summary for network NT11

timeperiod chosen: from 2026-11-14-00:00:00 until 2026-11-14-23:59:59

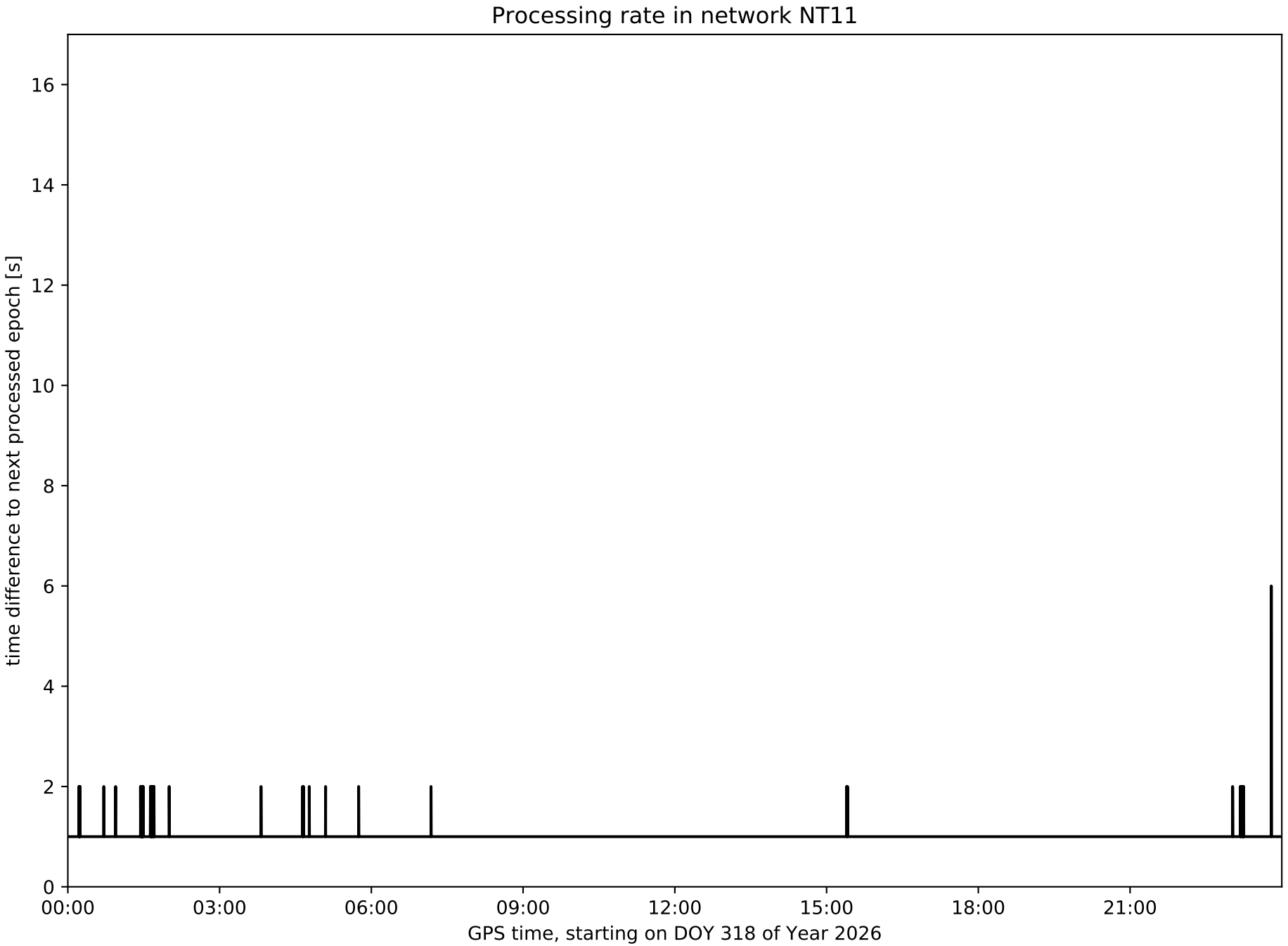
average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

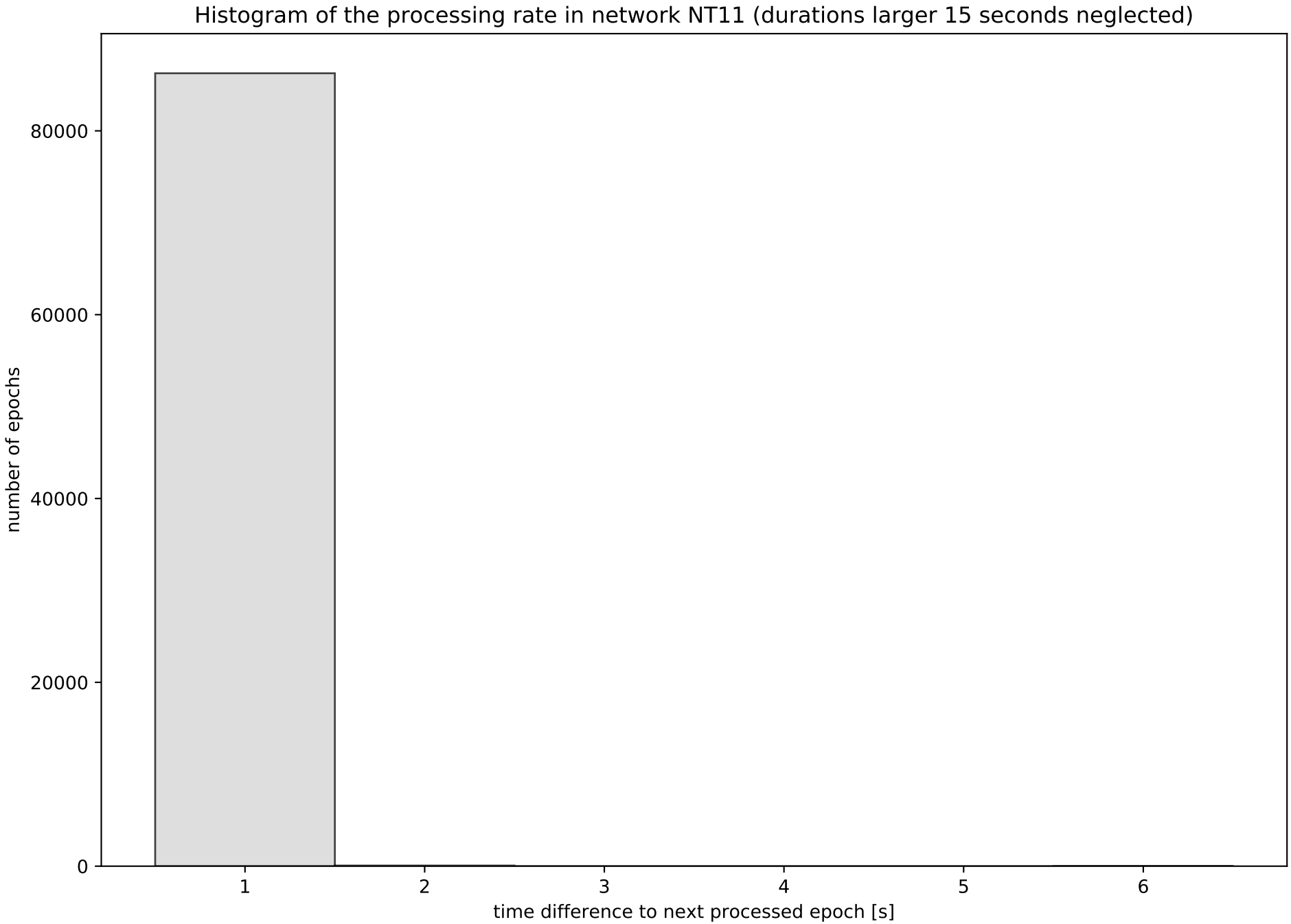
average fixing percentage with threshold set to 0.3: 94.3 percent

