# summary for network NT11

timeperiod chosen: from 2026-02-24-00:00:00 until 2026-02-24-23:59:59

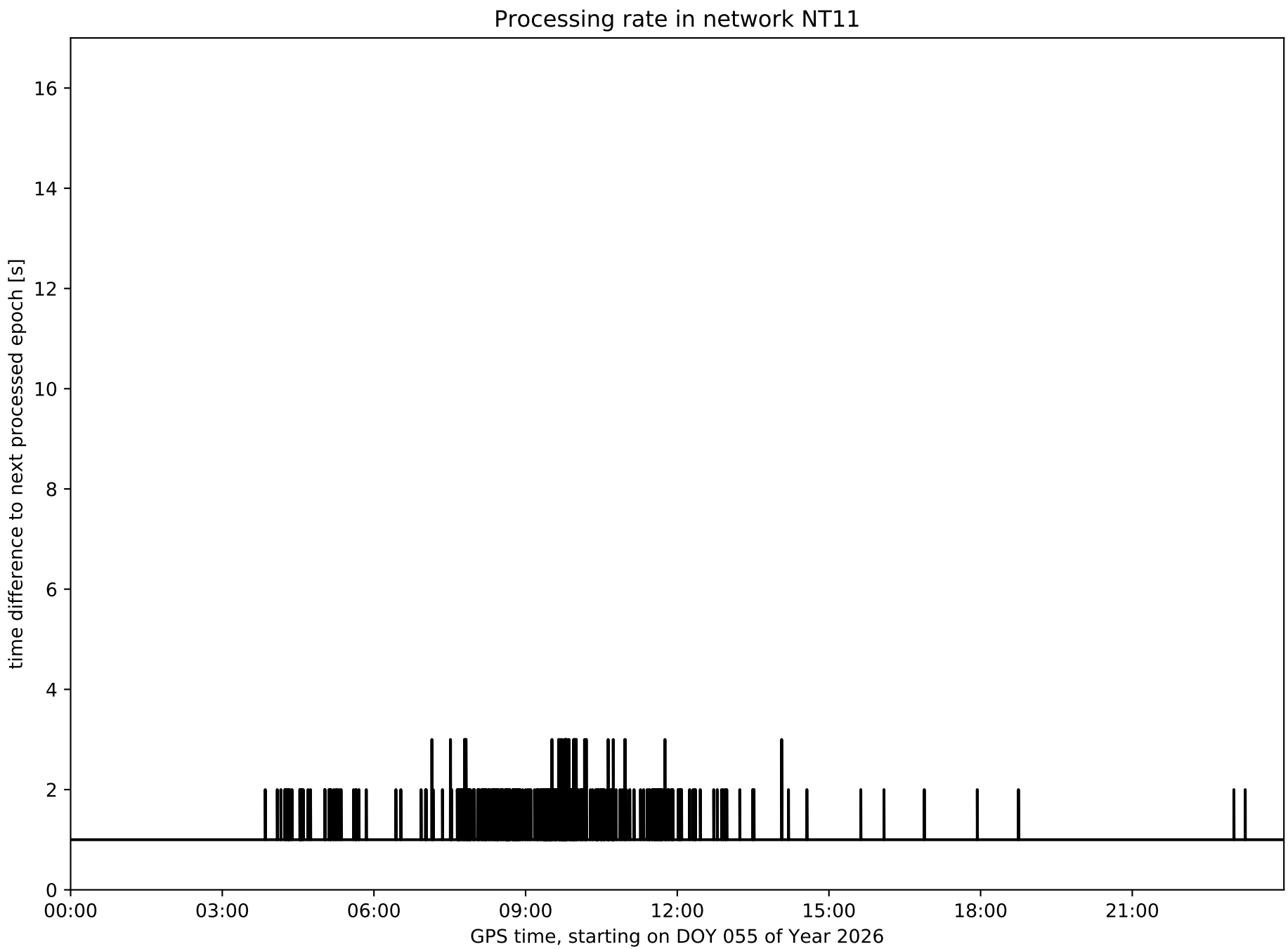
average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

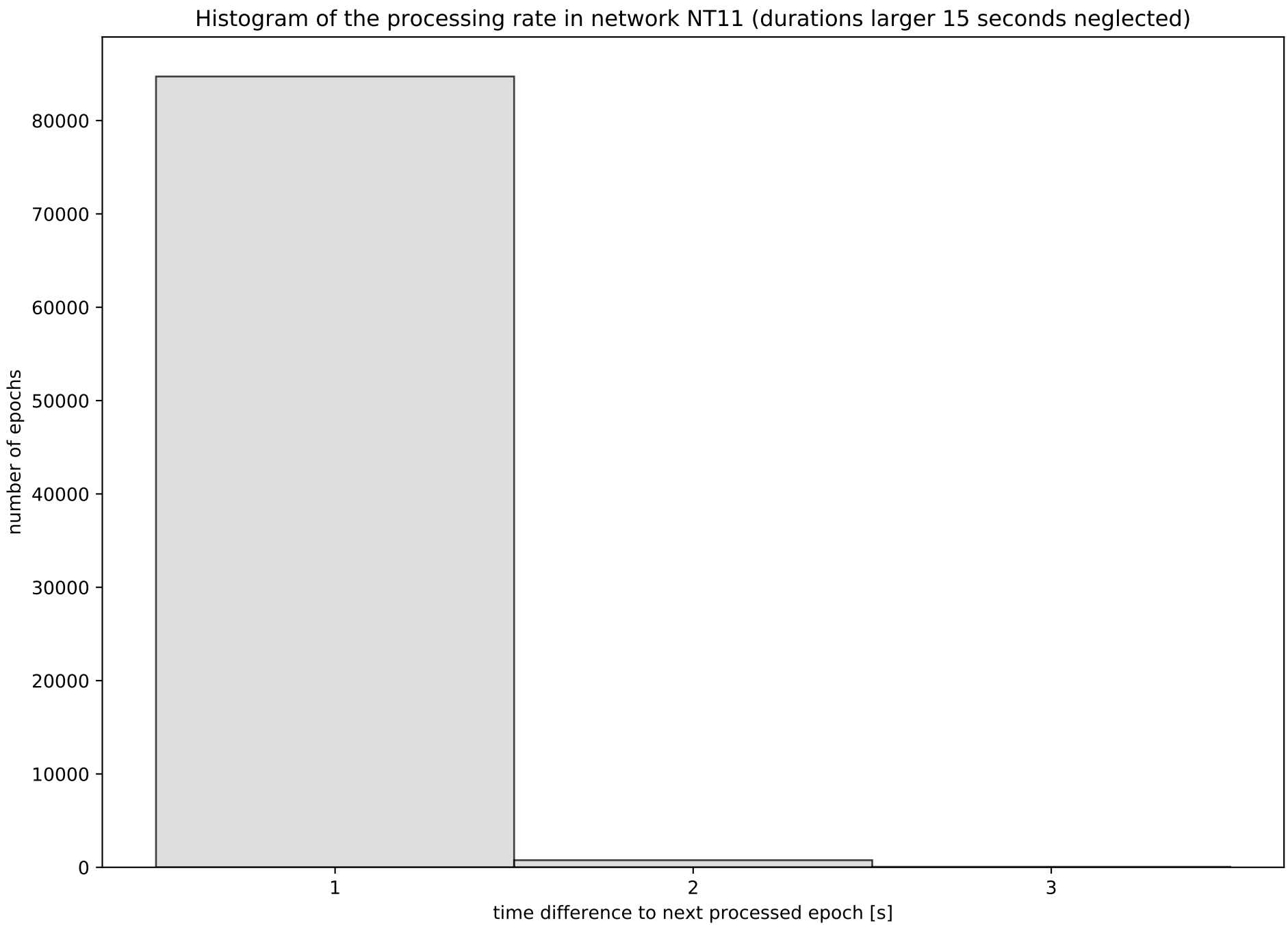
average fixing percentage with threshold set to 0.3: 95.1 percent

