summary for network NT14

timeperiod chosen: from 2026-02-19-00:00:00 until 2026-02-19-23:59:59

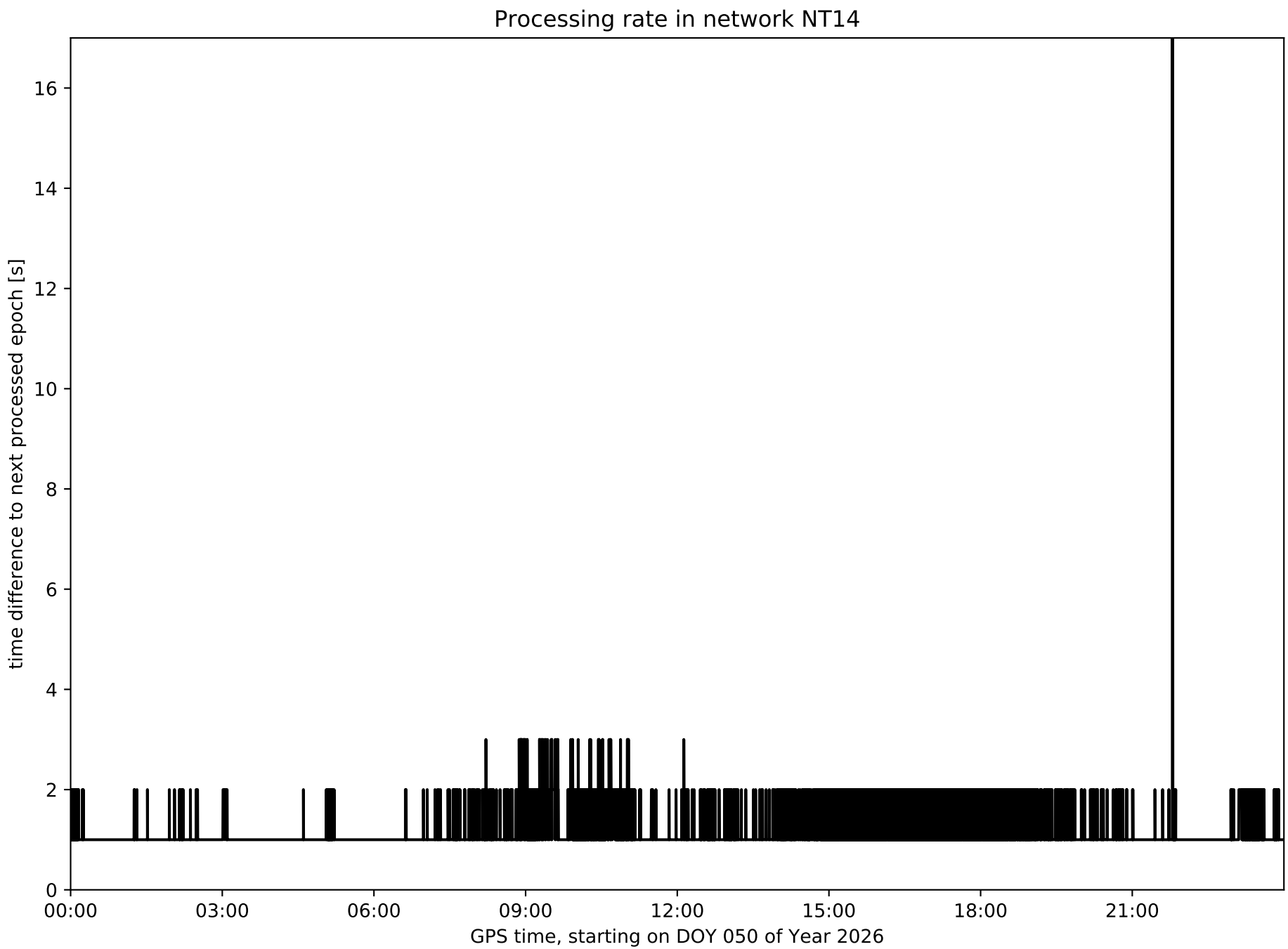
average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

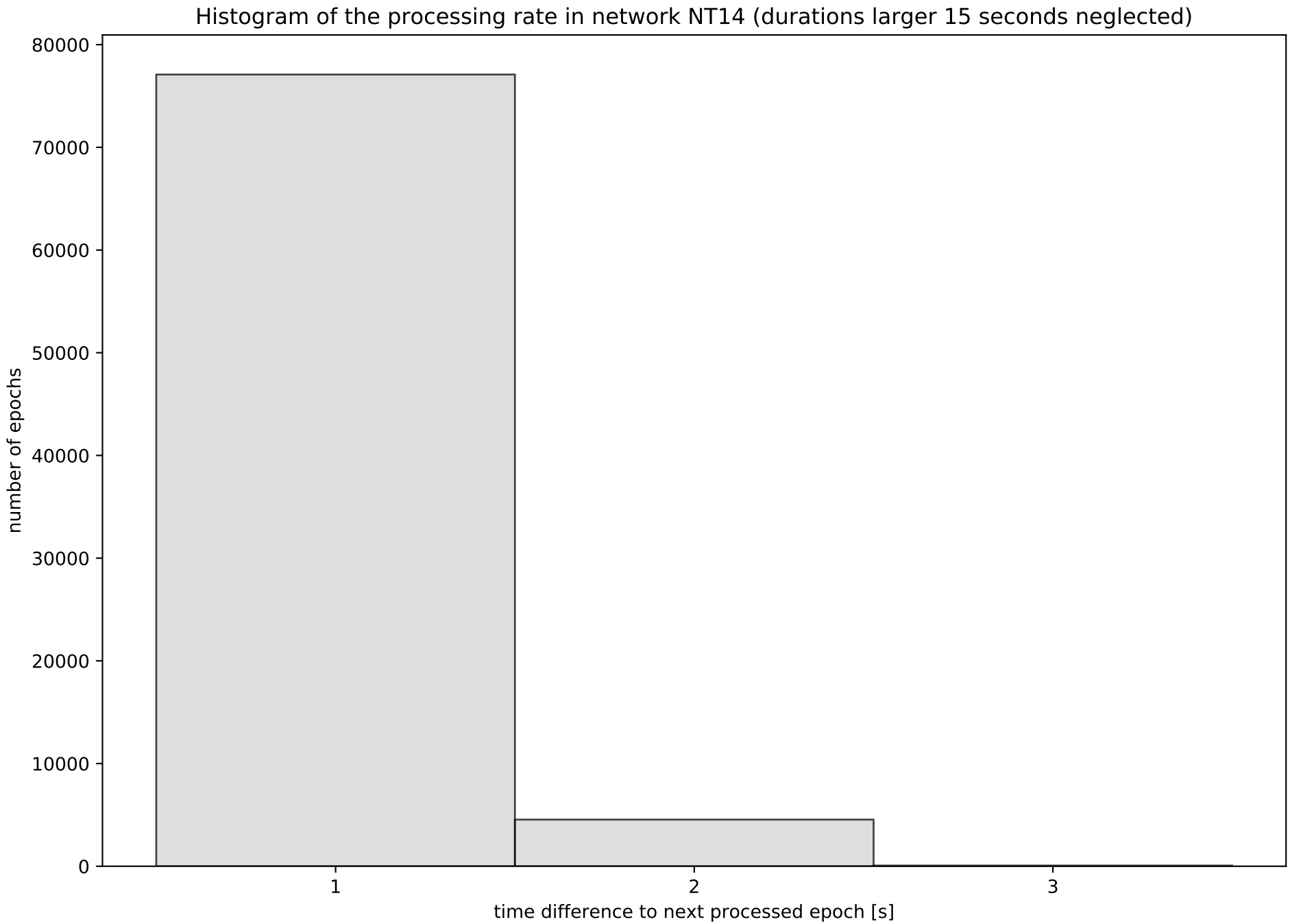
average fixing percentage with threshold set to 0.3: 91.7 percent

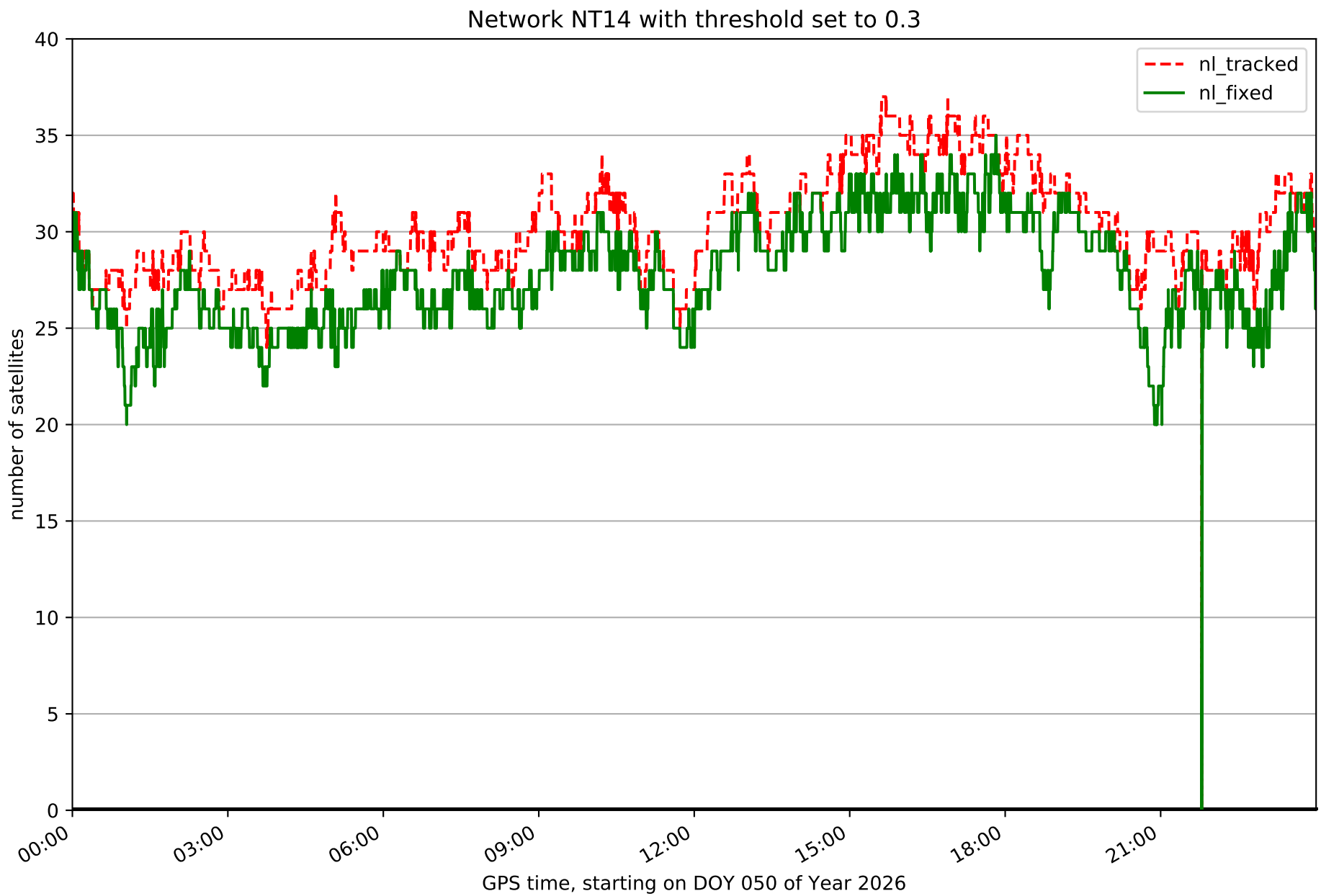
stations available: 13 of 13

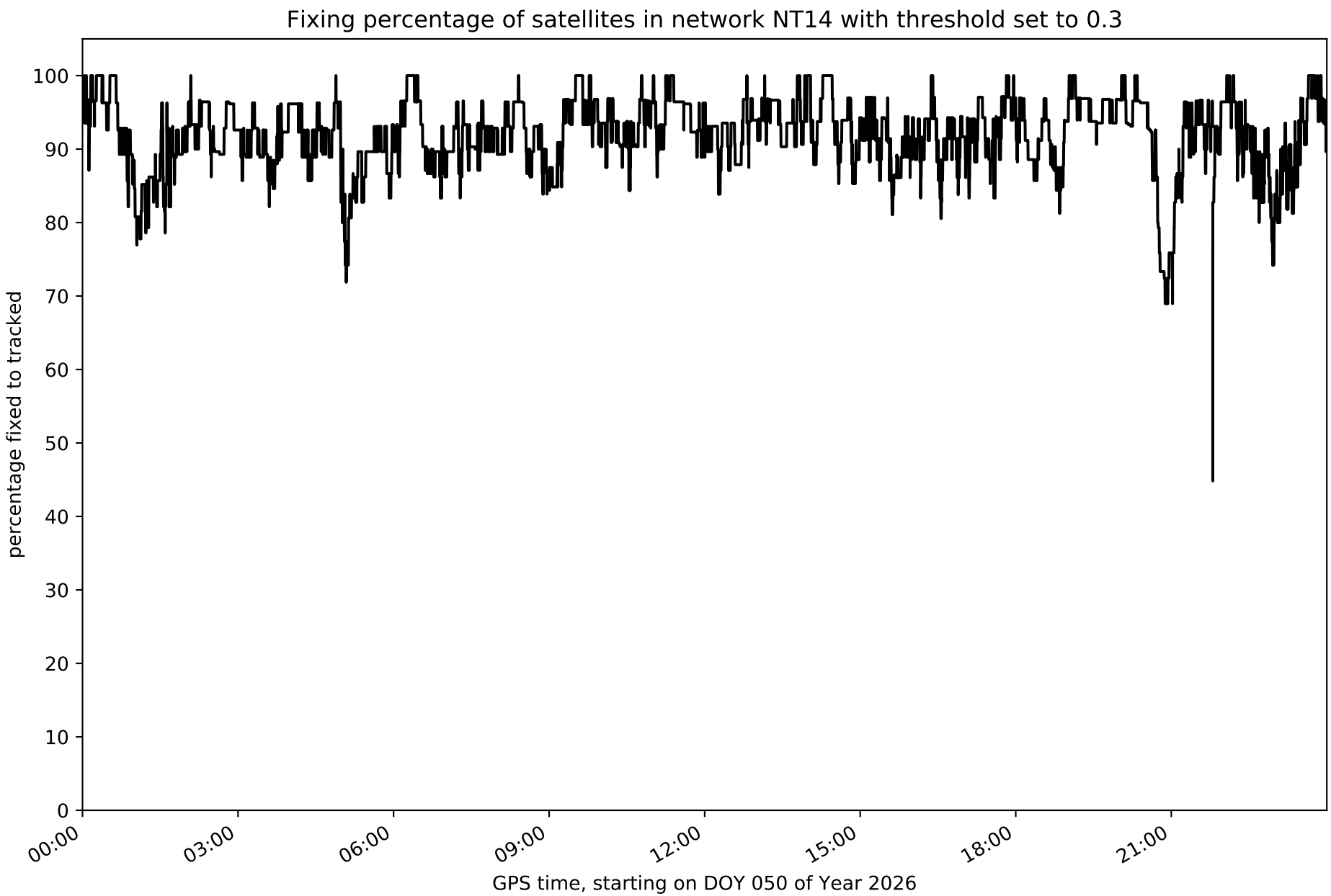
station information:

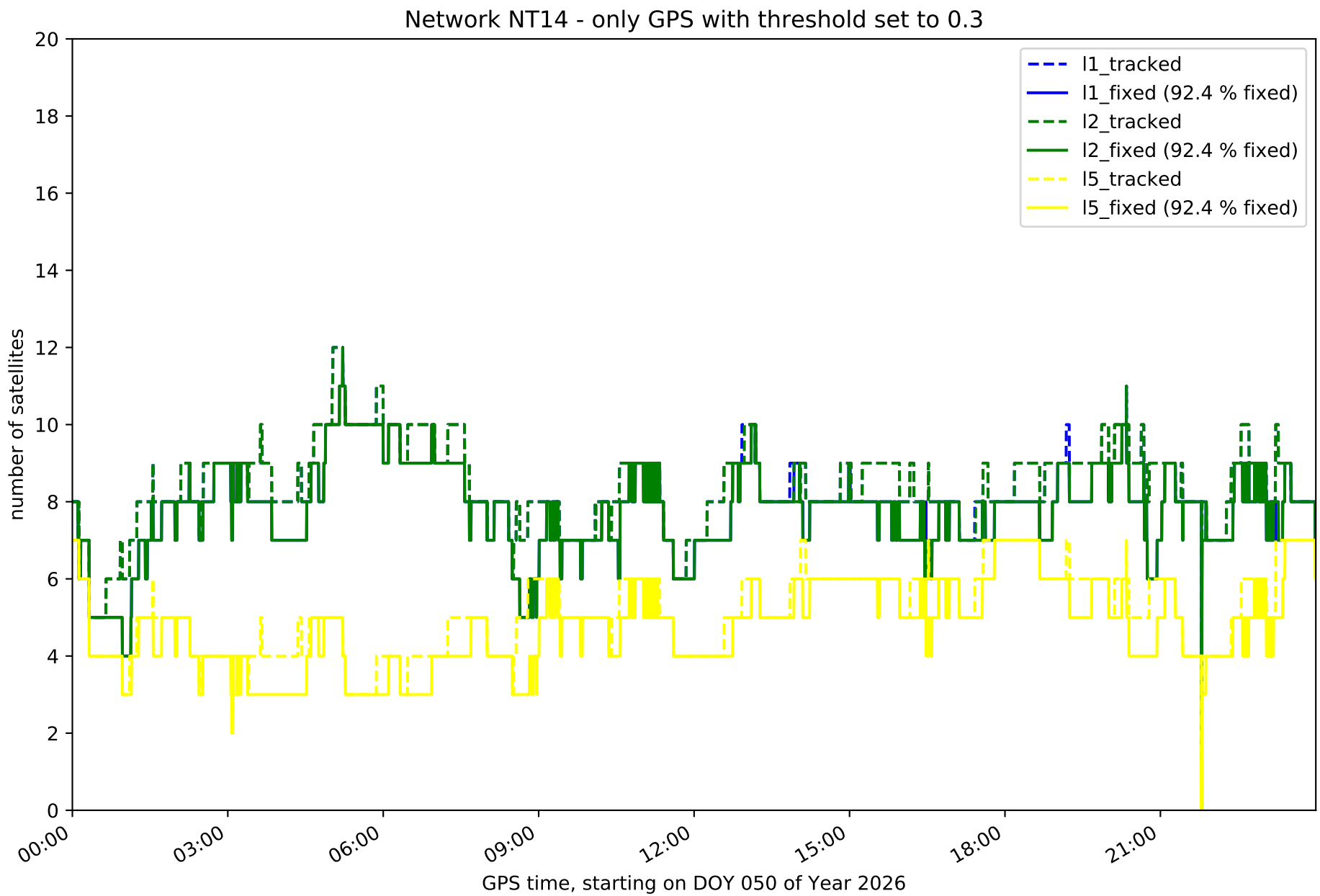
station ABAN:	antenna: LEIAR25 LEIT	receiver: LEICA GR30	height: 207.768
station AIO2:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 662.859
station ALAC:	antenna: LEIAR25.R3 LEIT	receiver: LEICA GR50	height: 63.367
station ALCO:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 640.121
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

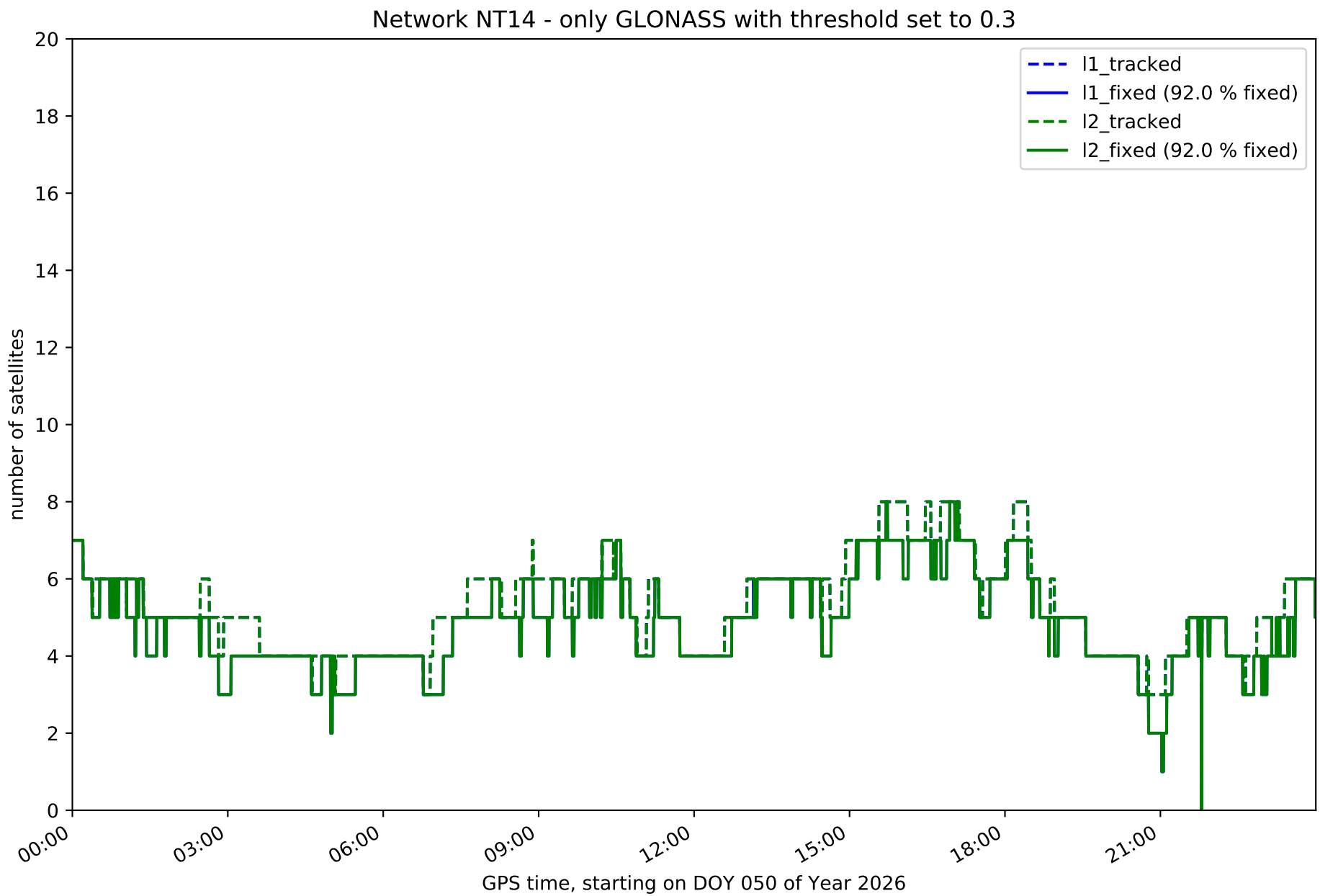

Processing rate in network NT14
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

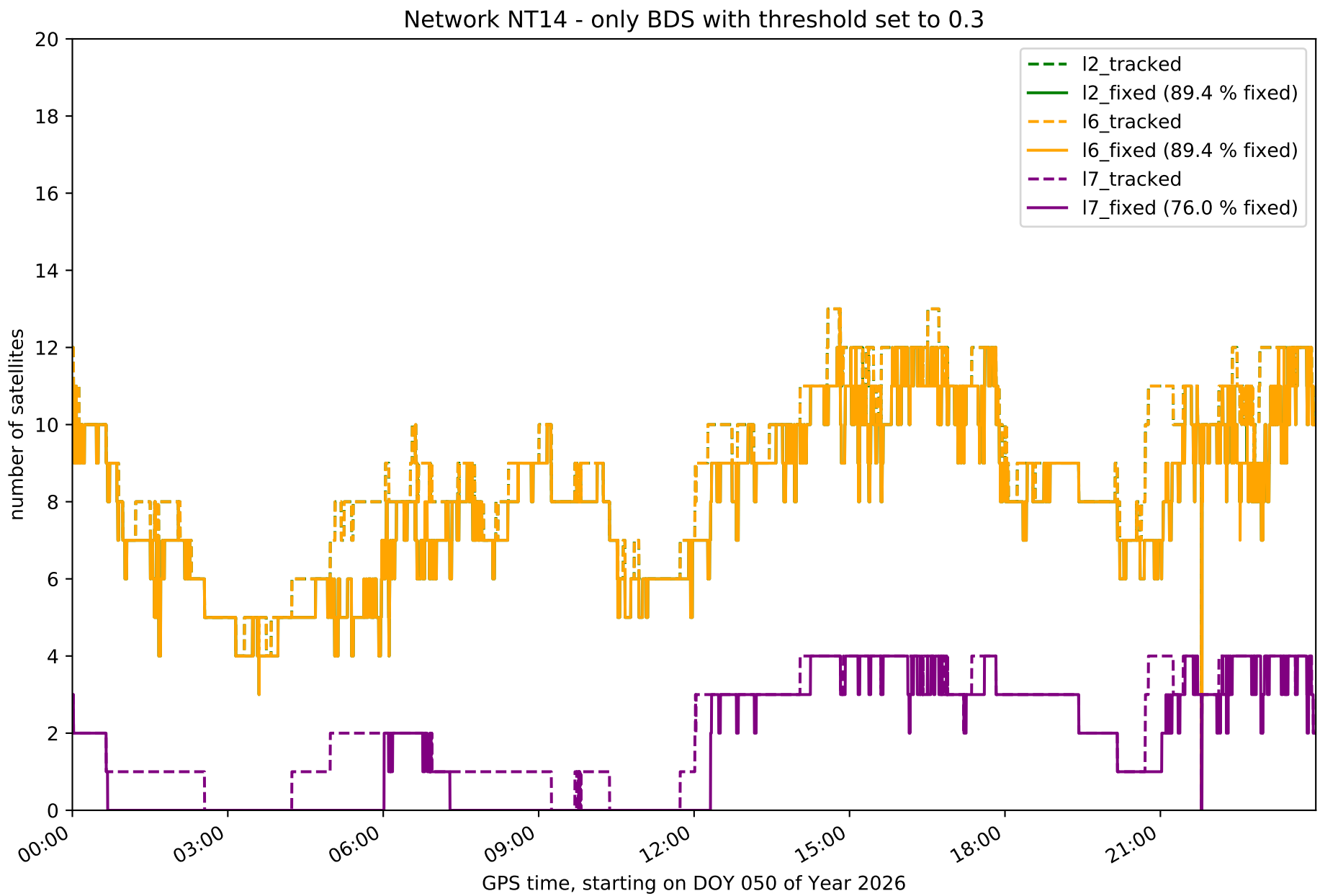

Histogram of the processing rate in network NT14 (durations larger 15 seconds neglected)
80000
70000
60000
50000
40000
30000
20000
10000
0
number of epochs
1
2
3
time difference to next processed epoch [s]

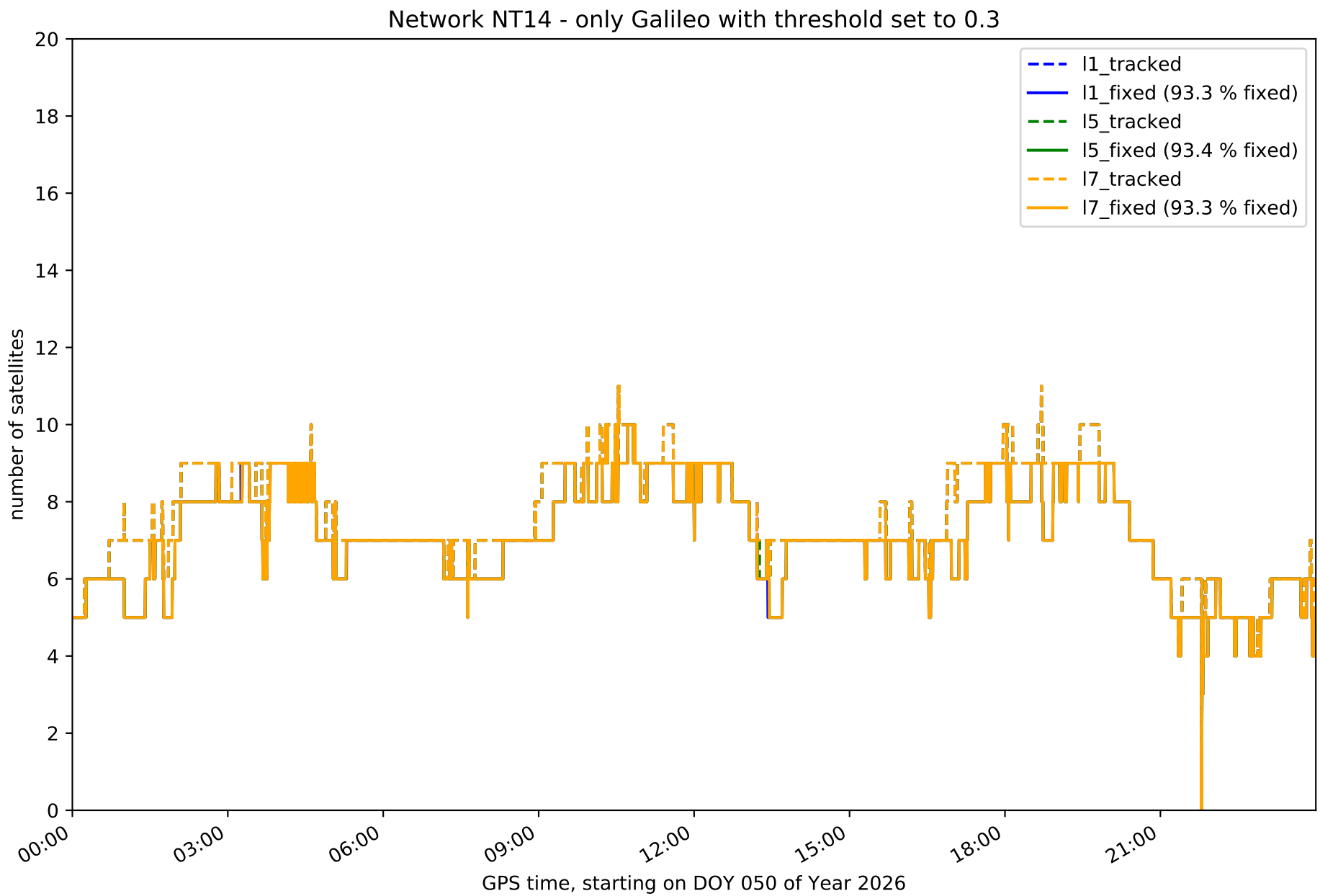

Network NT14 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

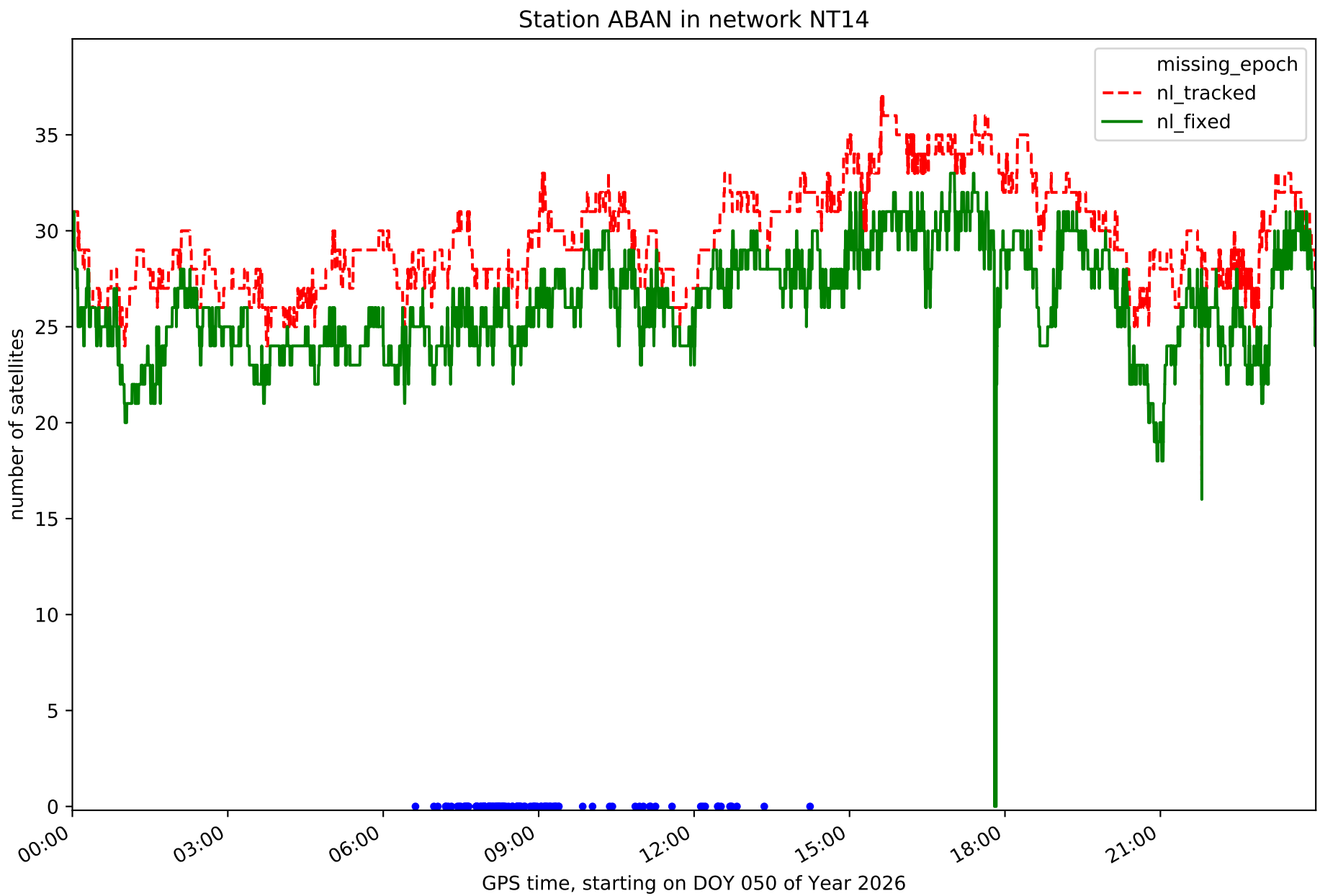

Fixing percentage of satellites in network NT14 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

