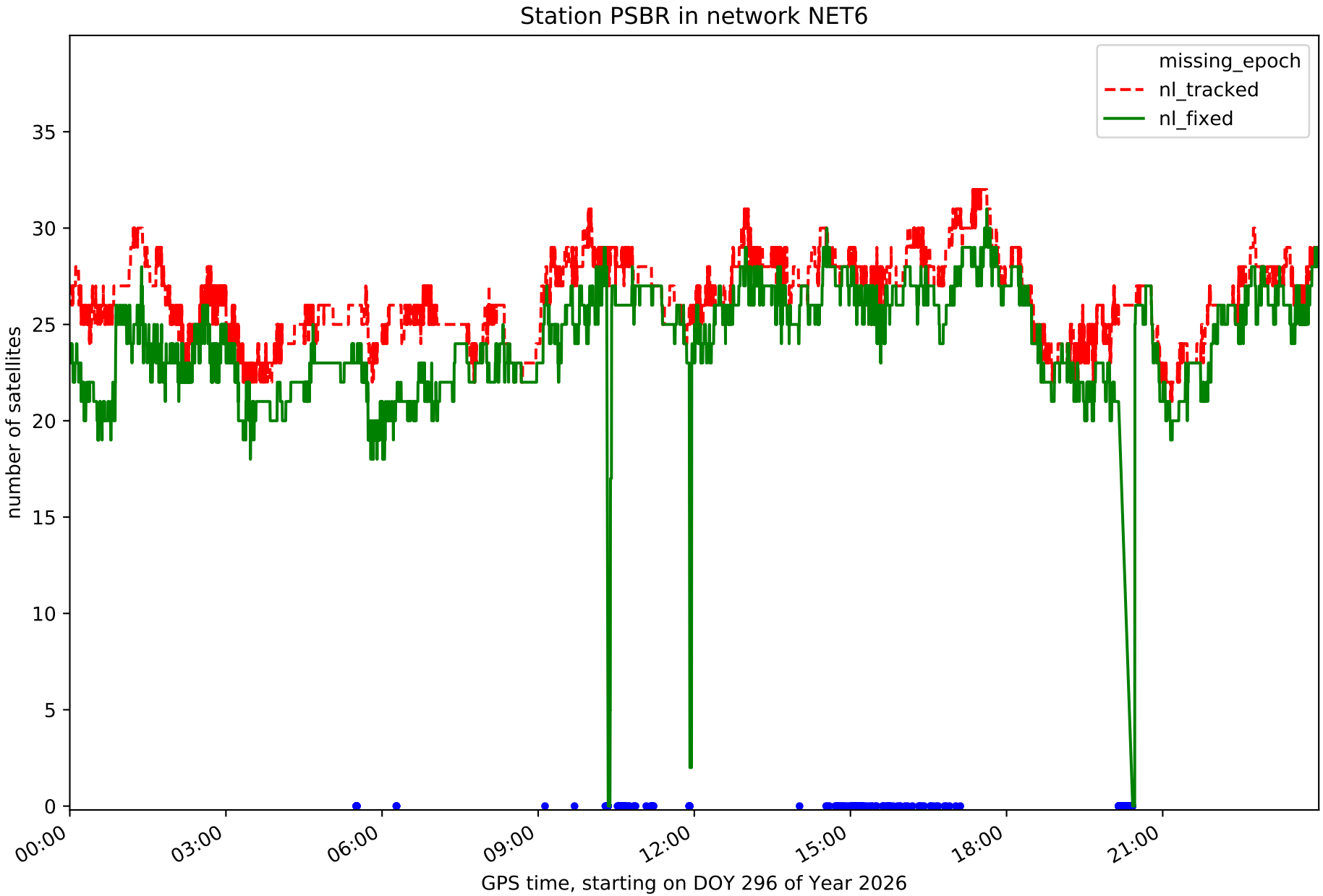

Station LNG1 in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

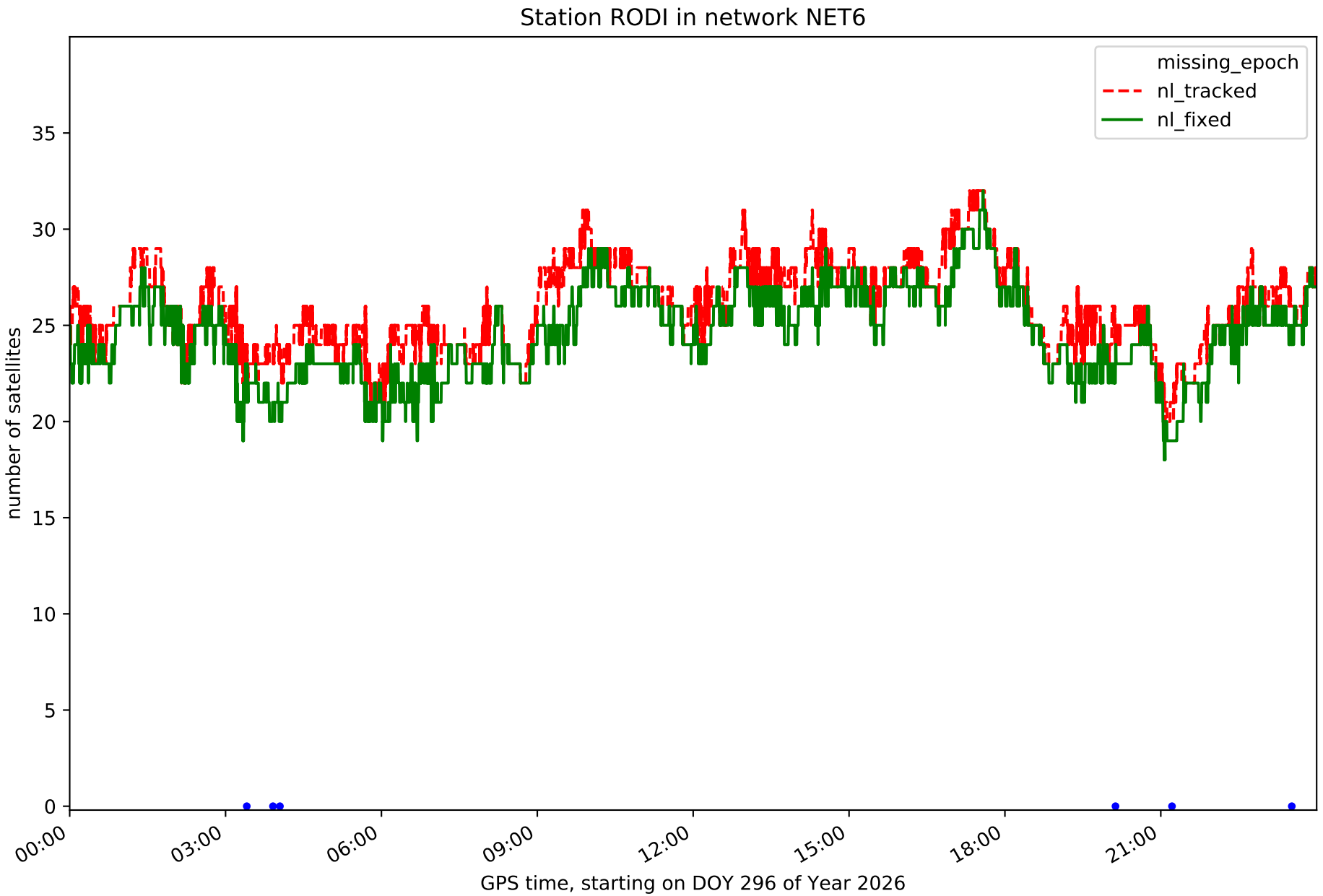

Station LUAR in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

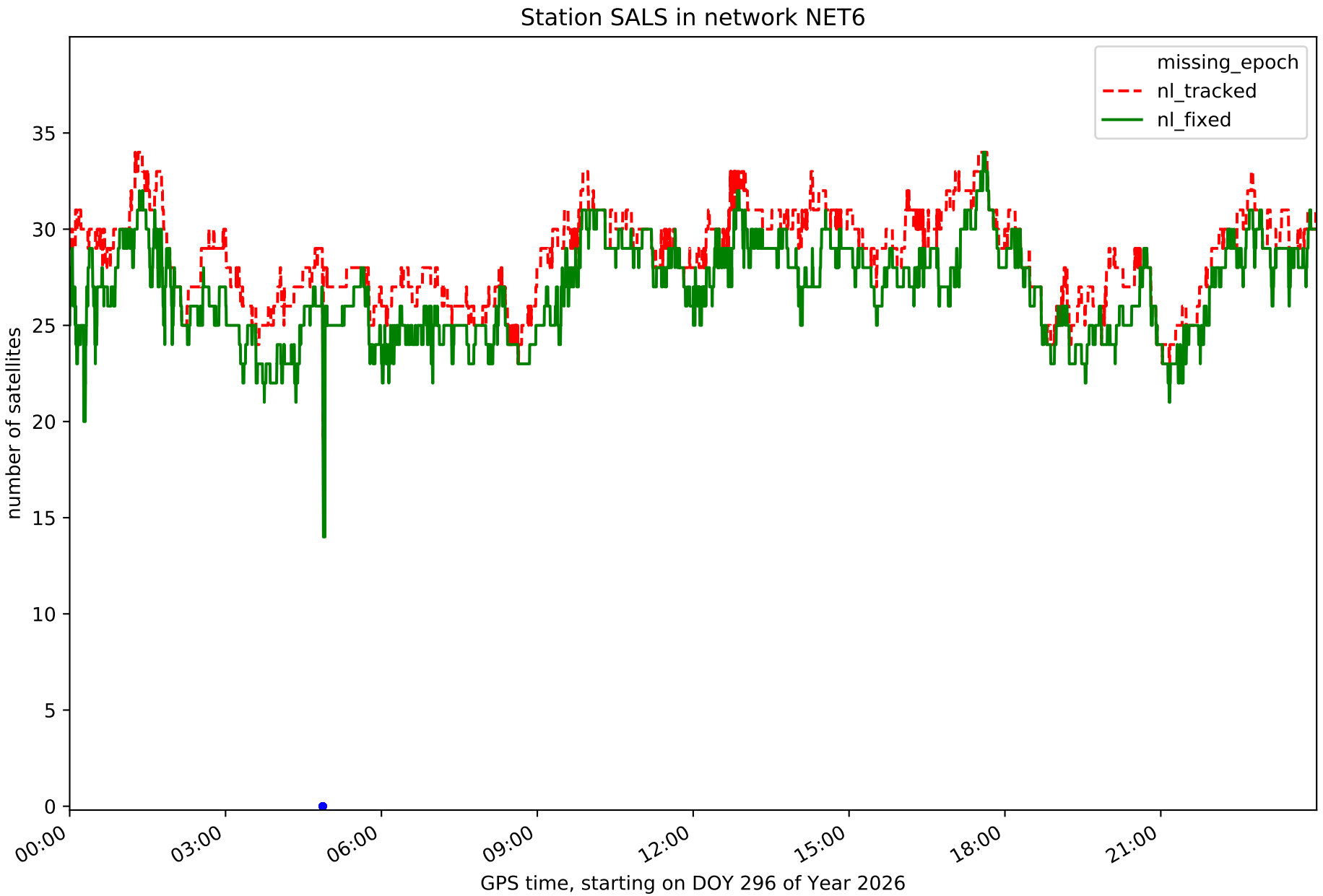

Station LUGO in network NET6
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