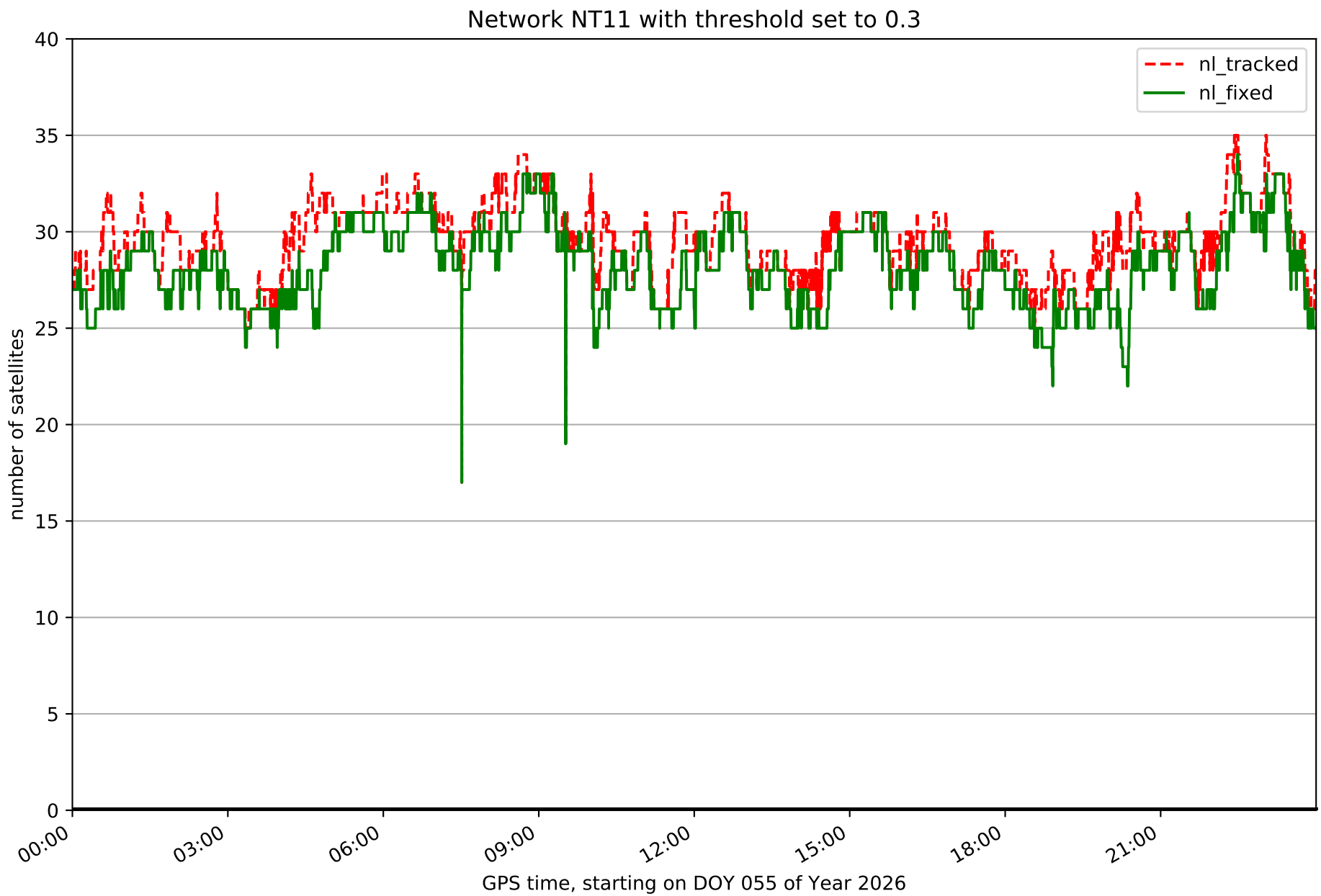
stations available: 9 of 9

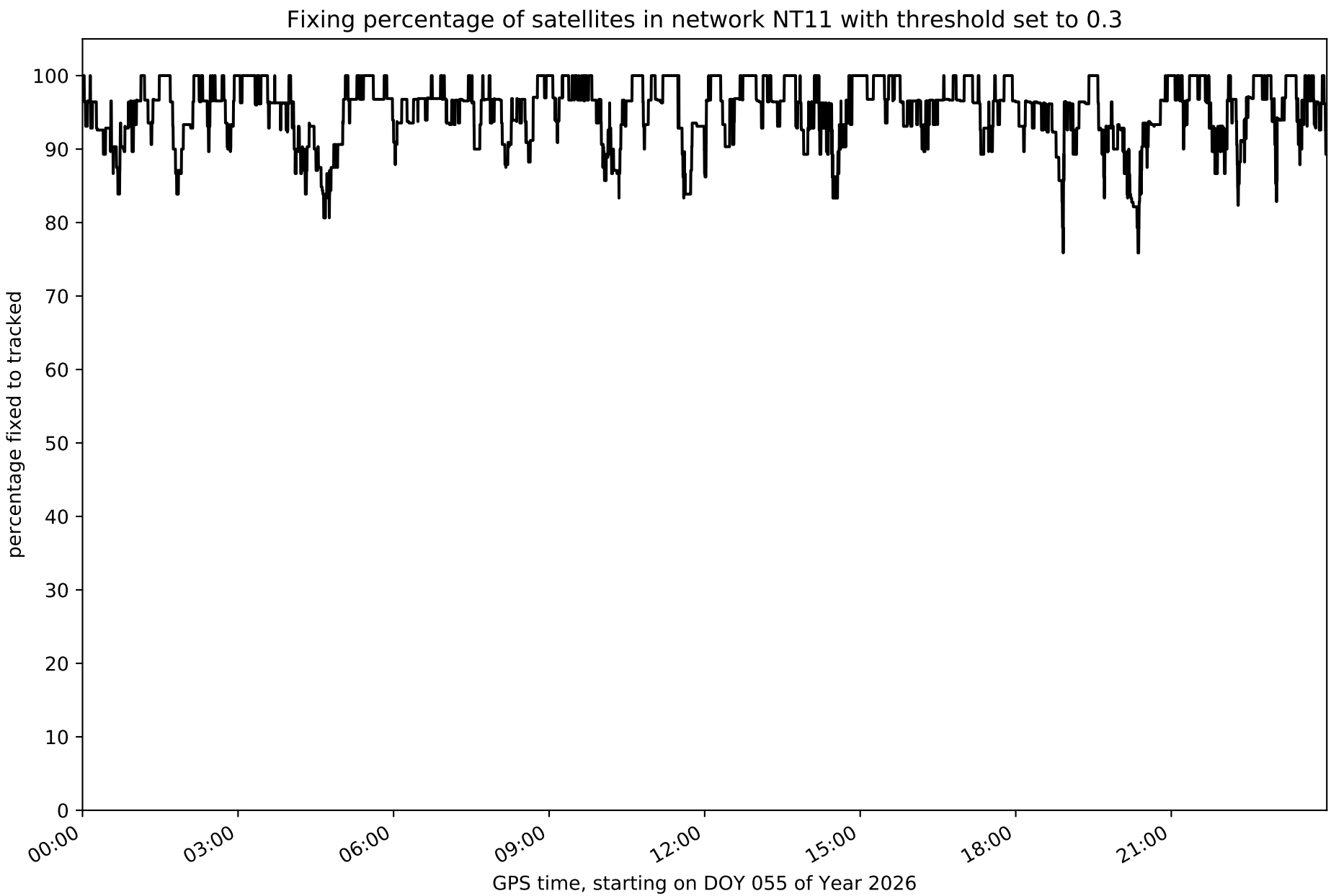
station information:

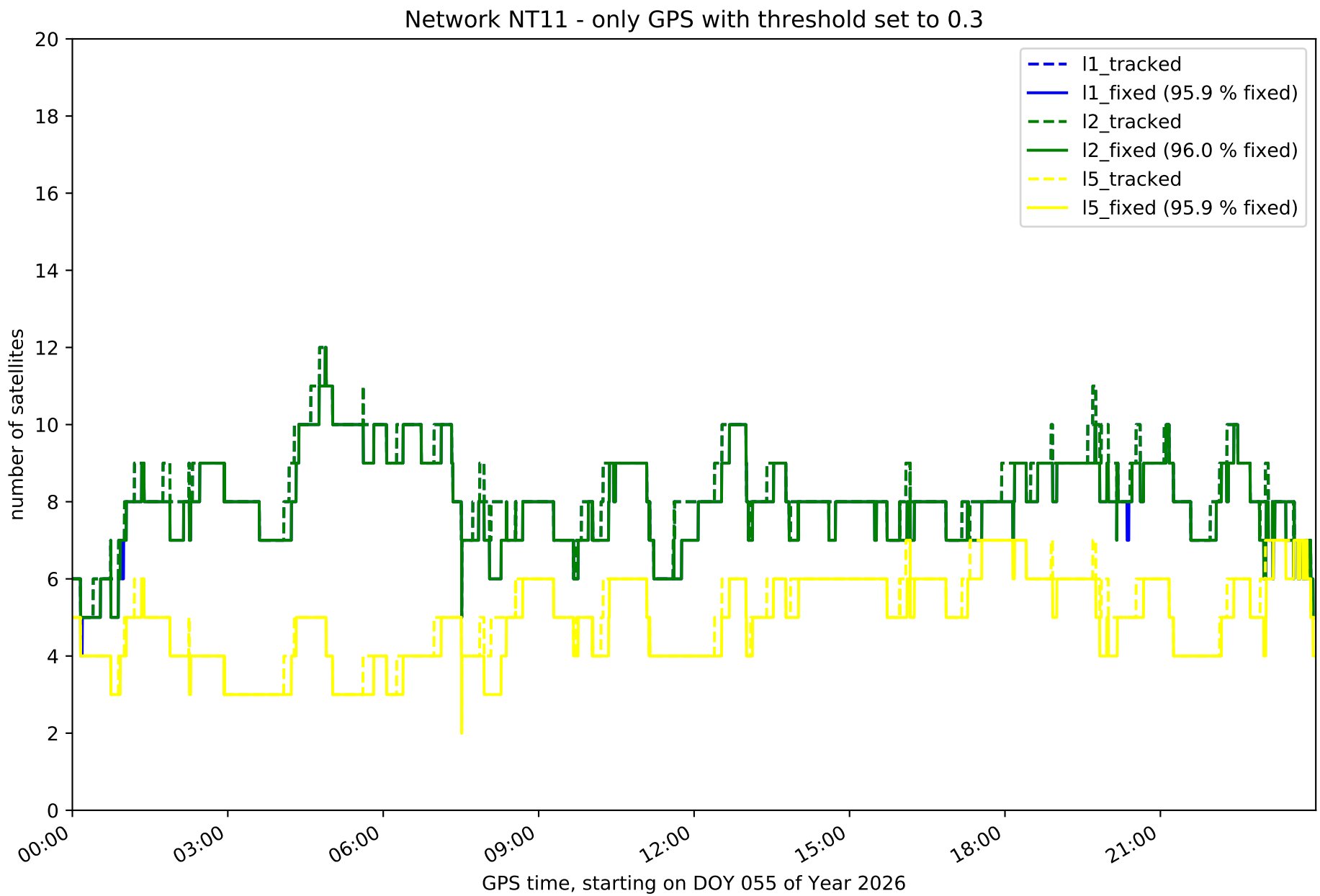
| | | | | |
|---|---|---|---|---|
| station ALOR: | antenna: LEIAR25 | LEIT | receiver: LEICA GR30 | height: 189.527 |
| station CBON: | antenna: LEIAR25 | LEIT | receiver: LEICA GR30 | height: 57.337 |
| station EIVI: | antenna: LEIAR25 | LEIT | receiver: LEICA GR30 | height: 132.136 |
| station FORM: | antenna: LEIAR25 | LEIT | receiver: LEICA GR30 | height: 99.597 |
| station IBIZ: | antenna: TPSCR3_GGD | CONE | receiver: LEICA GR25 | height: 59.957 |
| station MALL: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 62.11 |
| station SINE: | antenna: LEIAR25 | LEIT | receiver: LEICA GR30 | height: 188.036 |
| station SJO1: | antenna: LEIAR25 | LEIT | receiver: LEICA GR30 | height: 59.879 |
| station TRAU: | antenna: LEIAR25 | LEIT | receiver: LEICA GR30 | height: 606.096 |

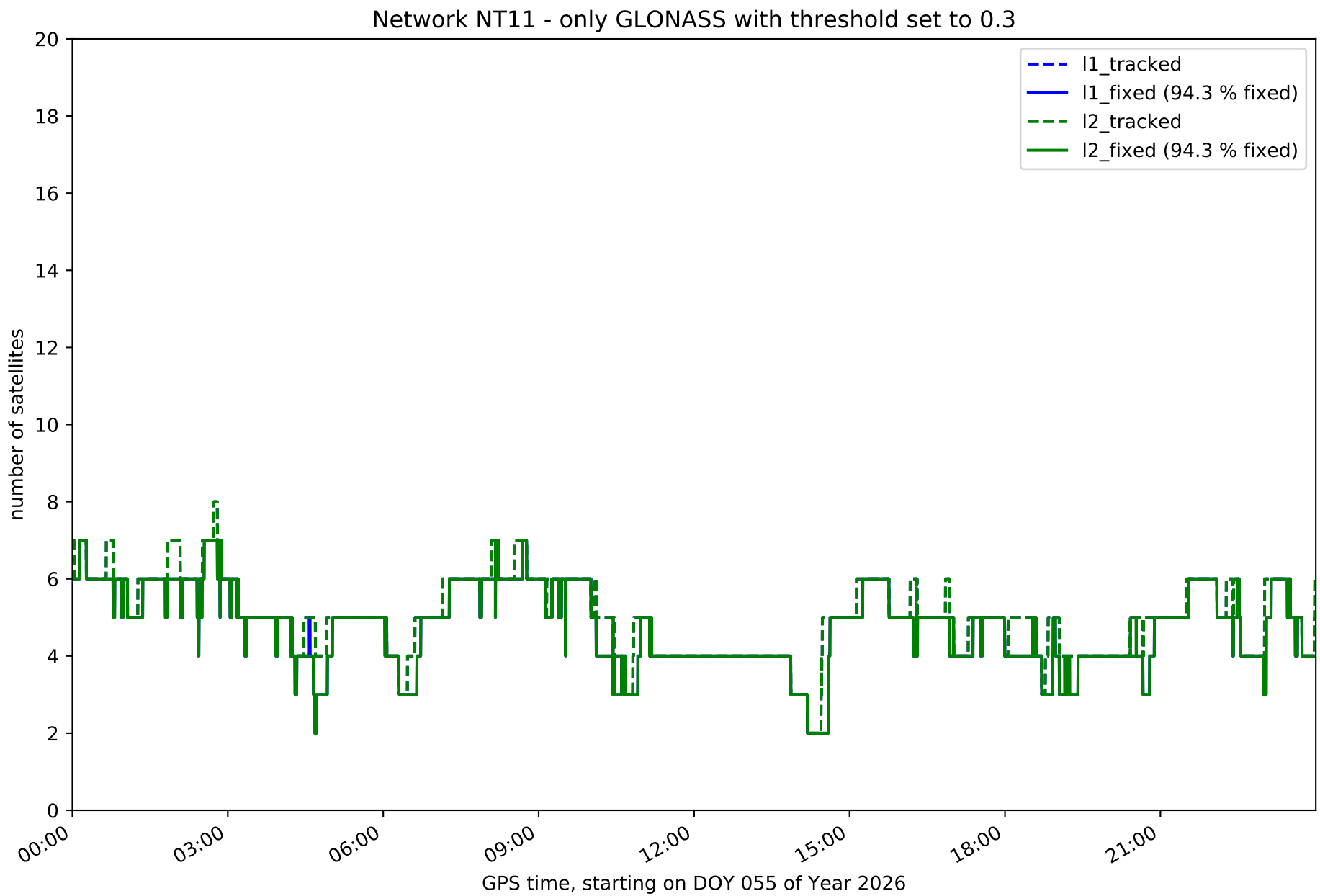

Processing rate in network NT11
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

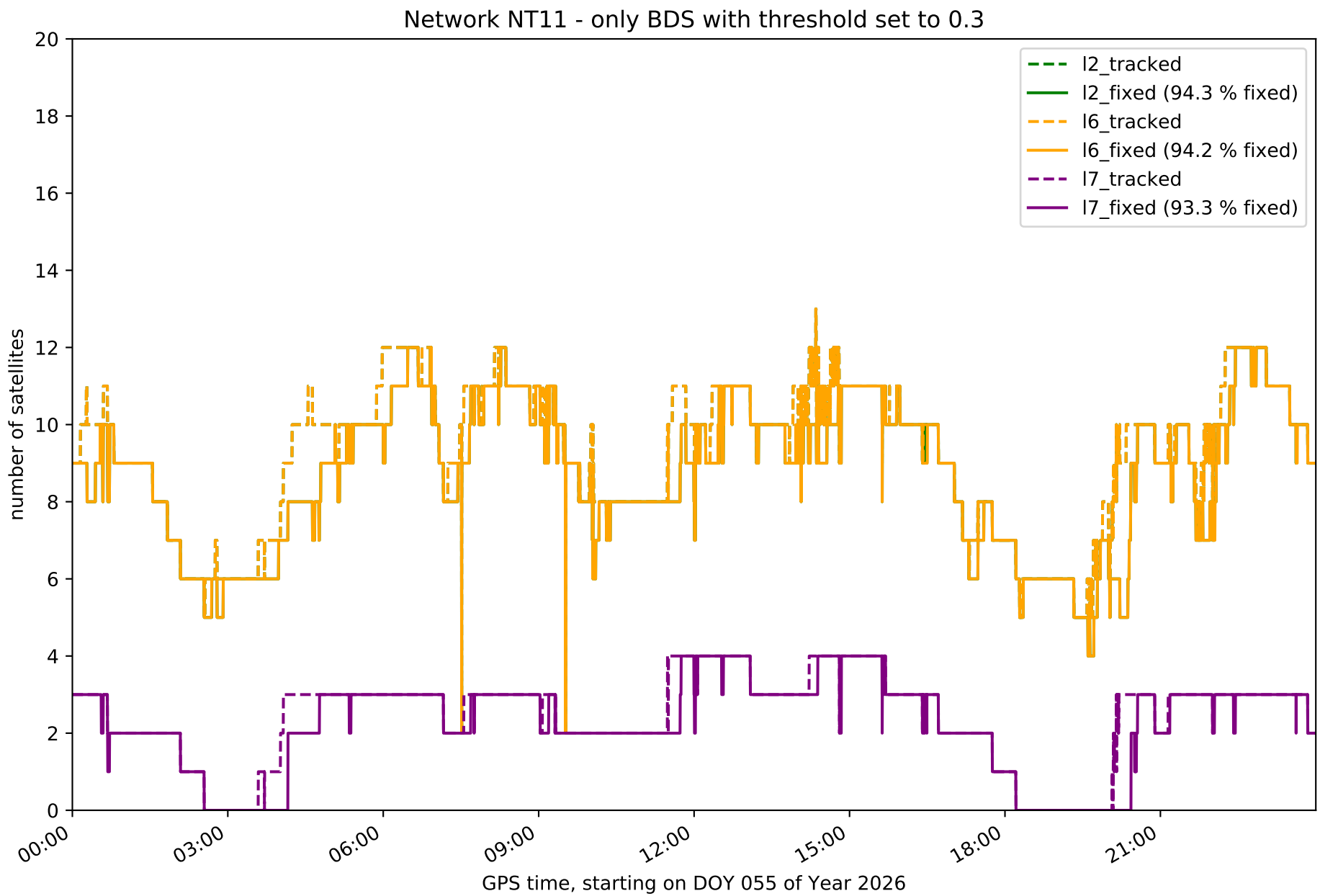

Histogram of the processing rate in network NT11 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
80000
1
2
3
time difference to next processed epoch [s]

