summary for network NT14

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

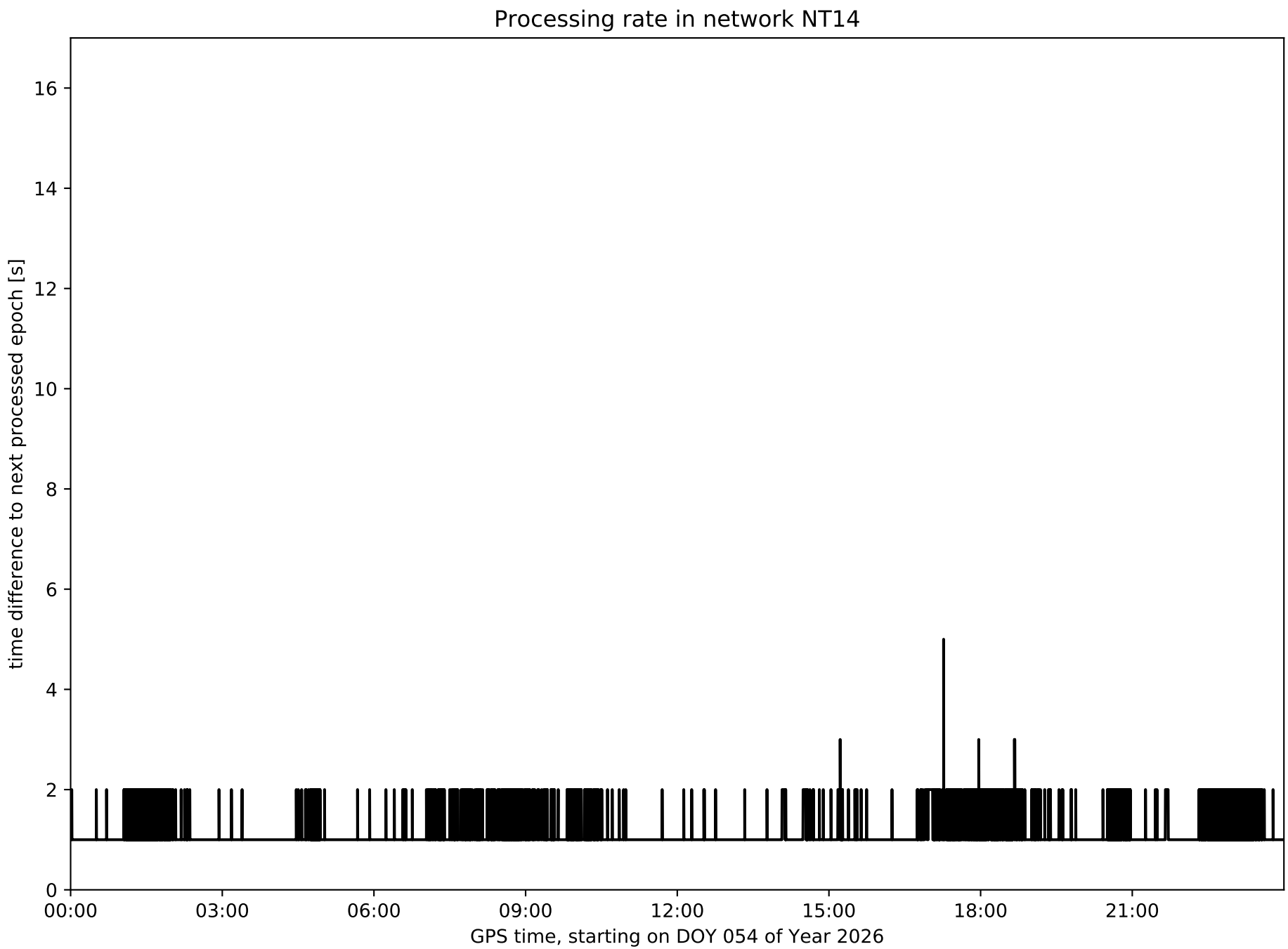
average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

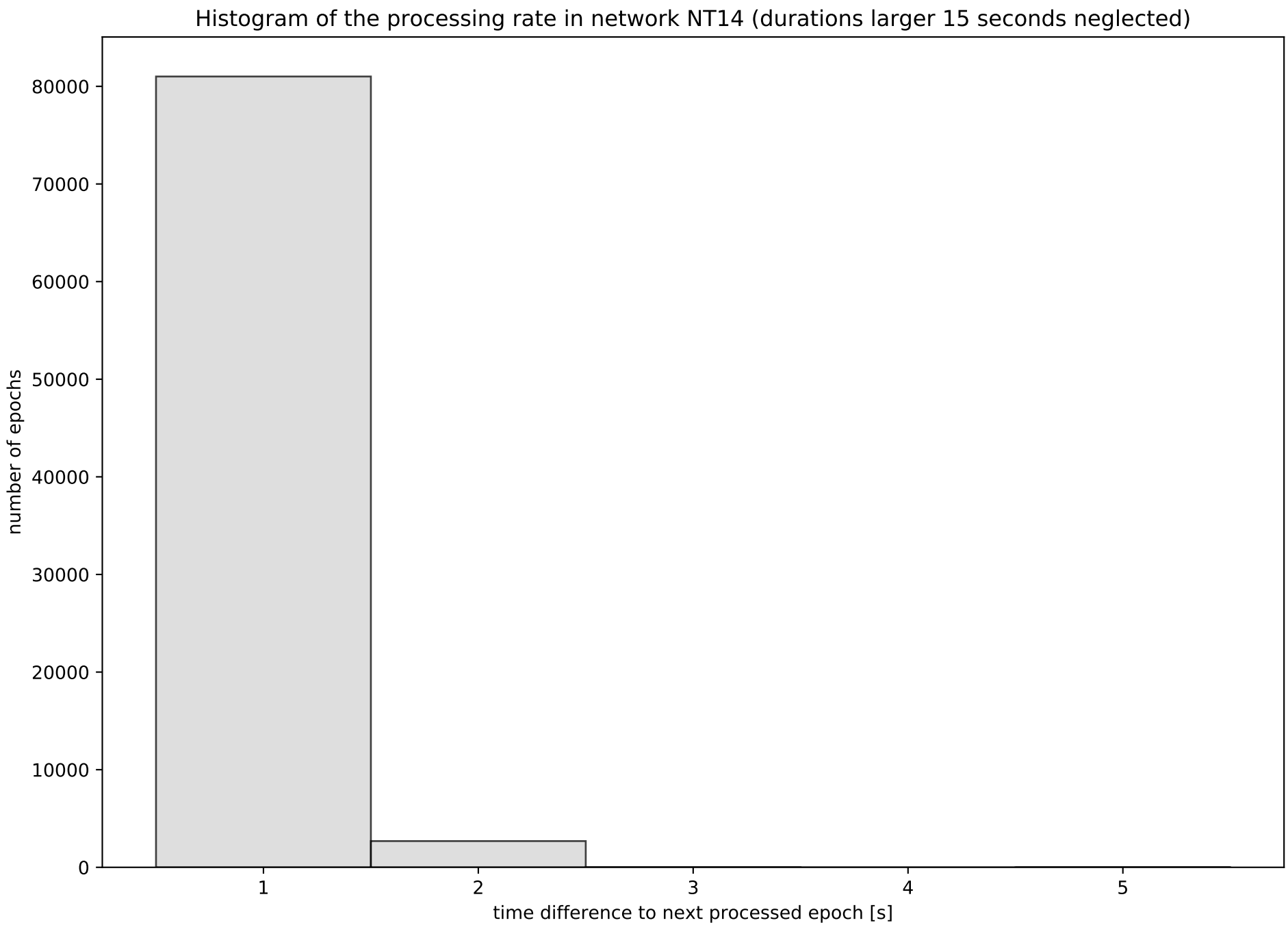
average fixing percentage with threshold set to 0.3: 94.4 percent

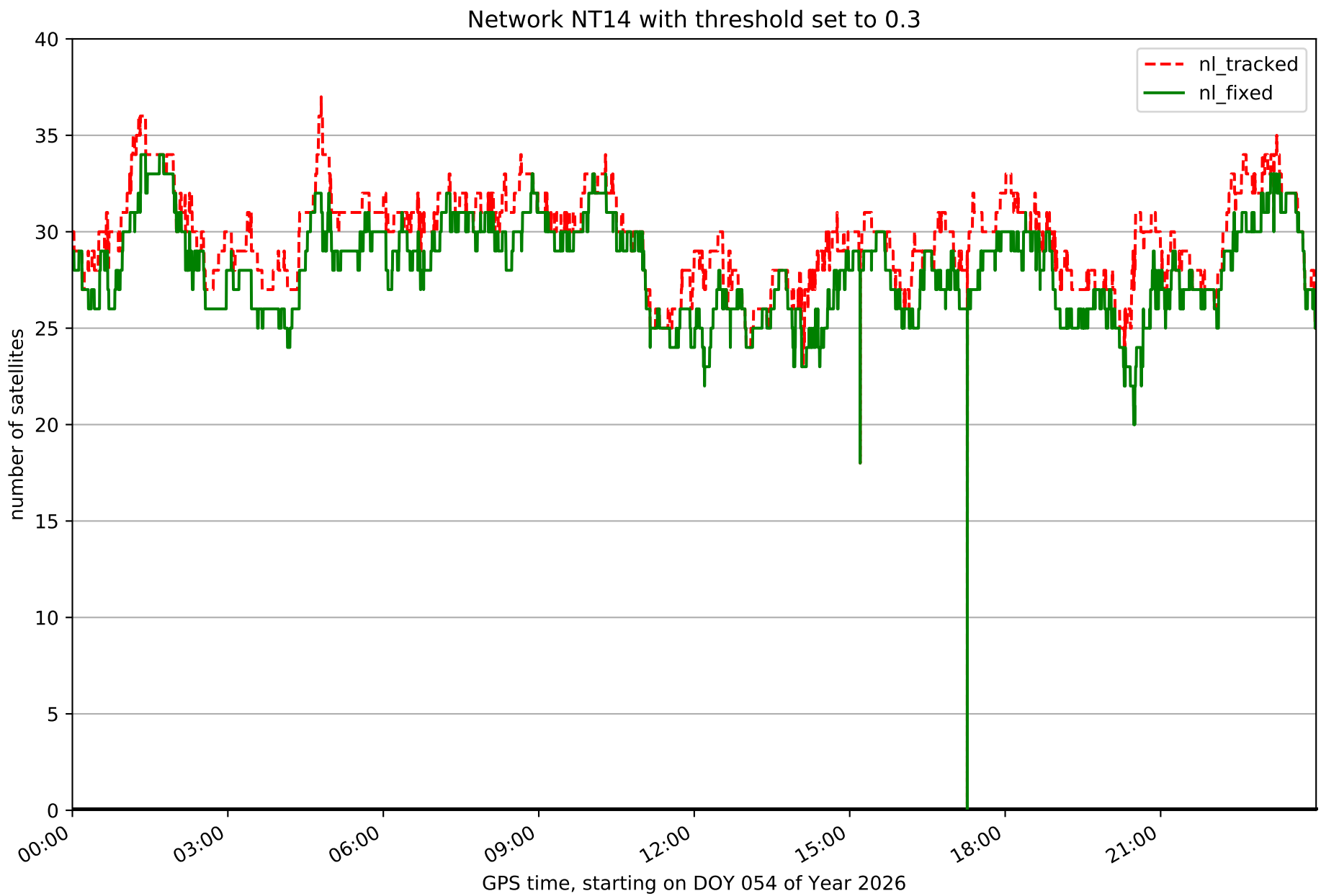
stations available: 13 of 13

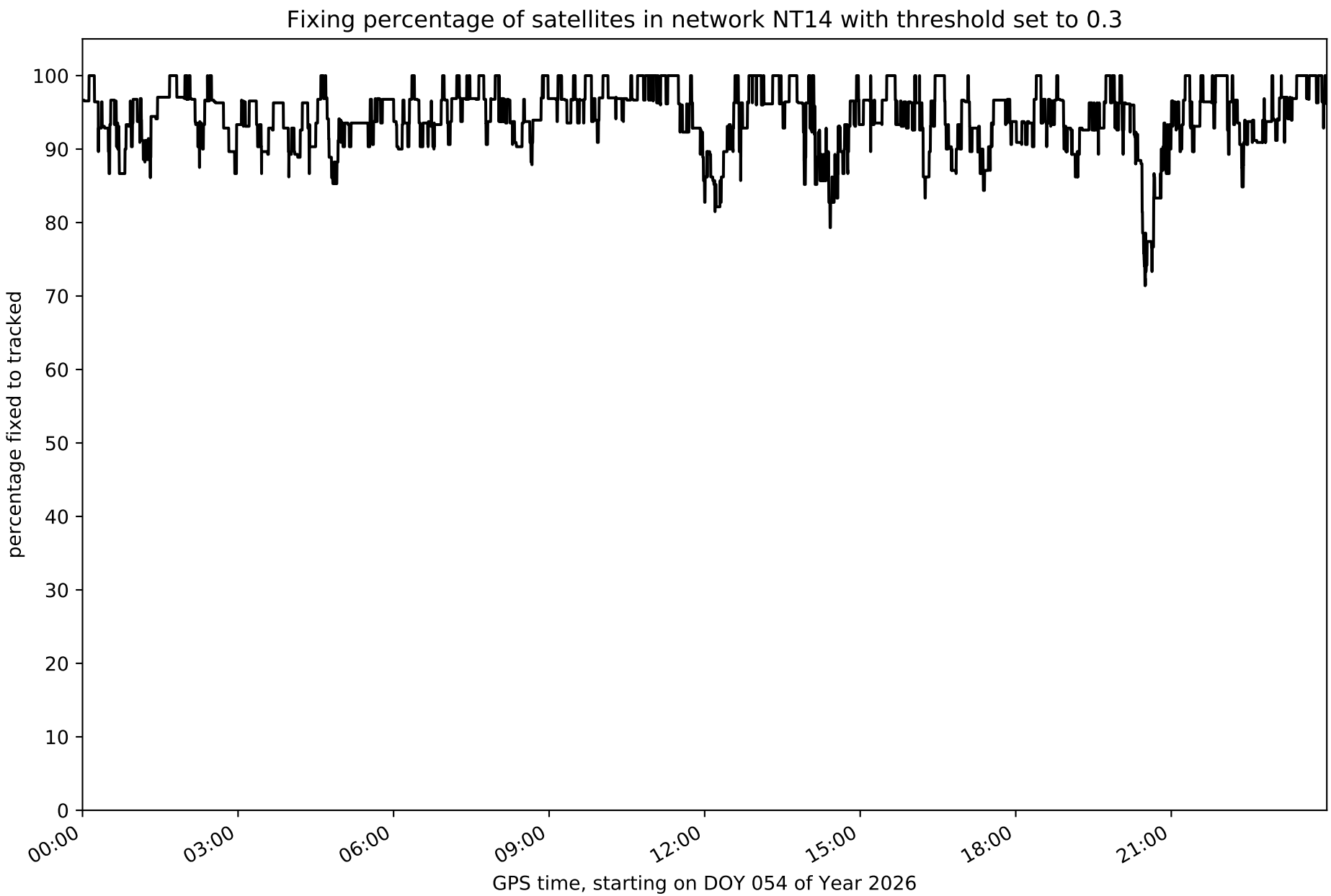
station information:

