# summary for network N32T

timeperiod chosen: from 2026-11-06-00:00:00 until 2026-11-06-23:59:59

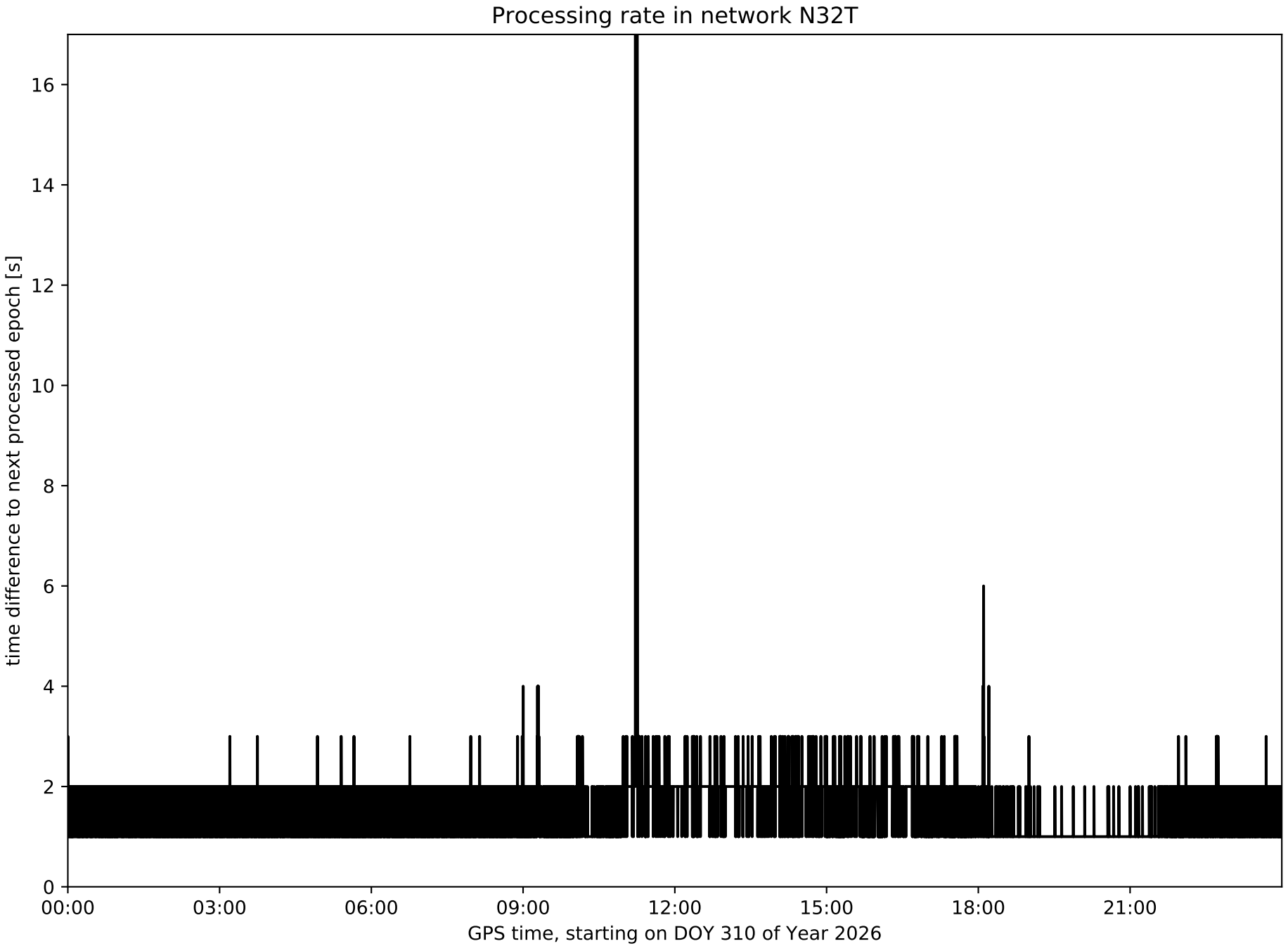
average update rate (durations larger than 15 seconds considered as observation gap): 1.3 seconds

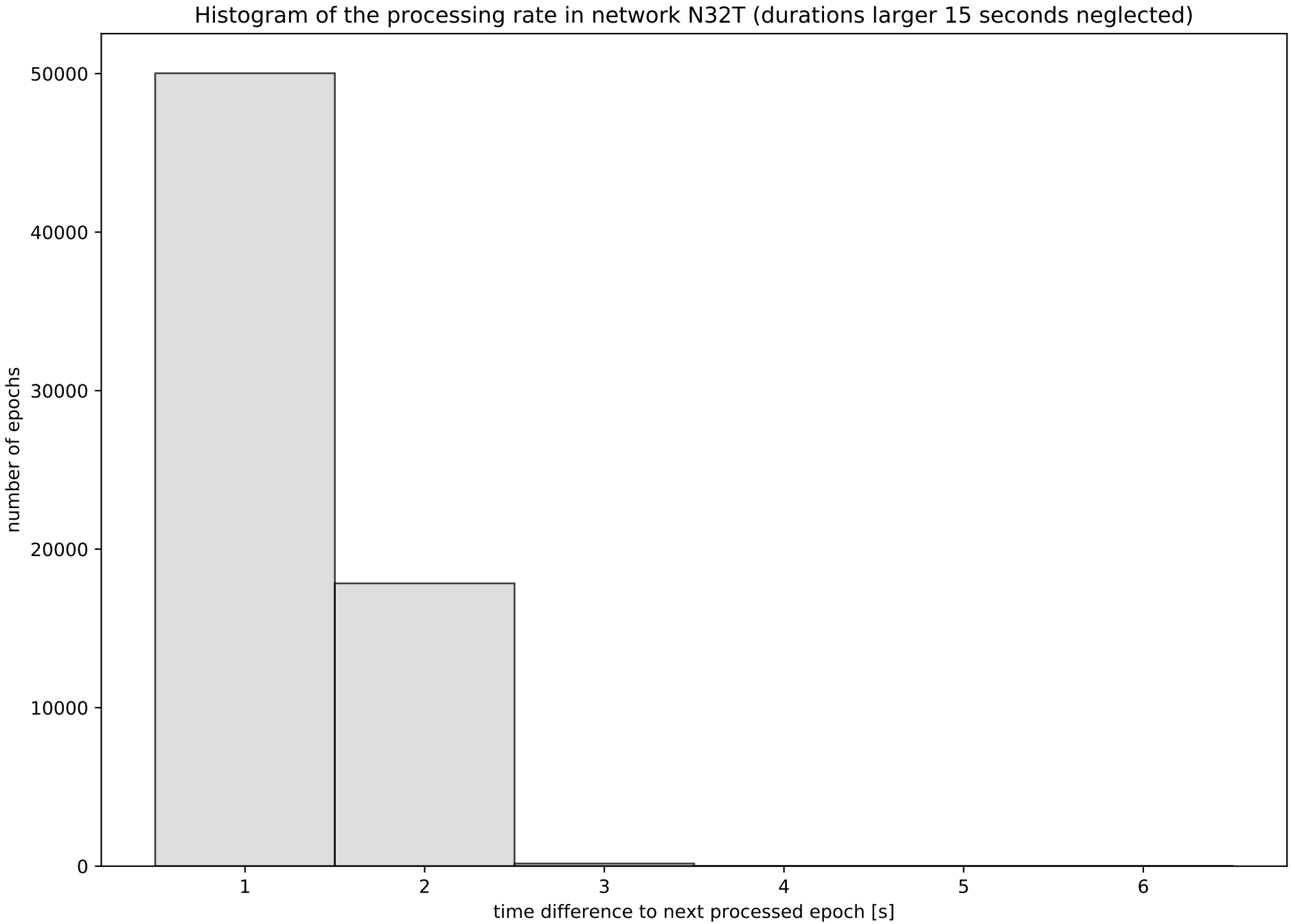
average fixing percentage with threshold set to 0.3: 90.7 percent

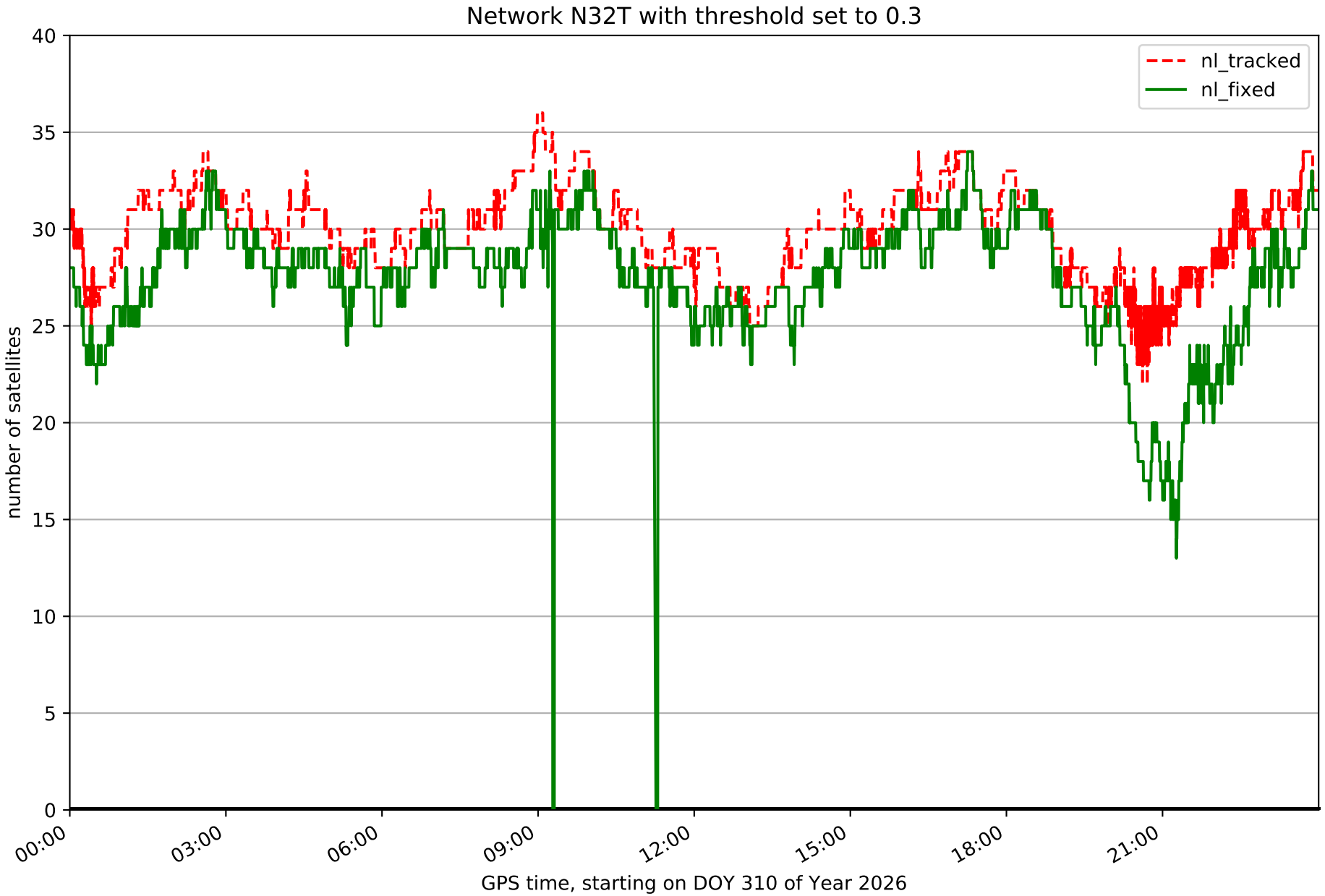
stations available: 15 of 15

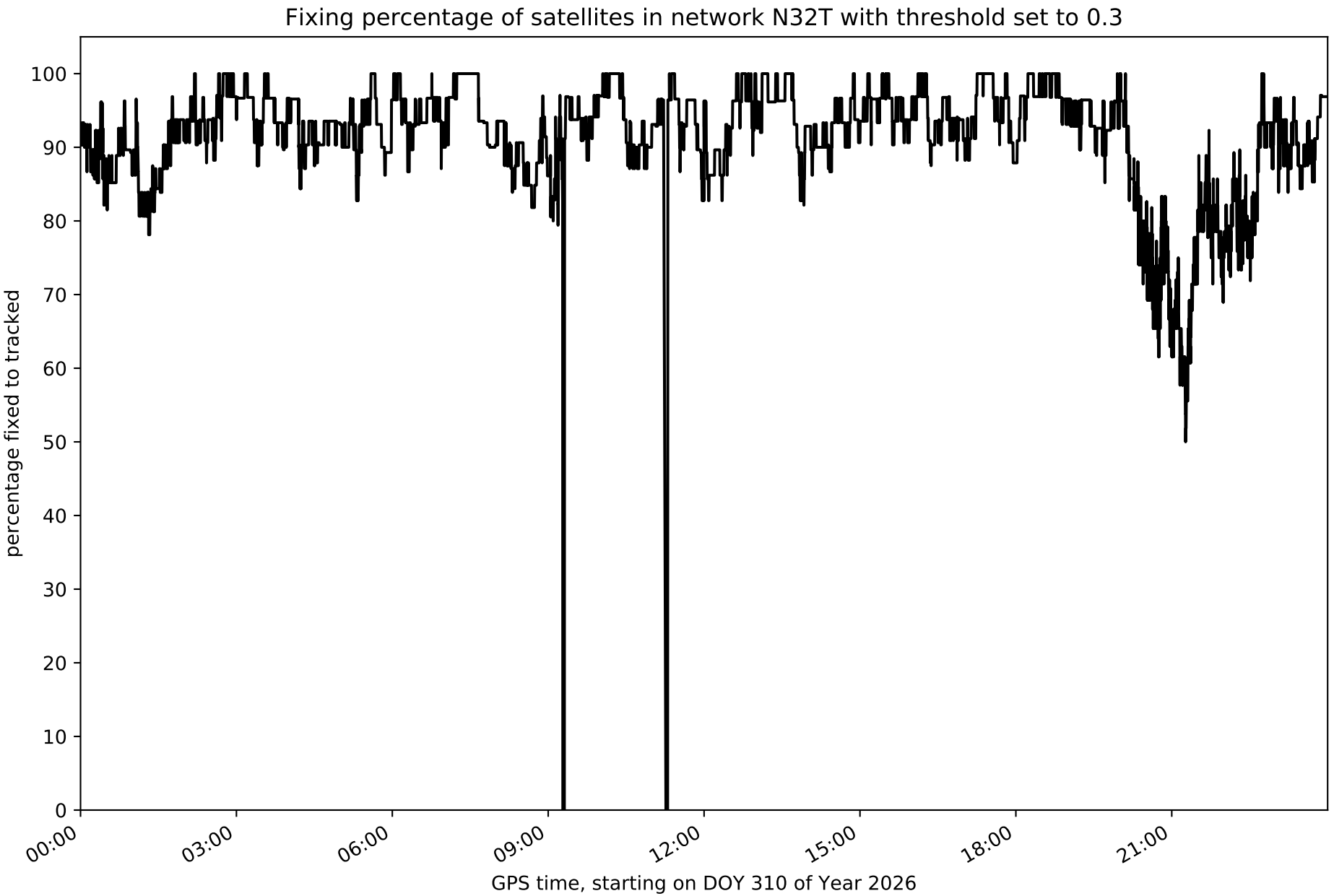
station information:

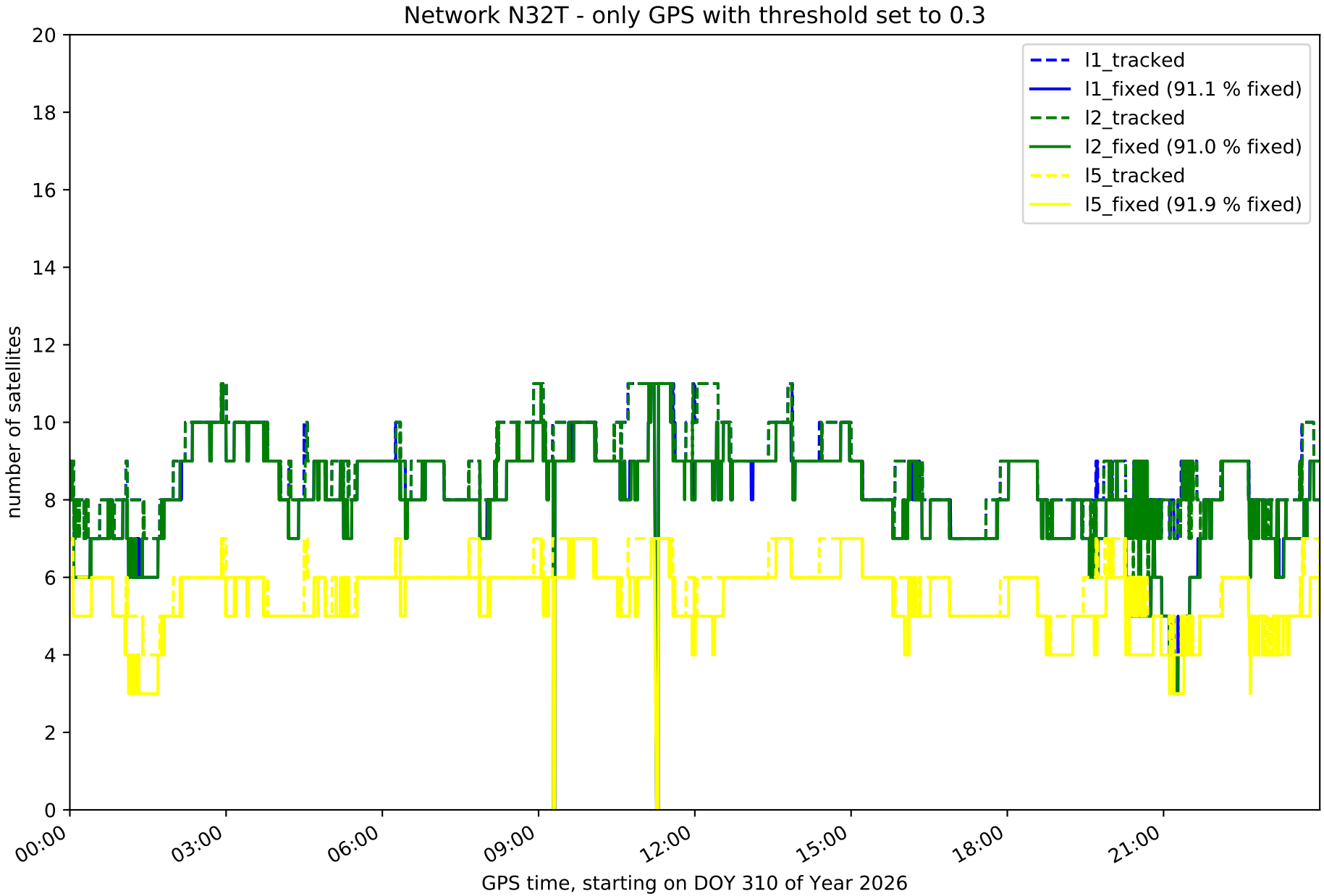
| | | | | |
|---|---|---|---|---|
| station EH01: | antenna: LEIAR20 | LEIM | receiver: LEICA GR25 | height: 801.016 |
| station EH02: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 85.385 |
| station GOM1: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 48.789 |
| station GOME: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 114.977 |
| station IZAN: | antenna: LEIAT504GG | LEIS | receiver: LEICA GR50 | height: 2417.44 |
| station LP01: | antenna: TRM57971.00 | NONE | receiver: TRIMBLE ALLOY | height: 675.249 |
| station LP03: | antenna: TRM59900.00 | NONE | receiver: TRIMBLE NETR9 | height: 919.563 |
| station LPAL: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 2199.31 |
| station LRES: | antenna: LEIAR20 | NONE | receiver: LEICA GR25 | height: 51.241 |
| station TN01: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 51.859 |
| station TN02: | antenna: TRM159900.00 | SCIS | receiver: TRIMBLE ALLOY | height: 54.509 |
| station TN03: | antenna: TRM159900.00 | SCIS | receiver: TRIMBLE ALLOY | height: 58.588 |
| station TN06: | antenna: LEIAR20 | NONE | receiver: LEICA GR50 | height: 1053.548 |
| station TN09: | antenna: LEIAR20 | NONE | receiver: LEICA GR50 | height: 1582.15 |
| station TE11: | antenna: LEIAR10 | NONE | receiver: LEICA GR25 | height: 2092.021 |