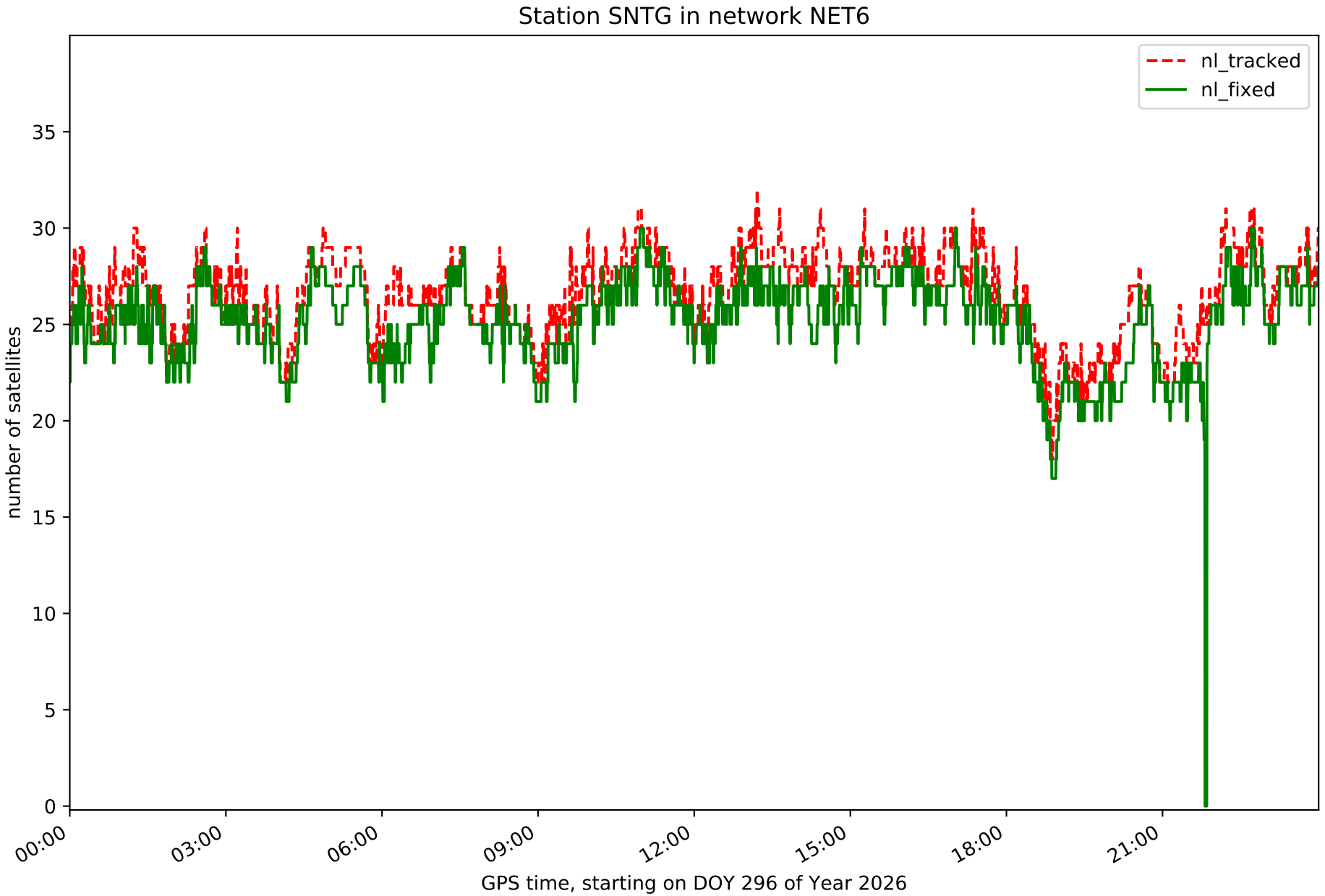

Station ORTG in network NET6
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