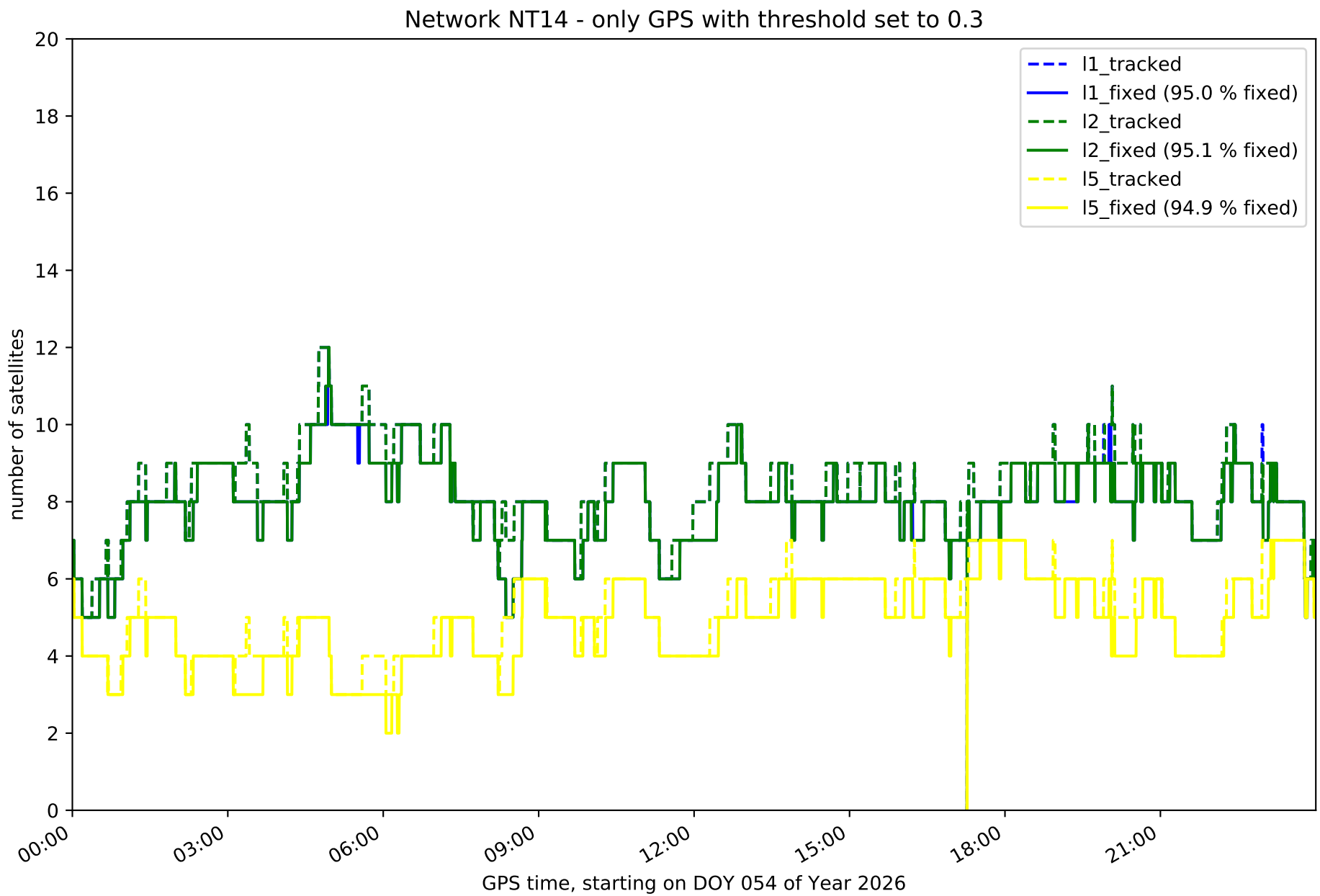
station ABAN:	antenna: LEIAR25 LEIT	receiver: LEICA GR30	height: 207.768
station AIO2:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 662.859
station ALAC:	antenna: LEIAR25.R3 LEIT	receiver: LEICA GR50	height: 63.367
station ALCO:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 640.121
station BORR:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 73.019
station DENI:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR10	height: 69.735
station IEJA:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 1358.249
station PENI:	antenna: LEIAR25.R4 LEIT	receiver: LEICA GR25	height: 108.648
station SARR:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 1041.631
station TOR0:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 64.679
station UTIE:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 799.741
station VALE:	antenna: LEIAR25.R3 LEIT	receiver: LEICA GR50	height: 80.598
station VJOI:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 117.157

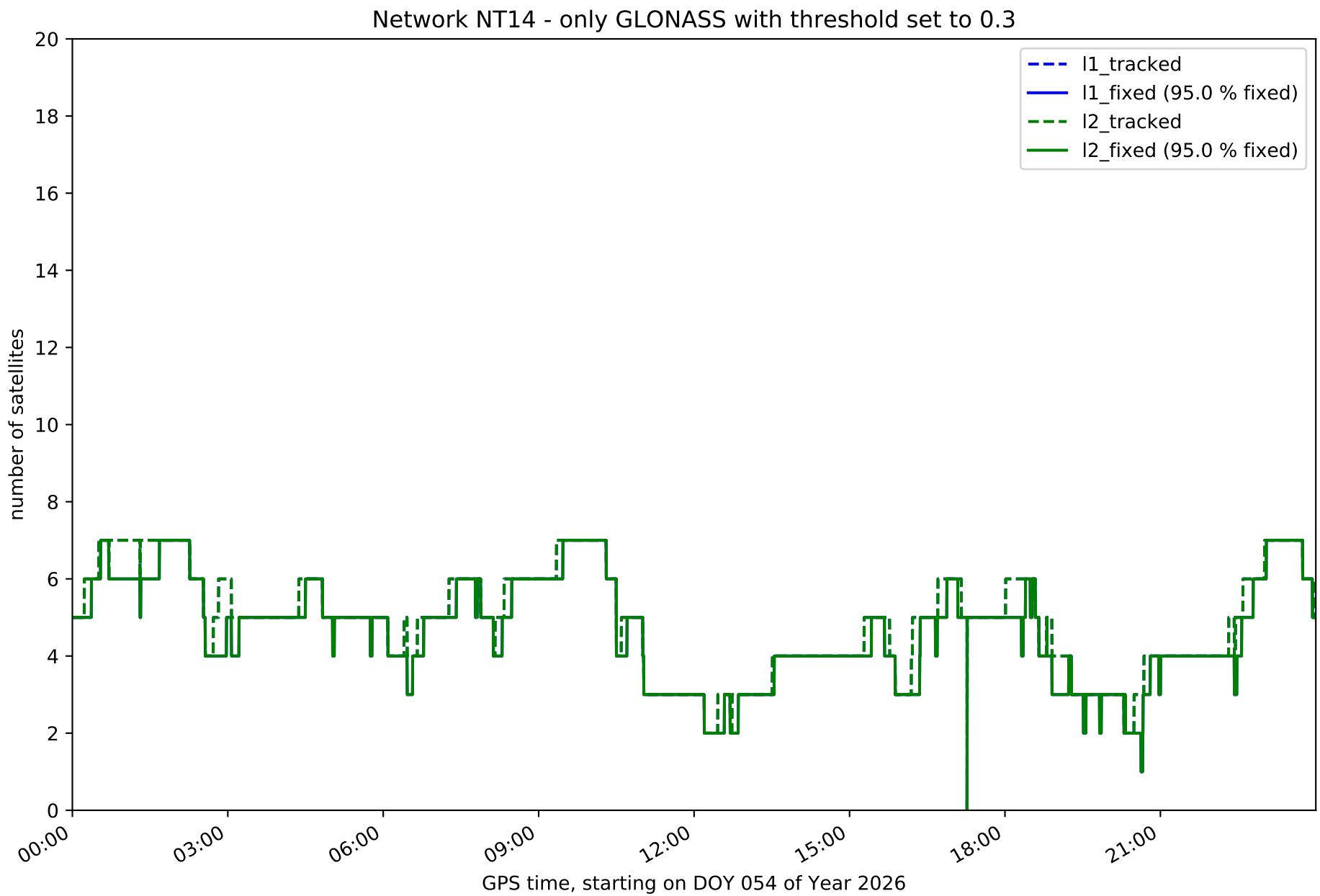

Processing rate in network NT14
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

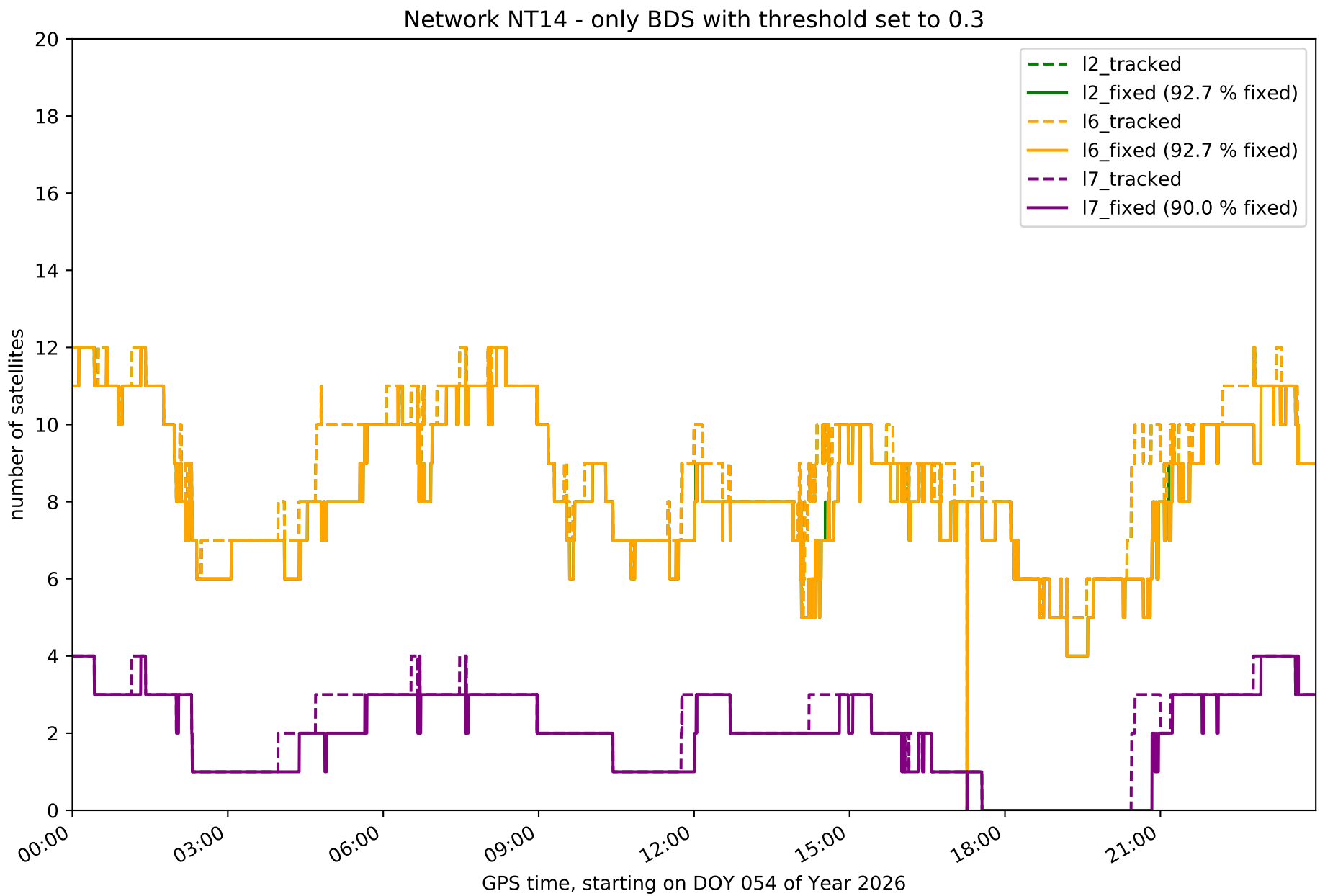

Histogram of the processing rate in network NT14 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
80000
1
2
3
4
5
time difference to next processed epoch [s]

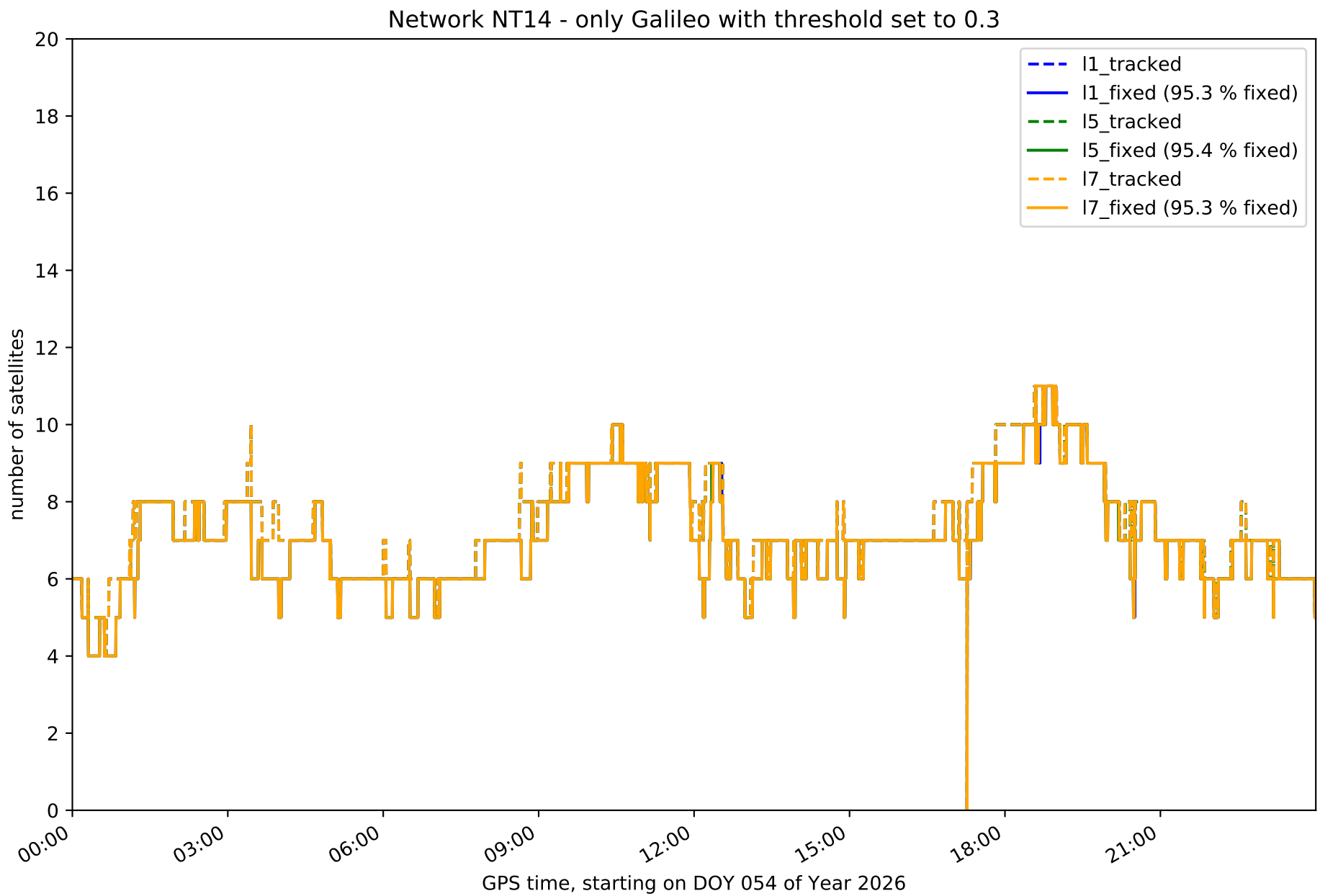

Network NT14 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

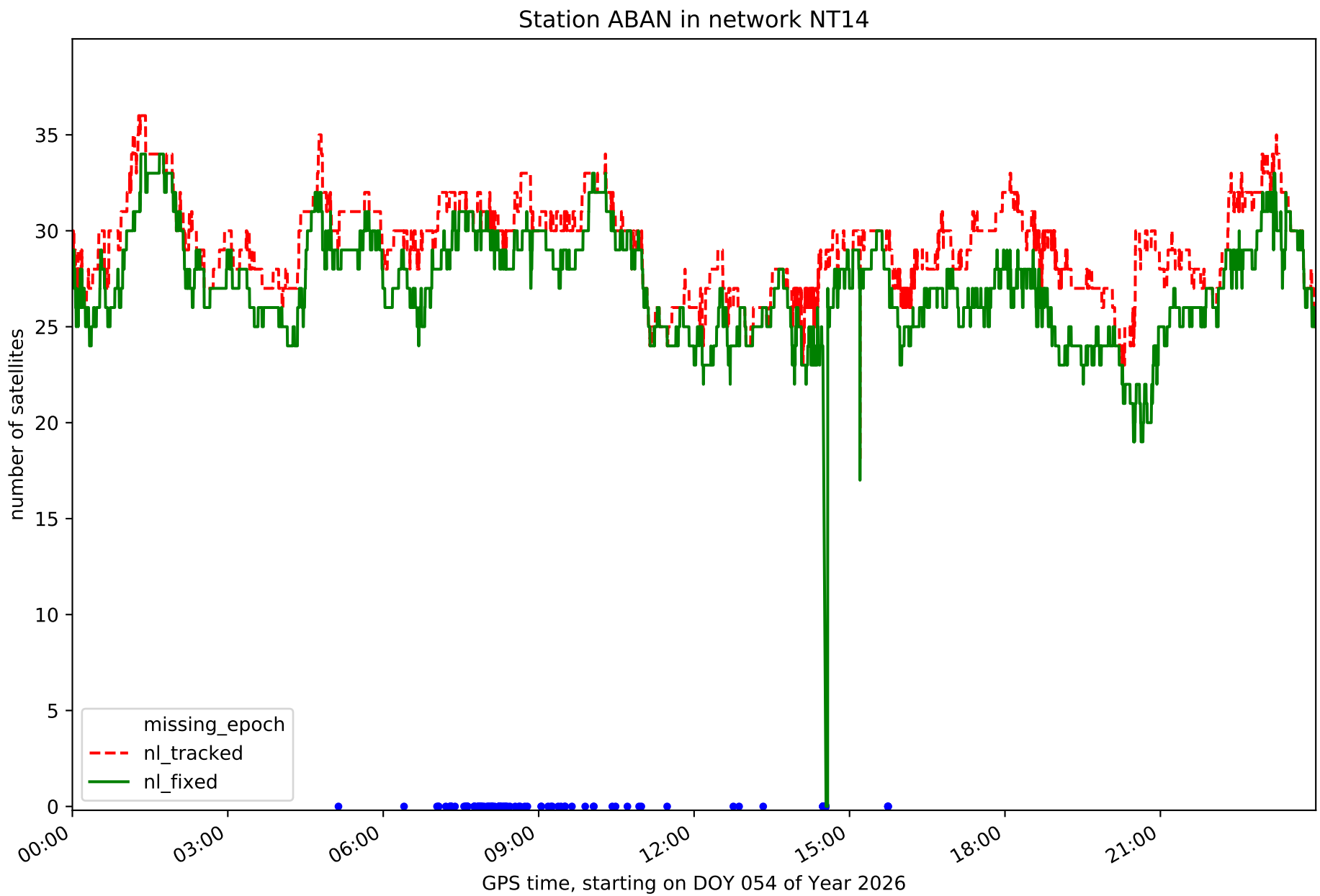

Fixing percentage of satellites in network NT14 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