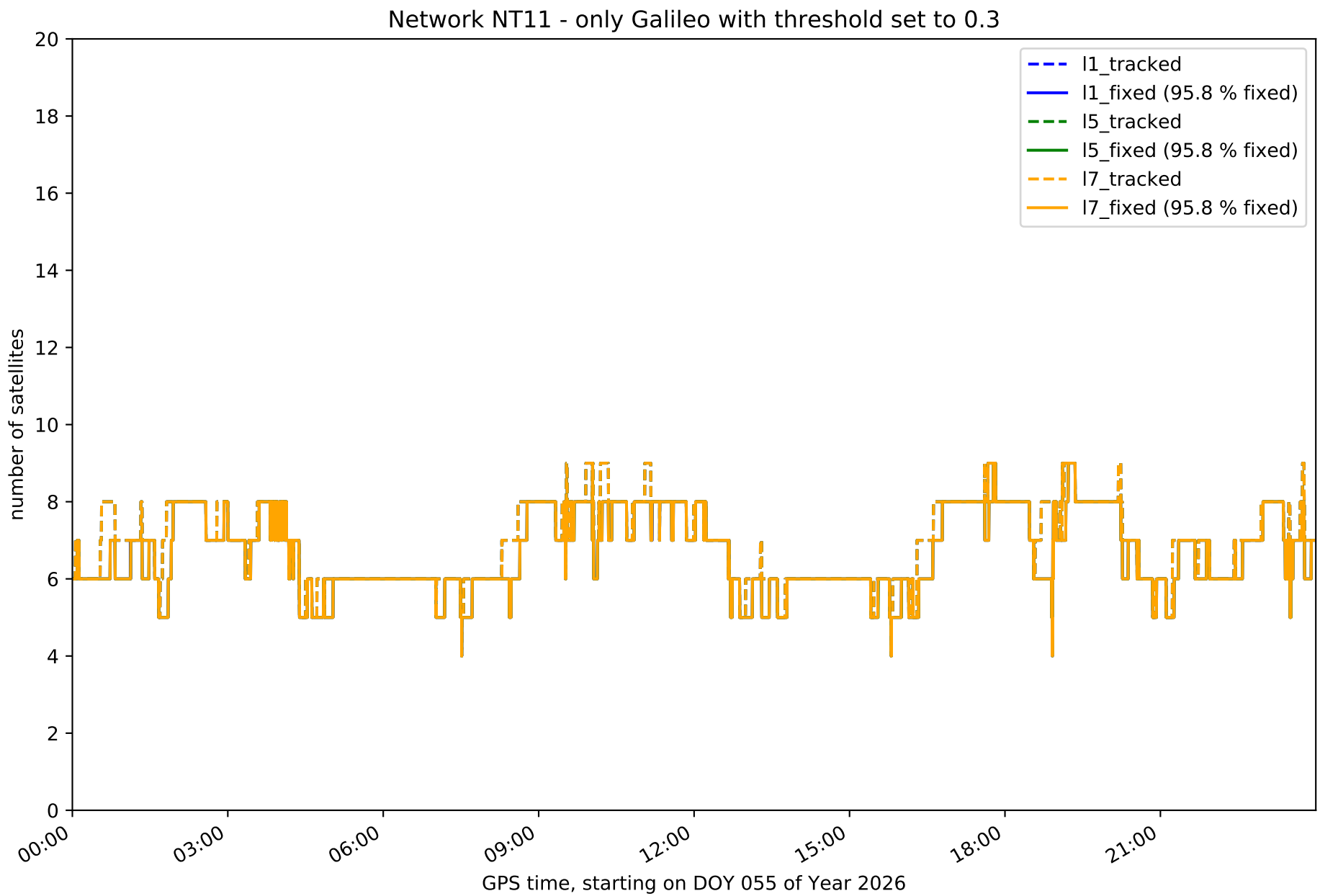

Network NT11 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

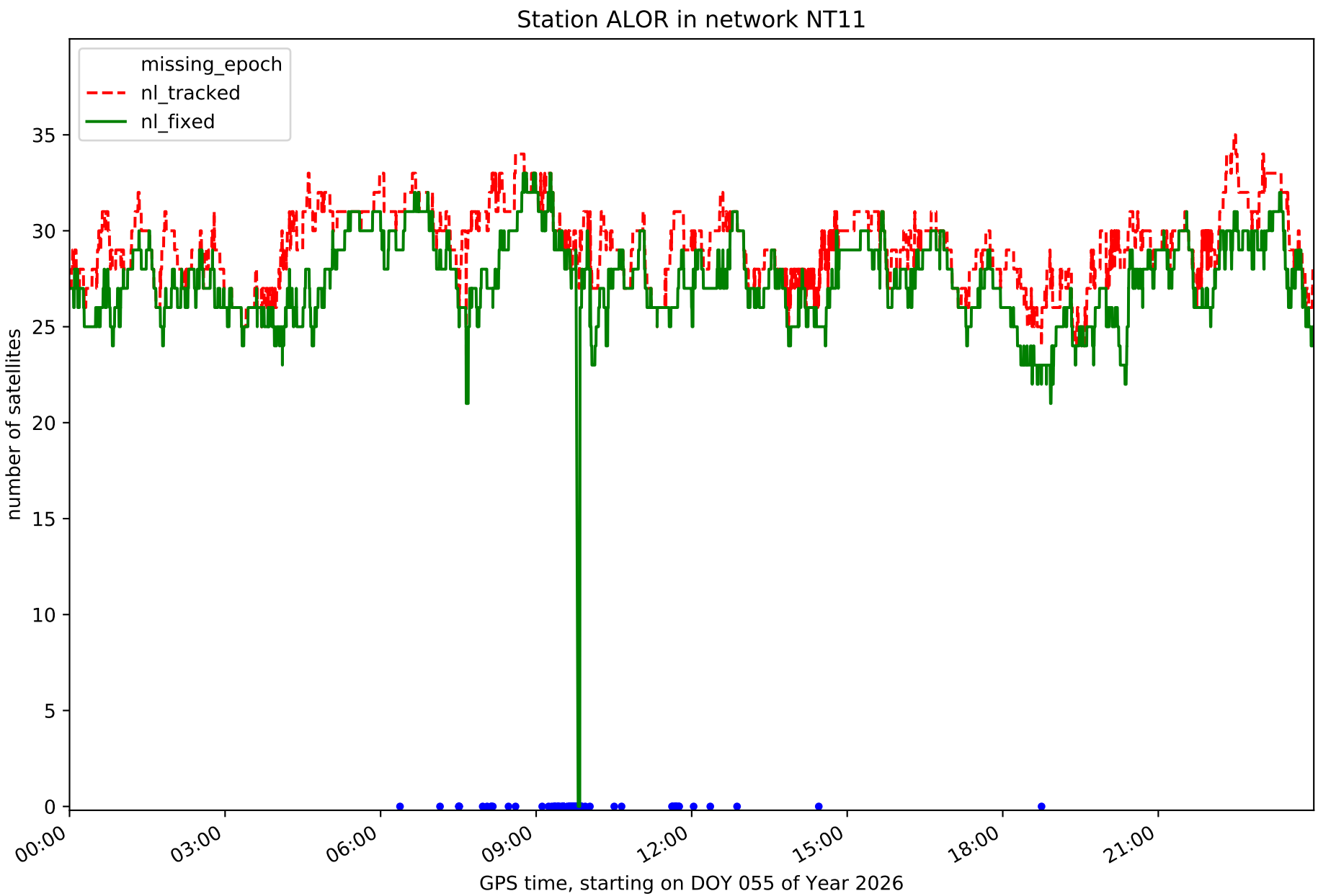

Fixing percentage of satellites in network NT11 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

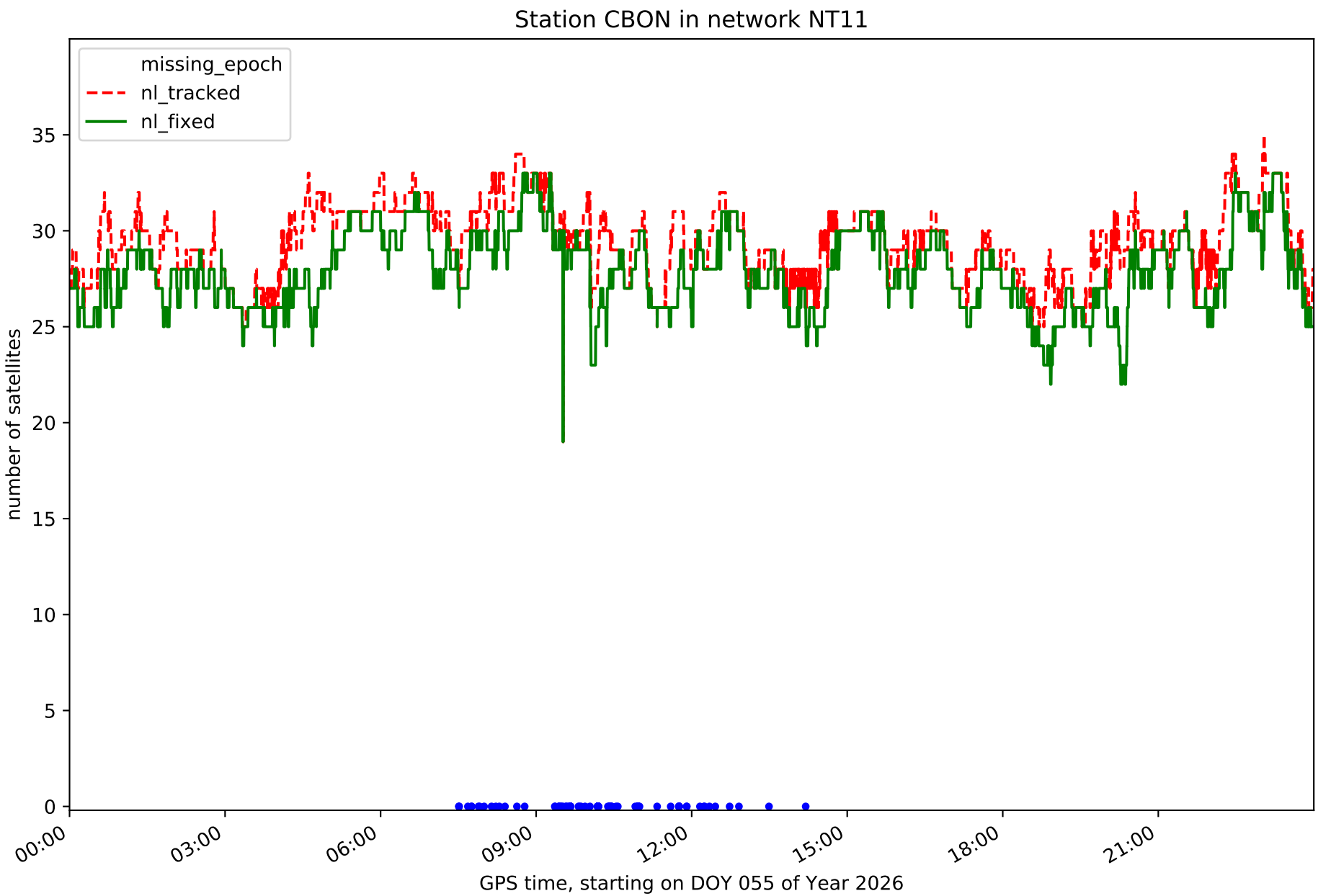

Network NT11 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (95.9 % fixed)
l2_tracked
l2_fixed (96.0 % fixed)
l5_tracked
l5_fixed (95.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