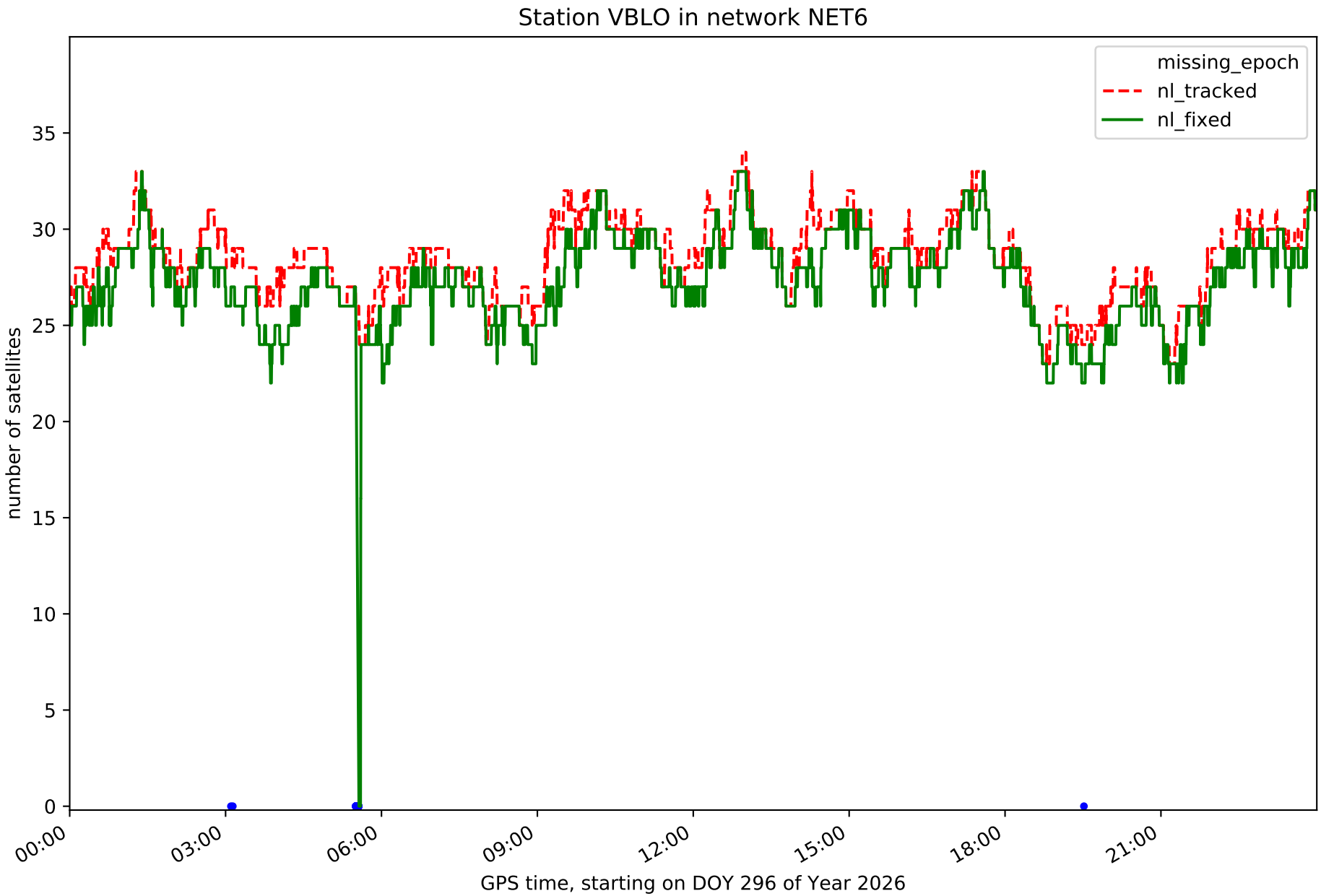

Station PONF in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

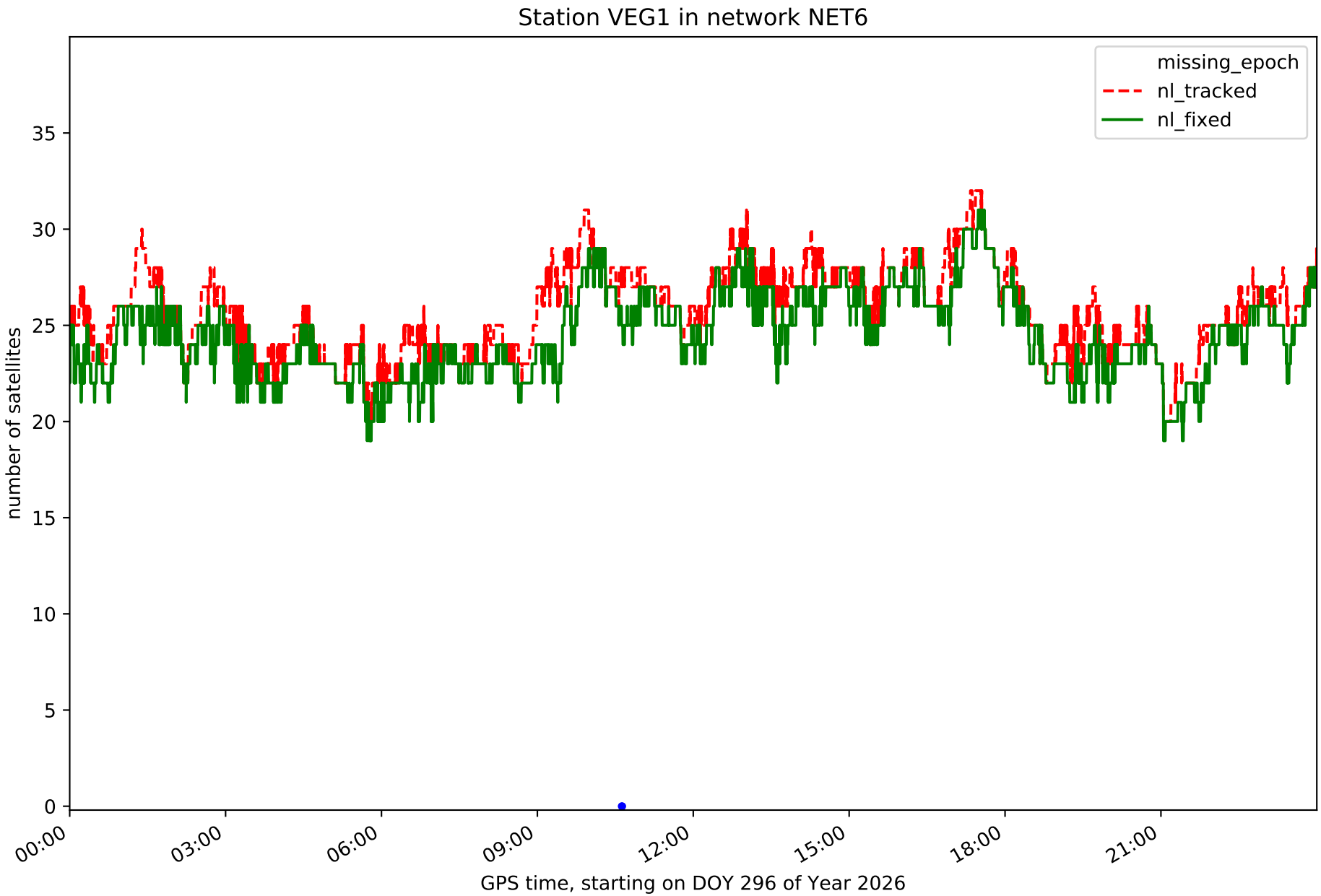

Station PSBR in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

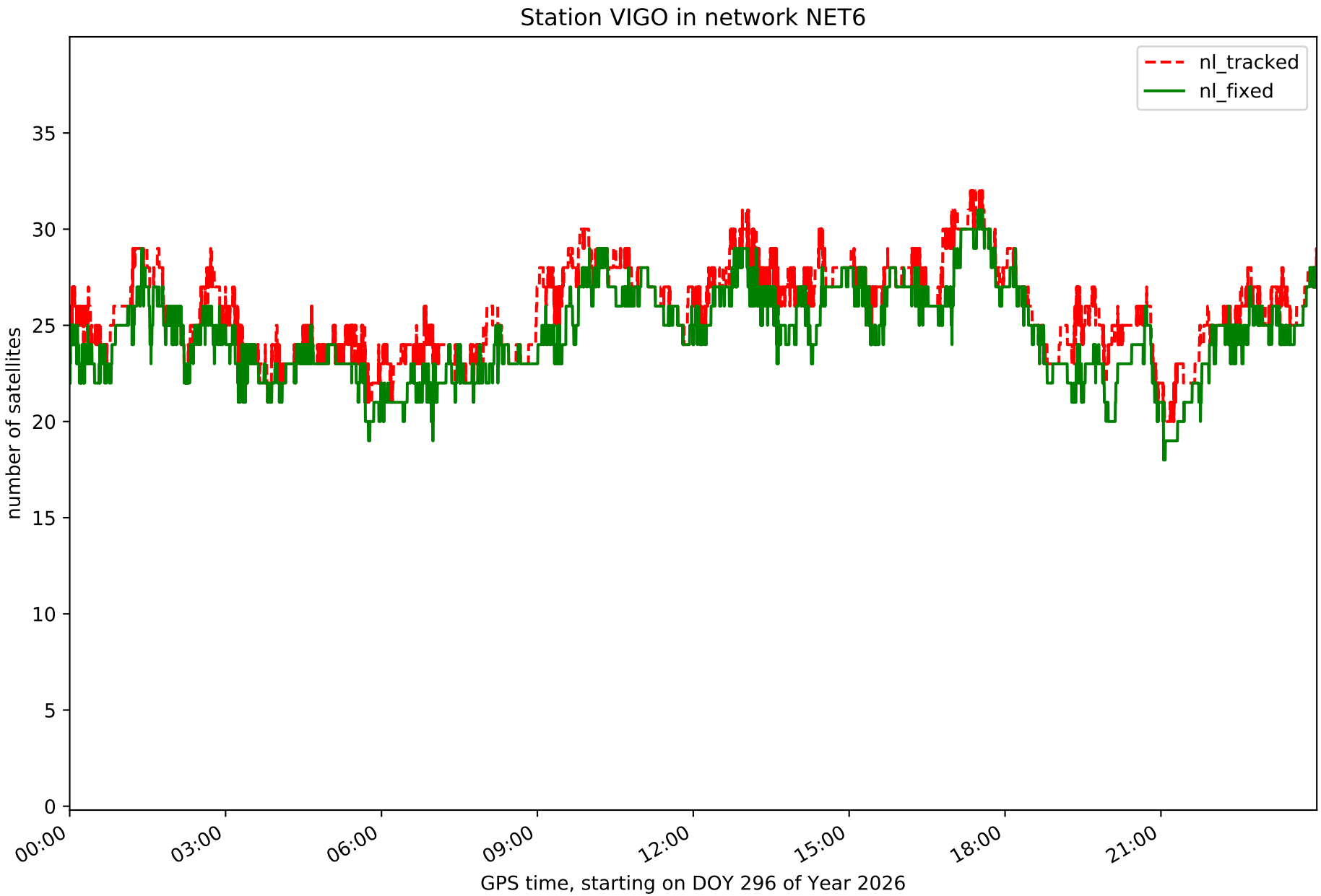

Station RODI in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

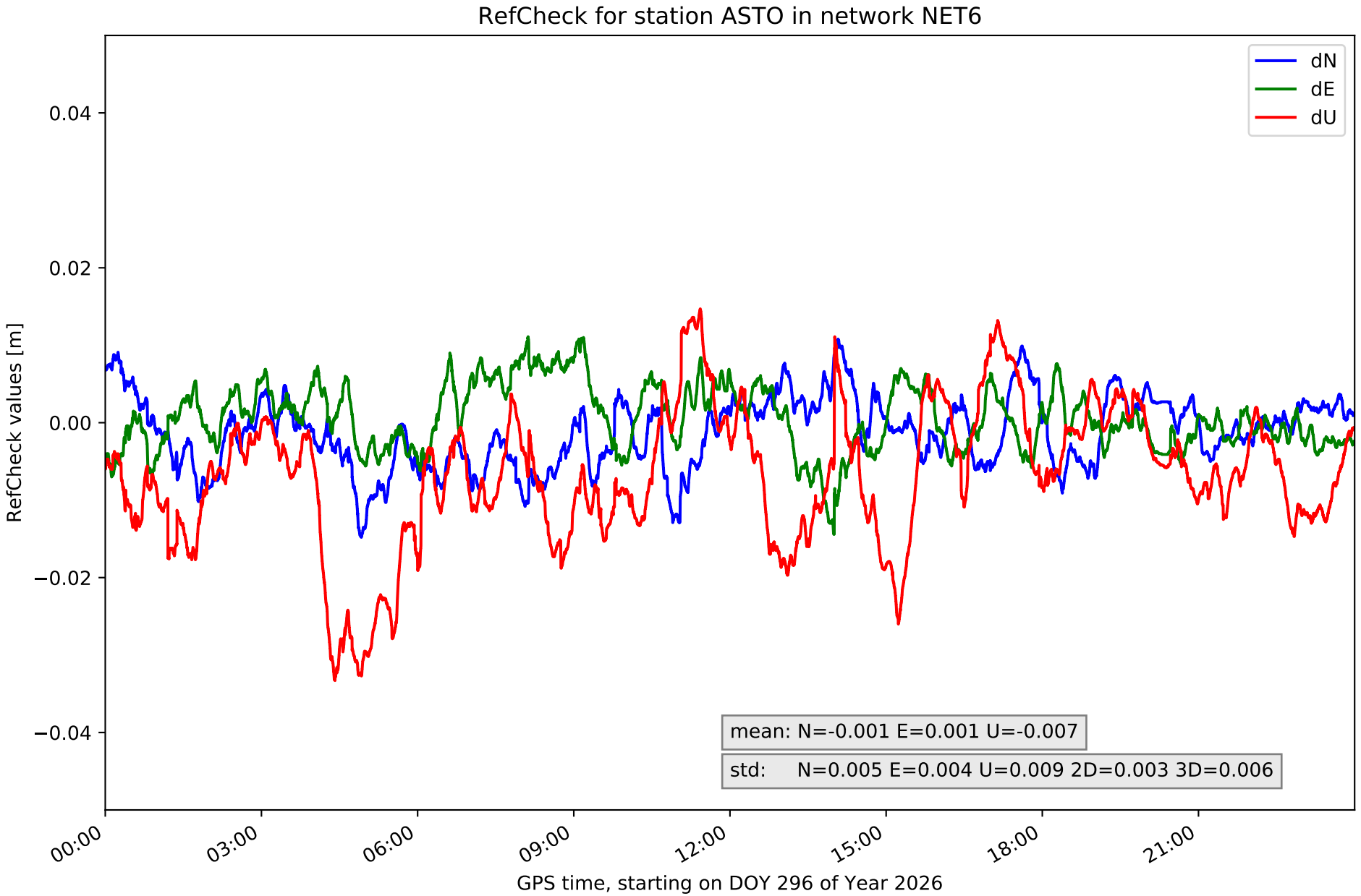

Station SALS in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

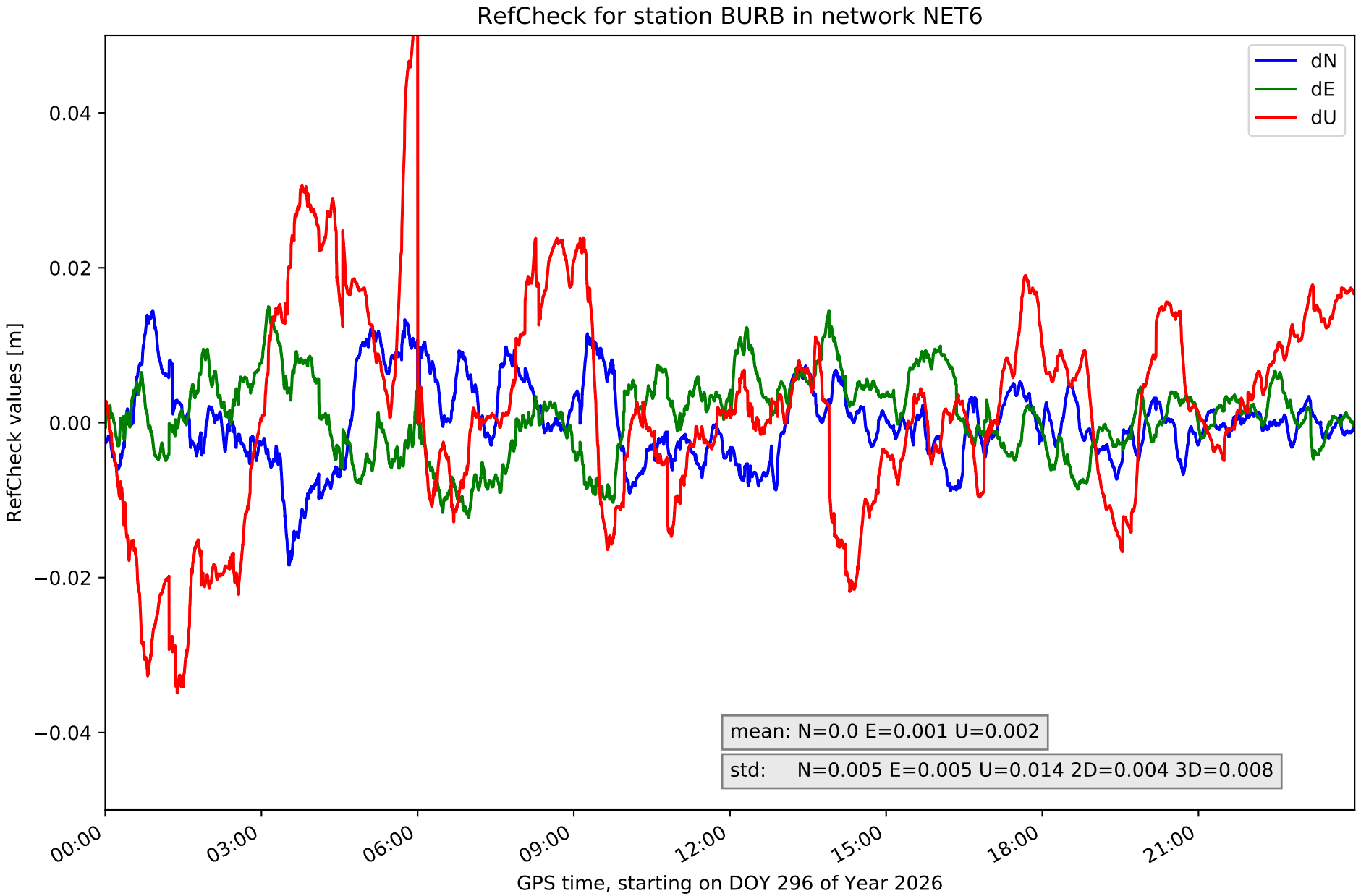

Station SNTG in network NET6
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