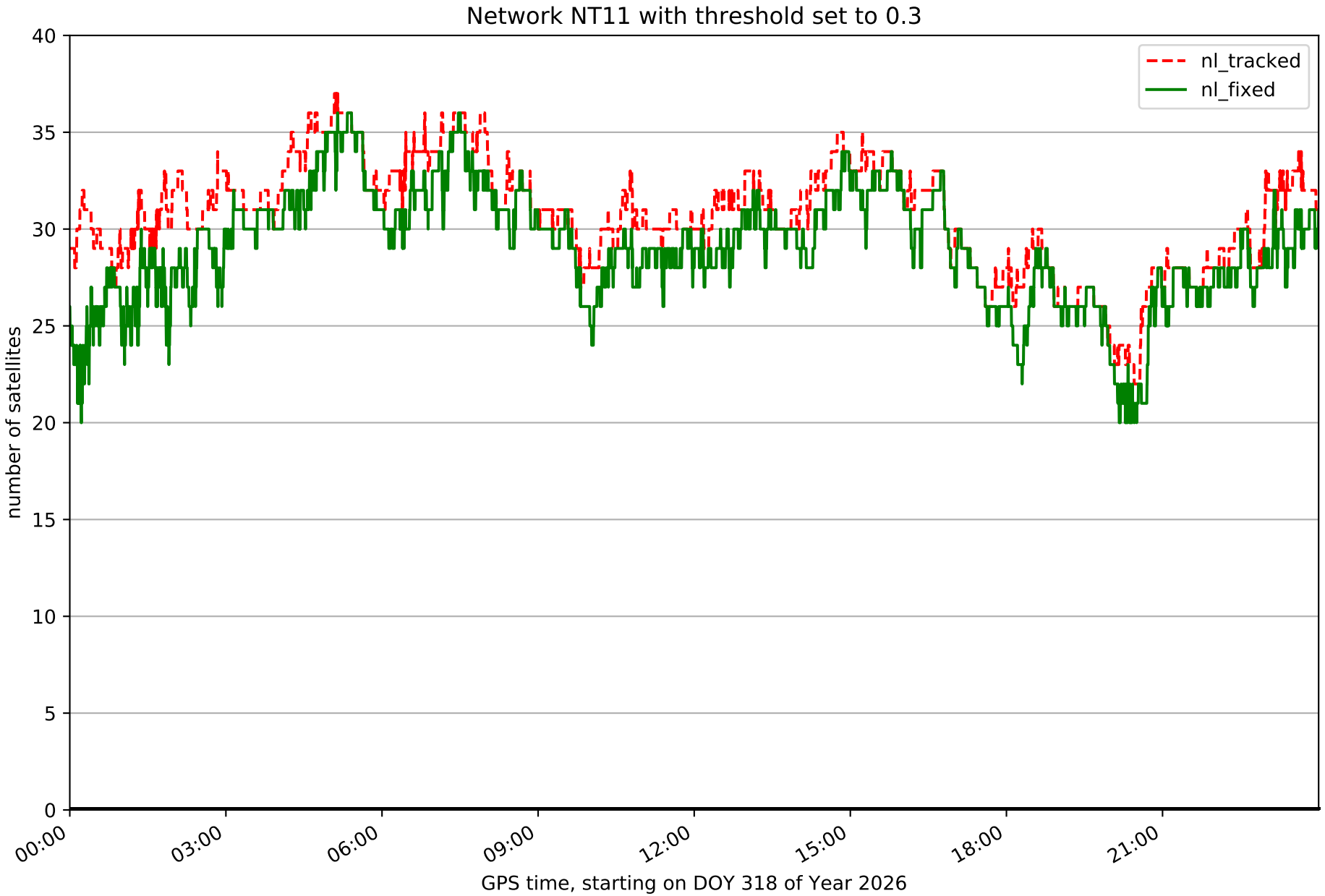
stations available: 9 of 9

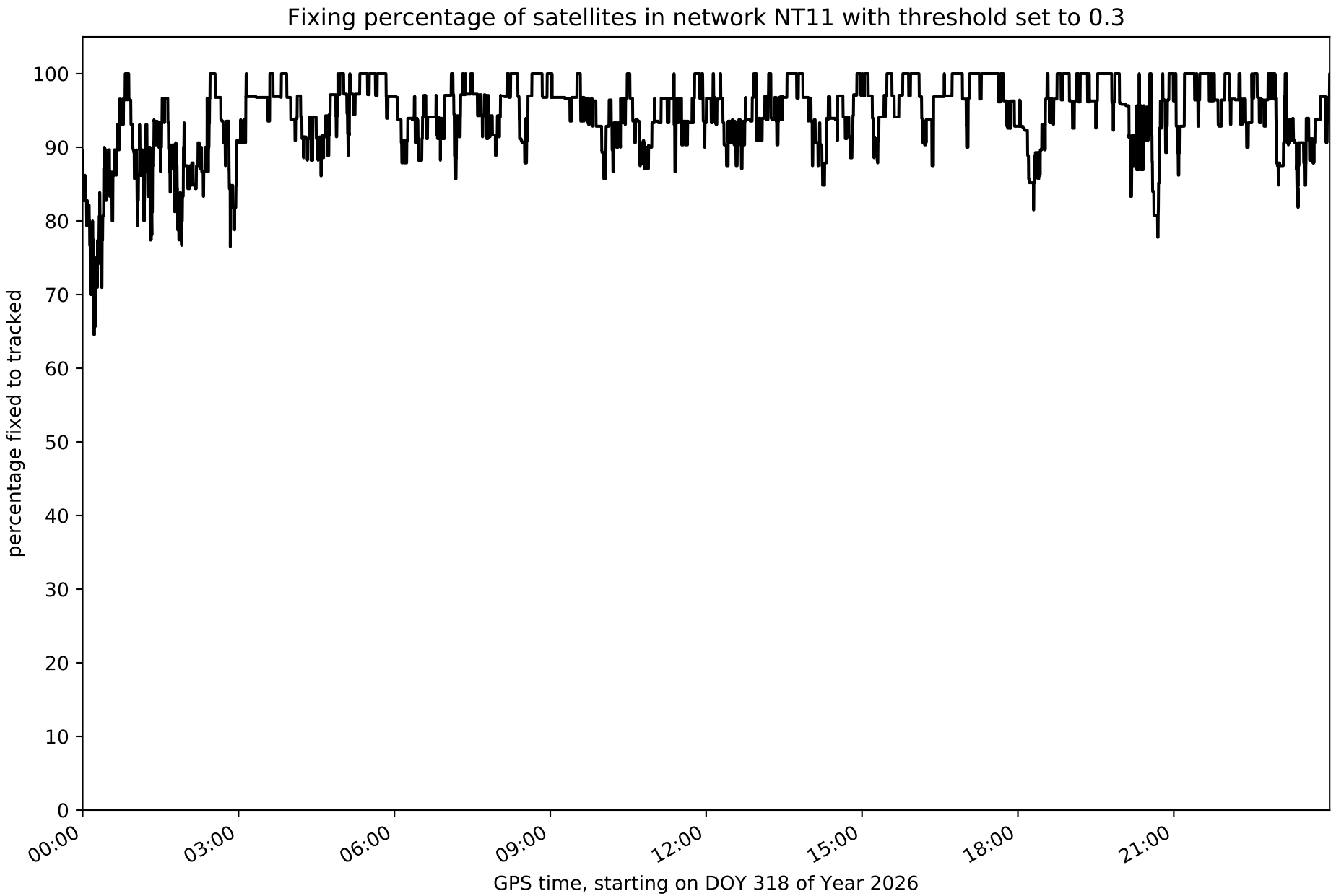
station information:

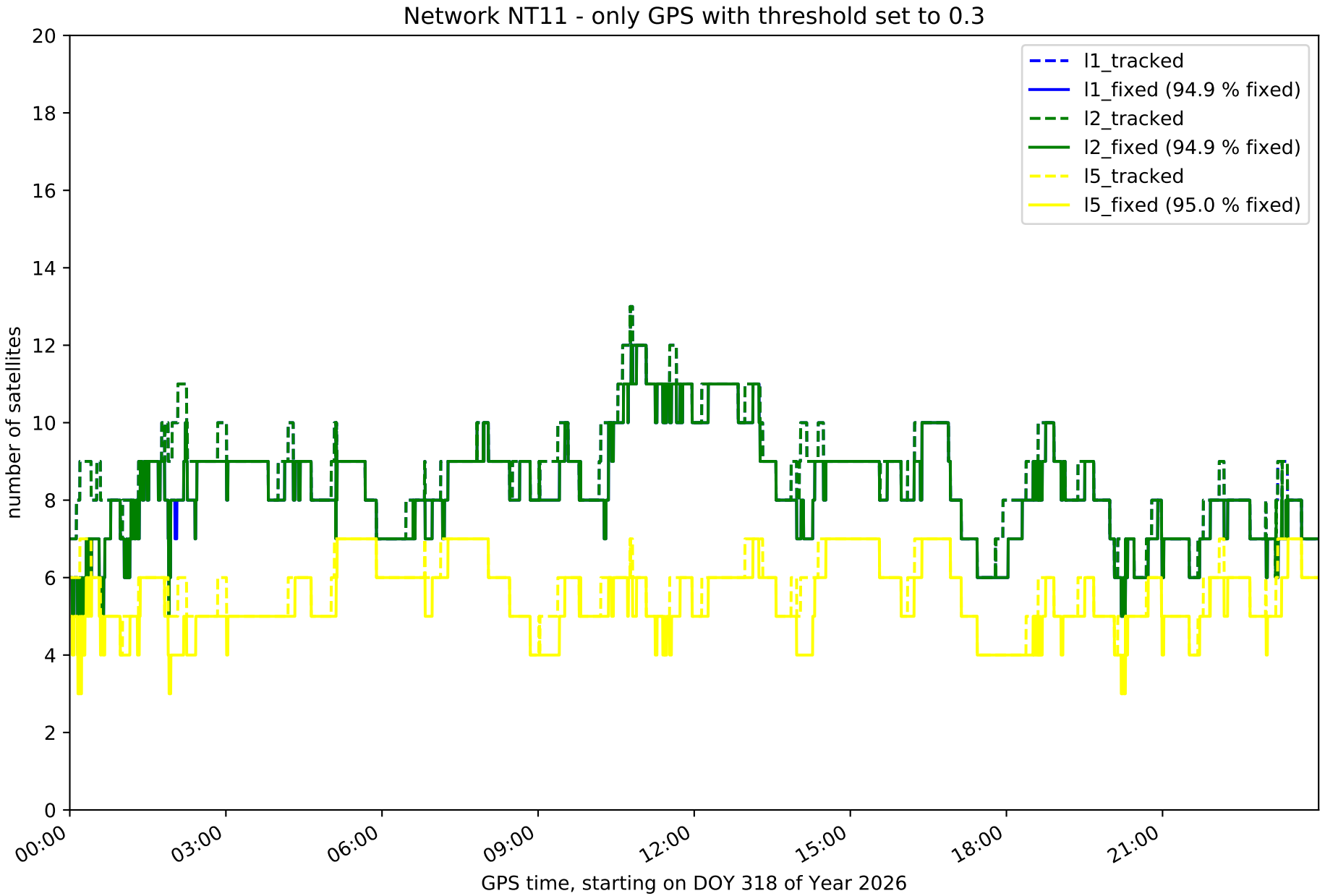
station ALOR:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 189.508
station CBON:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 57.319
station EIVI:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 132.126
station FORM:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 99.577
station IBIZ:	antenna: TPSCR3_GGD	CONE	receiver: LEICA GR25	height: 59.944
station MALL:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 62.117
station SINE:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 188.038
station SJO1:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 59.876
station TRAU:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 606.077

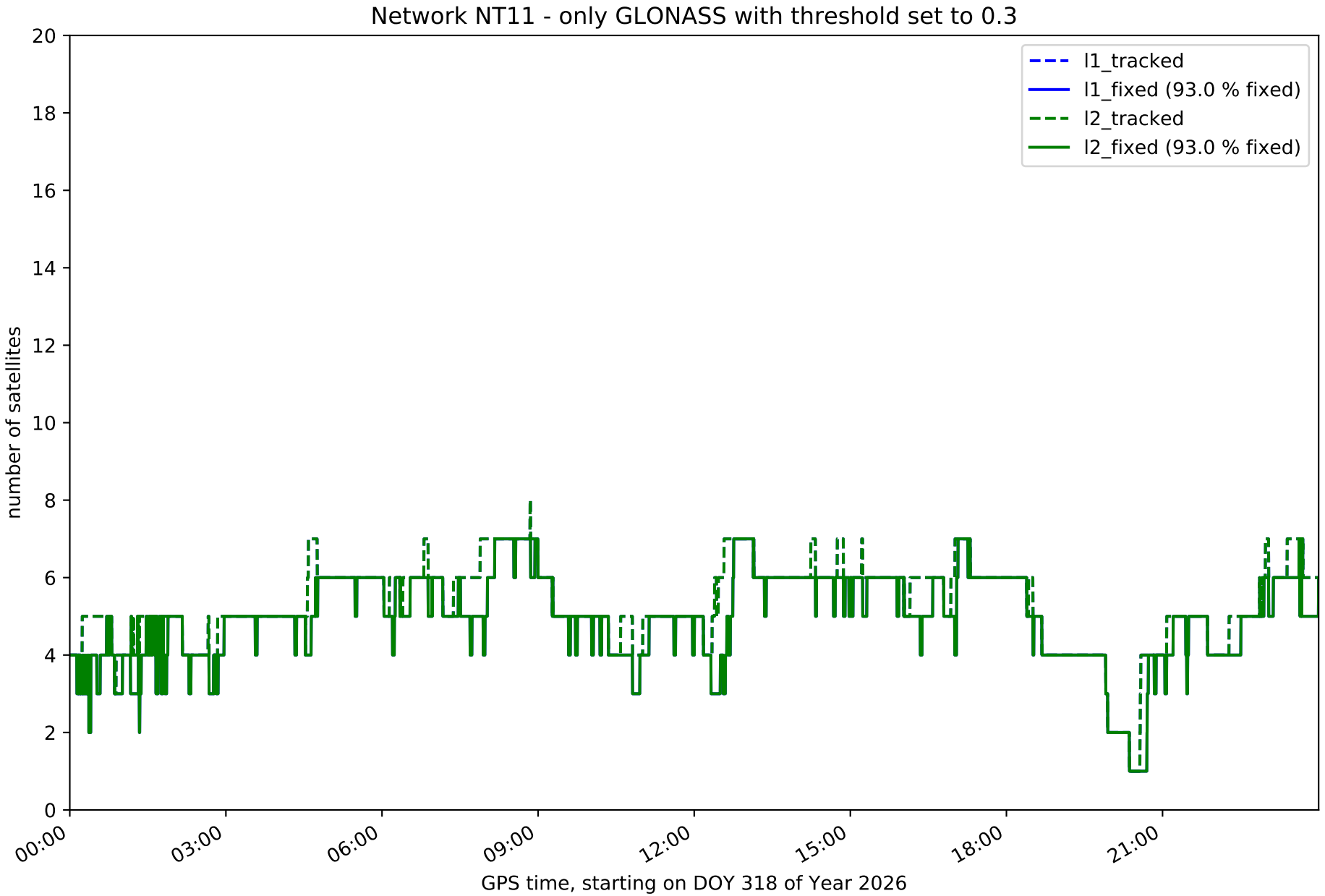

Processing rate in network NT11
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

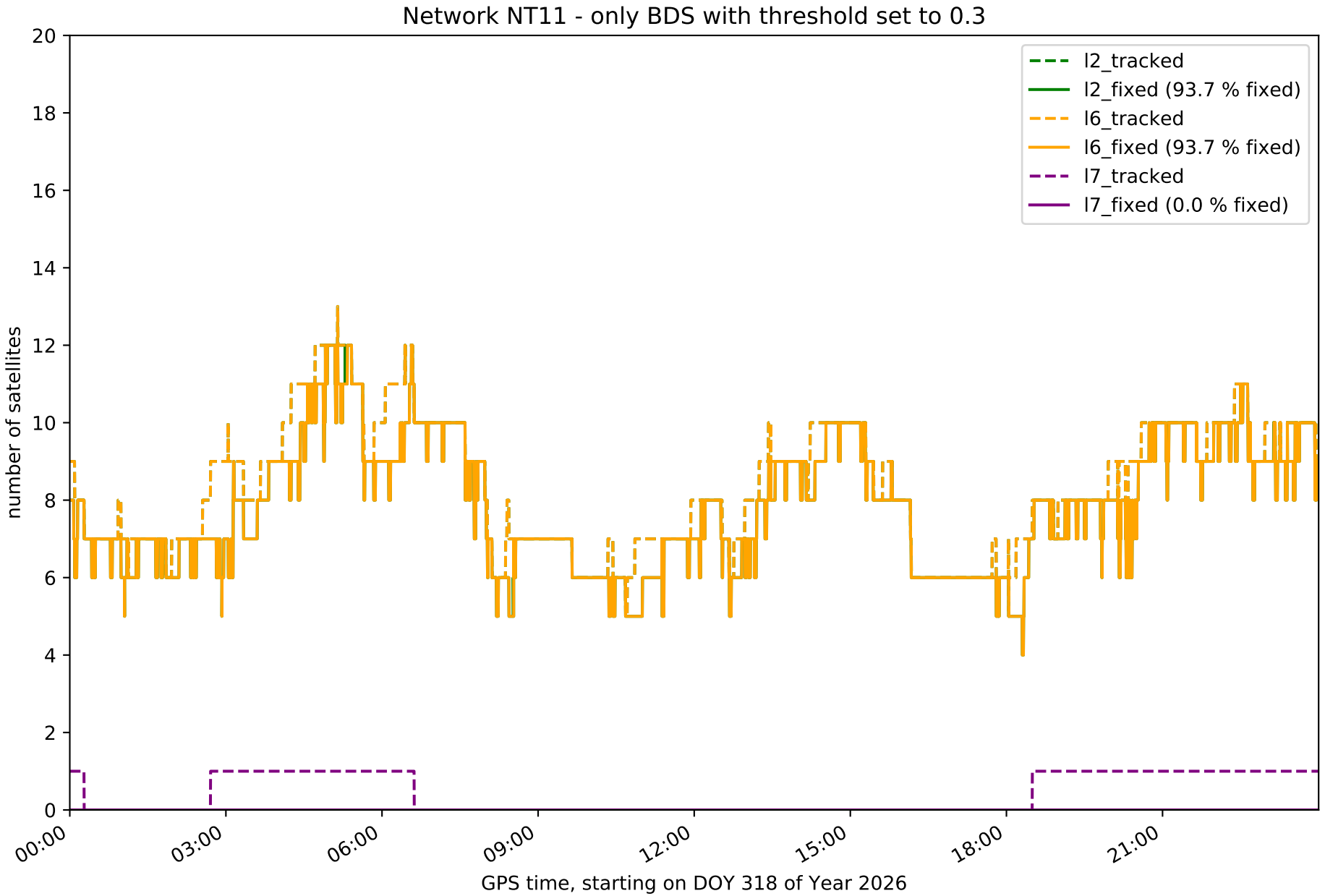

Histogram of the processing rate in network NT11 (durations larger 15 seconds neglected)
number of epochs
0
20000
40000
60000
80000
1
2
3
4
5
6
time difference to next processed epoch [s]