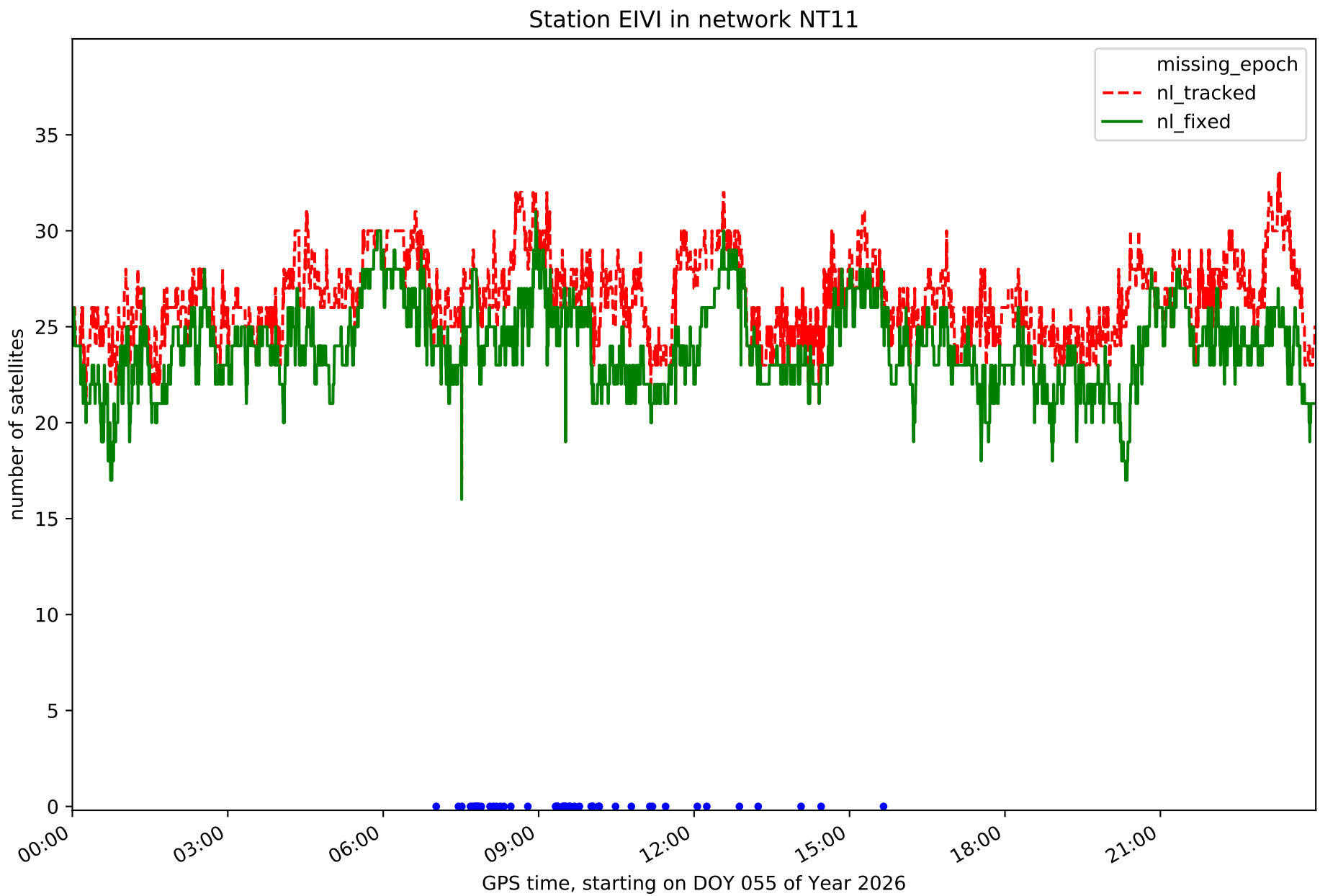

Network NT11 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (94.3 % fixed)
l2_tracked
l2_fixed (94.3 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

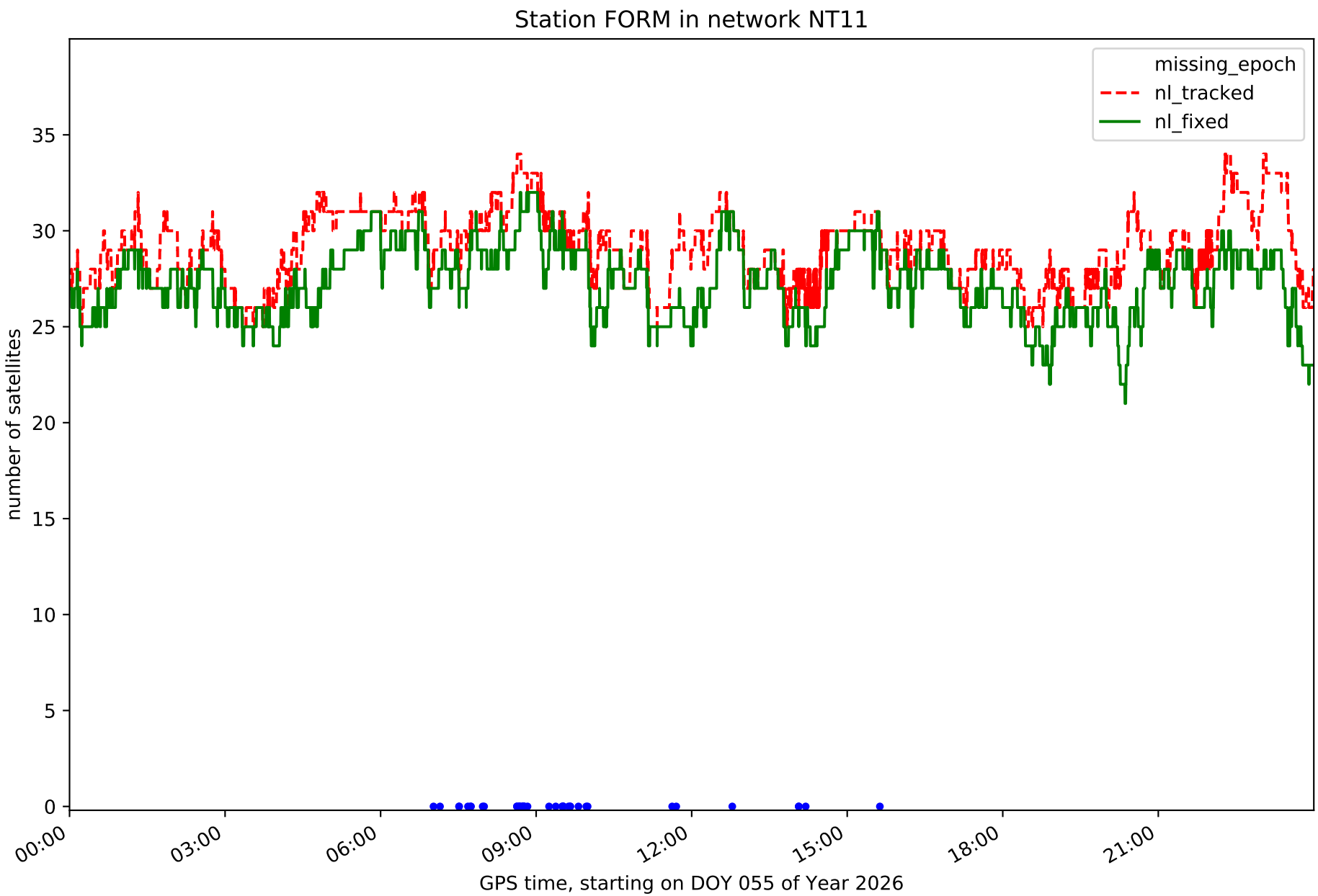

Network NT11 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 055 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (94.3 % fixed)
l6_tracked
l6_fixed (94.2 % fixed)
l7_tracked
l7_fixed (93.3 % fixed)

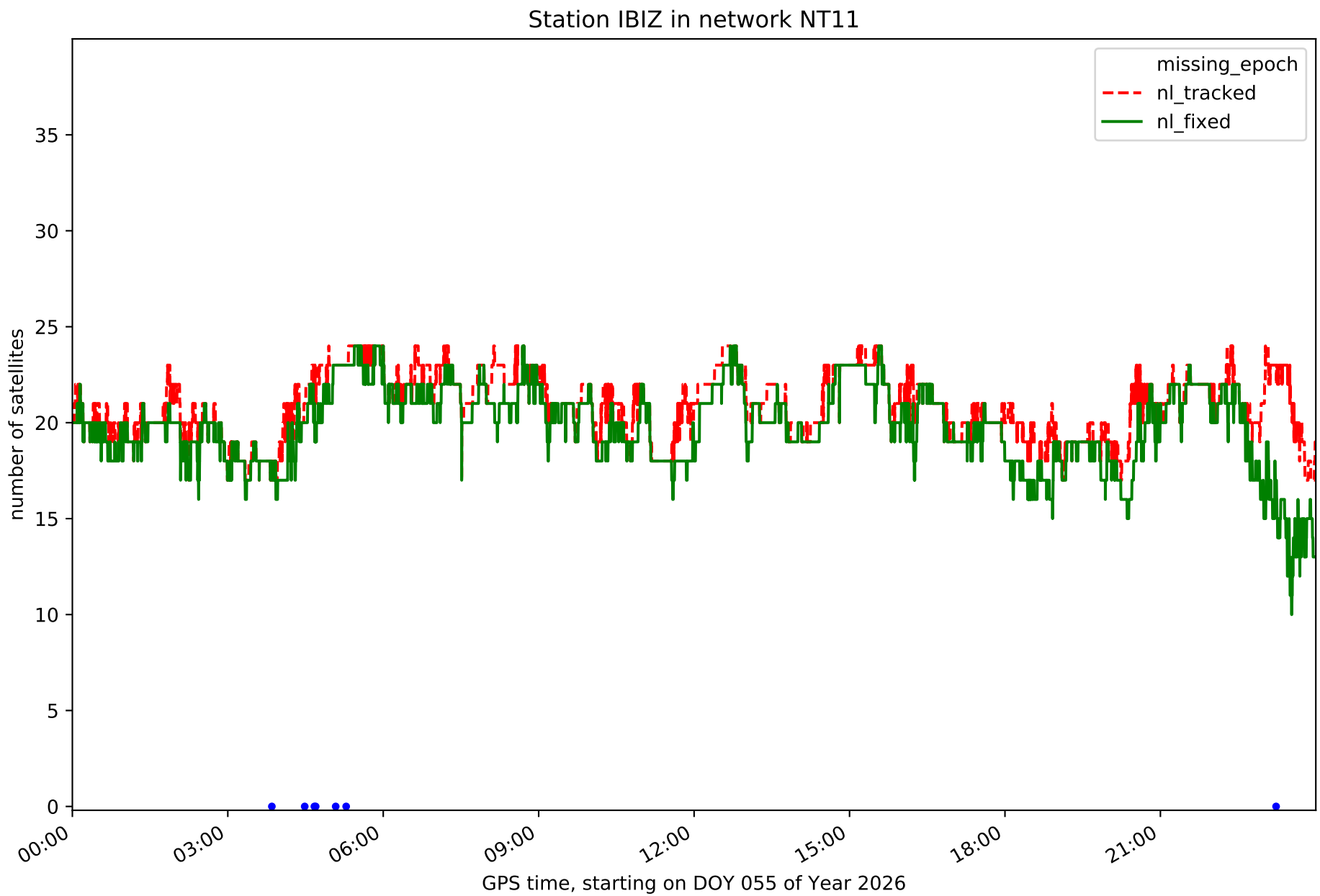

Network NT11 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 055 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (95.8 % fixed)
l5_tracked
l5_fixed (95.8 % fixed)
l7_tracked
l7_fixed (95.8 % fixed)