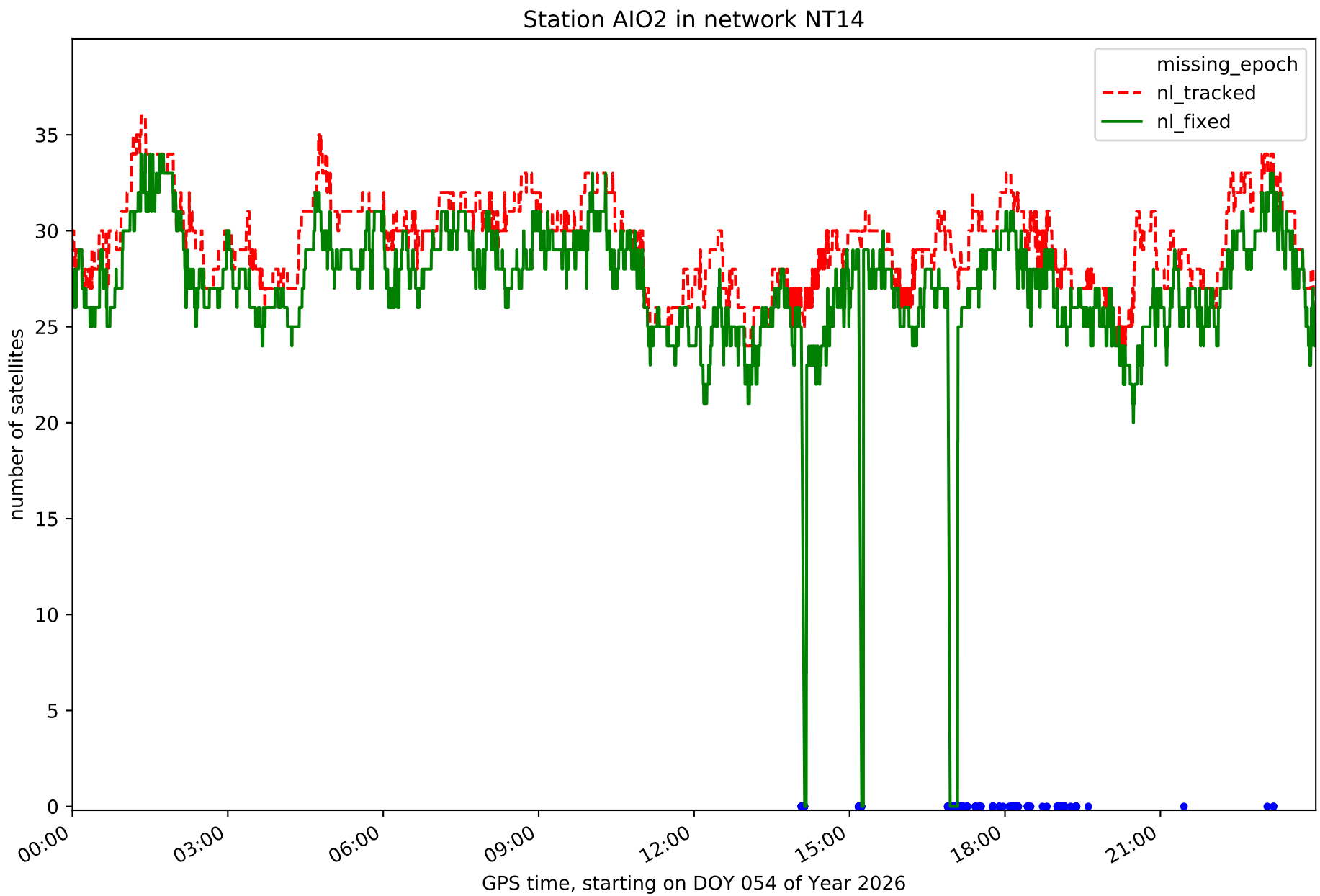

Network NT14 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (95.0 % fixed)
l2_tracked
l2_fixed (95.1 % fixed)
l5_tracked
l5_fixed (94.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

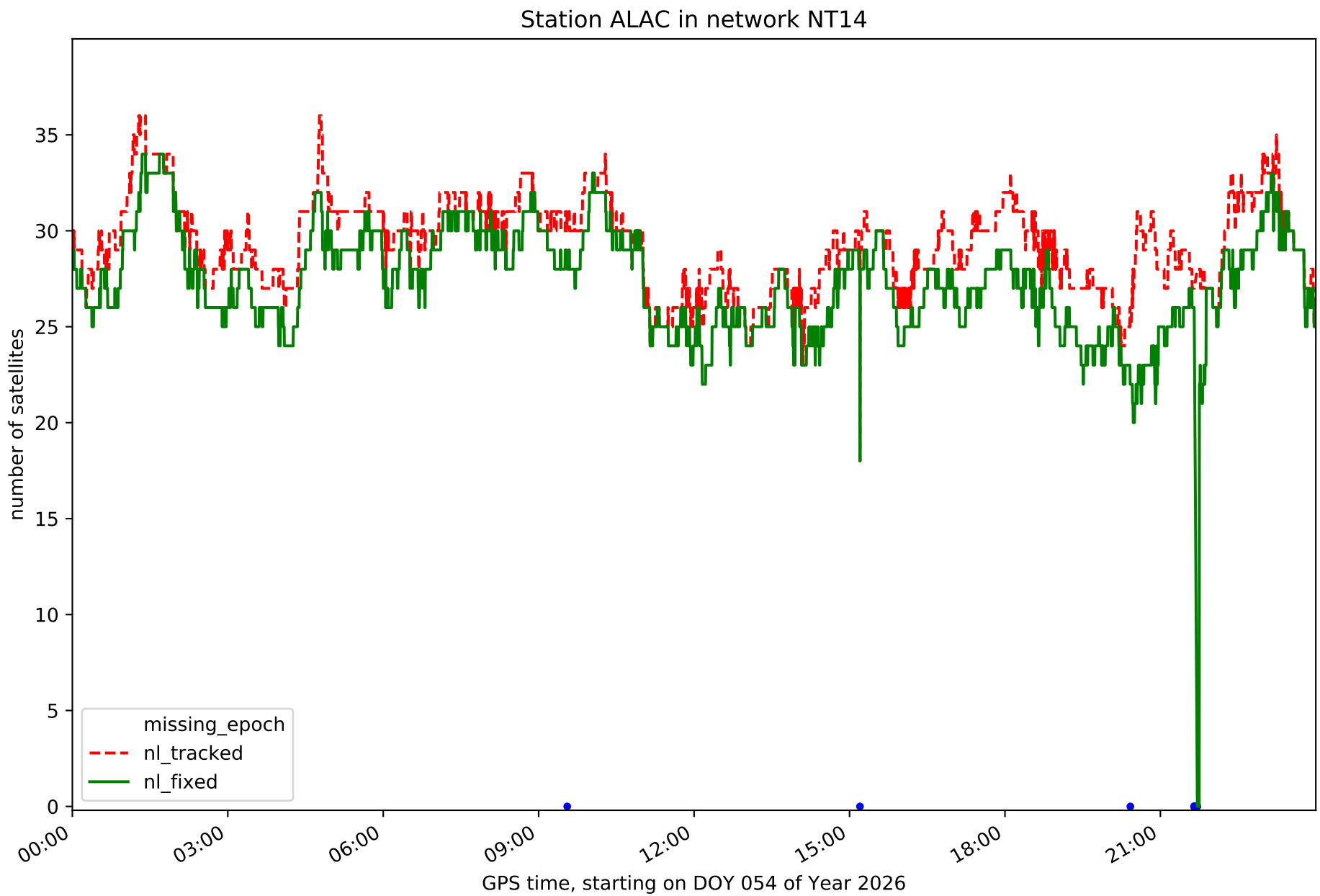

Network NT14 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (95.0 % fixed)
l2_tracked
l2_fixed (95.0 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

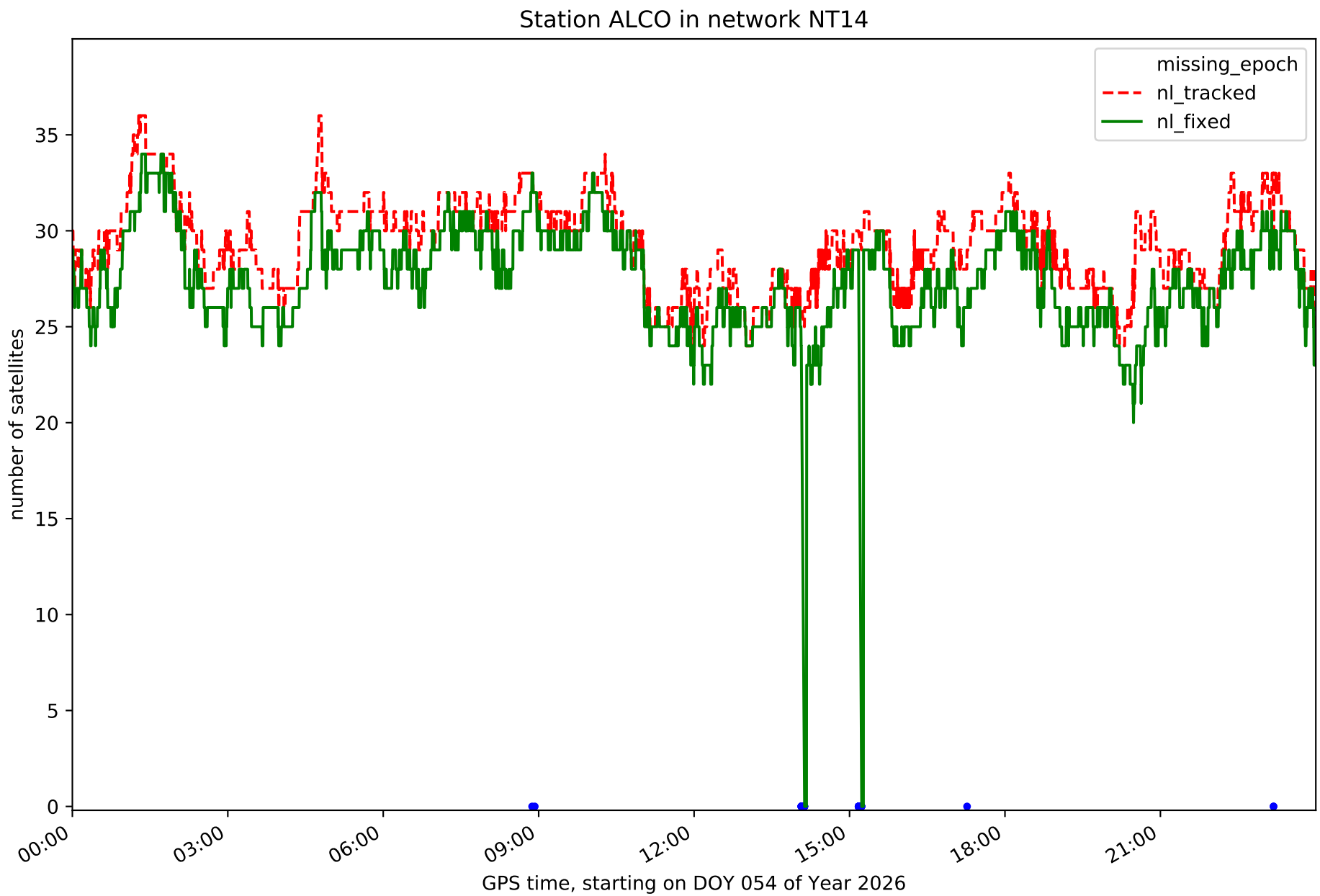

Network NT14 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 054 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (92.7 % fixed)
l6_tracked
l6_fixed (92.7 % fixed)
l7_tracked
l7_fixed (90.0 % fixed)

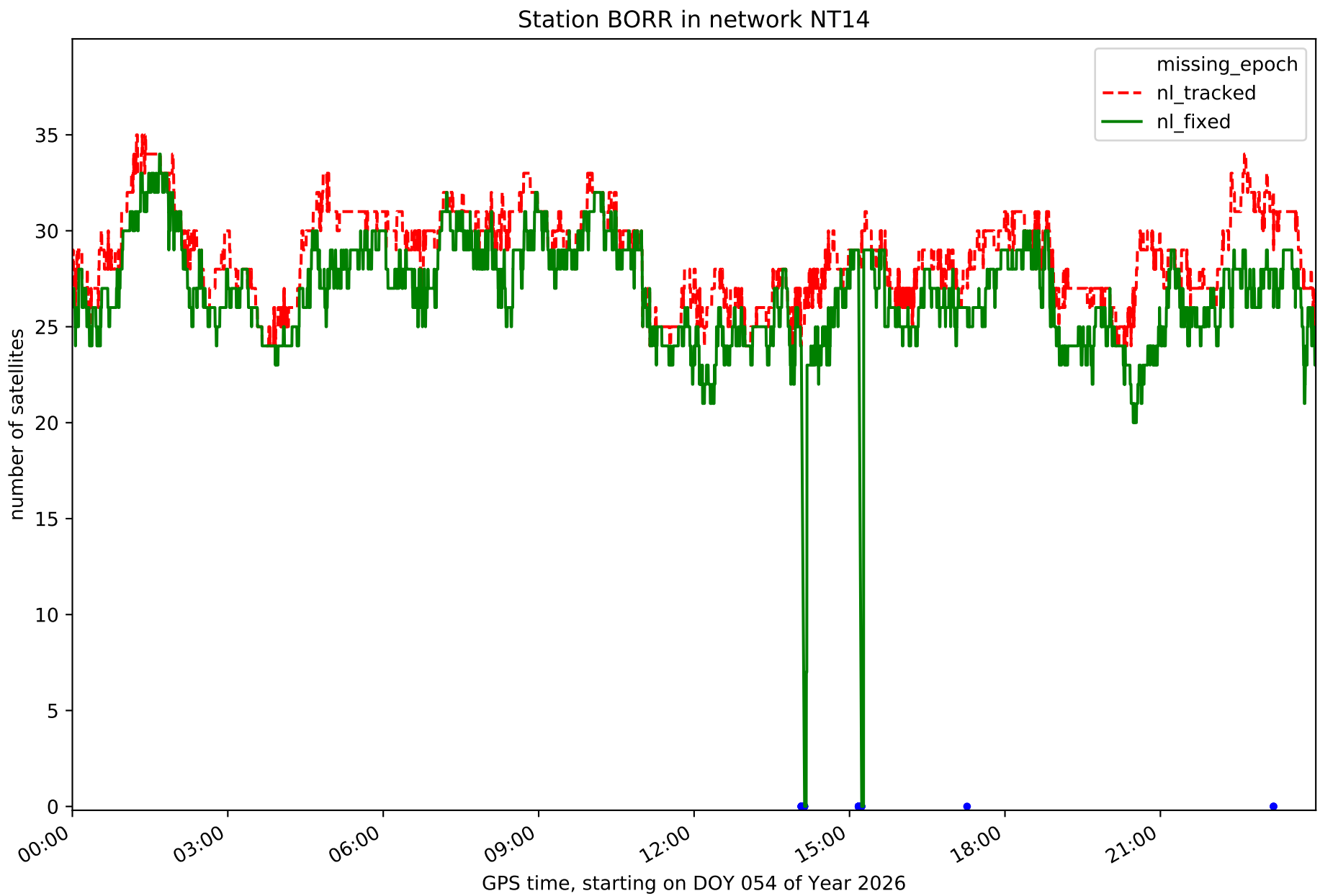

Network NT14 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 054 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (95.3 % fixed)
l5_tracked
l5_fixed (95.4 % fixed)
l7_tracked
l7_fixed (95.3 % fixed)