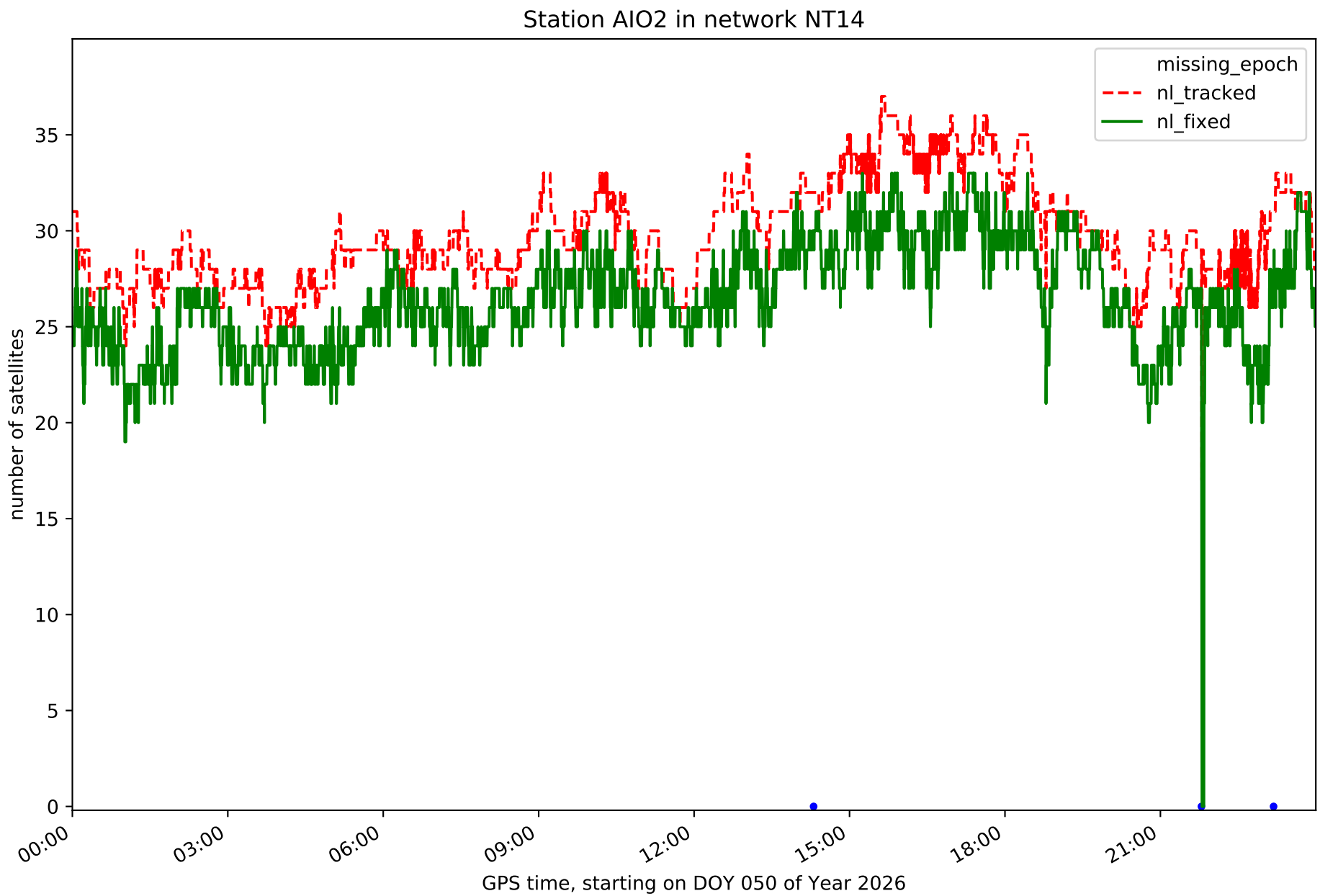

Network NT14 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (92.4 % fixed)
l2_tracked
l2_fixed (92.4 % fixed)
l5_tracked
l5_fixed (92.4 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

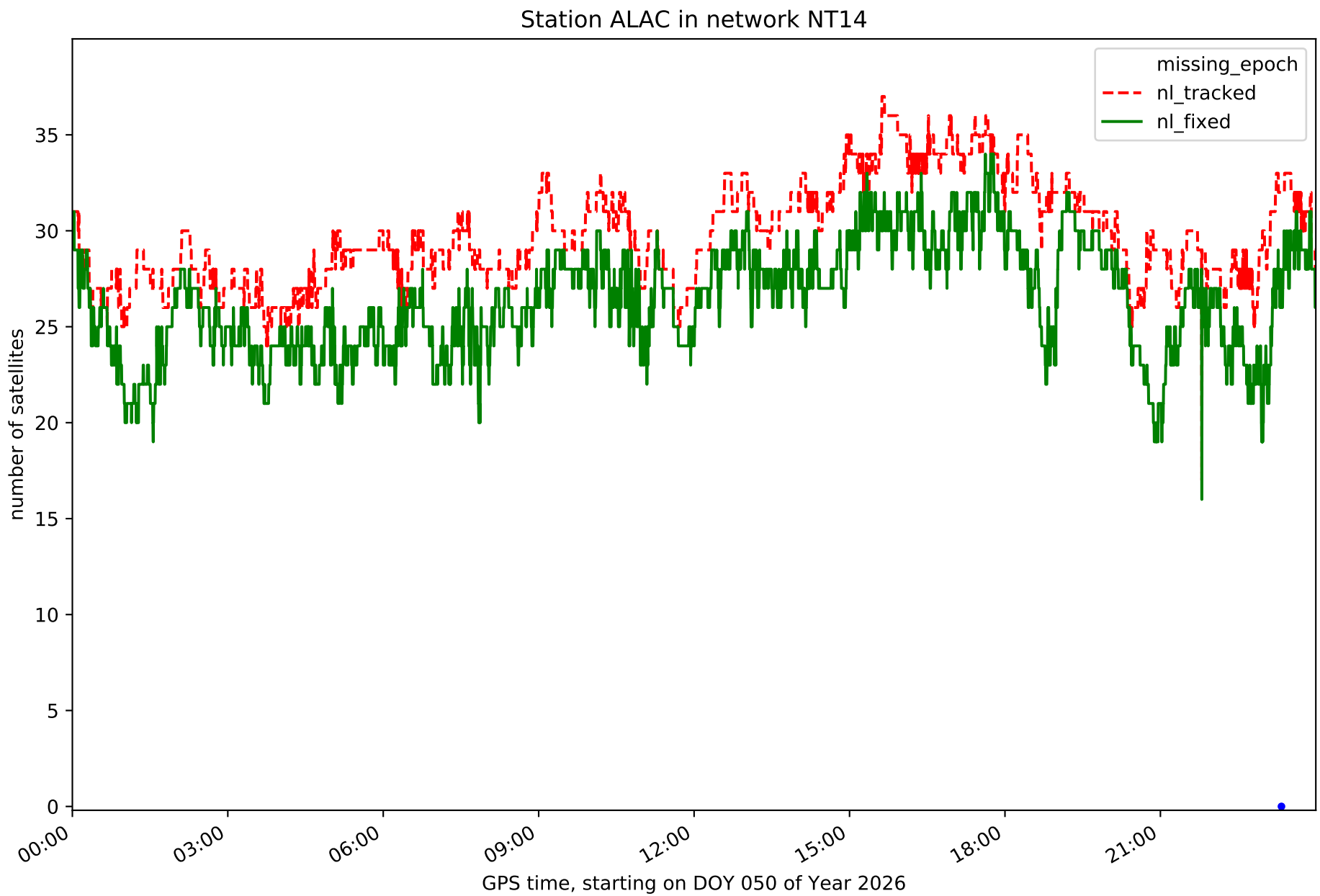

Network NT14 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (92.0 % fixed)
l2_tracked
l2_fixed (92.0 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

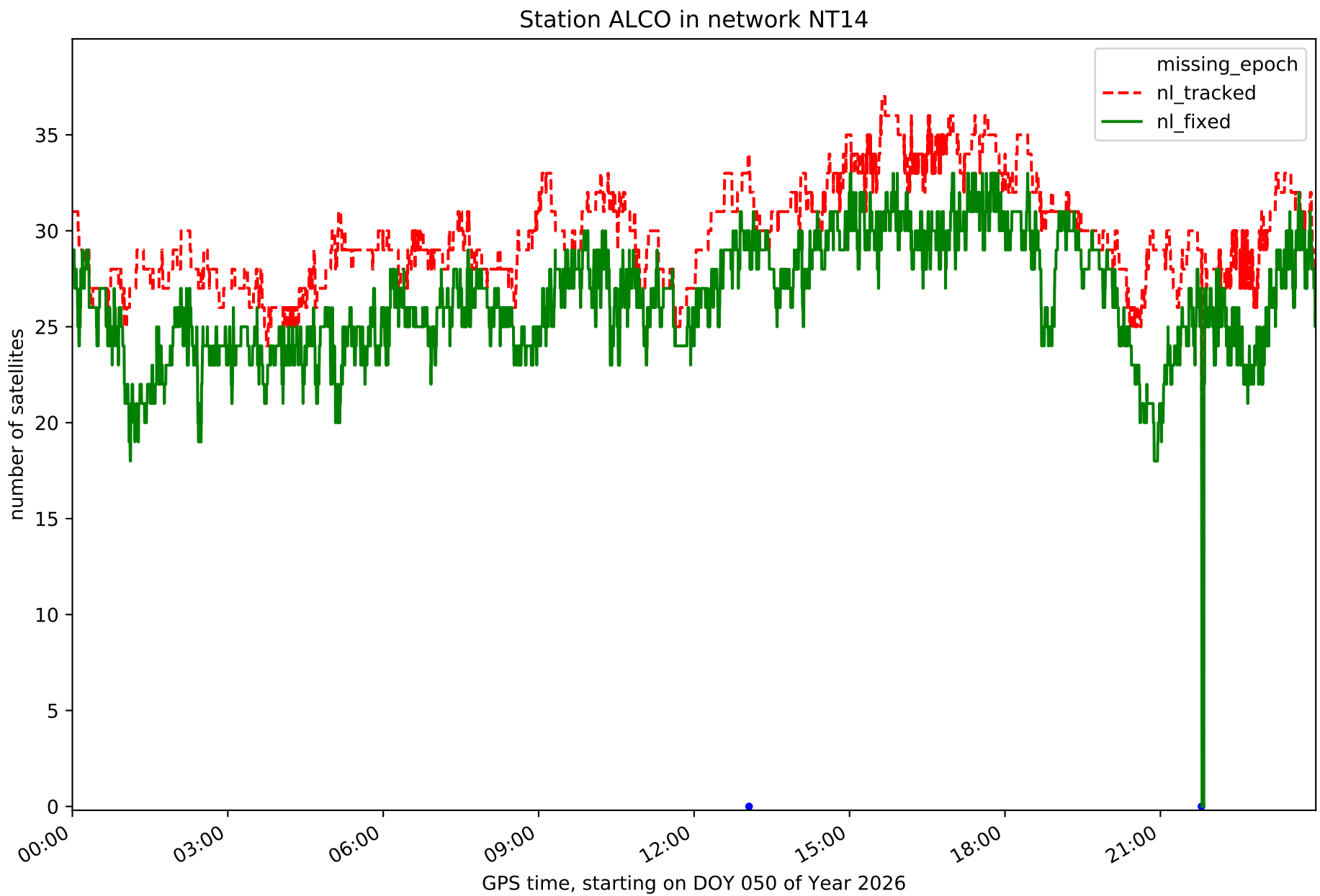

Network NT14 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (89.4 % fixed)
l6_tracked
l6_fixed (89.4 % fixed)
l7_tracked
l7_fixed (76.0 % fixed)

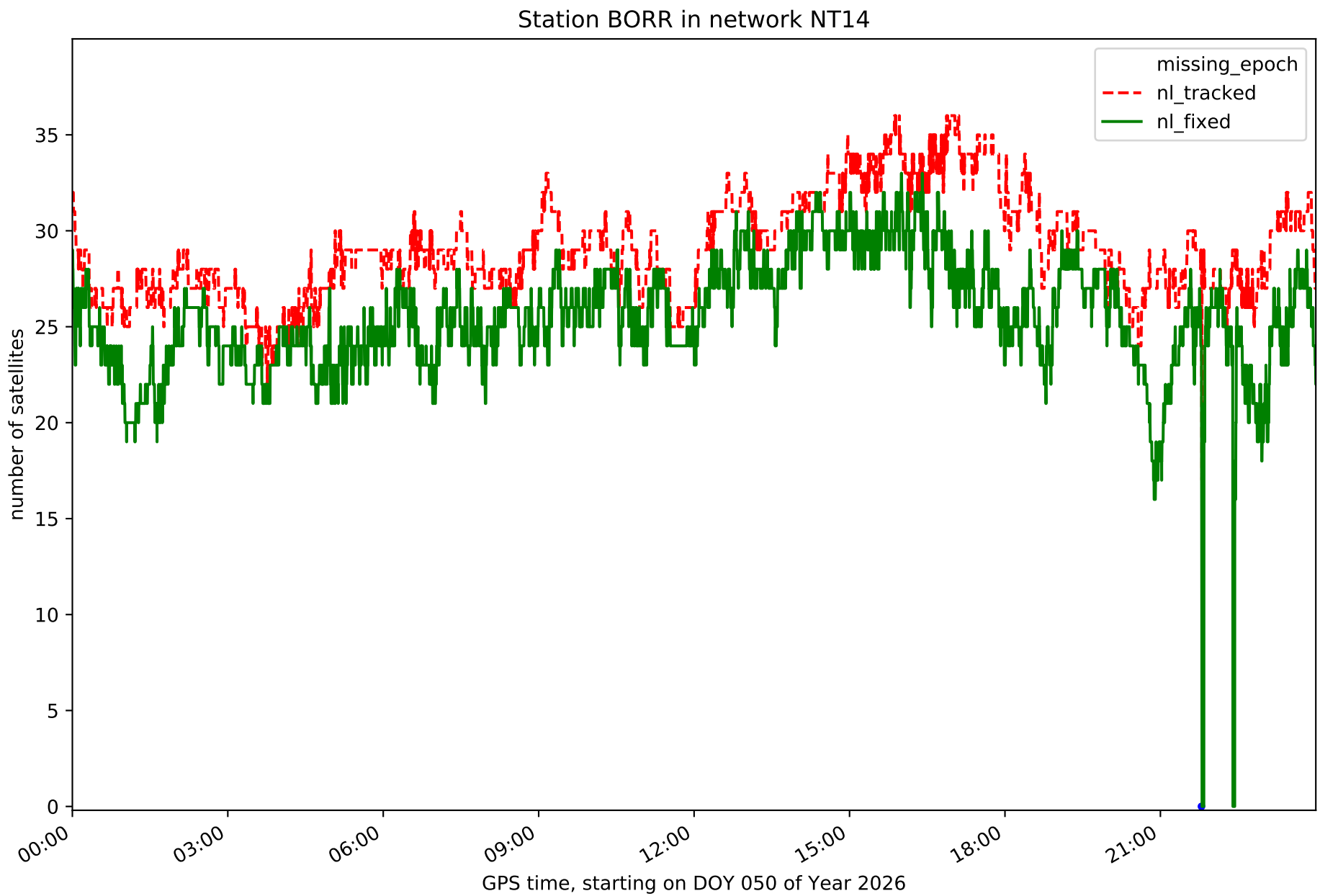

Network NT14 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (93.3 % fixed)
l5_tracked
l5_fixed (93.4 % fixed)
l7_tracked
l7_fixed (93.3 % fixed)