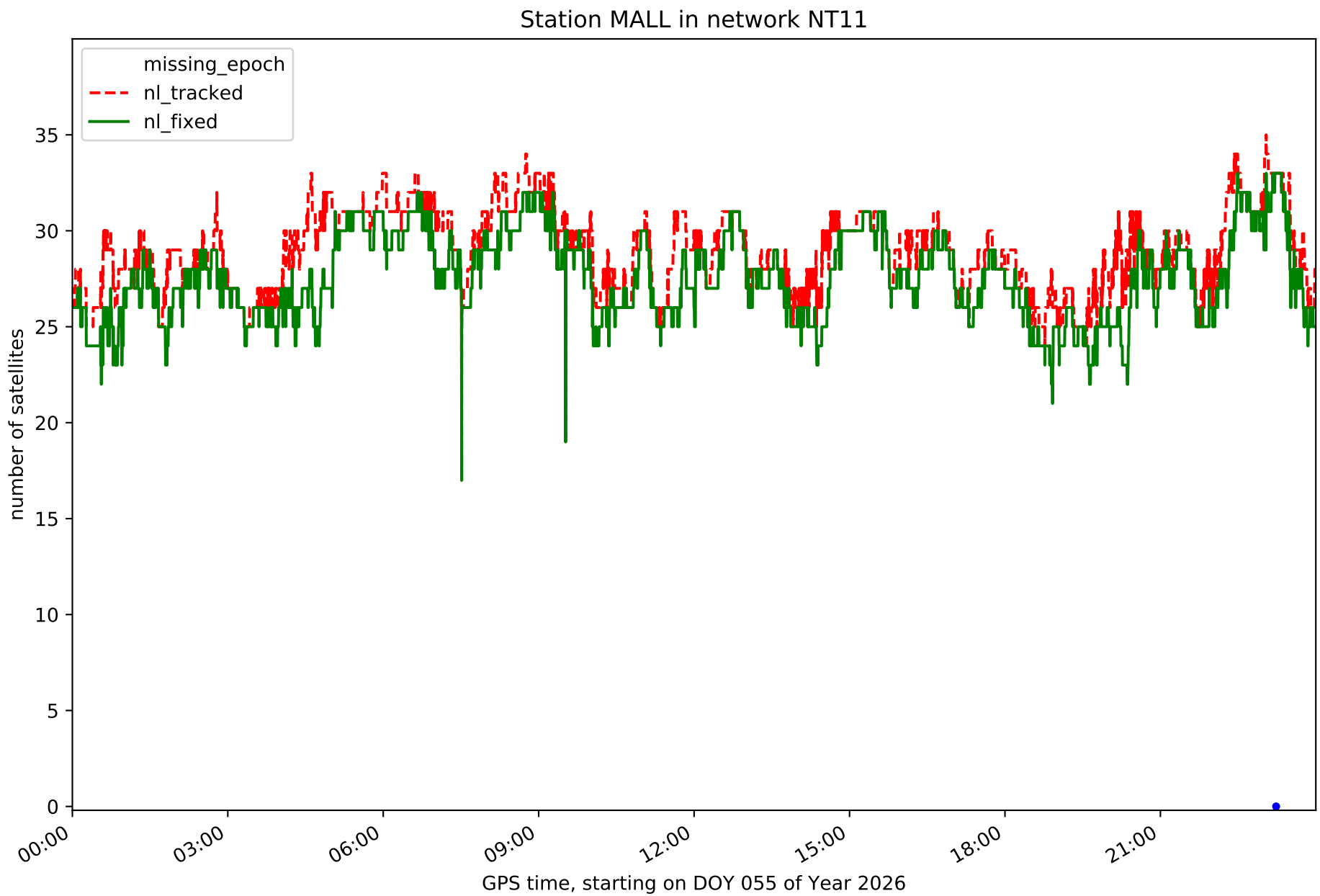

Station ALOR in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

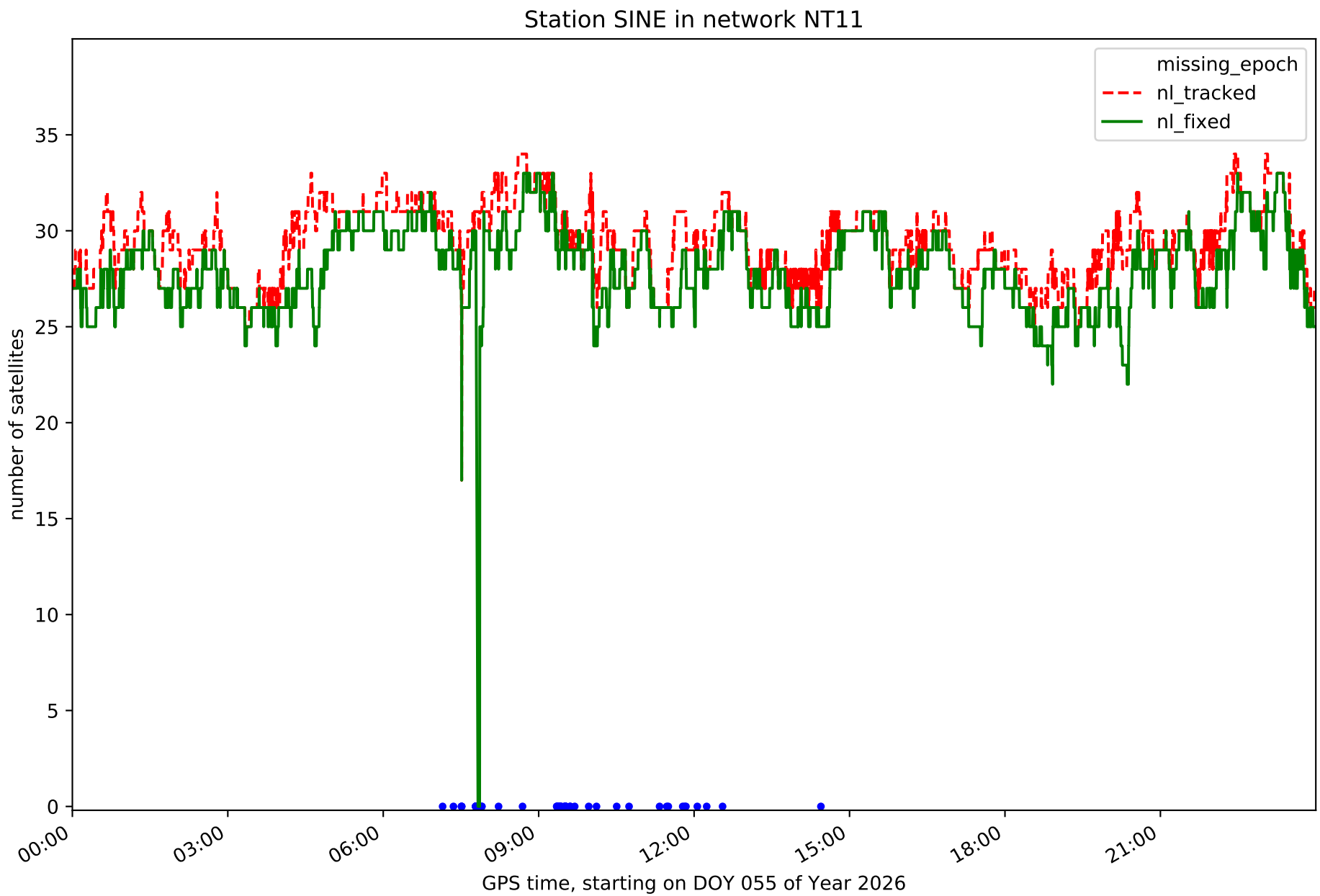

Station CBON in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

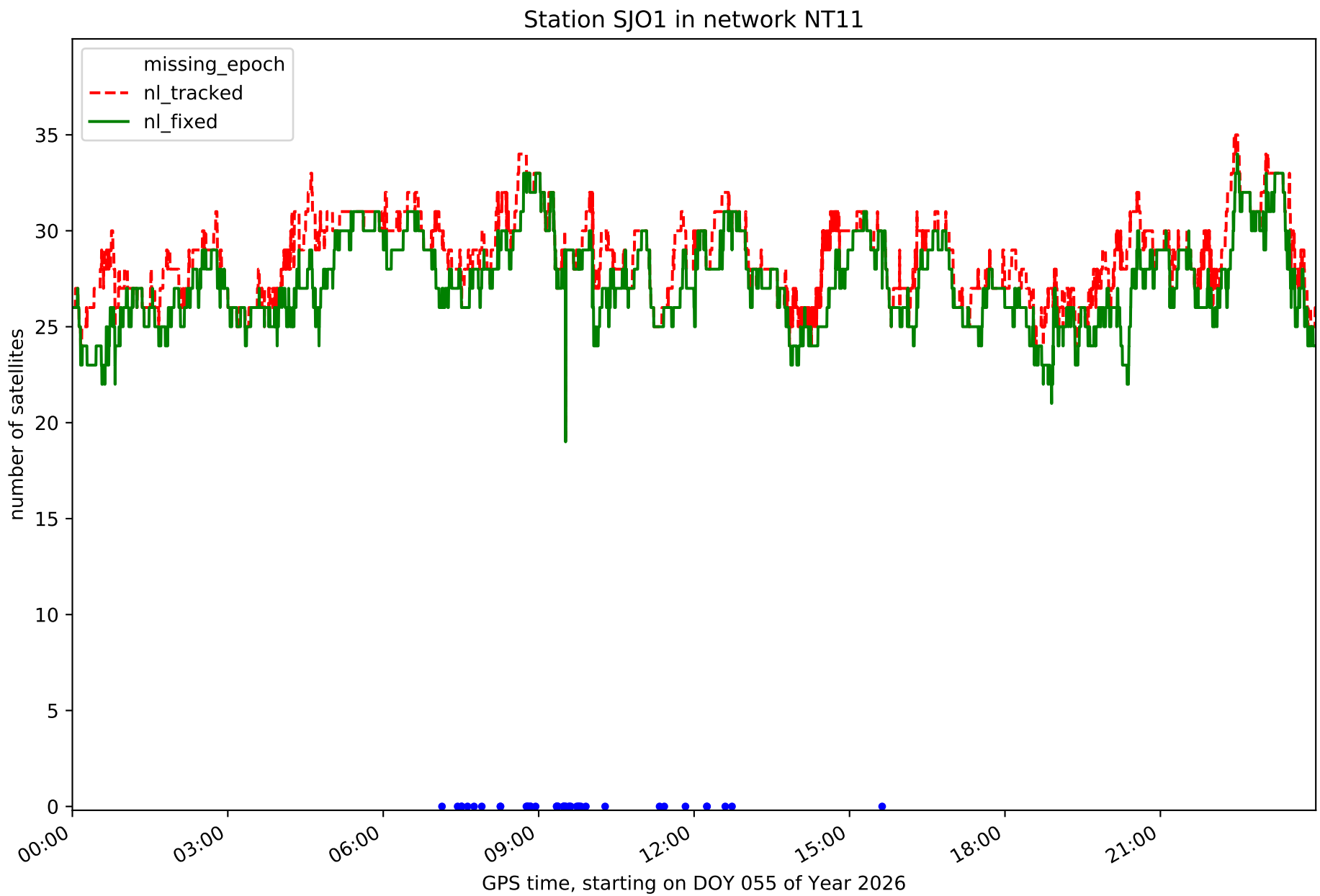

Station EIVI in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

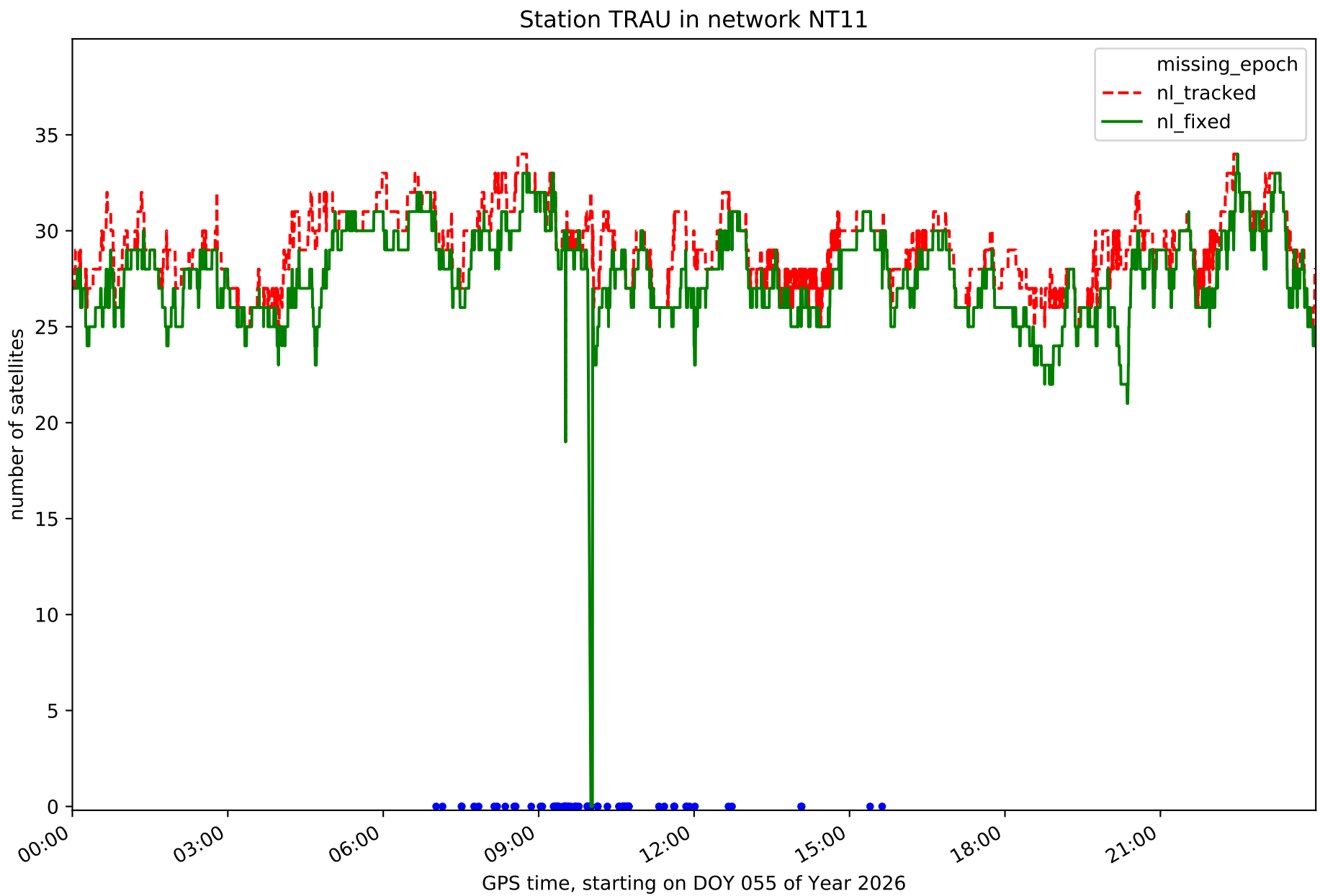

Station FORM in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

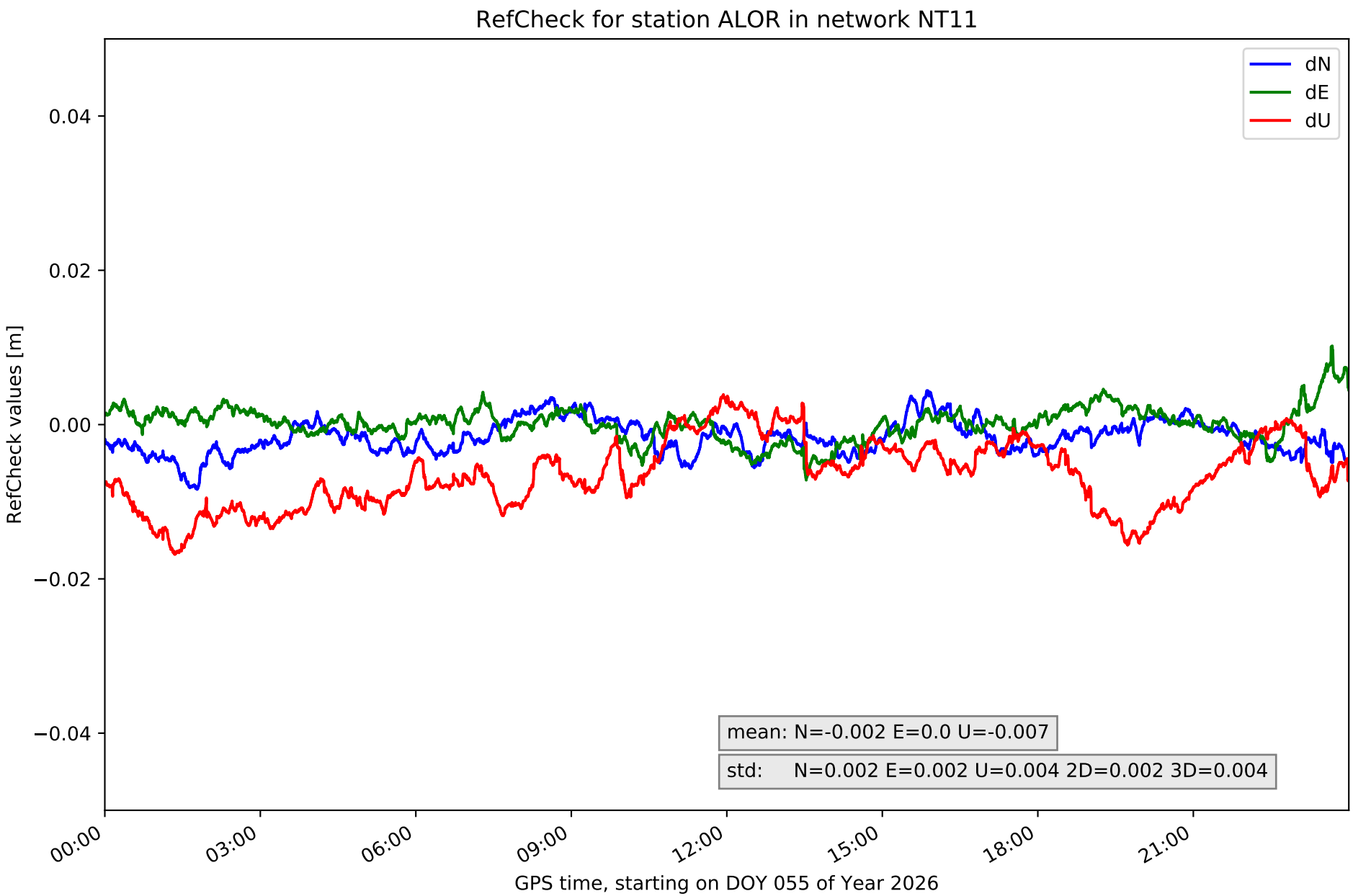