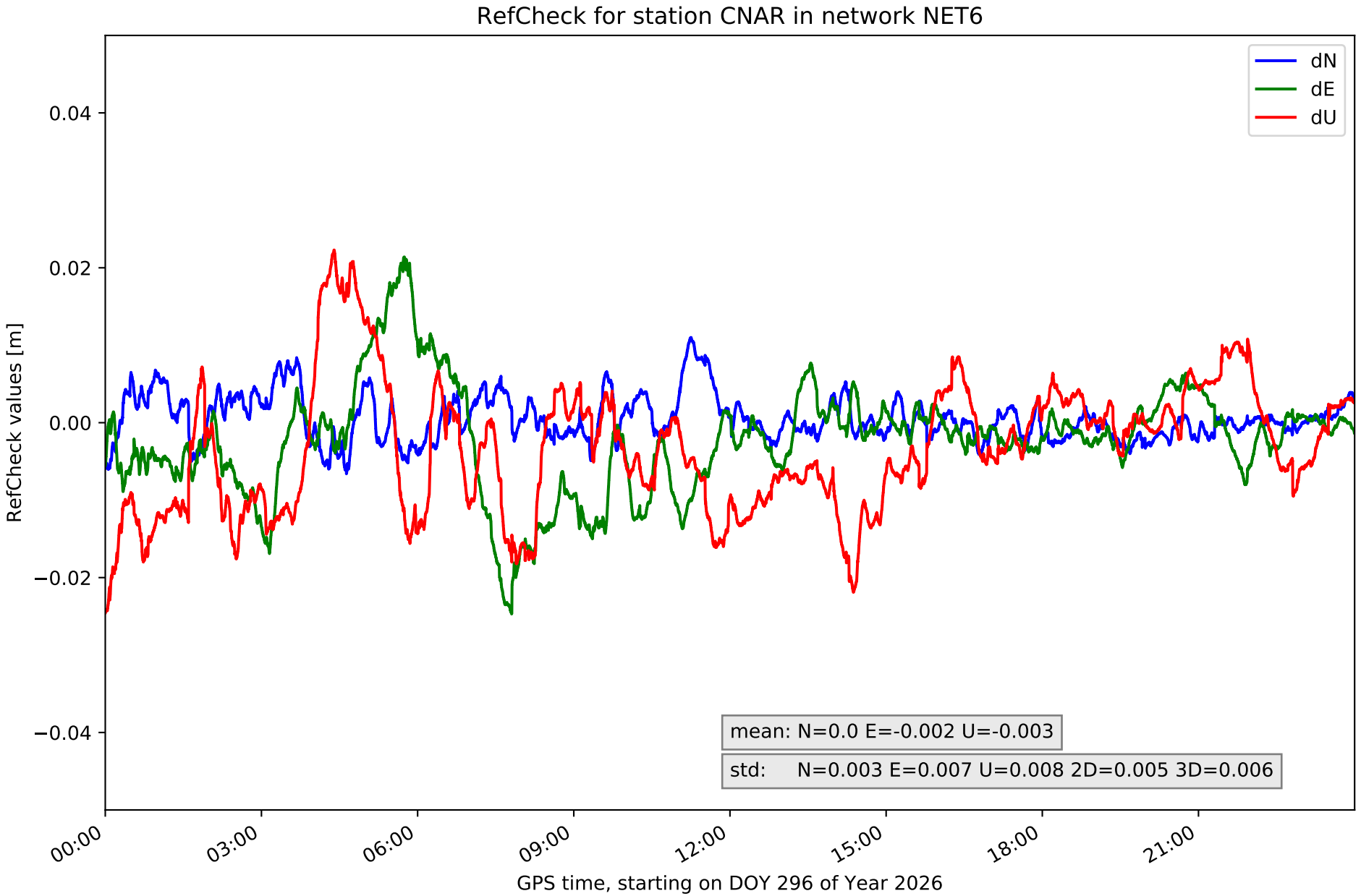

Station VBLO in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

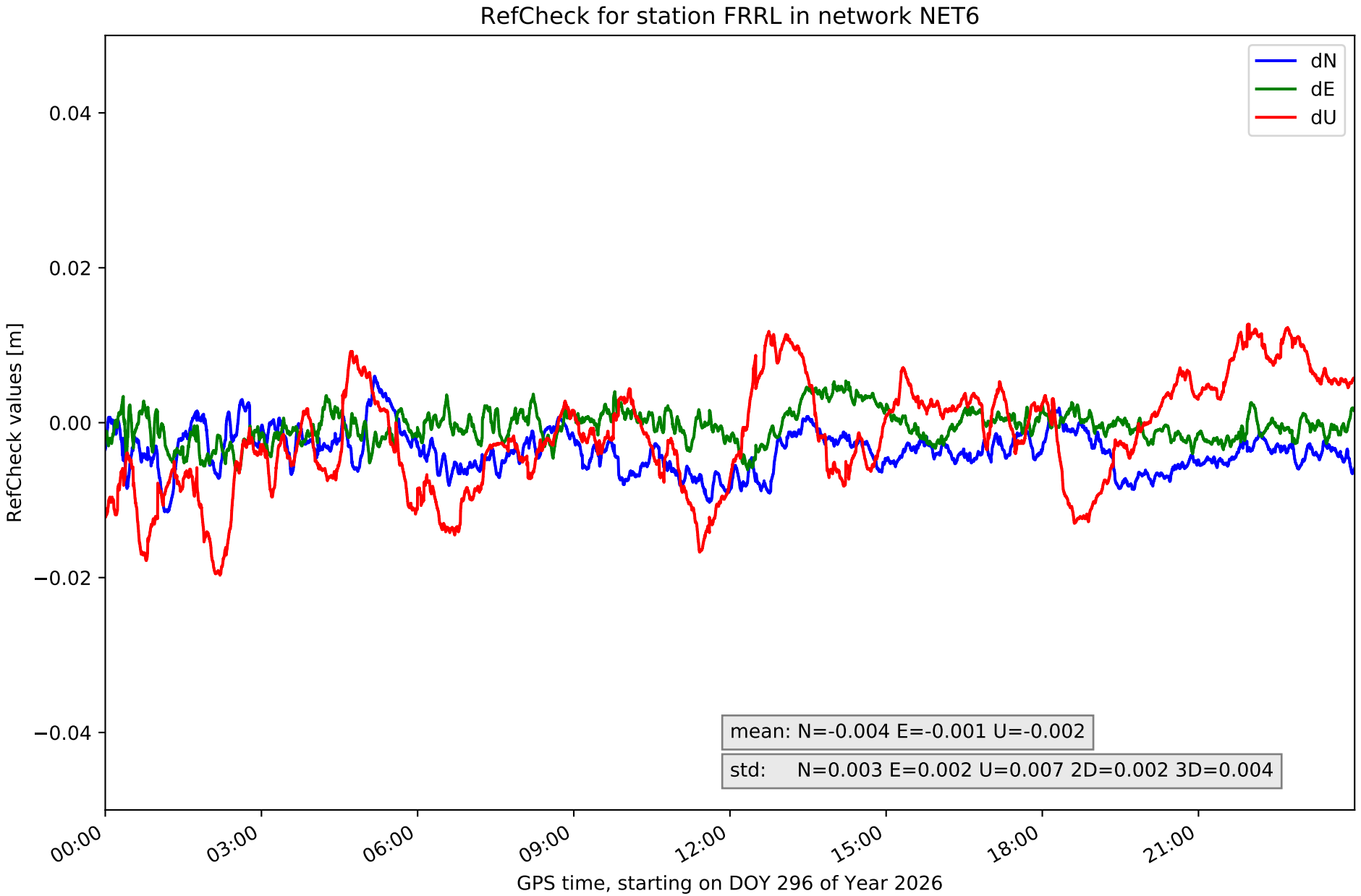

Station VEG1 in network NET6
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

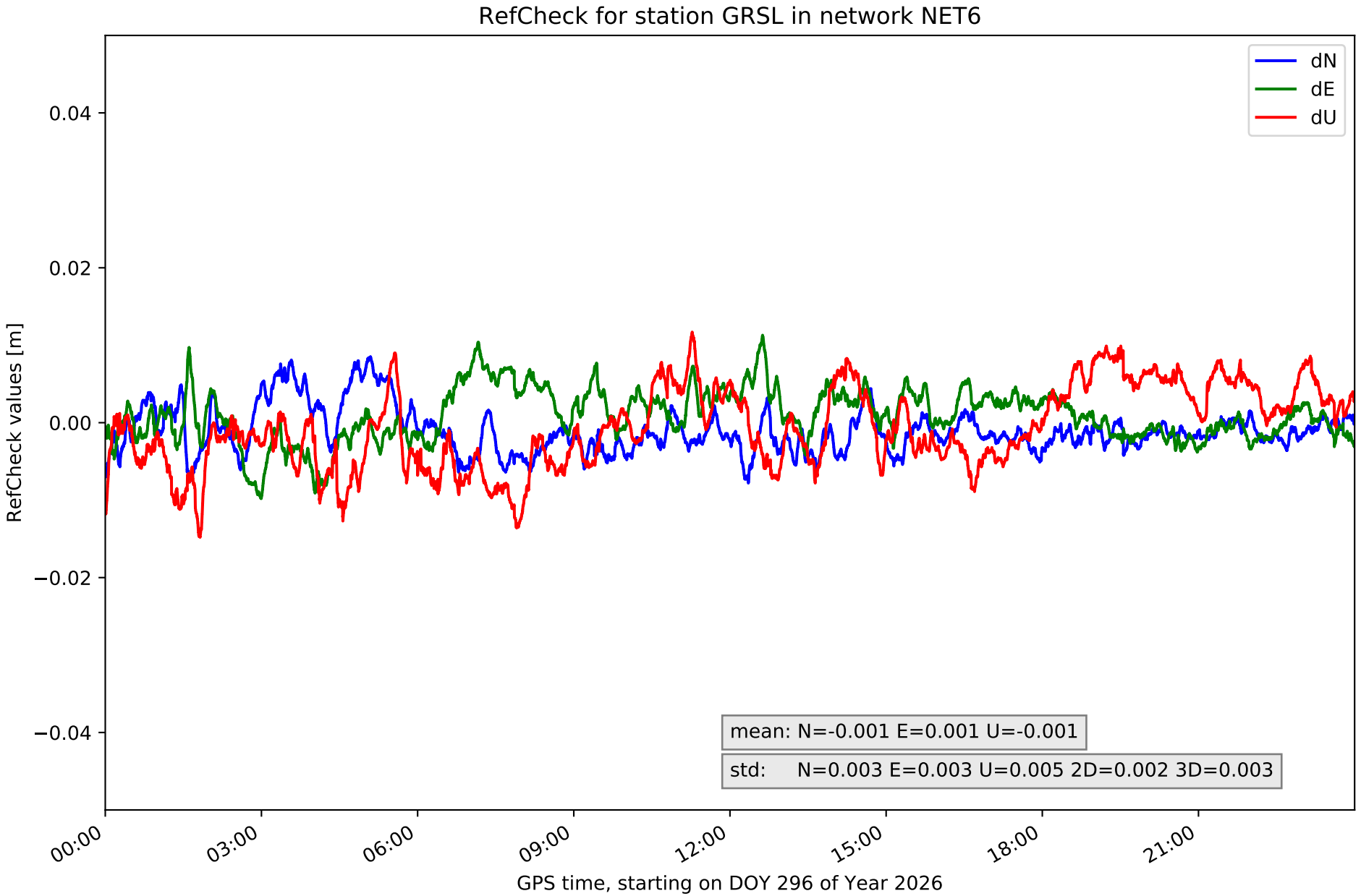

Station VIGO in network NET6
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

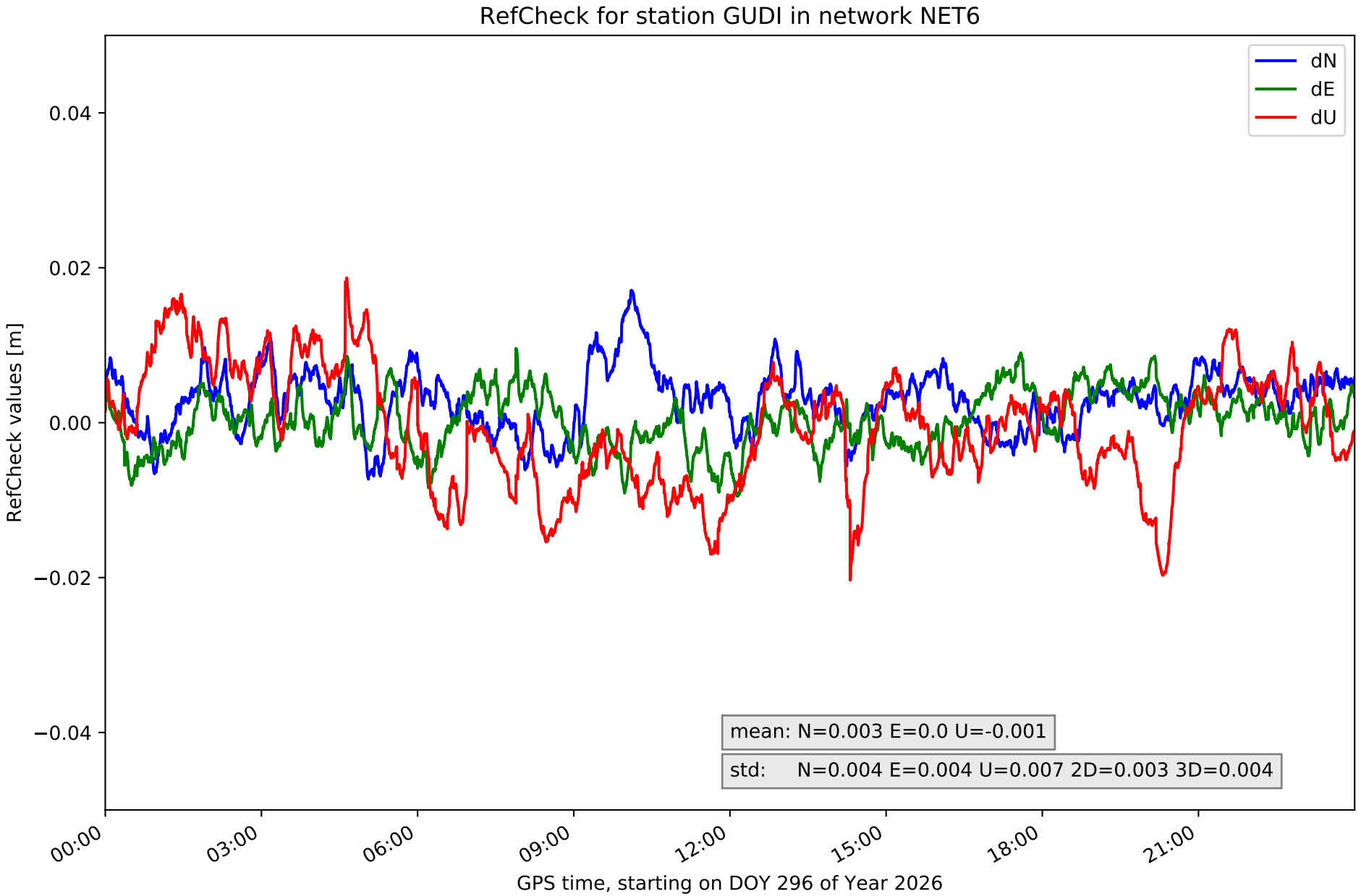

RefCheck for station ASTO in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.001 U=-0.007
std: N=0.005 E=0.004 U=0.009 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

