summary for network NT13

timeperiod chosen: from 2025-09-05-00:00:00 until 2025-09-05-23:59:59

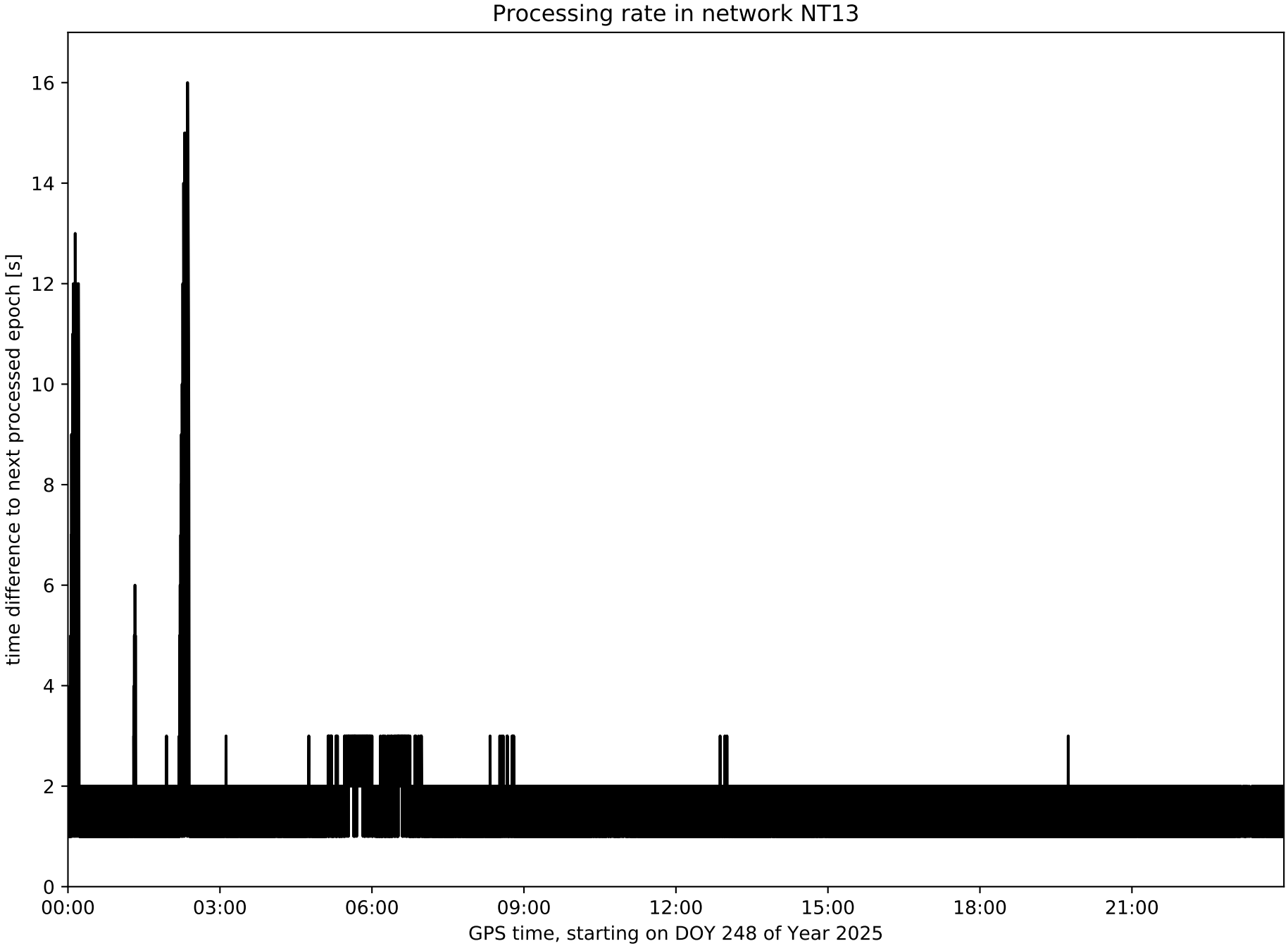
average update rate (durations larger than 15 seconds considered as observation gap): 1.2 seconds

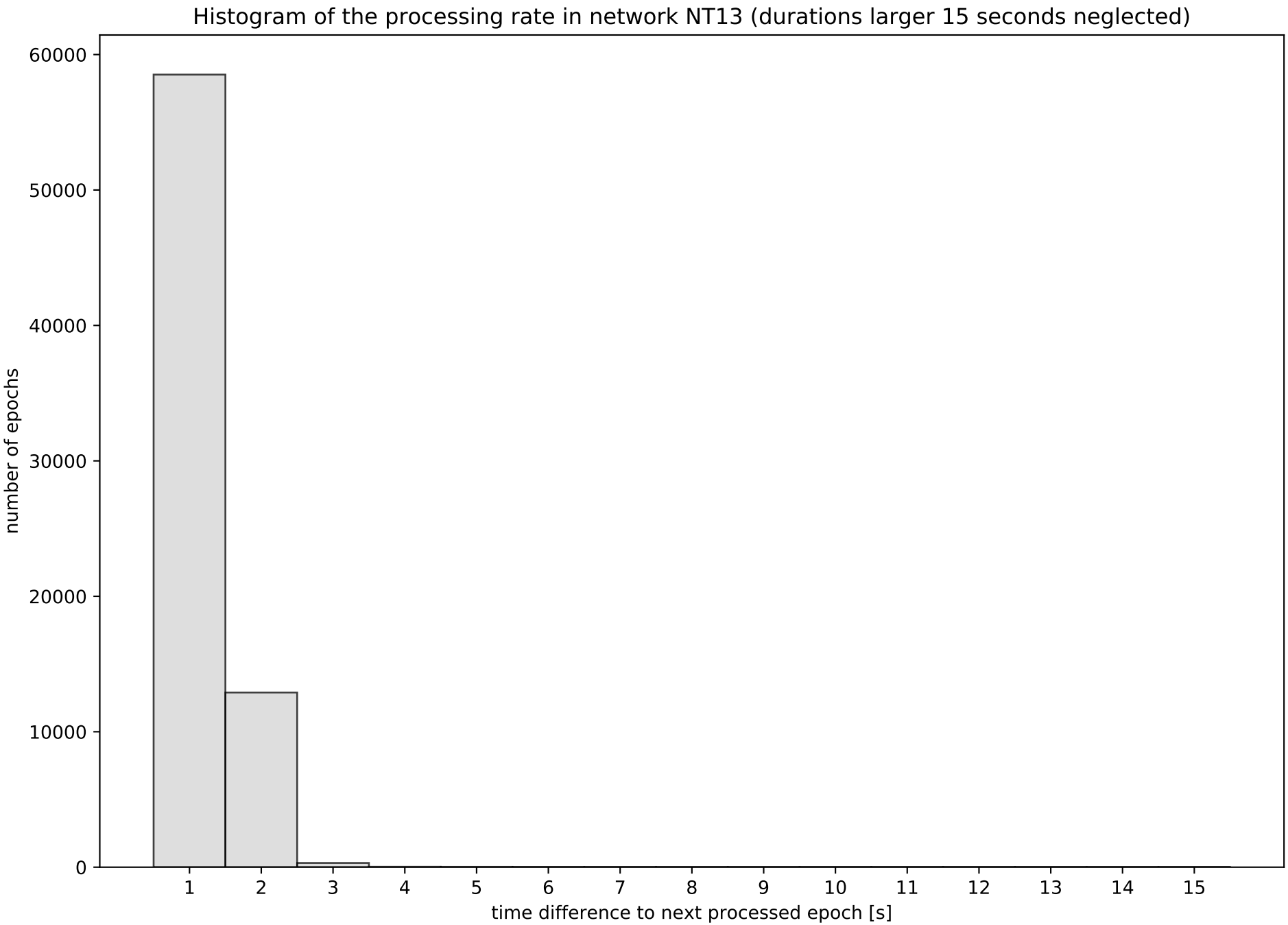
average fixing percentage with threshold set to 0.3: 93.8 percent

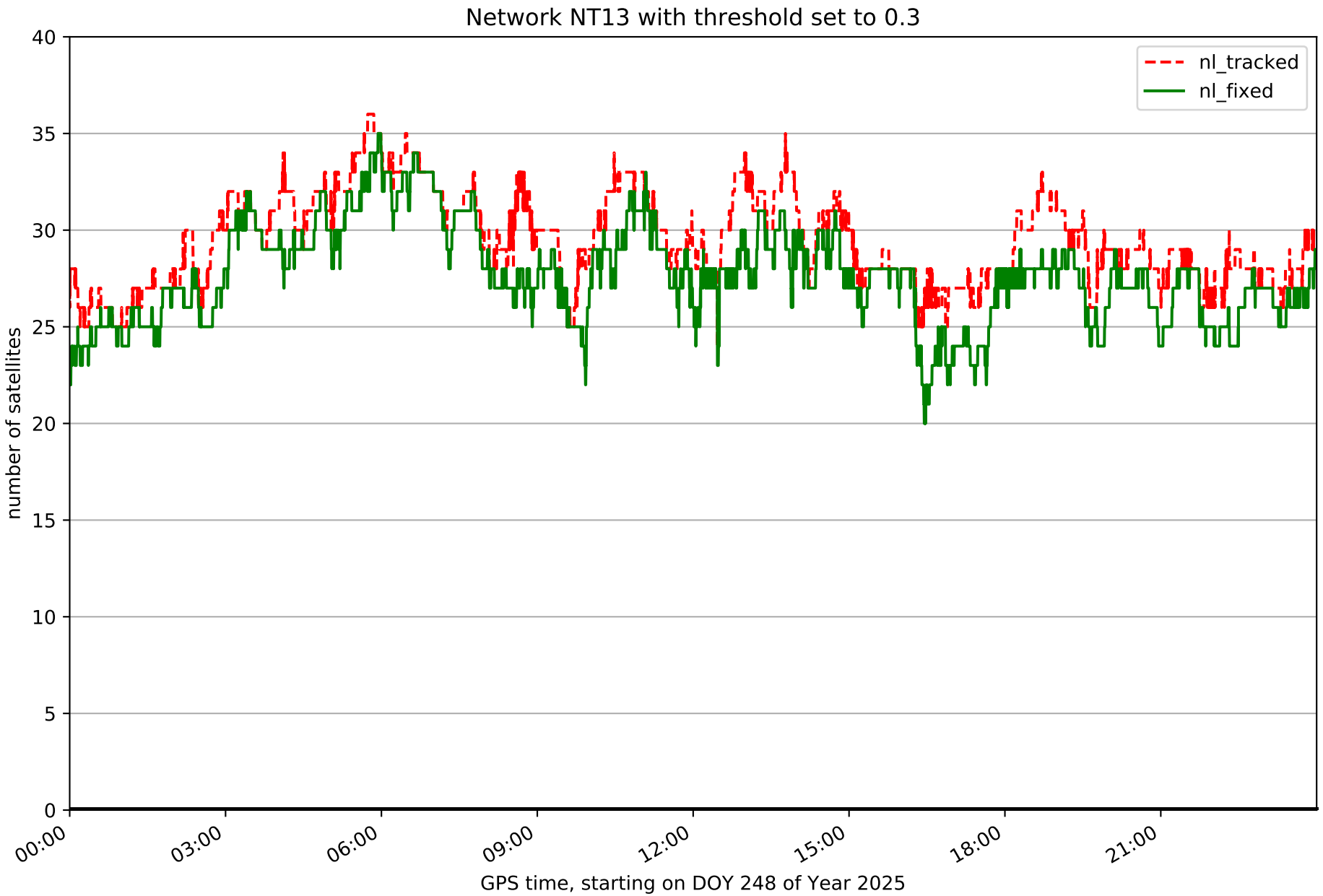
stations available: 16 of 17

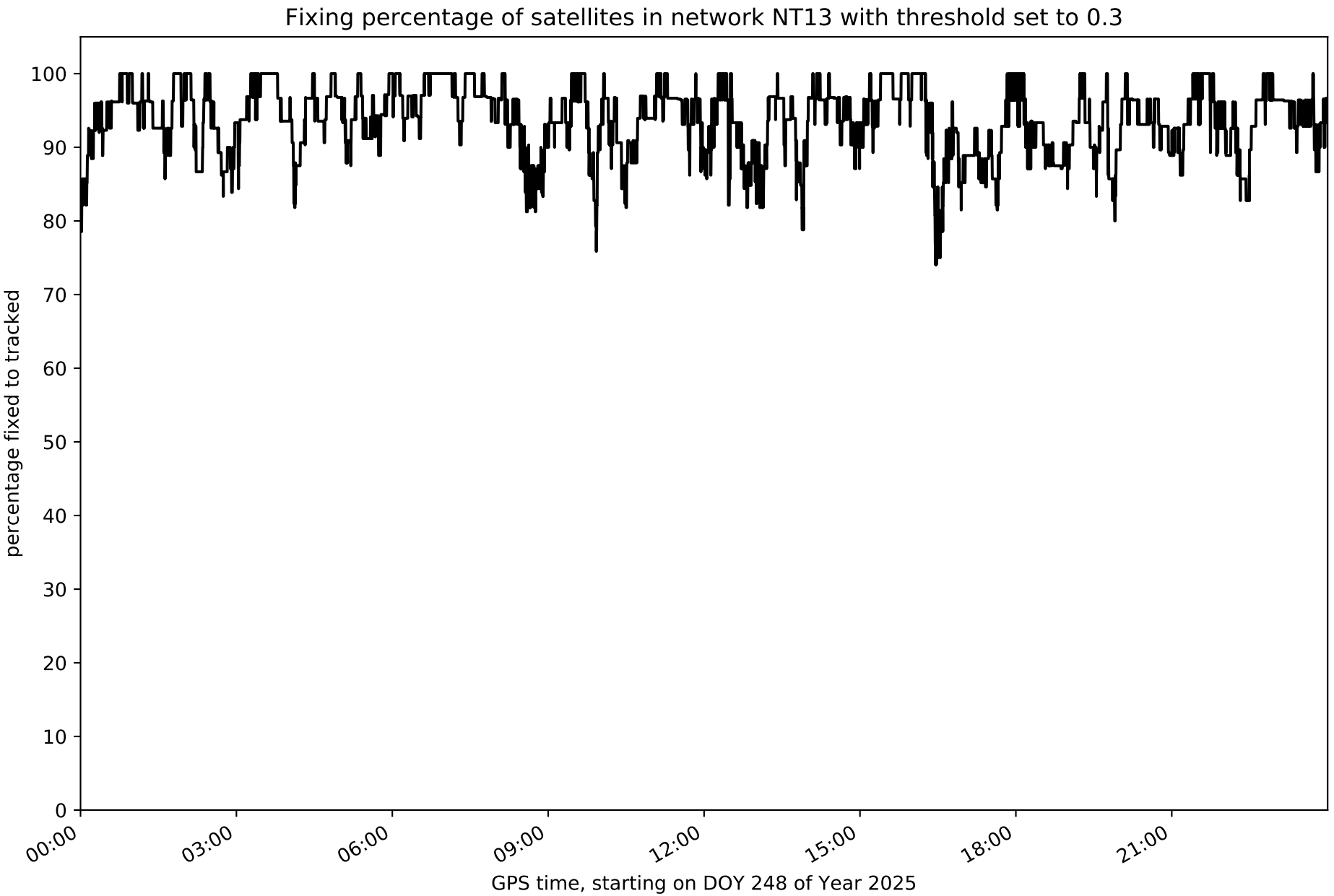
station information:

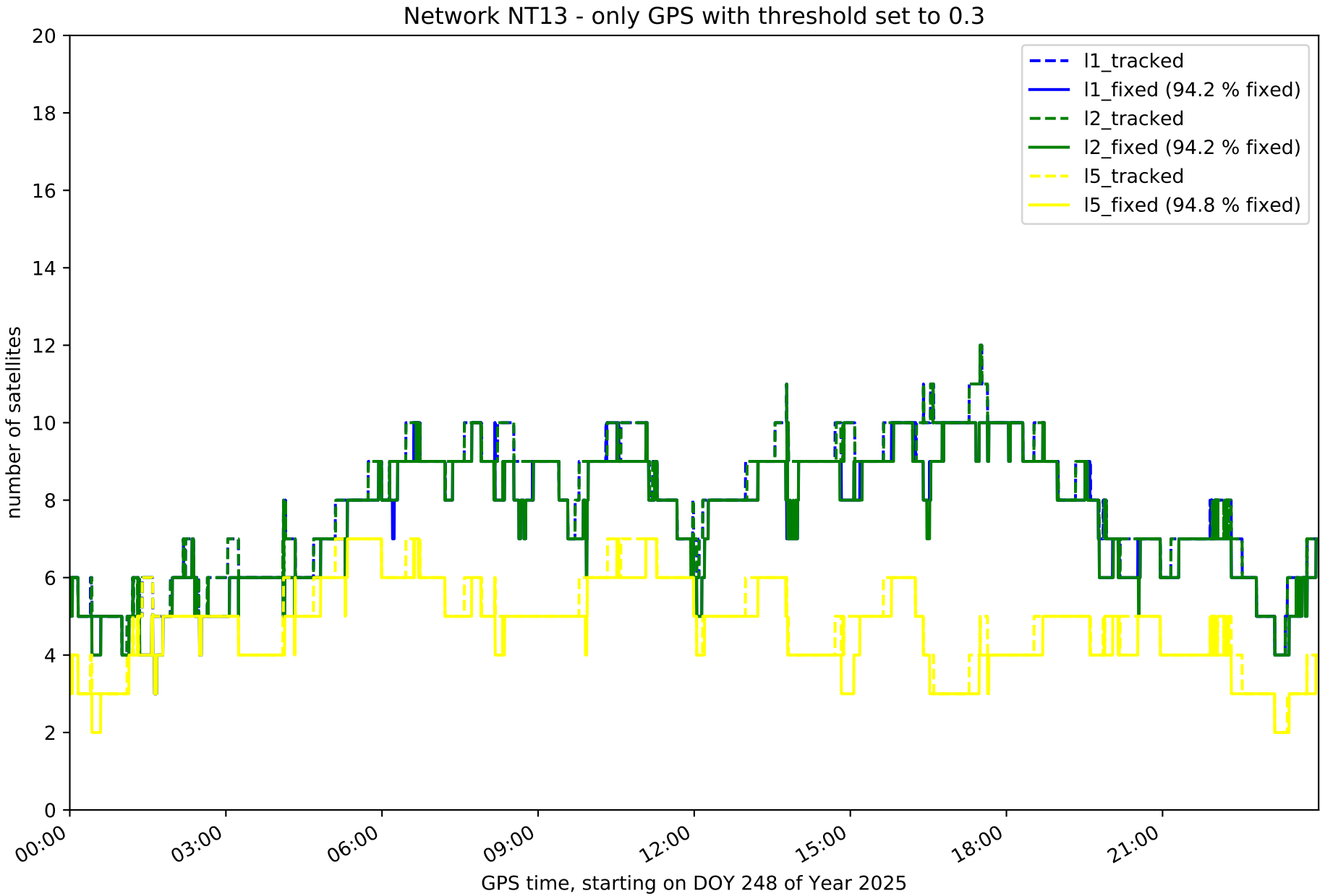
station ALGC:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 117.171
station AND2:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 284.274
station CABR:	antenna: LEIAT504_____LEIS	receiver: LEICA GR25	height: 572.15
station CAZA:	antenna: LEIAR20 LEIM	receiver: LEICA GR25	height: 663.115
station CEU1:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 52.521
station CRDB:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 196.076
station HUEL:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 81.905
station LEBR:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 77.577
station MALA:	antenna: LEIAR25.R4 LEIT	receiver: LEICA GR25	height: 122.877
station MOFR:	antenna: TRM57971.00 TZGD	receiver: TRIMBLE NETR9	height: 276.415
station MOTR:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 166.934
station OSUN:	antenna: GPPNULLANTENNA NONE	receiver: TRIMBLE NETR9	height: 363.146
station RON1:	antenna: GPPNULLANTENNA NONE	receiver: TRIMBLE NETR9	height: 820.772
station SEV1:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 69.752
station TAR0:	antenna: LEIAR20 LEIM	receiver: LEICA GR25	height: 50.076
station UCA1:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 67.718