Station IBIZ in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

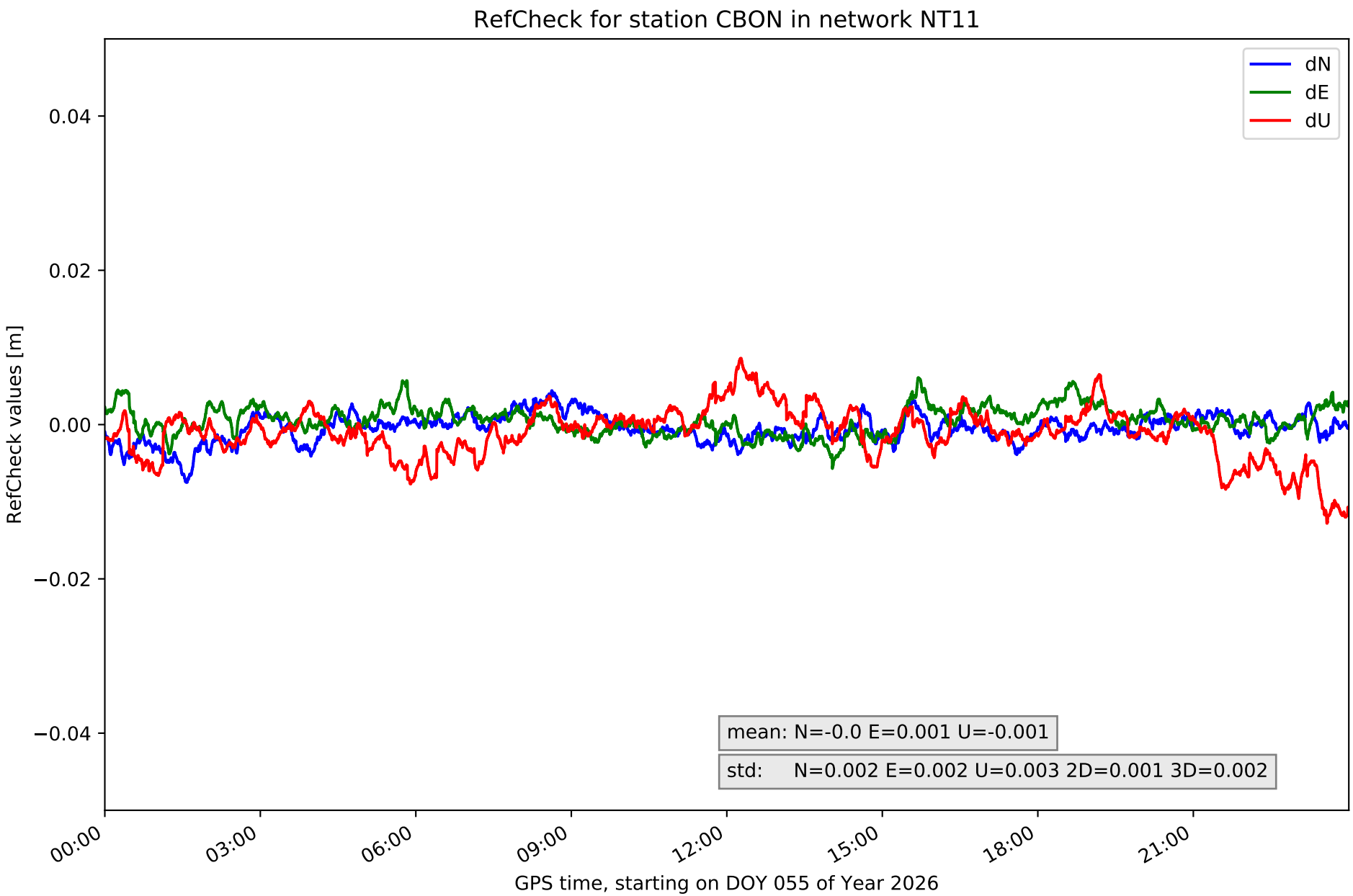

Station MALL in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

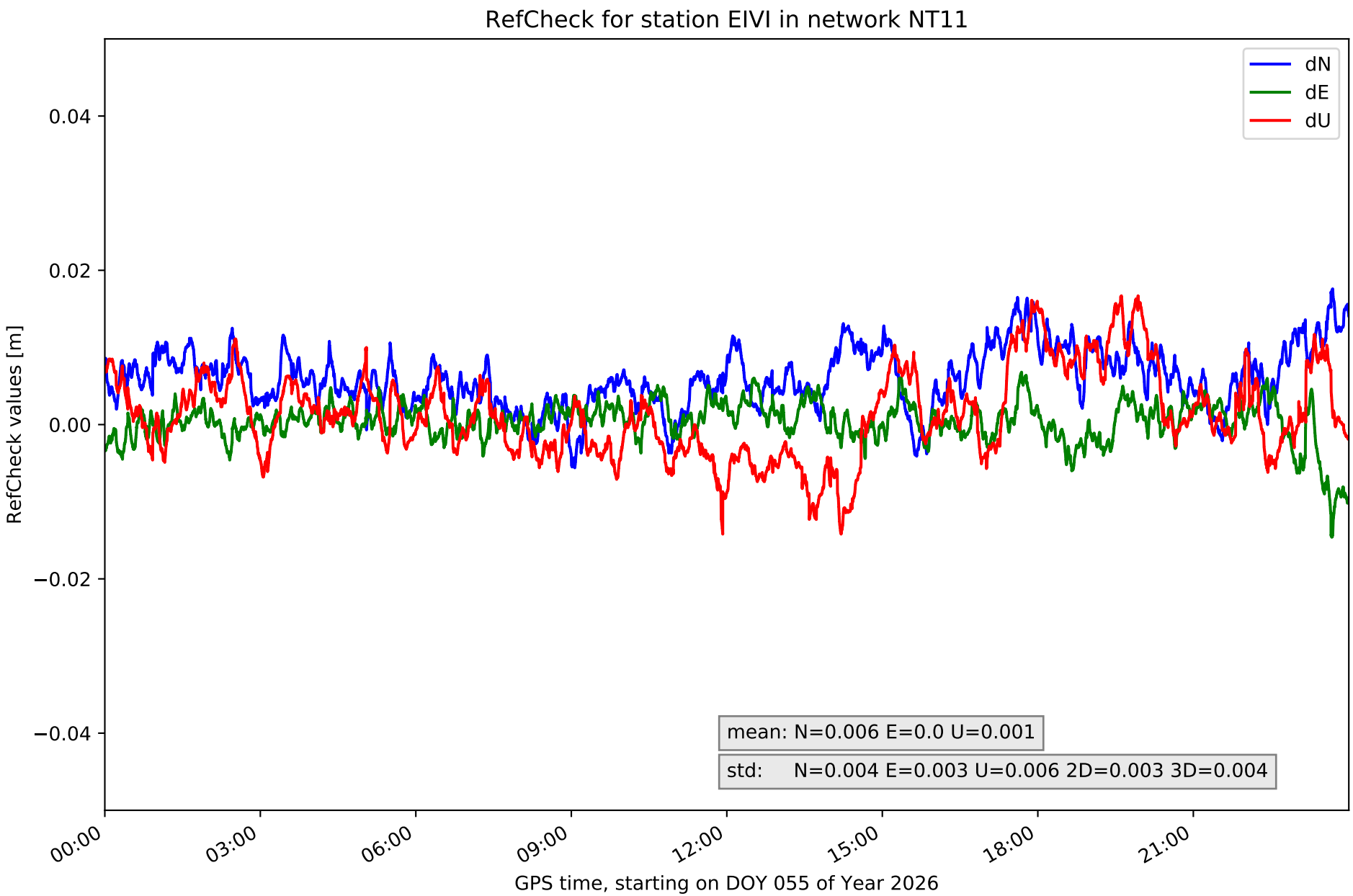

Station SINE in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

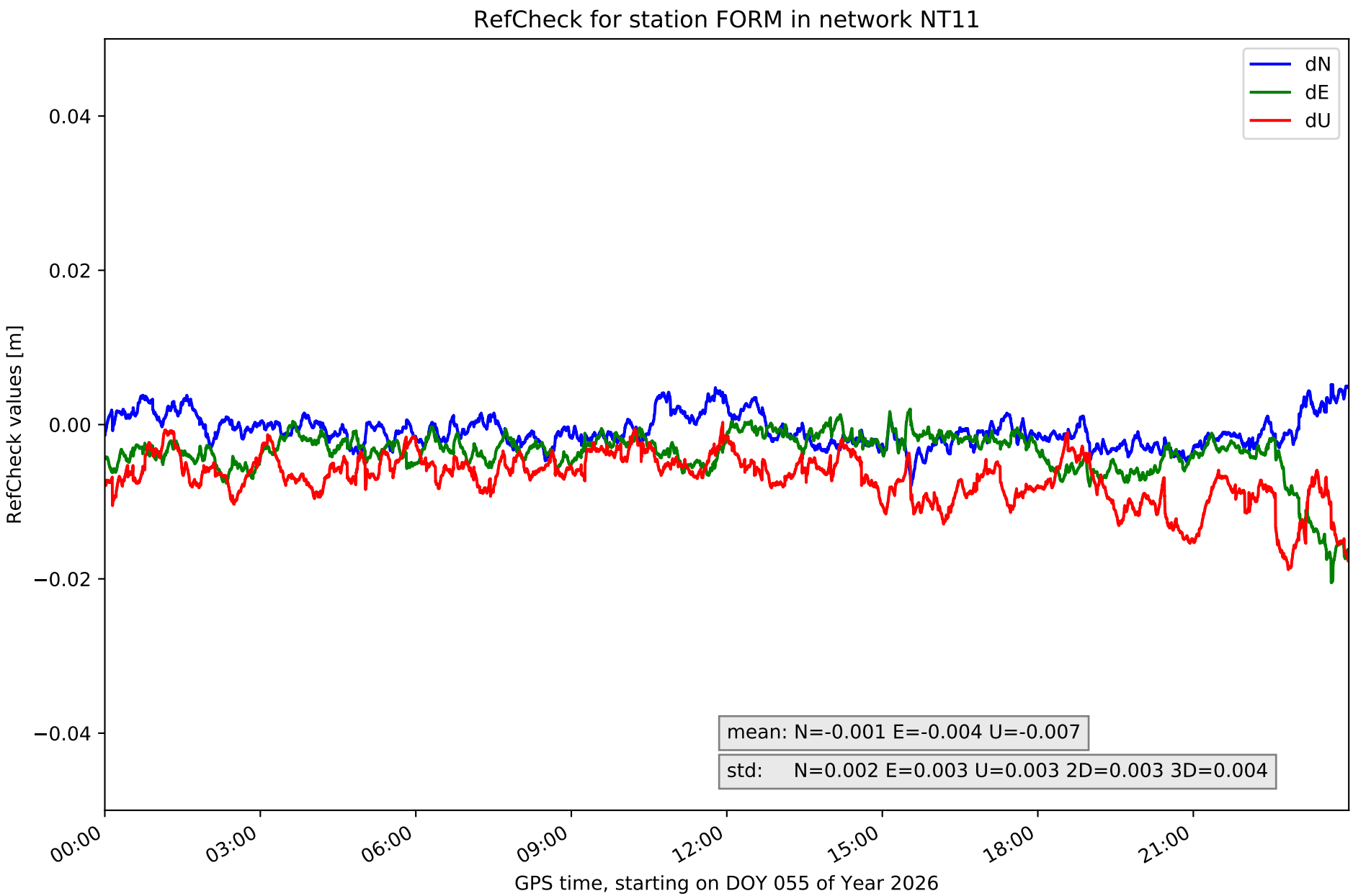

Station SJO1 in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

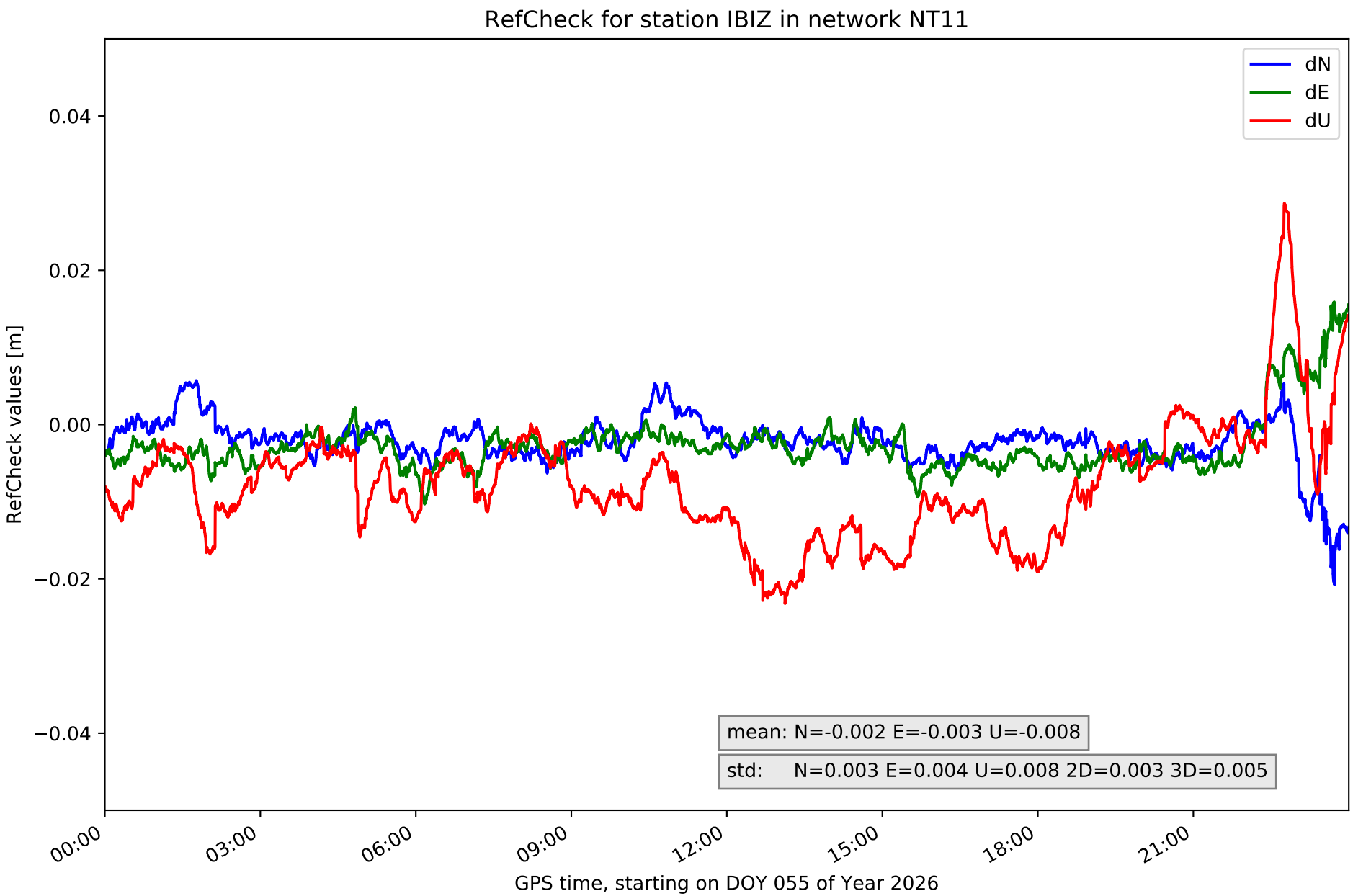