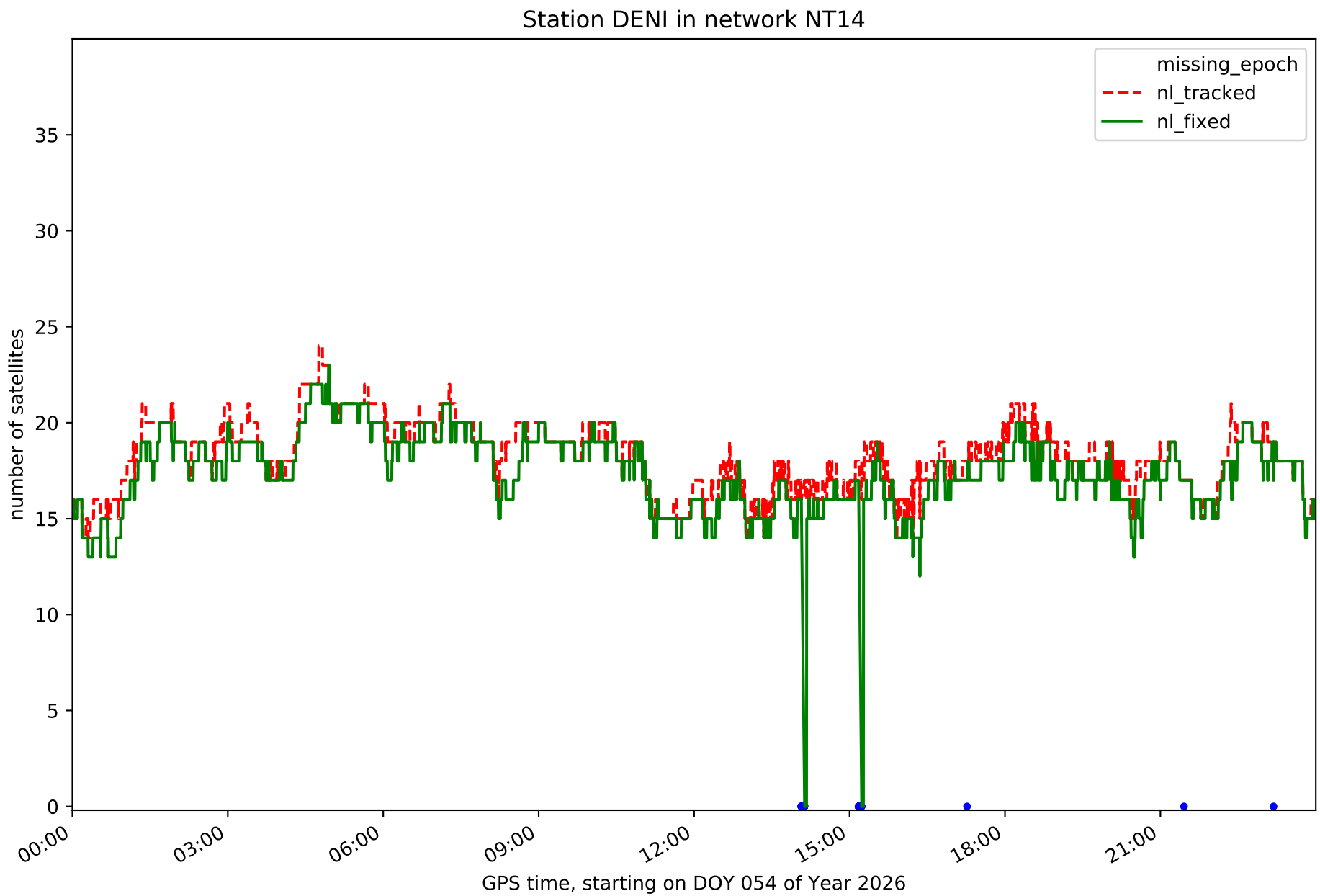

Station ABAN in network NT14
number of satellites
35
30
25
20
15
10
5
0
missing_epoch
nl_tracked
nl_fixed
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

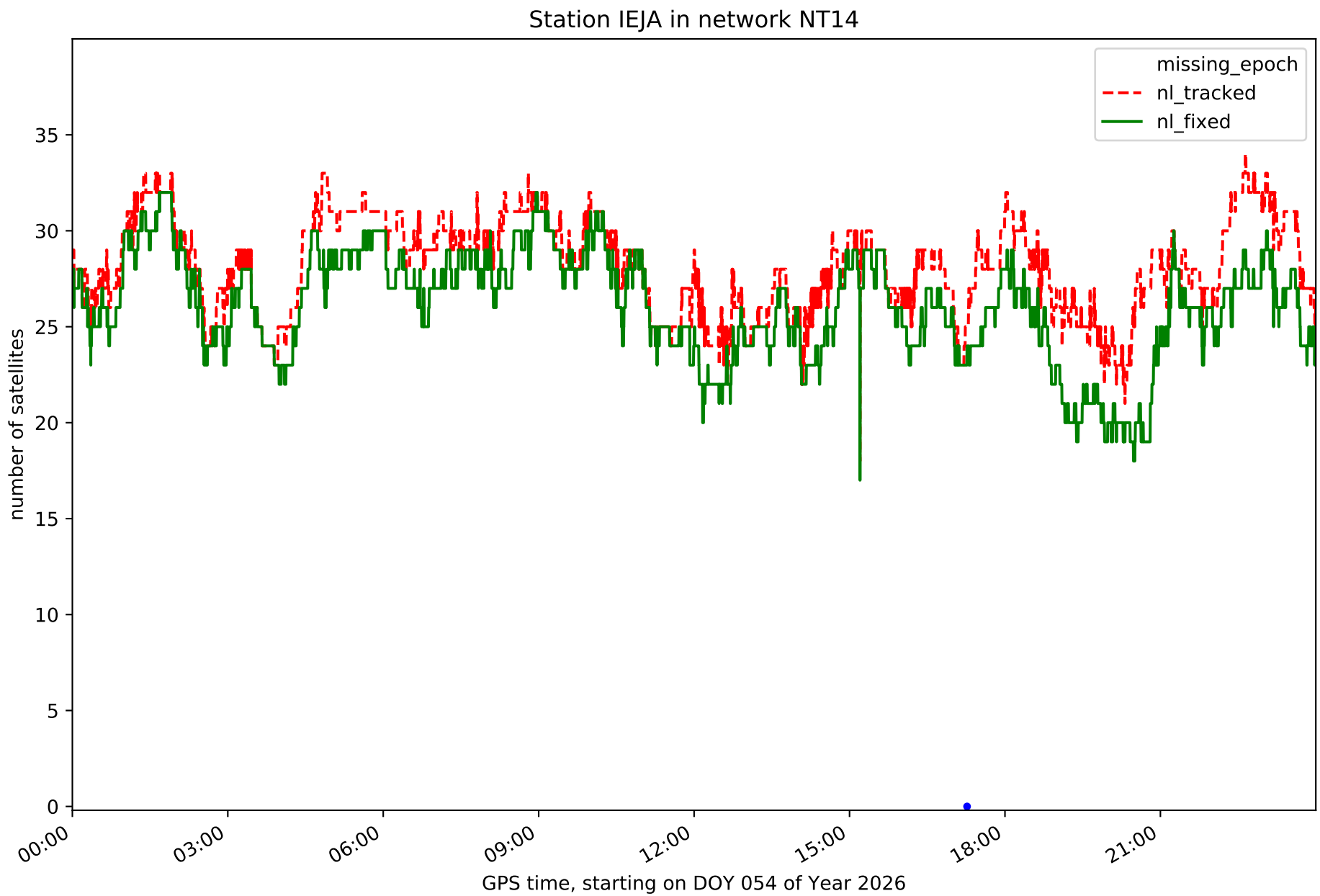

Station AIO2 in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

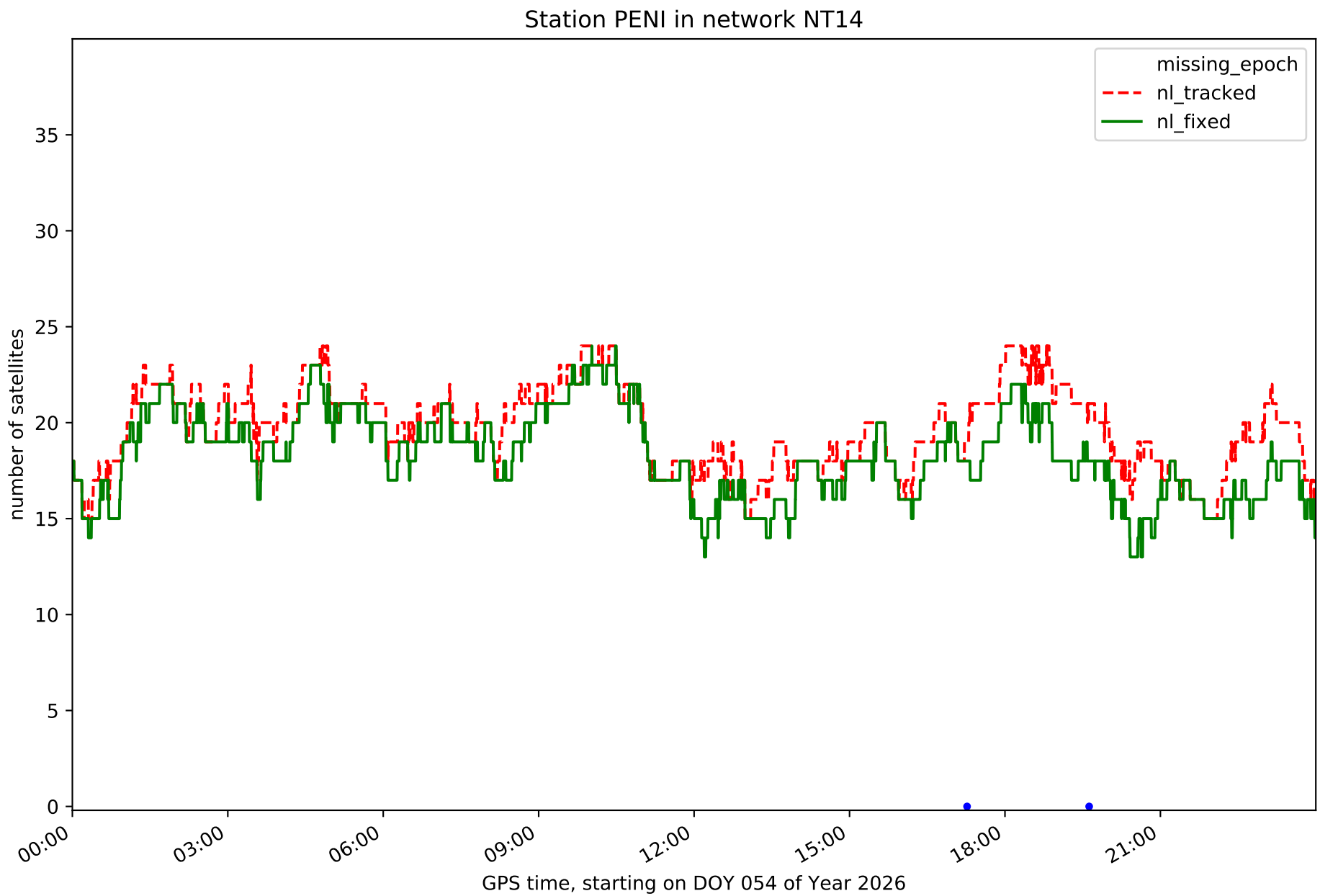

Station ALAC in network NT14
number of satellites
0
5
10
15
20
25
30
35
missing_epoch
nl_tracked
nl_fixed
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