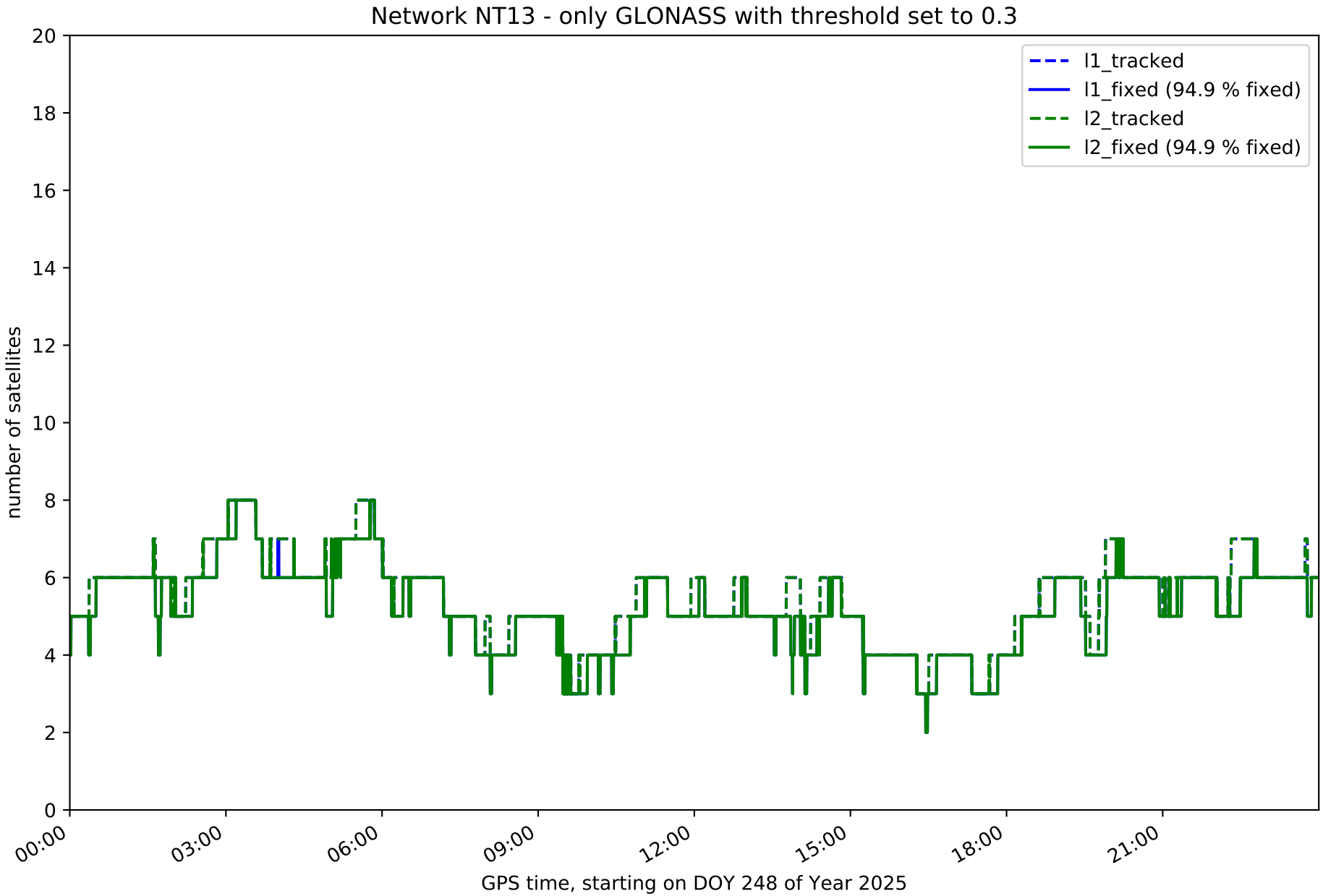

Processing rate in network NT13
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

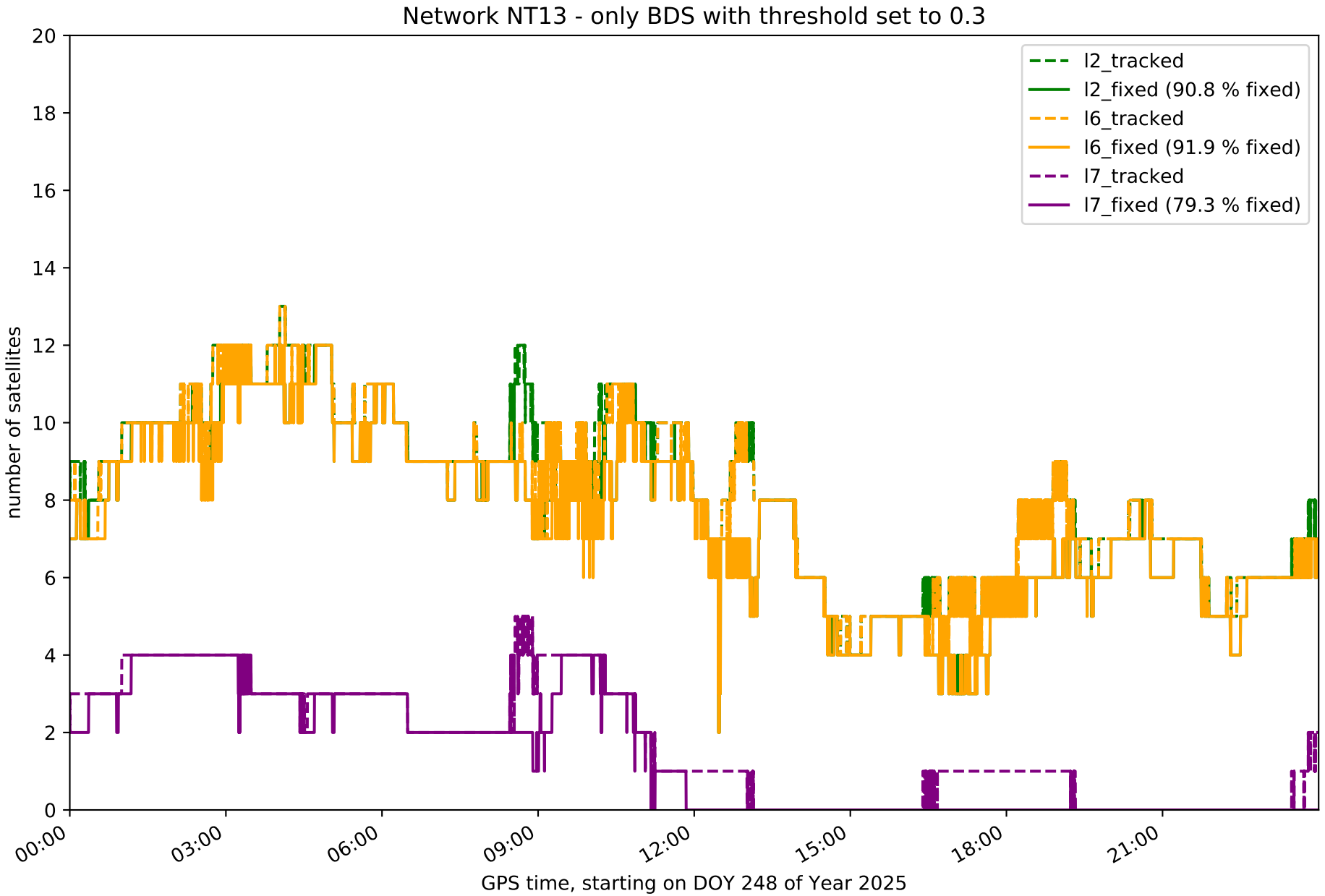

Histogram of the processing rate in network NT13 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
time difference to next processed epoch [s]

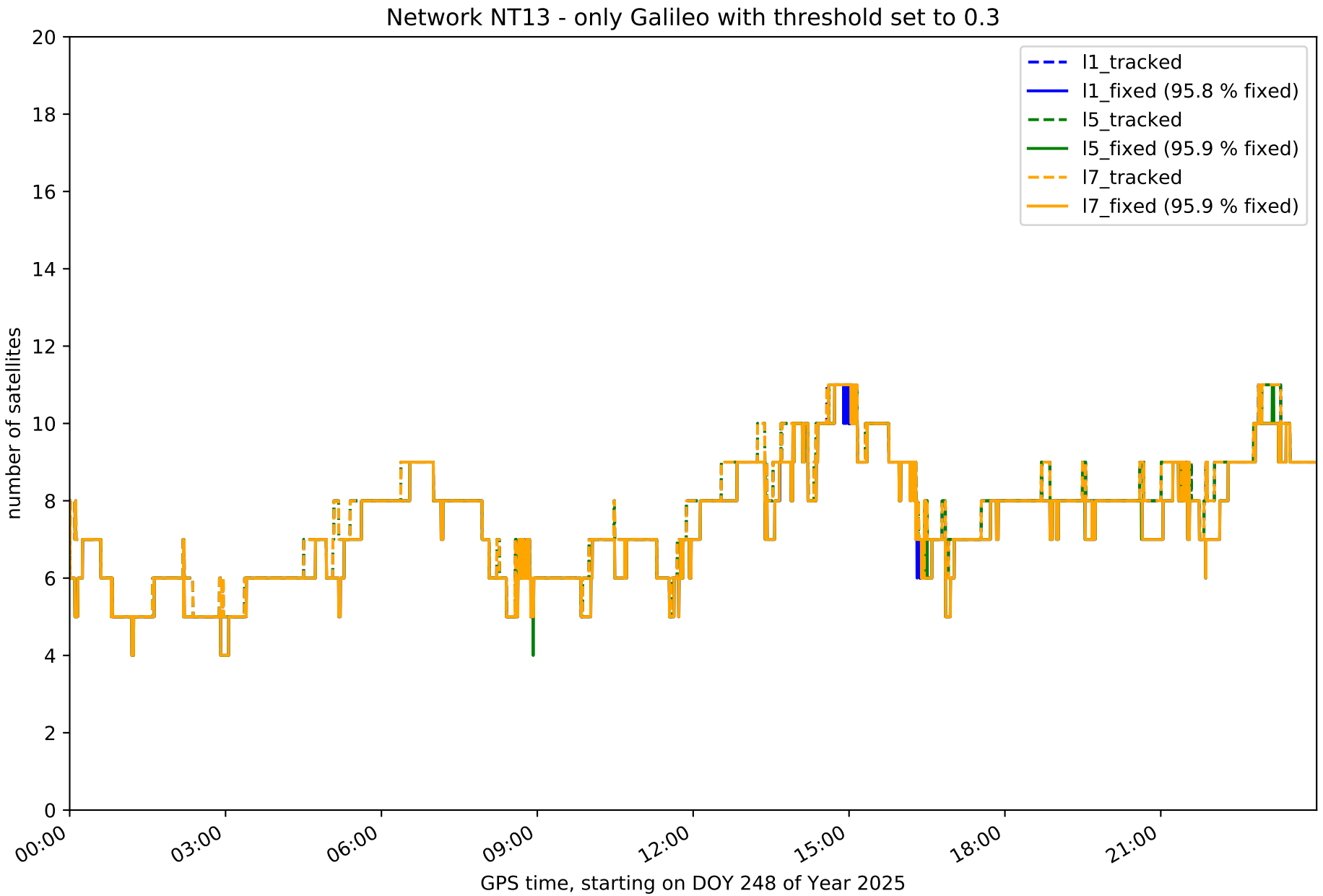

Network NT13 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

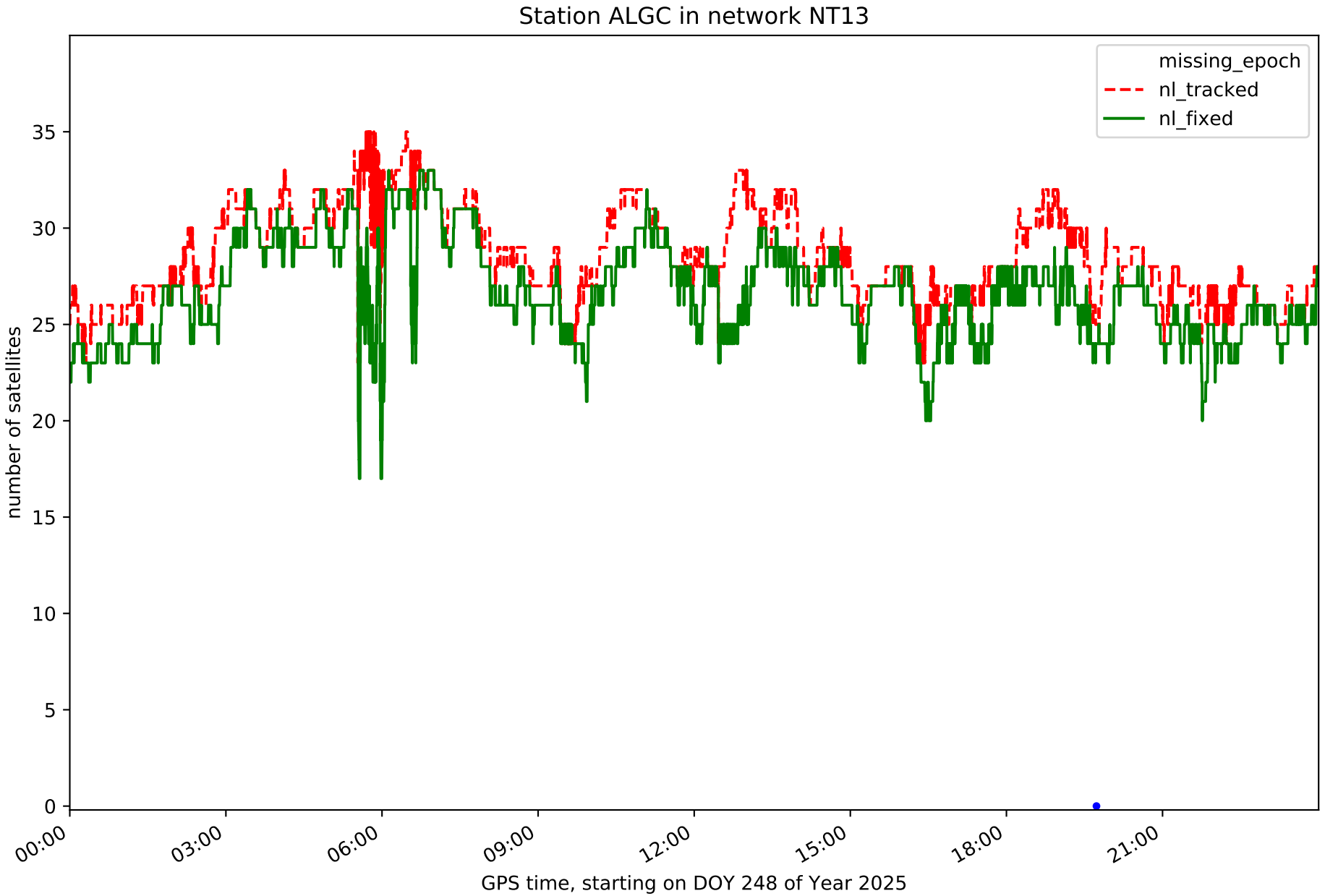

Fixing percentage of satellites in network NT13 with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