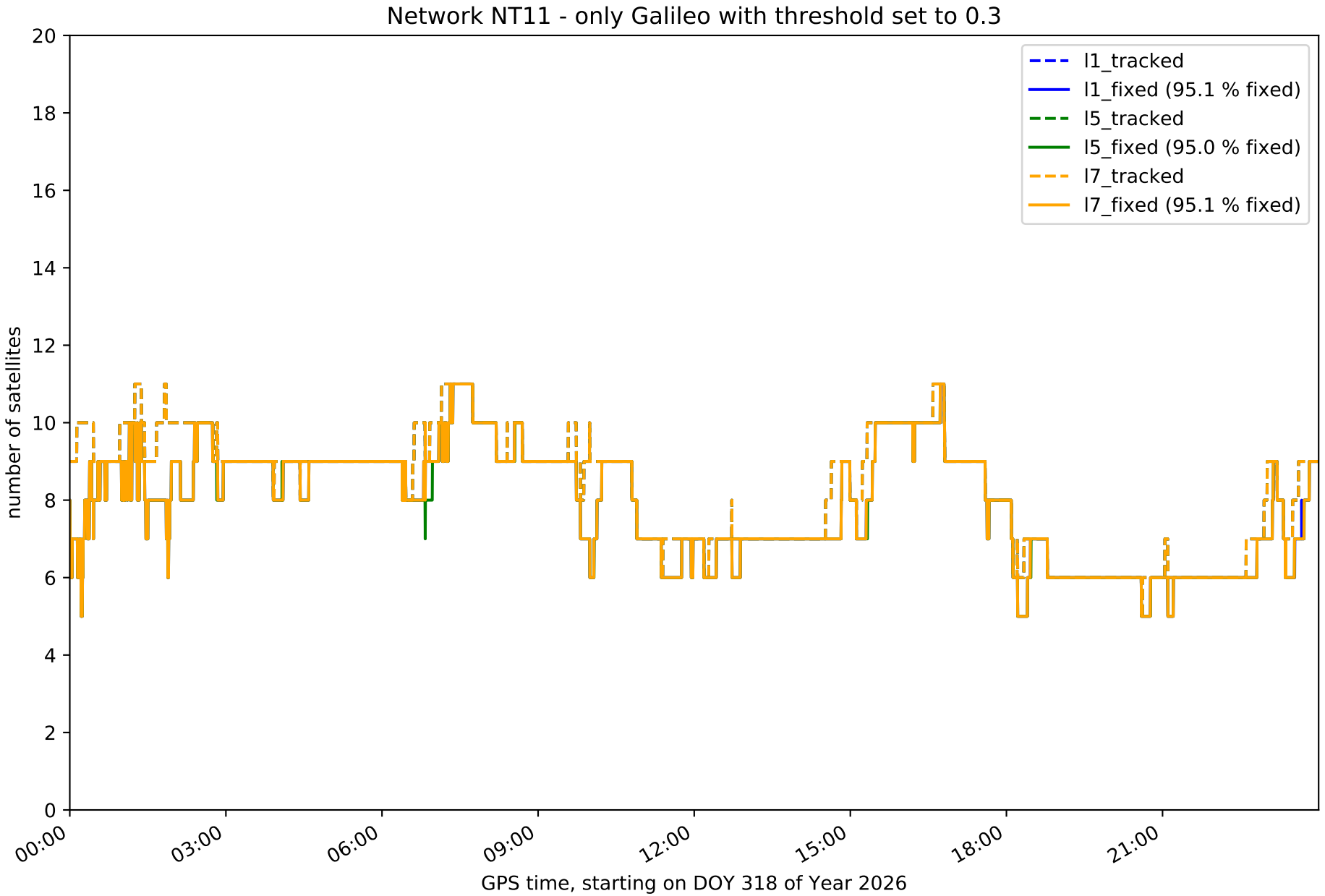

Network NT11 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

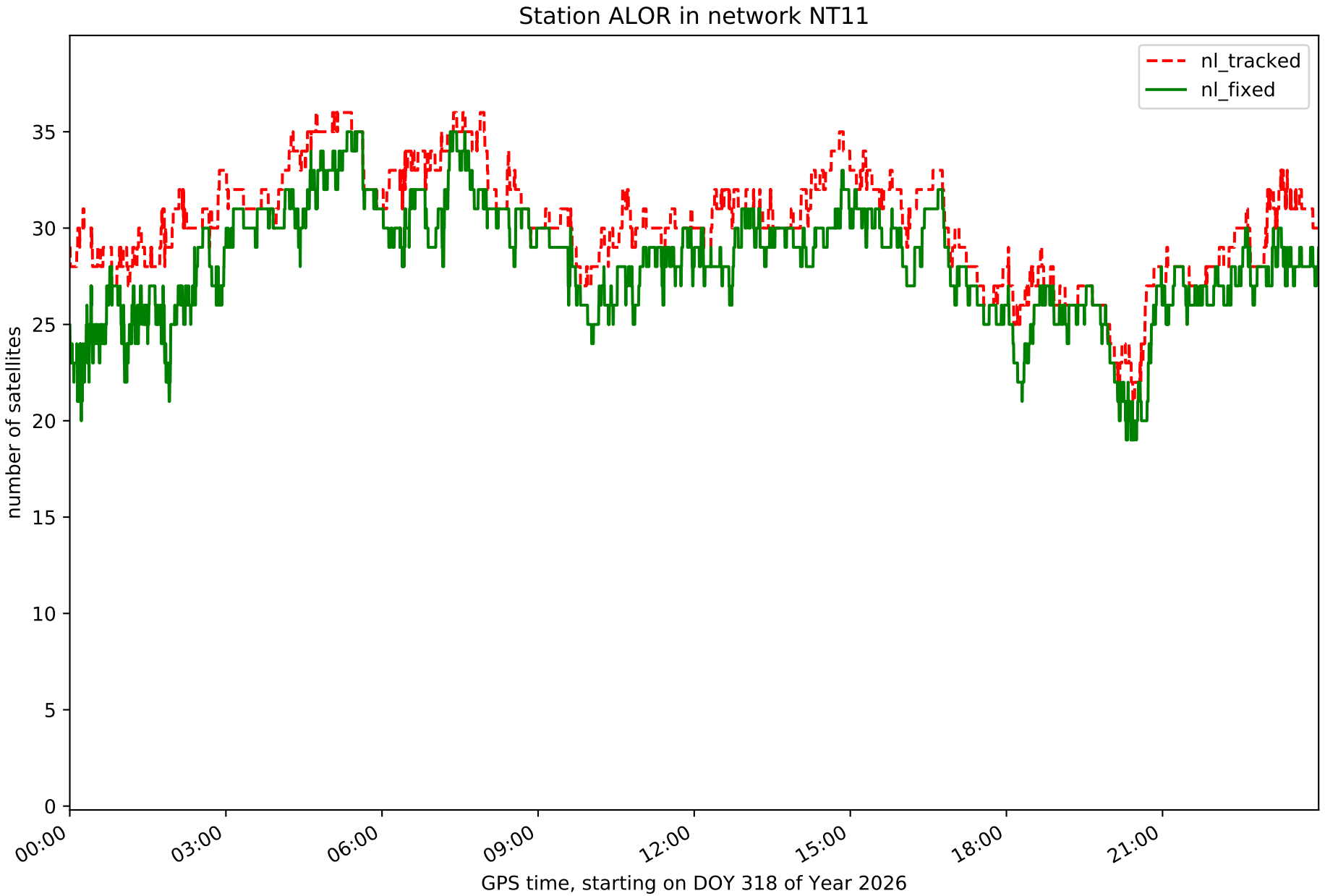

Fixing percentage of satellites in network NT11 with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

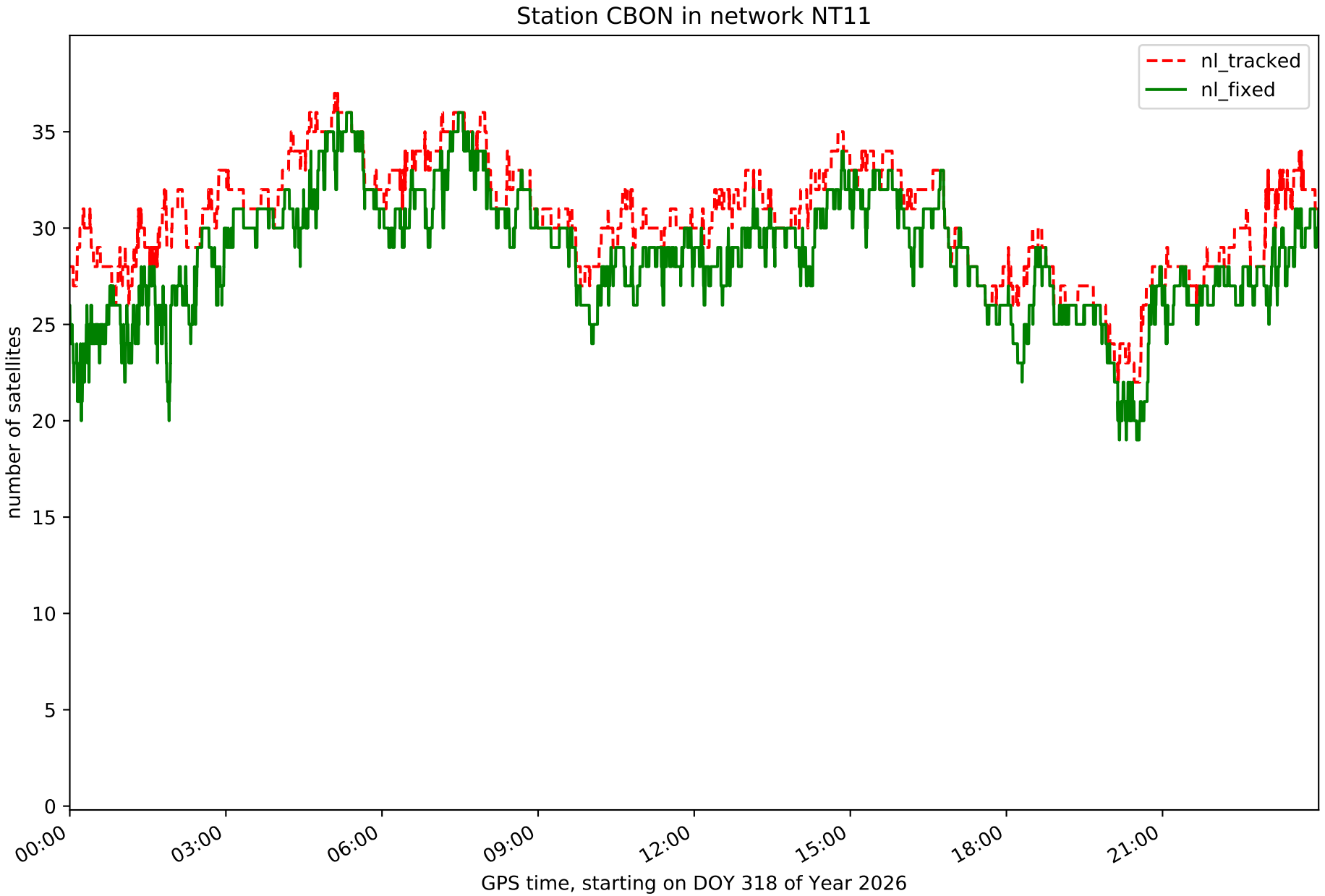

Network NT11 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 318 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (94.9 % fixed)
l2_tracked
l2_fixed (94.9 % fixed)
l5_tracked
l5_fixed (95.0 % fixed)