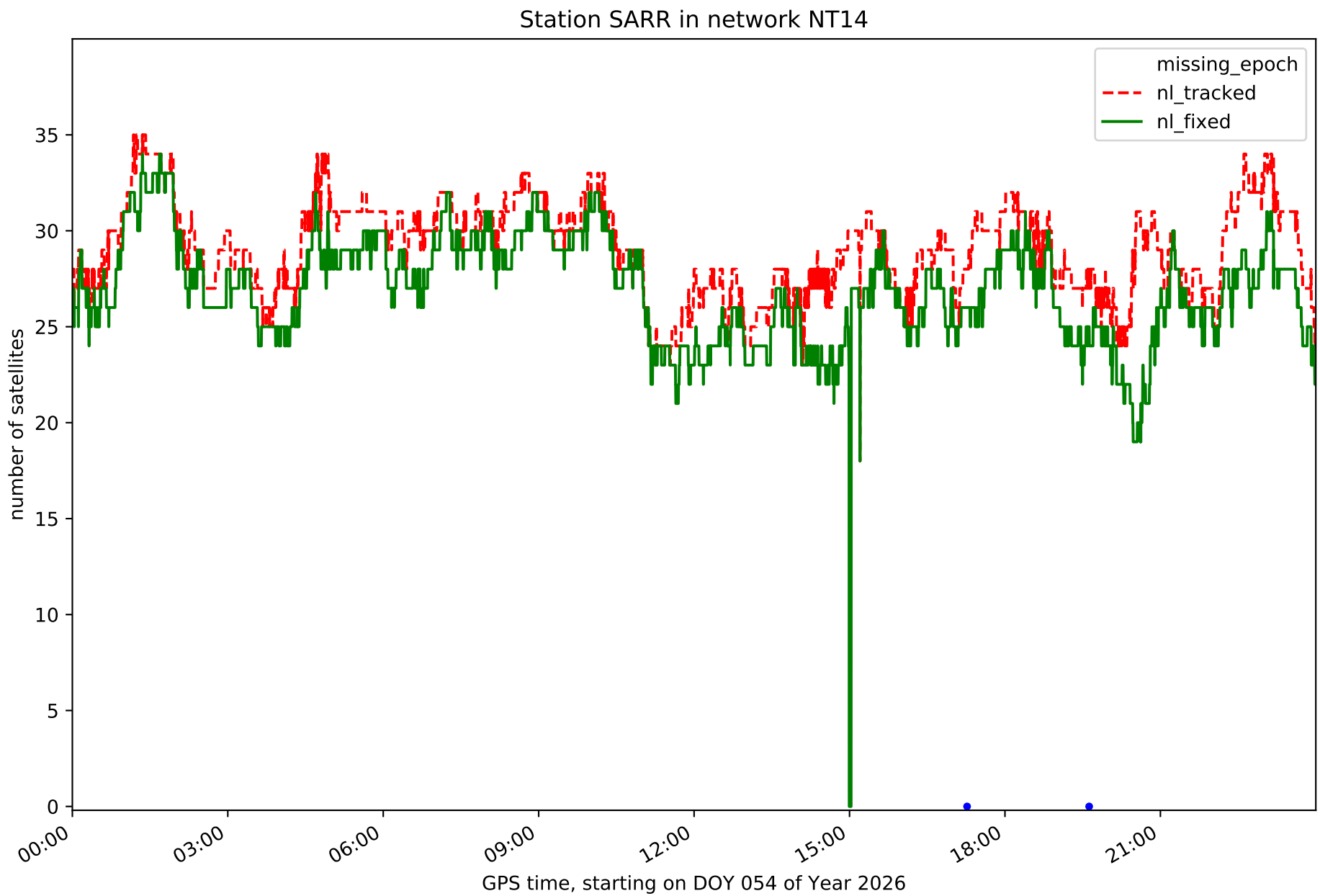

Station ALCO in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

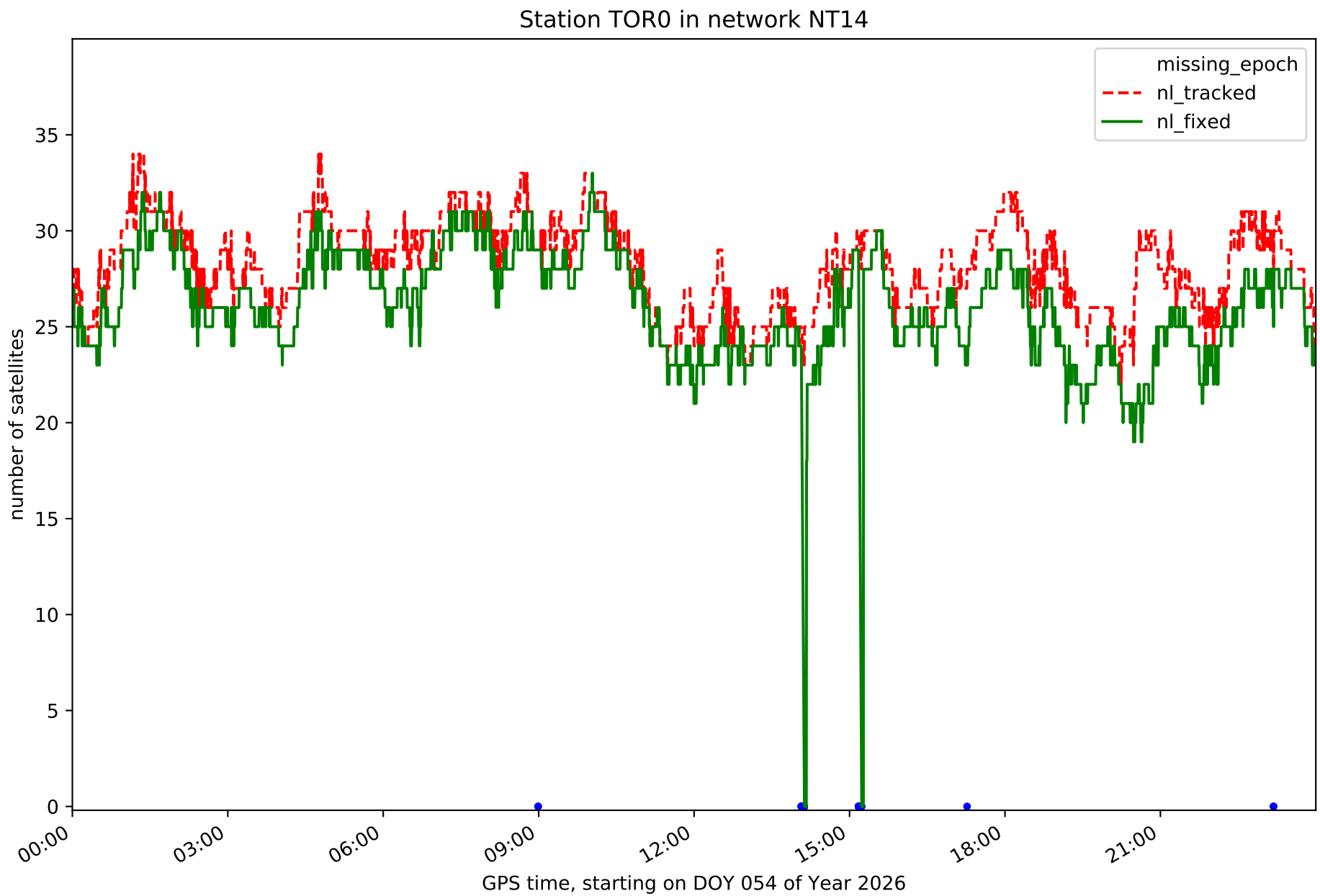

Station BORR in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

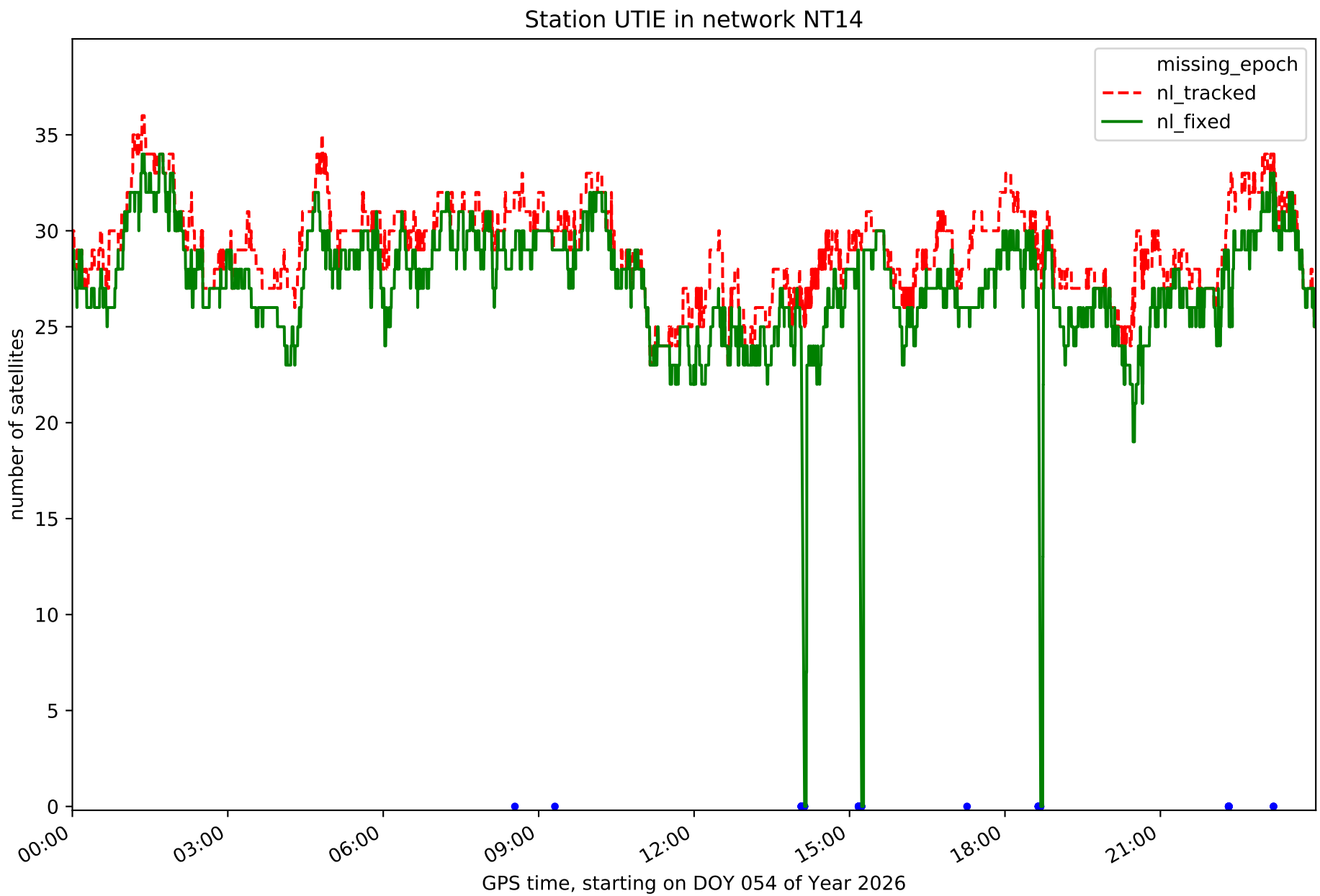

Station DENI in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

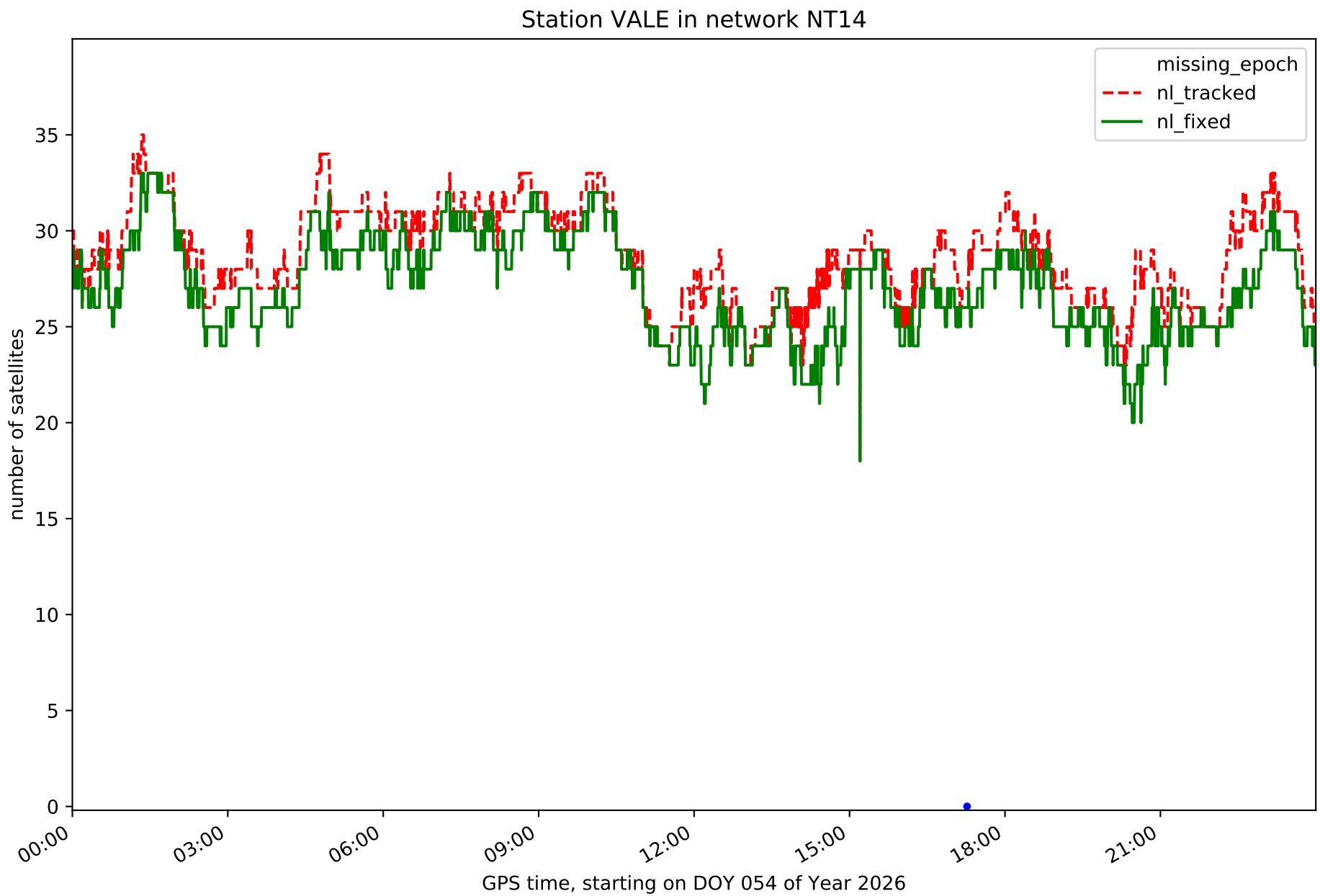

Station IEJA in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

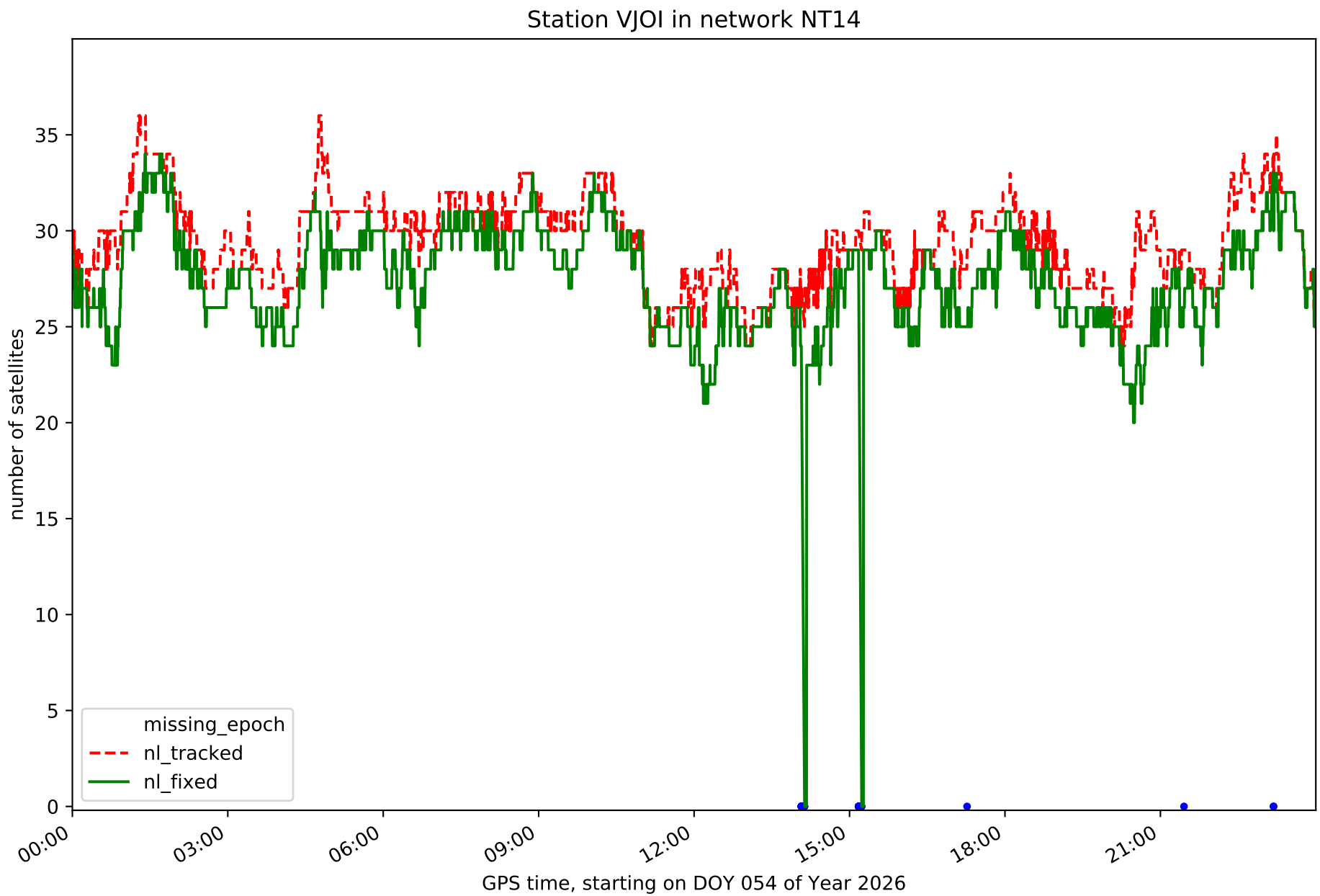

Station PENI in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

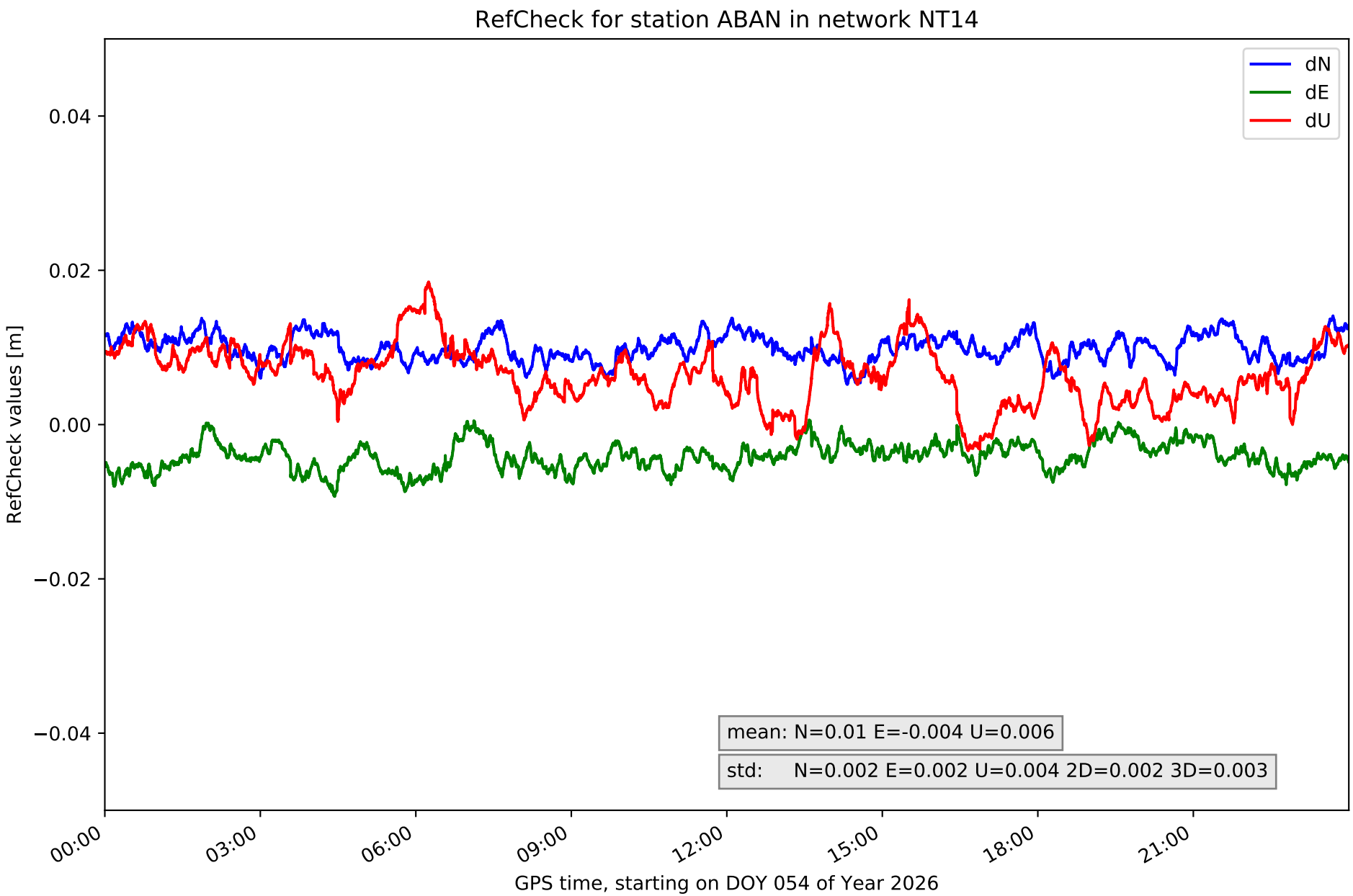