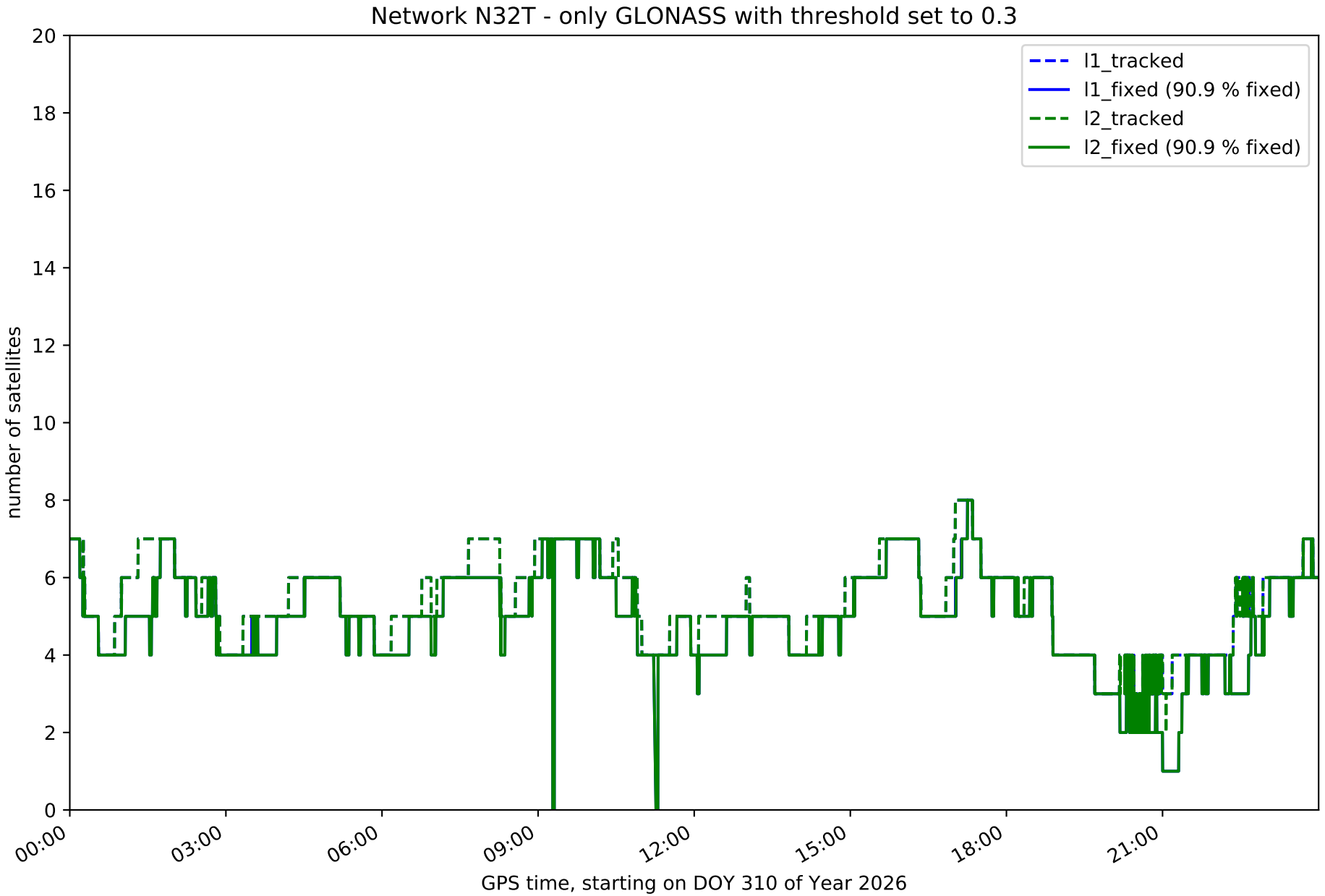

Processing rate in network N32T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

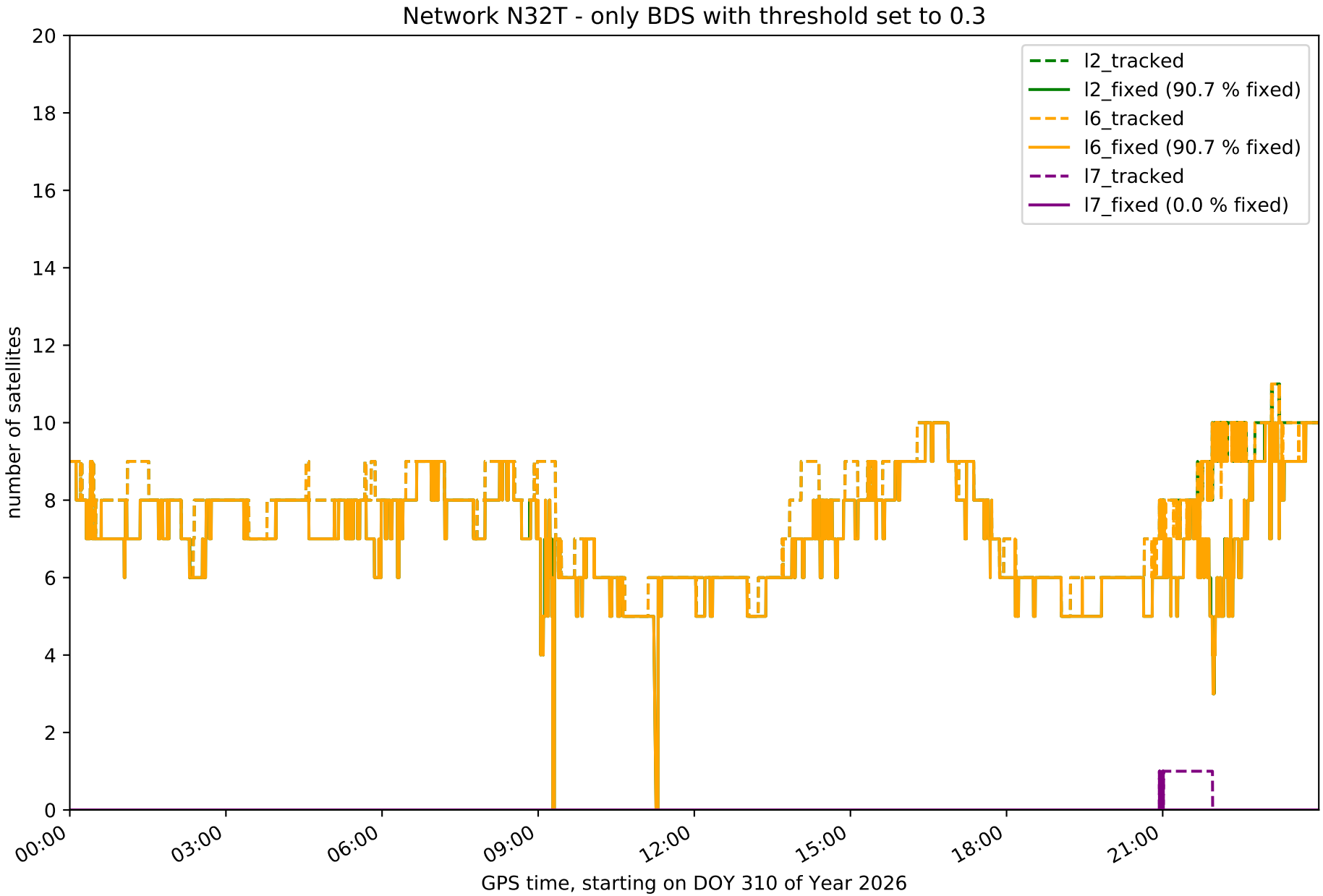

Histogram of the processing rate in network N32T (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
1
2
3
4
5
6
time difference to next processed epoch [s]

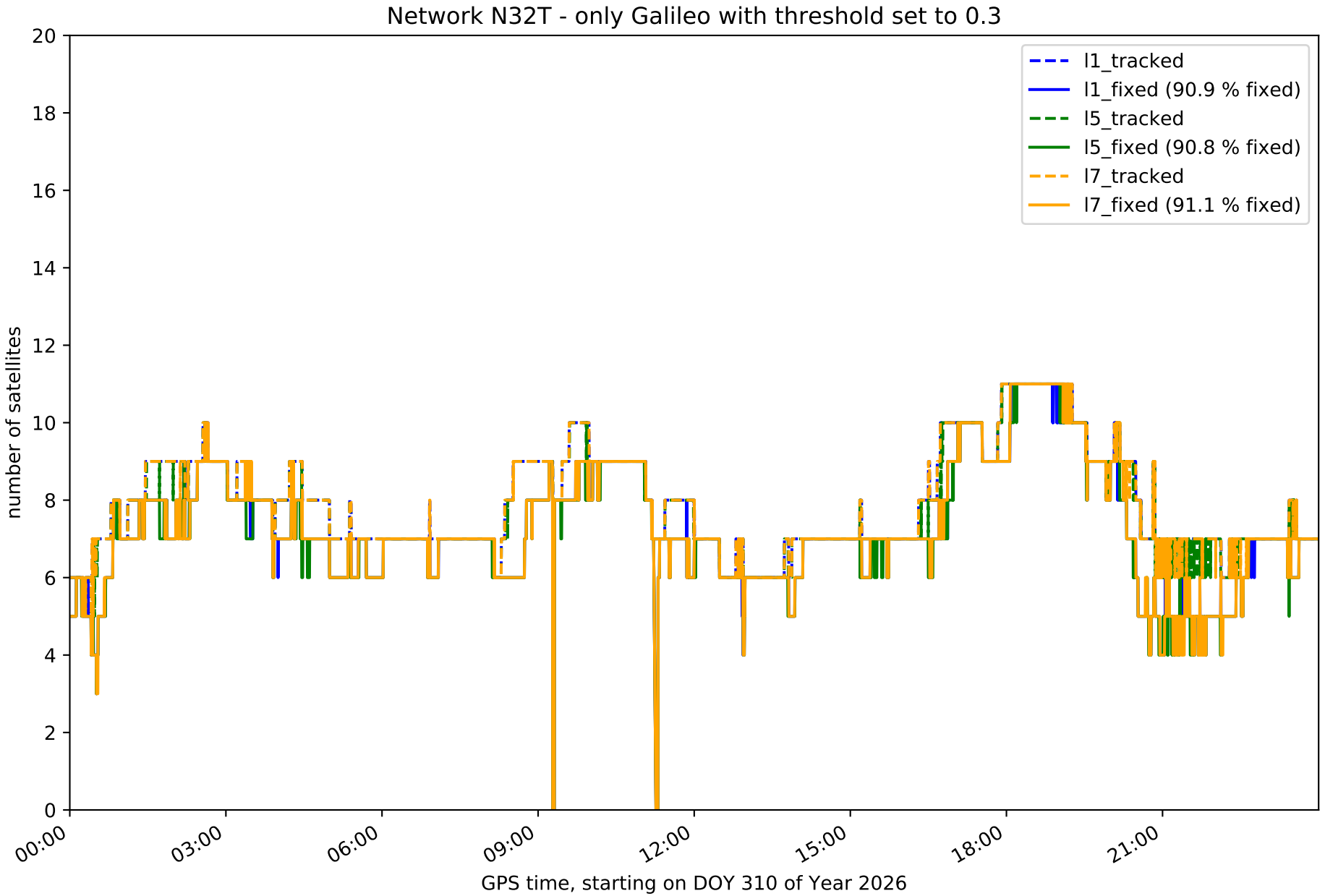

Network N32T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

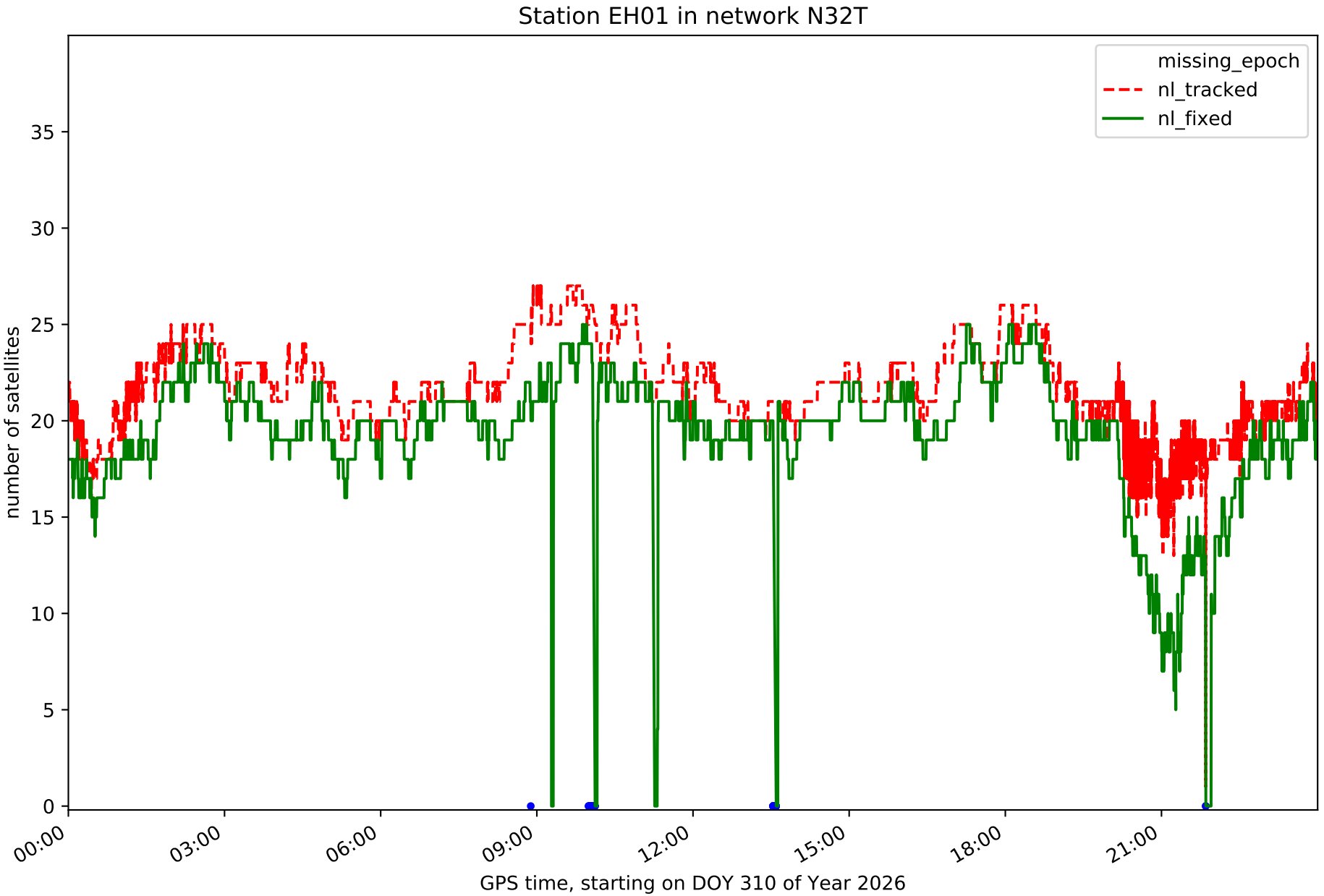

Fixing percentage of satellites in network N32T with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

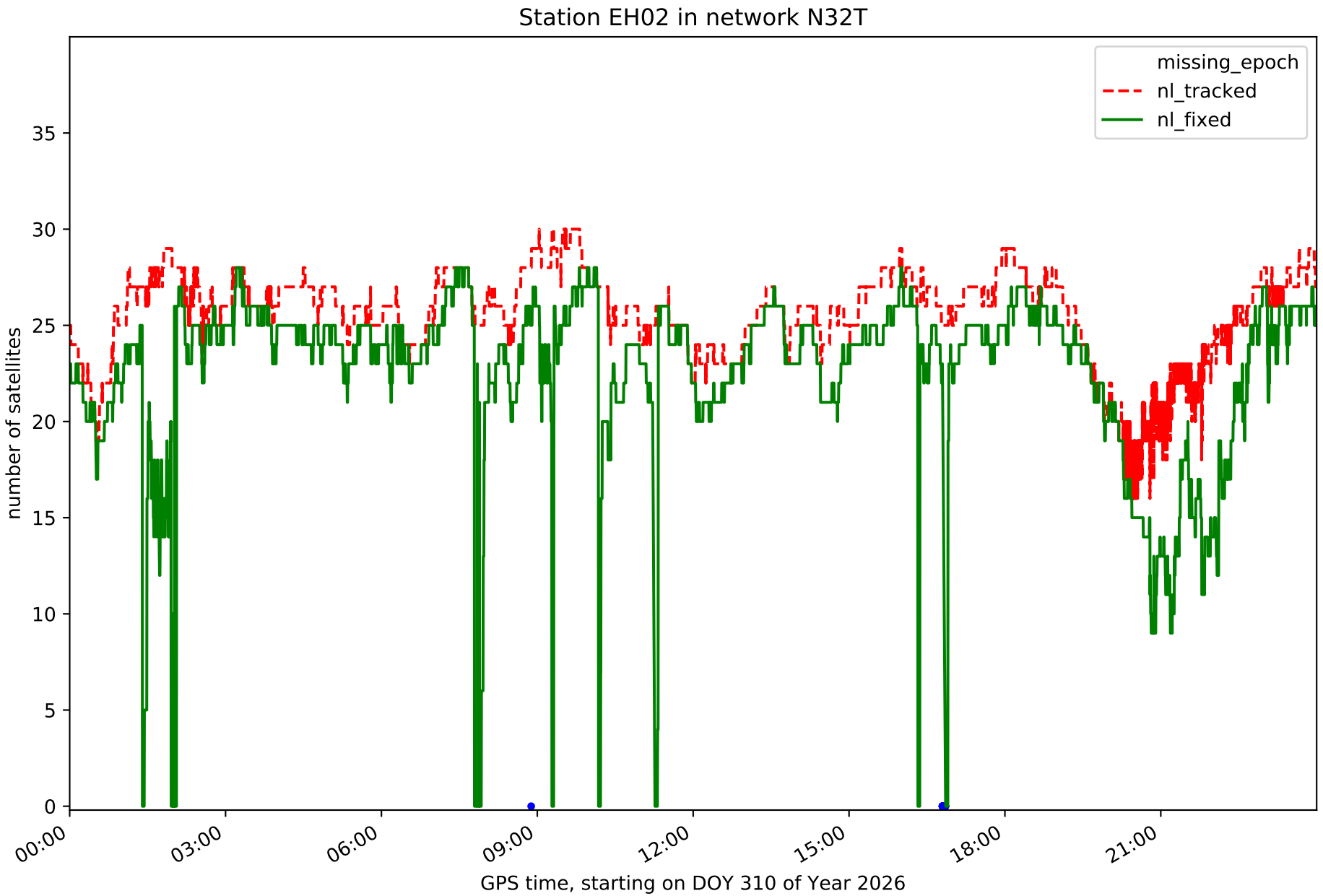

Network N32T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 310 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (91.1 % fixed)
l2_tracked
l2_fixed (91.0 % fixed)
l5_tracked
l5_fixed (91.9 % fixed)