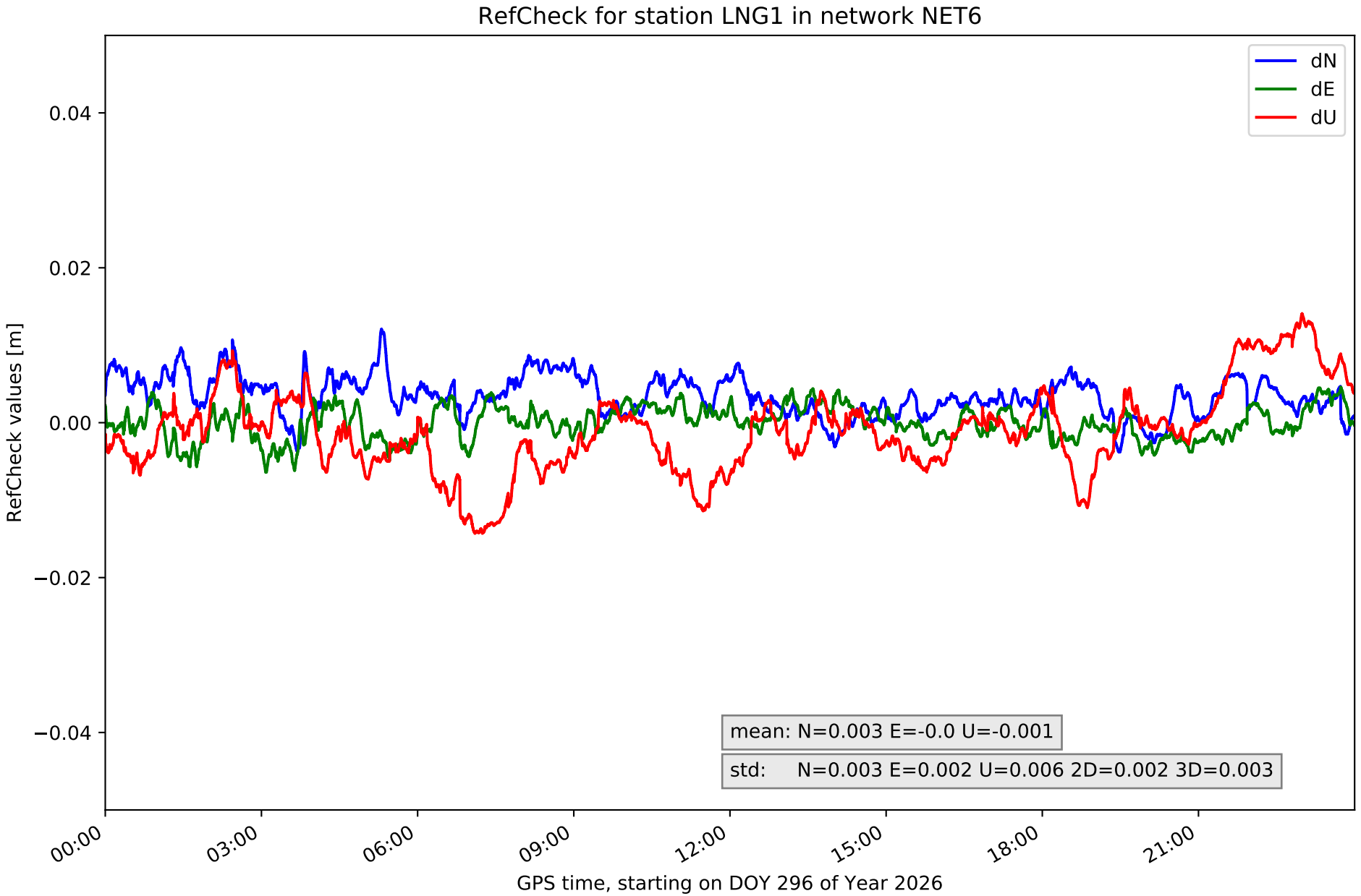

RefCheck for station BURB in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.001 U=0.002
std: N=0.005 E=0.005 U=0.014 2D=0.004 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

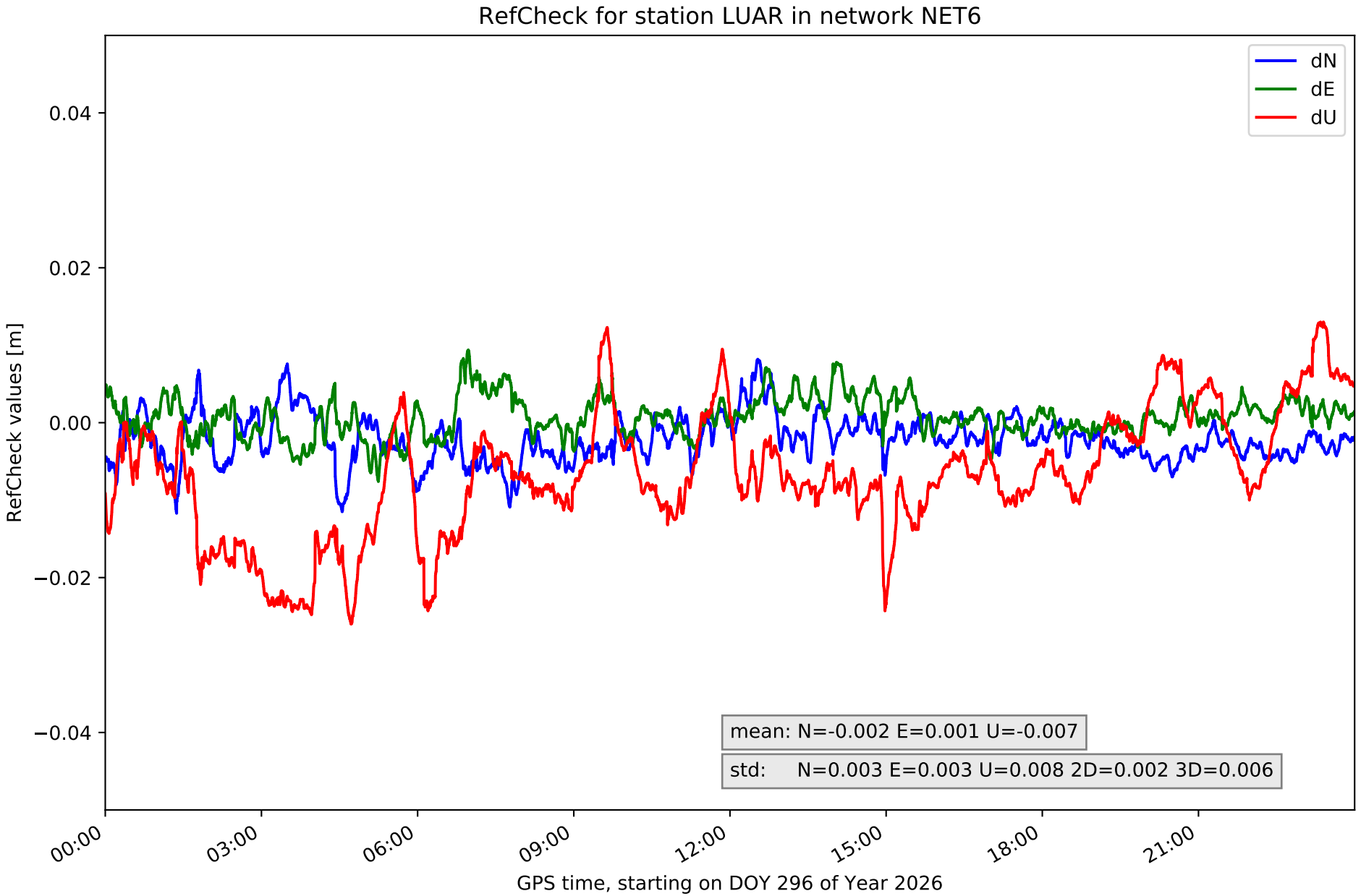

RefCheck for station CNAR in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.002 U=-0.003
std: N=0.003 E=0.007 U=0.008 2D=0.005 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

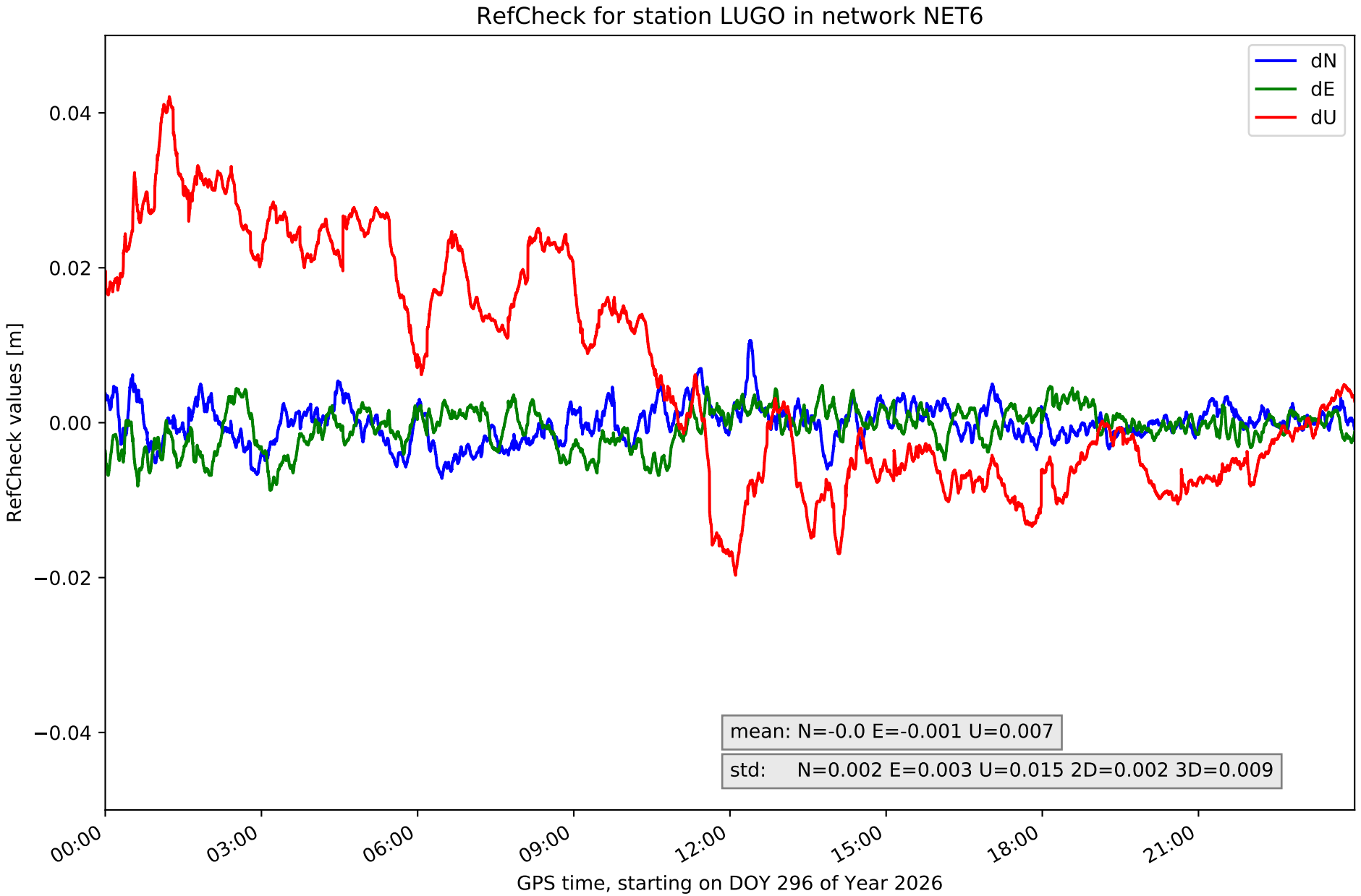

RefCheck for station FRRL in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.001 U=-0.002
std: N=0.003 E=0.002 U=0.007 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

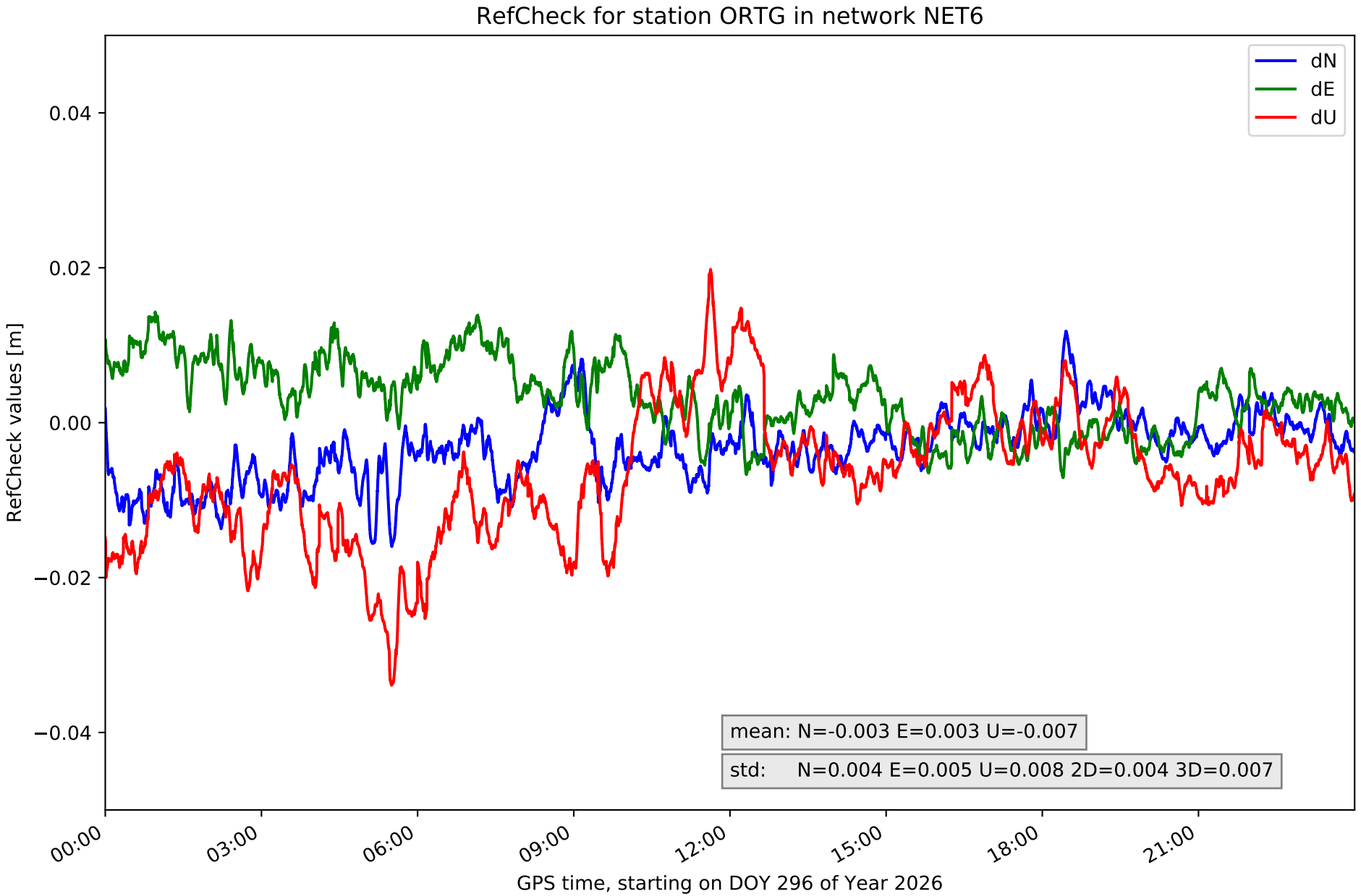

RefCheck for station GRSL in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.001 U=-0.001
std: N=0.003 E=0.003 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