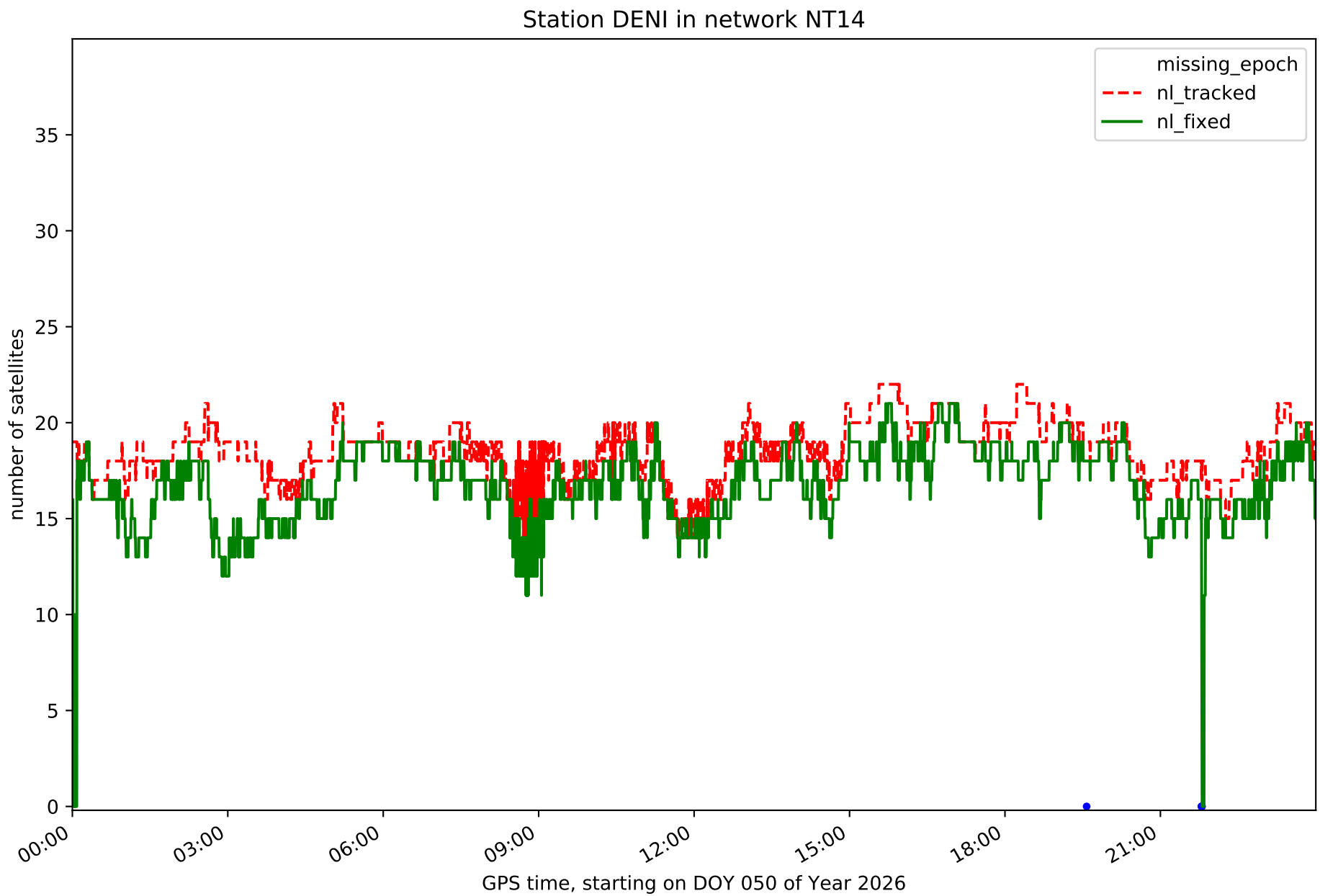

Station ABAN in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

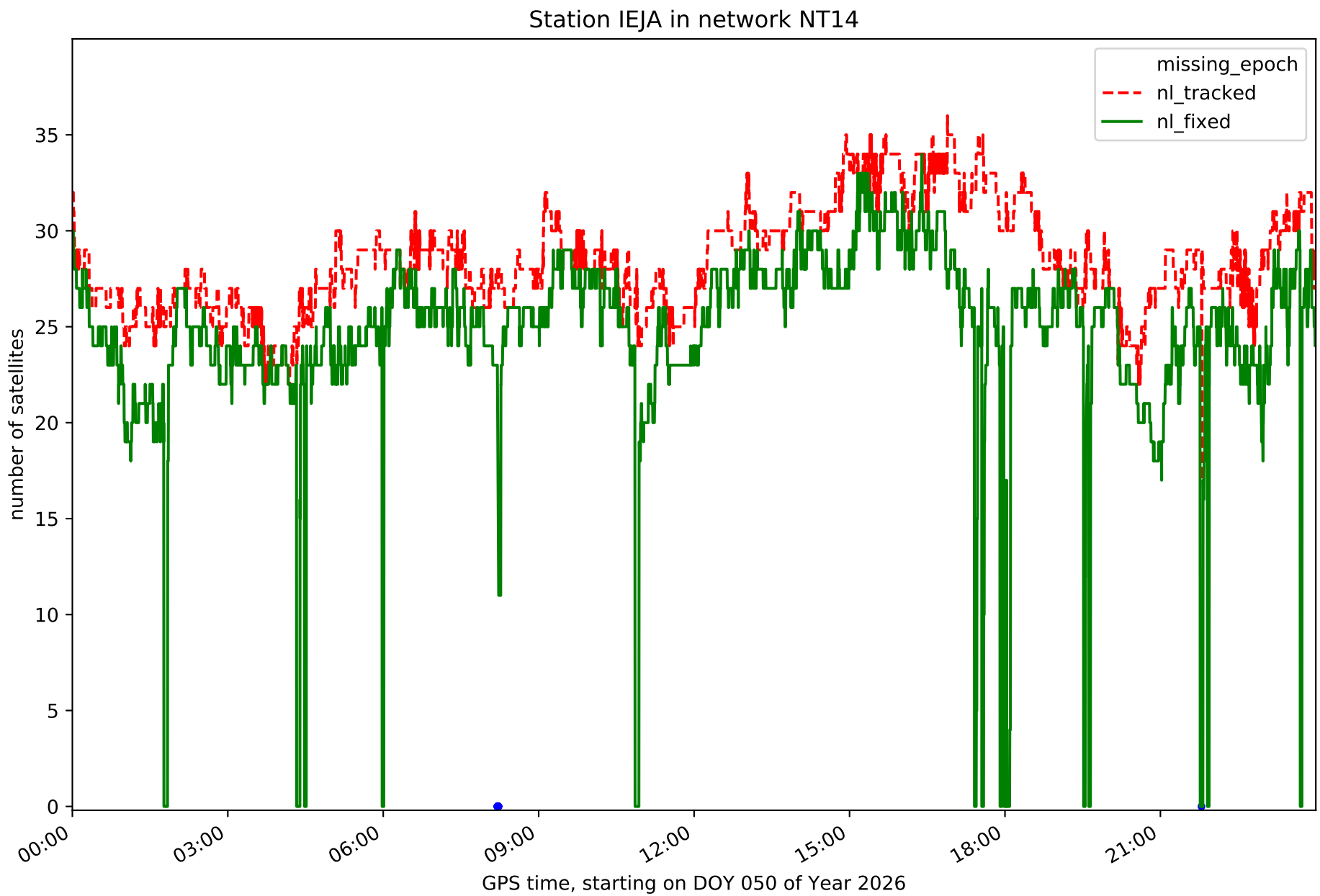

Station AIO2 in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

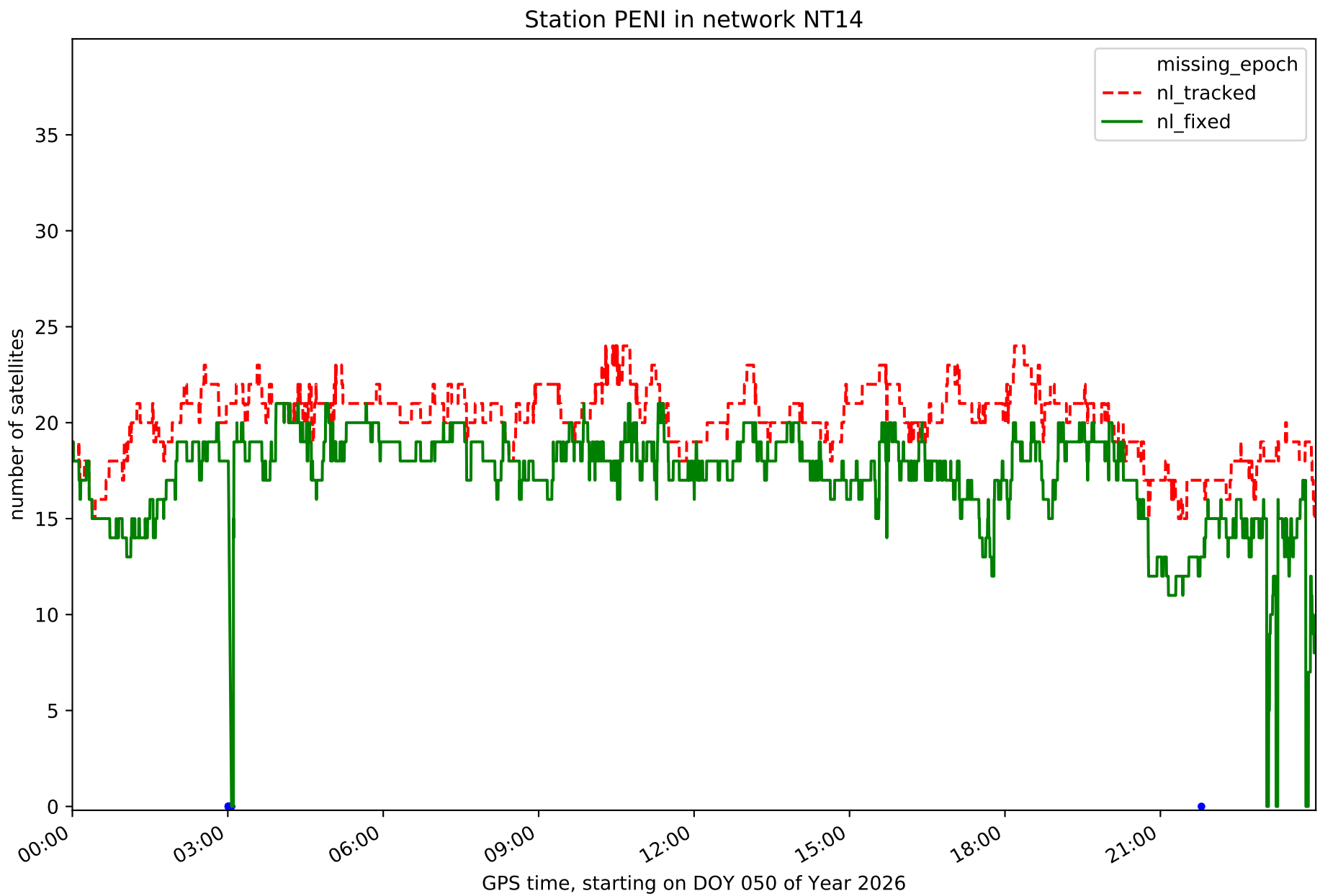

Station ALAC in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

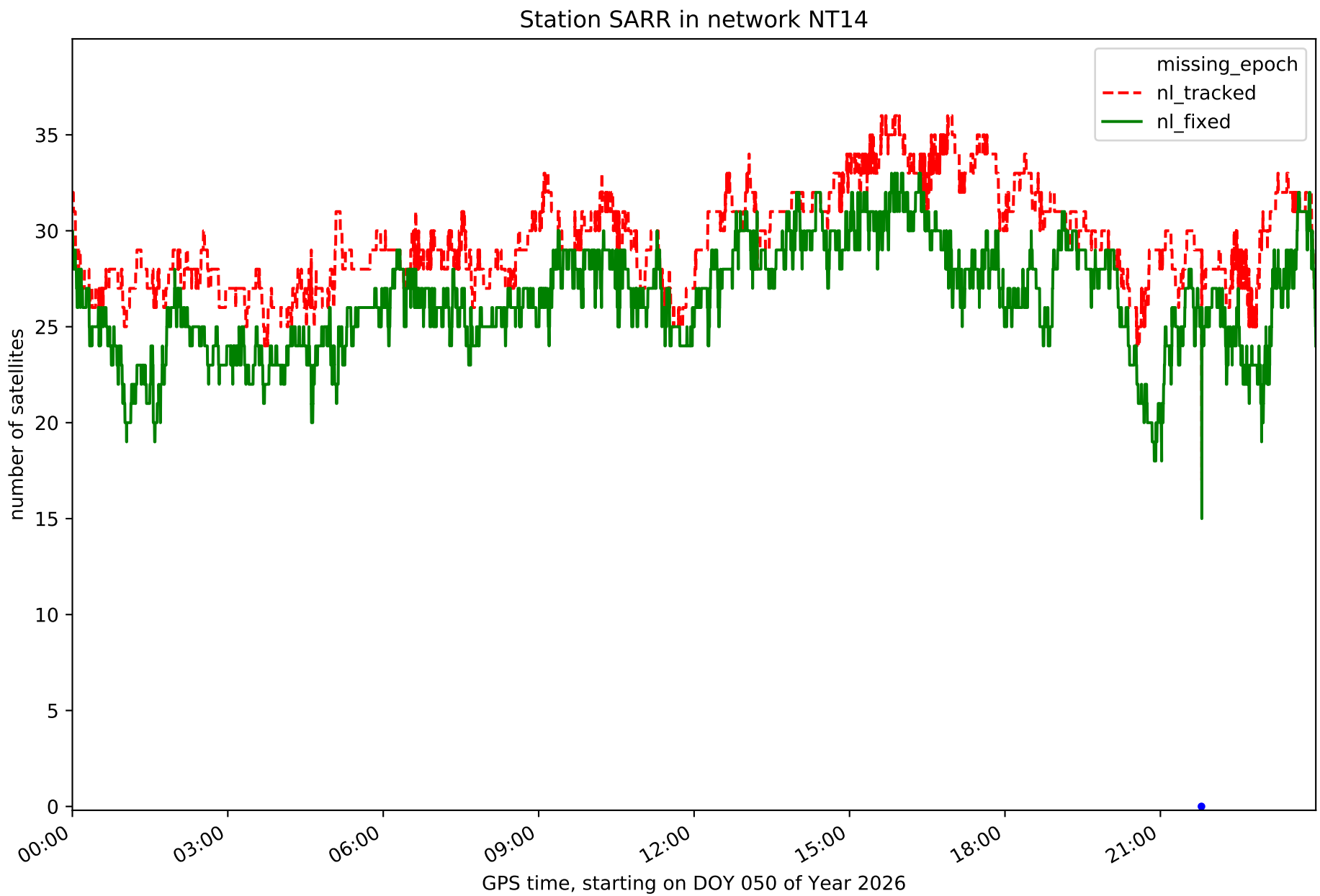

Station ALCO in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

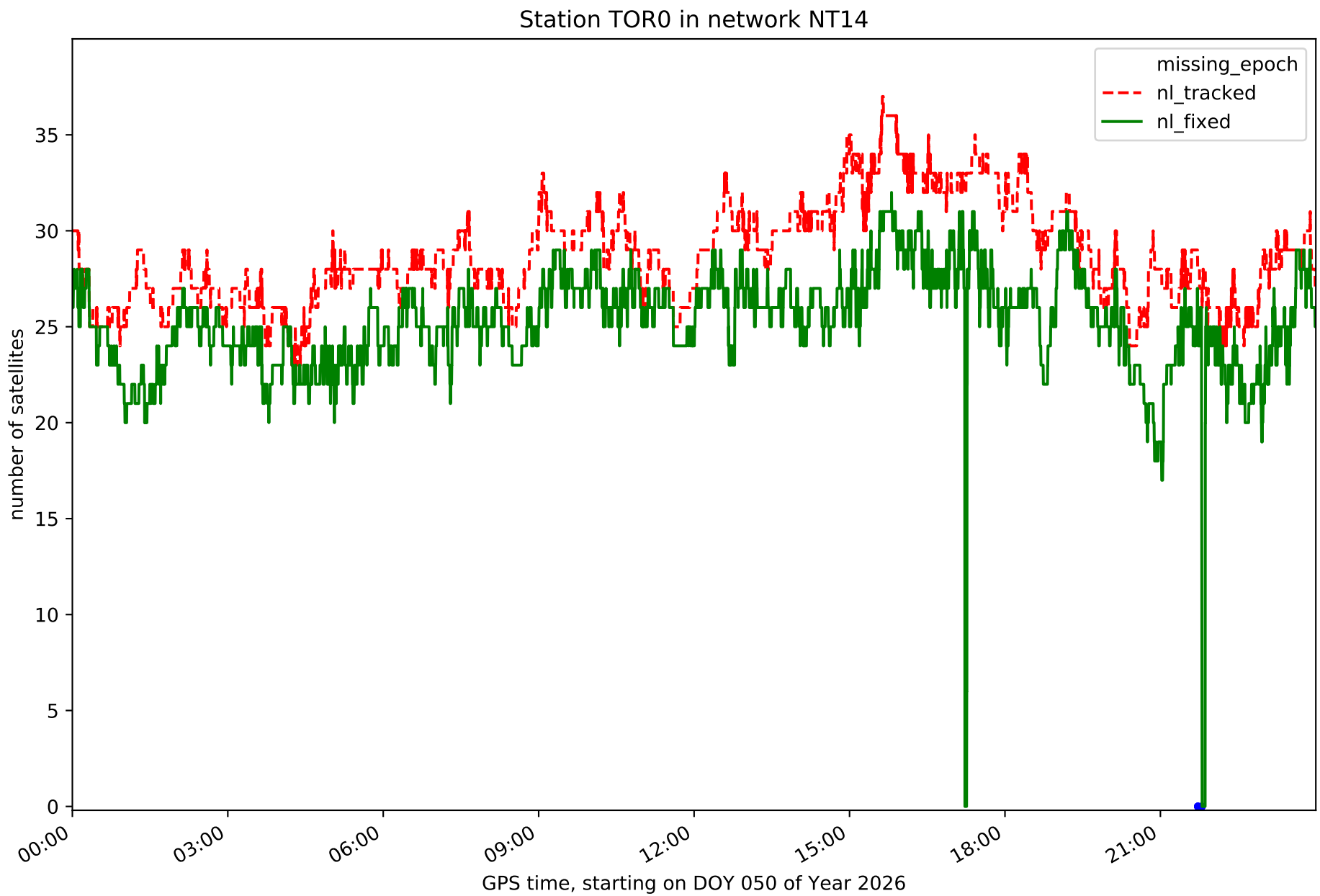