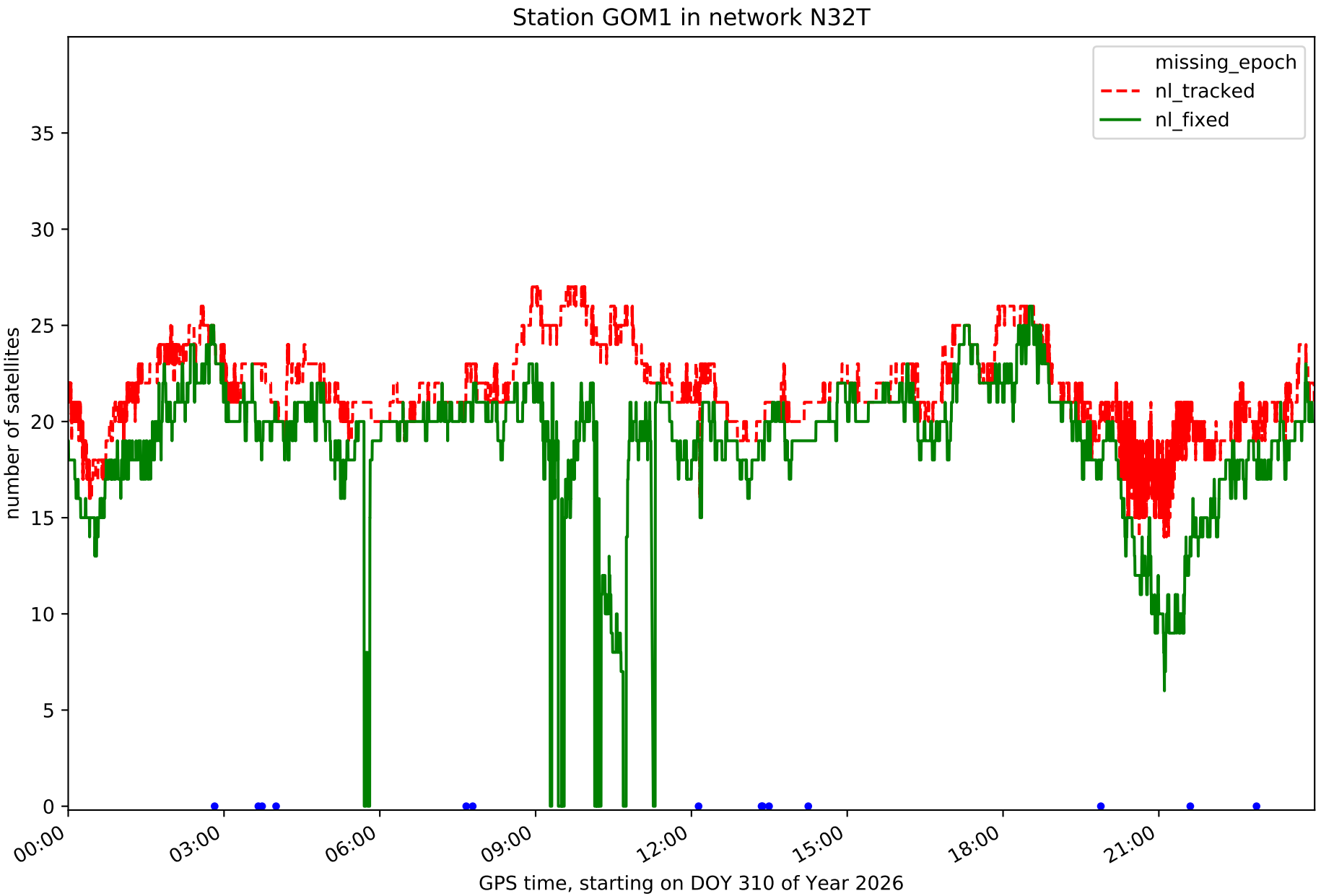

Network N32T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (90.9 % fixed)
l2_tracked
l2_fixed (90.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

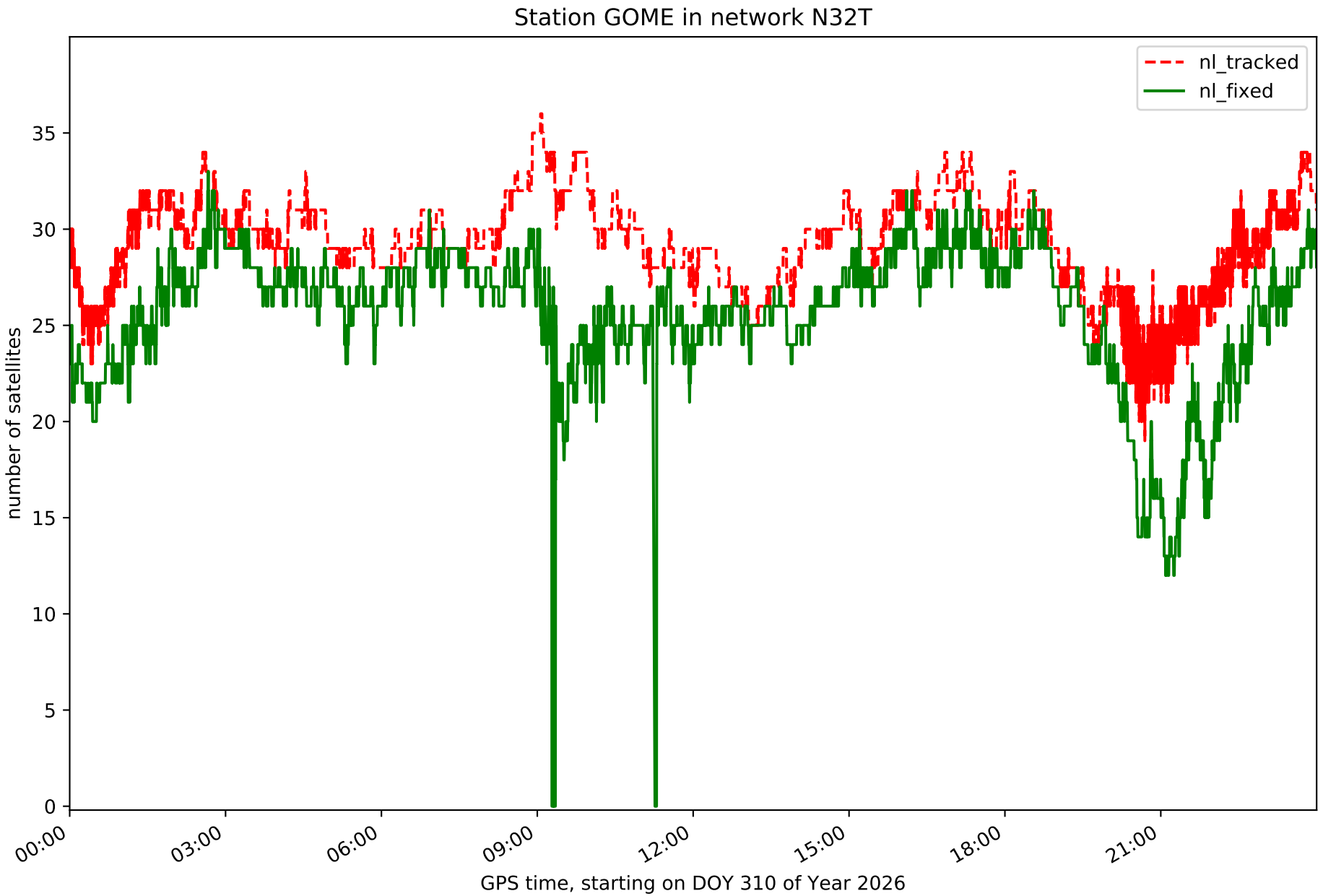

Network N32T - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 310 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (90.7 % fixed)
I6_tracked
I6_fixed (90.7 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

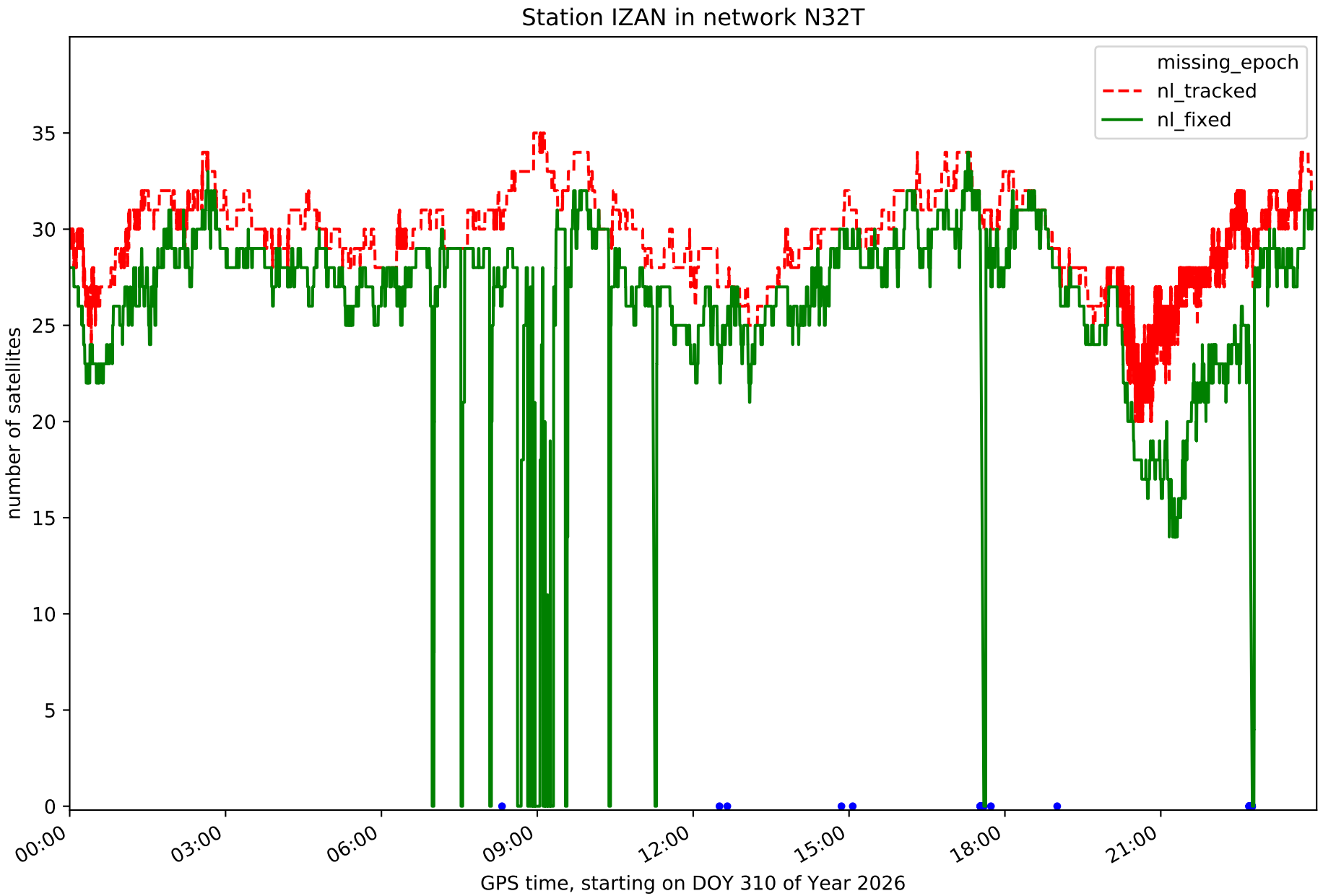

Network N32T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 310 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (90.9 % fixed)
l5_tracked
l5_fixed (90.8 % fixed)
l7_tracked
l7_fixed (91.1 % fixed)