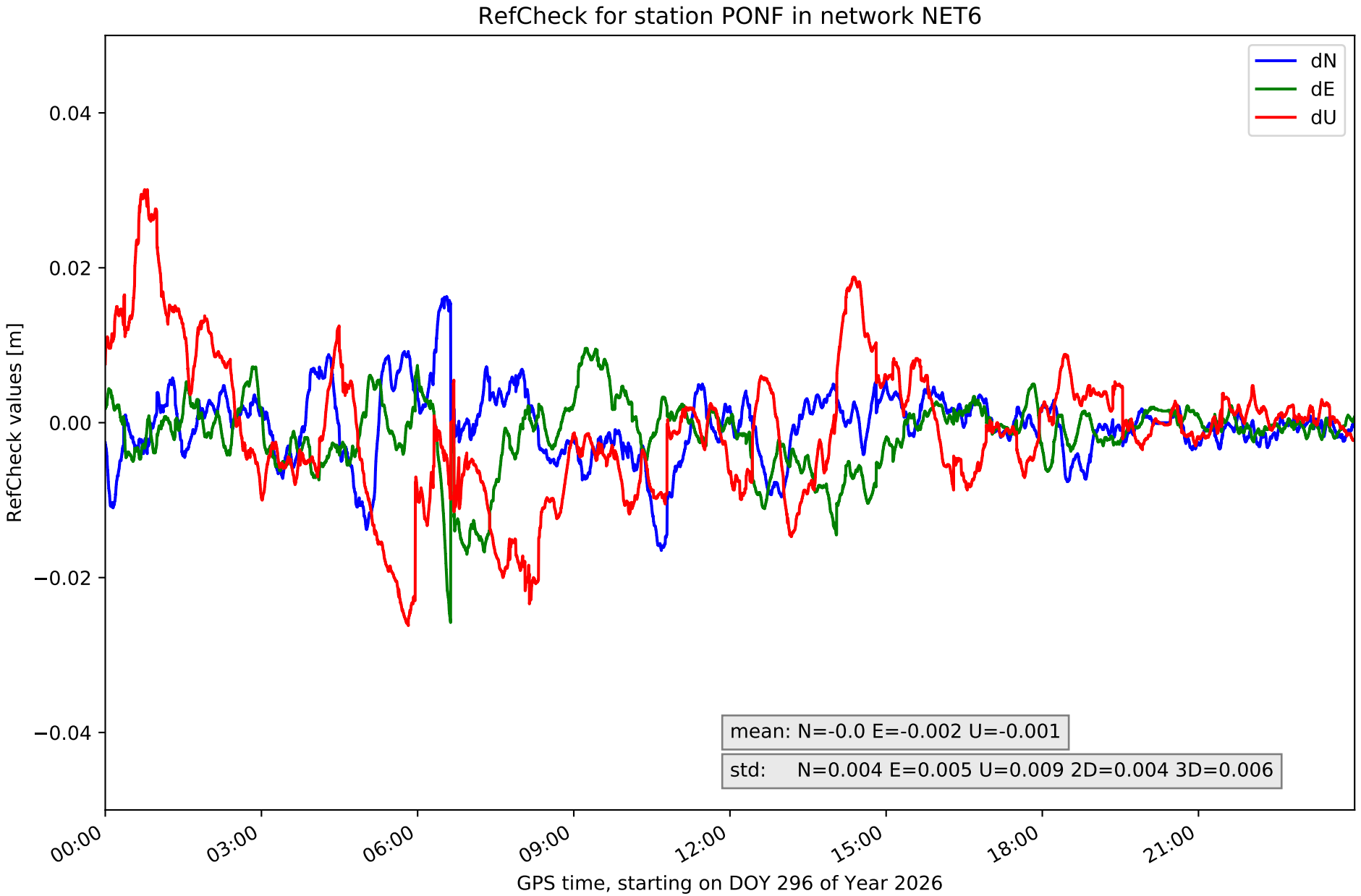

RefCheck for station GUDI in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.0 U=-0.001
std: N=0.004 E=0.004 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

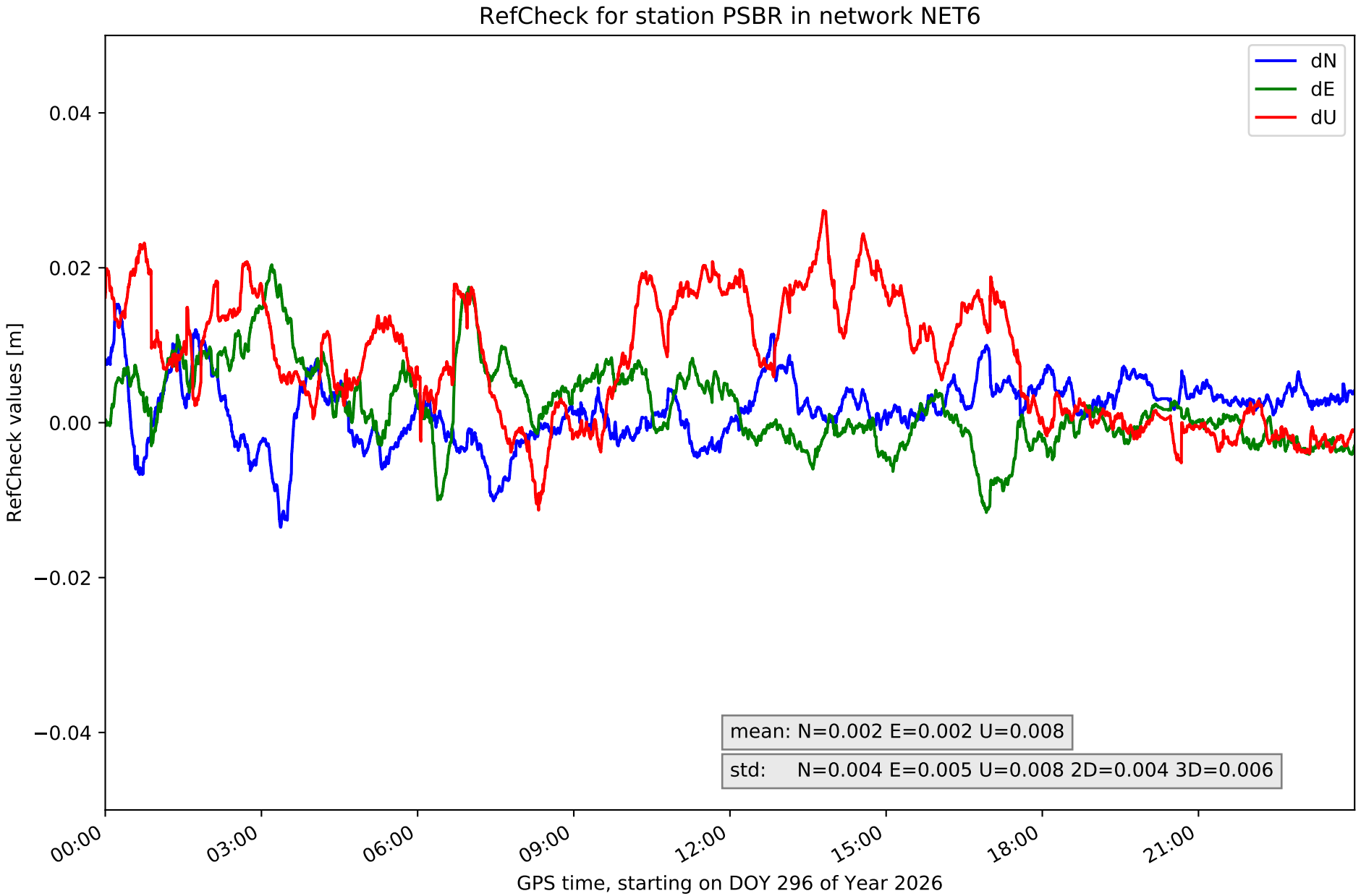

RefCheck for station LNG1 in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.0 U=-0.001
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

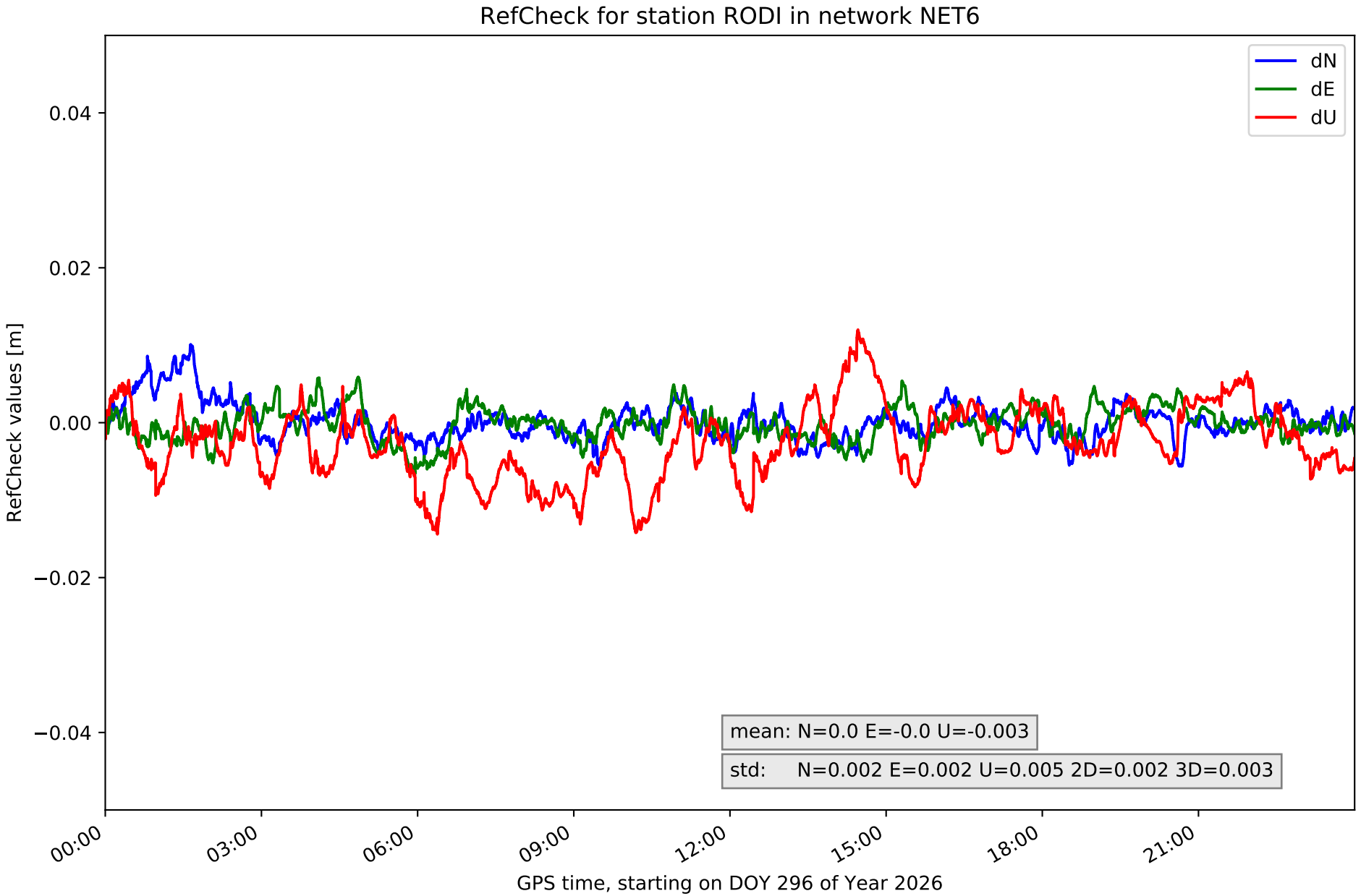

RefCheck for station LUAR in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.001 U=-0.007
std: N=0.003 E=0.003 U=0.008 2D=0.002 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