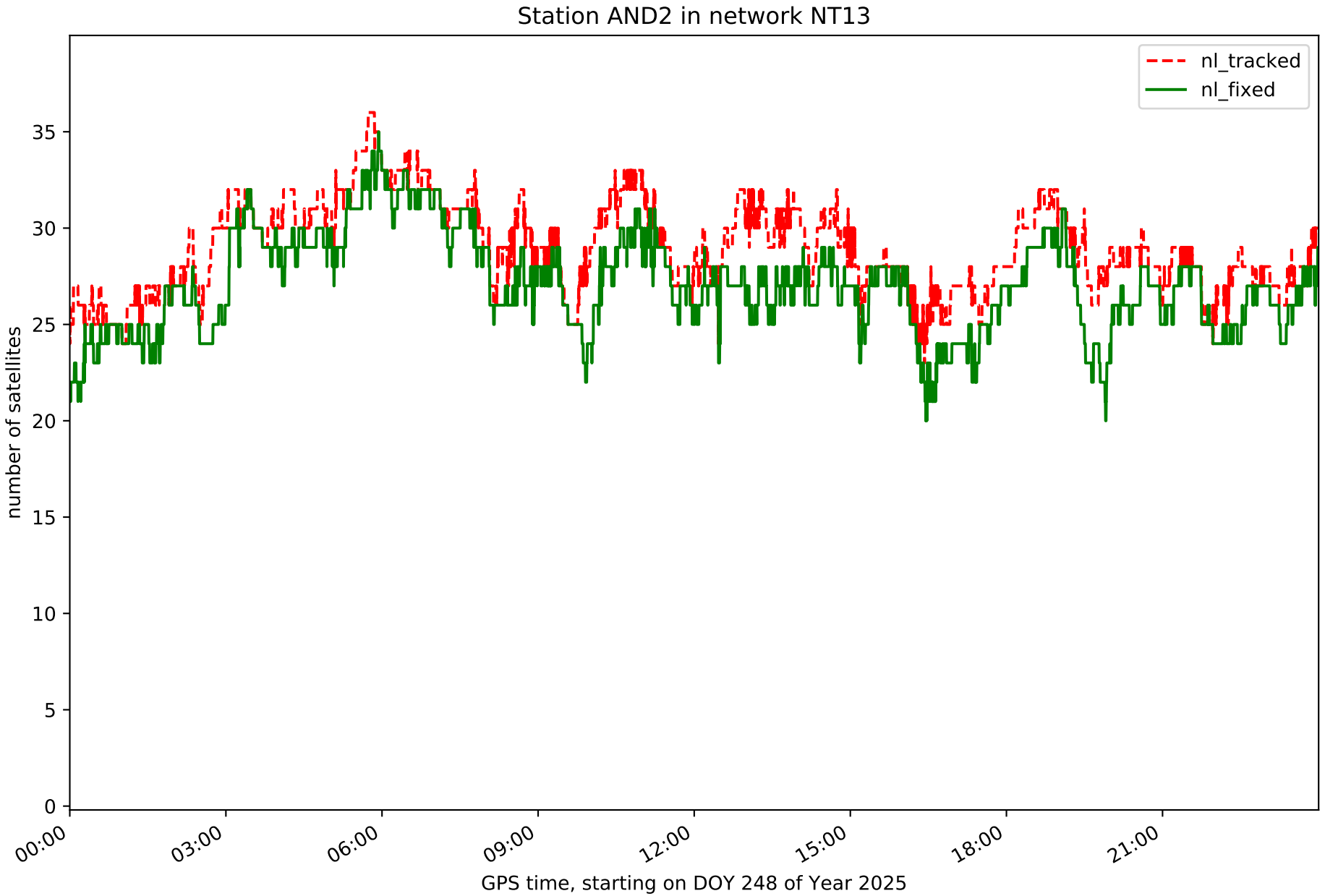

Network NT13 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 248 of Year 2025
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (94.2 % fixed)
l2_tracked
l2_fixed (94.2 % fixed)
l5_tracked
l5_fixed (94.8 % fixed)

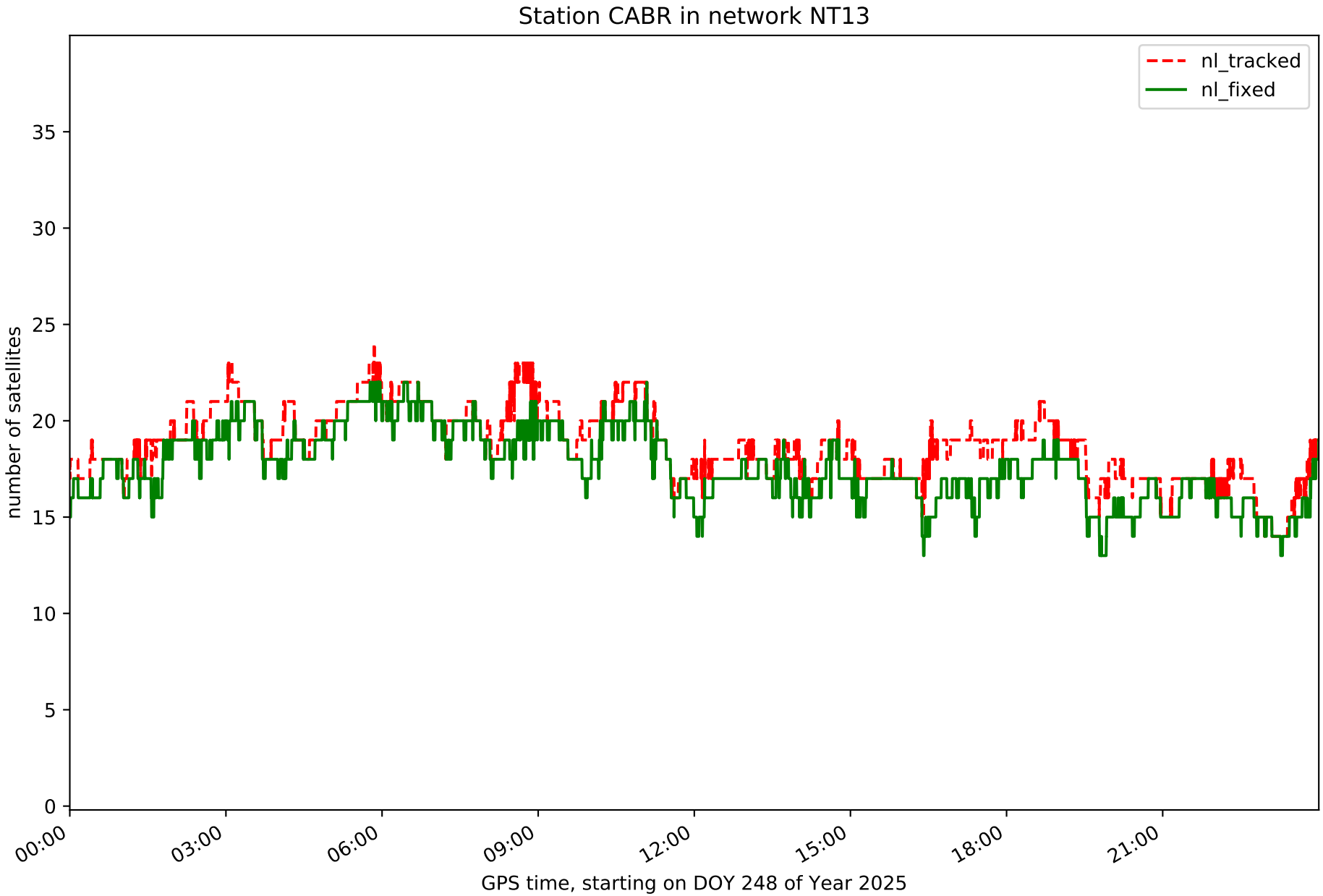

Network NT13 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (94.9 % fixed)
l2_tracked
l2_fixed (94.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

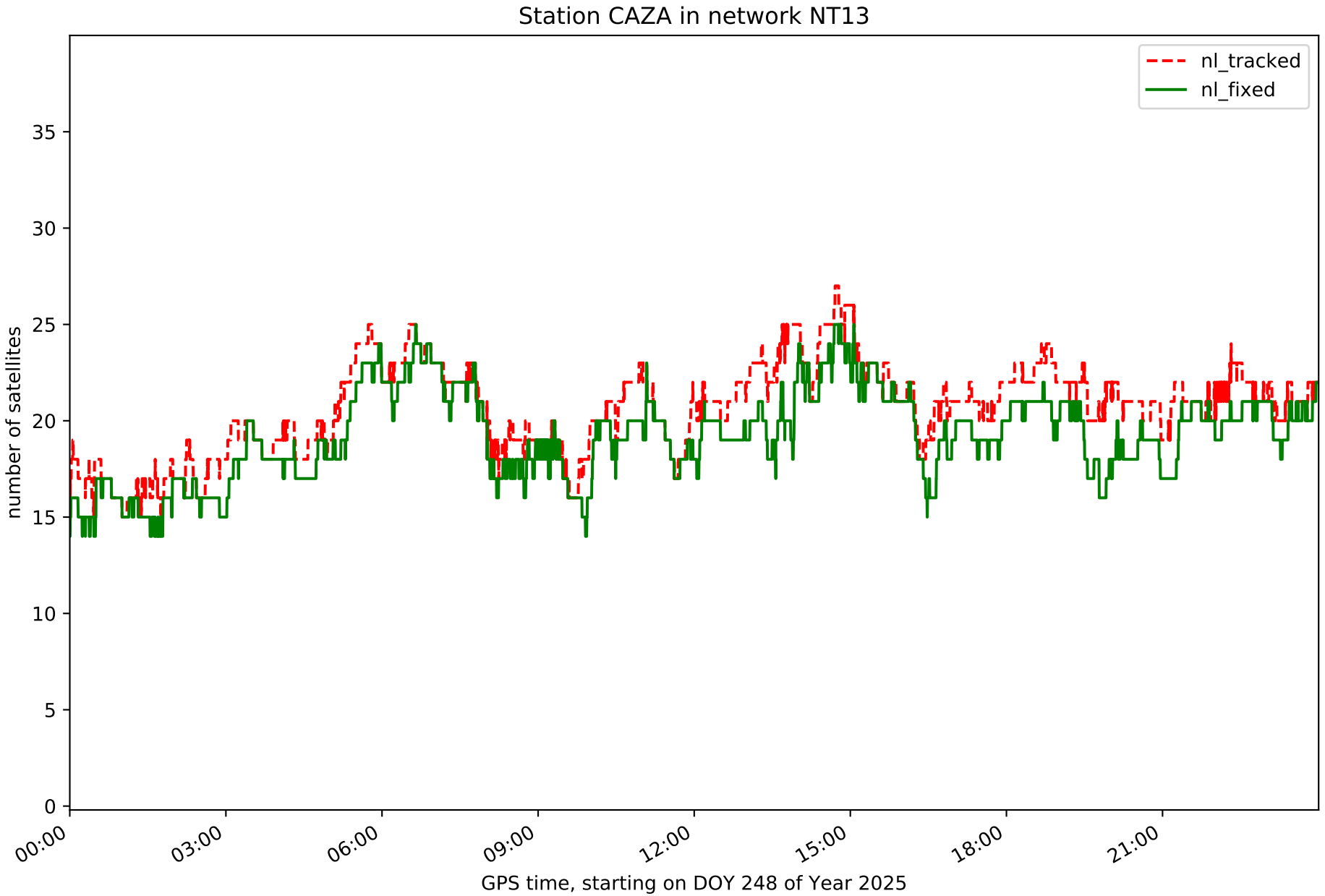

Network NT13 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 248 of Year 2025
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (90.8 % fixed)
I6_tracked
I6_fixed (91.9 % fixed)
I7_tracked
I7_fixed (79.3 % fixed)

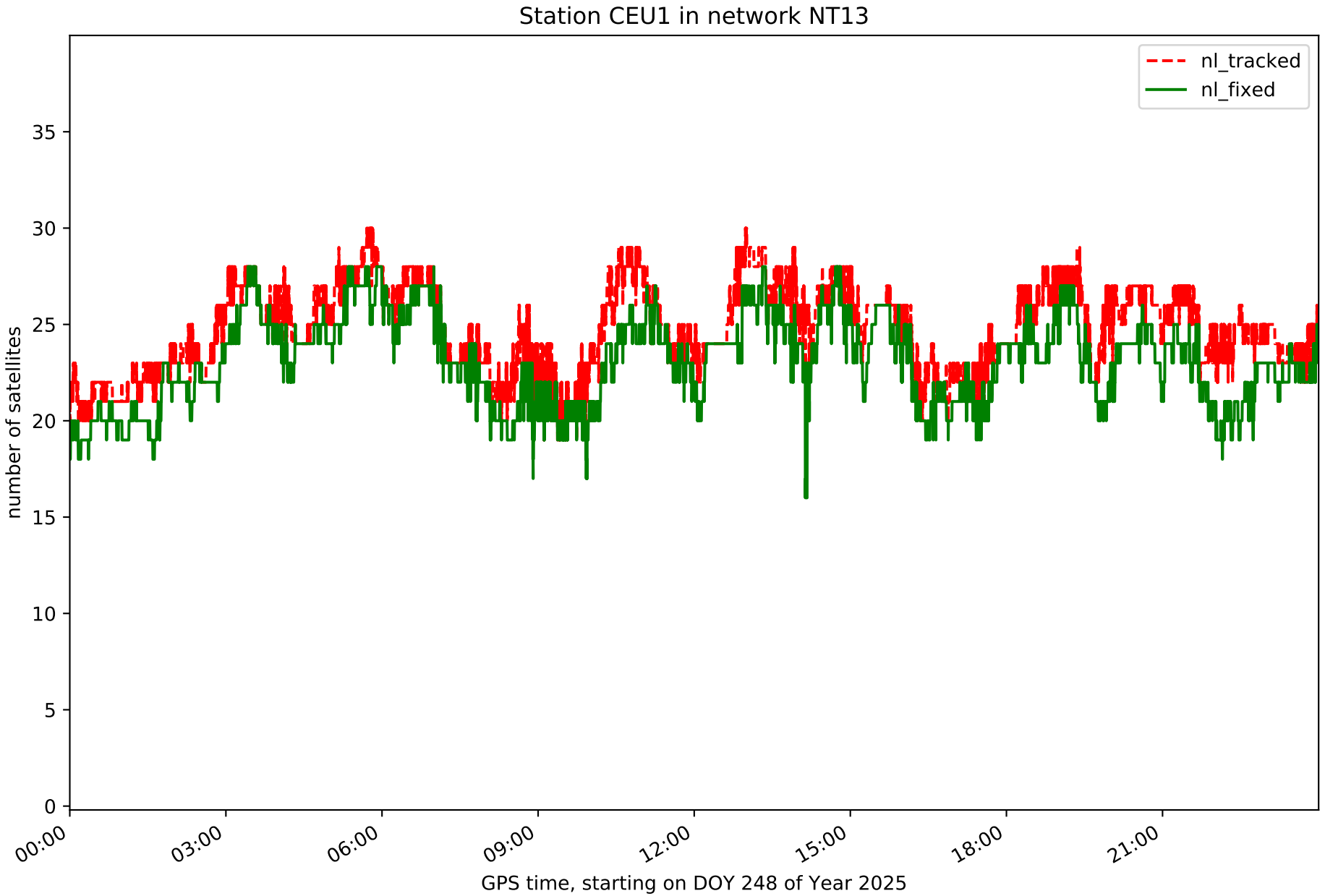

Network NT13 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 248 of Year 2025
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (95.8 % fixed)
l5_tracked
l5_fixed (95.9 % fixed)
l7_tracked
l7_fixed (95.9 % fixed)

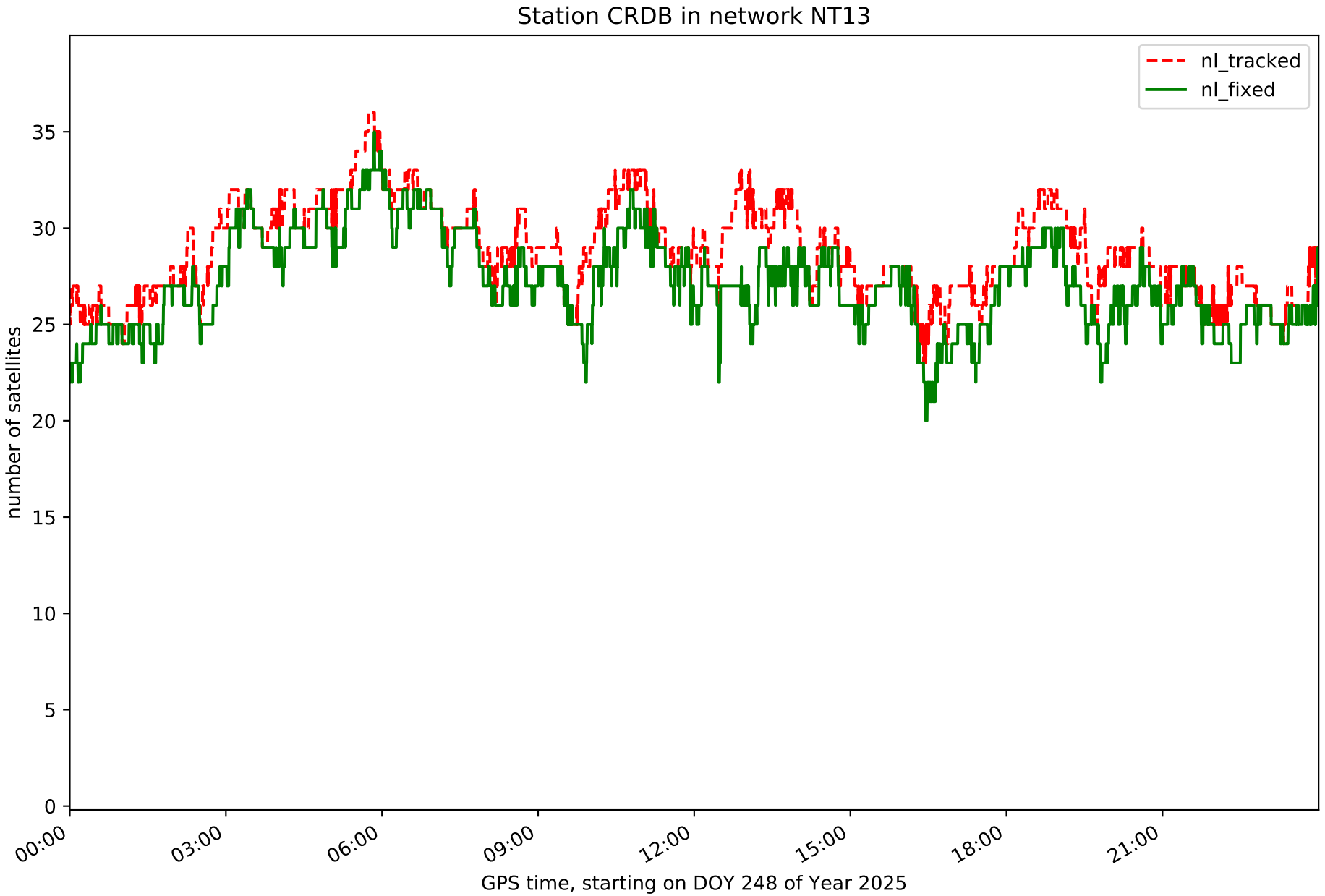

Station ALGC in network NT13
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