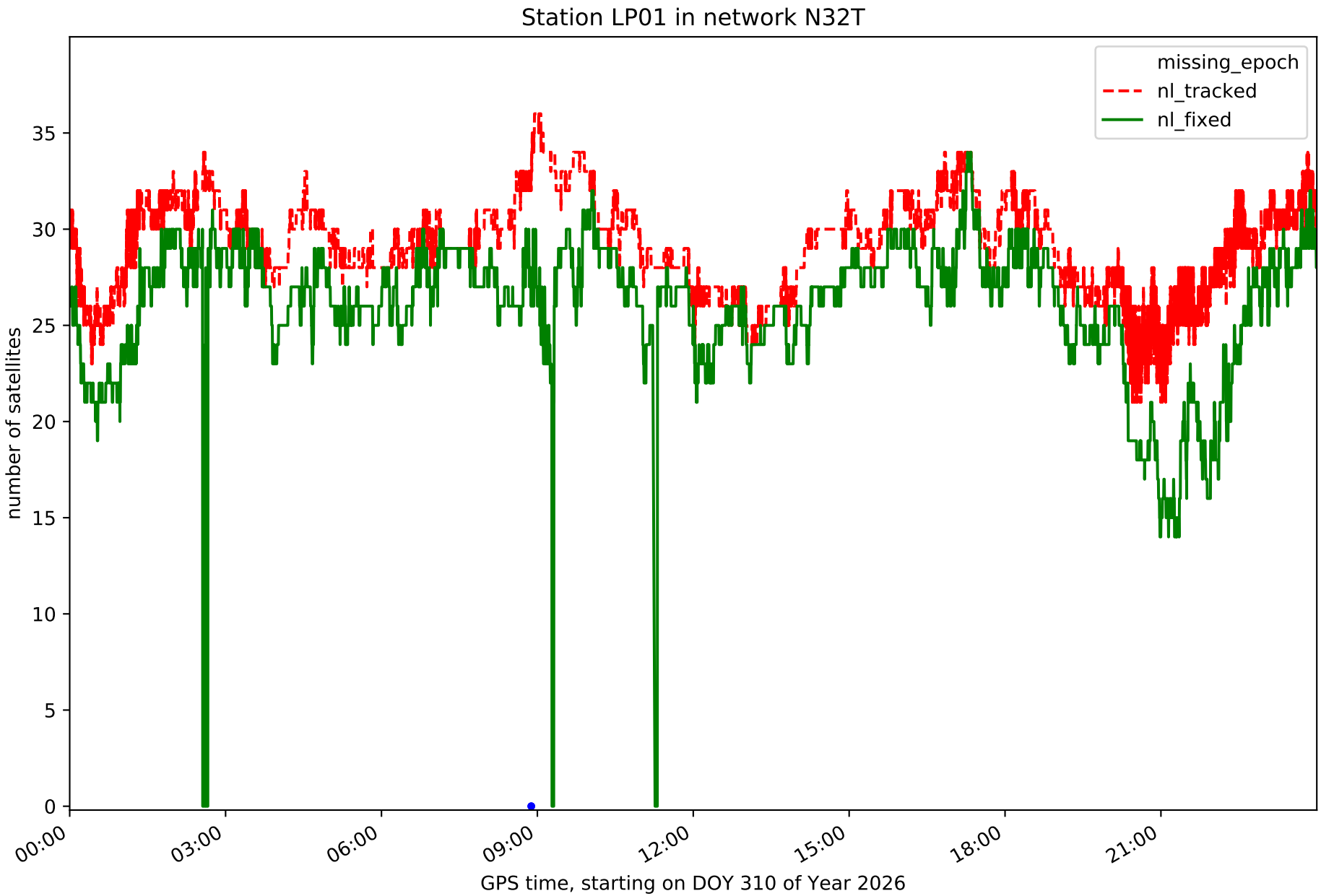

Station EH01 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

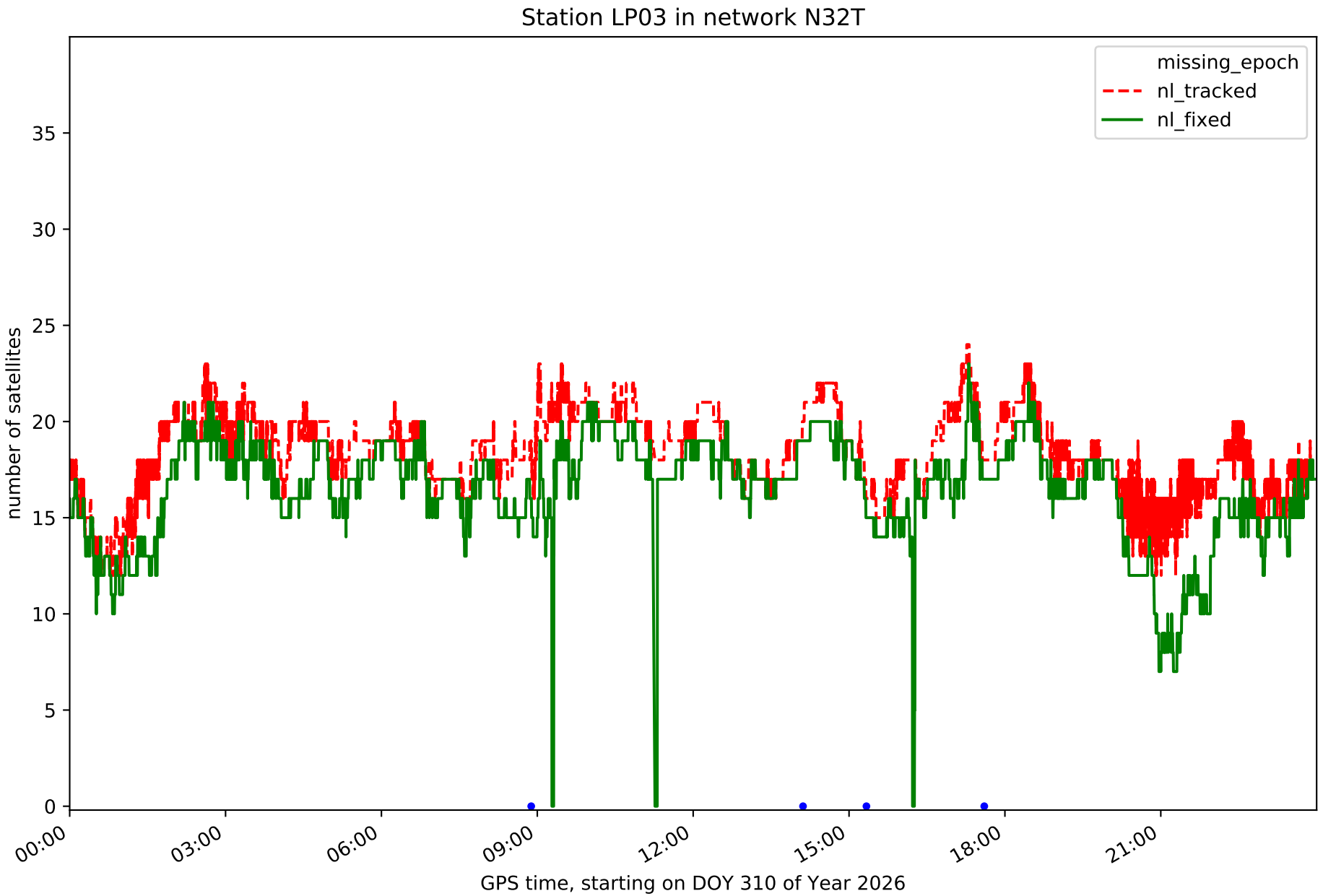

Station EH02 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

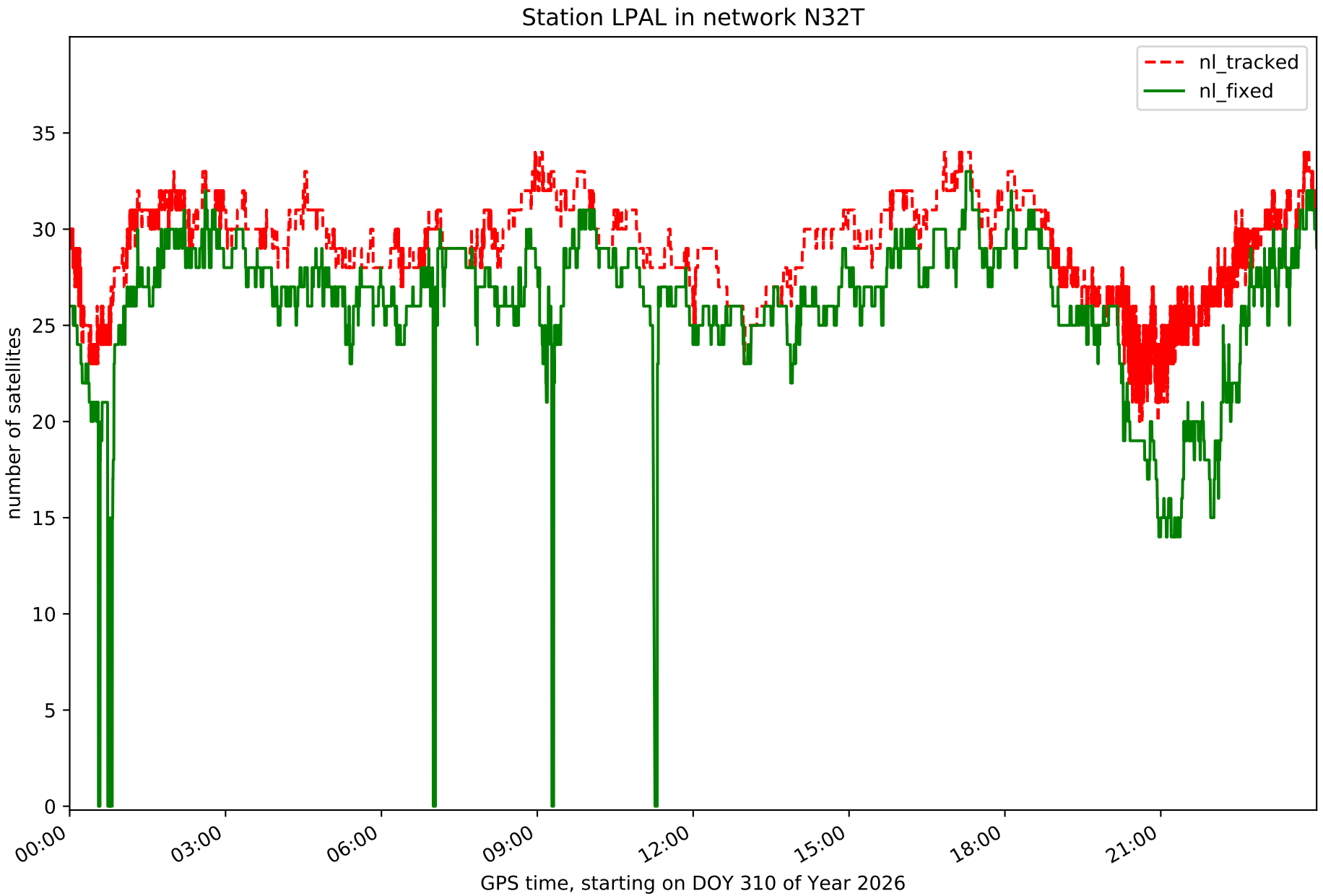

Station GOM1 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

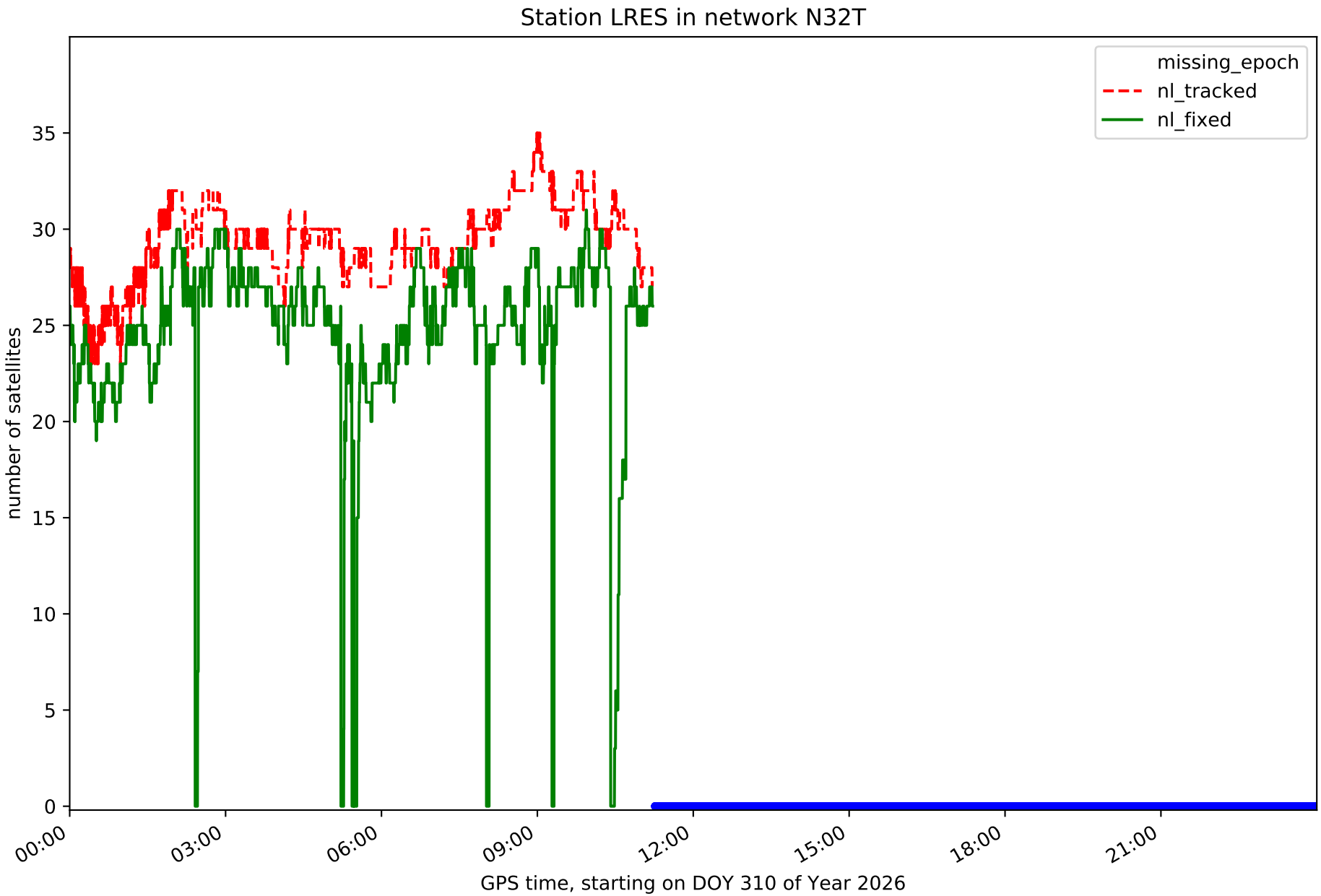

Station GOME in network N32T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