Station SARR in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

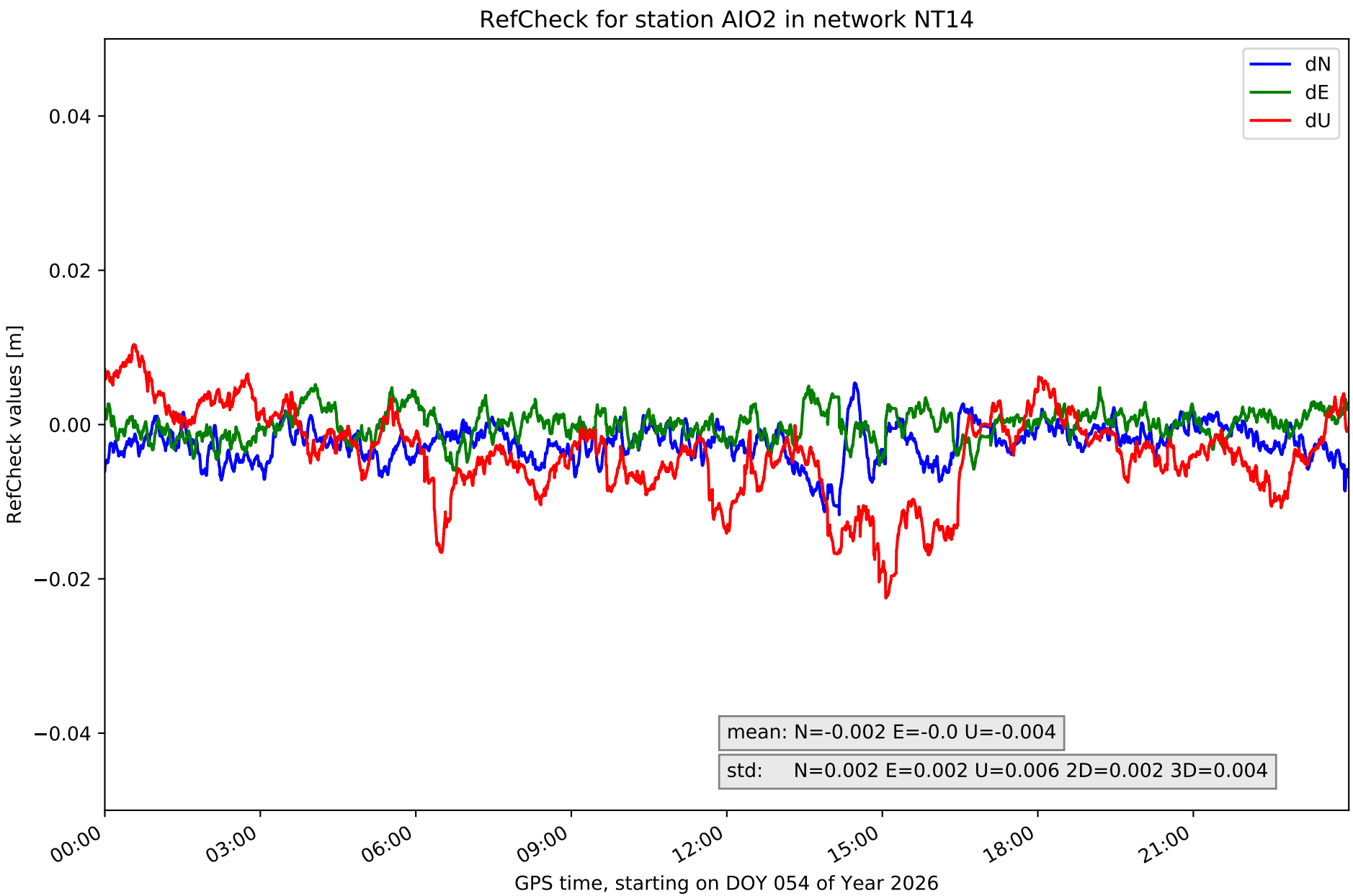

Station TOR0 in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

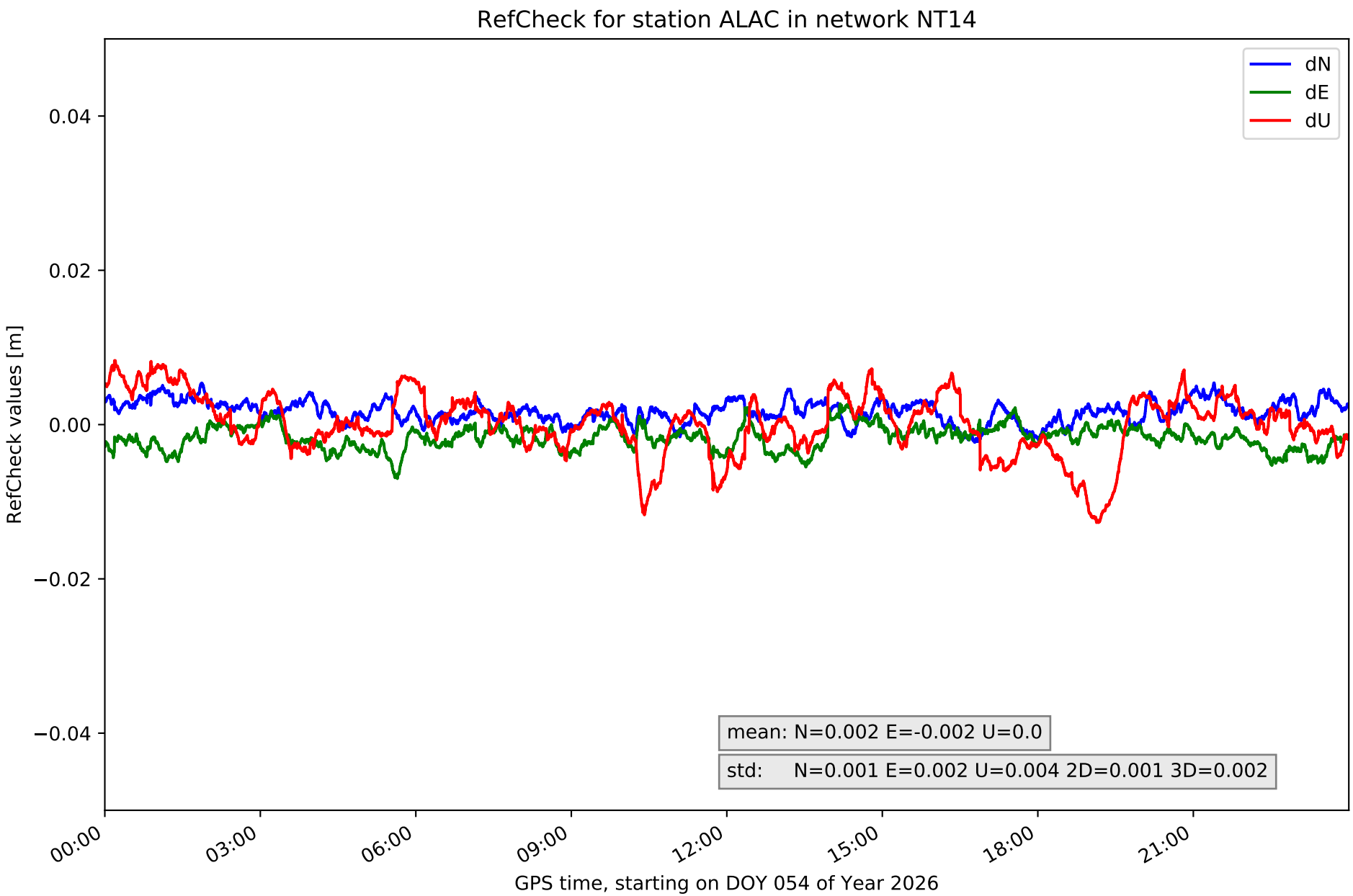

Station UTIE in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

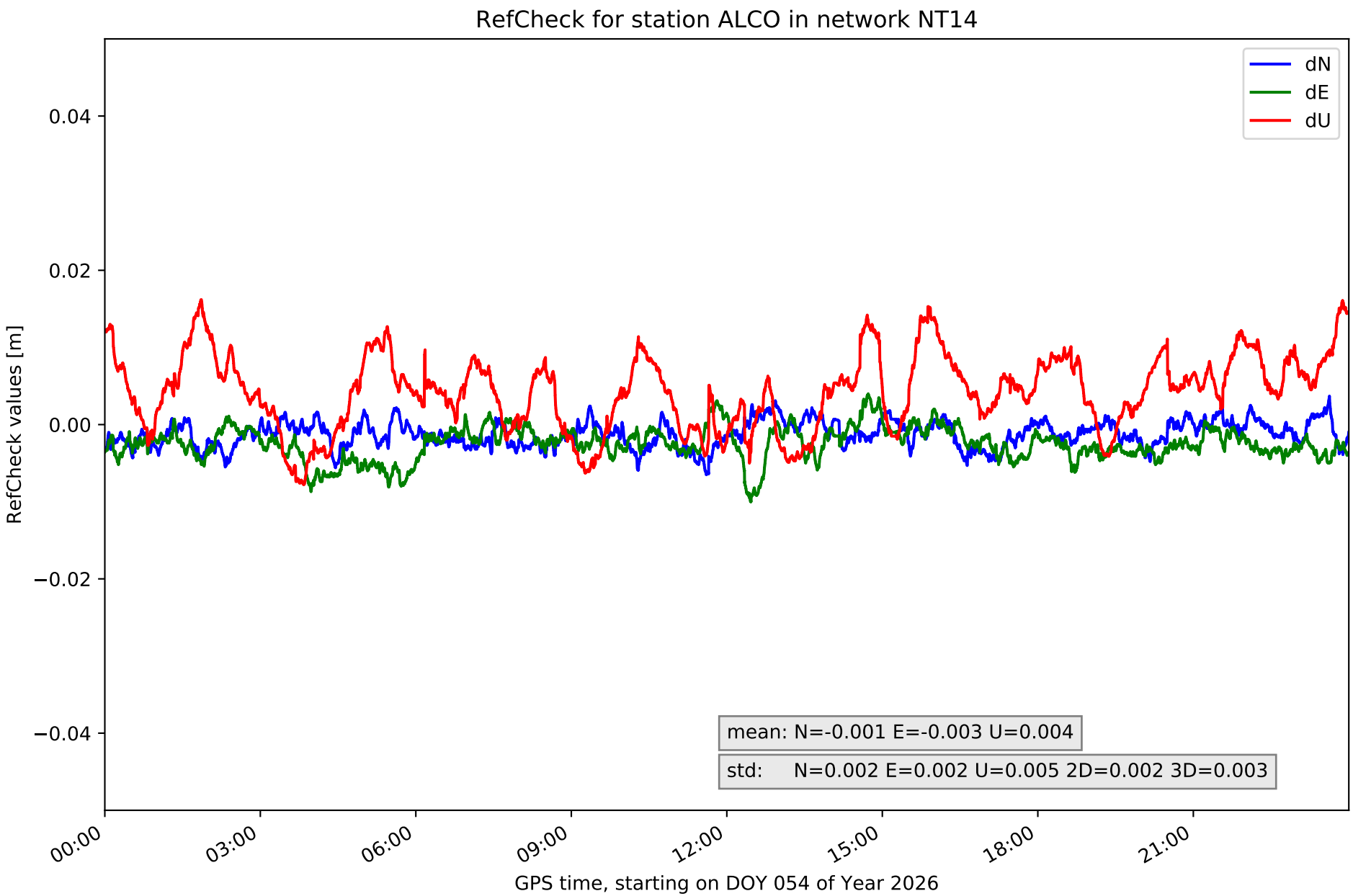

Station VALE in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

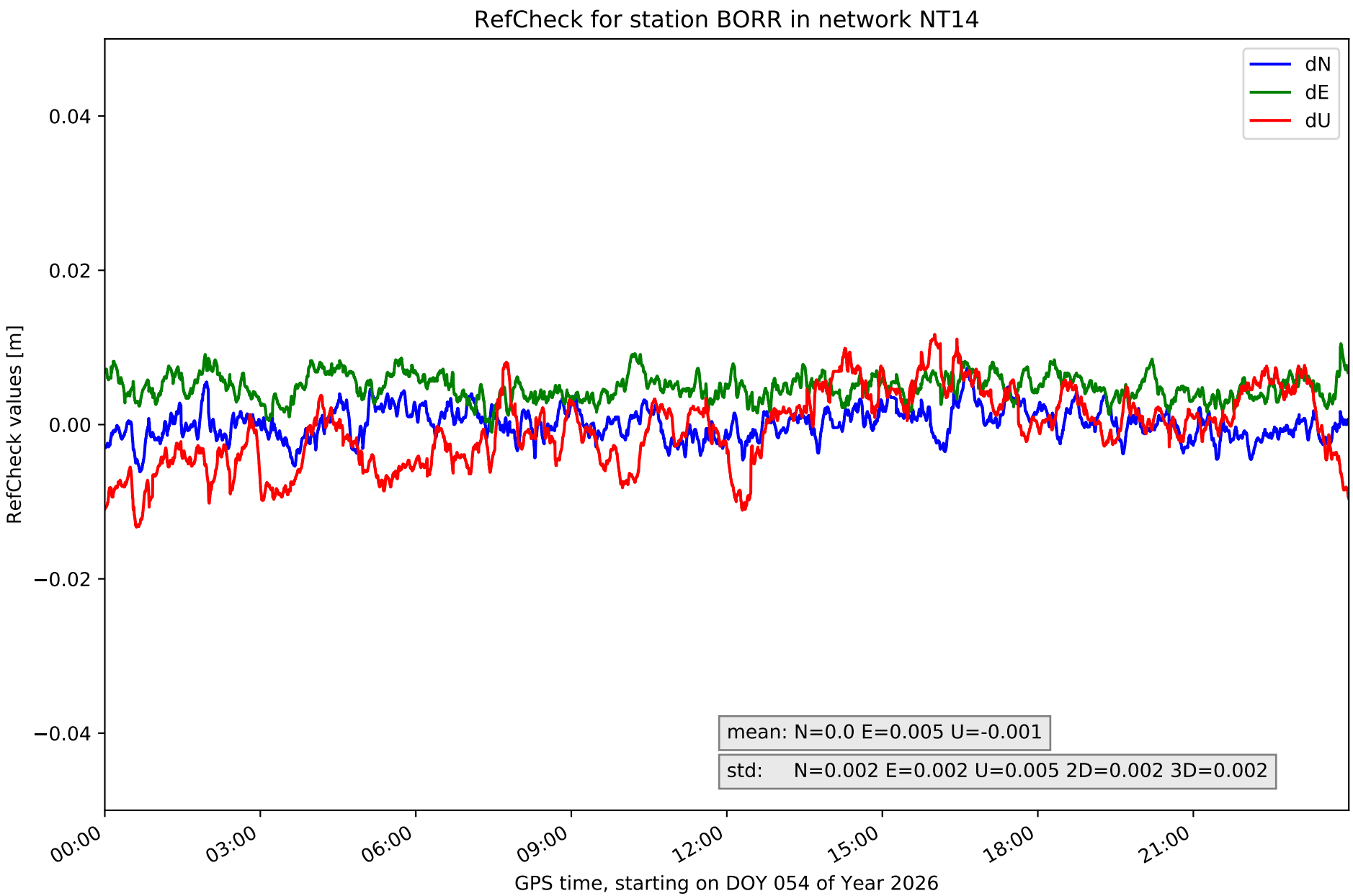

Station VJOI in network NT14
number of satellites
35
30
25
20
15
10
5
0
missing_epoch
nl_tracked
nl_fixed
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