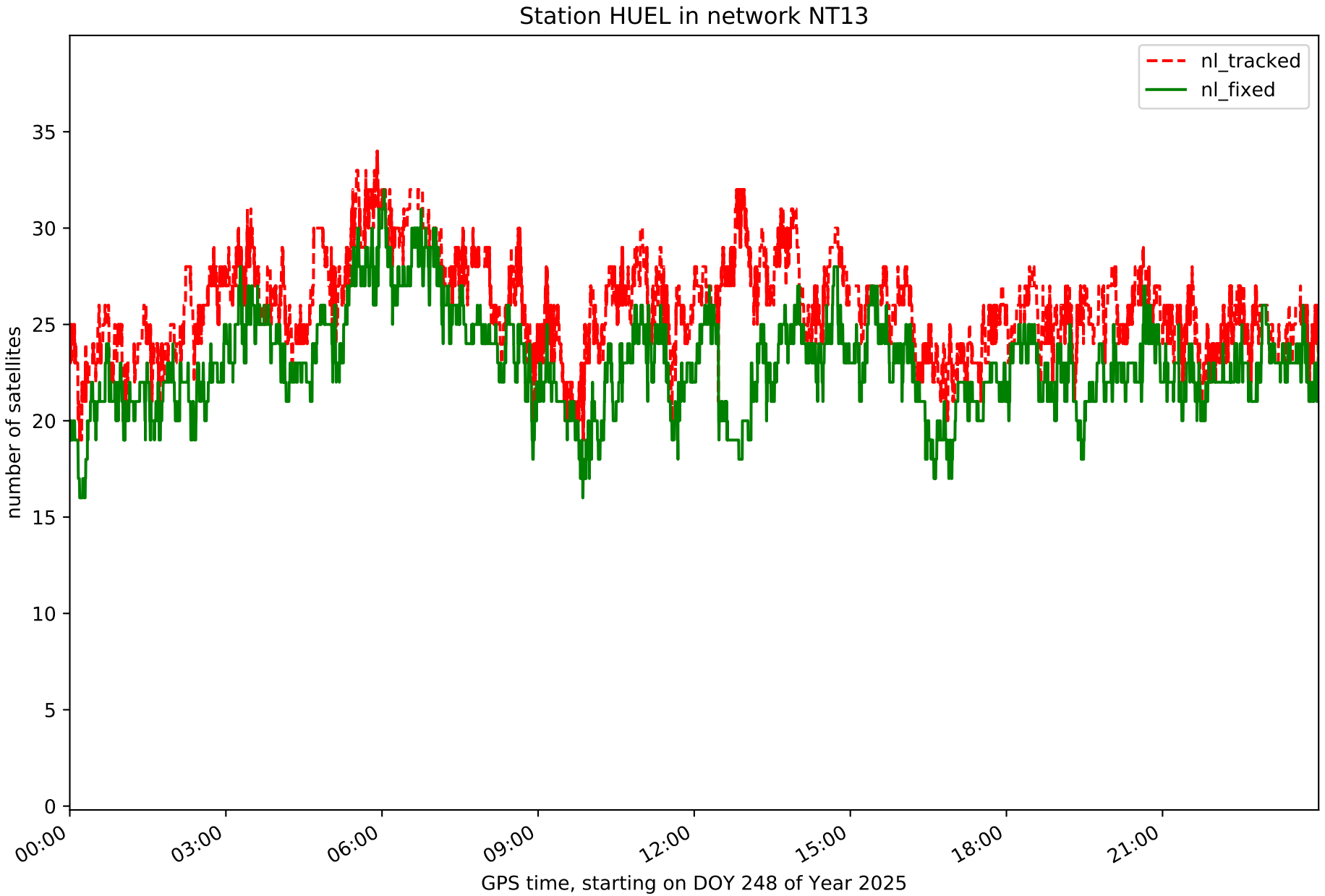

Station AND2 in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

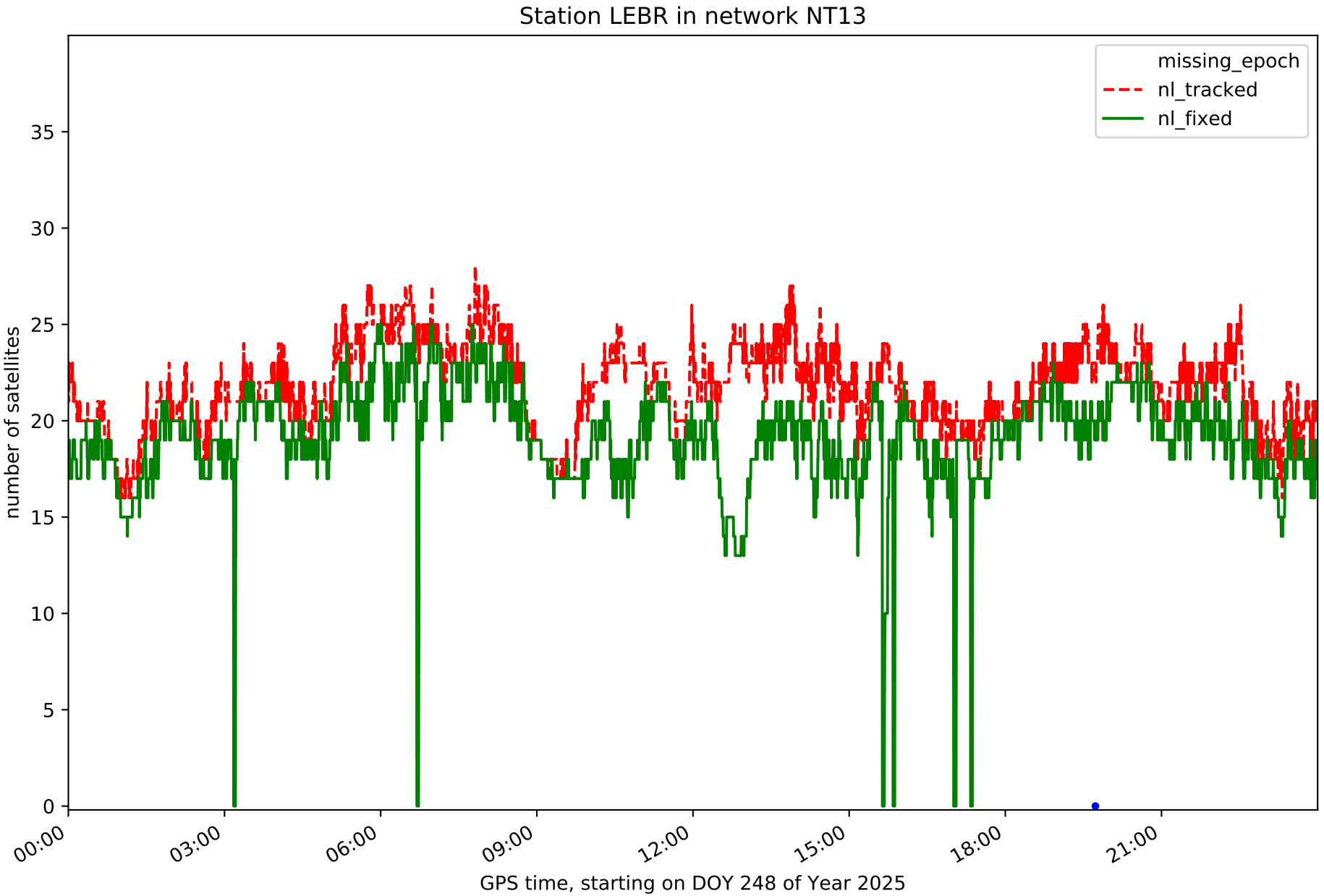

Station CABR in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

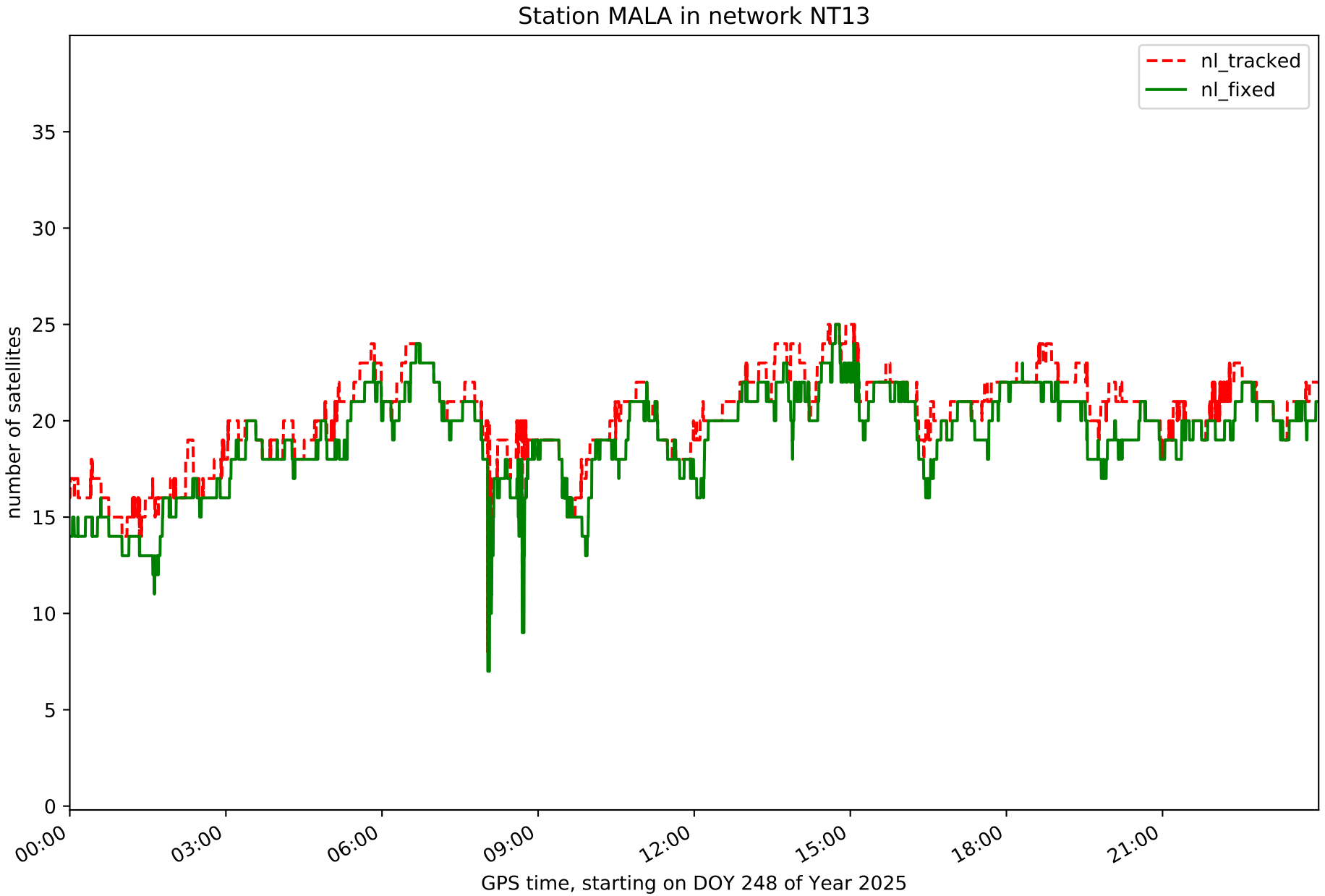

Station CAZA in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

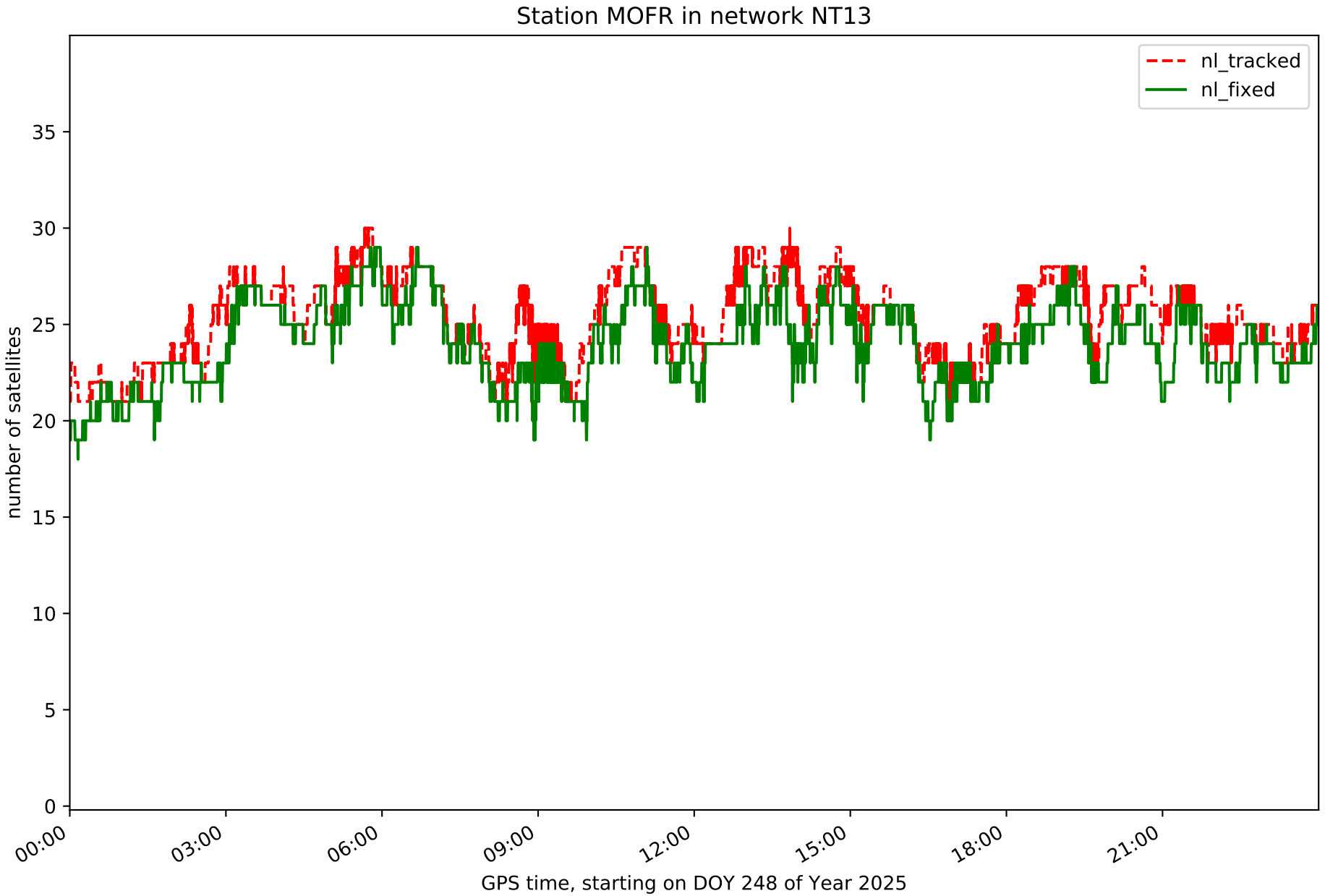

Station CEU1 in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

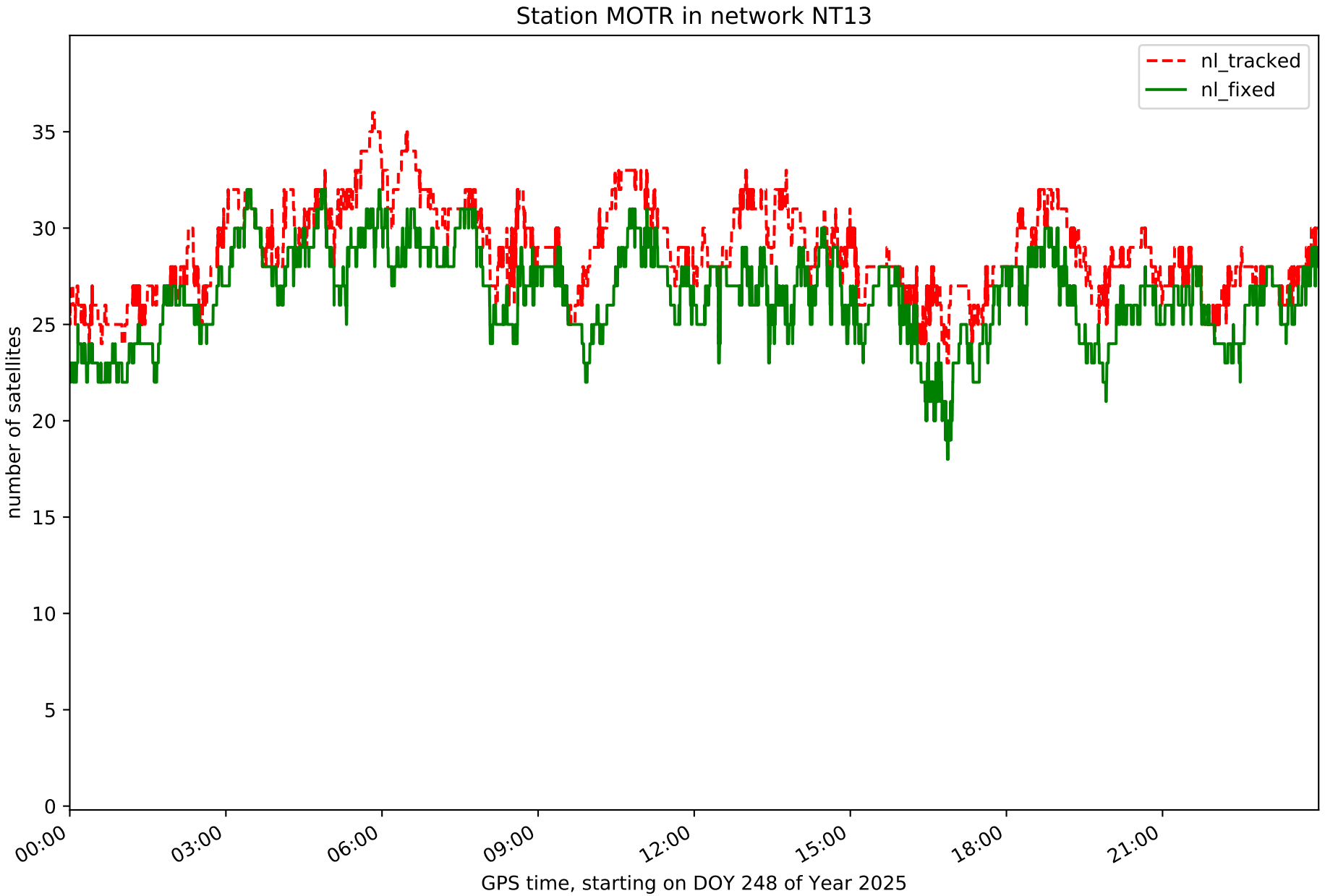

Station CRDB in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

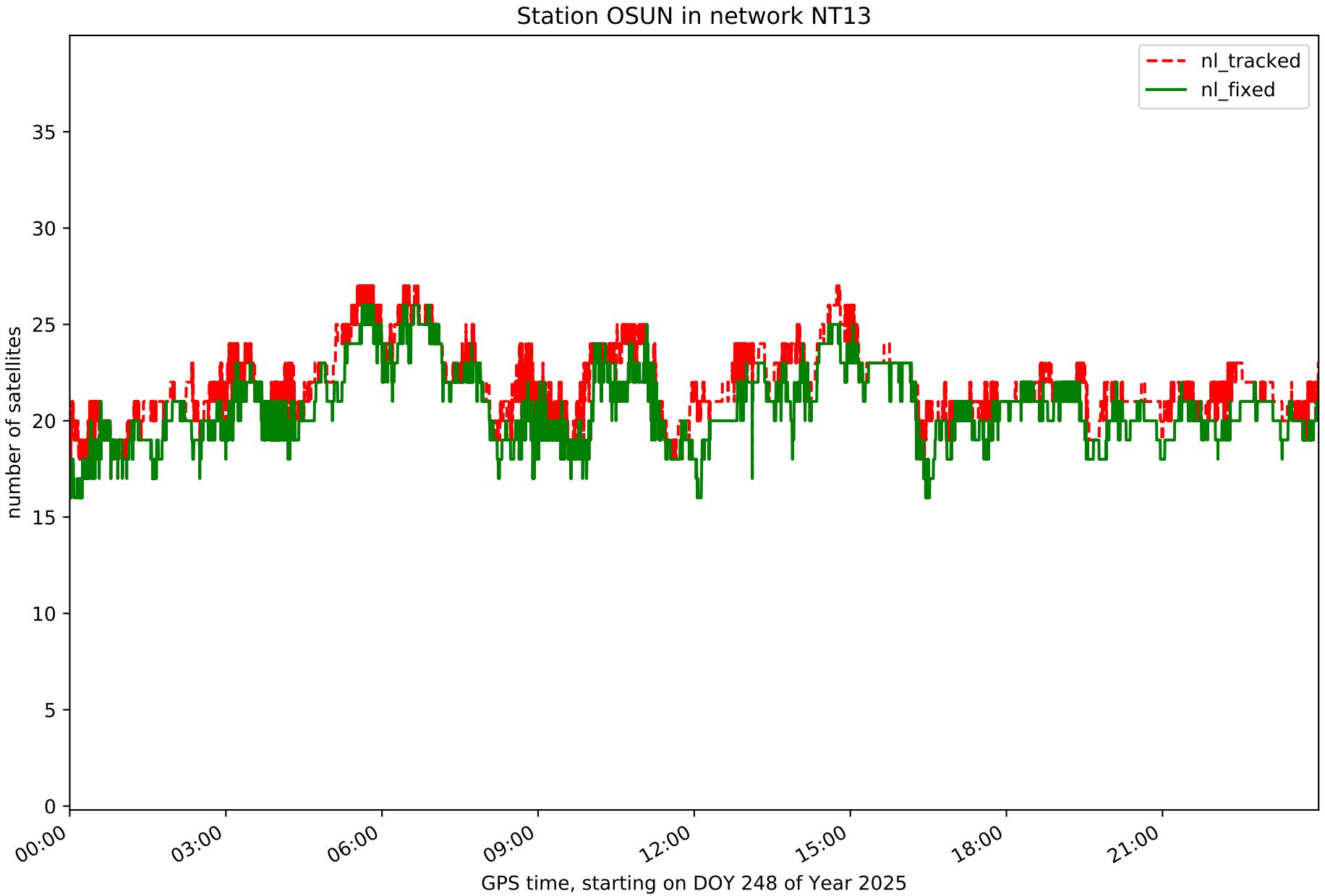

Station HUEL in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

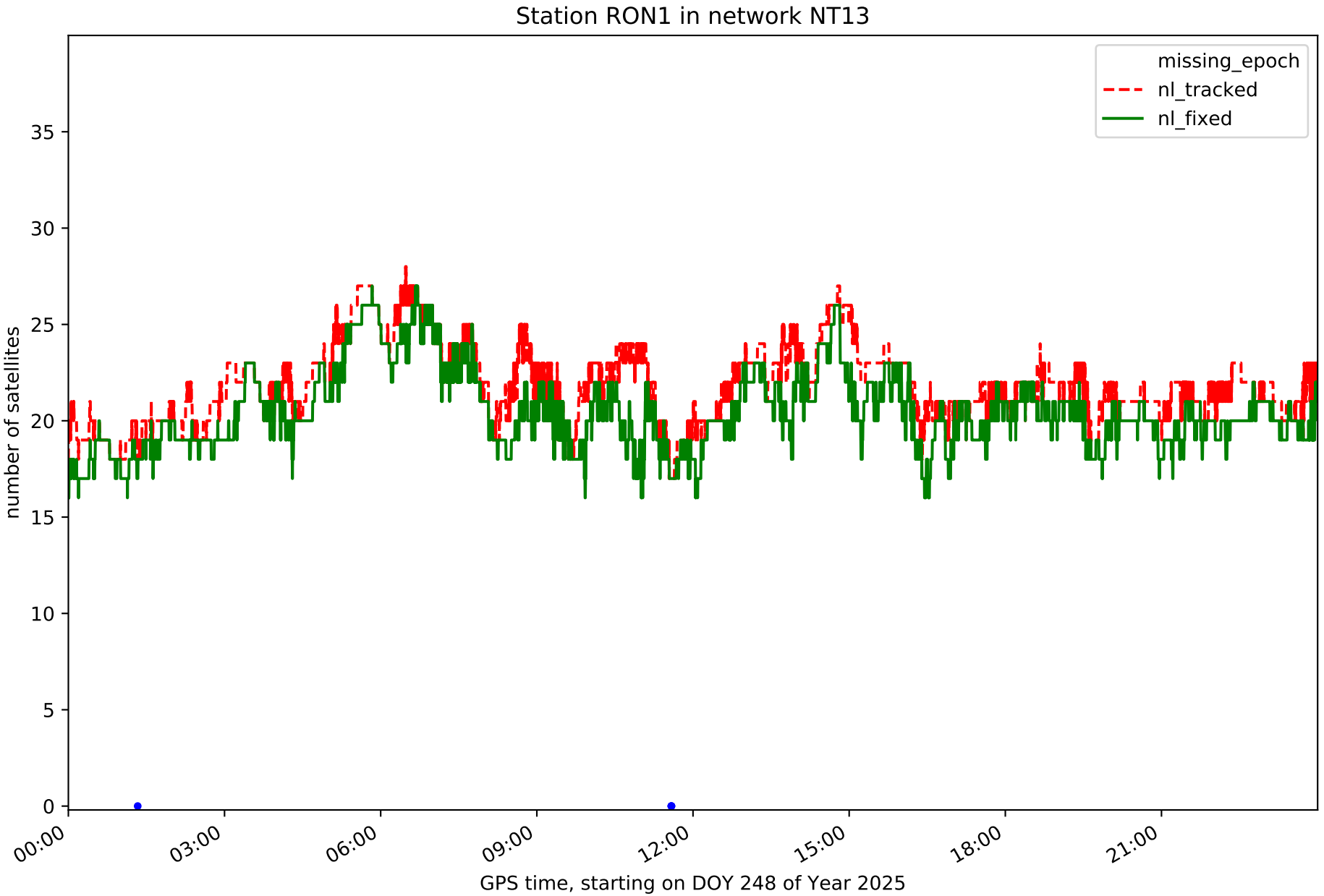

Station LEBR in network NT13
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