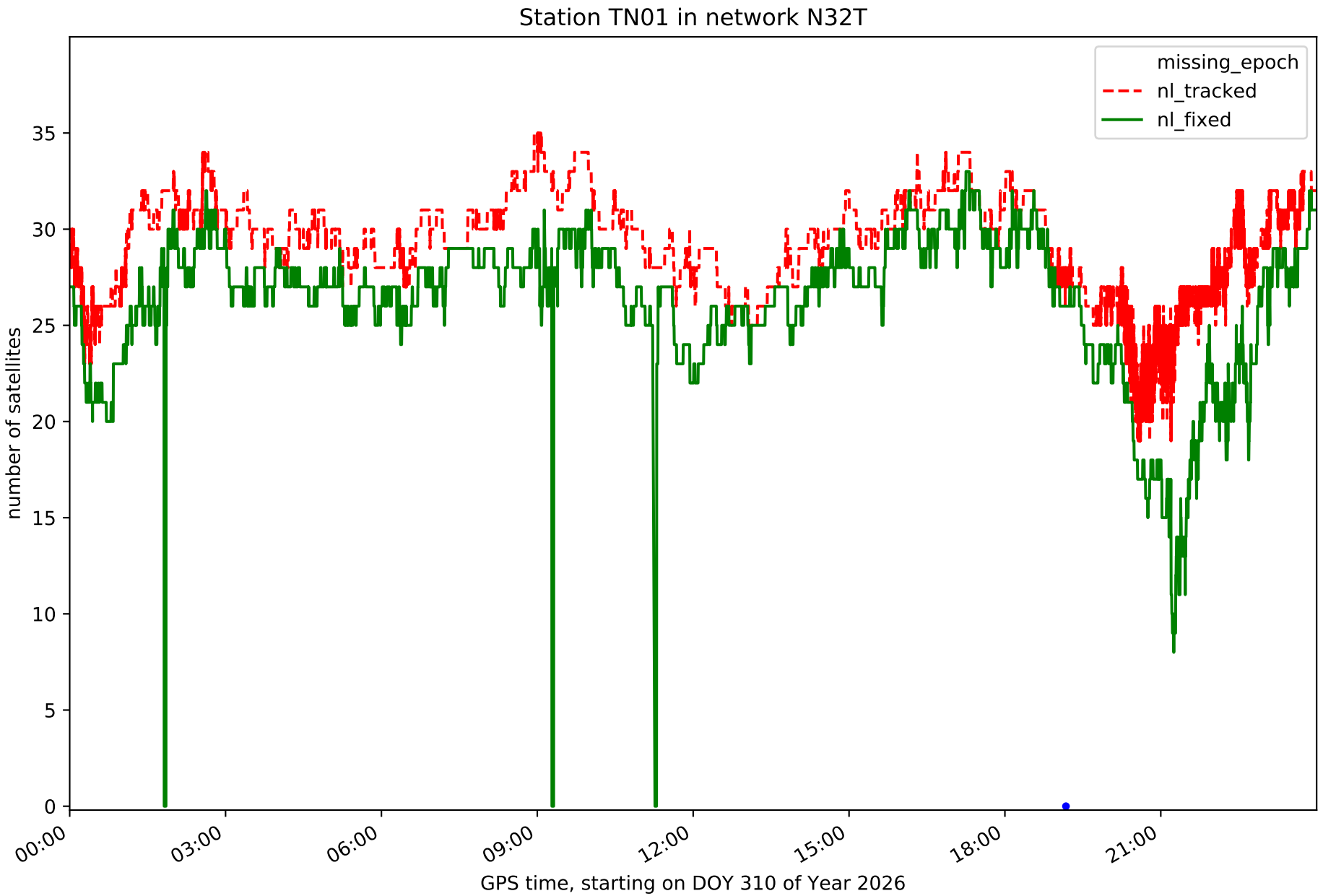

Station IZAN in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

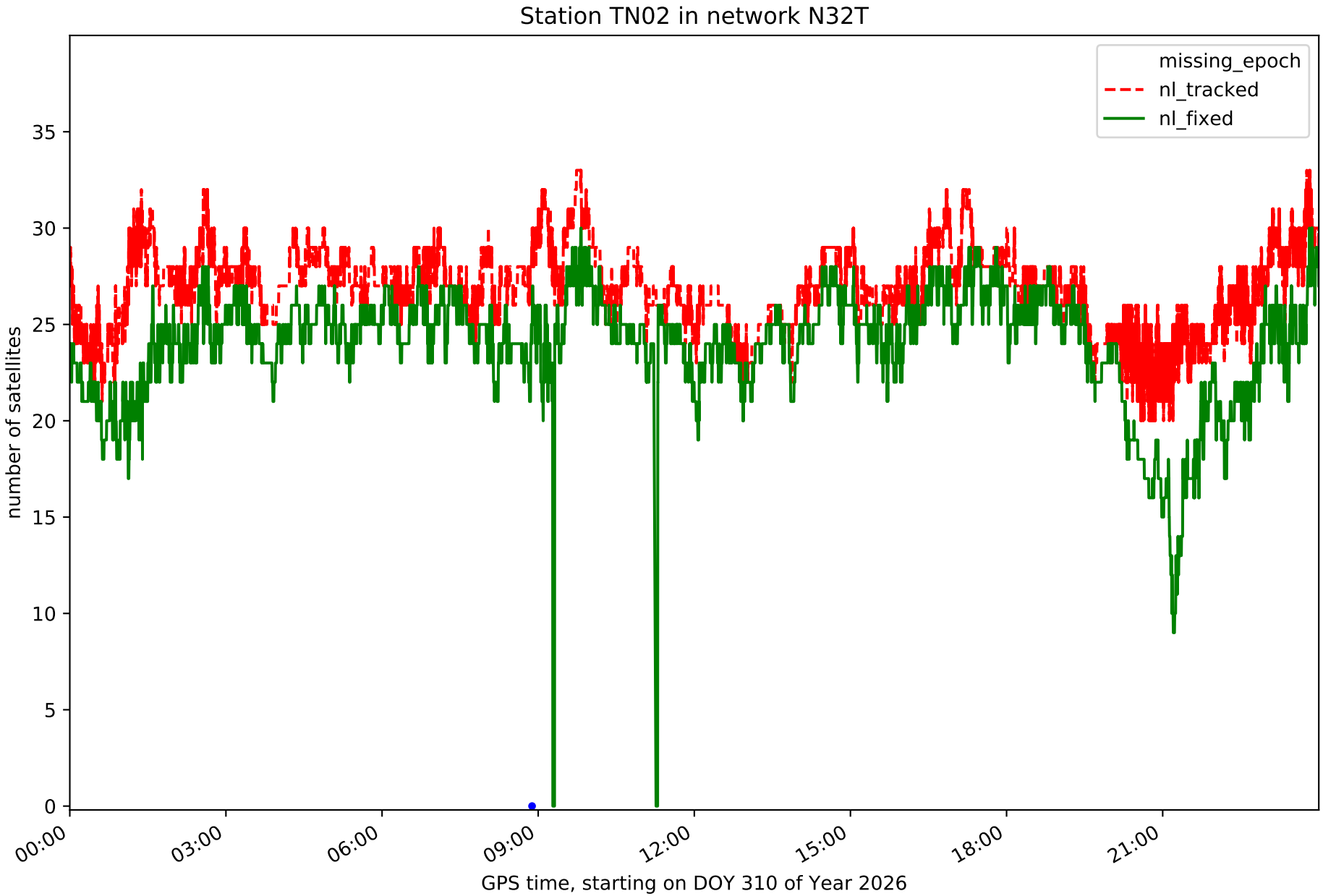

Station LP01 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

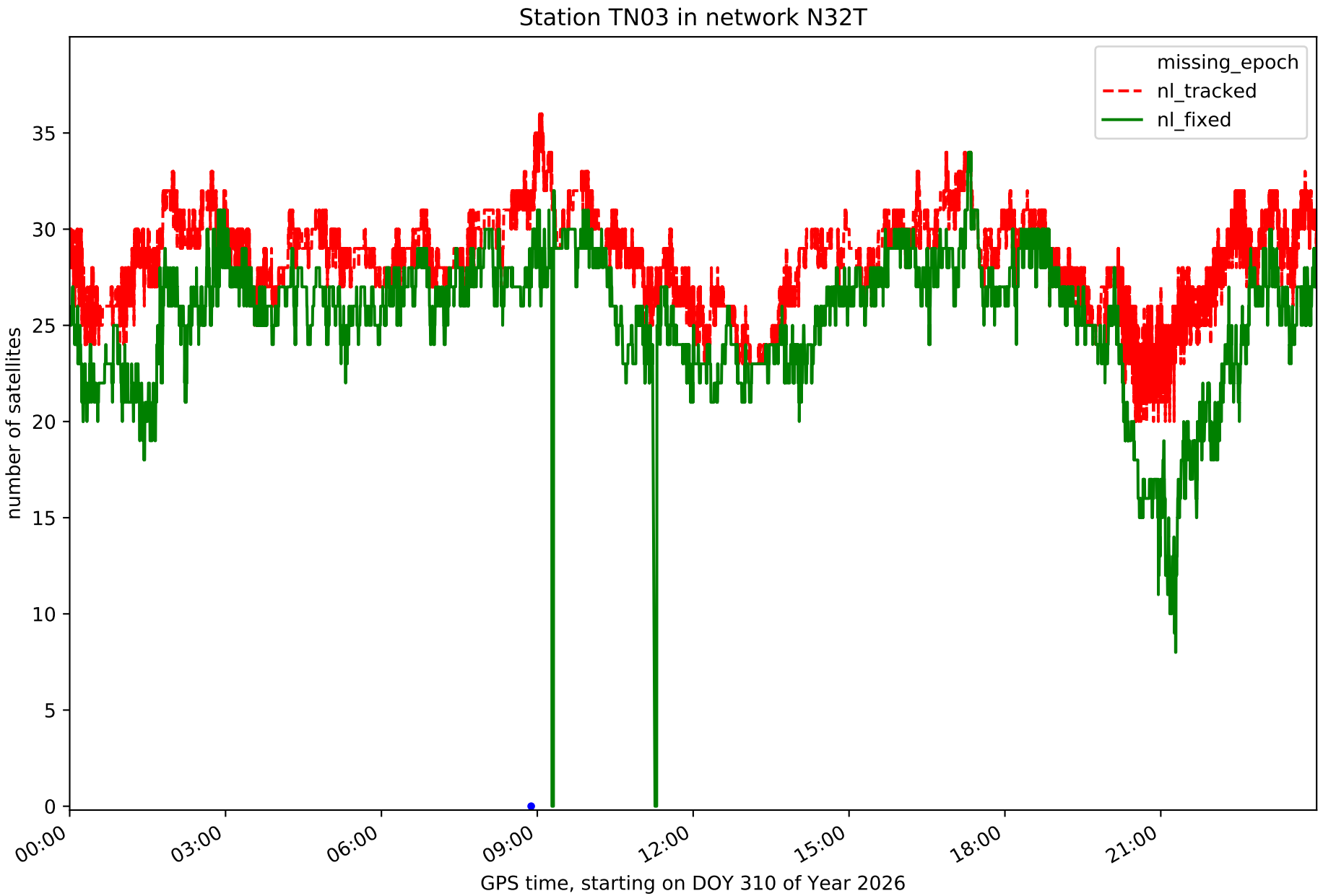

Station LP03 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

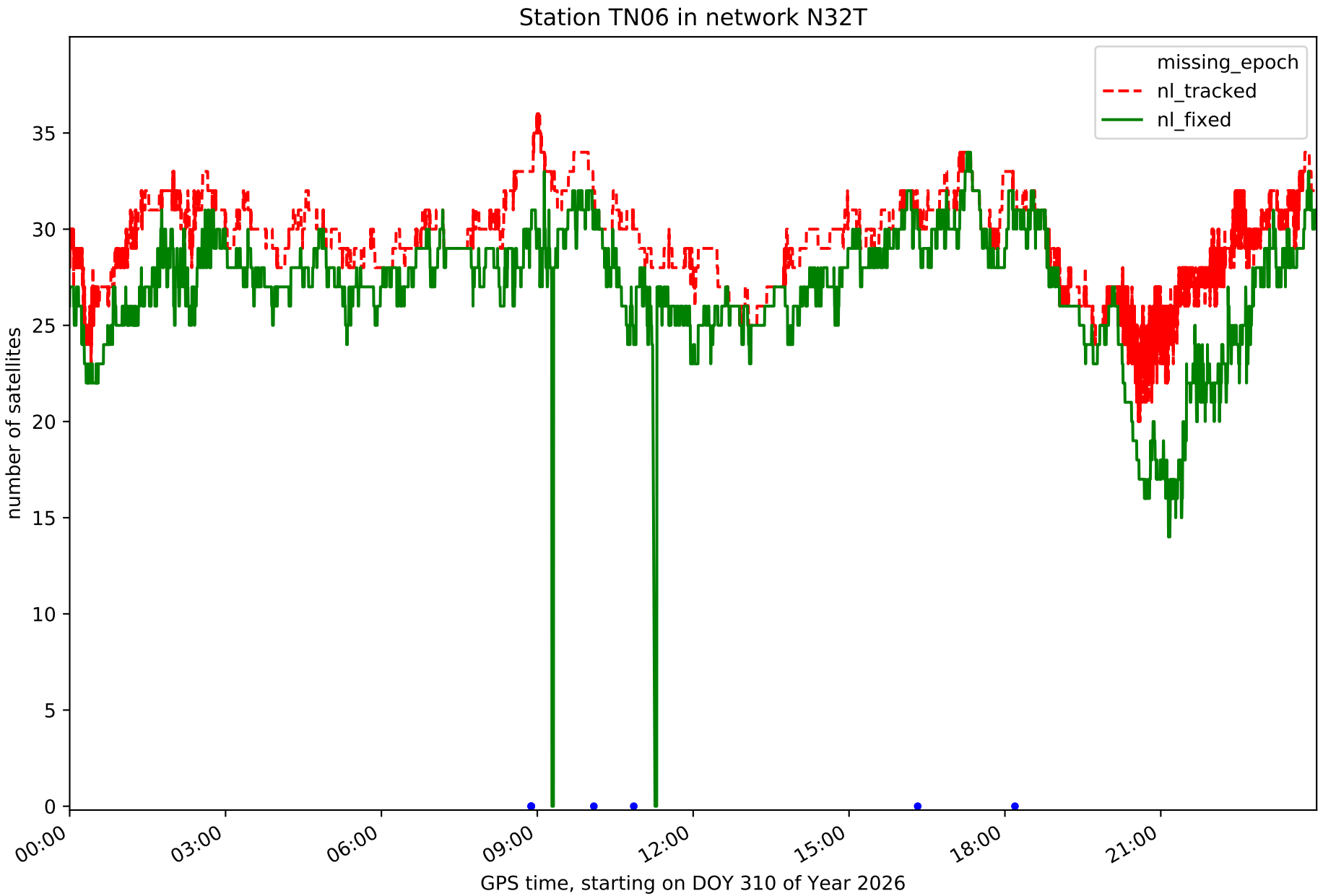

Station LPAL in network N32T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