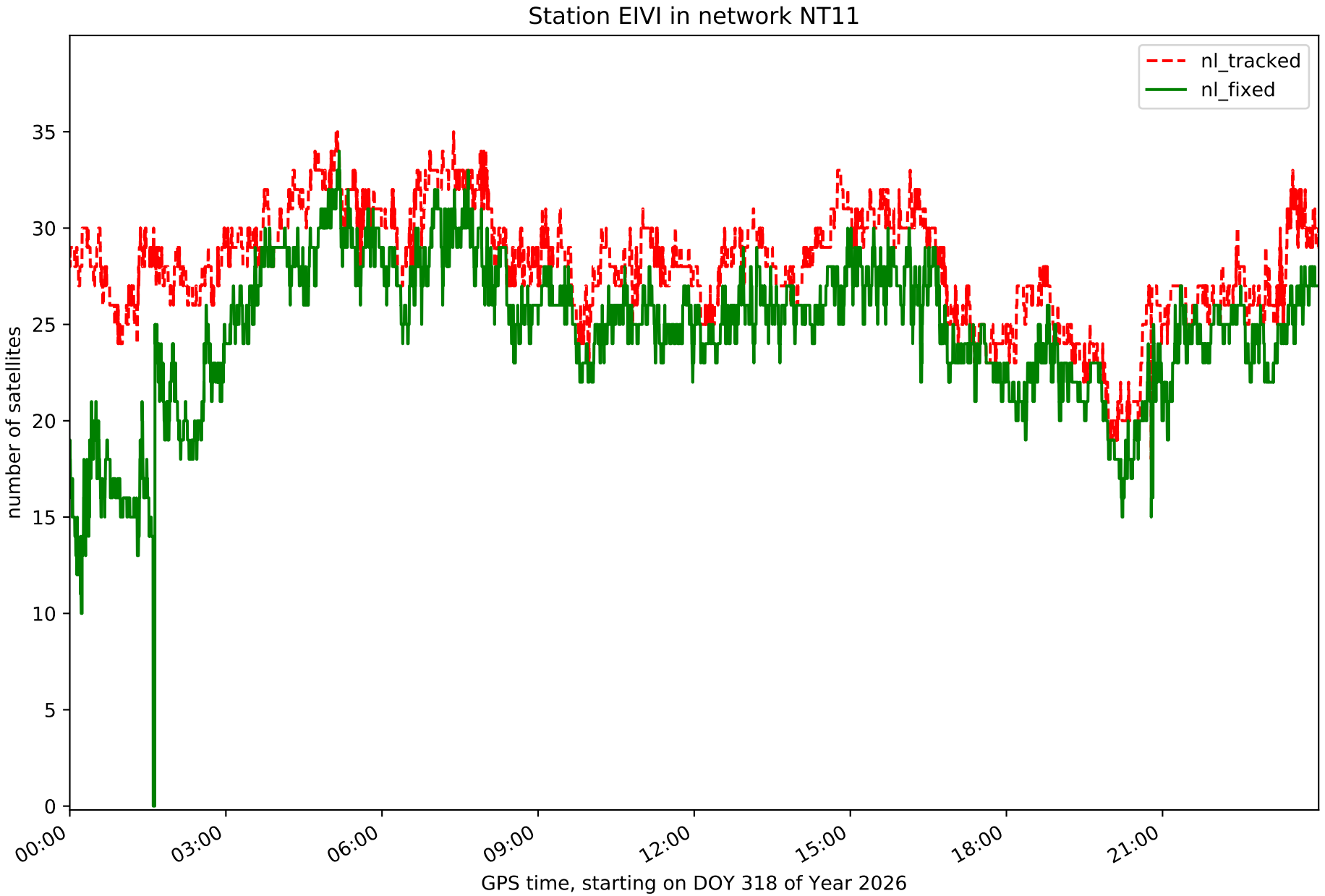

Network NT11 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (93.0 % fixed)
l2_tracked
l2_fixed (93.0 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

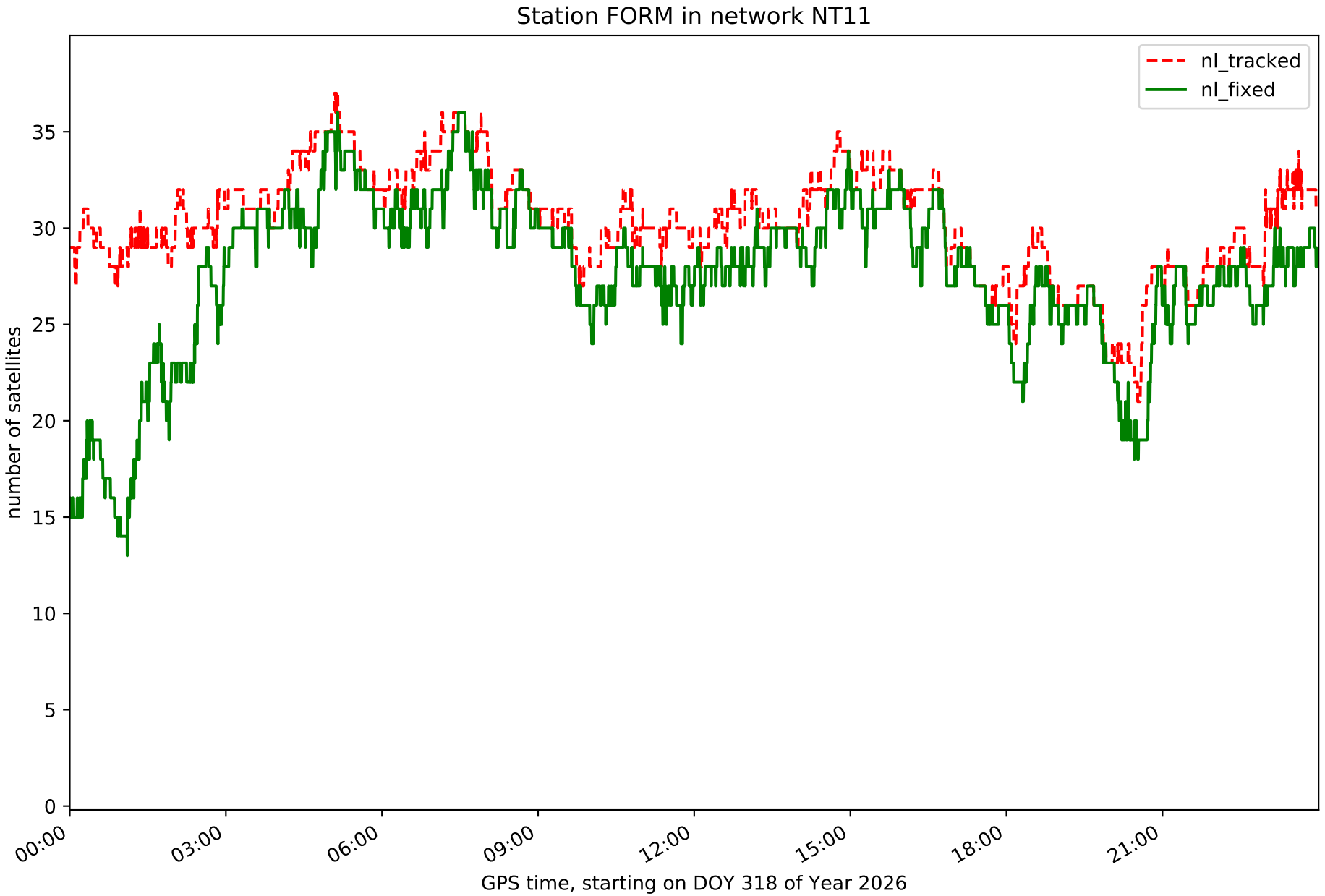

Network NT11 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 318 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (93.7 % fixed)
I6_tracked
I6_fixed (93.7 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

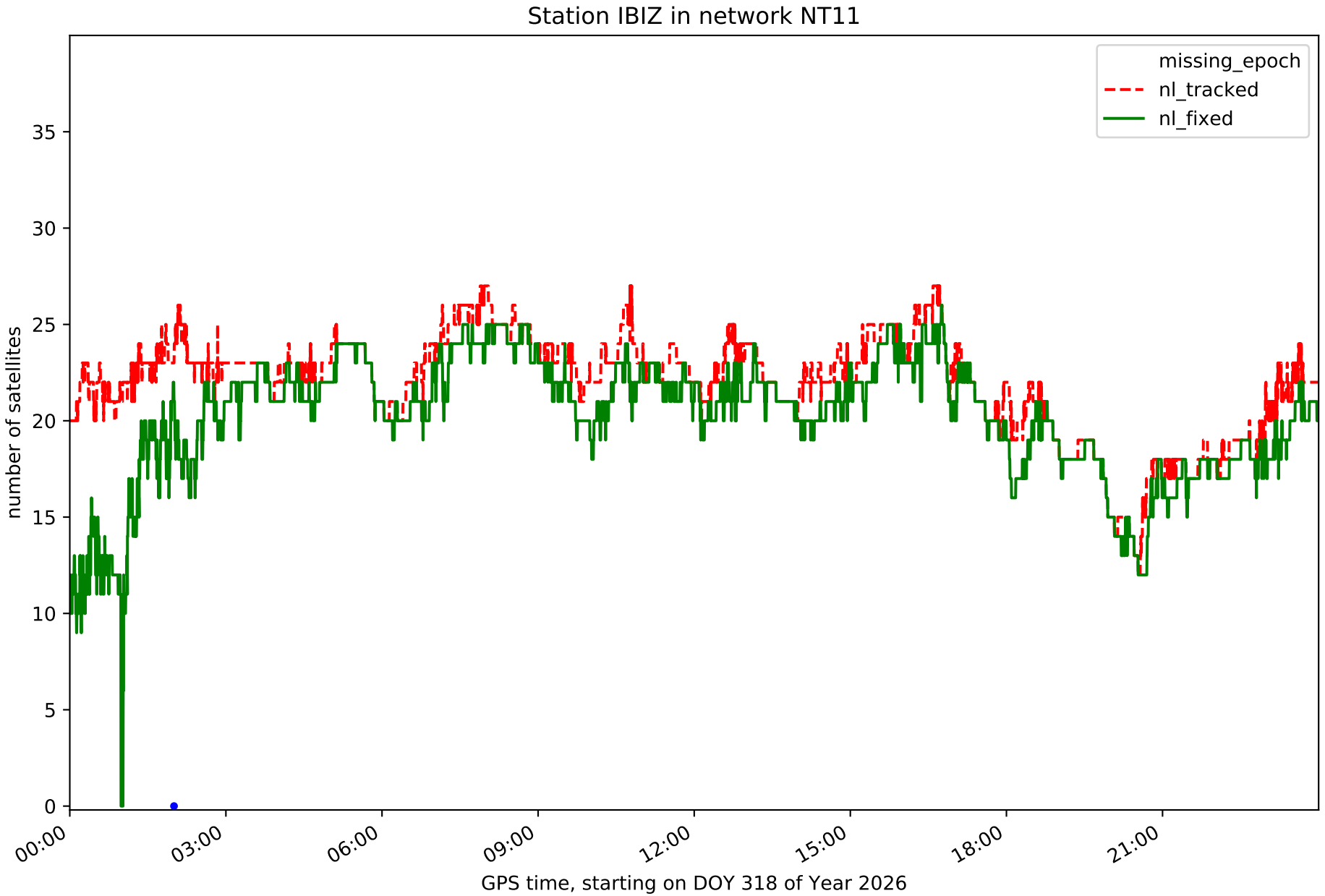

Network NT11 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 318 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (95.1 % fixed)
l5_tracked
l5_fixed (95.0 % fixed)
l7_tracked
l7_fixed (95.1 % fixed)