Station BORR in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

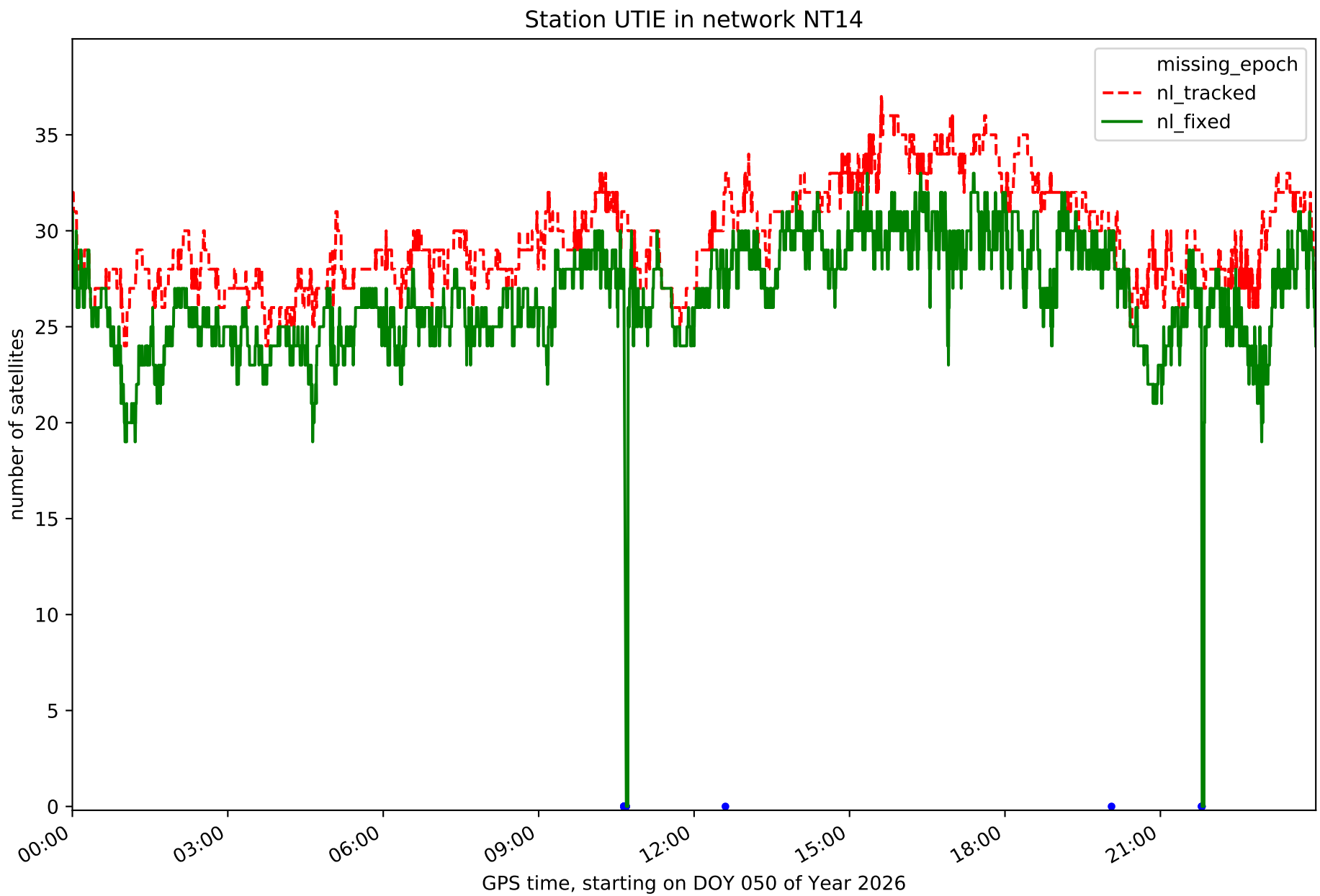

Station DENI in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

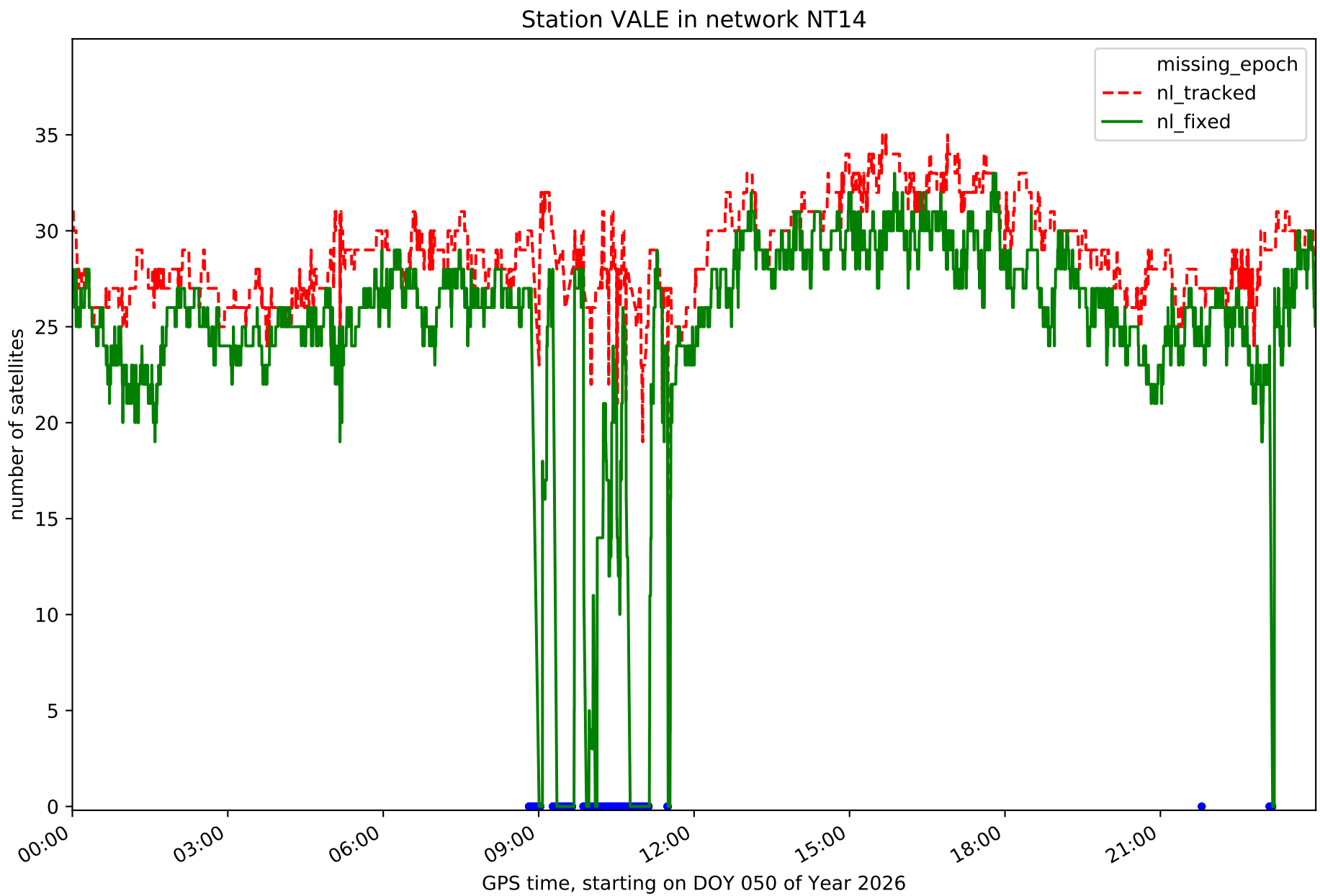

Station IEJA in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

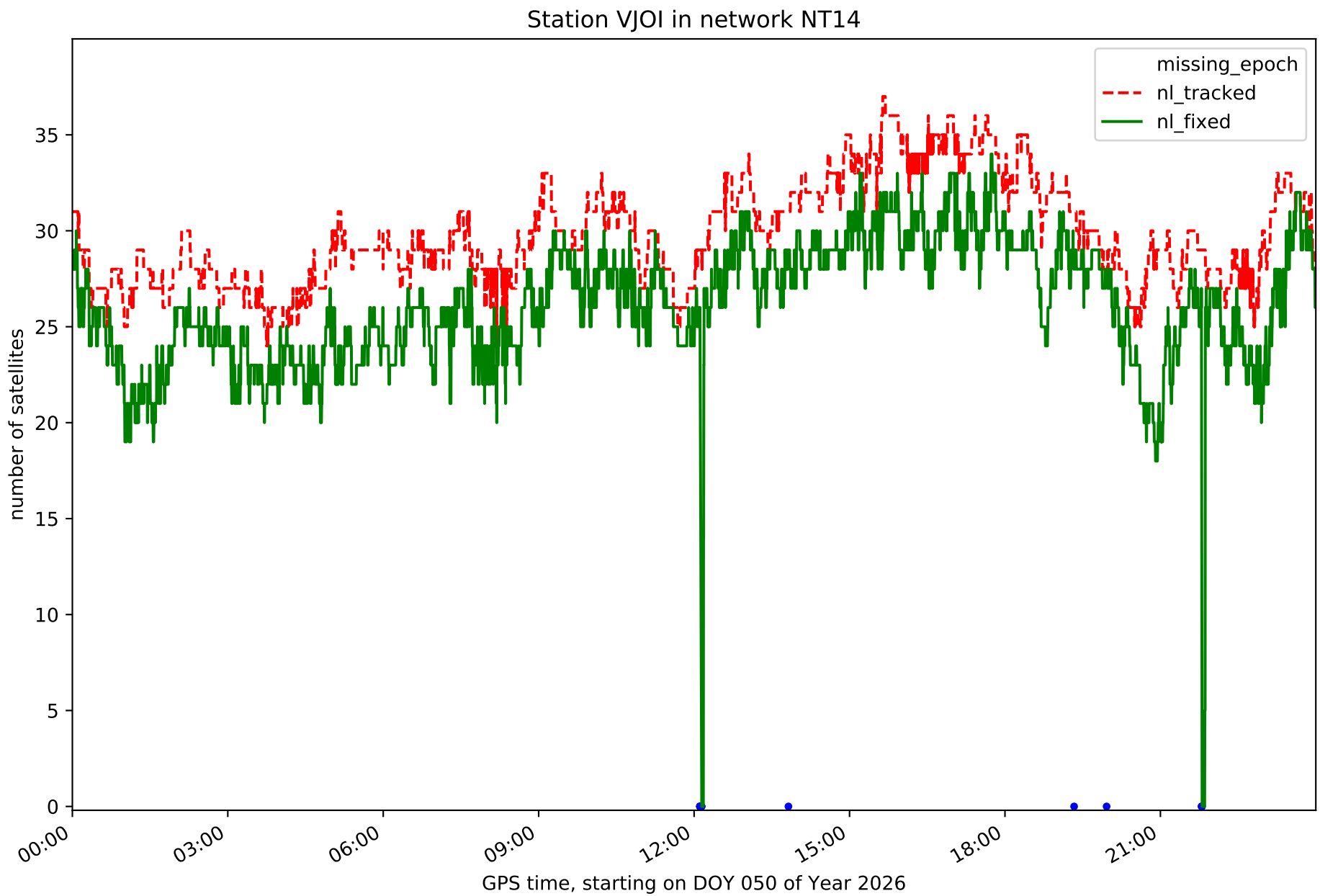

Station PENI in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

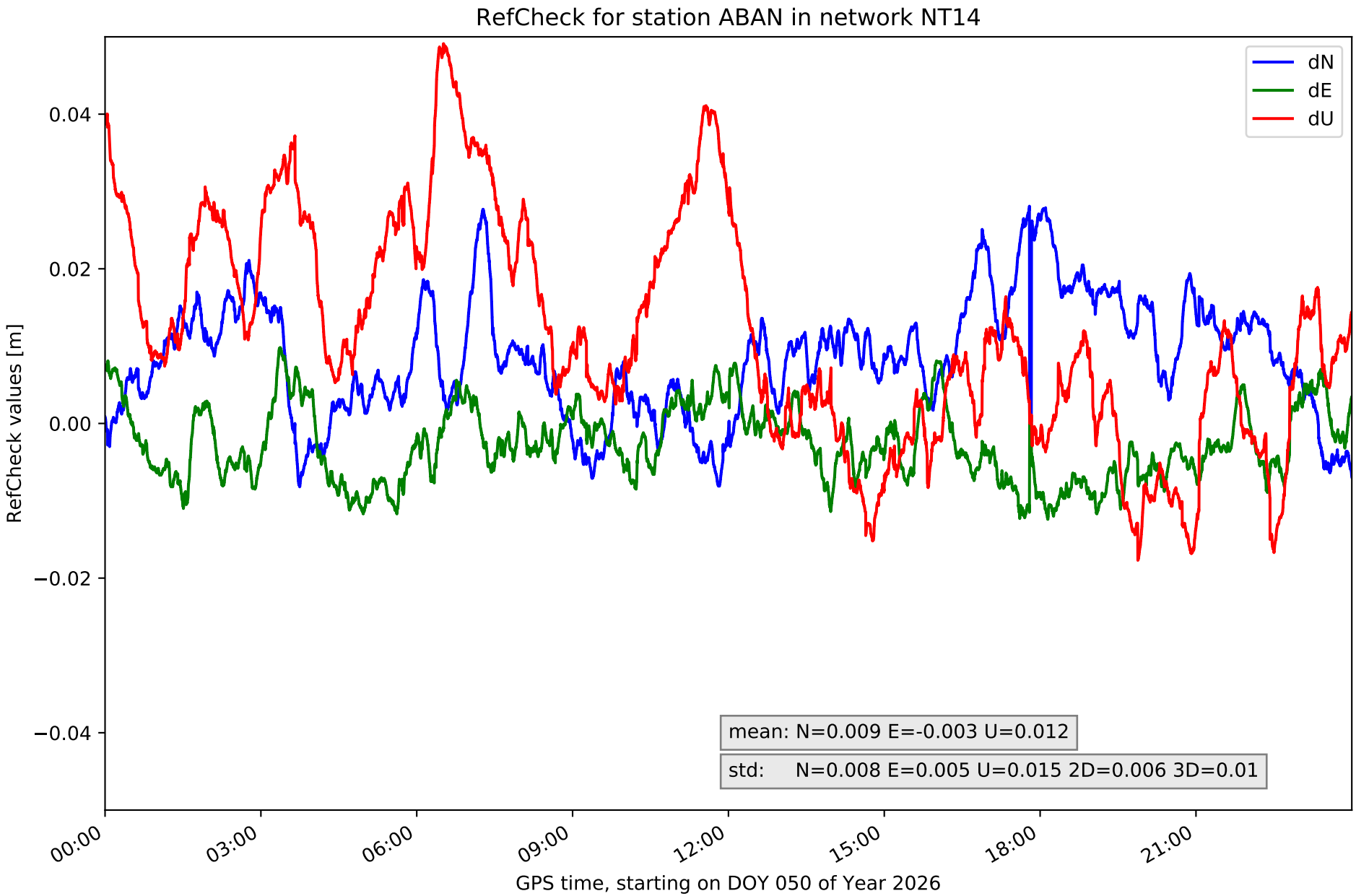

Station SARR in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