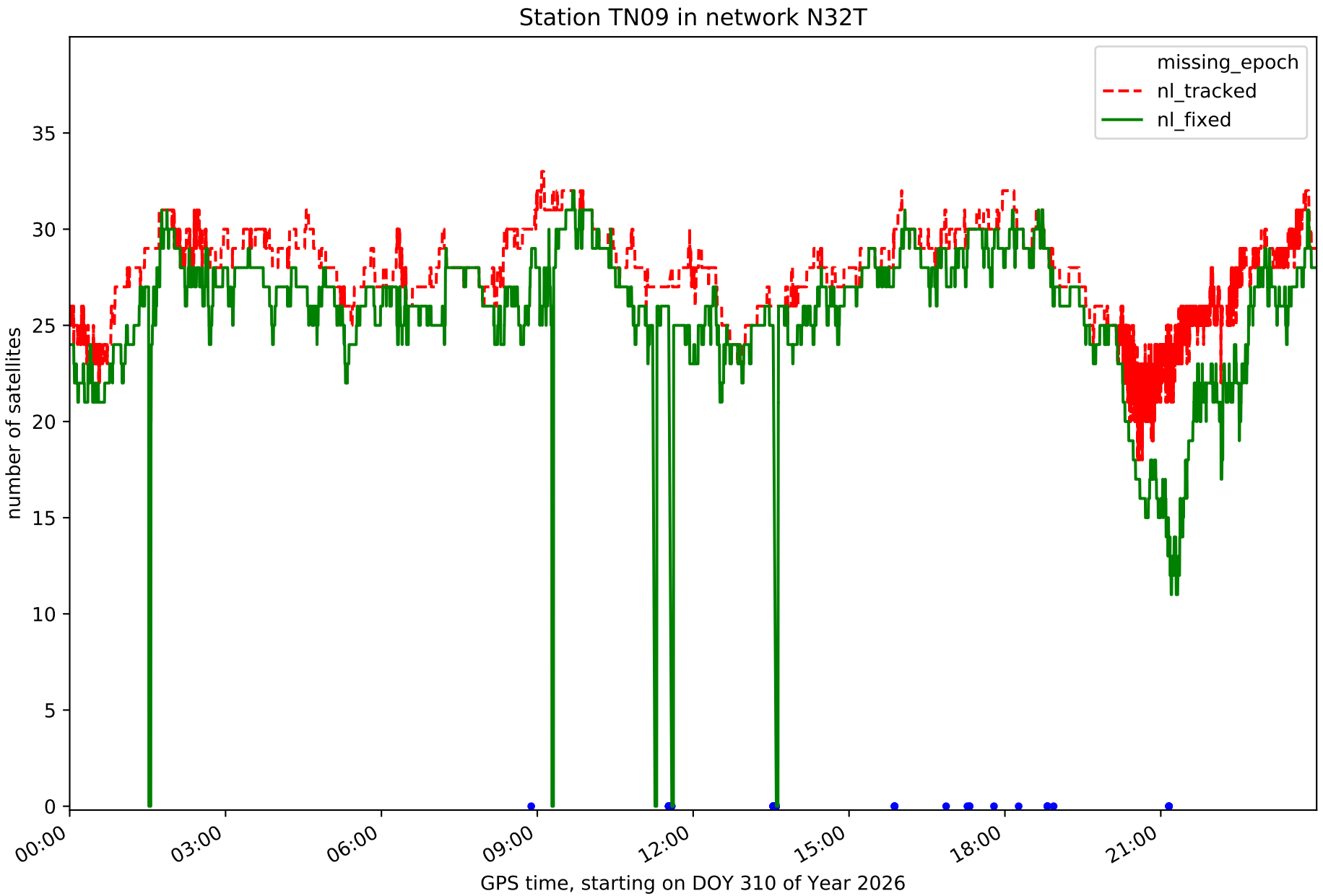

Station LRES in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

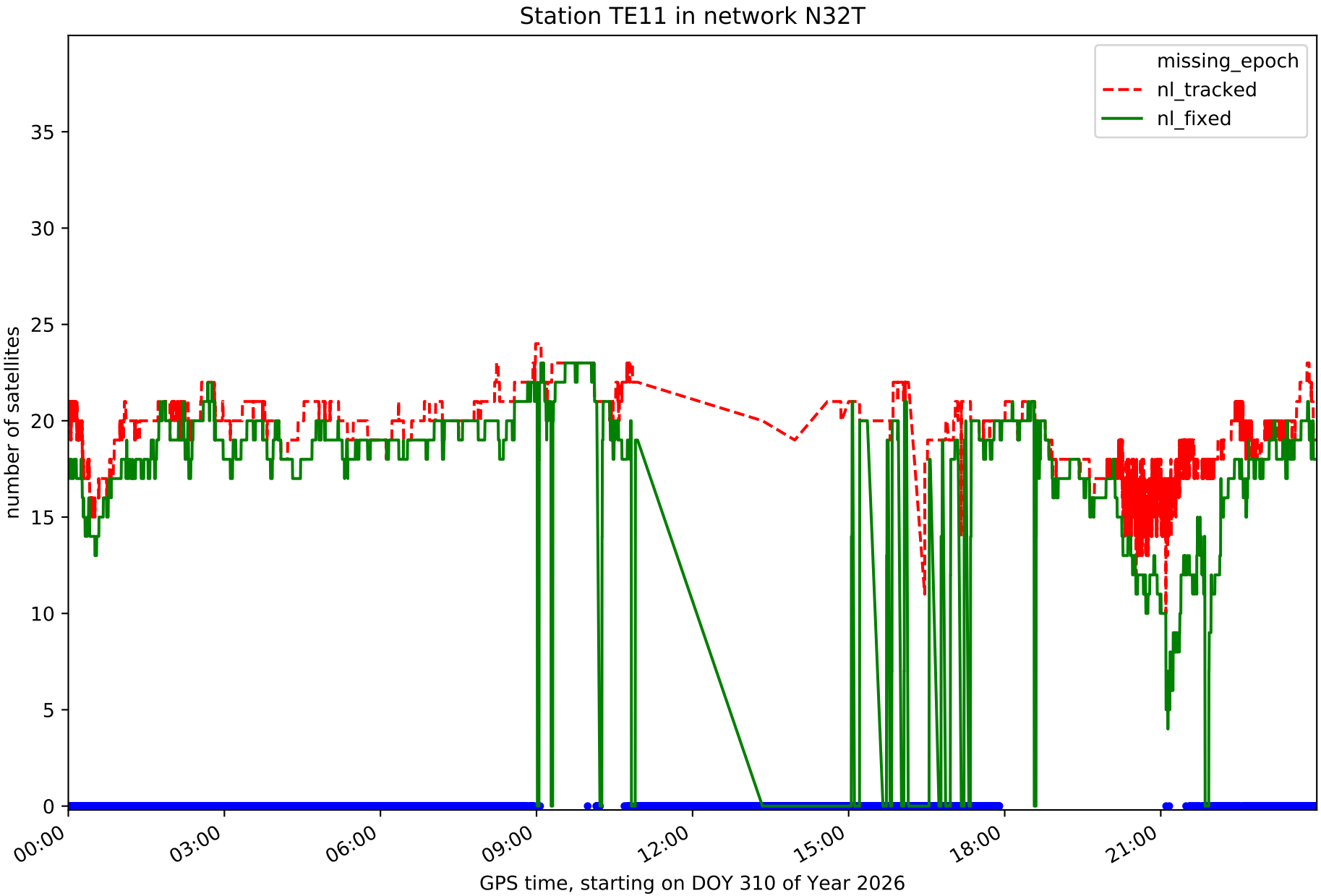

Station TN01 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

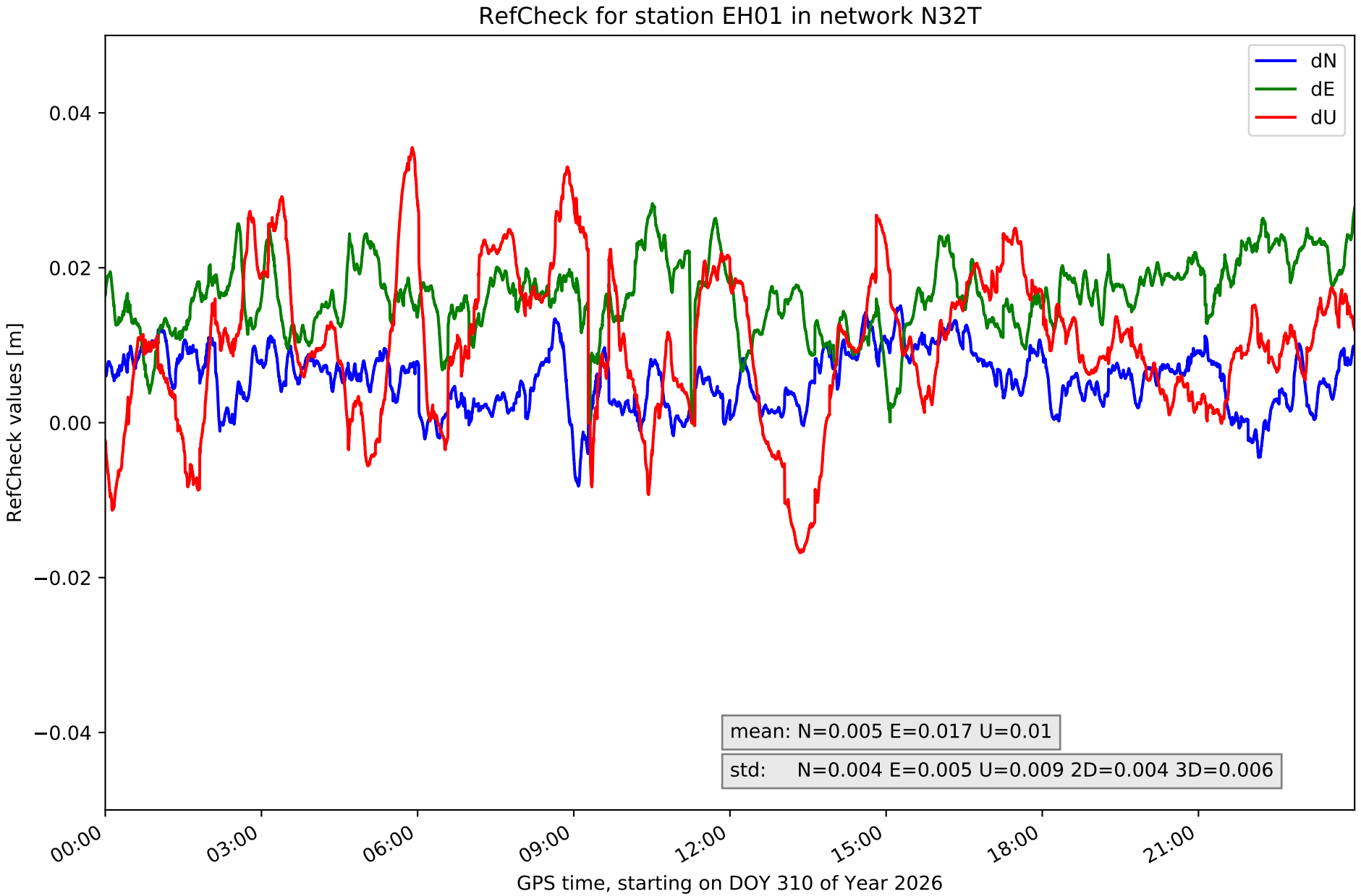

Station TN02 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

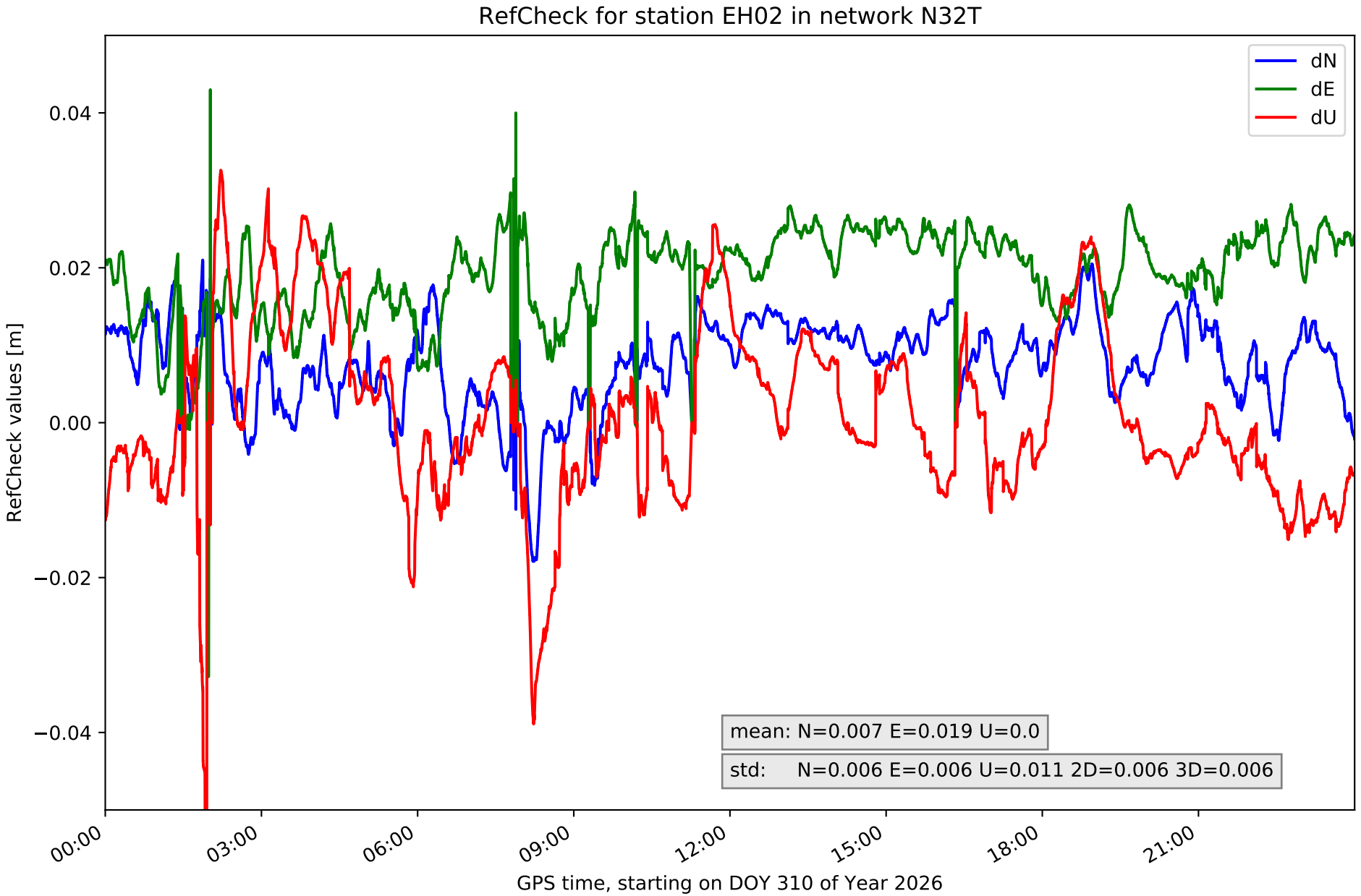

Station TN03 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

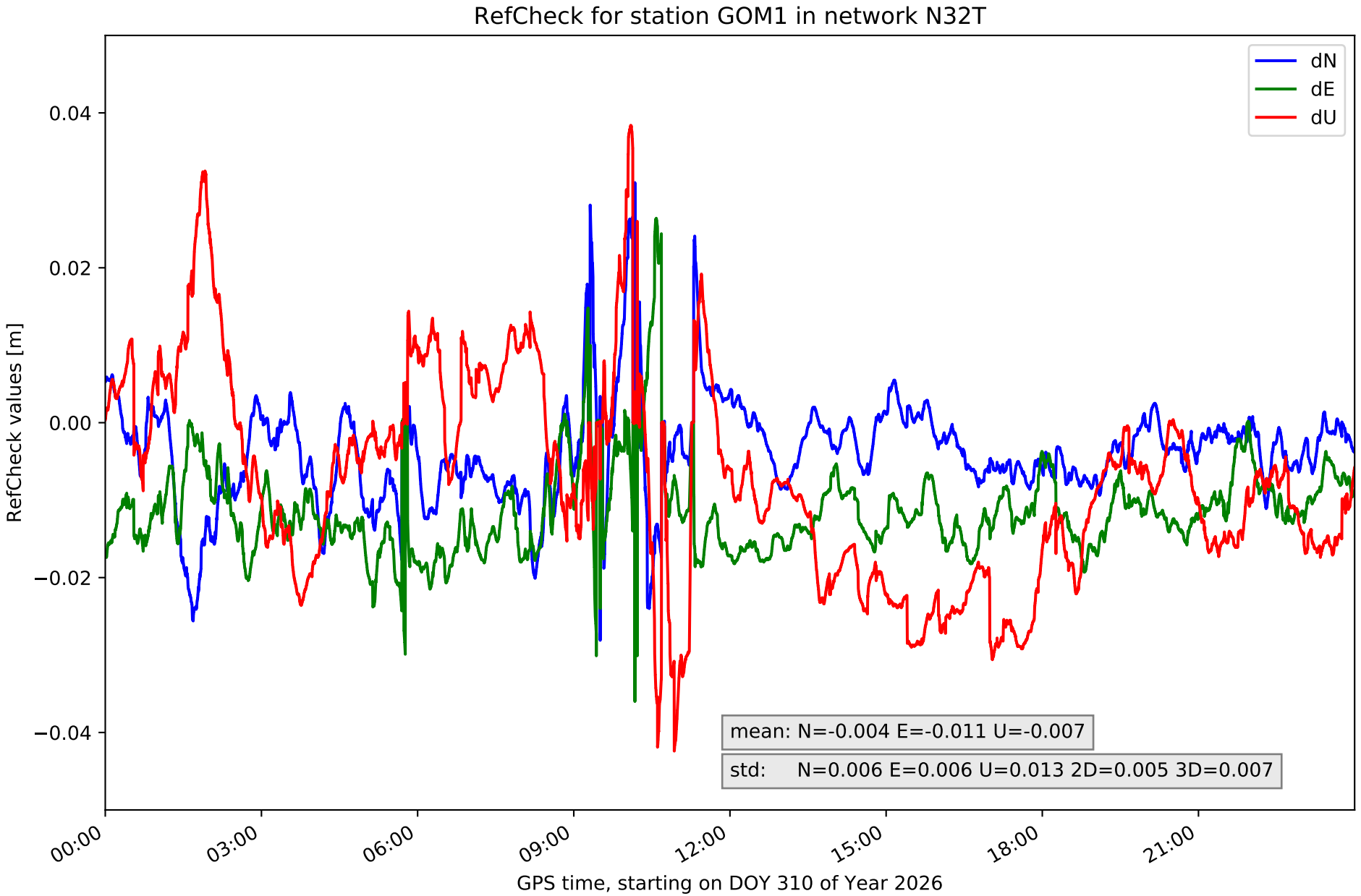

Station TN06 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

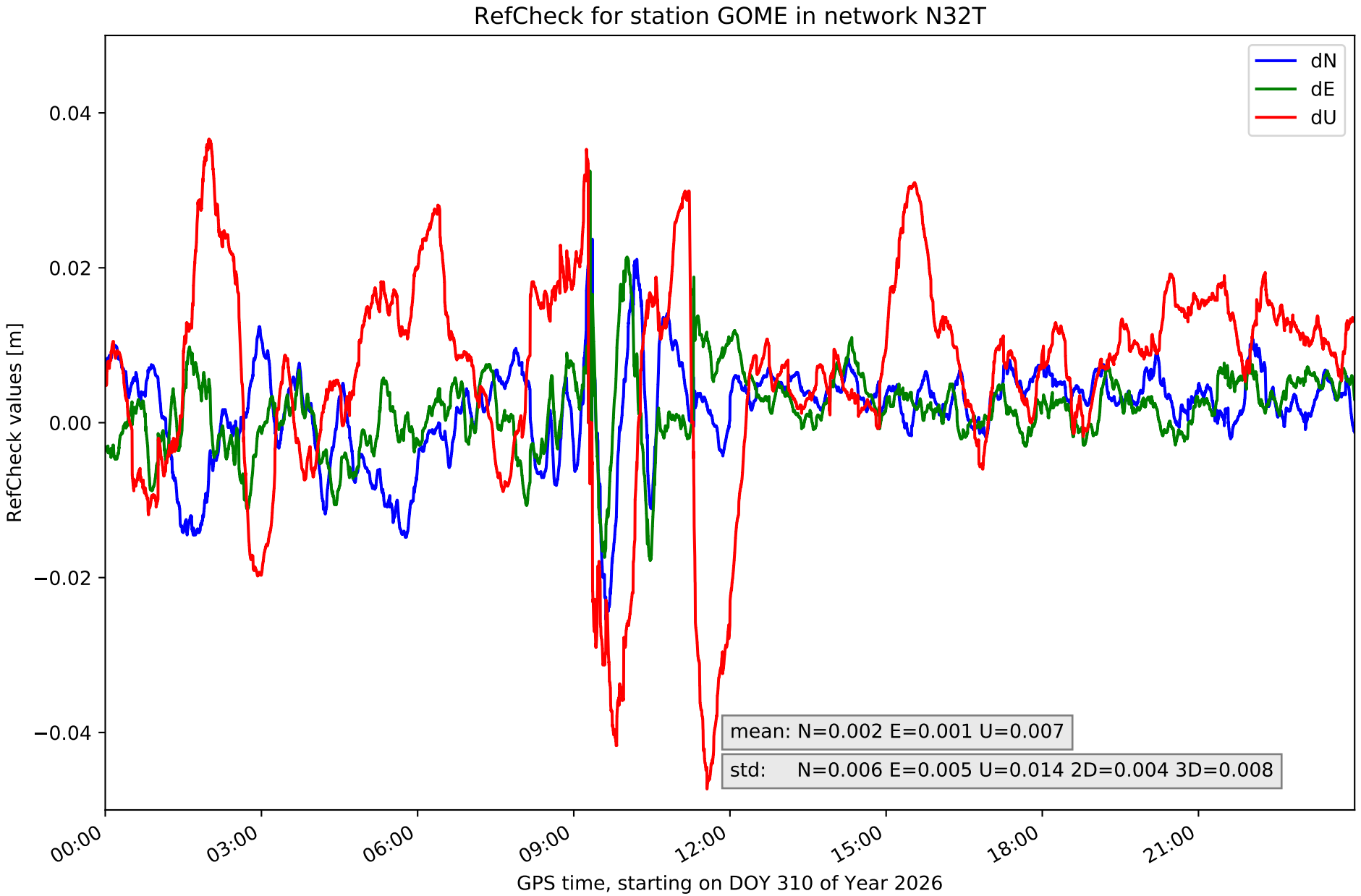

Station TN09 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

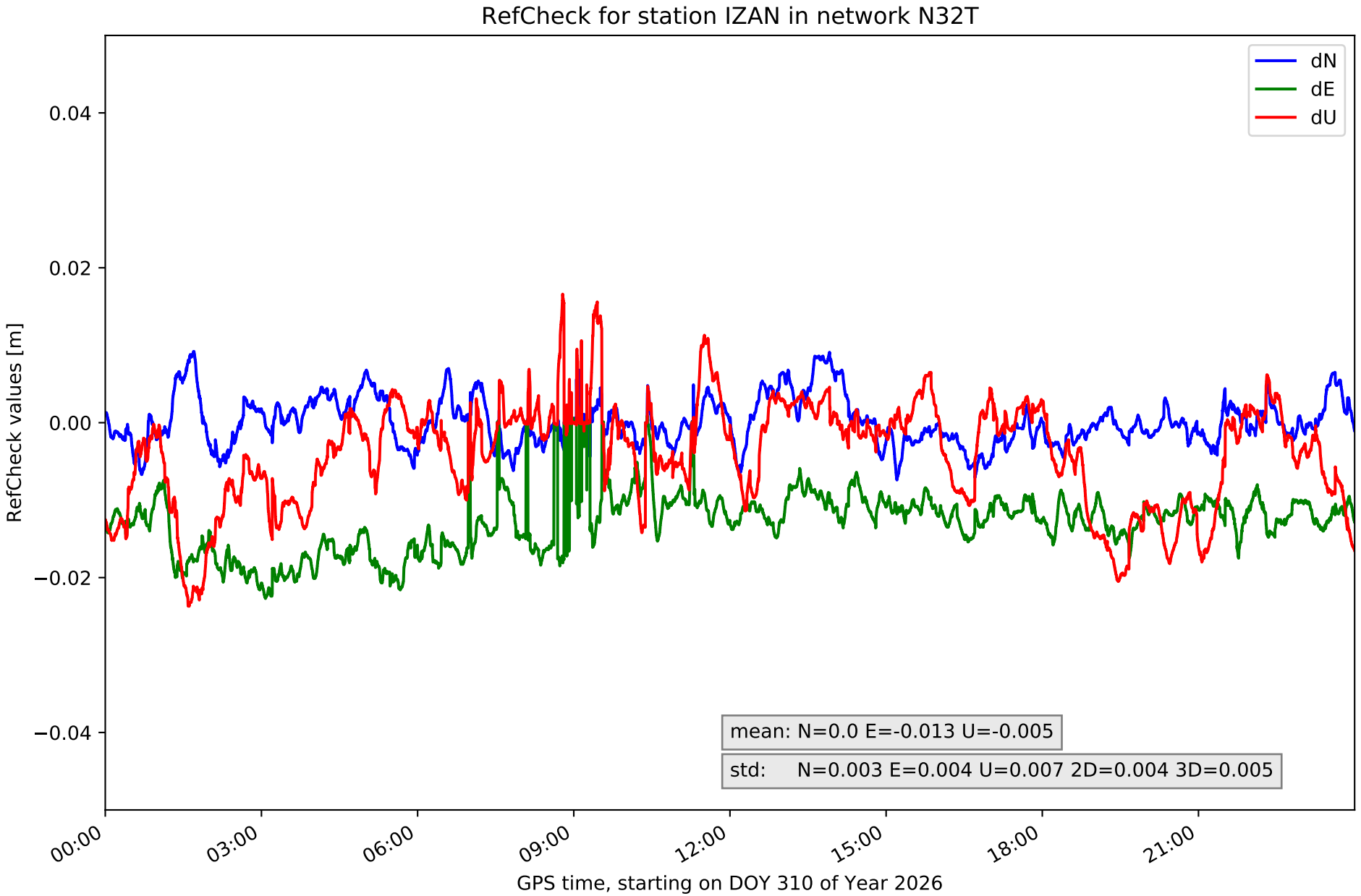

Station TE11 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

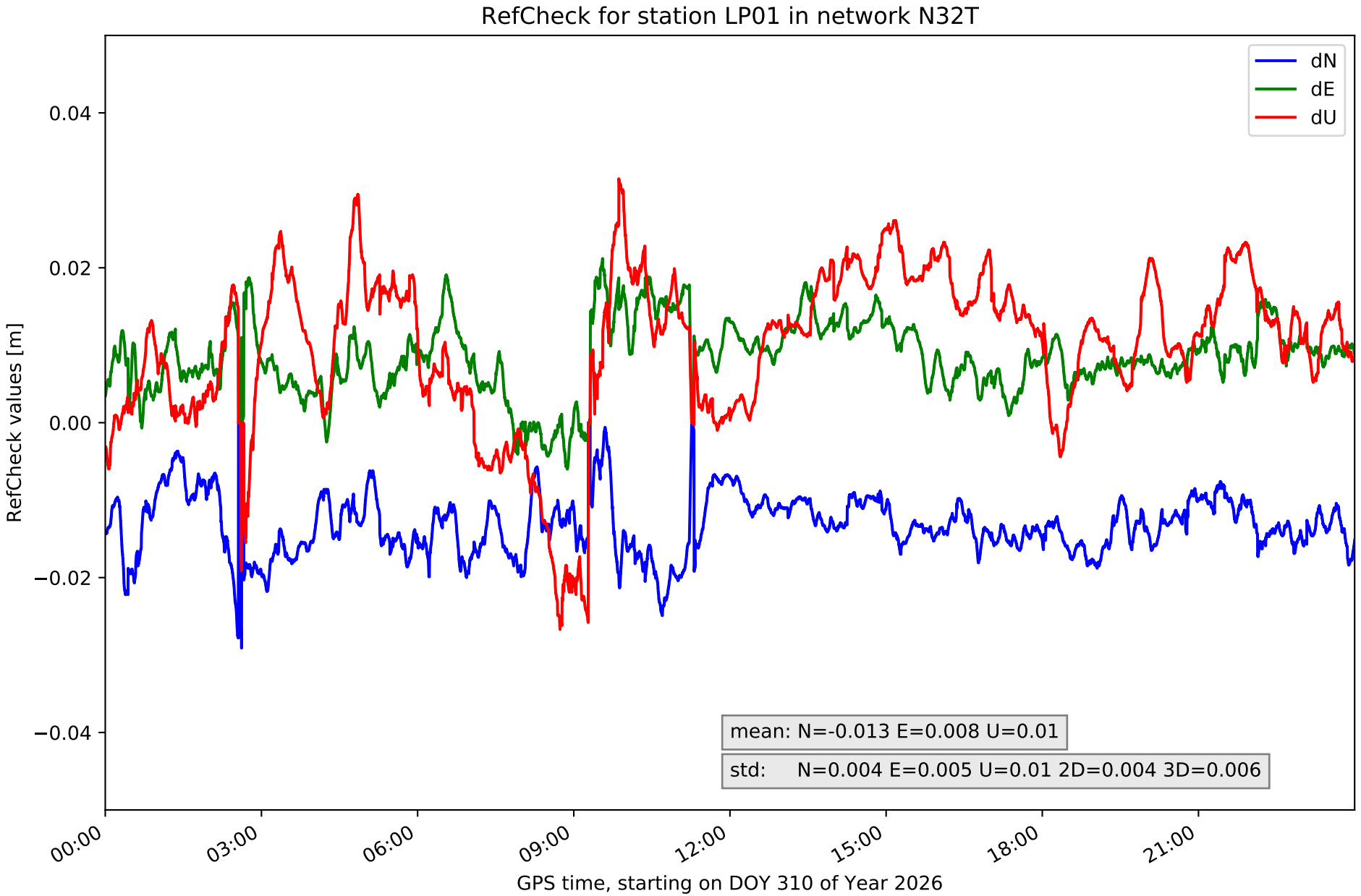

RefCheck for station EH01 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=0.017 U=0.01
std: N=0.004 E=0.005 U=0.009 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

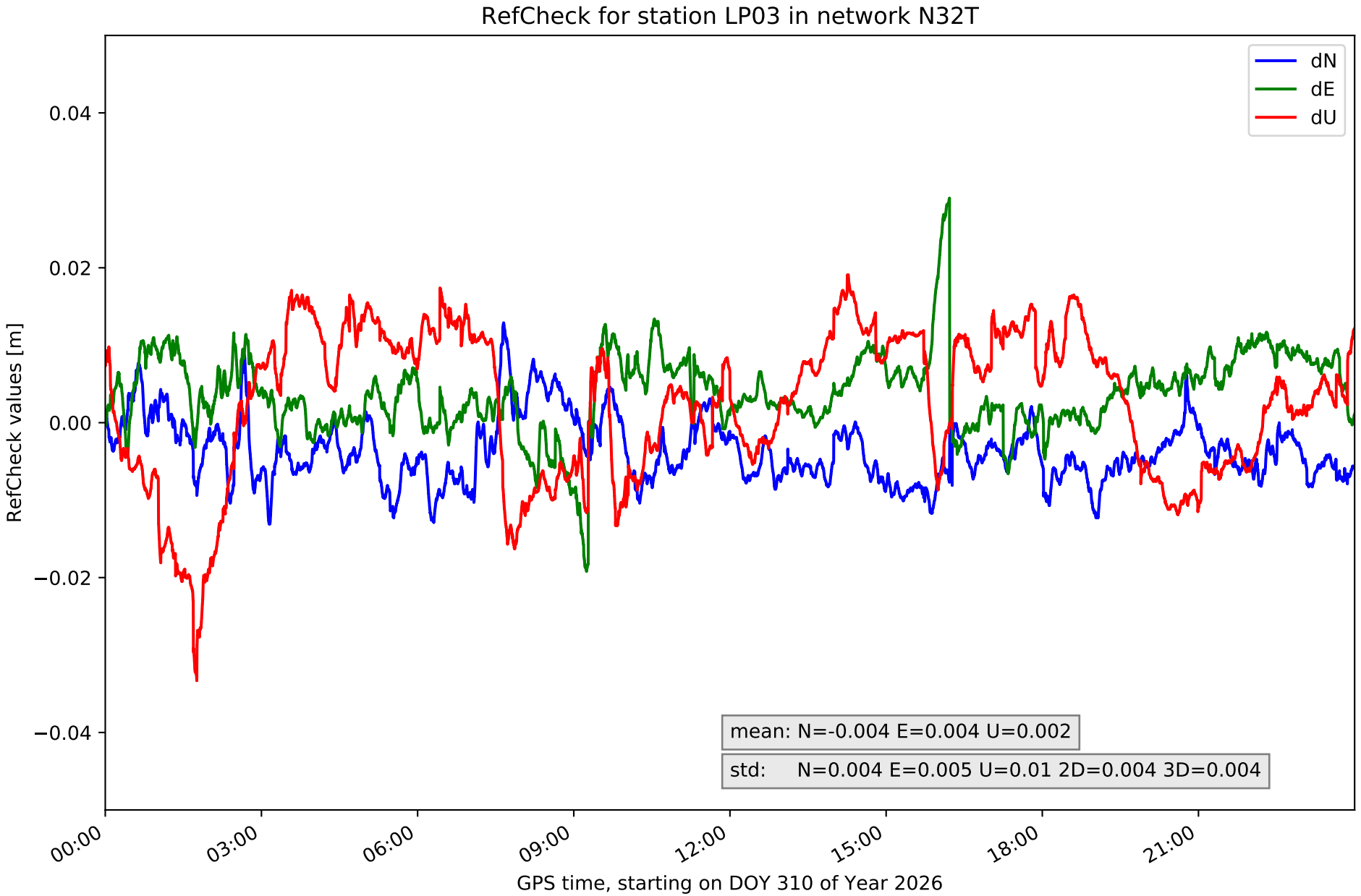

RefCheck for station EH02 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=0.019 U=0.0
std: N=0.006 E=0.006 U=0.011 2D=0.006 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