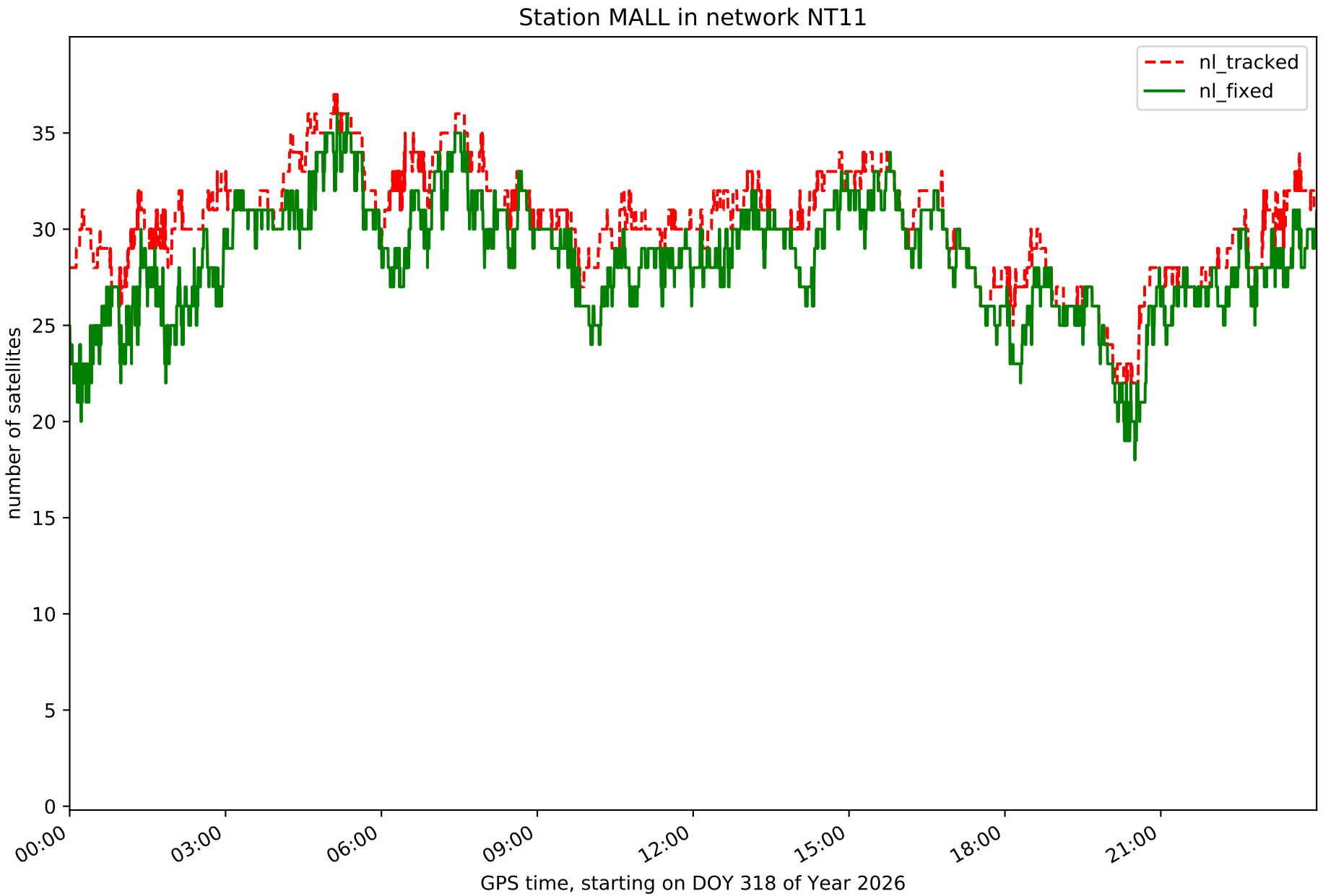

Station ALOR in network NT11
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

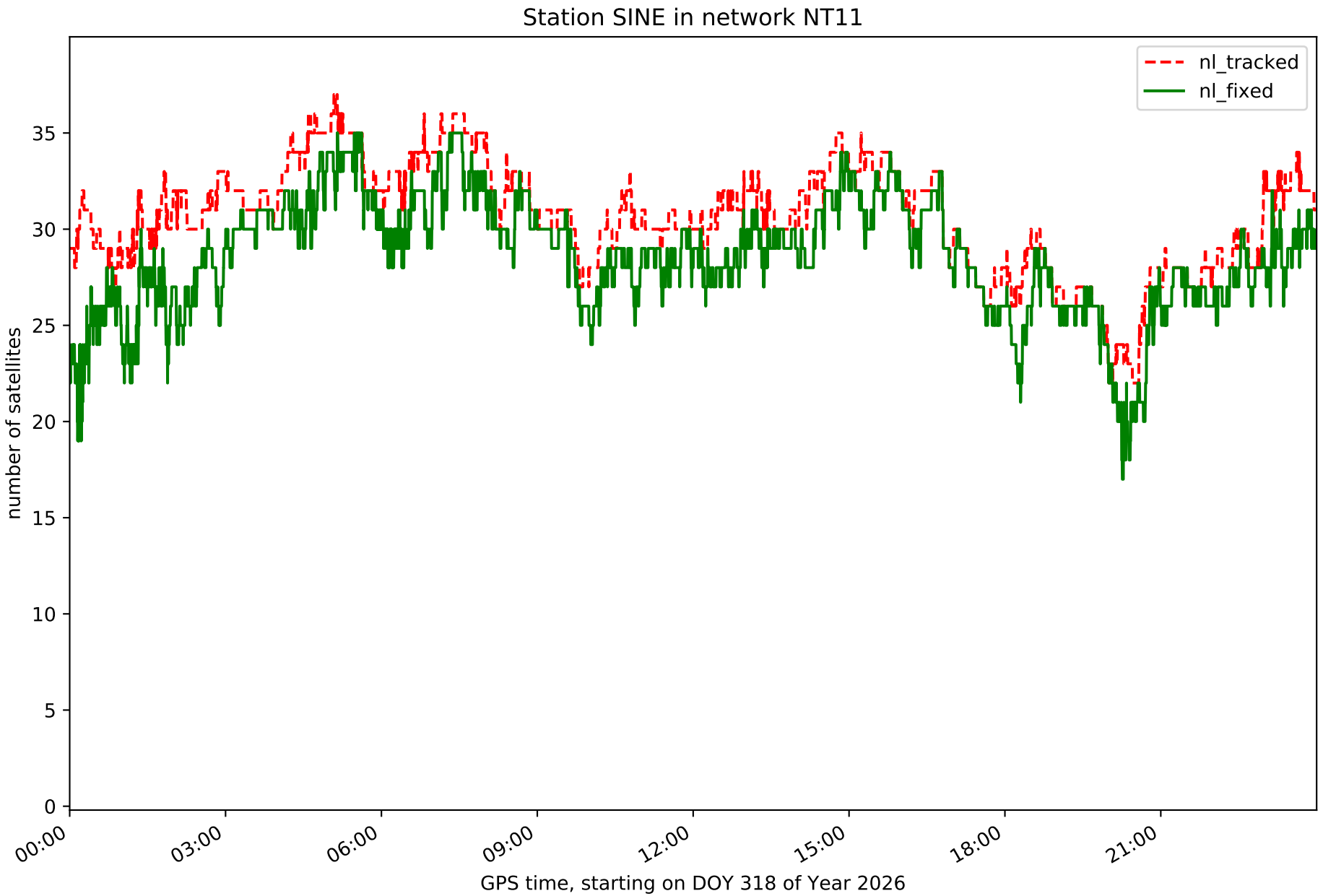

Station CBON in network NT11
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

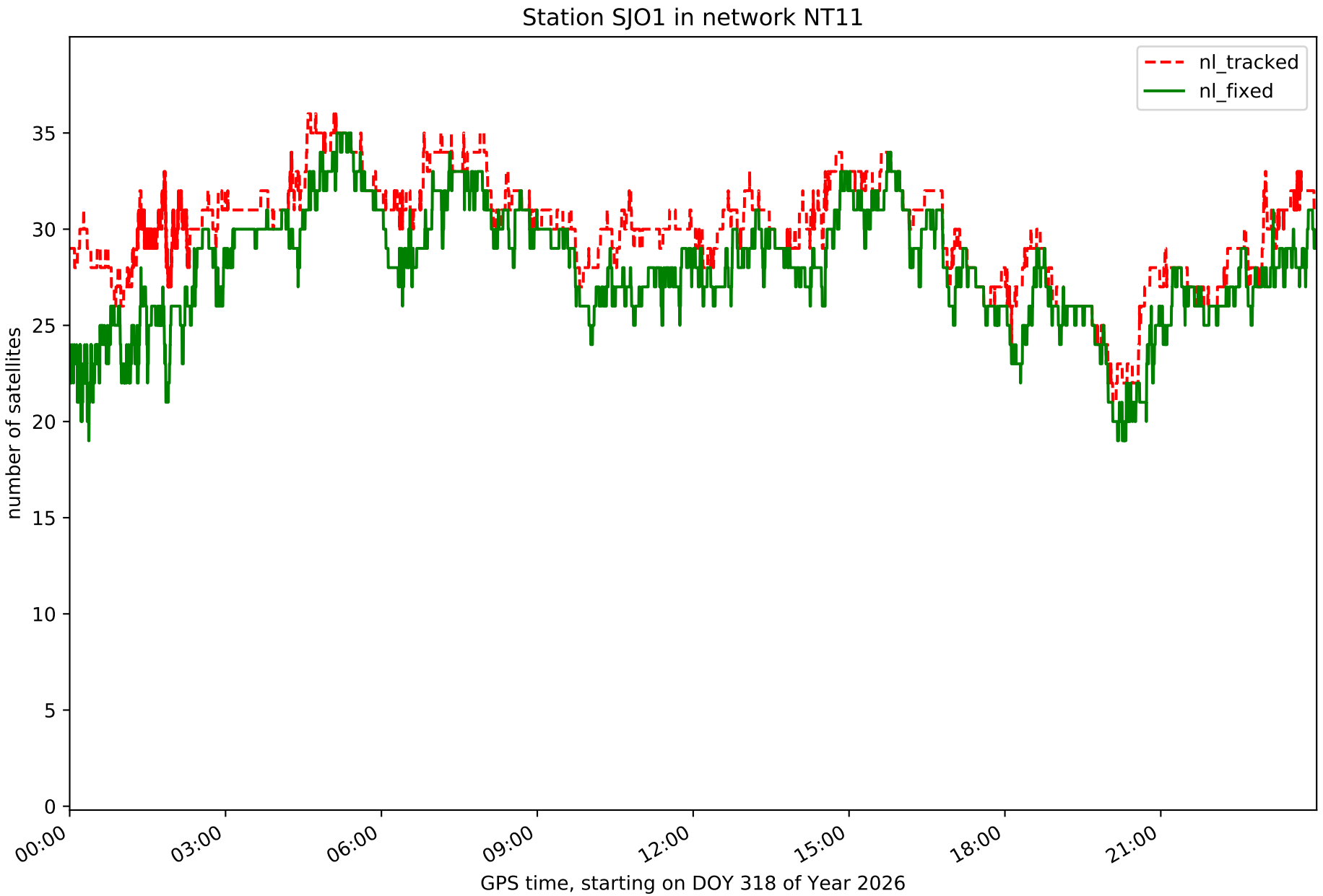

Station EIVI in network NT11
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

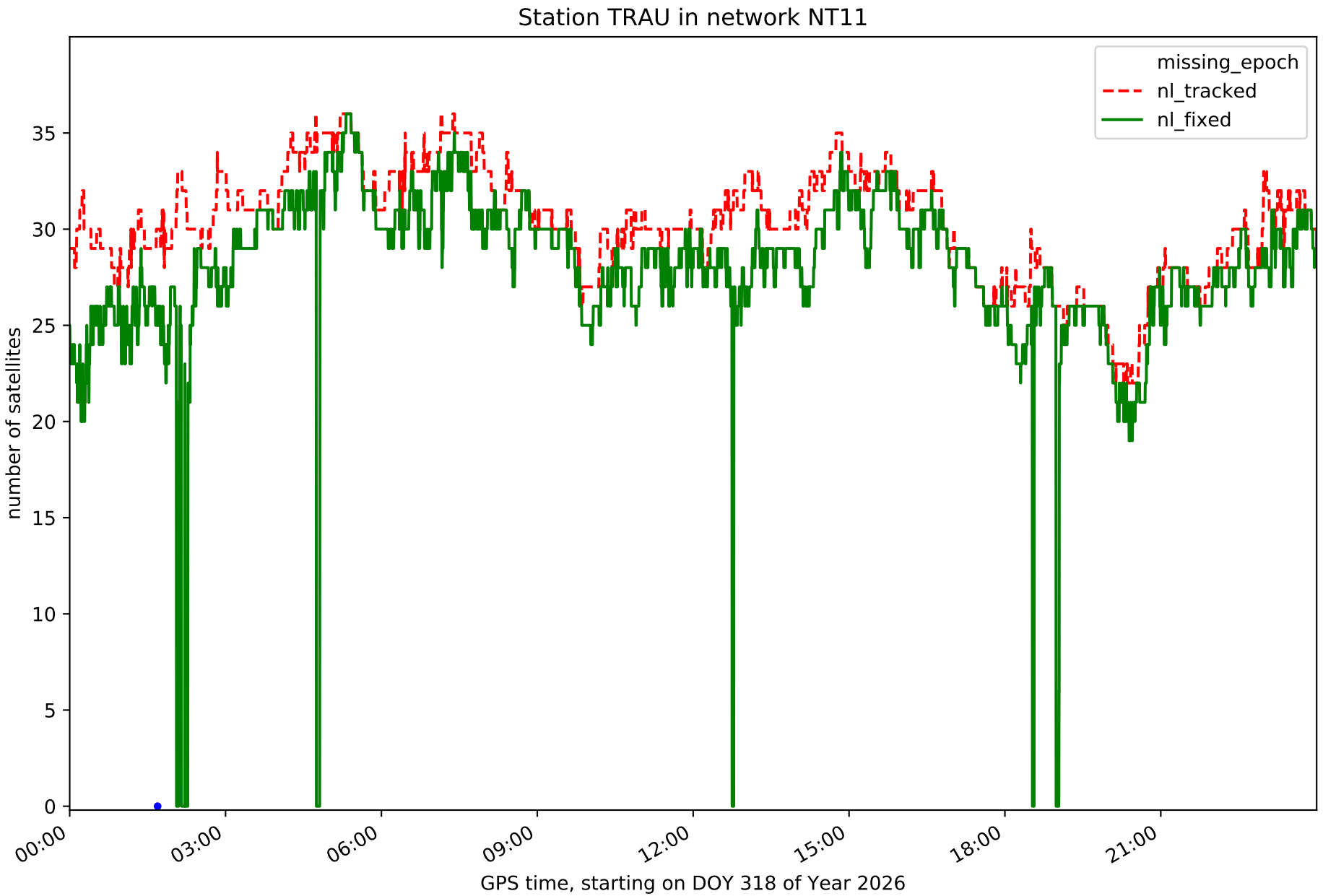

Station FORM in network NT11
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