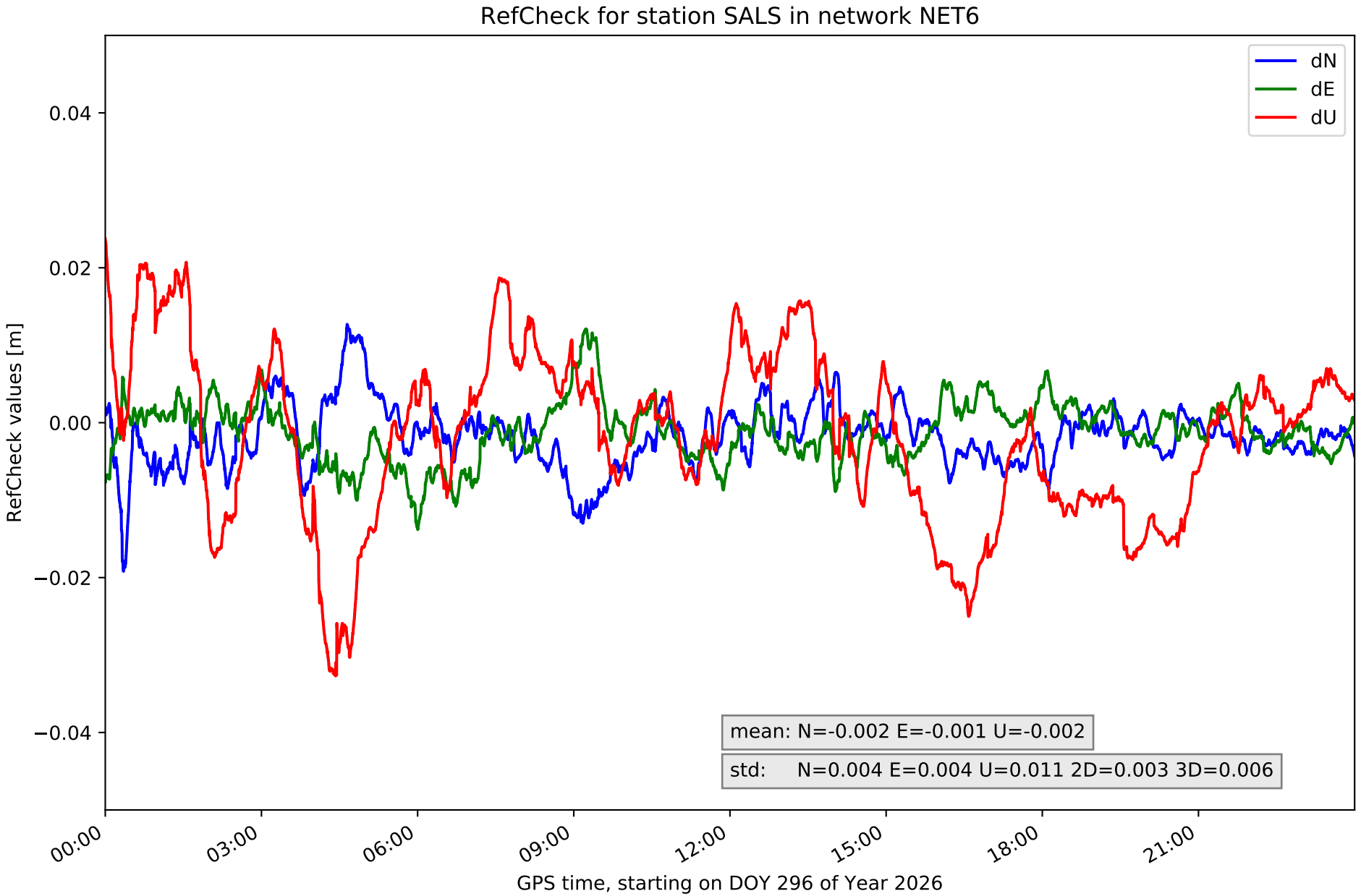

RefCheck for station LUGO in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.001 U=0.007
std: N=0.002 E=0.003 U=0.015 2D=0.002 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

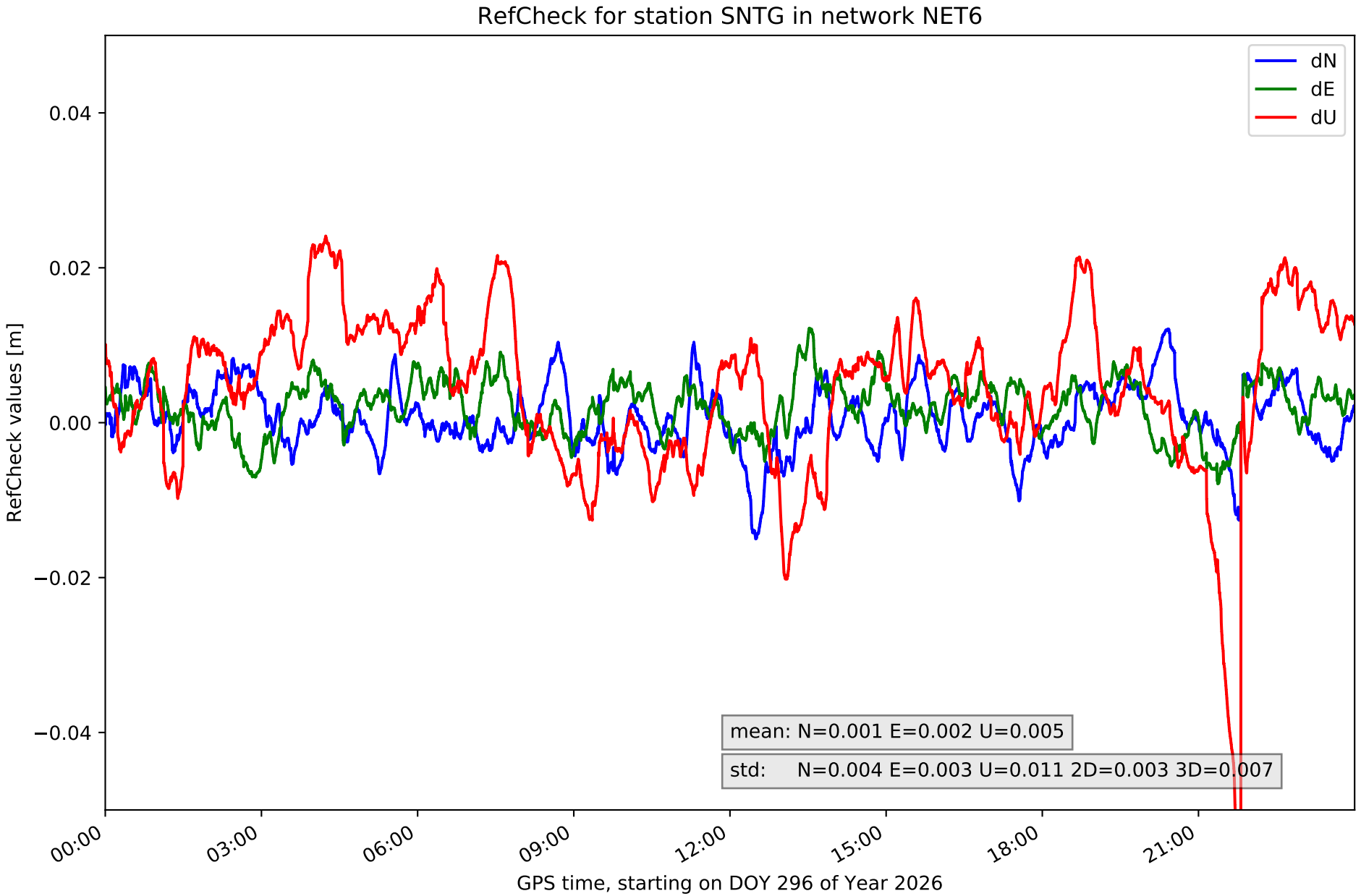

RefCheck for station ORTG in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.003 U=-0.007
std: N=0.004 E=0.005 U=0.008 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

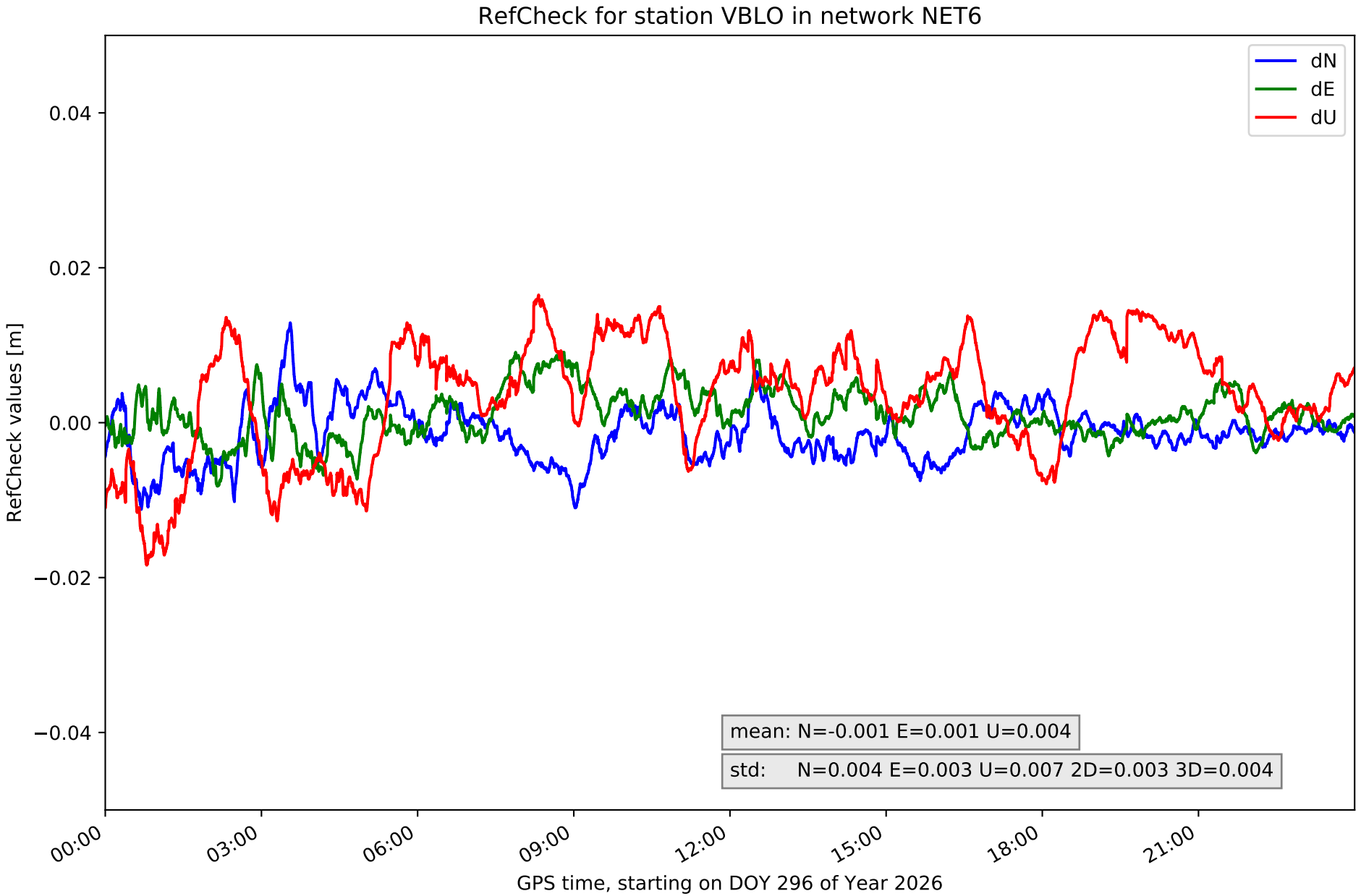

RefCheck for station PONF in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.002 U=-0.001
std: N=0.004 E=0.005 U=0.009 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