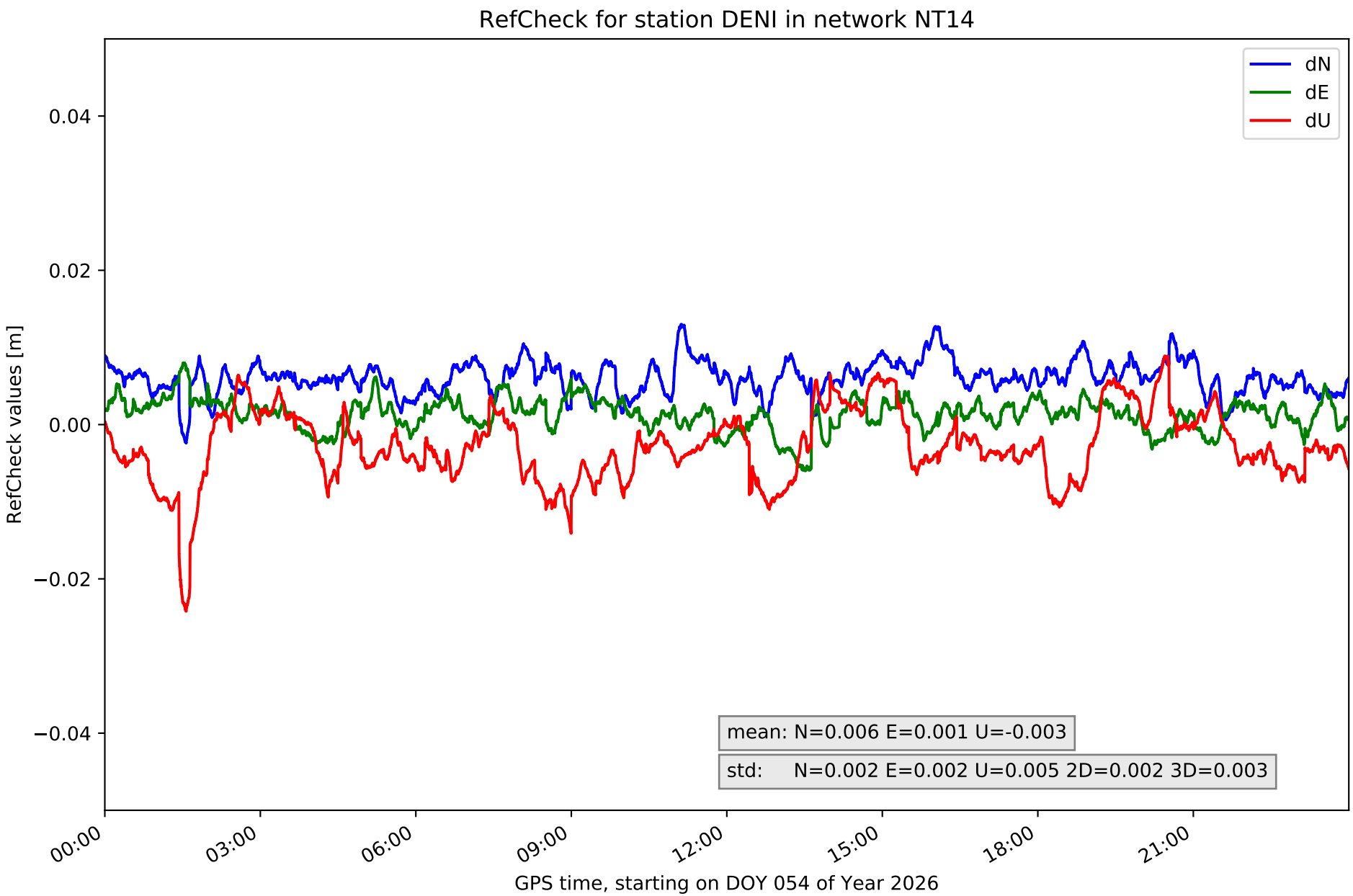

RefCheck for station ABAN in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.01 E=-0.004 U=0.006
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

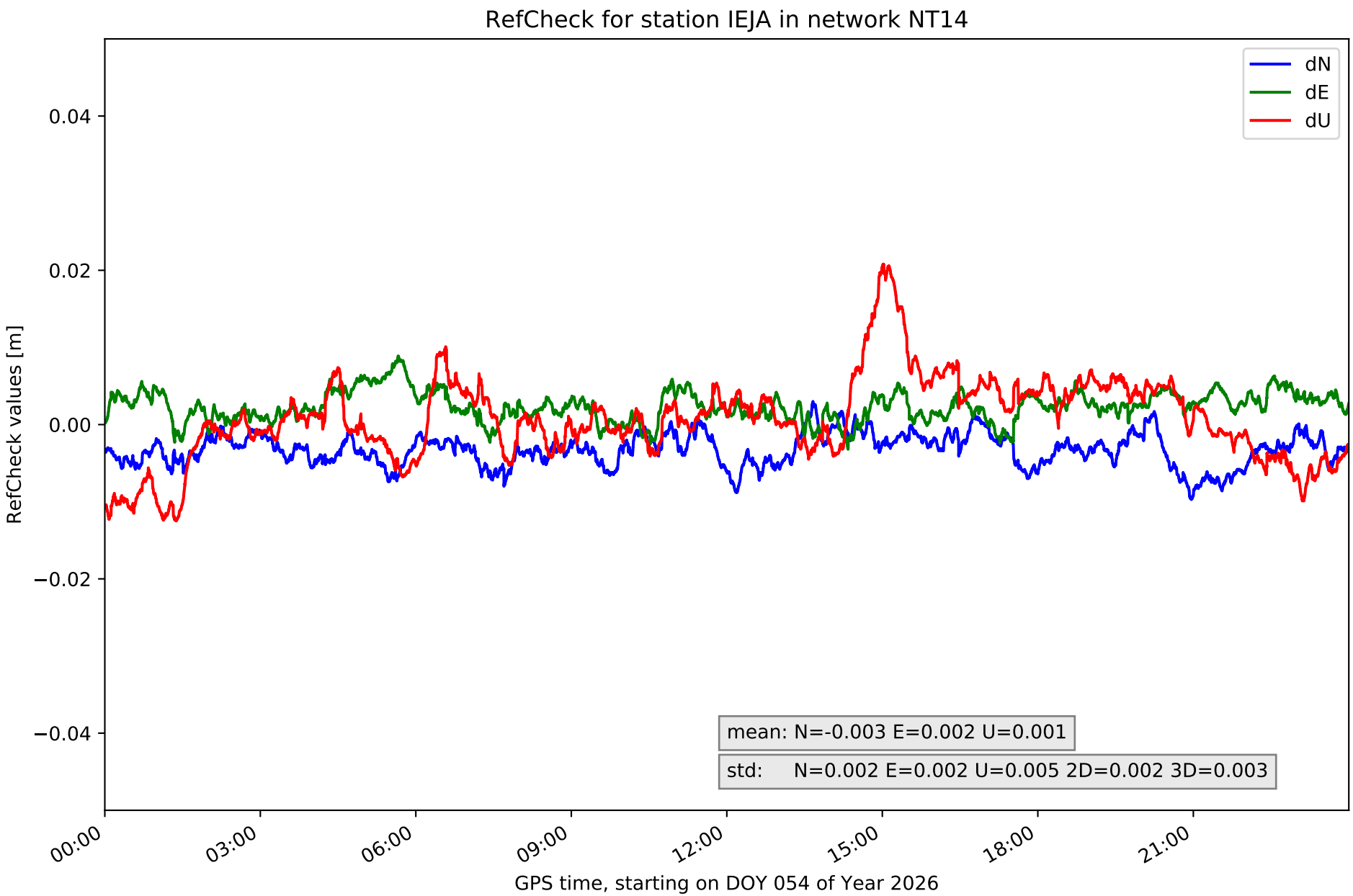

RefCheck for station AIO2 in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.0 U=-0.004
std: N=0.002 E=0.002 U=0.006 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

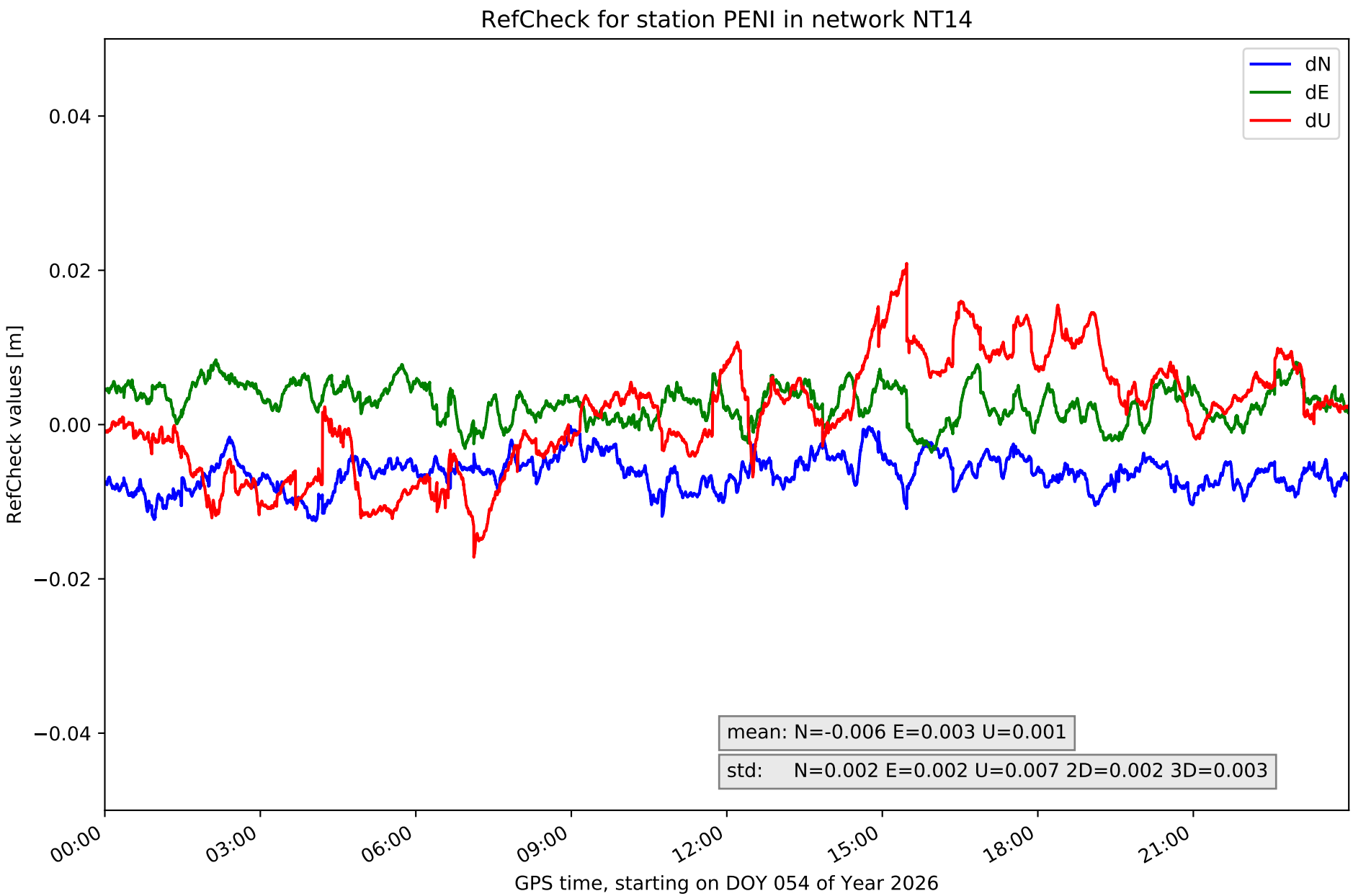

RefCheck for station ALAC in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.002 U=0.0
std: N=0.001 E=0.002 U=0.004 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

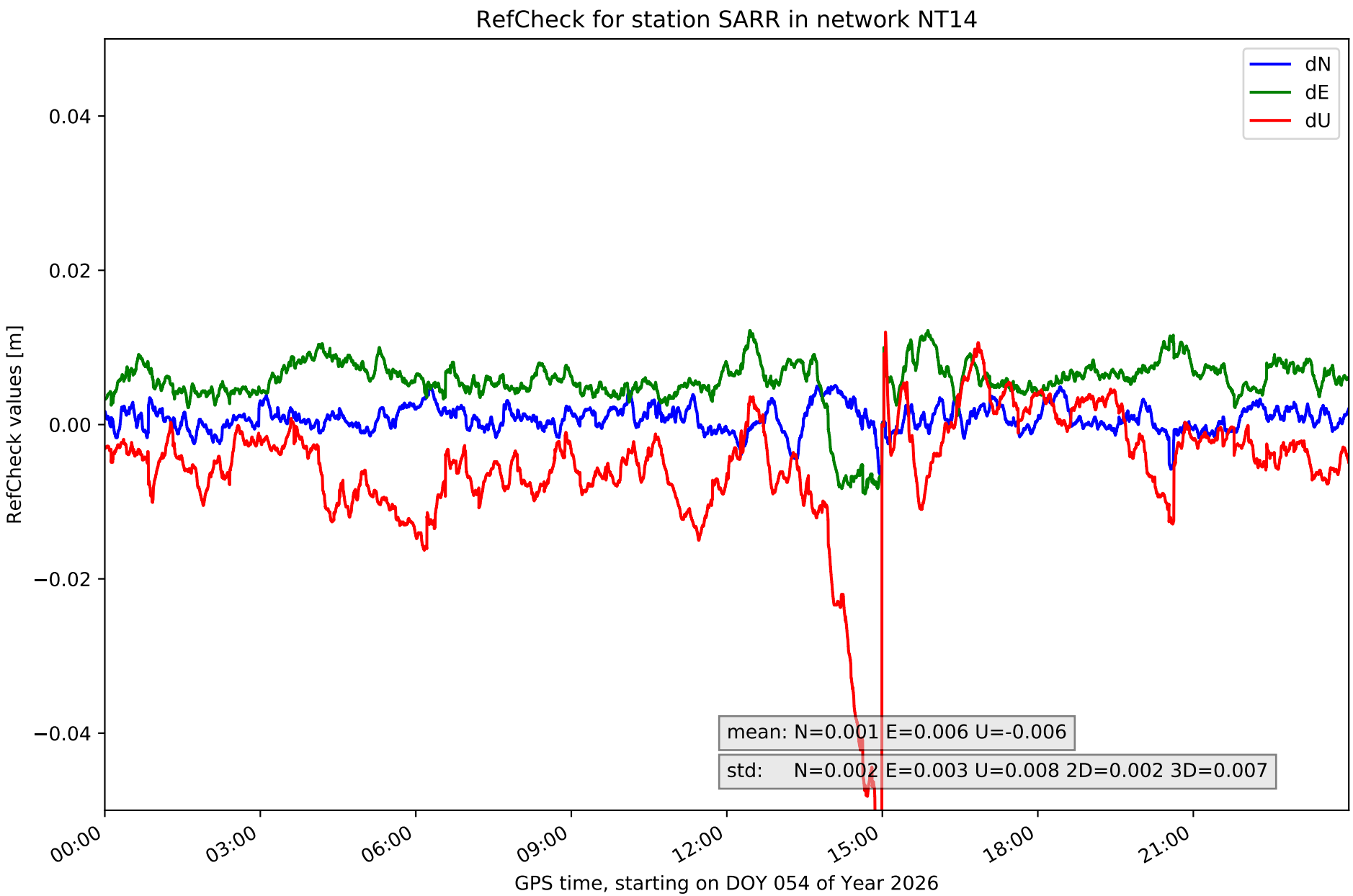

RefCheck for station ALCO in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.003 U=0.004
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

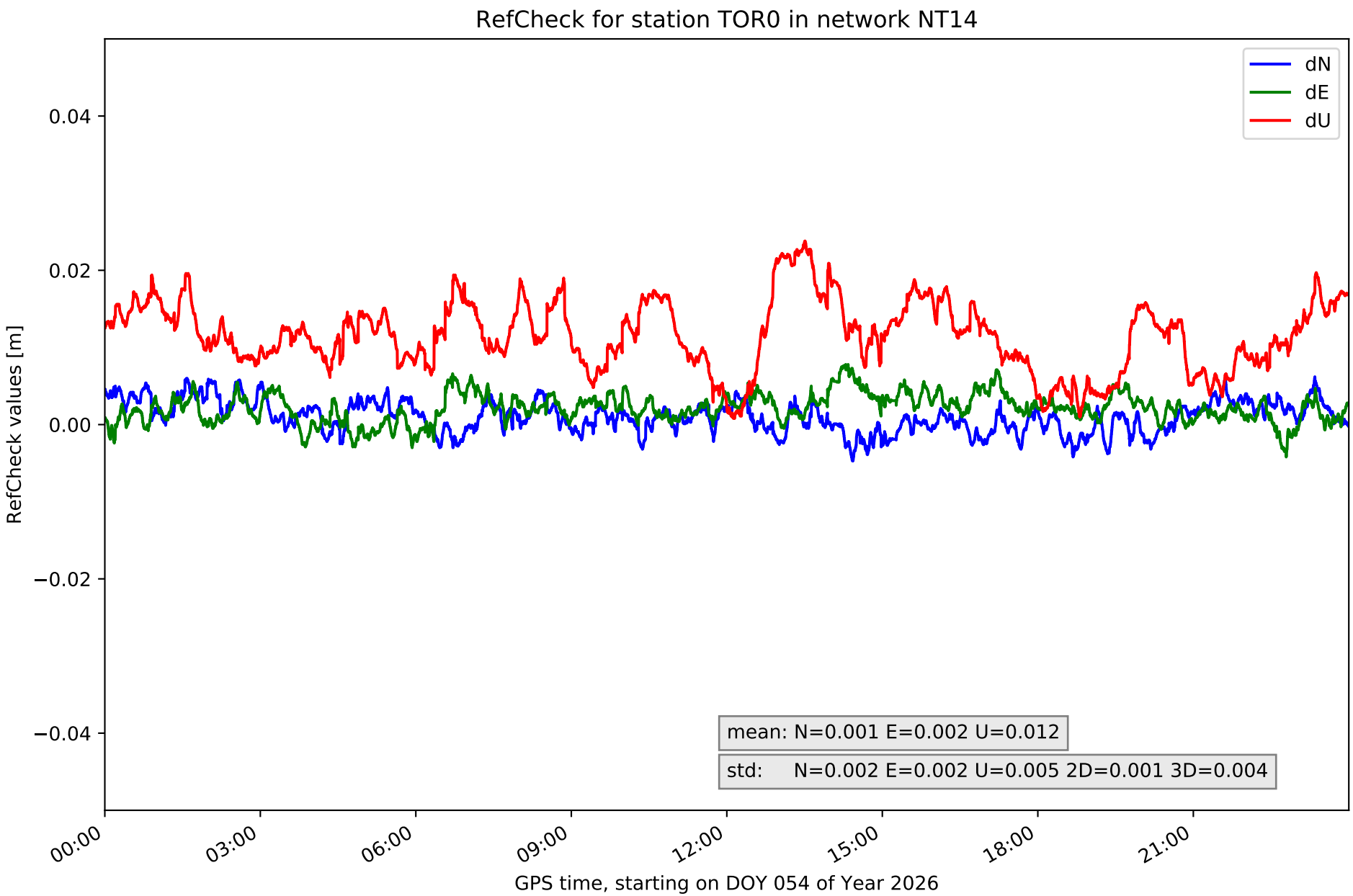

RefCheck for station BORR in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.005 U=-0.001
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