Station TRAU in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

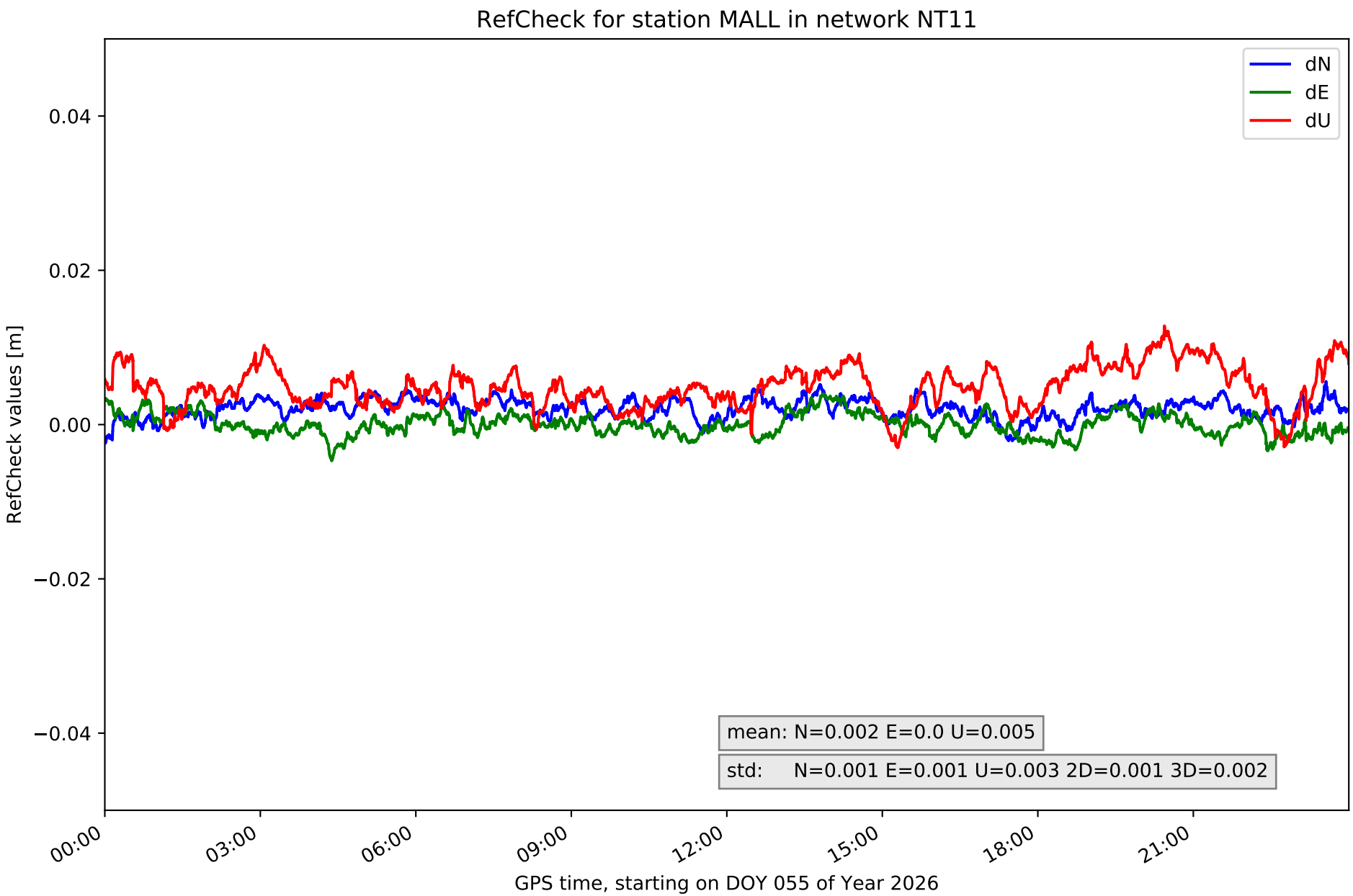

RefCheck for station ALOR in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.0 U=-0.007
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

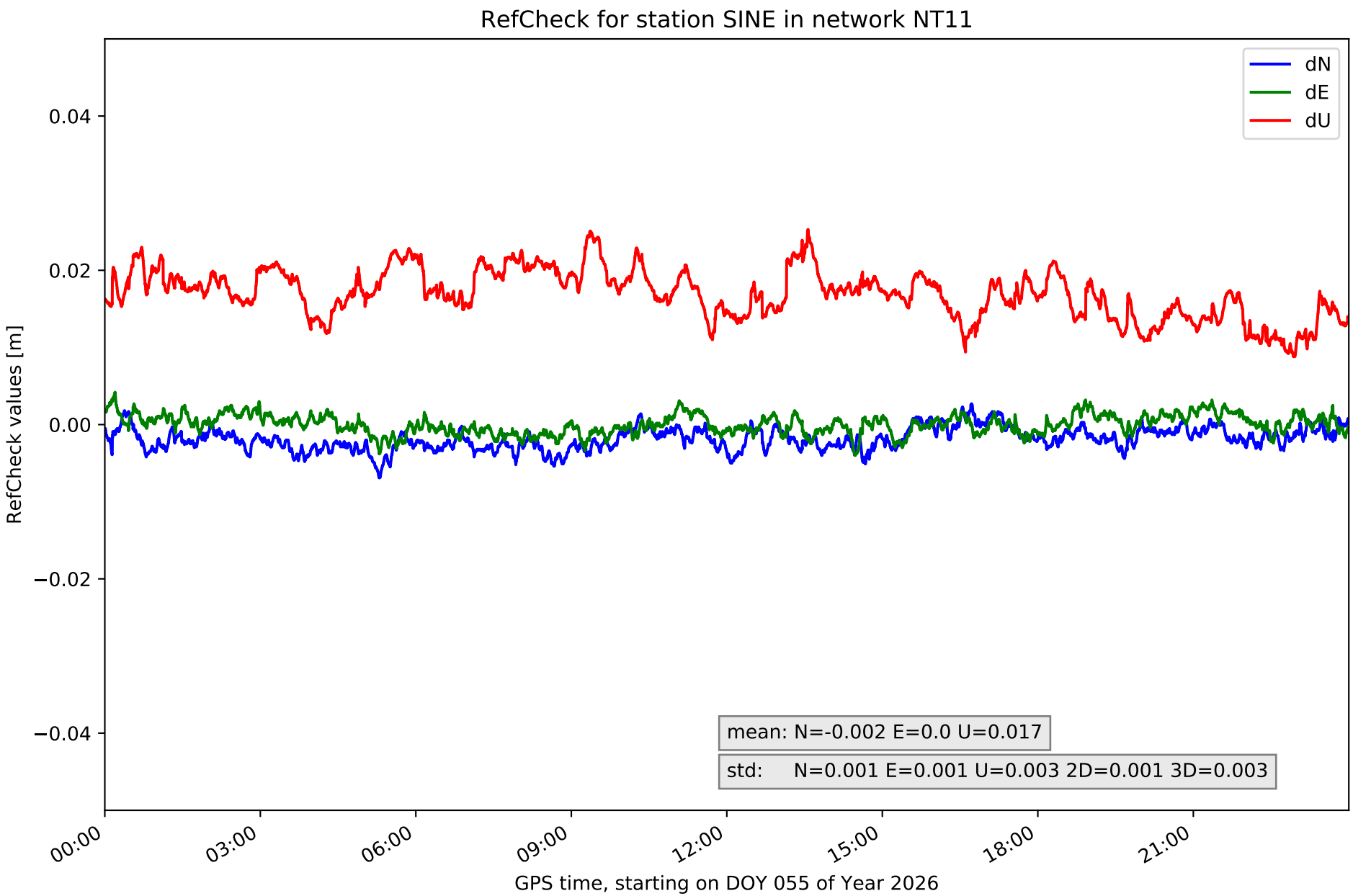

RefCheck for station CBON in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.001 U=-0.001
std: N=0.002 E=0.002 U=0.003 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