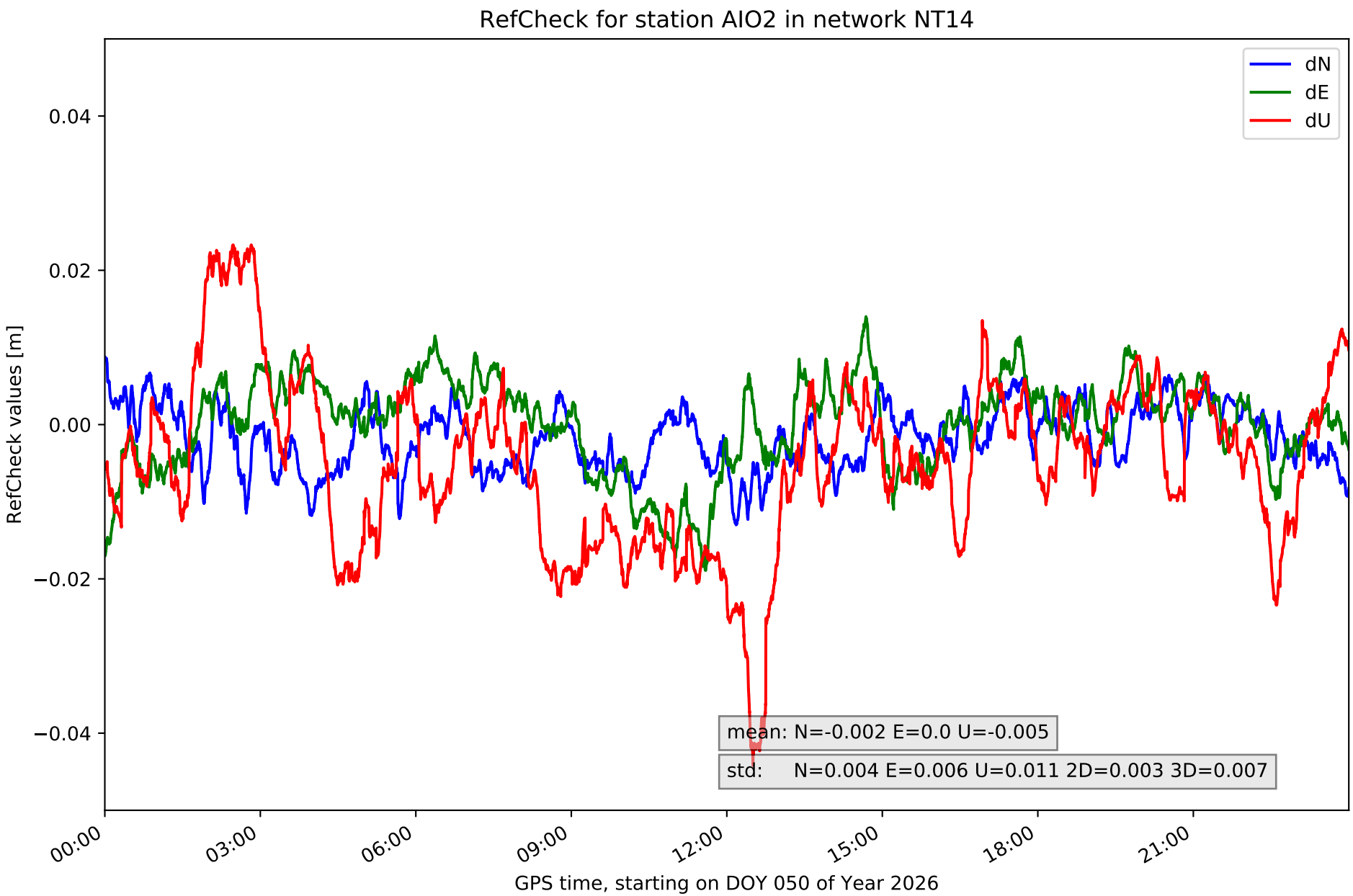

Station TOR0 in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

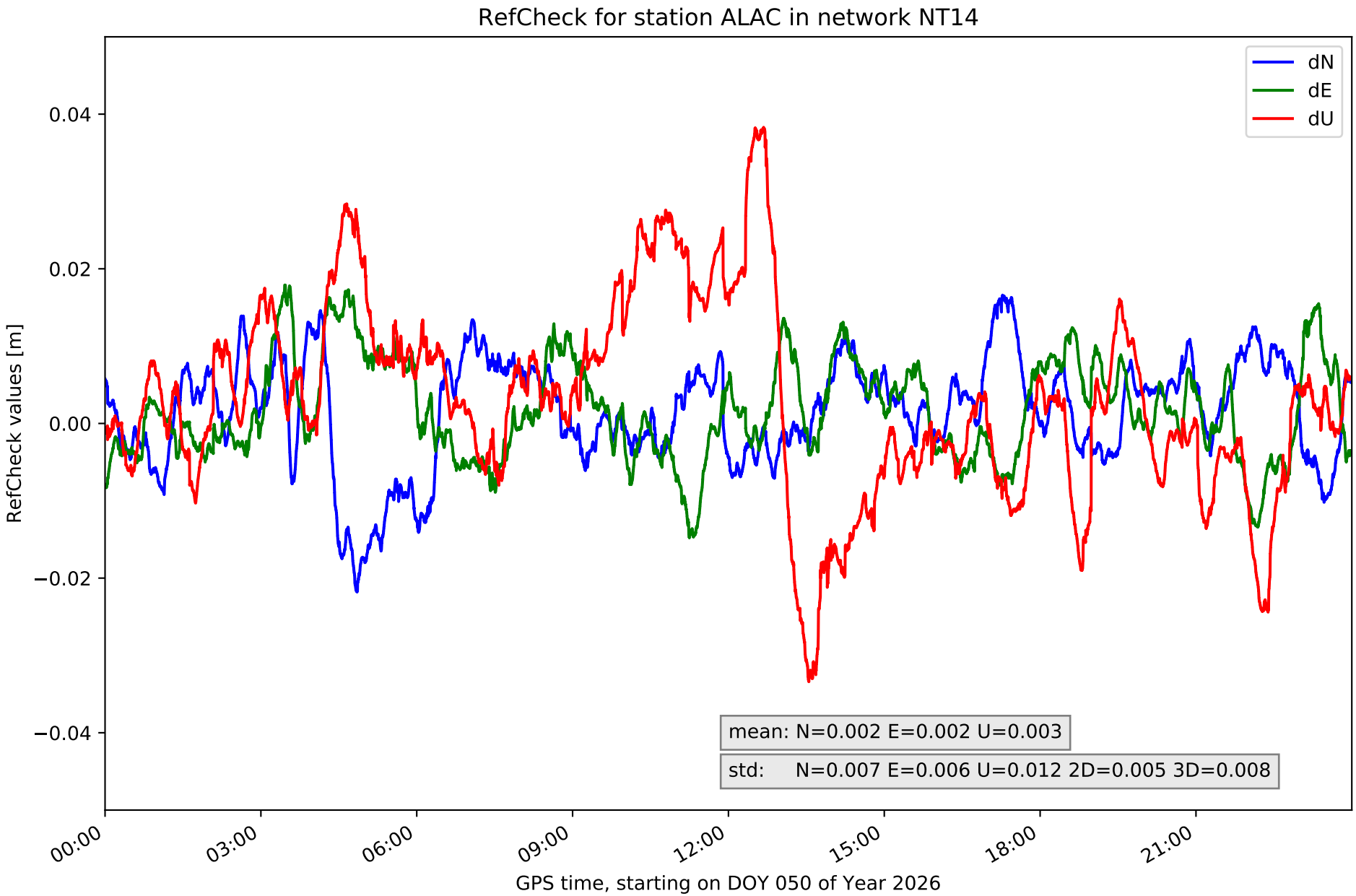

Station UTIE in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

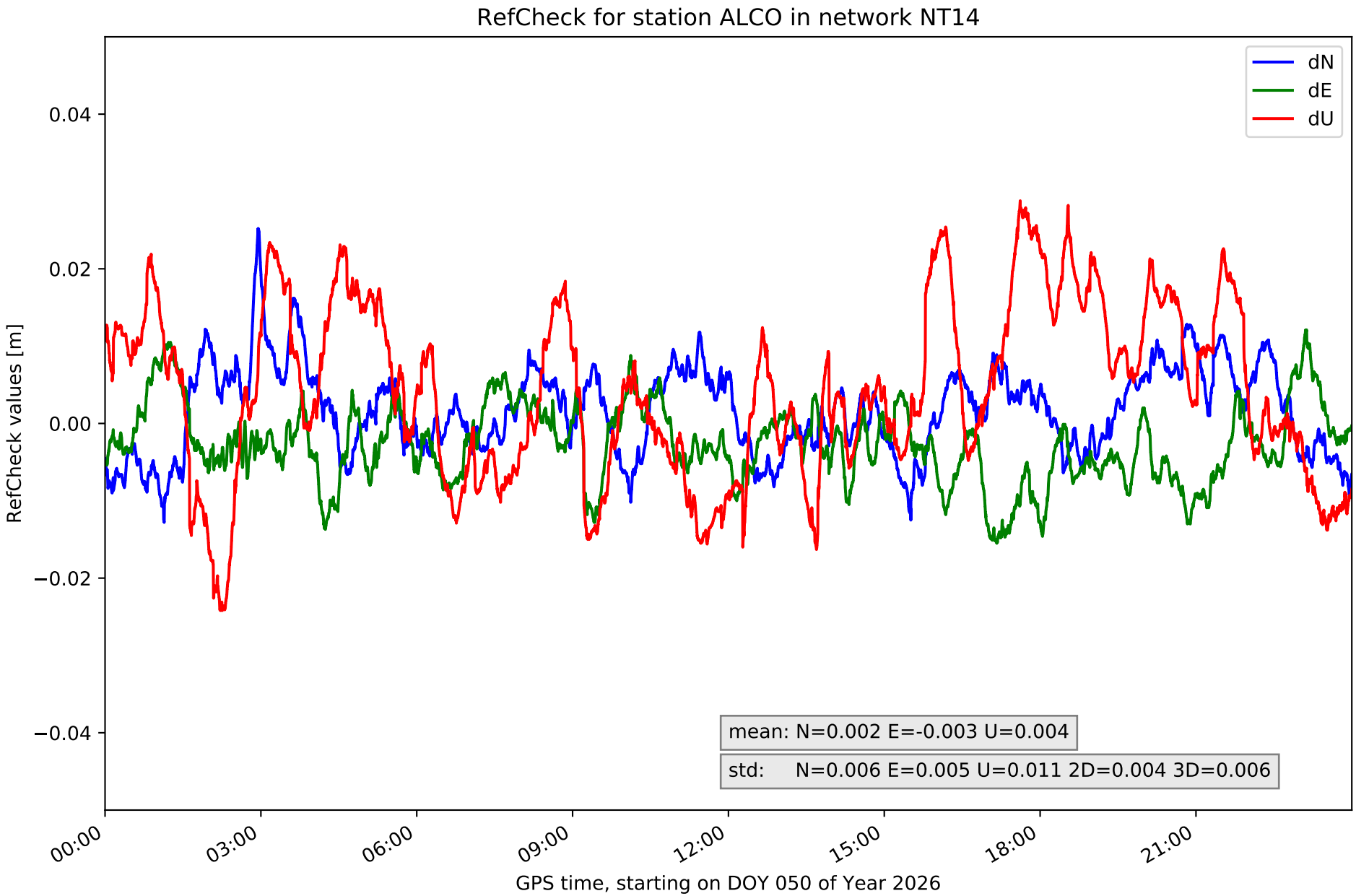

Station VALE in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

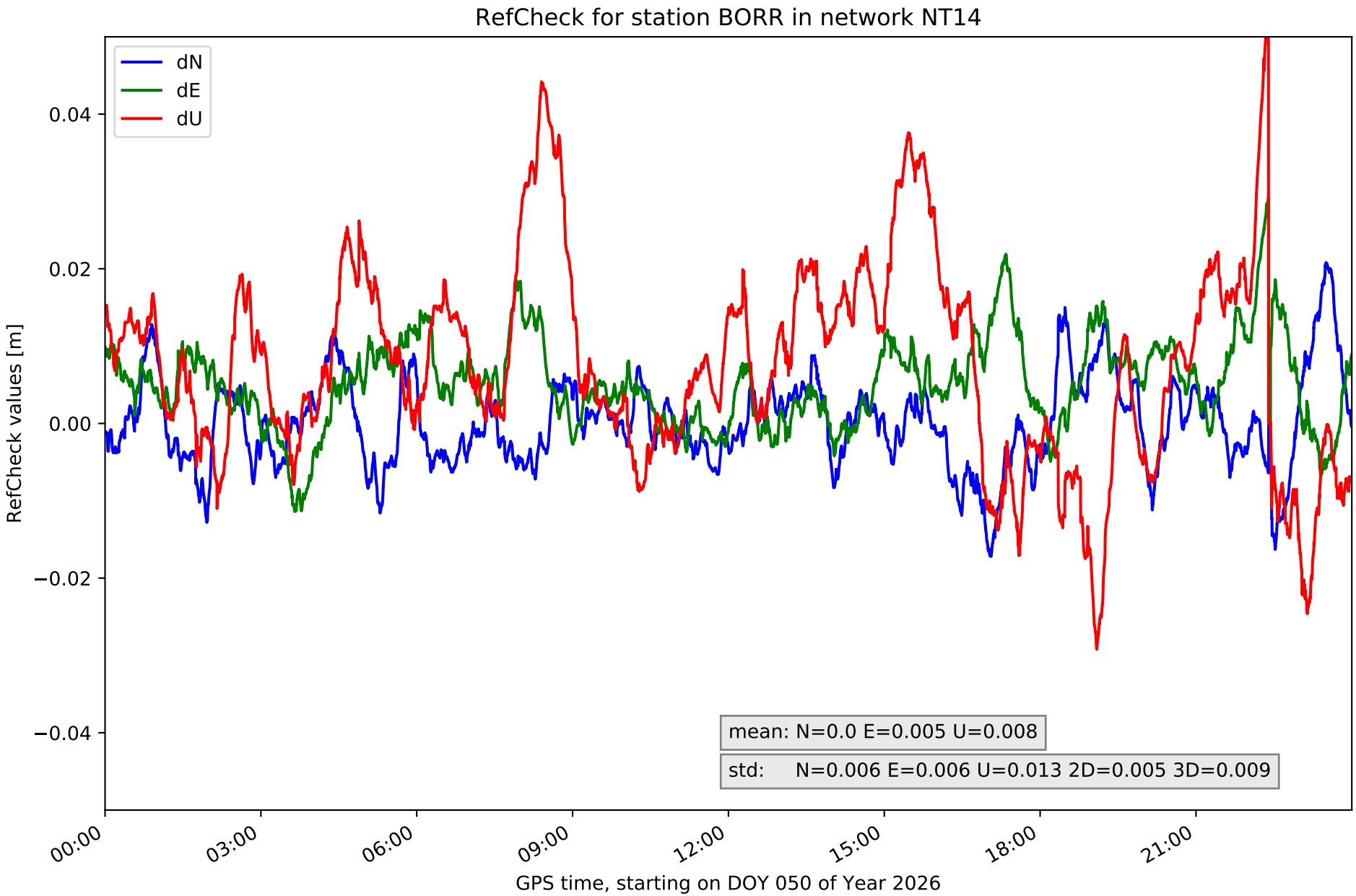

Station VJOI in network NT14
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