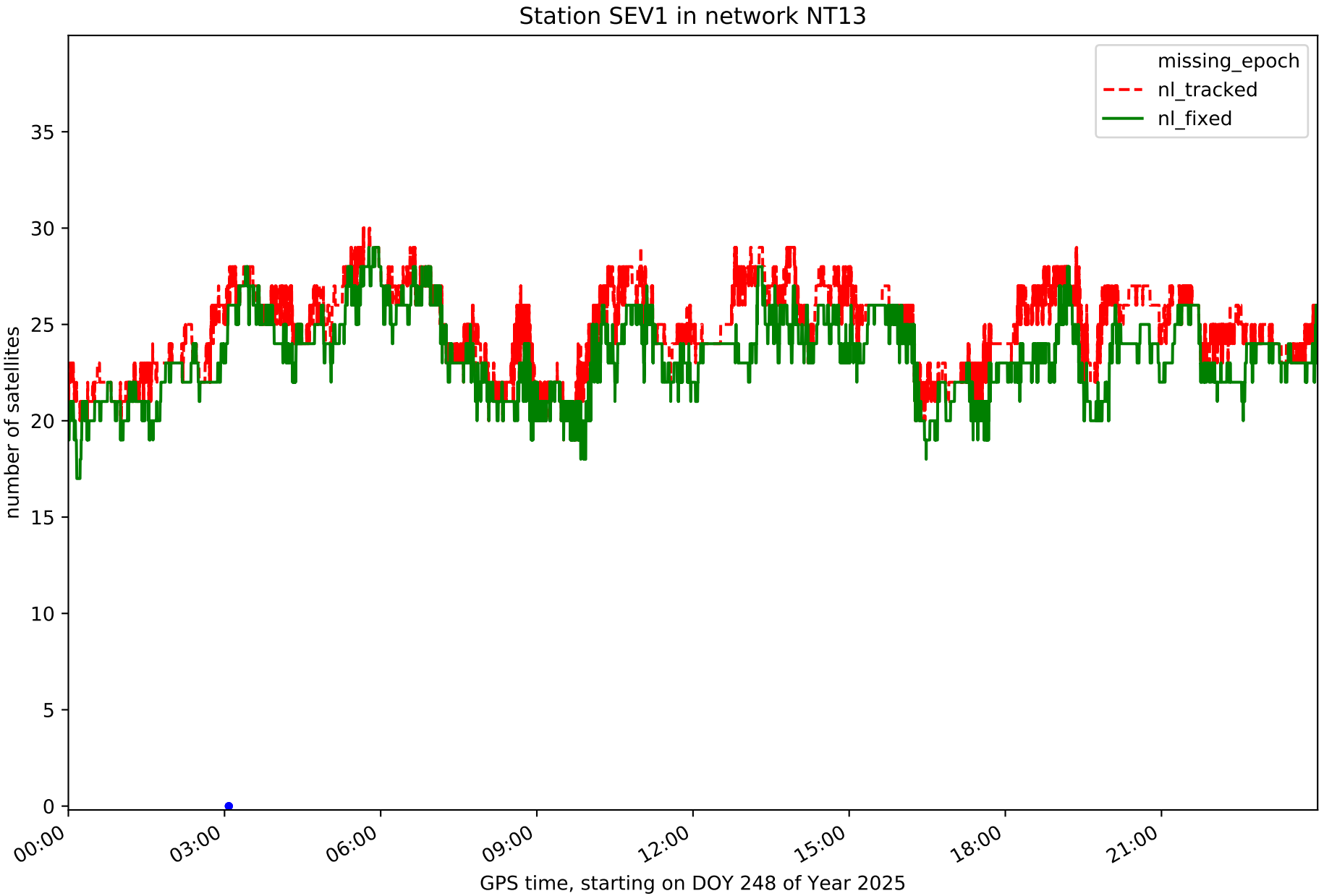

Station MALA in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

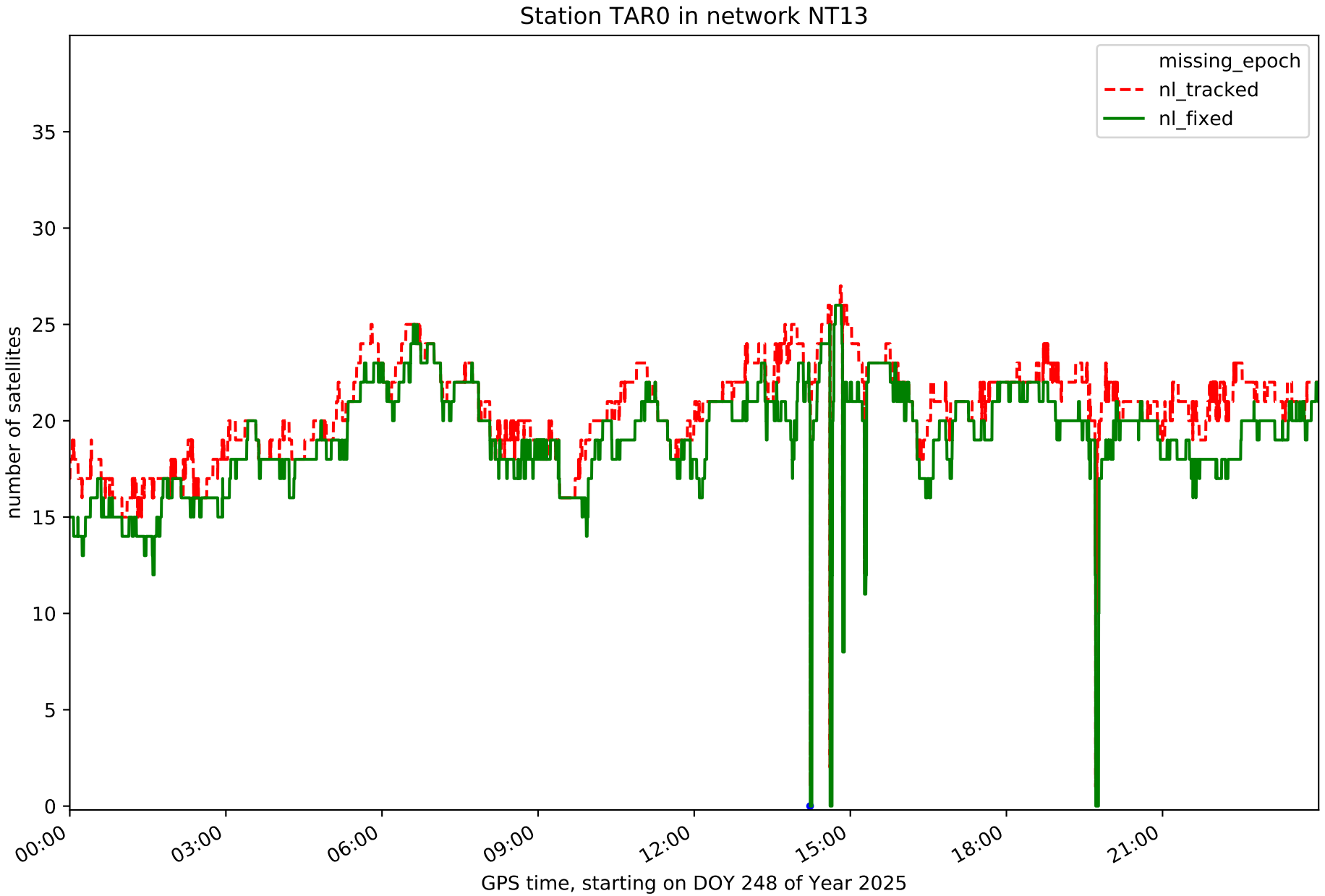

Station MOFR in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

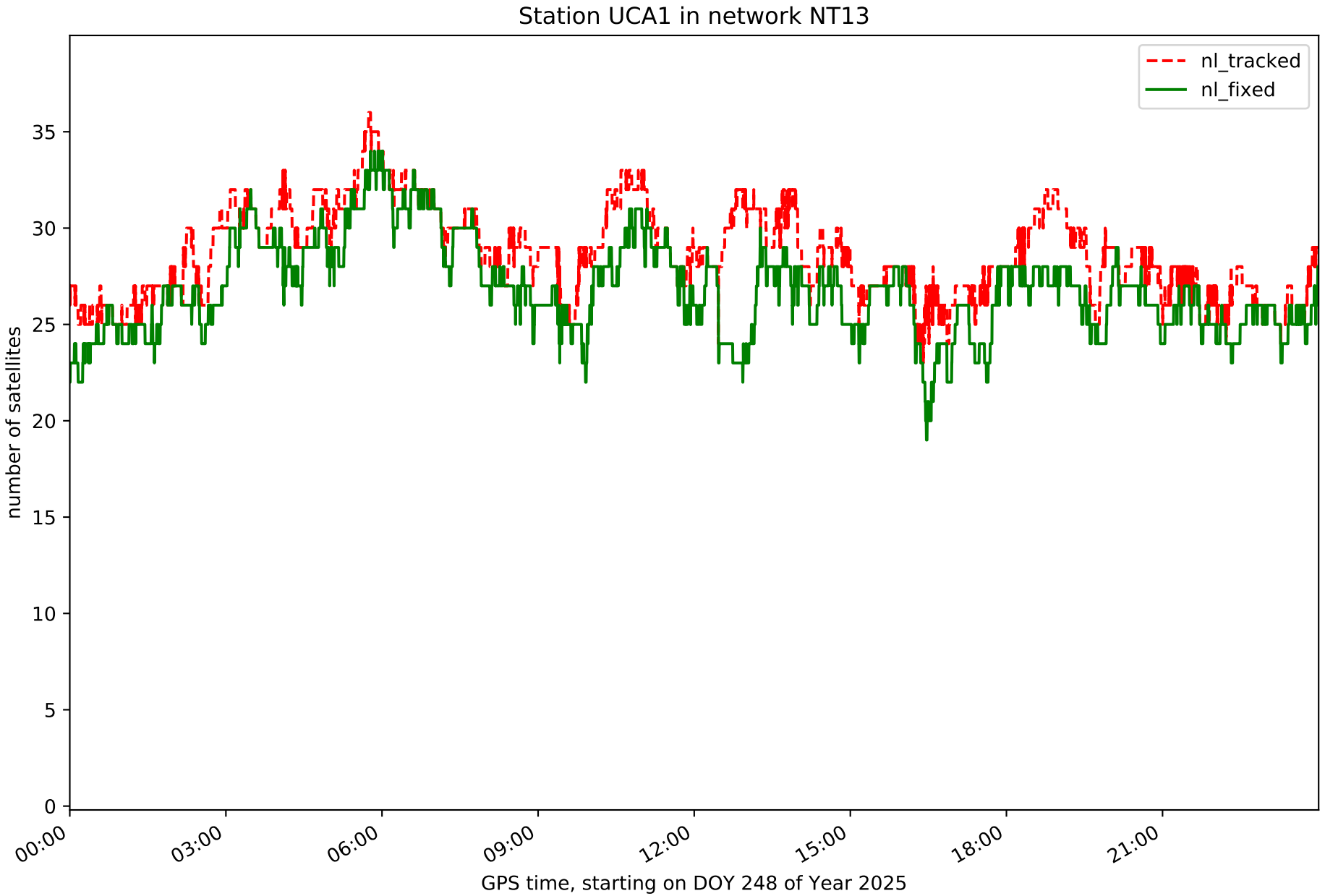

Station MOTR in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

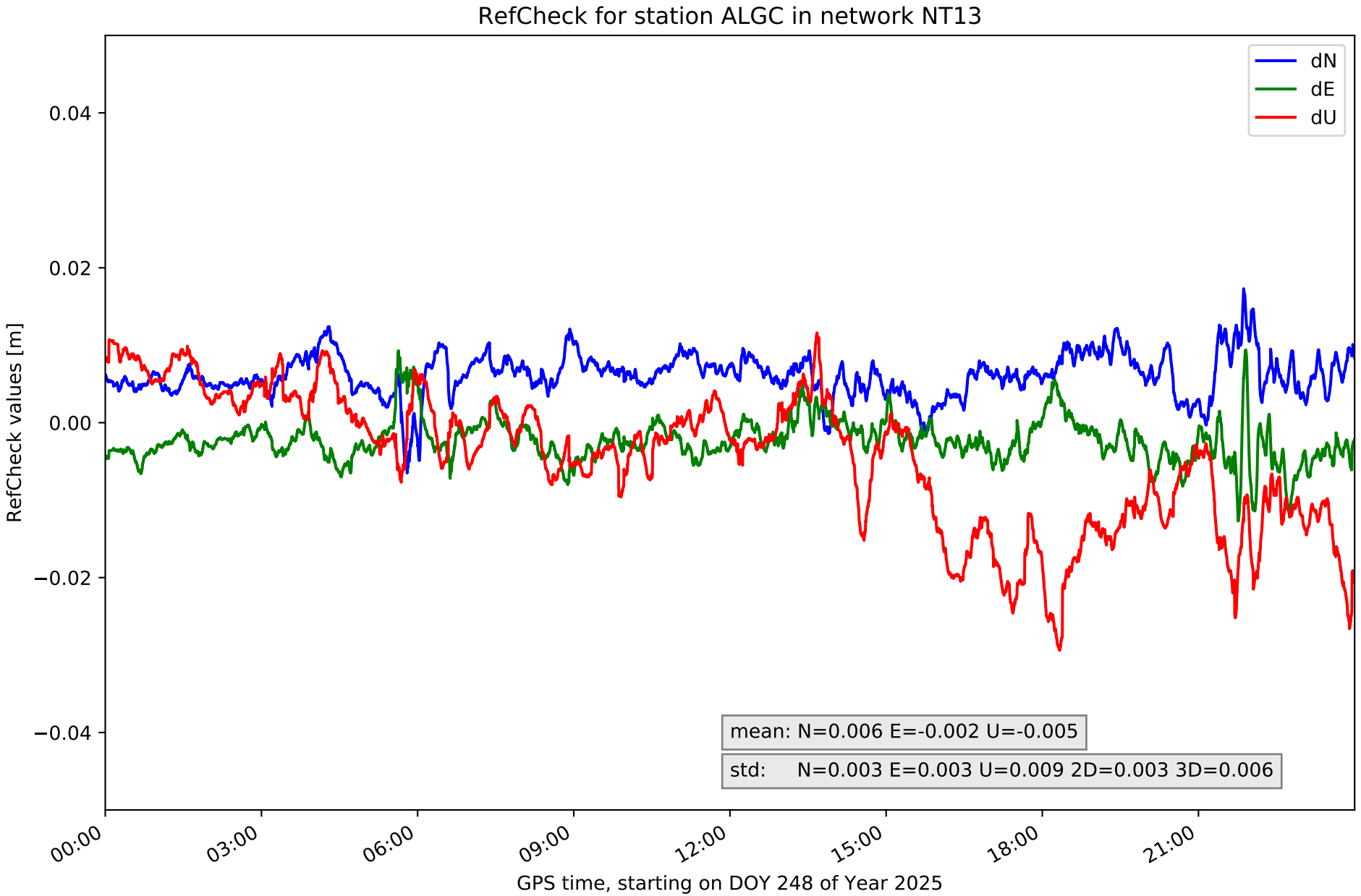

Station OSUN in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

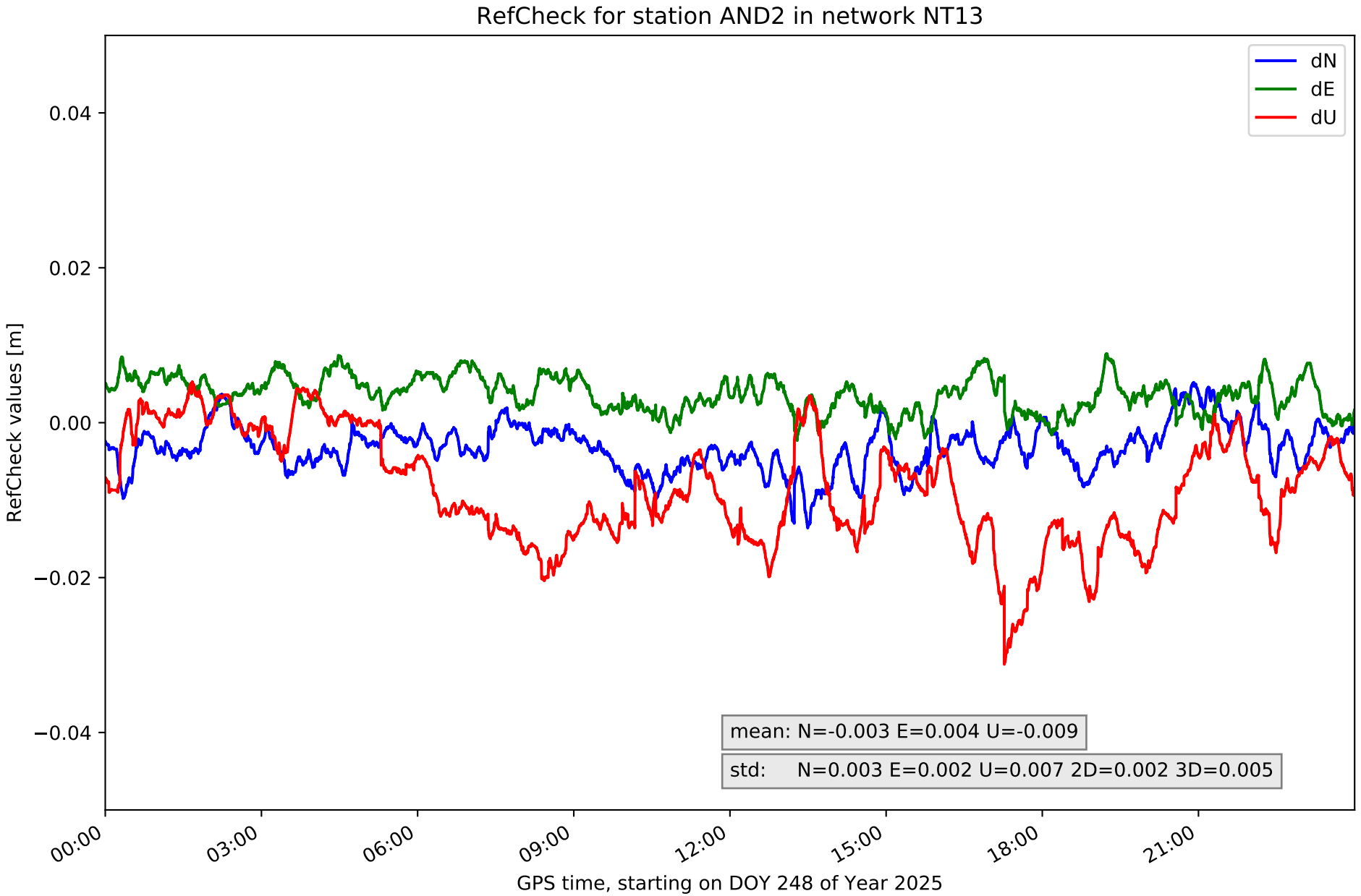