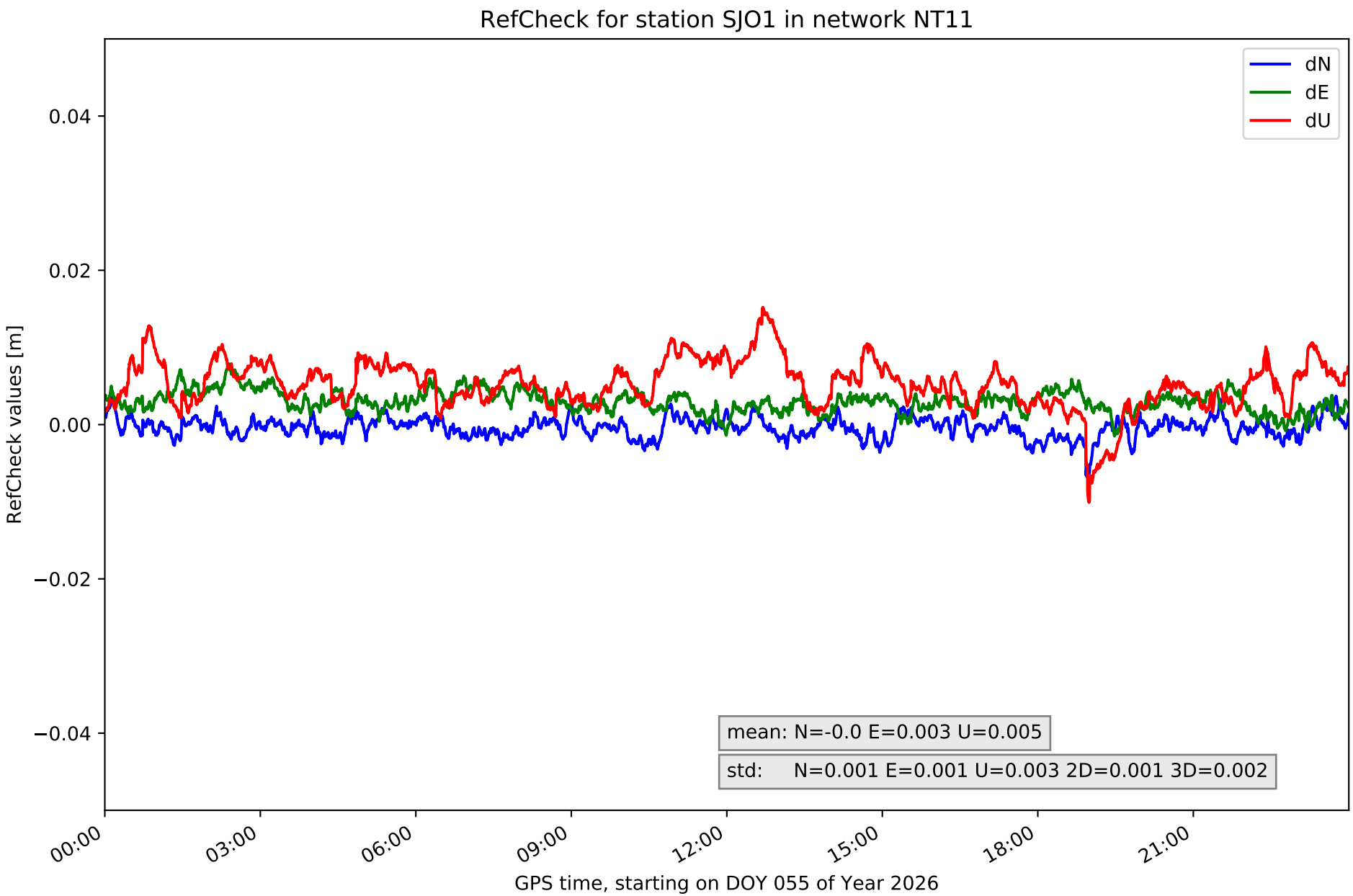

RefCheck for station EIVI in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.0 U=0.001
std: N=0.004 E=0.003 U=0.006 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

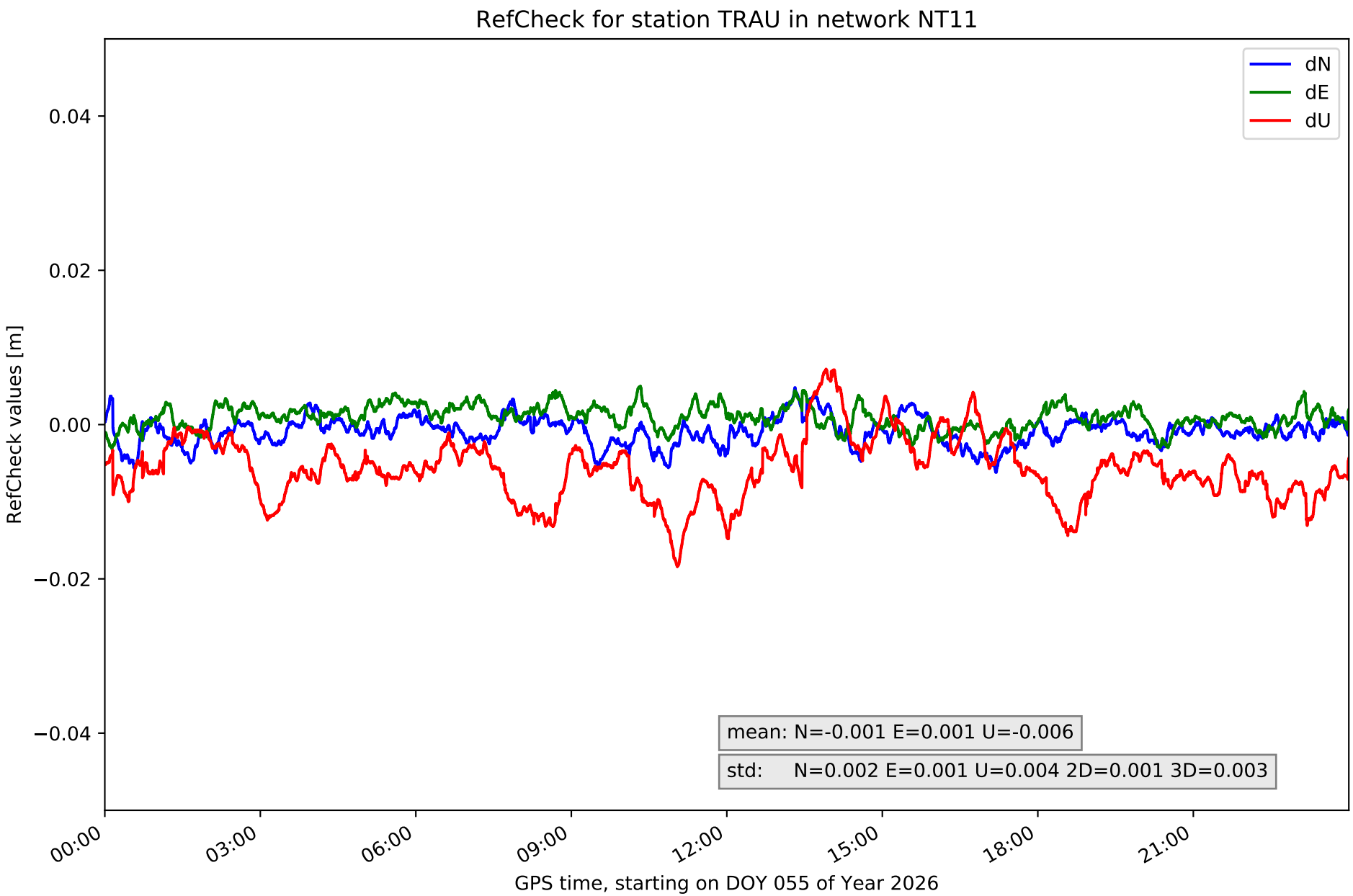

RefCheck for station FORM in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.004 U=-0.007
std: N=0.002 E=0.003 U=0.003 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026


RefCheck for station IBIZ in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.003 U=-0.008
std: N=0.003 E=0.004 U=0.008 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 055 of Year 2026


RefCheck for station MALL in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.0 U=0.005
std: N=0.001 E=0.001 U=0.003 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026


RefCheck for station SINE in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.0 U=0.017
std: N=0.001 E=0.001 U=0.003 2D=0.001 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026


RefCheck for station SJO1 in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.003 U=0.005
std: N=0.001 E=0.001 U=0.003 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026


RefCheck for station TRAU in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.001 U=-0.006
std: N=0.002 E=0.001 U=0.004 2D=0.001 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 055 of Year 2026

# RefCheck values for network NT11

| Station | Nmin | Nmax | Nstd | Emin | Emax | Estd | Umin | Umax | Ustd | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALOR | -0.008 | 0.004 | 0.002 | -0.007 | 0.01 | 0.002 | -0.017 | 0.004 | 0.004 | 0.002 | 0.004 | 132 | 0.2 | 0 | 0.0 |
| CBON | -0.007 | 0.004 | 0.002 | -0.006 | 0.006 | 0.002 | -0.013 | 0.009 | 0.003 | 0.001 | 0.002 | 0 | 0.0 | 0 | 0.0 |
| EIVI | -0.006 | **0.018** | **0.004** | -0.015 | 0.007 | 0.003 | -0.014 | 0.017 | 0.006 | **0.003** | 0.004 | **15426** | **18.0** | 807 | 0.9 |
| FORM | -0.008 | 0.005 | 0.002 | **-0.021** | 0.002 | 0.003 | -0.019 | 0.0 | 0.003 | **0.003** | 0.004 | 3471 | 4.1 | 1572 | 1.8 |
| IBIZ | **-0.021** | 0.006 | 0.003 | -0.01 | **0.016** | **0.004** | **-0.023** | **0.029** | **0.008** | **0.003** | **0.005** | 3956 | 4.6 | 5284 | 6.2 |
| MALL | -0.002 | 0.006 | 0.001 | -0.005 | 0.004 | 0.001 | -0.003 | 0.013 | 0.003 | 0.001 | 0.002 | 0 | 0.0 | 0 | 0.0 |
| SINE | -0.007 | 0.003 | 0.001 | -0.004 | 0.004 | 0.001 | 0.009 | 0.025 | 0.003 | 0.001 | 0.003 | 0 | 0.0 | **17235** | **20.1** |
| SJO1 | -0.007 | 0.004 | 0.001 | -0.002 | 0.008 | 0.001 | -0.01 | 0.015 | 0.003 | 0.001 | 0.002 | 0 | 0.0 | 0 | 0.0 |
| TRAU | -0.006 | 0.005 | 0.002 | -0.003 | 0.005 | 0.001 | -0.018 | 0.007 | 0.004 | 0.001 | 0.003 | 0 | 0.0 | 0 | 0.0 |
| **Mean** | **-0.008** | **0.006** | **0.002** | **-0.008** | **0.007** | **0.002** | **-0.012** | **0.013** | **0.004** | **0.002** | **0.003** | **2553.9** | **3.0** | **2766.4** | **3.2** |
| **Min/Max** | **-0.021** | **0.018** | **0.004** | **-0.021** | **0.016** | **0.004** | **-0.023** | **0.029** | **0.008** | **0.003** | **0.005** | **15426** | **18.0** | **17235** | **20.1** |

# fixing statistic for network NT11

| fixing percentage of | all GNSS | G | R | E | C |
|---|---|---|---|---|---|
| using threshold 0.3 | 95.1 | 95.9 | 94.3 | 95.8 | 94.3 |
| considering satellites with dual-frequency fixed | 93.9 | 94.7 | 93.1 | 94.7 | 92.9 |
| considering all signals separately | 94.0 | 94.7 | 93.1 | 94.8 | 92.8 |