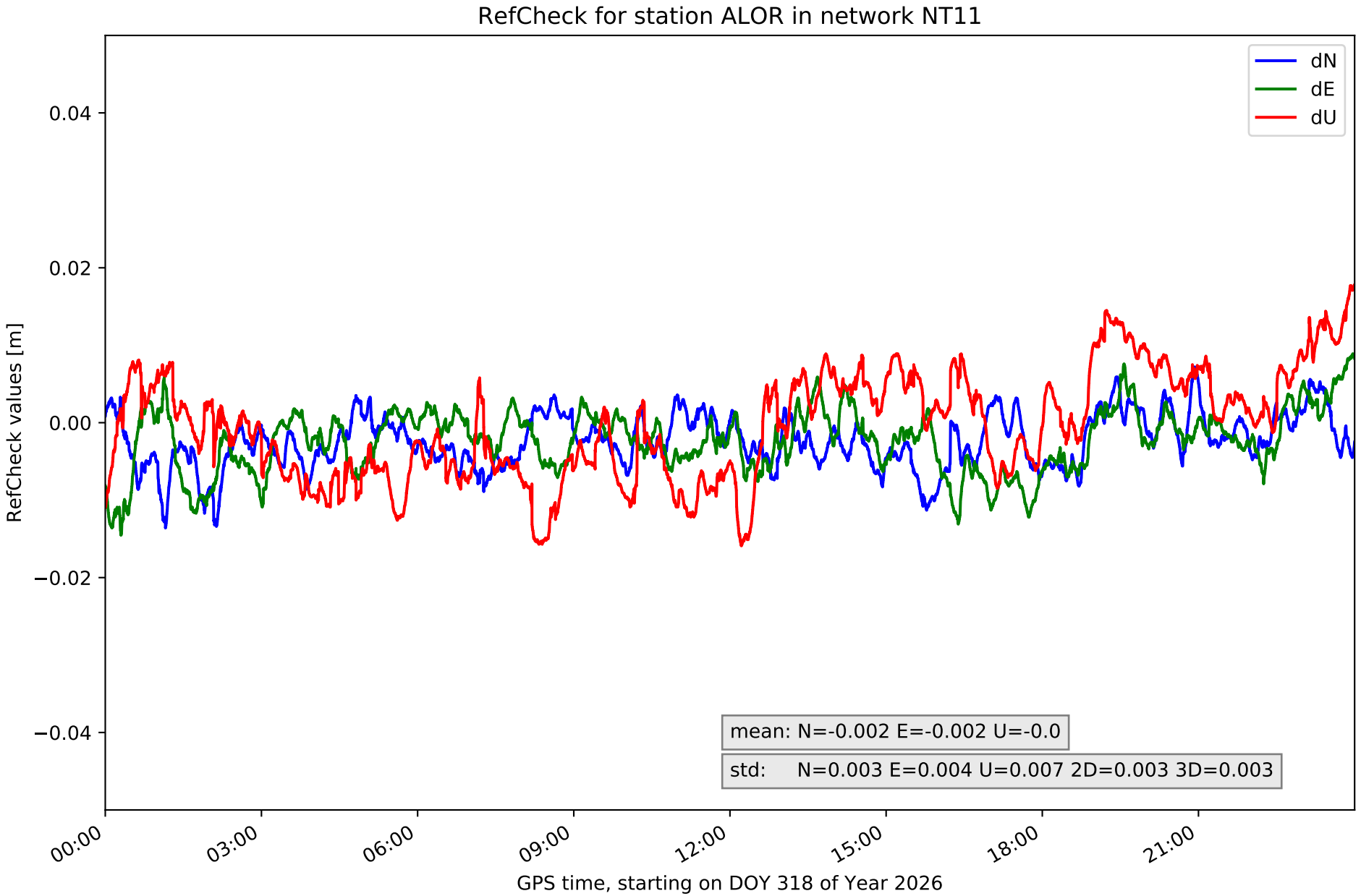

Station IBIZ in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

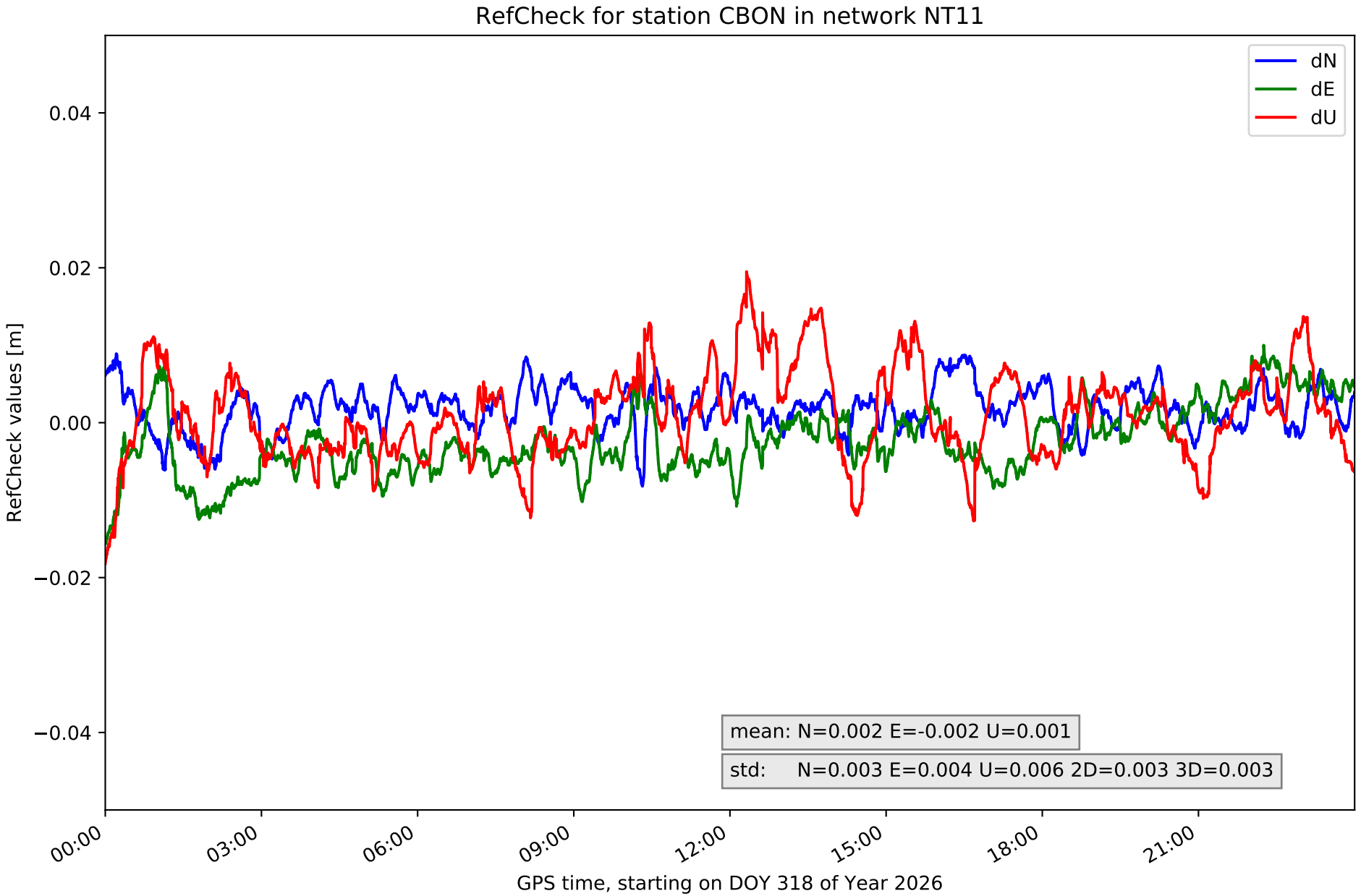

Station MALL in network NT11
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

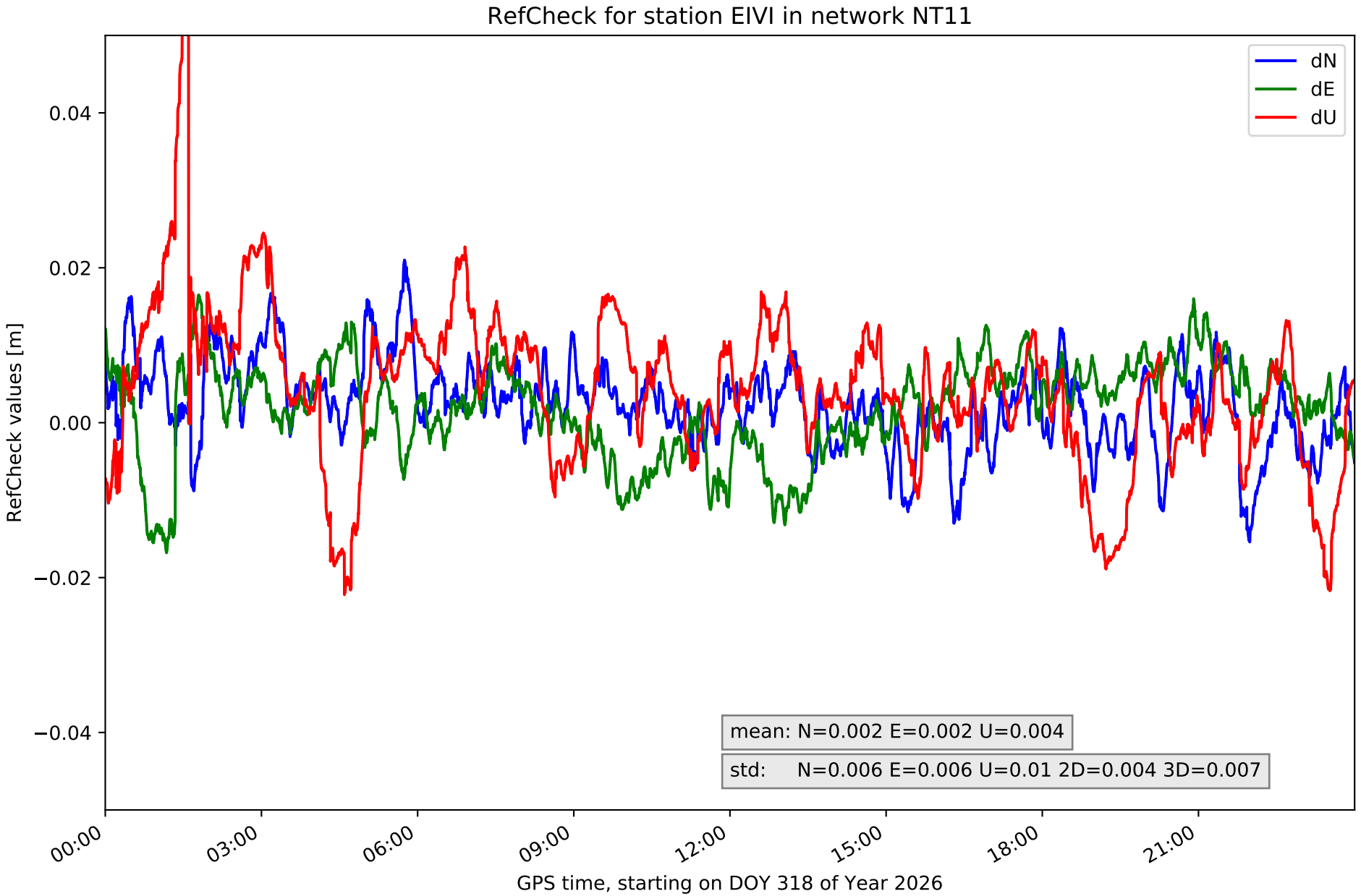

Station SINE in network NT11
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