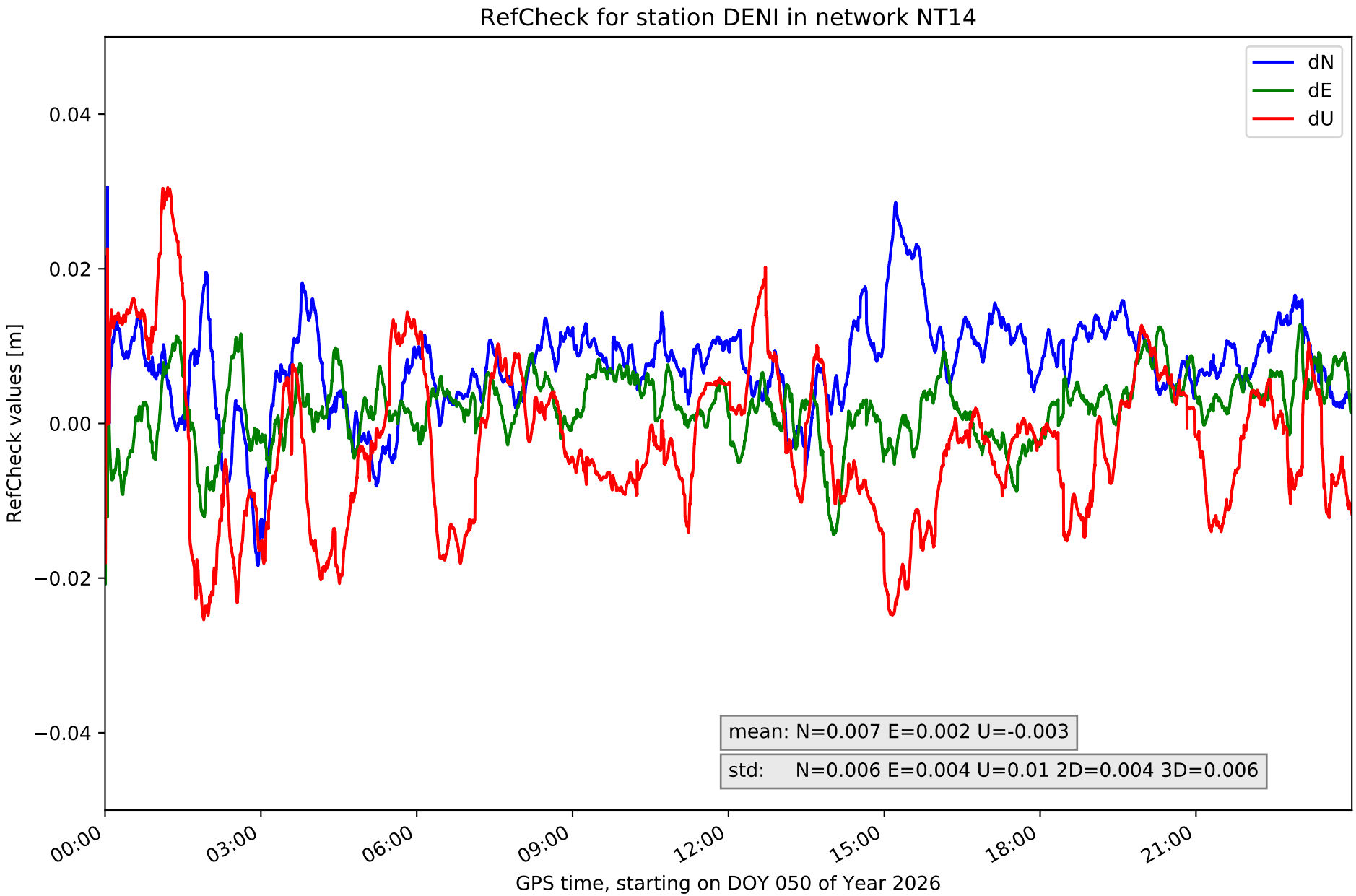

RefCheck for station ABAN in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.009 E=-0.003 U=0.012
std: N=0.008 E=0.005 U=0.015 2D=0.006 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

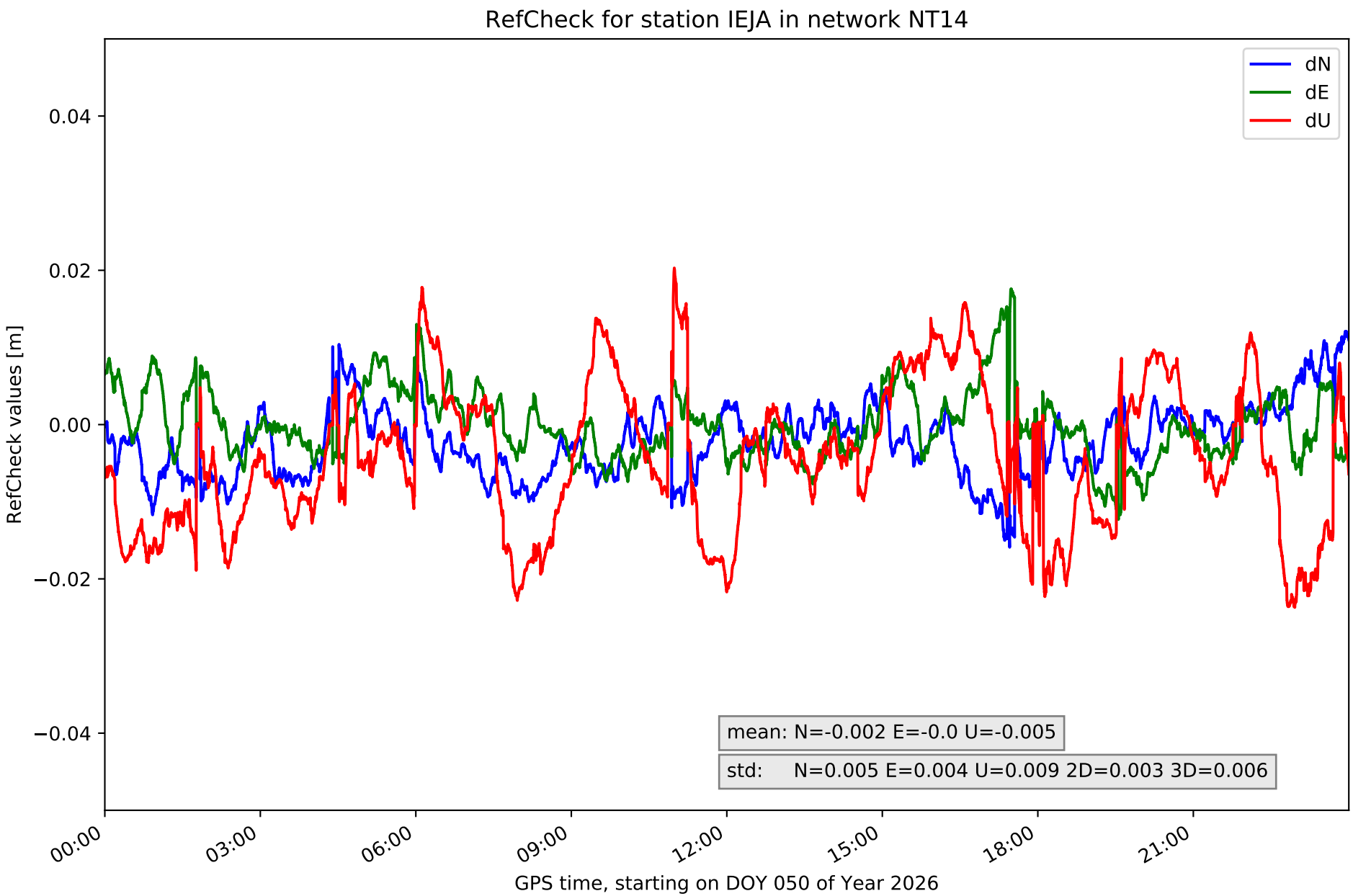

RefCheck for station AIO2 in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.0 U=-0.005
std: N=0.004 E=0.006 U=0.011 2D=0.003 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

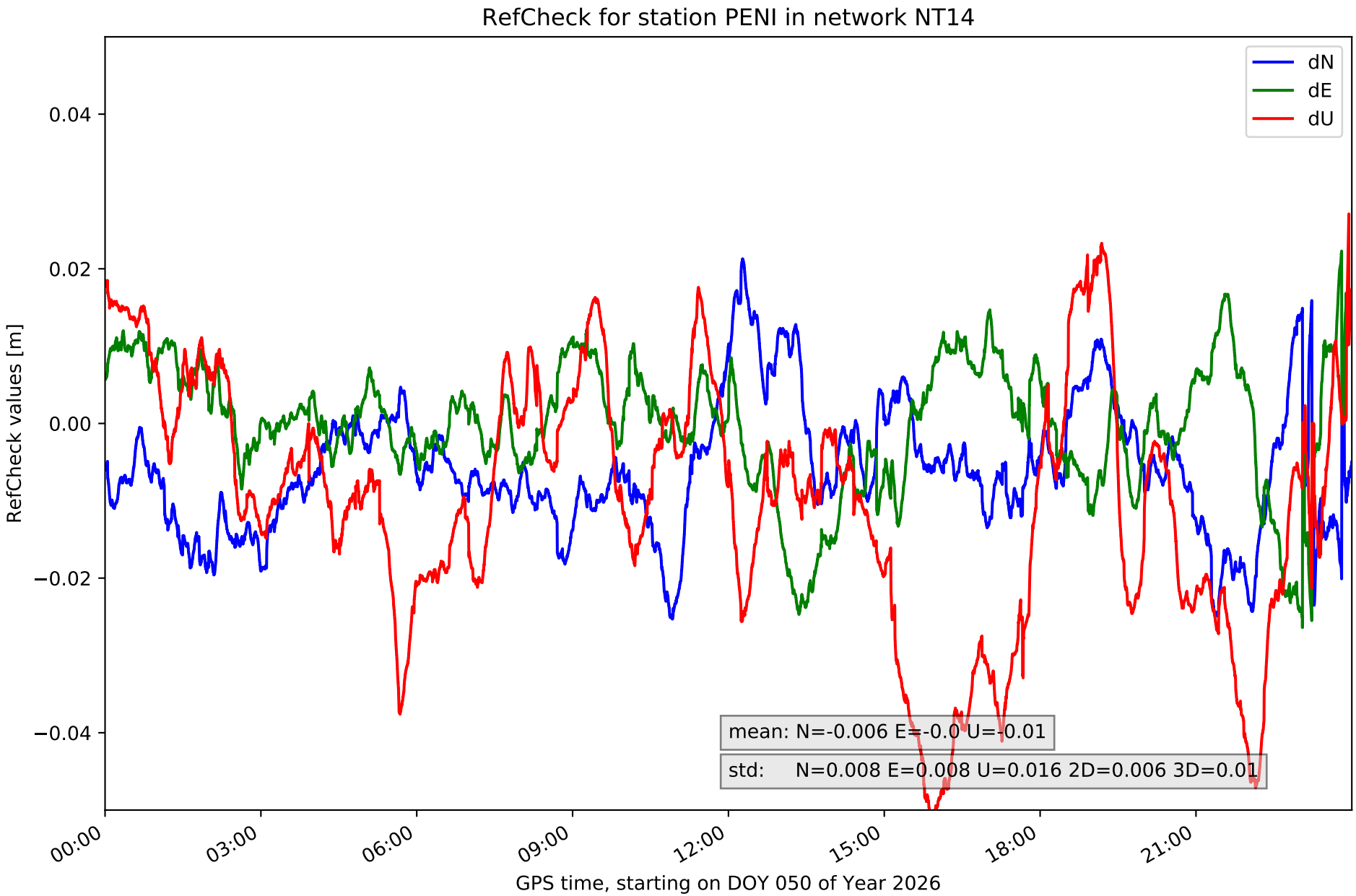

RefCheck for station ALAC in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.002 U=0.003
std: N=0.007 E=0.006 U=0.012 2D=0.005 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

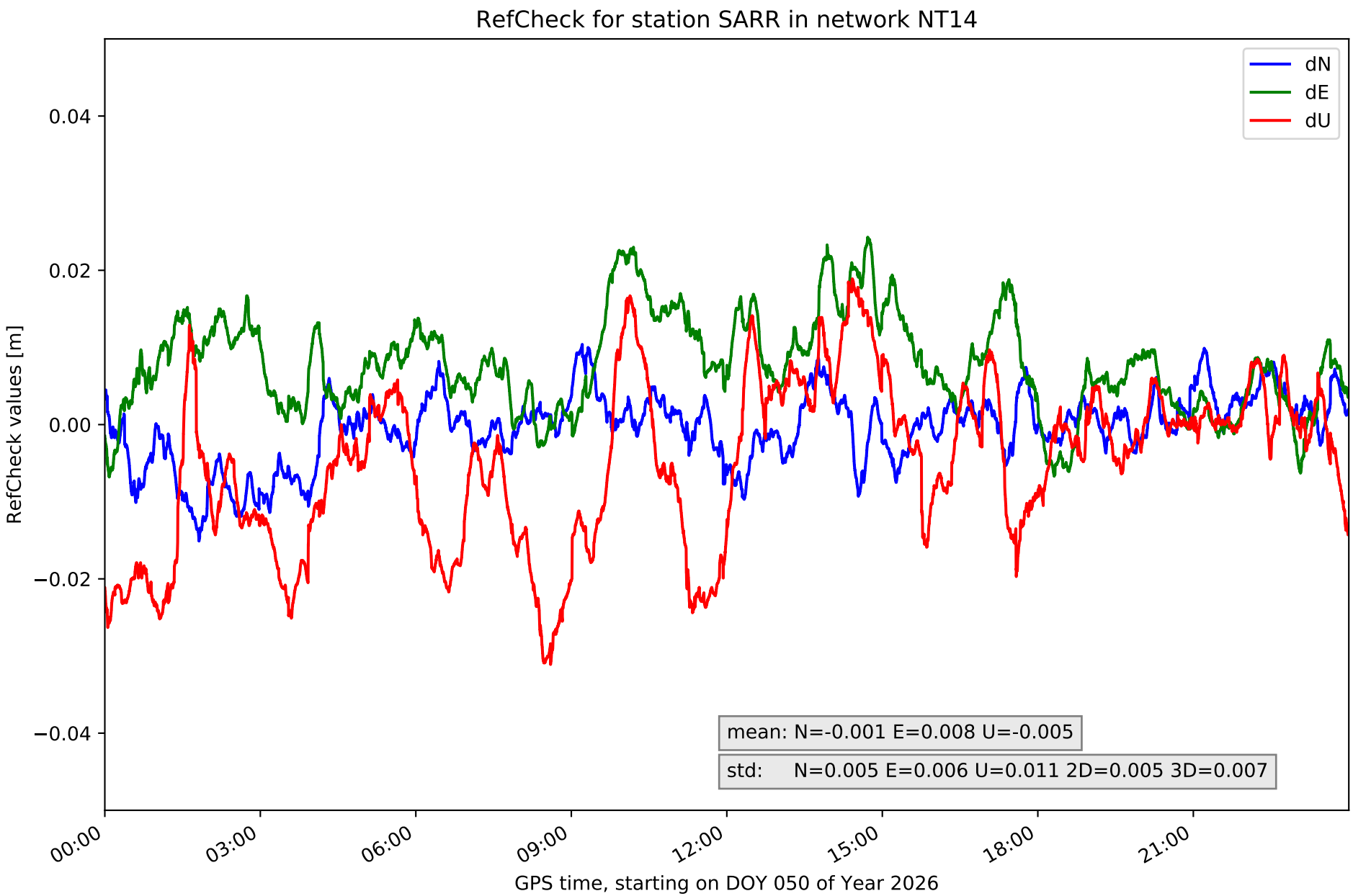

RefCheck for station ALCO in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.003 U=0.004
std: N=0.006 E=0.005 U=0.011 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

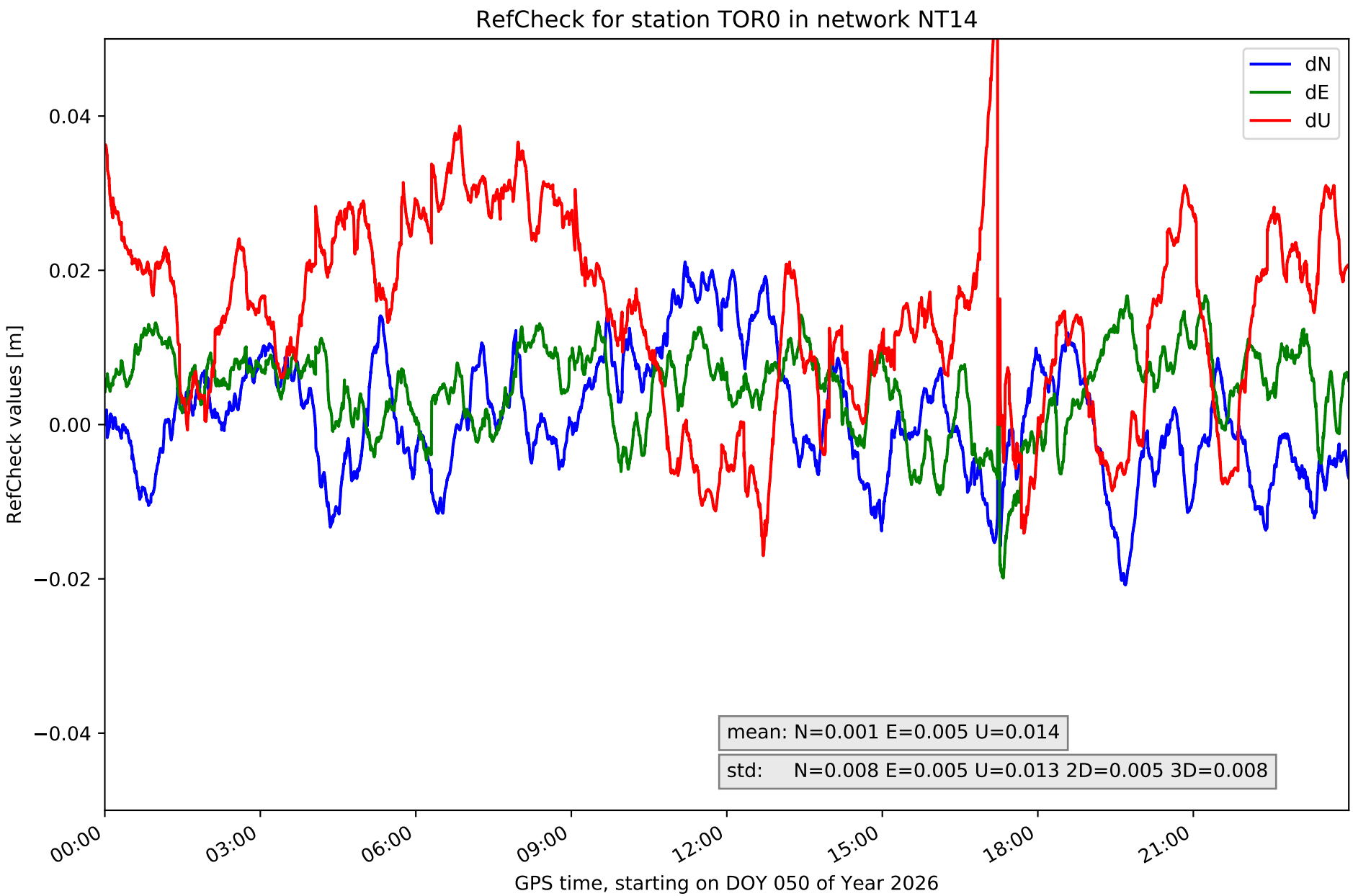

RefCheck for station BORR in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.005 U=0.008
std: N=0.006 E=0.006 U=0.013 2D=0.005 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