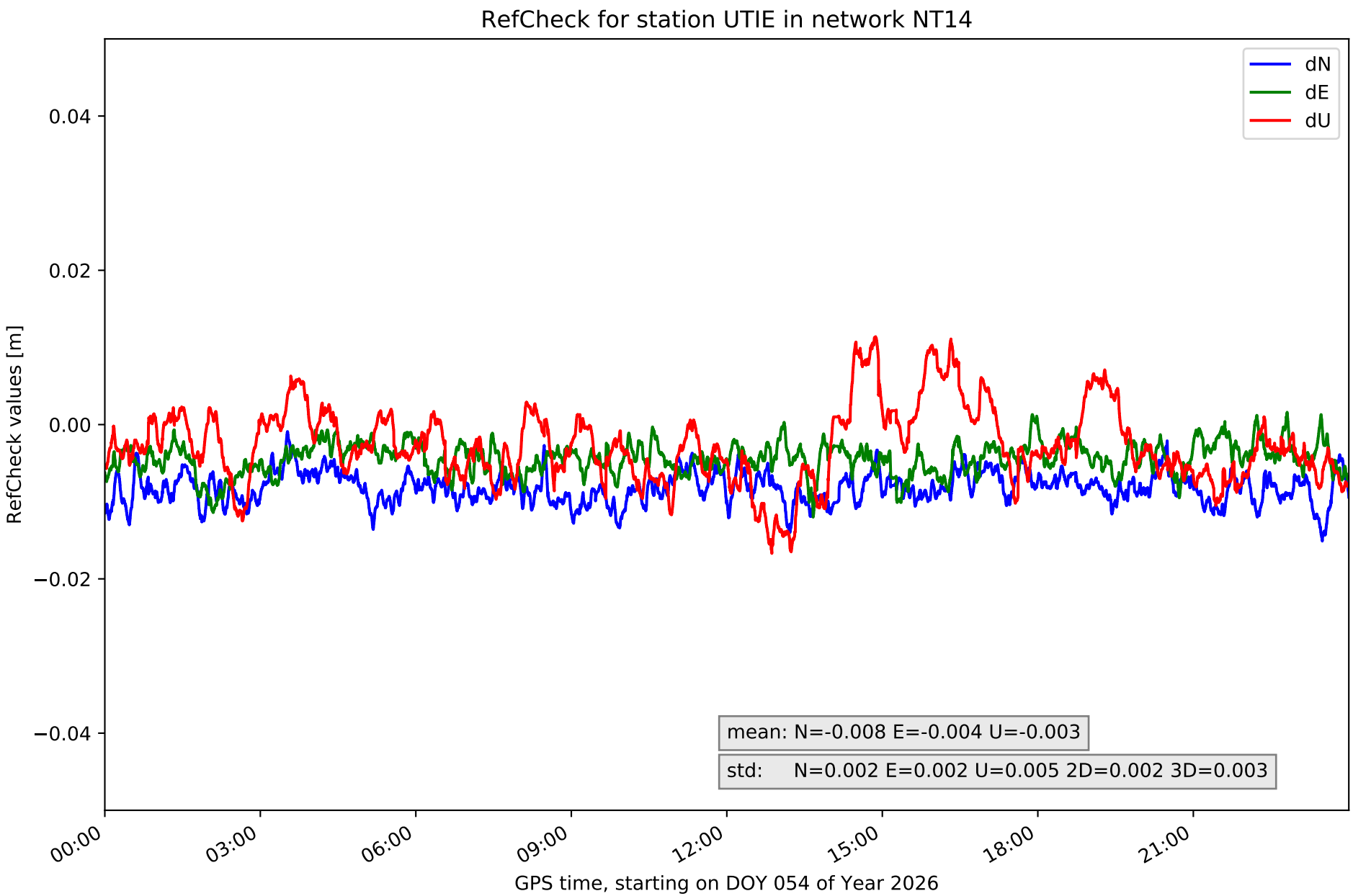

RefCheck for station DENI in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.001 U=-0.003
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

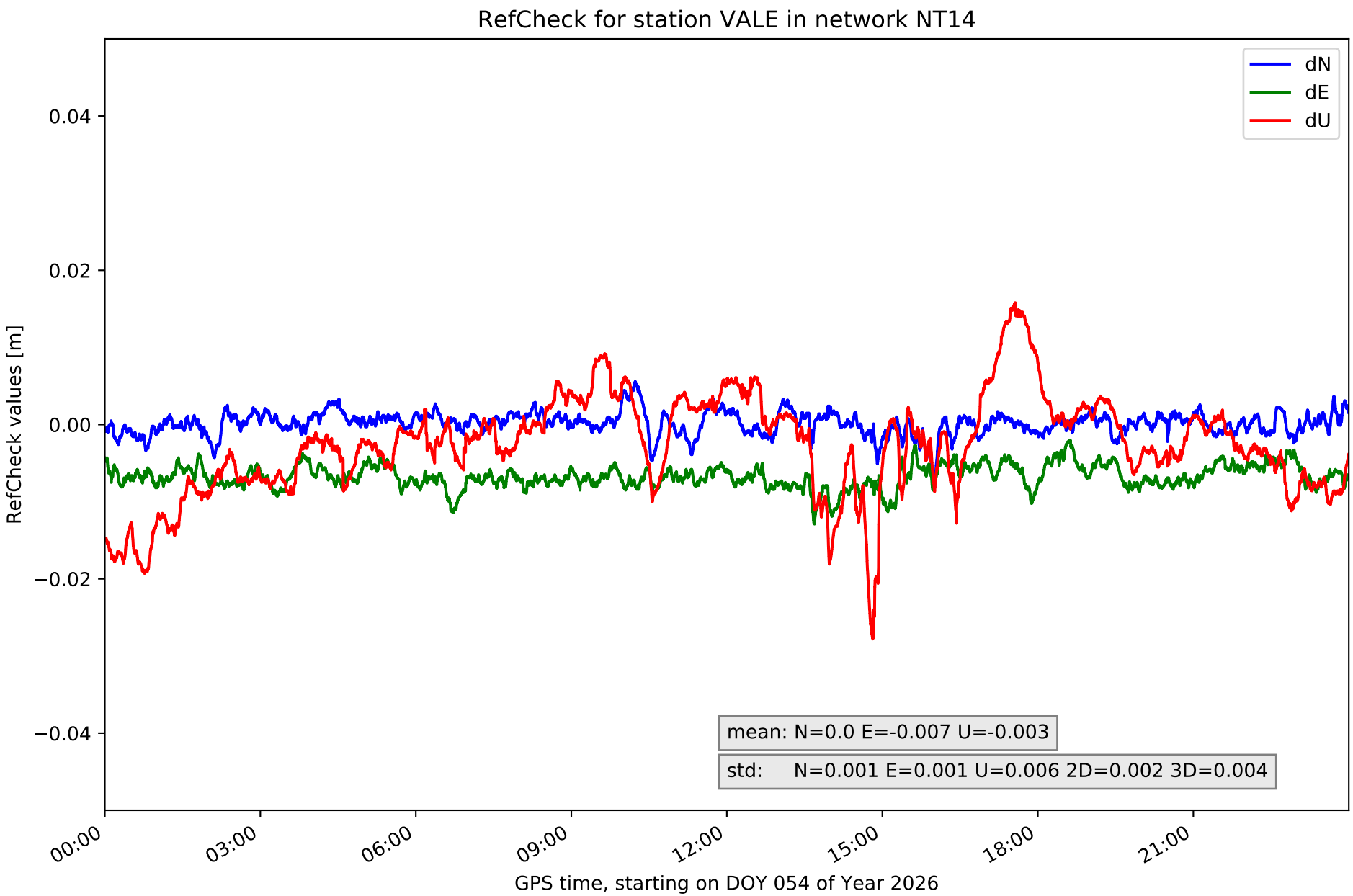

RefCheck for station IEJA in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.002 U=0.001
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026

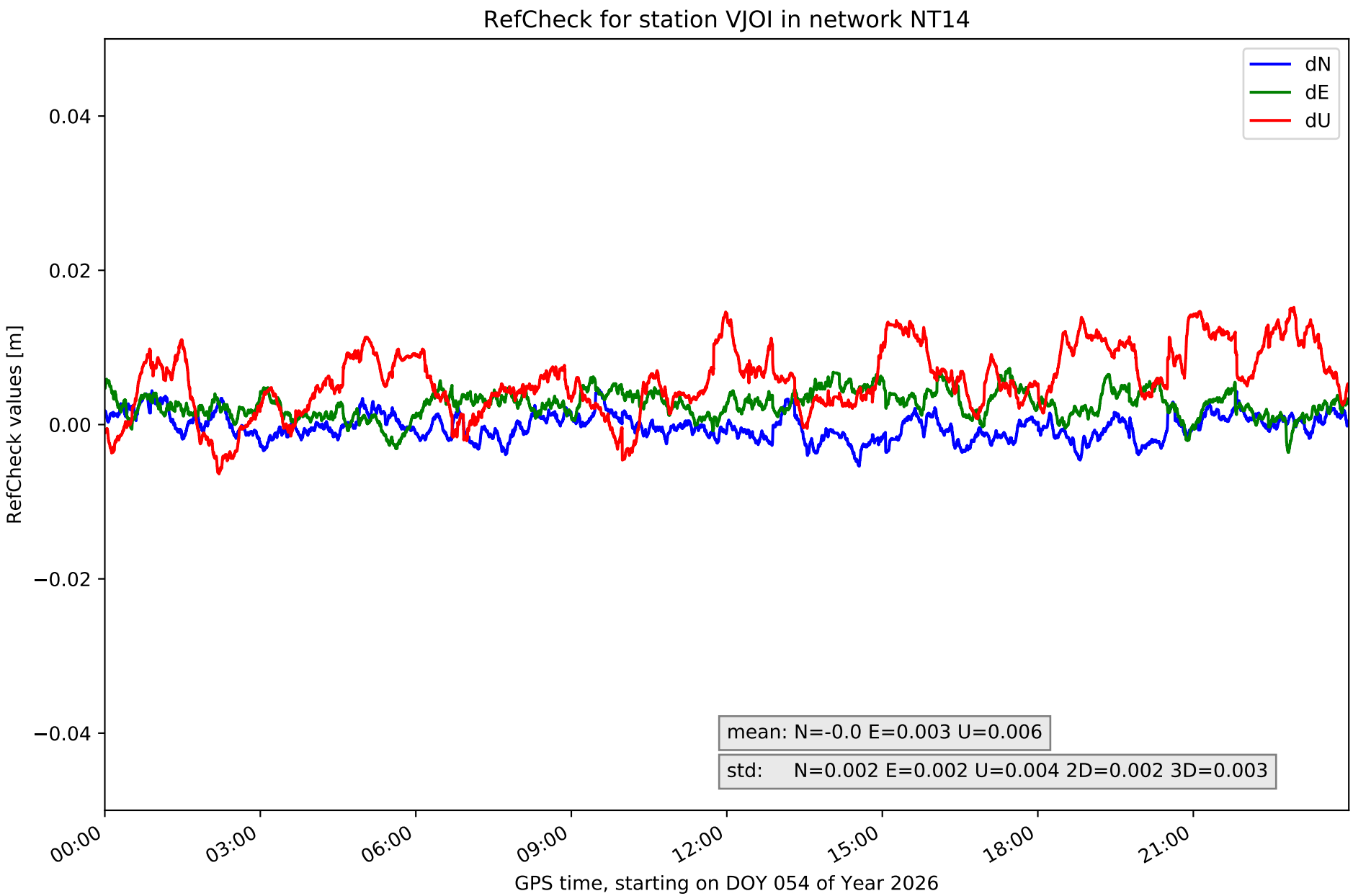

RefCheck for station PENI in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=0.003 U=0.001
std: N=0.002 E=0.002 U=0.007 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026


RefCheck for station SARR in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.006 U=-0.006
std: N=0.002 E=0.003 U=0.008 2D=0.002 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026


RefCheck for station TOR0 in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.002 U=0.012
std: N=0.002 E=0.002 U=0.005 2D=0.001 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 054 of Year 2026


RefCheck for station UTIE in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.004 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 054 of Year 2026


RefCheck for station VALE in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.007 U=-0.003
std: N=0.001 E=0.001 U=0.006 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 054 of Year 2026


RefCheck for station VJOI in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.003 U=0.006
std: N=0.002 E=0.002 U=0.004 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 054 of Year 2026

RefCheck values for network NT14

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ABAN	0.005	**0.014**	**0.002**	-0.009	0.001	0.002	-0.003	0.018	0.004	**0.002**	0.003	**58922**	**70.4**	506	0.6
AIO2	-0.012	0.005	**0.002**	-0.006	0.005	0.002	-0.022	0.01	0.006	**0.002**	0.004	676	0.8	701	0.8
ALAC	-0.002	0.005	0.001	-0.007	0.003	0.002	-0.013	0.008	0.004	0.001	0.002	0	0.0	0	0.0
ALCO	-0.006	0.004	**0.002**	-0.01	0.004	0.002	-0.008	0.016	0.005	**0.002**	0.003	39	0.0	0	0.0
BORR	-0.006	0.007	**0.002**	-0.001	0.011	0.002	-0.013	0.012	0.005	**0.002**	0.002	471	0.6	0	0.0
DENI	-0.002	0.013	**0.002**	-0.006	0.008	0.002	-0.024	0.009	0.005	**0.002**	0.003	3552	4.2	647	0.8
IEJA	-0.01	0.003	**0.002**	-0.003	0.009	0.002	-0.013	0.021	0.005	**0.002**	0.003	636	0.8	599	0.7
PENI	-0.013	-0.0	**0.002**	-0.004	0.008	0.002	-0.017	0.021	0.007	**0.002**	0.003	9108	10.9	485	0.6
SARR	-0.006	0.005	**0.002**	-0.009	**0.012**	**0.003**	**-0.06**	0.012	**0.008**	**0.002**	**0.007**	3657	4.4	3308	4.0
TOR0	-0.005	0.006	**0.002**	-0.004	0.008	0.002	0.001	**0.024**	0.005	0.001	0.004	0	0.0	**3535**	**4.2**
UTIE	**-0.015**	-0.001	**0.002**	-0.012	0.002	0.002	-0.017	0.011	0.005	**0.002**	0.003	33930	40.5	238	0.3
VALE	-0.008	0.006	0.001	**-0.013**	-0.002	0.001	-0.028	0.016	0.006	**0.002**	0.004	2692	3.2	1357	1.6
VJOI	-0.005	0.004	**0.002**	-0.004	0.007	0.002	-0.006	0.015	0.004	**0.002**	0.003	0	0.0	0	0.0
Mean	**-0.007**	**0.005**	**0.002**	**-0.007**	**0.006**	**0.002**	**-0.017**	**0.015**	**0.005**	**0.002**	**0.003**	**8744.8**	**10.4**	**875.1**	**1.0**
Min/Max	**-0.015**	**0.014**	**0.002**	**-0.013**	**0.012**	**0.003**	**-0.06**	**0.024**	**0.008**	**0.002**	**0.007**	**58922**	**70.4**	**3535**	**4.2**

fixing statistic for network NT14

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	94.4	95.0	95.0	95.3	92.7
considering satellites with dual-frequency fixed	93.0	93.6	93.5	93.8	91.1
considering all signals separately	93.0	93.6	93.5	93.9	90.8