Station RON1 in network NT13
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

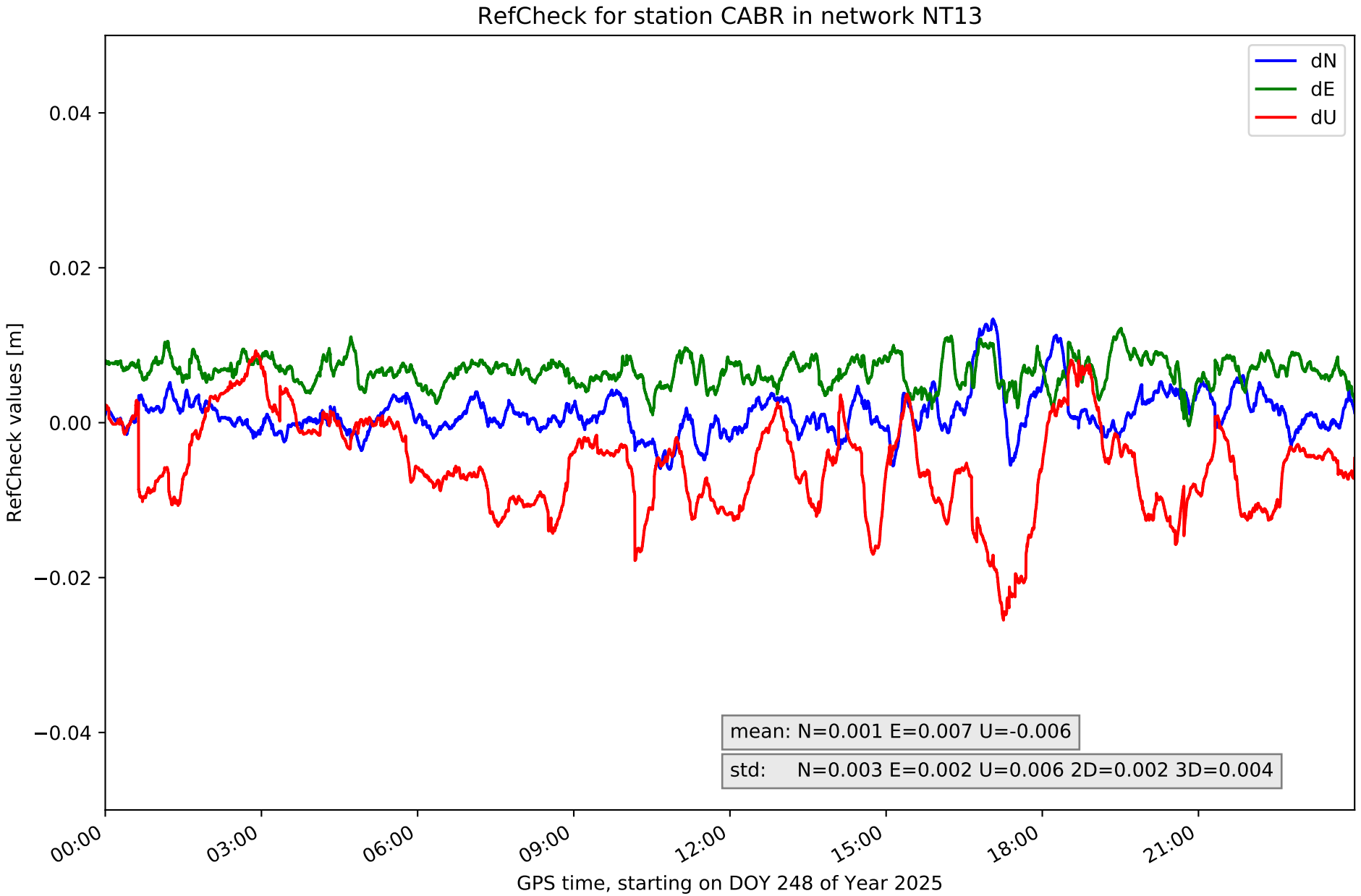

Station SEV1 in network NT13
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

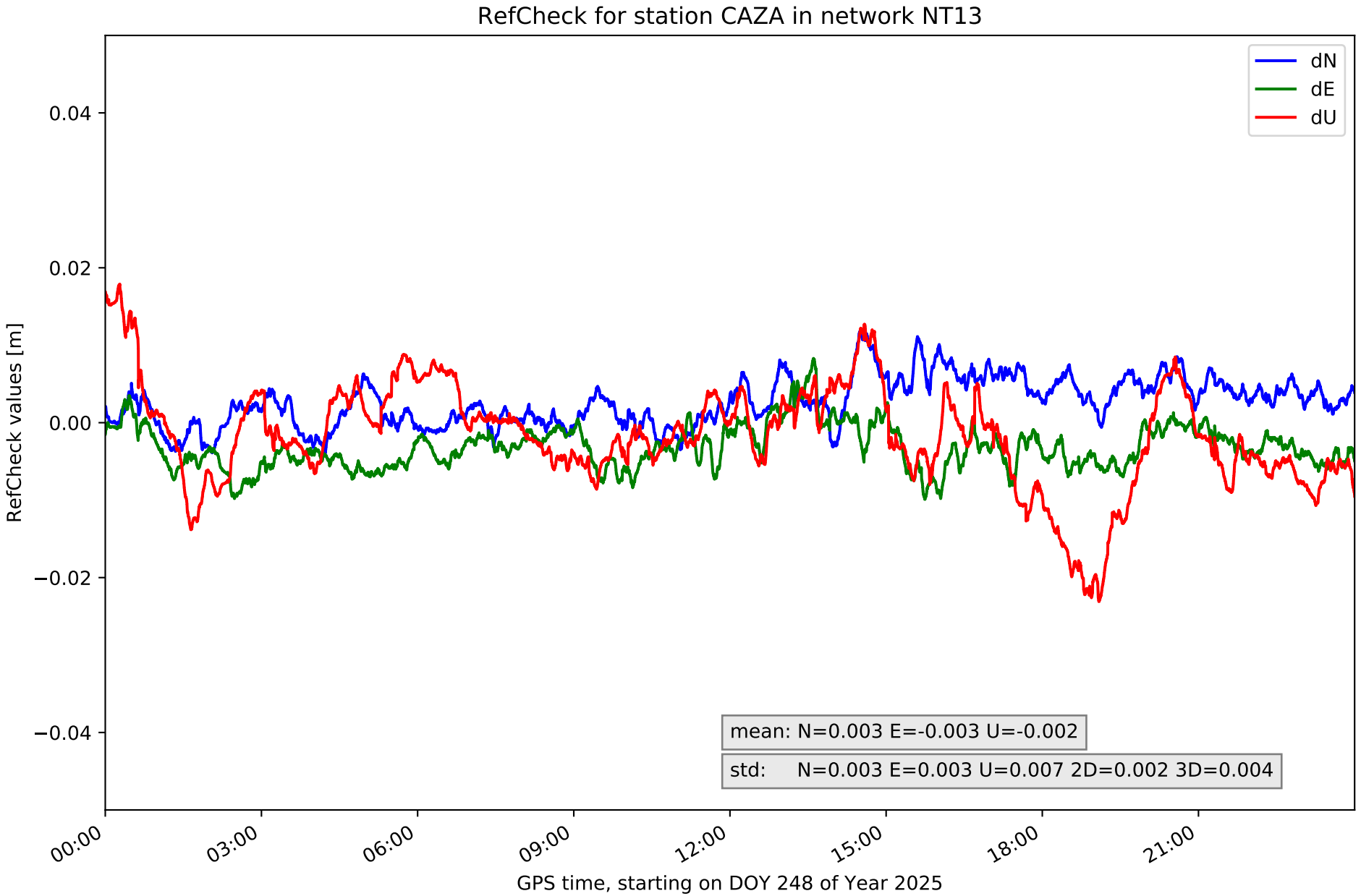

Station TAR0 in network NT13
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

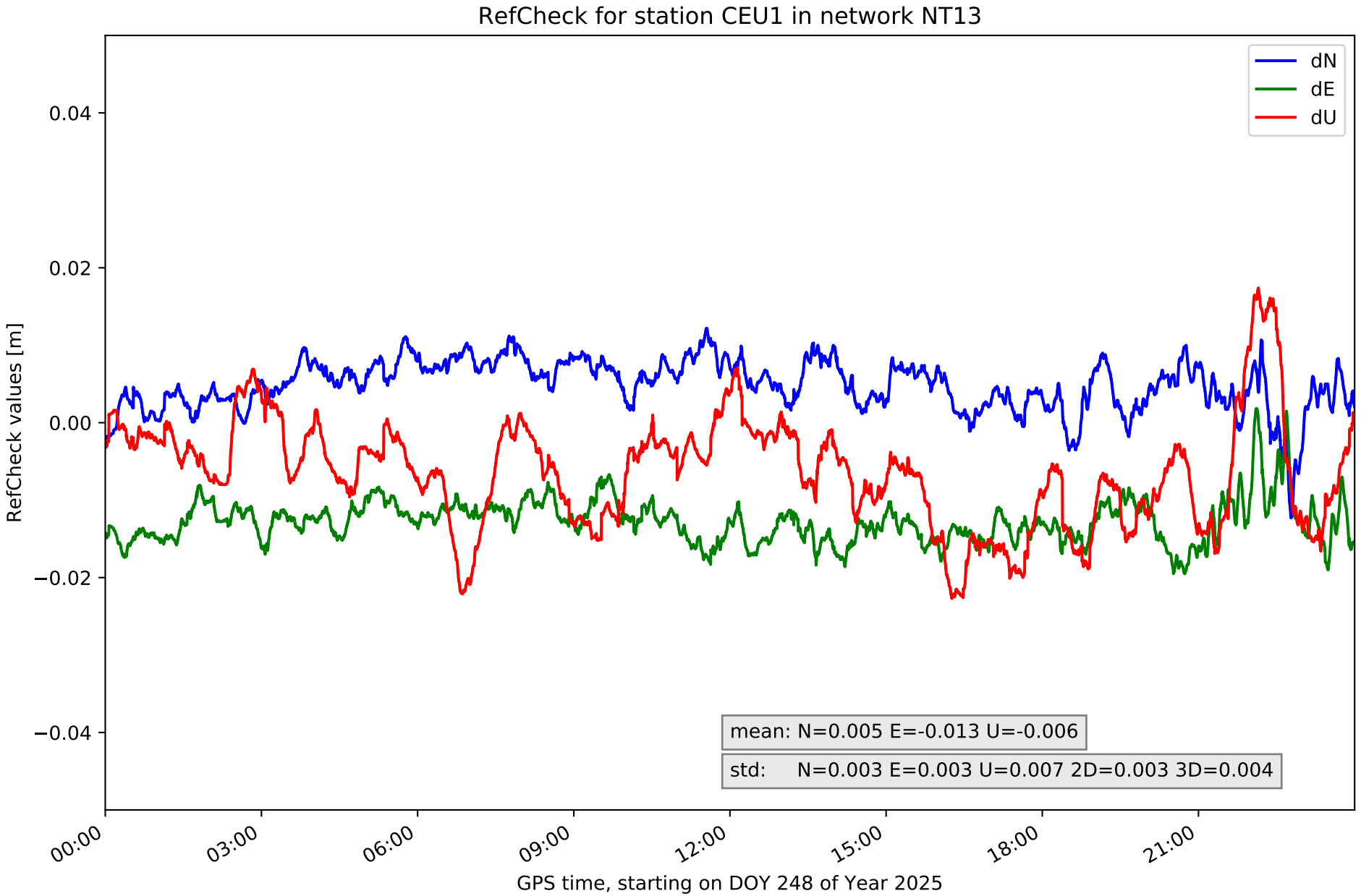

Station UCA1 in network NT13
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