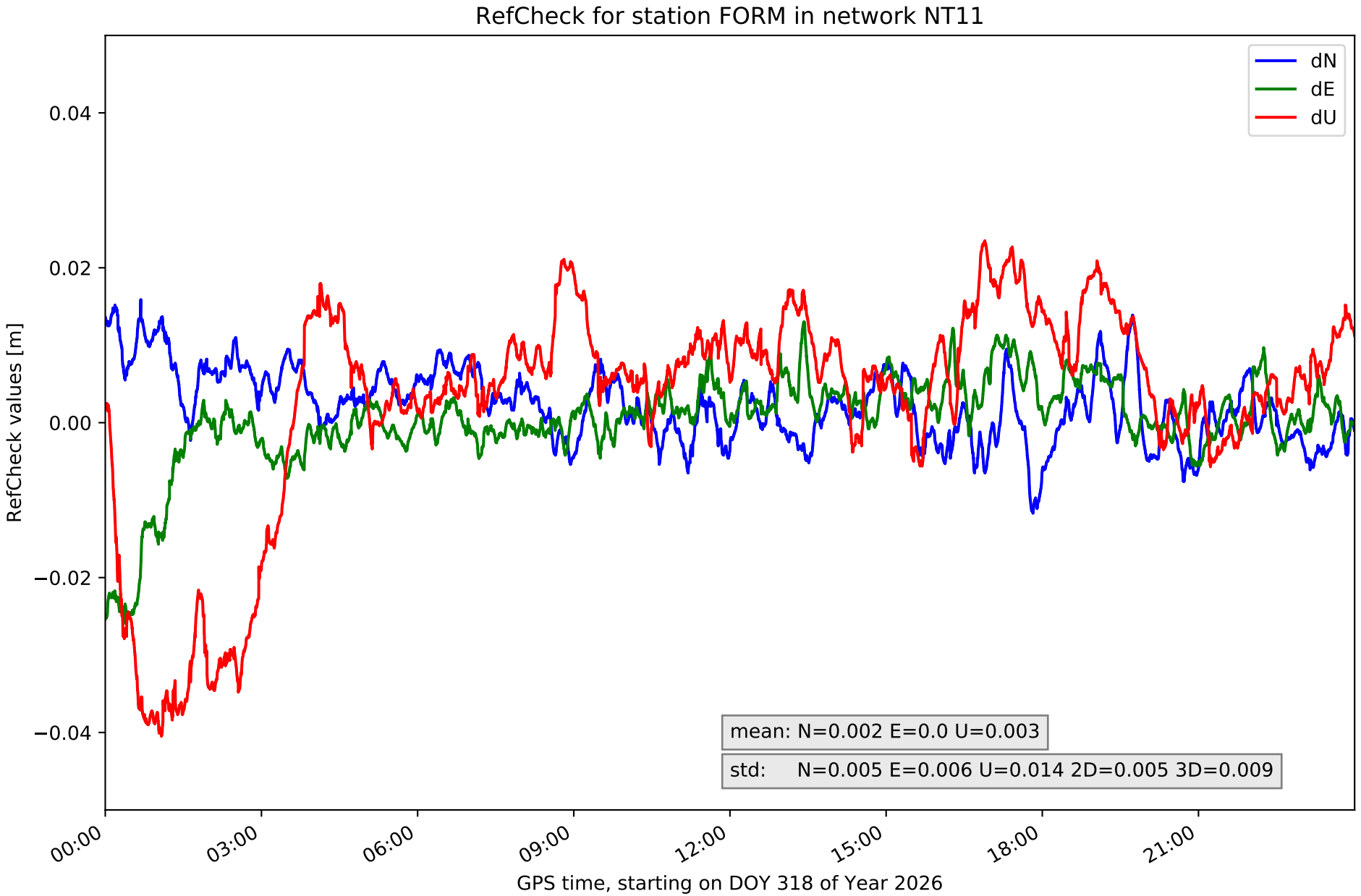

Station SJO1 in network NT11
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

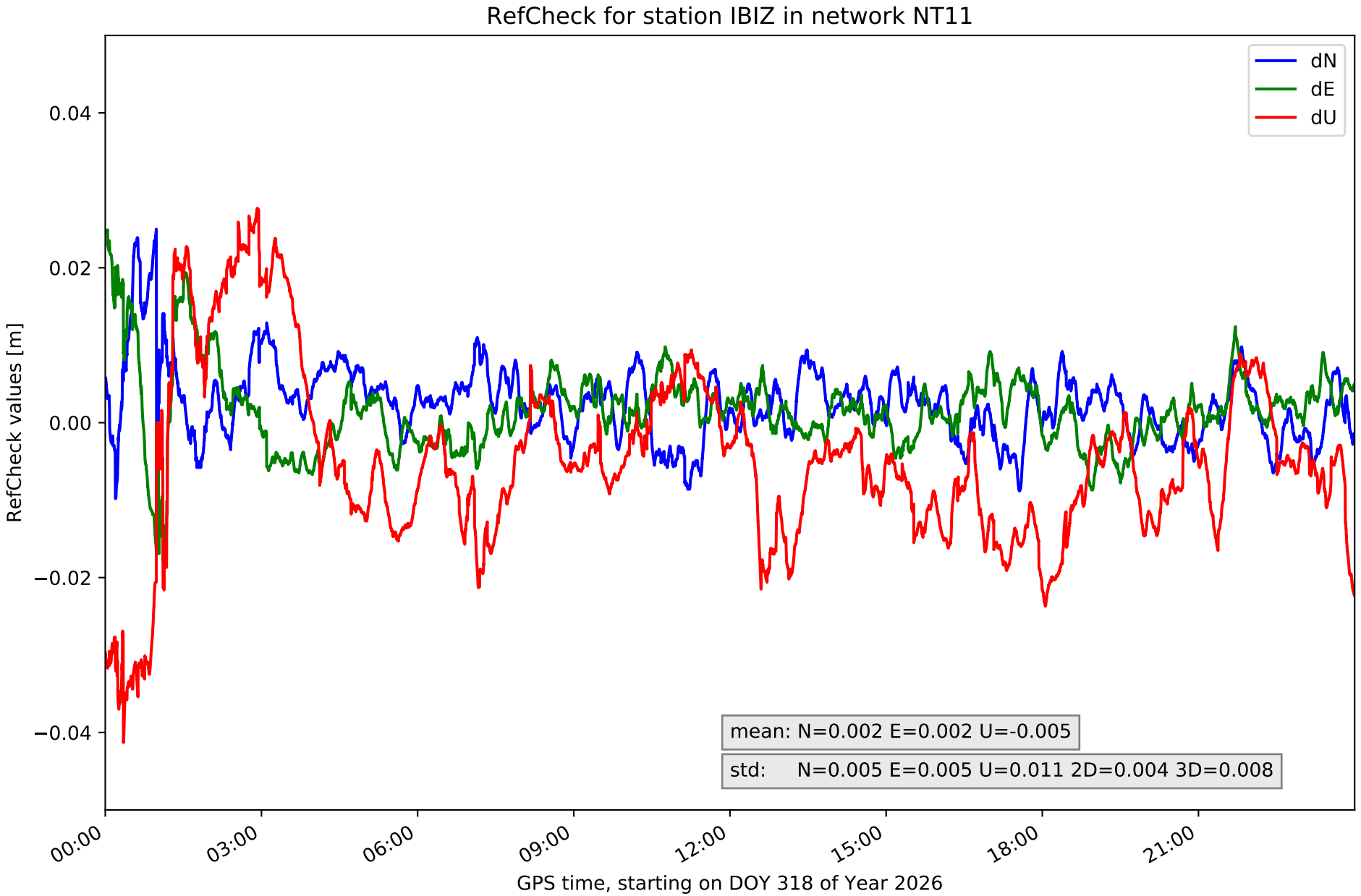

Station TRAU in network NT11
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

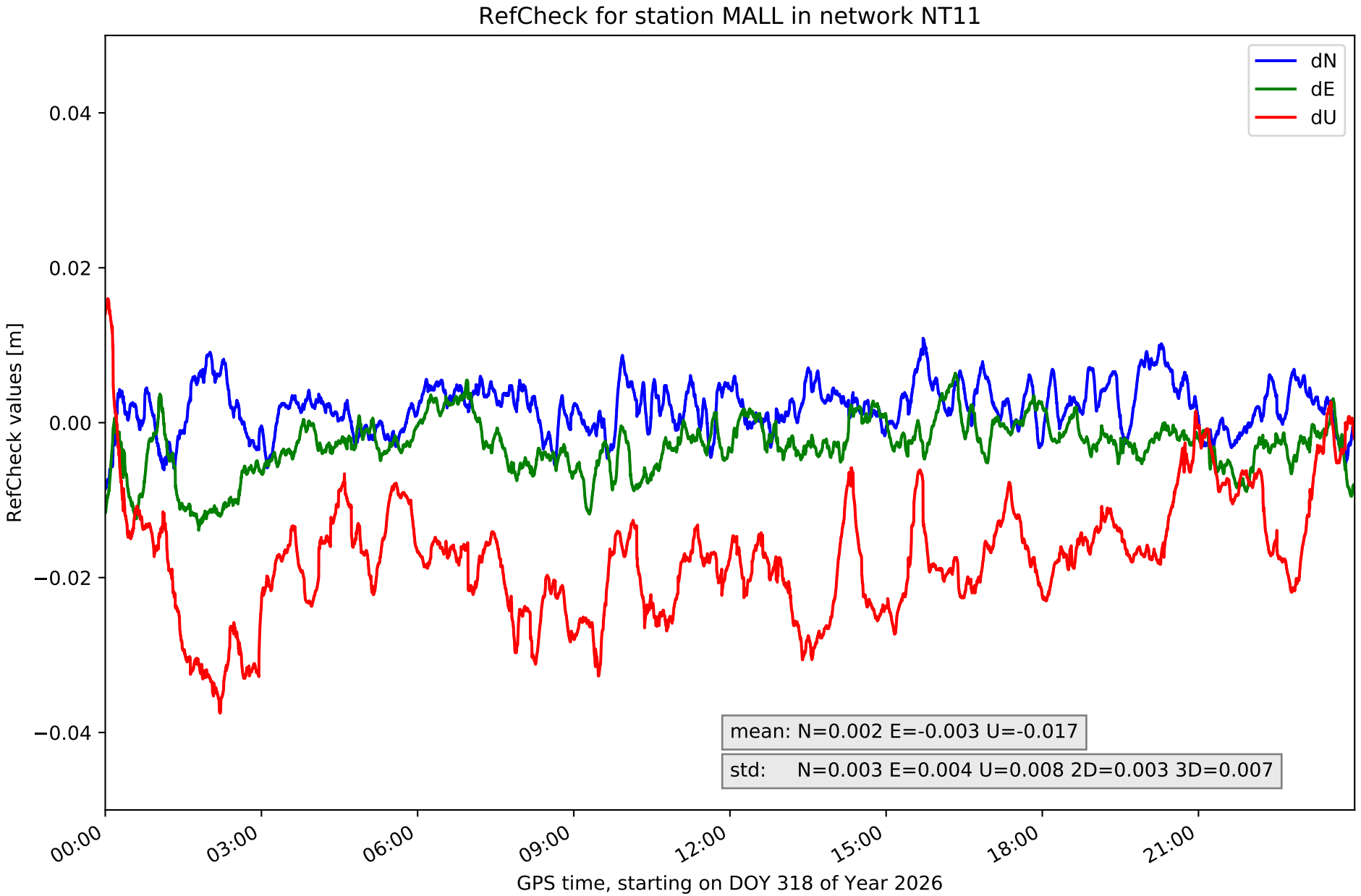

RefCheck for station ALOR in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.002 U=-0.0
std: N=0.003 E=0.004 U=0.007 2D=0.003 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