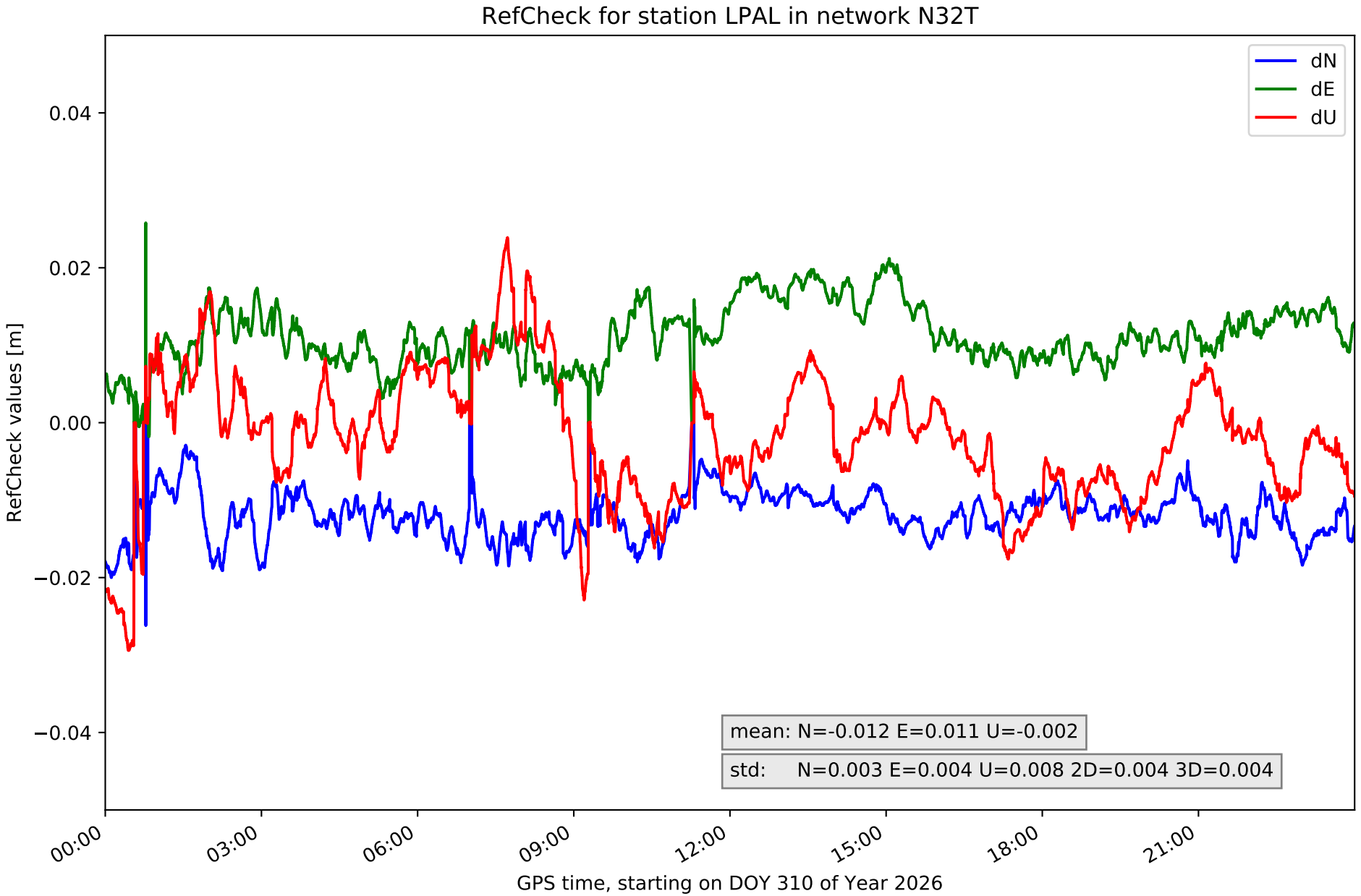

RefCheck for station GOM1 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.011 U=-0.007
std: N=0.006 E=0.006 U=0.013 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

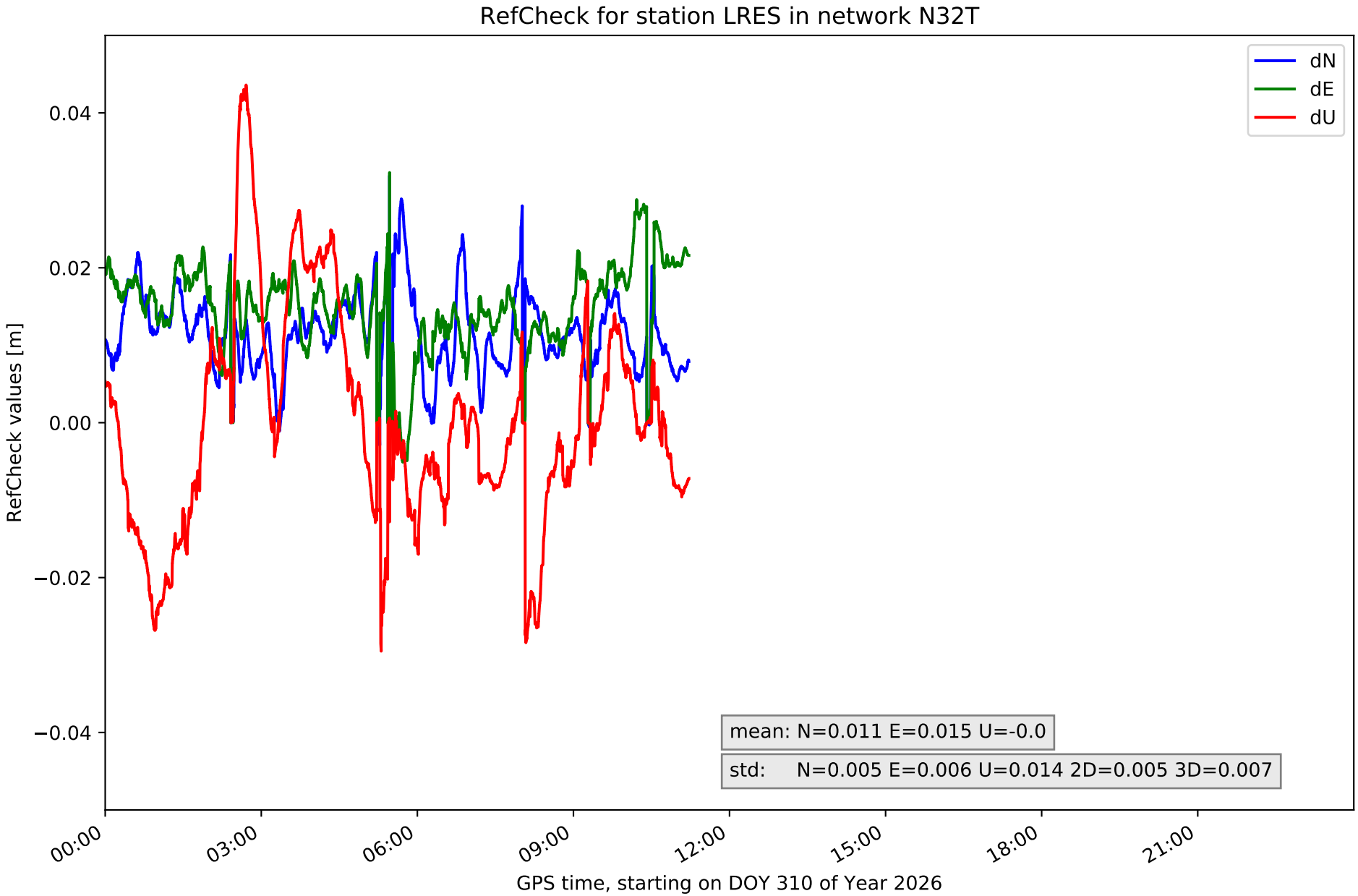

RefCheck for station GOME in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.001 U=0.007
std: N=0.006 E=0.005 U=0.014 2D=0.004 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

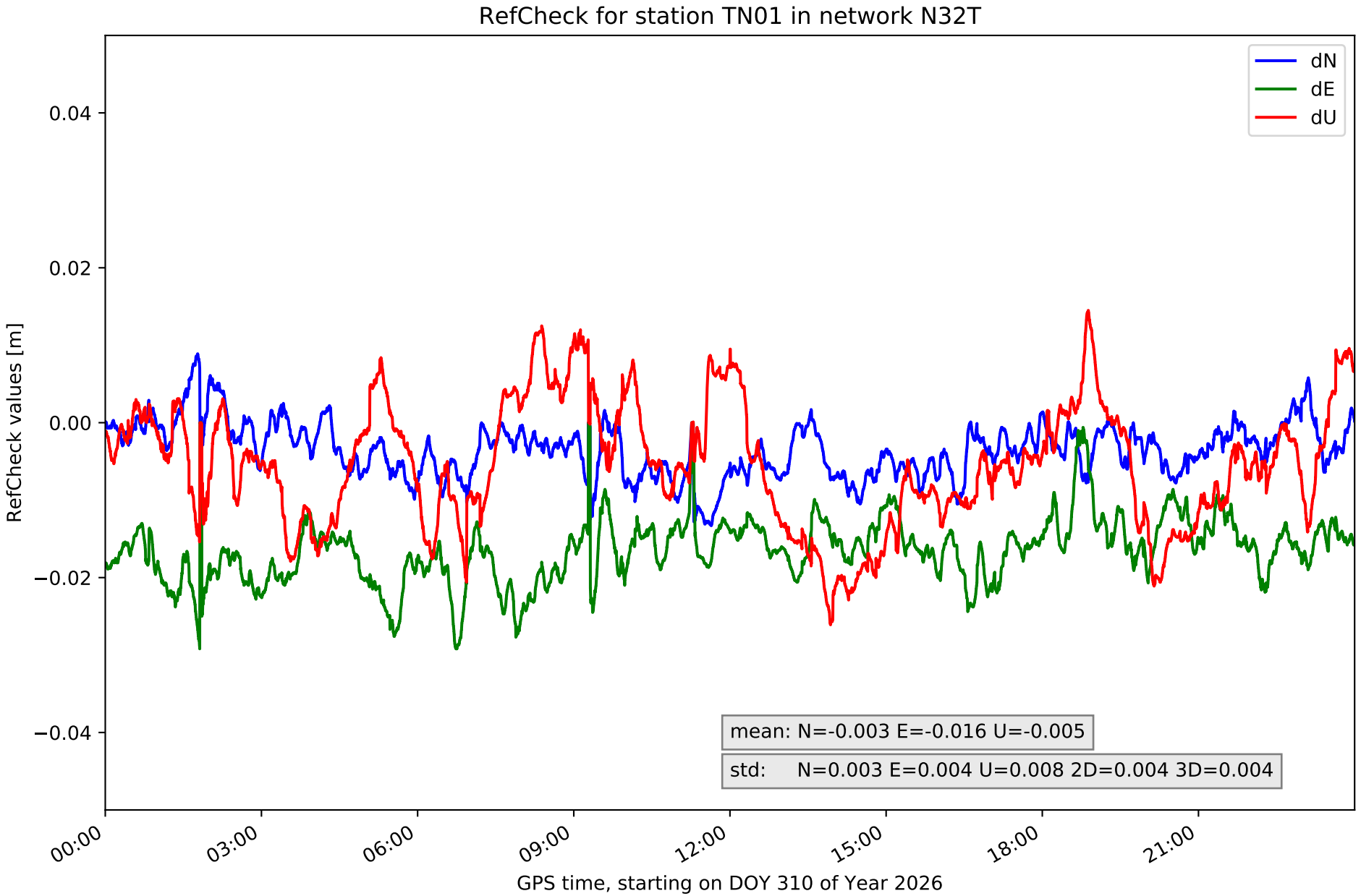

RefCheck for station IZAN in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.013 U=-0.005
std: N=0.003 E=0.004 U=0.007 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

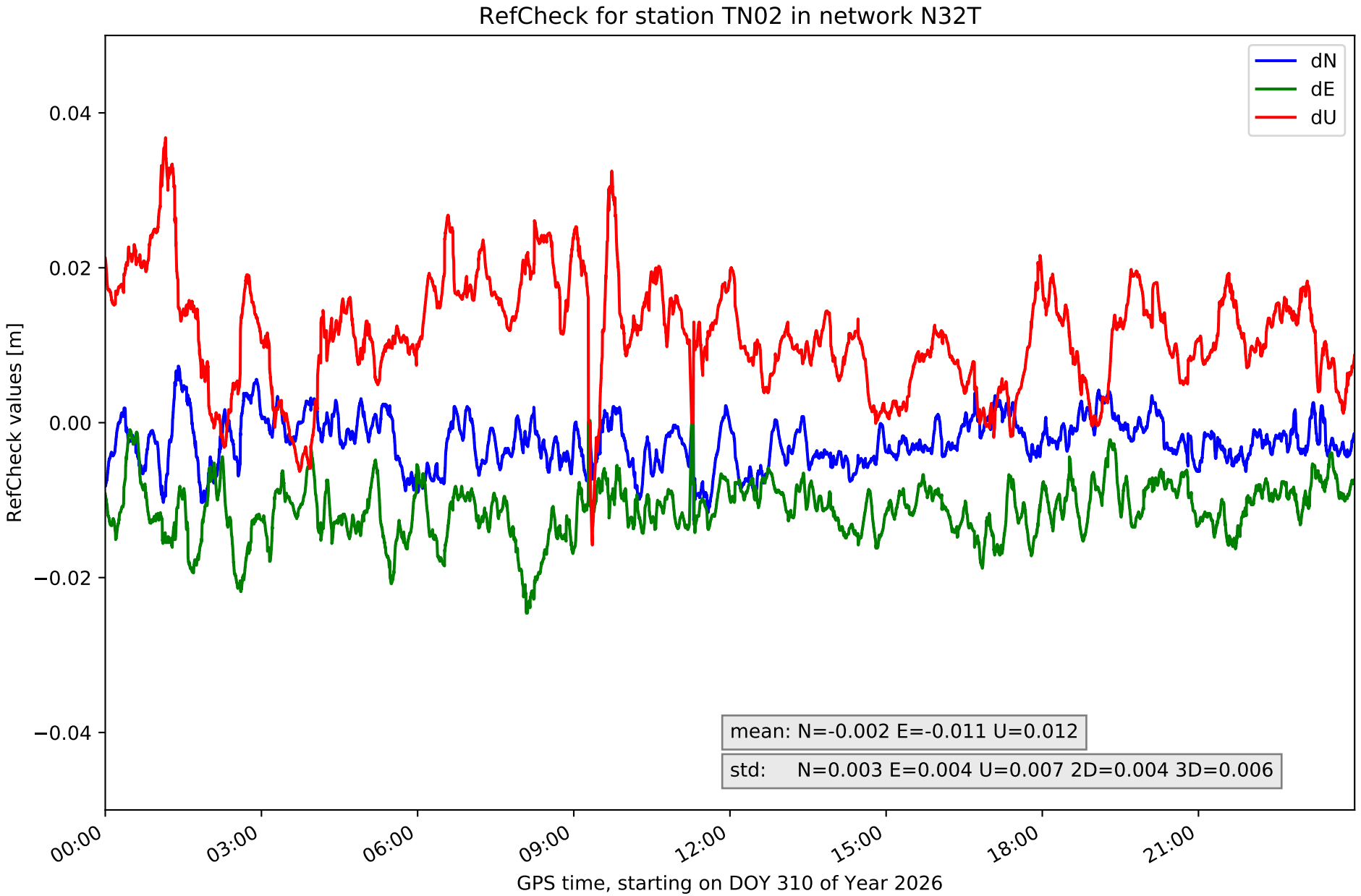

RefCheck for station LP01 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.013 E=0.008 U=0.01
std: N=0.004 E=0.005 U=0.01 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