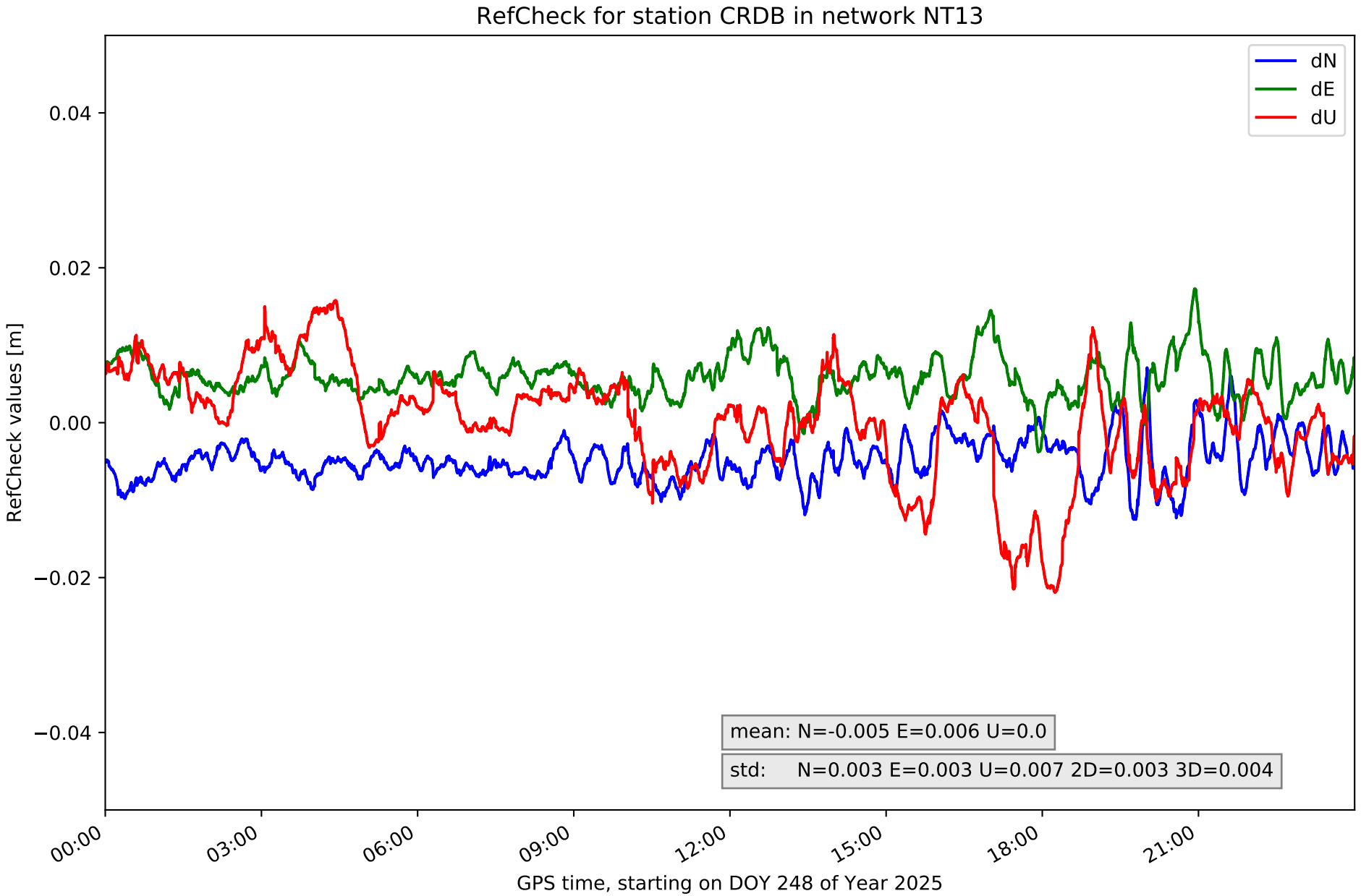

RefCheck for station ALGC in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=-0.002 U=-0.005
std: N=0.003 E=0.003 U=0.009 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

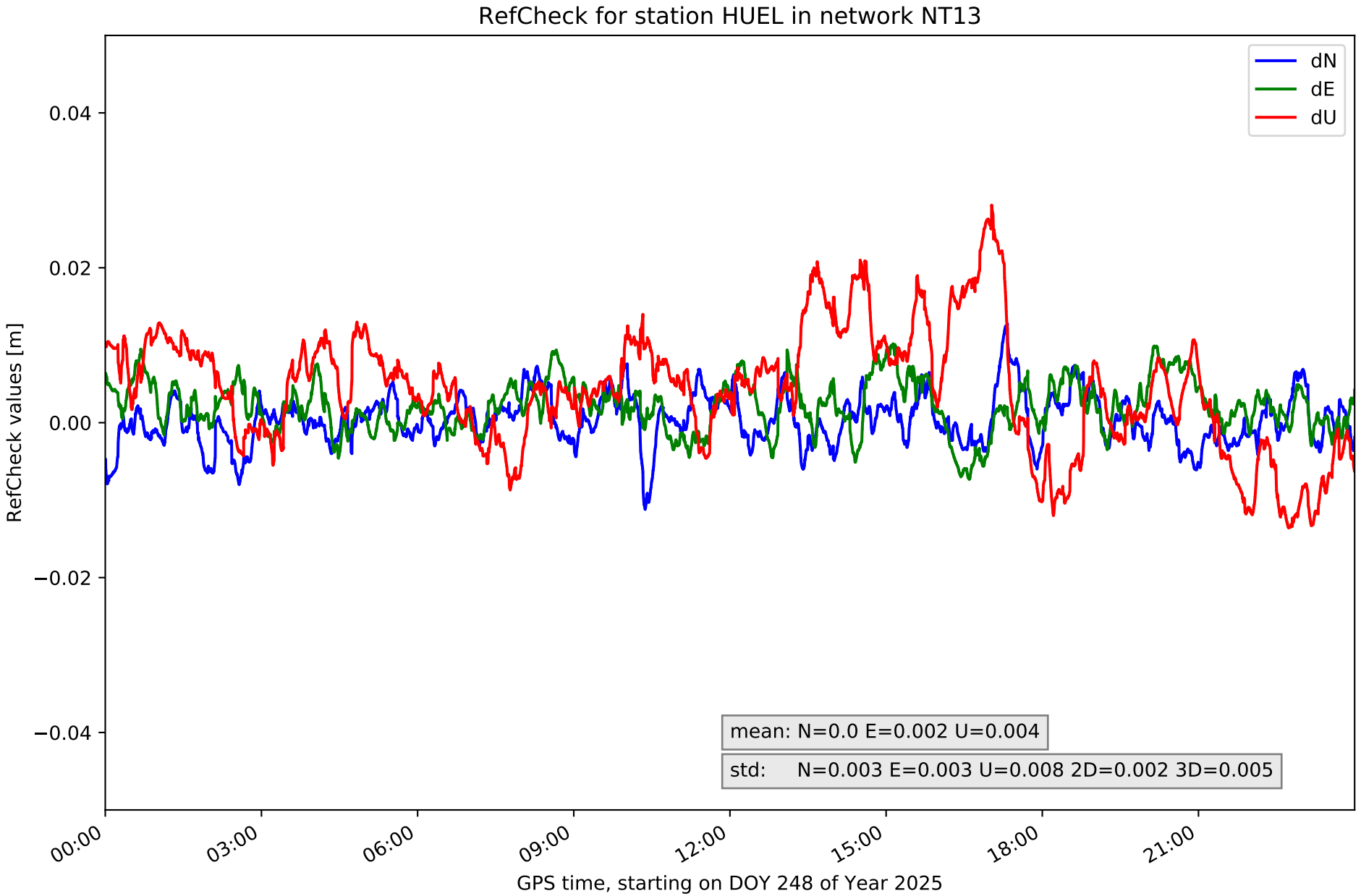

RefCheck for station AND2 in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.004 U=-0.009
std: N=0.003 E=0.002 U=0.007 2D=0.002 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

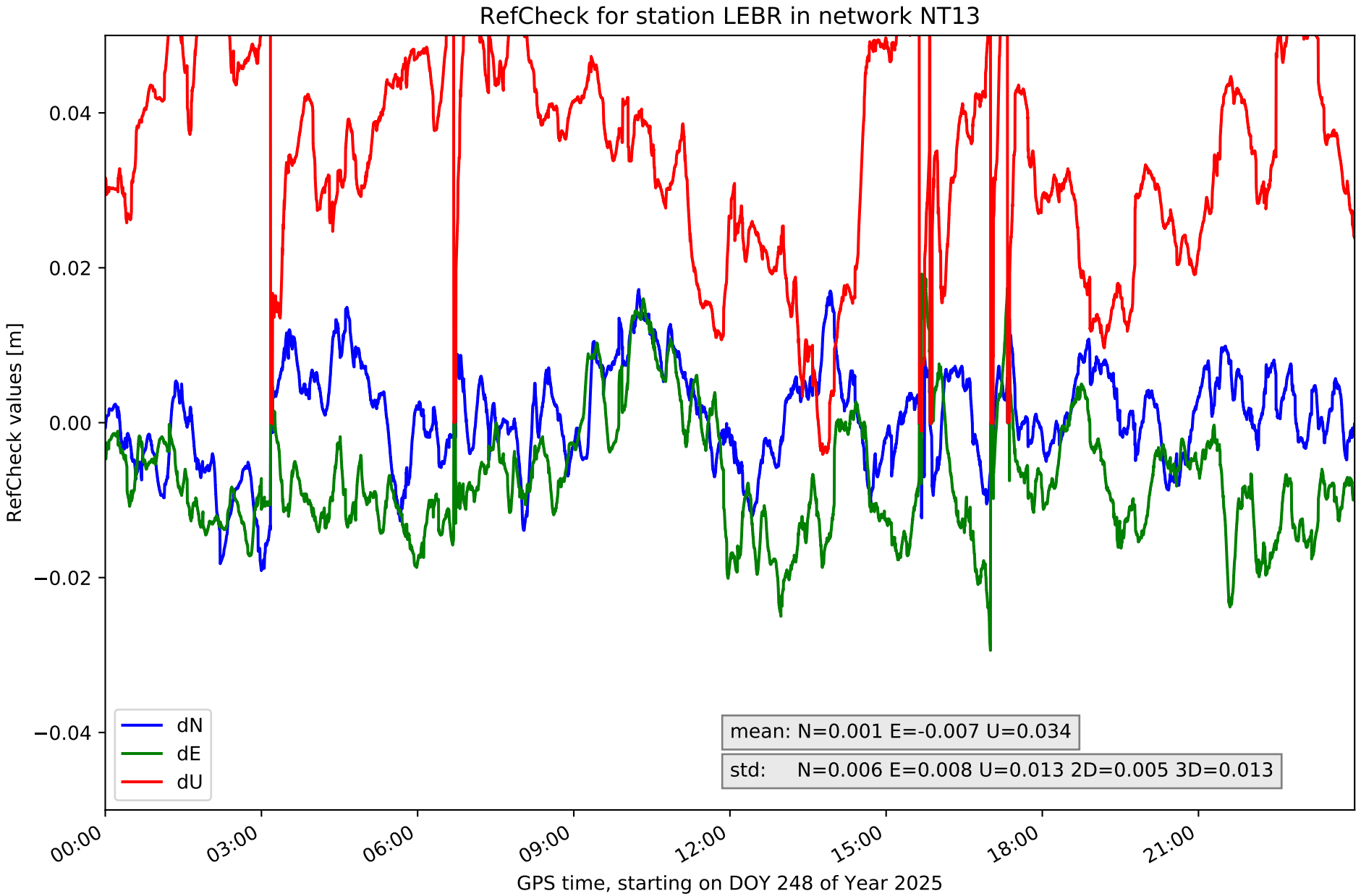

RefCheck for station CABR in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.007 U=-0.006
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

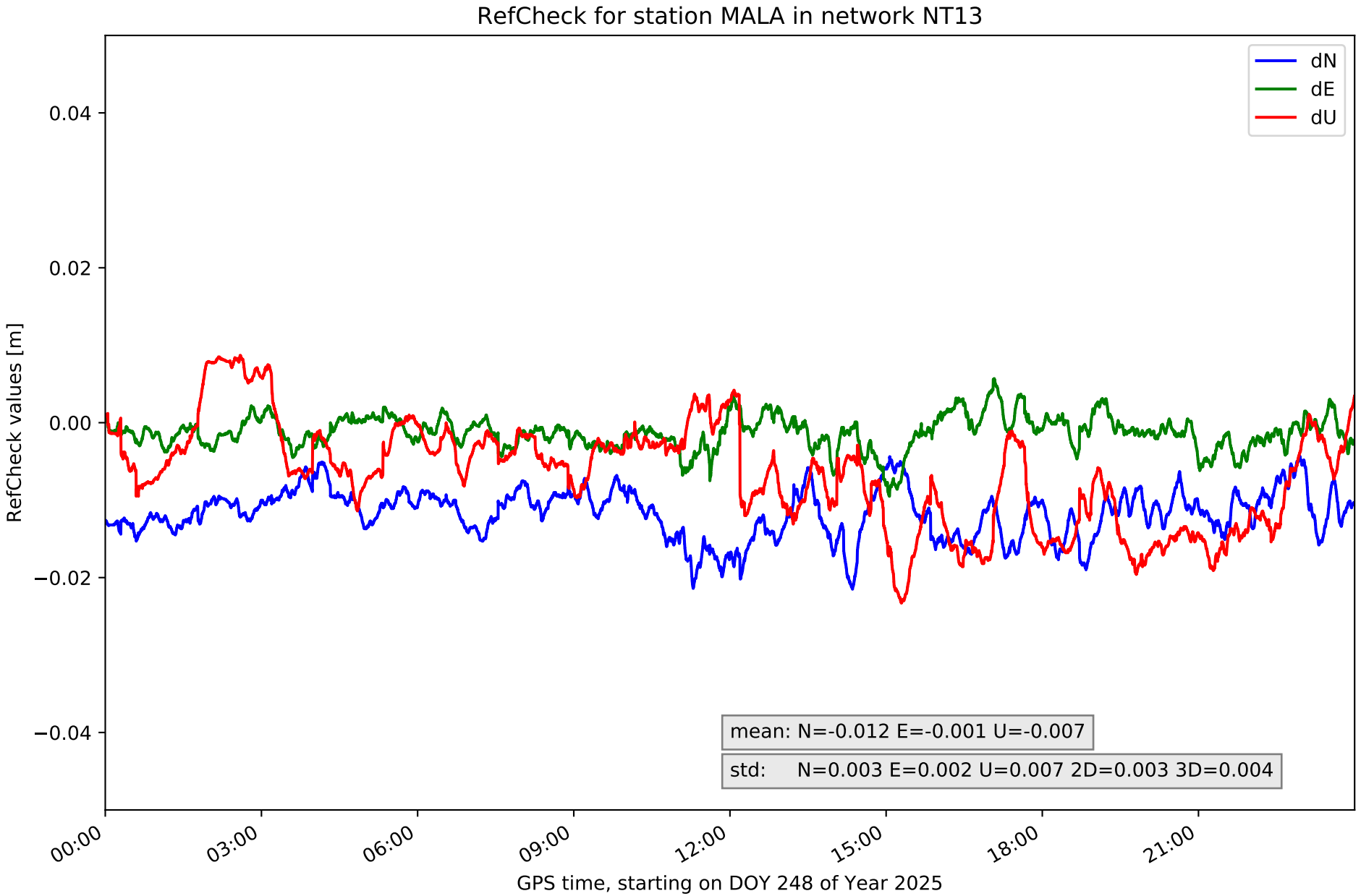

RefCheck for station CAZA in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.003 U=-0.002
std: N=0.003 E=0.003 U=0.007 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