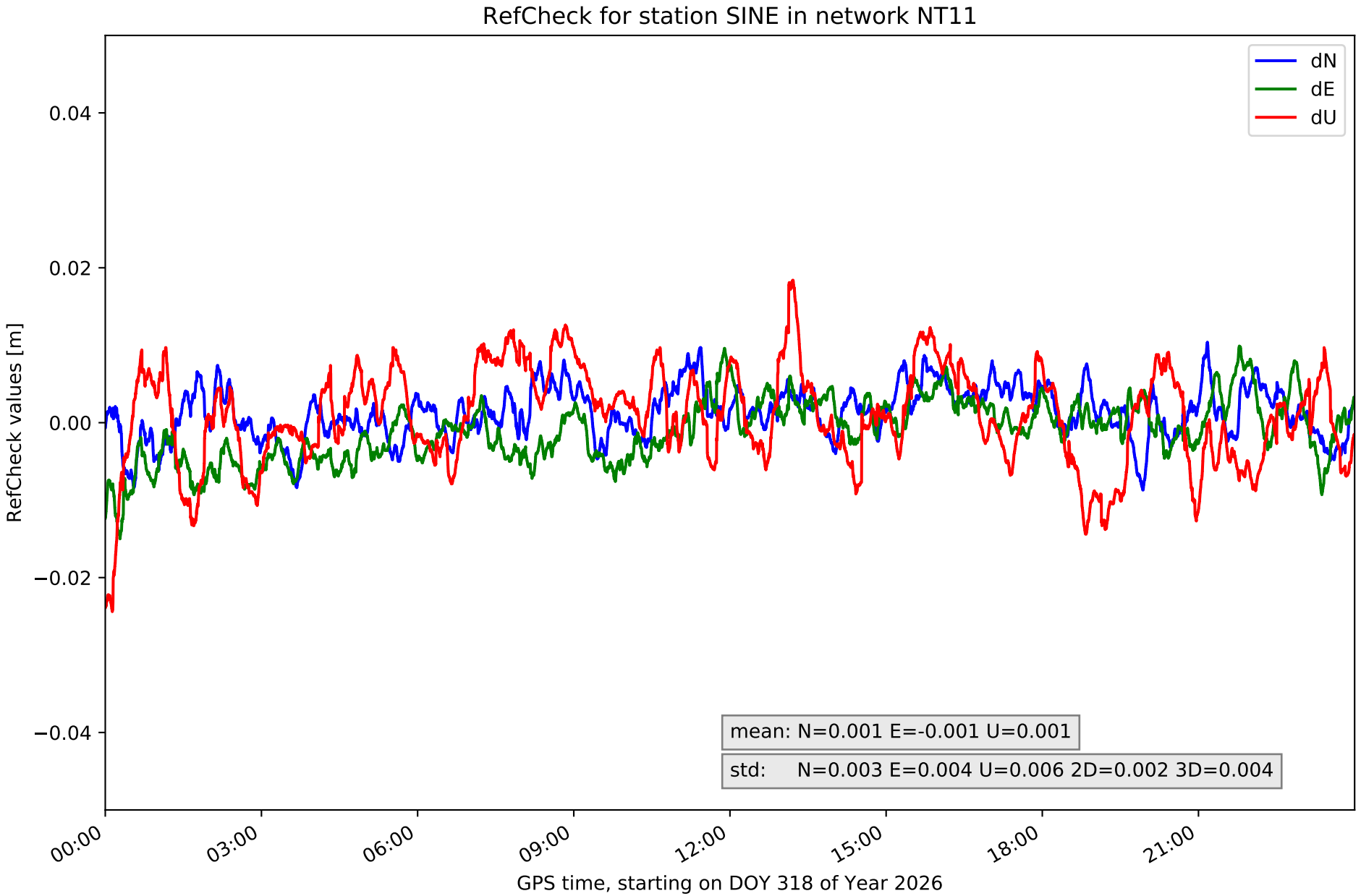

RefCheck for station CBON in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.002 U=0.001
std: N=0.003 E=0.004 U=0.006 2D=0.003 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

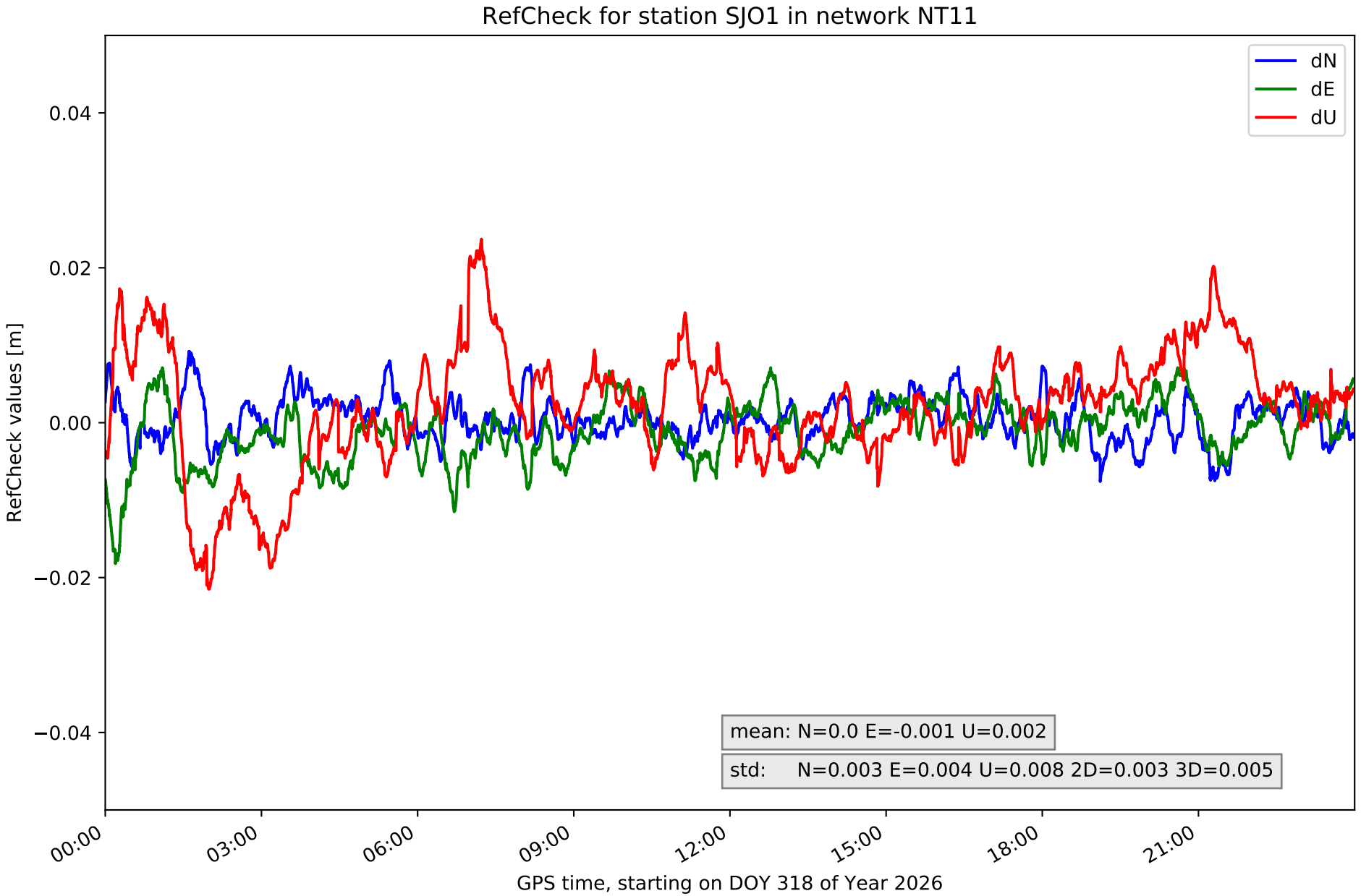

RefCheck for station EIVI in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.002 U=0.004
std: N=0.006 E=0.006 U=0.01 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

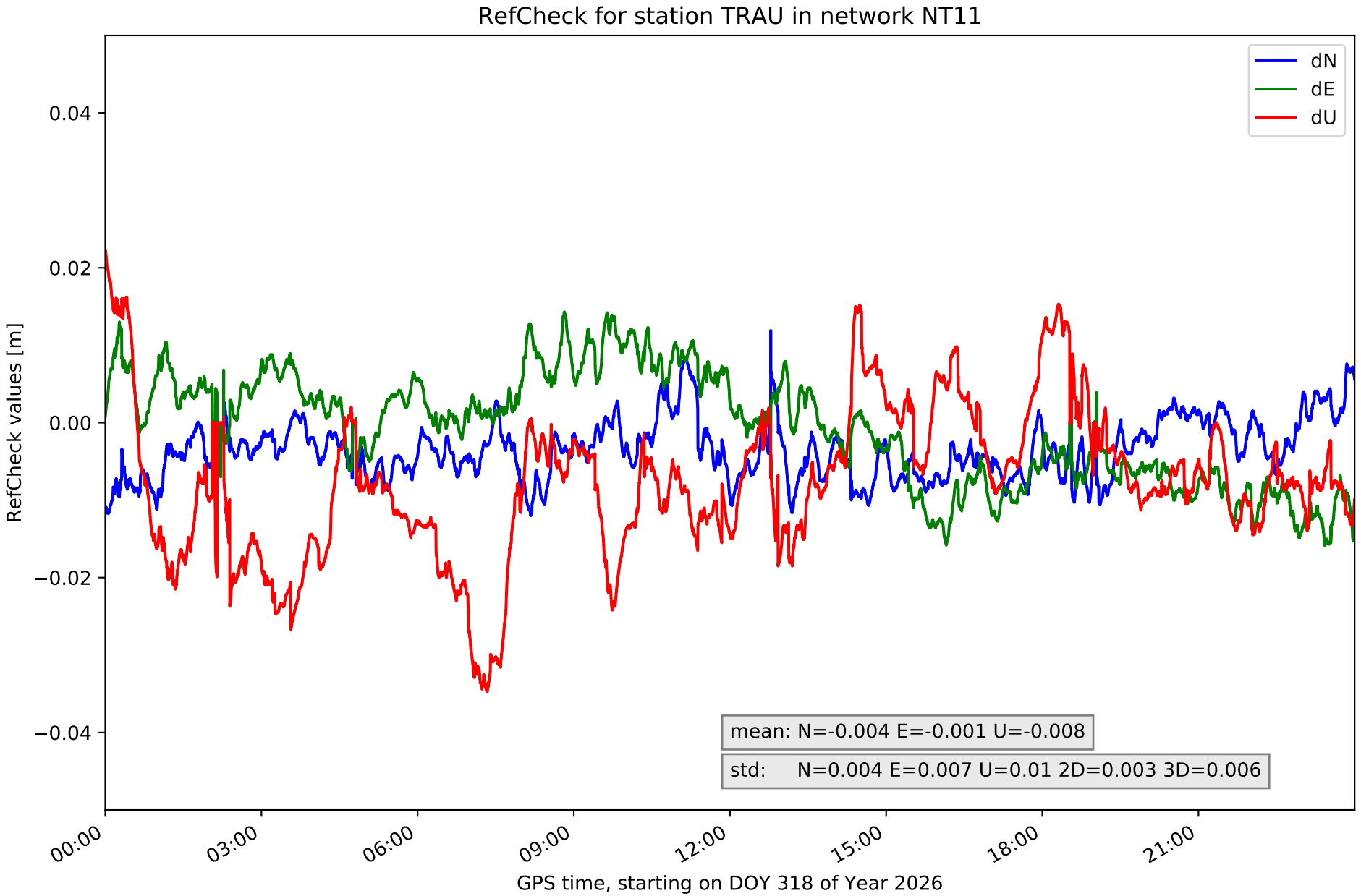

RefCheck for station FORM in network NT11
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.0 U=0.003
std: N=0.005 E=0.006 U=0.014 2D=0.005 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026


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=0.002 U=-0.005
std: N=0.005 E=0.005 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 318 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=-0.003 U=-0.017
std: N=0.003 E=0.004 U=0.008 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 318 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=0.001 E=-0.001 U=0.001
std: N=0.003 E=0.004 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 318 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=-0.001 U=0.002
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 318 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=-0.004 E=-0.001 U=-0.008
std: N=0.004 E=0.007 U=0.01 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 318 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	-0.014	0.007	0.003	-0.015	0.009	0.004	-0.016	0.018	0.007	0.003	0.003	8029	9.3	8	0.0
CBON	-0.008	0.009	0.003	-0.016	0.01	0.004	-0.018	0.019	0.006	0.003	0.003	3616	4.2	657	0.8
EIVI	**-0.015**	0.021	**0.006**	-0.017	0.017	0.006	-0.022	**0.057**	0.01	0.004	0.007	24939	28.9	8292	9.6
FORM	-0.012	0.016	0.005	**-0.026**	0.013	0.006	**-0.041**	0.024	**0.014**	**0.005**	**0.009**	9698	11.2	15570	18.0
IBIZ	-0.01	**0.025**	0.005	-0.018	**0.025**	0.005	**-0.041**	0.028	0.011	0.004	0.008	10009	11.6	11846	13.7
MALL	-0.009	0.011	0.003	-0.014	0.006	0.004	-0.037	0.016	0.008	0.003	0.007	5876	6.8	**32337**	**37.5**
SINE	-0.009	0.01	0.003	-0.015	0.01	0.004	-0.024	0.018	0.006	0.002	0.004	2498	2.9	749	0.9
SJO1	-0.008	0.009	0.003	-0.018	0.007	0.004	-0.021	0.024	0.008	0.003	0.005	2342	2.7	2887	3.3
TRAU	-0.012	0.012	0.004	-0.016	0.014	**0.007**	-0.035	0.022	0.01	0.003	0.006	**25091**	**29.1**	11087	12.8
Mean	**-0.011**	**0.013**	**0.004**	**-0.017**	**0.012**	**0.005**	**-0.028**	**0.025**	**0.009**	**0.003**	**0.006**	**10233.1**	**11.9**	**9270.3**	**10.7**
Min/Max	**-0.015**	**0.025**	**0.006**	**-0.026**	**0.025**	**0.007**	**-0.041**	**0.057**	**0.014**	**0.005**	**0.009**	**25091**	**29.1**	**32337**	**37.5**

fixing statistic for network NT11

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	94.3	94.9	93.0	95.1	93.7
considering satellites with dual-frequency fixed	92.0	92.9	90.4	92.9	91.1
considering all signals separately	91.8	93.1	90.5	92.9	89.0