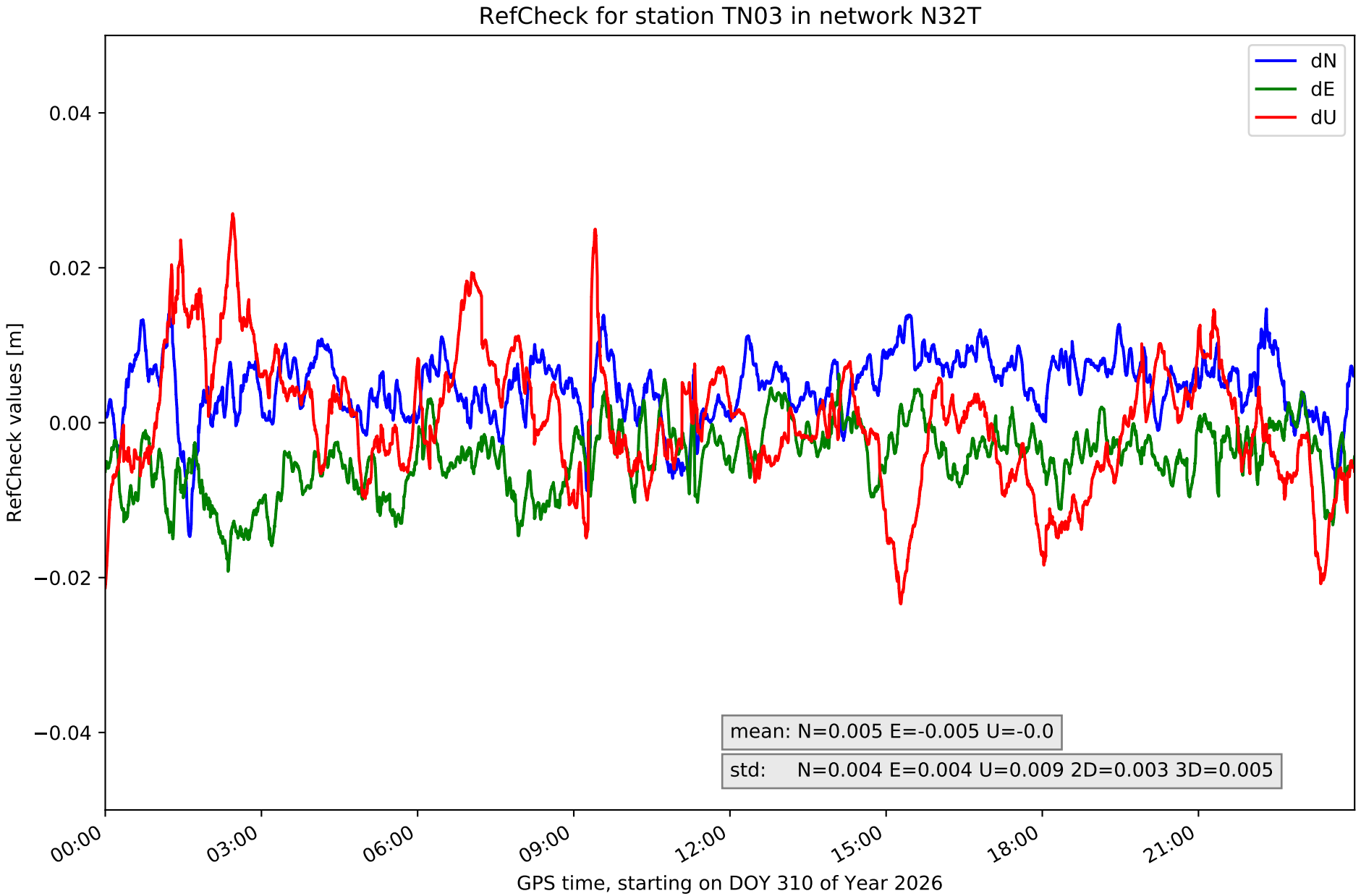

RefCheck for station LP03 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=0.004 U=0.002
std: N=0.004 E=0.005 U=0.01 2D=0.004 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

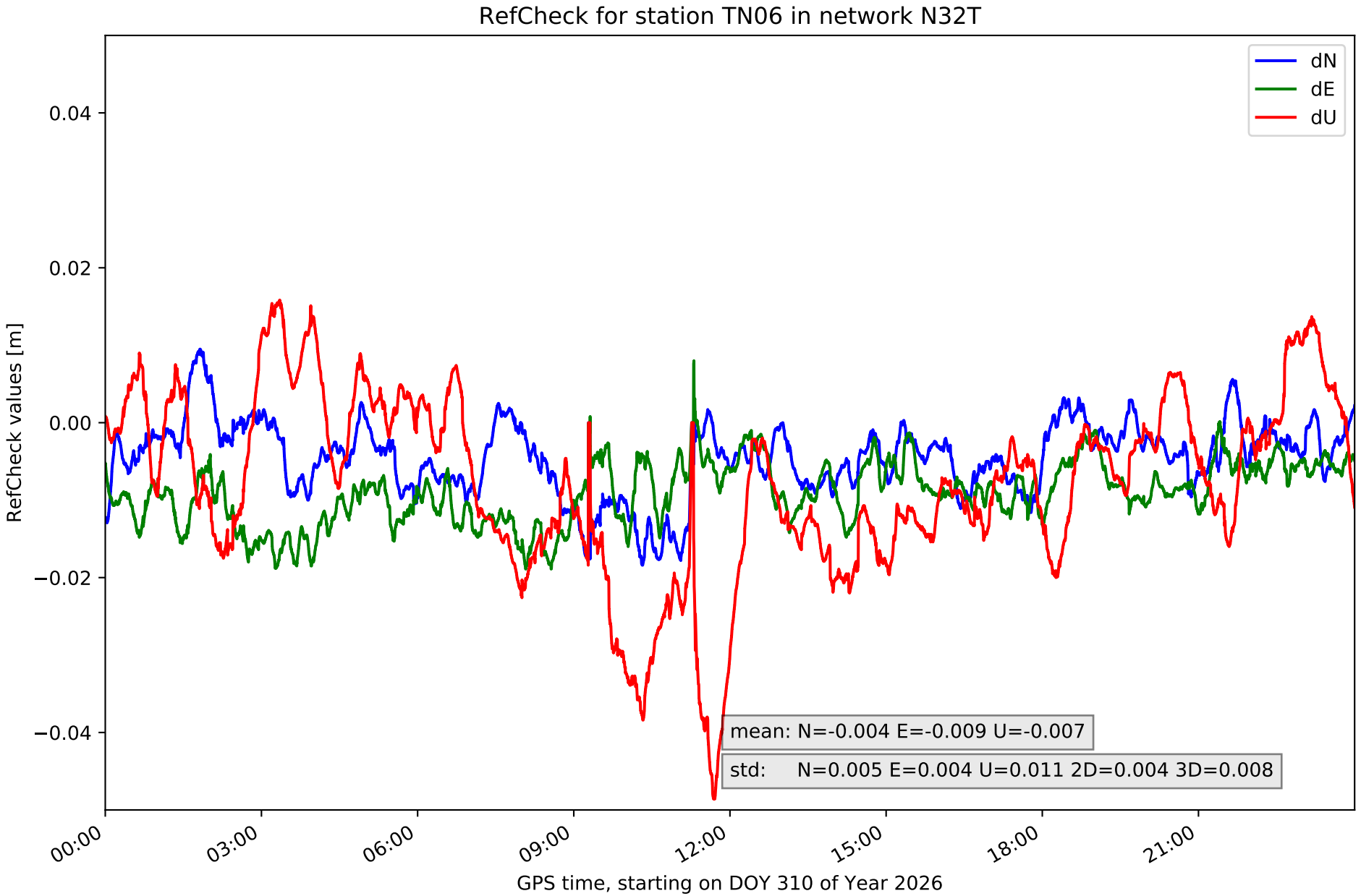

RefCheck for station LPAL in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.012 E=0.011 U=-0.002
std: N=0.003 E=0.004 U=0.008 2D=0.004 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

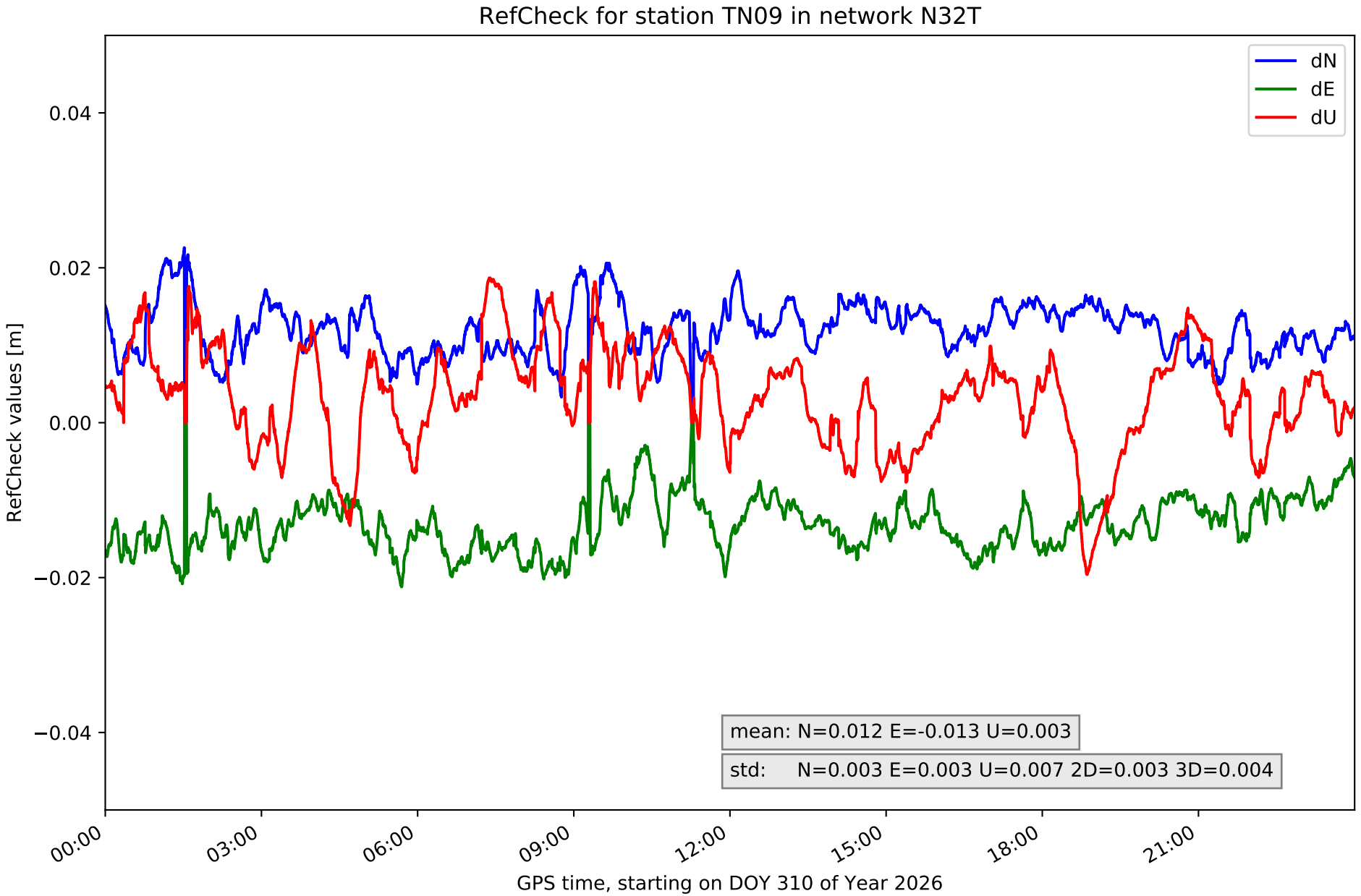

RefCheck for station LRES in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.011 E=0.015 U=-0.0
std: N=0.005 E=0.006 U=0.014 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026

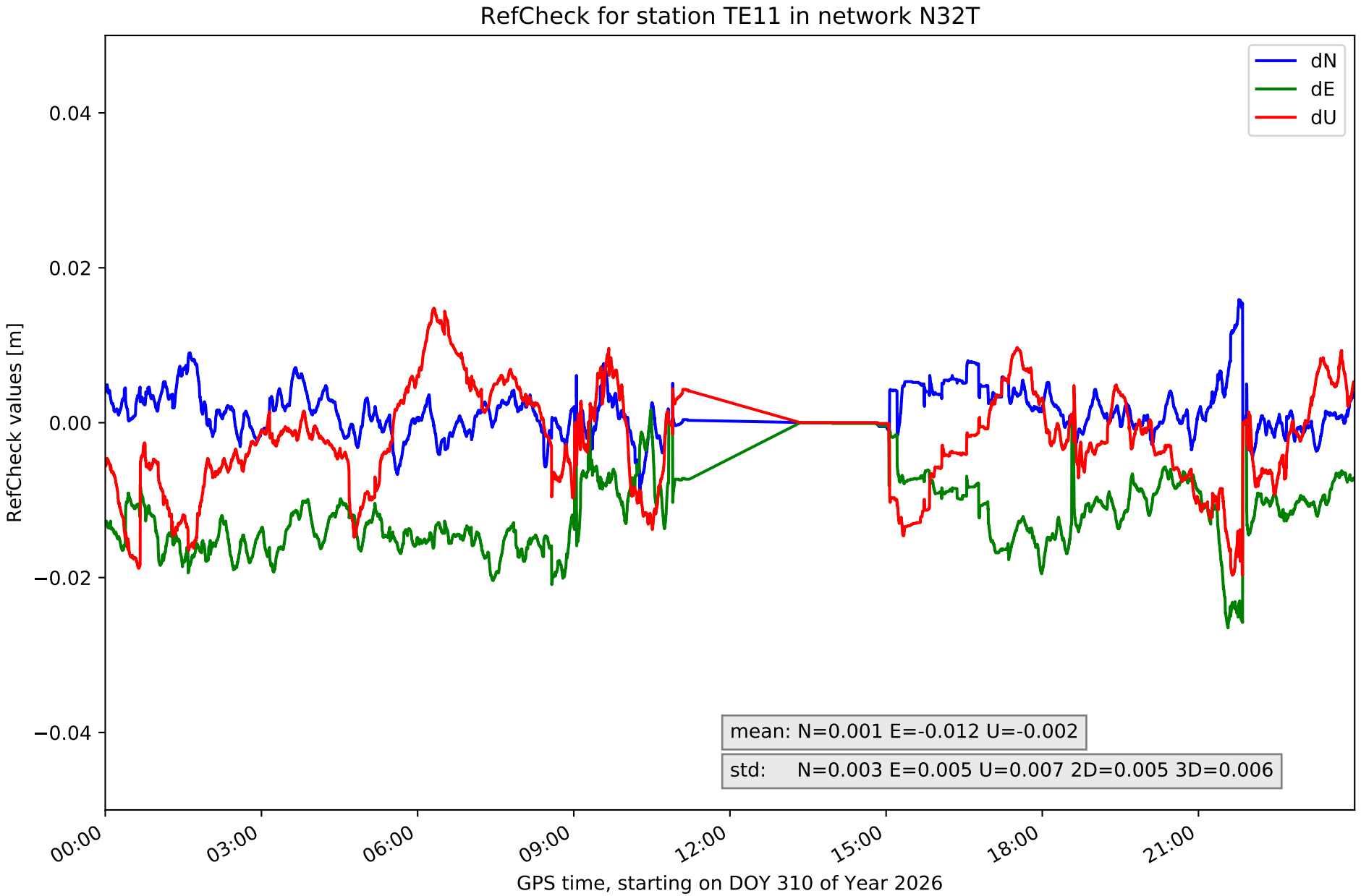

RefCheck for station TN01 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.016 U=-0.005
std: N=0.003 E=0.004 U=0.008 2D=0.004 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 310 of Year 2026


RefCheck for station TN02 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.011 U=0.012
std: N=0.003 E=0.004 U=0.007 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 310 of Year 2026


RefCheck for station TN03 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=-0.005 U=-0.0
std: N=0.004 E=0.004 U=0.009 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 310 of Year 2026


RefCheck for station TN06 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.009 U=-0.007
std: N=0.005 E=0.004 U=0.011 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 310 of Year 2026


RefCheck for station TN09 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.012 E=-0.013 U=0.003
std: N=0.003 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 310 of Year 2026


RefCheck for station TE11 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.012 U=-0.002
std: N=0.003 E=0.005 U=0.007 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 310 of Year 2026

# RefCheck values for network N32T

| Station | Nmin | Nmax | Nstd | Emin | Emax | Estd | Umin | Umax | Ustd | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EH01 | -0.008 | 0.015 | 0.004 | -0.0 | 0.028 | 0.005 | -0.017 | 0.035 | 0.009 | 0.004 | 0.006 | 66774 | 98.1 | 44431 | 65.3 |
| EH02 | -0.018 | 0.021 | **0.006** | -0.033 | **0.043** | **0.006** | **-0.061** | 0.033 | 0.011 | **0.006** | 0.006 | 65119 | 95.7 | **52905** | **77.8** |
| GOM1 | -0.028 | 0.031 | **0.006** | **-0.036** | 0.026 | **0.006** | -0.042 | 0.038 | 0.013 | 0.005 | 0.007 | 53306 | 78.3 | 27096 | 39.8 |
| GOME | -0.025 | 0.024 | **0.006** | -0.018 | 0.033 | 0.005 | -0.047 | 0.037 | **0.014** | 0.004 | **0.008** | 12658 | 18.6 | 13811 | 20.3 |
| IZAN | -0.007 | 0.009 | 0.003 | -0.023 | 0.001 | 0.004 | -0.024 | 0.017 | 0.007 | 0.004 | 0.005 | 58359 | 85.8 | 12542 | 18.4 |
| LP01 | **-0.029** | 0.001 | 0.004 | -0.006 | 0.021 | 0.005 | -0.027 | 0.032 | 0.01 | 0.004 | 0.006 | 65064 | 95.6 | 38442 | 56.5 |
| LP03 | -0.013 | 0.013 | 0.004 | -0.019 | 0.029 | 0.005 | -0.033 | 0.019 | 0.01 | 0.004 | 0.004 | 15421 | 22.7 | 2783 | 4.1 |
| LPAL | -0.026 | 0.001 | 0.003 | -0.002 | 0.026 | 0.004 | -0.029 | 0.024 | 0.008 | 0.004 | 0.004 | 66934 | 98.4 | 21445 | 31.5 |
| LRES | -0.003 | **0.032** | 0.005 | -0.005 | 0.032 | **0.006** | -0.029 | **0.044** | **0.014** | 0.005 | 0.007 | 31689 | 95.4 | 22427 | 67.5 |
| TN01 | -0.013 | 0.009 | 0.003 | -0.029 | -0.0 | 0.004 | -0.026 | 0.015 | 0.008 | 0.004 | 0.004 | 65965 | 96.9 | 30042 | 44.2 |
| TN02 | -0.013 | 0.007 | 0.003 | -0.025 | 0.0 | 0.004 | -0.016 | 0.037 | 0.007 | 0.004 | 0.006 | 45207 | 66.4 | 19993 | 29.4 |
| TN03 | -0.015 | 0.015 | 0.004 | -0.019 | 0.006 | 0.004 | -0.023 | 0.027 | 0.009 | 0.003 | 0.005 | 20474 | 30.1 | 4035 | 5.9 |
| TN06 | -0.018 | 0.009 | 0.005 | -0.019 | 0.008 | 0.004 | -0.049 | 0.016 | 0.011 | 0.004 | **0.008** | 38806 | 57.0 | 15139 | 22.2 |
| TN09 | -0.0 | 0.023 | 0.003 | -0.021 | 0.0 | 0.003 | -0.02 | 0.019 | 0.007 | 0.003 | 0.004 | **67771** | **99.6** | 30882 | 45.4 |
| TE11 | -0.01 | 0.016 | 0.003 | -0.026 | 0.002 | 0.005 | -0.02 | 0.015 | 0.007 | 0.005 | 0.006 | 45139 | 70.2 | 5462 | 8.5 |
| **Mean** | **-0.015** | **0.015** | **0.004** | **-0.019** | **0.017** | **0.005** | **-0.031** | **0.027** | **0.01** | **0.004** | **0.006** | **47912.4** | **73.9** | **22762.3** | **35.8** |
| **Min/Max** | **-0.029** | **0.032** | **0.006** | **-0.036** | **0.043** | **0.006** | **-0.061** | **0.044** | **0.014** | **0.006** | **0.008** | **67771** | **99.6** | **52905** | **77.8** |

# fixing statistic for network N32T

| fixing percentage of | all GNSS | G | R | E | C |
|---|---|---|---|---|---|
| using threshold 0.3 | 90.7 | 91.1 | 90.9 | 90.9 | 90.6 |
| considering satellites with dual-frequency fixed | 87.7 | 88.1 | 87.3 | 86.9 | 88.3 |
| considering all signals separately | 87.9 | 88.5 | 87.3 | 87.3 | 88.1 |