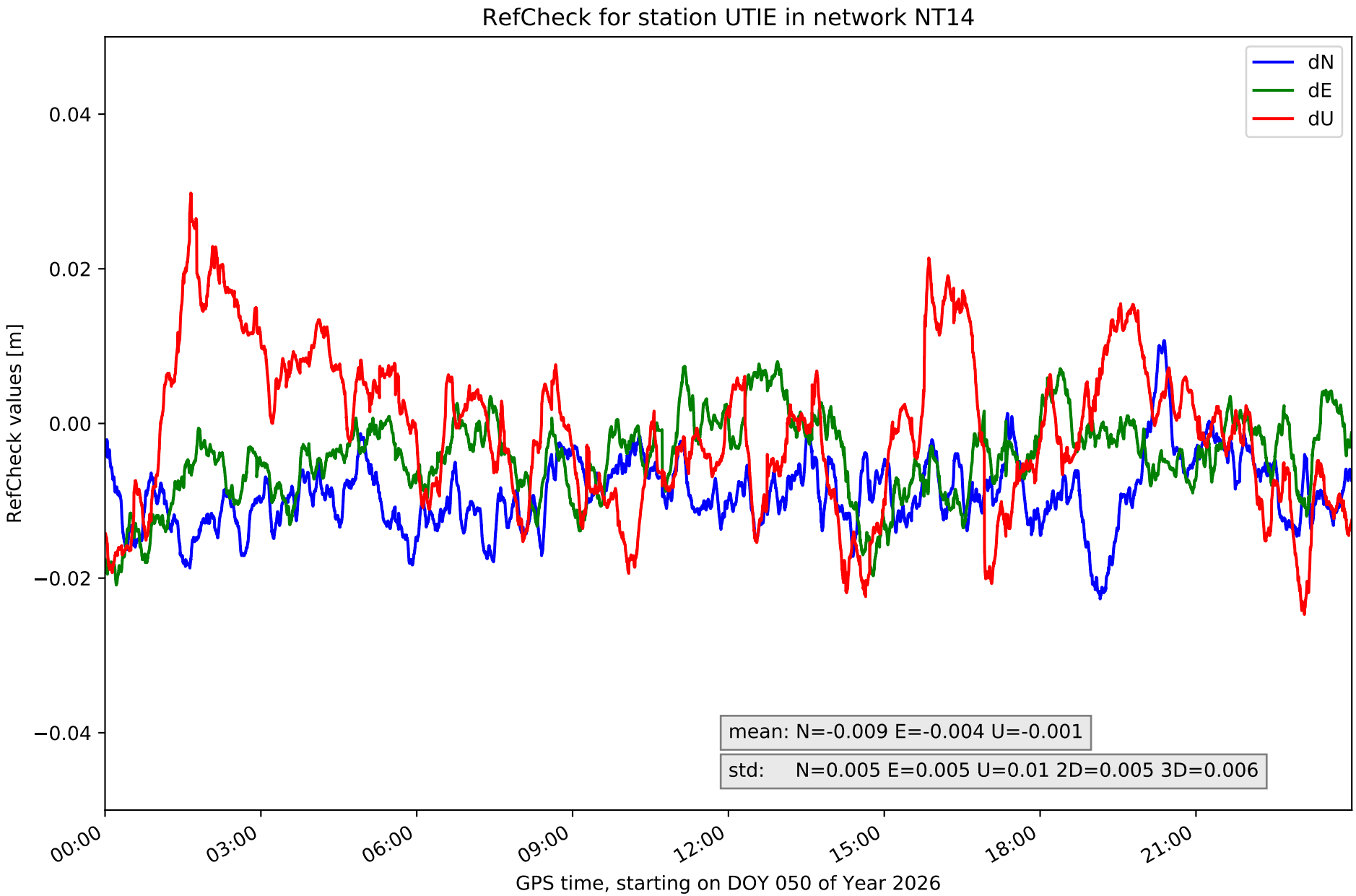

RefCheck for station DENI in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=0.002 U=-0.003
std: N=0.006 E=0.004 U=0.01 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

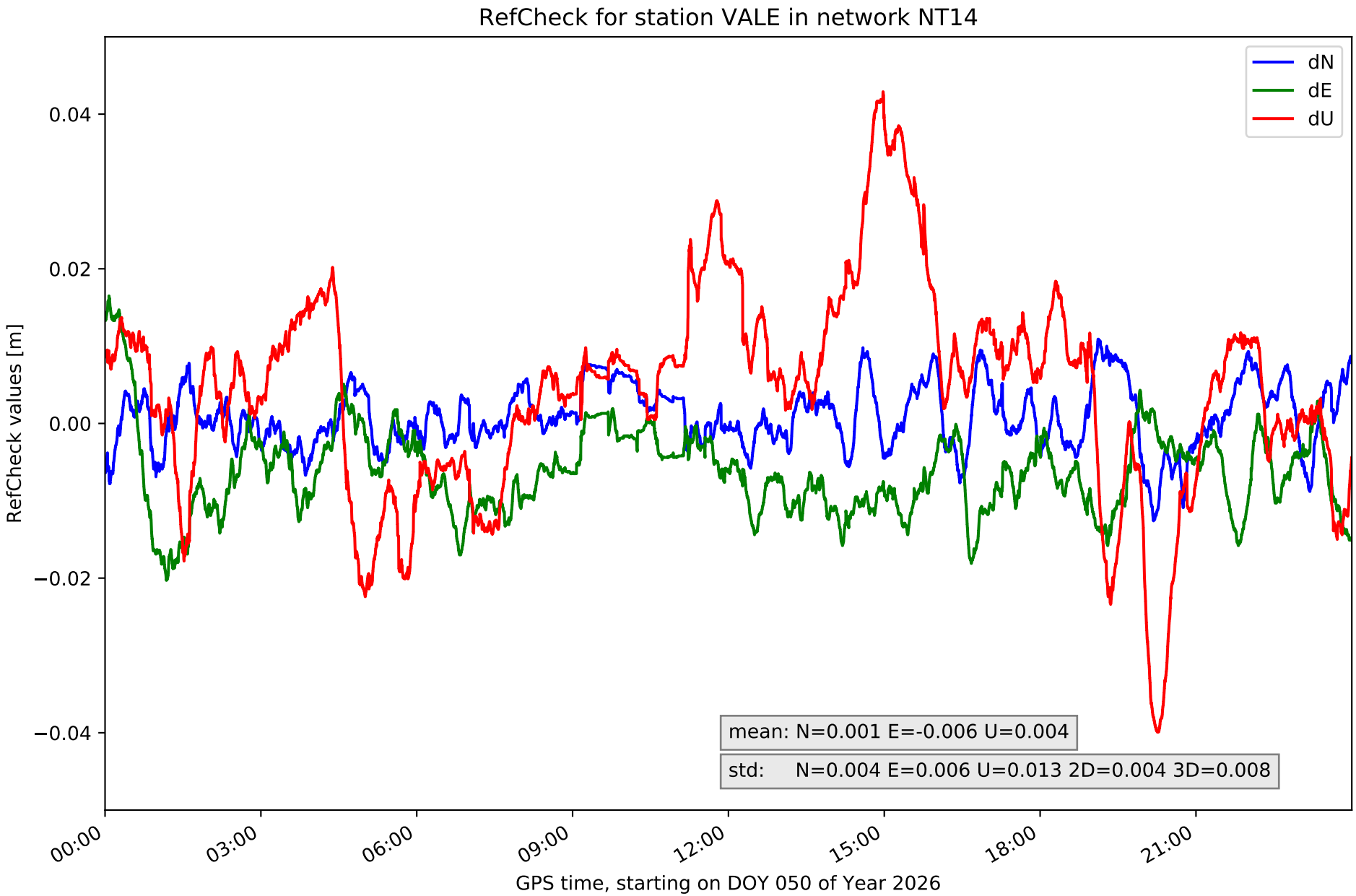

RefCheck for station IEJA in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.0 U=-0.005
std: N=0.005 E=0.004 U=0.009 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

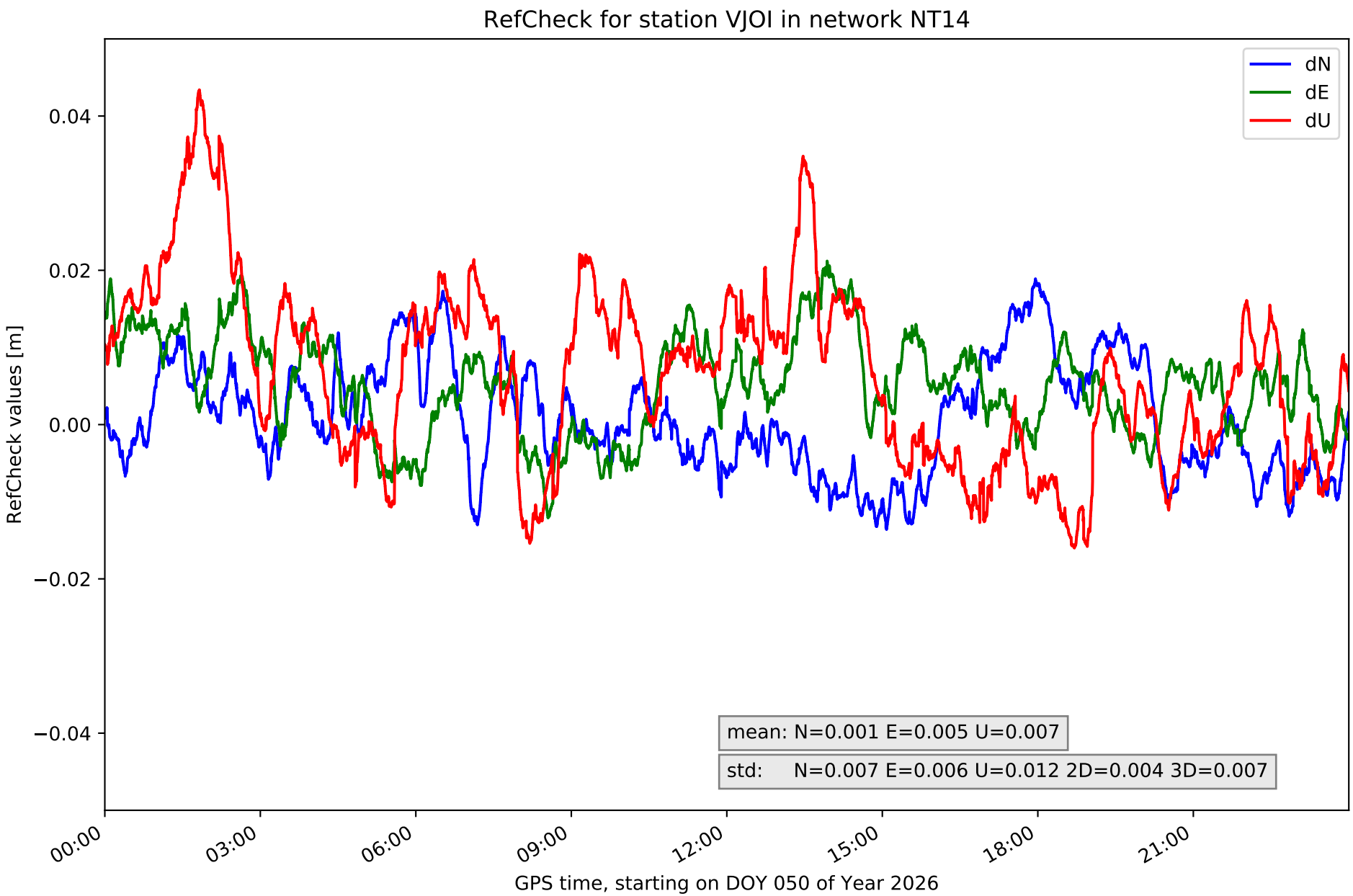

RefCheck for station PENI in network NT14
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.0 U=-0.01
std: N=0.008 E=0.008 U=0.016 2D=0.006 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026


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=0.008 U=-0.005
std: N=0.005 E=0.006 U=0.011 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 050 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=0.005 U=0.014
std: N=0.008 E=0.005 U=0.013 2D=0.005 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 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=-0.009 E=-0.004 U=-0.001
std: N=0.005 E=0.005 U=0.01 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 050 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=0.001 E=-0.006 U=0.004
std: N=0.004 E=0.006 U=0.013 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 050 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=0.001 E=0.005 U=0.007
std: N=0.007 E=0.006 U=0.012 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 050 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	-0.008	0.028	**0.008**	-0.012	0.01	0.005	-0.018	0.049	0.015	**0.006**	**0.01**	41441	50.7	36668	44.9
AIO2	-0.013	0.009	0.004	-0.019	0.014	0.006	-0.044	0.023	0.011	0.003	0.007	10318	12.6	13011	15.9
ALAC	-0.022	0.017	0.007	-0.015	0.018	0.006	-0.033	0.038	0.012	0.005	0.008	26761	32.7	15862	19.4
ALCO	-0.013	0.025	0.006	-0.015	0.012	0.005	-0.024	0.029	0.011	0.004	0.006	17026	20.8	12197	14.9
BORR	-0.017	0.021	0.006	-0.011	**0.029**	0.006	-0.029	0.051	0.013	0.005	0.009	25267	30.9	19723	24.1
DENI	-0.018	**0.031**	0.006	-0.021	0.013	0.004	-0.025	0.03	0.01	0.004	0.006	38314	46.9	8713	10.7
IEJA	-0.016	0.012	0.005	-0.012	0.018	0.004	-0.024	0.02	0.009	0.003	0.006	7566	9.3	6615	8.1
PENI	**-0.025**	0.021	**0.008**	**-0.026**	0.022	**0.008**	**-0.052**	0.027	**0.016**	**0.006**	**0.01**	42981	52.6	34546	42.3
SARR	-0.015	0.01	0.005	-0.007	0.024	0.006	-0.031	0.019	0.011	0.005	0.007	31294	38.3	20463	25.0
TOR0	-0.021	0.021	**0.008**	-0.02	0.017	0.005	-0.017	**0.06**	0.013	0.005	0.008	35324	43.2	**41003**	**50.2**
UTIE	-0.023	0.011	0.005	-0.021	0.008	0.005	-0.025	0.03	0.01	0.005	0.006	**50864**	**62.2**	15850	19.4
VALE	-0.013	0.011	0.004	-0.02	0.017	0.006	-0.04	0.043	0.013	0.004	0.008	28824	35.3	15168	18.6
VJOI	-0.014	0.019	0.007	-0.012	0.021	0.006	-0.016	0.043	0.012	0.004	0.007	37841	46.3	16717	20.5
Mean	**-0.017**	**0.018**	**0.006**	**-0.016**	**0.017**	**0.006**	**-0.029**	**0.036**	**0.012**	**0.005**	**0.008**	**30293.9**	**37.1**	**19733.5**	**24.2**
Min/Max	**-0.025**	**0.031**	**0.008**	**-0.026**	**0.029**	**0.008**	**-0.052**	**0.06**	**0.016**	**0.006**	**0.01**	**50864**	**62.2**	**41003**	**50.2**

fixing statistic for network NT14

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	91.7	92.4	92.0	93.3	89.4
considering satellites with dual-frequency fixed	87.9	88.8	87.8	89.7	85.4
considering all signals separately	87.9	88.8	87.8	90.0	84.0