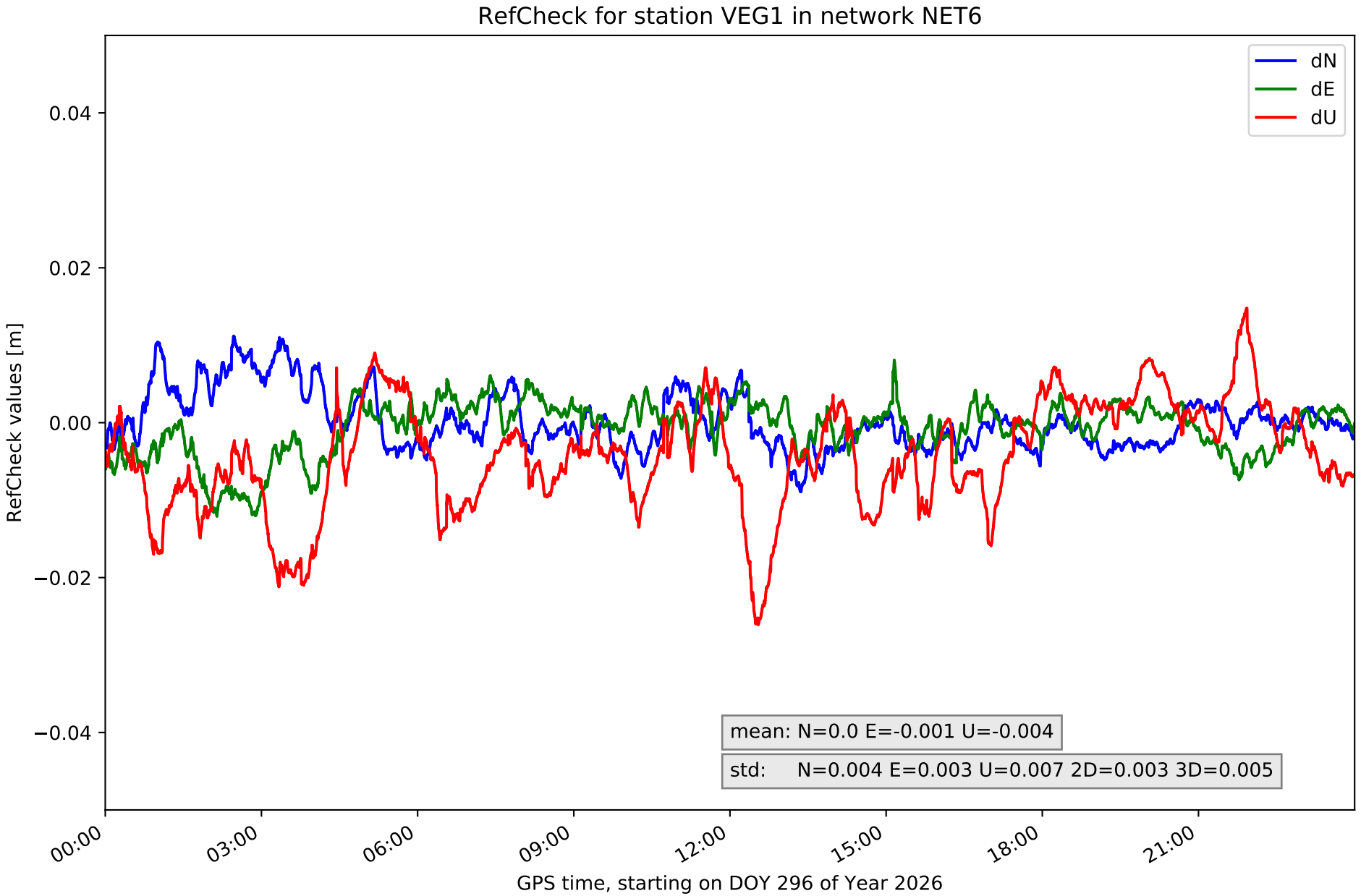

RefCheck for station PSBR in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.002 U=0.008
std: N=0.004 E=0.005 U=0.008 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

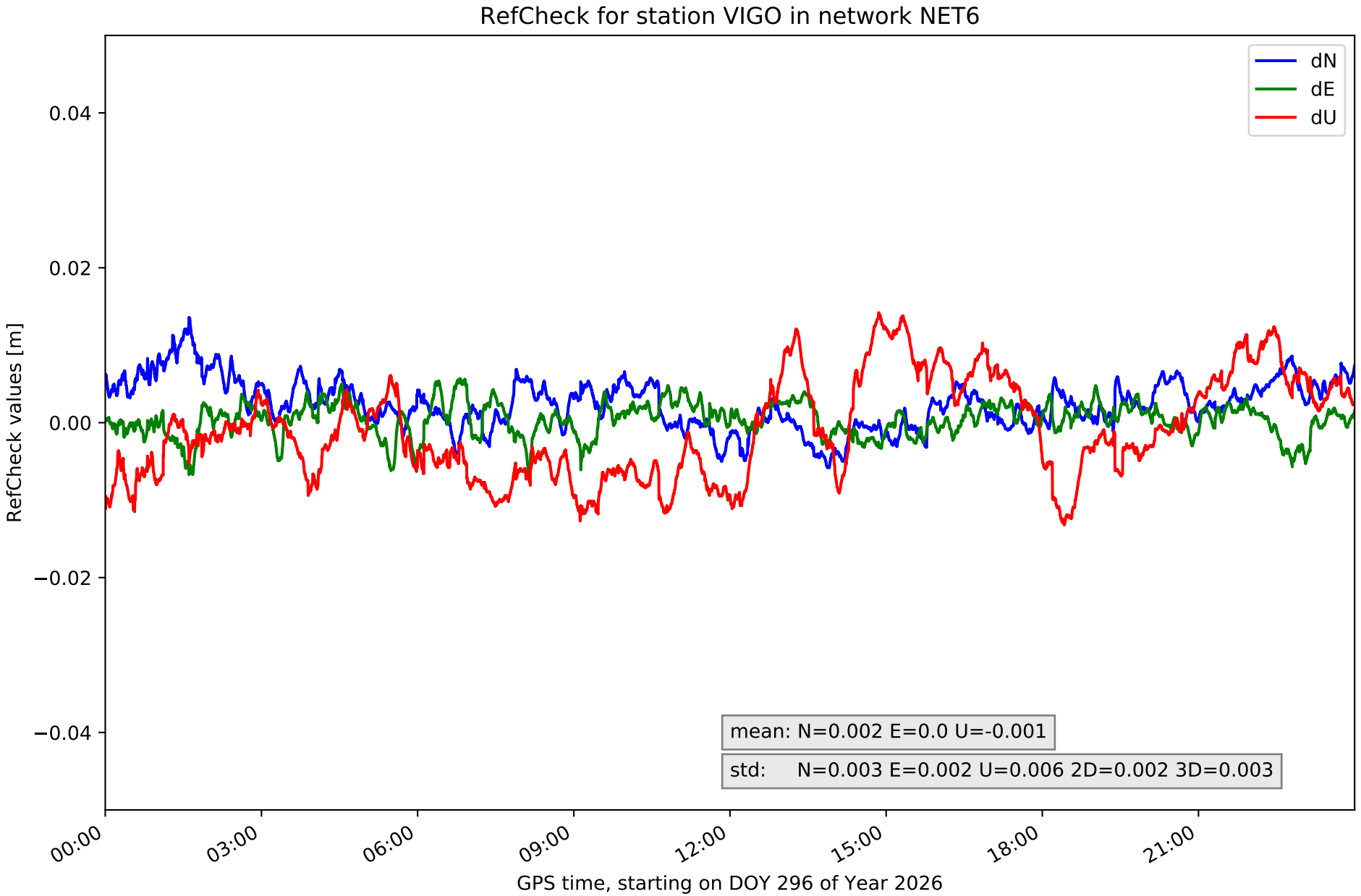

RefCheck for station RODI in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.0 U=-0.003
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026


RefCheck for station SALS in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.001 U=-0.002
std: N=0.004 E=0.004 U=0.011 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026


RefCheck for station SNTG in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.002 U=0.005
std: N=0.004 E=0.003 U=0.011 2D=0.003 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026


RefCheck for station VBLO in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.001 U=0.004
std: N=0.004 E=0.003 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026


RefCheck for station VEG1 in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.001 U=-0.004
std: N=0.004 E=0.003 U=0.007 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026


RefCheck for station VIGO in network NET6
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.0 U=-0.001
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 296 of Year 2026

# 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 | -0.015 | 0.011 | **0.005** | -0.014 | 0.011 | 0.004 | -0.033 | 0.015 | 0.009 | 0.003 | 0.006 | 7155 | 9.5 | 5981 | 8.0 |
| BURB | -0.018 | 0.015 | **0.005** | -0.012 | 0.015 | 0.005 | -0.035 | **0.06** | 0.014 | 0.004 | 0.008 | 13745 | 18.3 | 12837 | 17.1 |
| CNAR | -0.007 | 0.011 | 0.003 | -0.025 | **0.021** | **0.007** | -0.025 | 0.022 | 0.008 | **0.005** | 0.006 | 15617 | 20.8 | 5293 | 7.1 |
| FRRL | -0.011 | 0.006 | 0.003 | -0.006 | 0.005 | 0.002 | -0.02 | 0.013 | 0.007 | 0.002 | 0.004 | 711 | 0.9 | 461 | 0.6 |
| GRSL | -0.008 | 0.009 | 0.003 | -0.01 | 0.011 | 0.003 | -0.015 | 0.012 | 0.005 | 0.002 | 0.003 | 977 | 1.3 | 0 | 0.0 |
| GUDI | -0.007 | **0.017** | 0.004 | -0.009 | 0.01 | 0.004 | -0.02 | 0.019 | 0.007 | 0.003 | 0.004 | 2682 | 3.6 | 148 | 0.2 |
| LNG1 | -0.004 | 0.012 | 0.003 | -0.006 | 0.005 | 0.002 | -0.014 | 0.014 | 0.006 | 0.002 | 0.003 | 592 | 0.8 | 0 | 0.0 |
| LUAR | -0.012 | 0.008 | 0.003 | -0.008 | 0.009 | 0.003 | -0.026 | 0.013 | 0.008 | 0.002 | 0.006 | 1189 | 1.6 | 5781 | 7.7 |
| LUGO | -0.007 | 0.011 | 0.002 | -0.009 | 0.005 | 0.003 | -0.02 | 0.042 | **0.015** | 0.002 | **0.009** | 165 | 0.2 | **20967** | **27.9** |
| ORTG | -0.016 | 0.012 | 0.004 | -0.007 | 0.014 | 0.005 | -0.034 | 0.02 | 0.008 | 0.004 | 0.007 | **19244** | **25.7** | 10249 | 13.7 |
| PONF | -0.017 | 0.016 | 0.004 | **-0.026** | 0.01 | 0.005 | -0.026 | 0.03 | 0.009 | 0.004 | 0.006 | 8102 | 10.8 | 4906 | 6.5 |
| PSBR | -0.013 | 0.015 | 0.004 | -0.012 | 0.02 | 0.005 | -0.011 | 0.027 | 0.008 | 0.004 | 0.006 | 9843 | 13.1 | 8823 | 11.8 |
| RODI | -0.006 | 0.01 | 0.002 | -0.007 | 0.006 | 0.002 | -0.014 | 0.012 | 0.005 | 0.002 | 0.003 | 47 | 0.1 | 0 | 0.0 |
| SALS | **-0.019** | 0.013 | 0.004 | -0.014 | 0.012 | 0.004 | -0.033 | 0.024 | 0.011 | 0.003 | 0.006 | 5796 | 7.7 | 5469 | 7.3 |
| SNTG | -0.015 | 0.012 | 0.004 | -0.008 | 0.012 | 0.003 | **-0.06** | 0.024 | 0.011 | 0.003 | 0.007 | 2804 | 3.7 | 6970 | 9.3 |
| VBLO | -0.011 | 0.013 | 0.004 | -0.008 | 0.009 | 0.003 | -0.018 | 0.017 | 0.007 | 0.003 | 0.004 | 2473 | 3.3 | 176 | 0.2 |
| VEG1 | -0.009 | 0.011 | 0.004 | -0.012 | 0.008 | 0.003 | -0.026 | 0.015 | 0.007 | 0.003 | 0.005 | 5459 | 7.3 | 3646 | 4.9 |
| VIGO | -0.006 | 0.014 | 0.003 | -0.007 | 0.006 | 0.002 | -0.013 | 0.014 | 0.006 | 0.002 | 0.003 | 967 | 1.3 | 0 | 0.0 |
| **Mean** | **-0.011** | **0.012** | **0.004** | **-0.011** | **0.011** | **0.004** | **-0.025** | **0.022** | **0.008** | **0.003** | **0.005** | **5420.4** | **7.2** | **5094.8** | **6.8** |
| **Min/Max** | **-0.019** | **0.017** | **0.005** | **-0.026** | **0.021** | **0.007** | **-0.06** | **0.06** | **0.015** | **0.005** | **0.009** | **19244** | **25.7** | **20967** | **27.9** |

# fixing statistic for network NET6

| fixing percentage of | all GNSS | G | R | E | C |
|---|---|---|---|---|---|
| using threshold 0.3 | 94.6 | 95.7 | 94.9 | 96.1 | 91.9 |
| considering satellites with dual-frequency fixed | 93.7 | 94.8 | 93.1 | 94.6 | 91.5 |
| considering all signals separately | 93.8 | 94.9 | 93.1 | 94.7 | 90.2 |