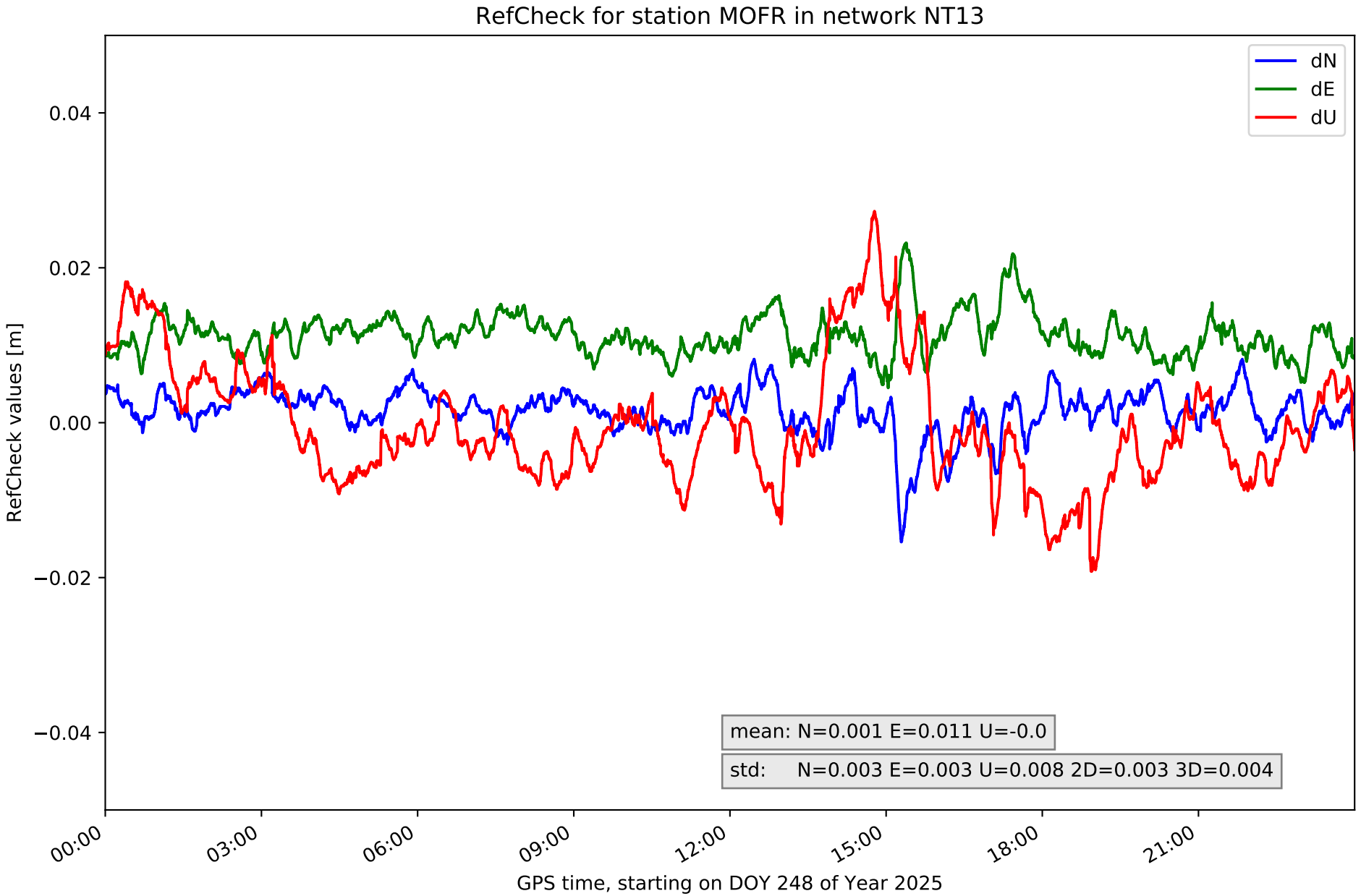

RefCheck for station CEU1 in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=-0.013 U=-0.006
std: N=0.003 E=0.003 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

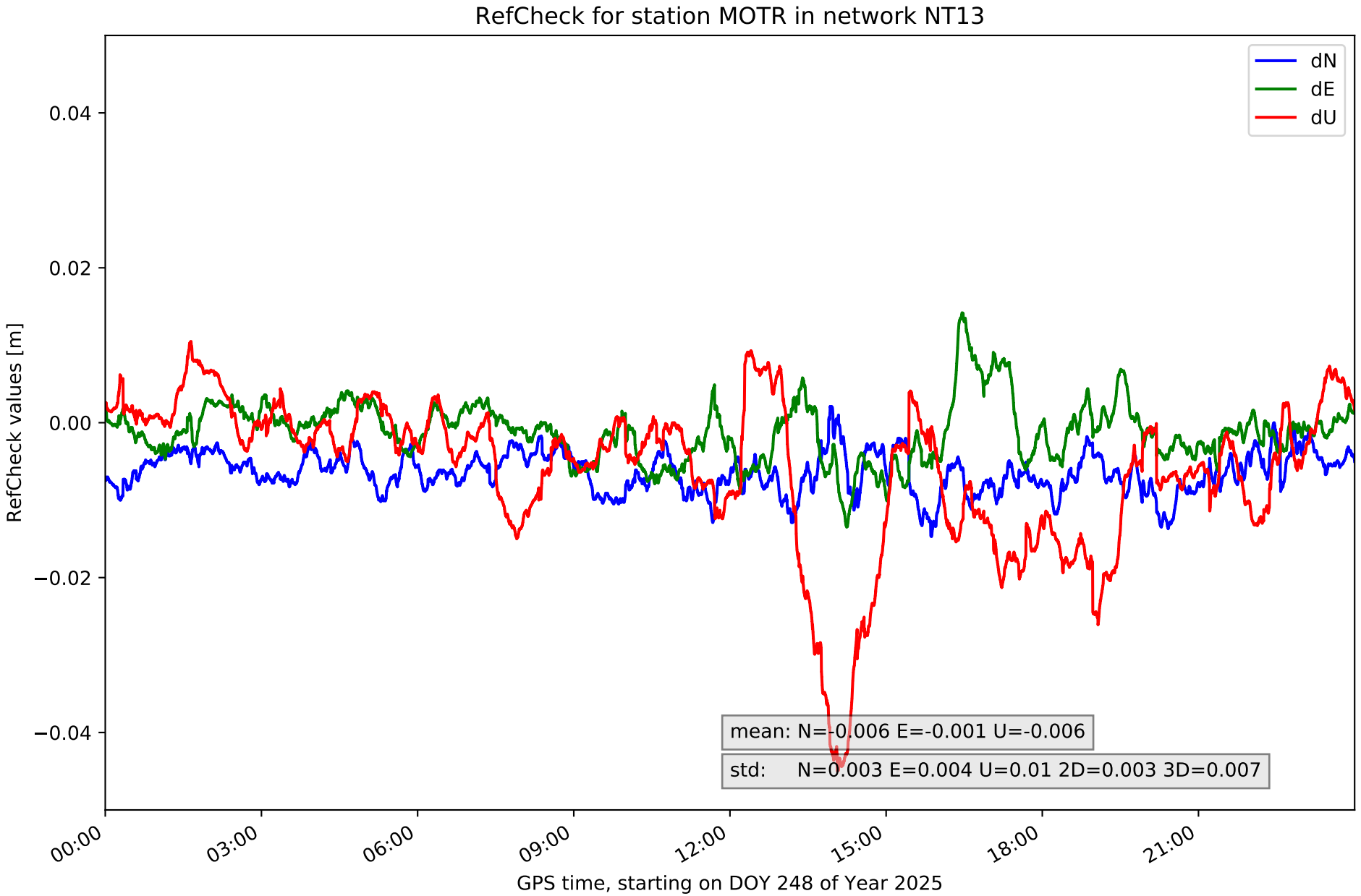

RefCheck for station CRDB in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=0.006 U=0.0
std: N=0.003 E=0.003 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

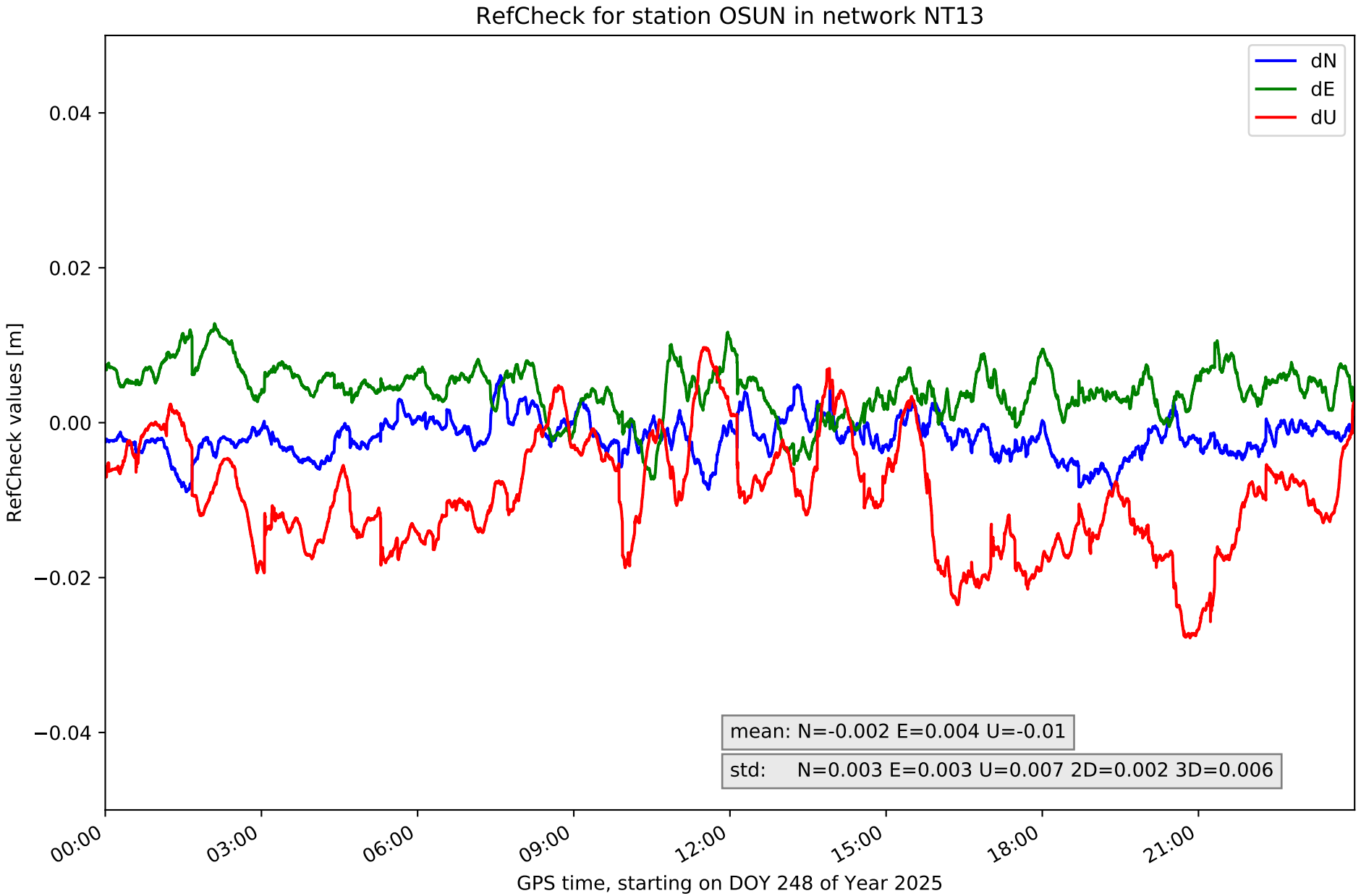

RefCheck for station HUEL in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.002 U=0.004
std: N=0.003 E=0.003 U=0.008 2D=0.002 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

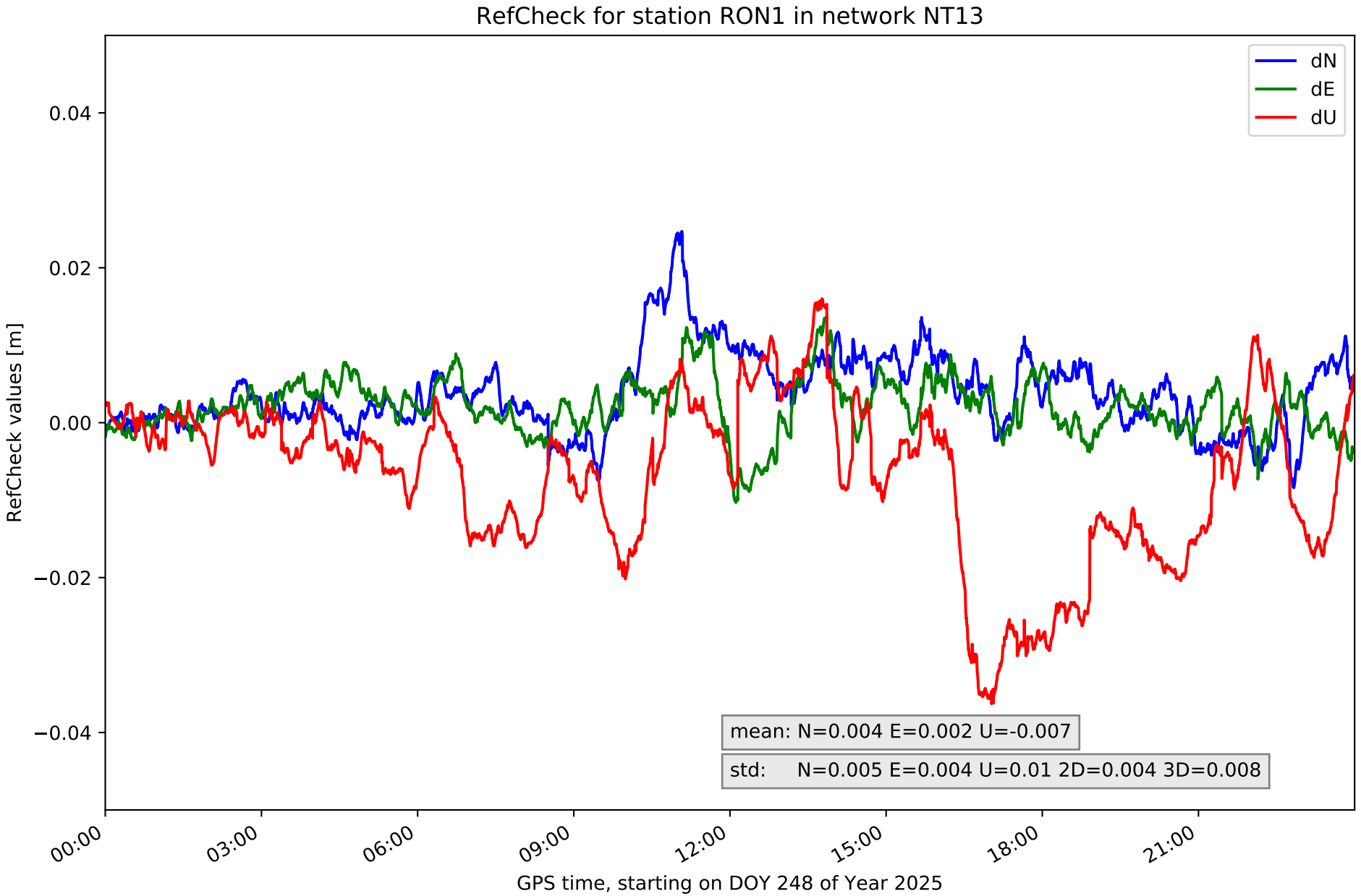

RefCheck for station LEBR in network NT13
RefCheck values [m]
0.04
0.02
0.00
−0.02
−0.04
dN
dE
dU
mean: N=0.001 E=-0.007 U=0.034
std: N=0.006 E=0.008 U=0.013 2D=0.005 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

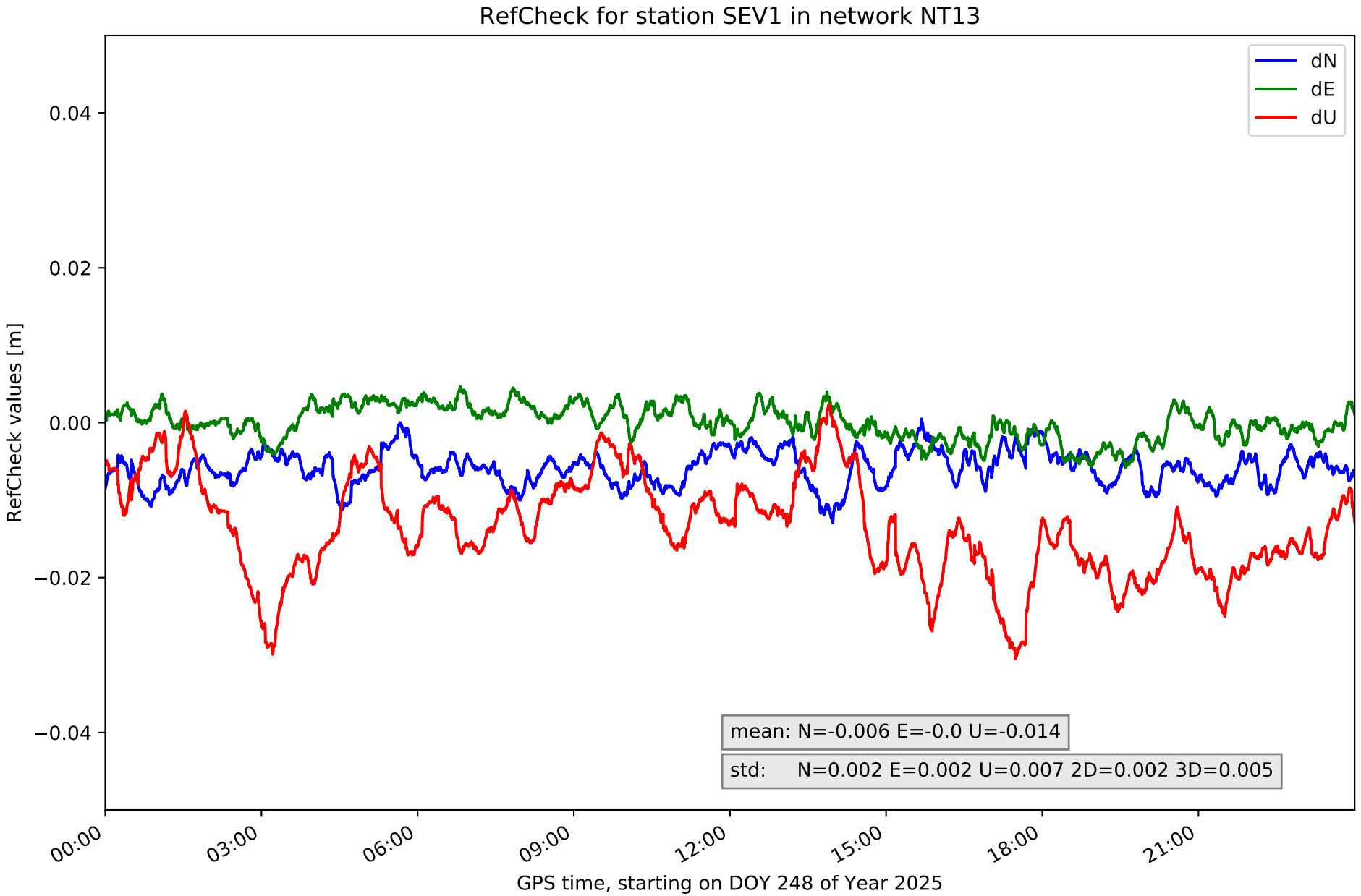

RefCheck for station MALA in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.012 E=-0.001 U=-0.007
std: N=0.003 E=0.002 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

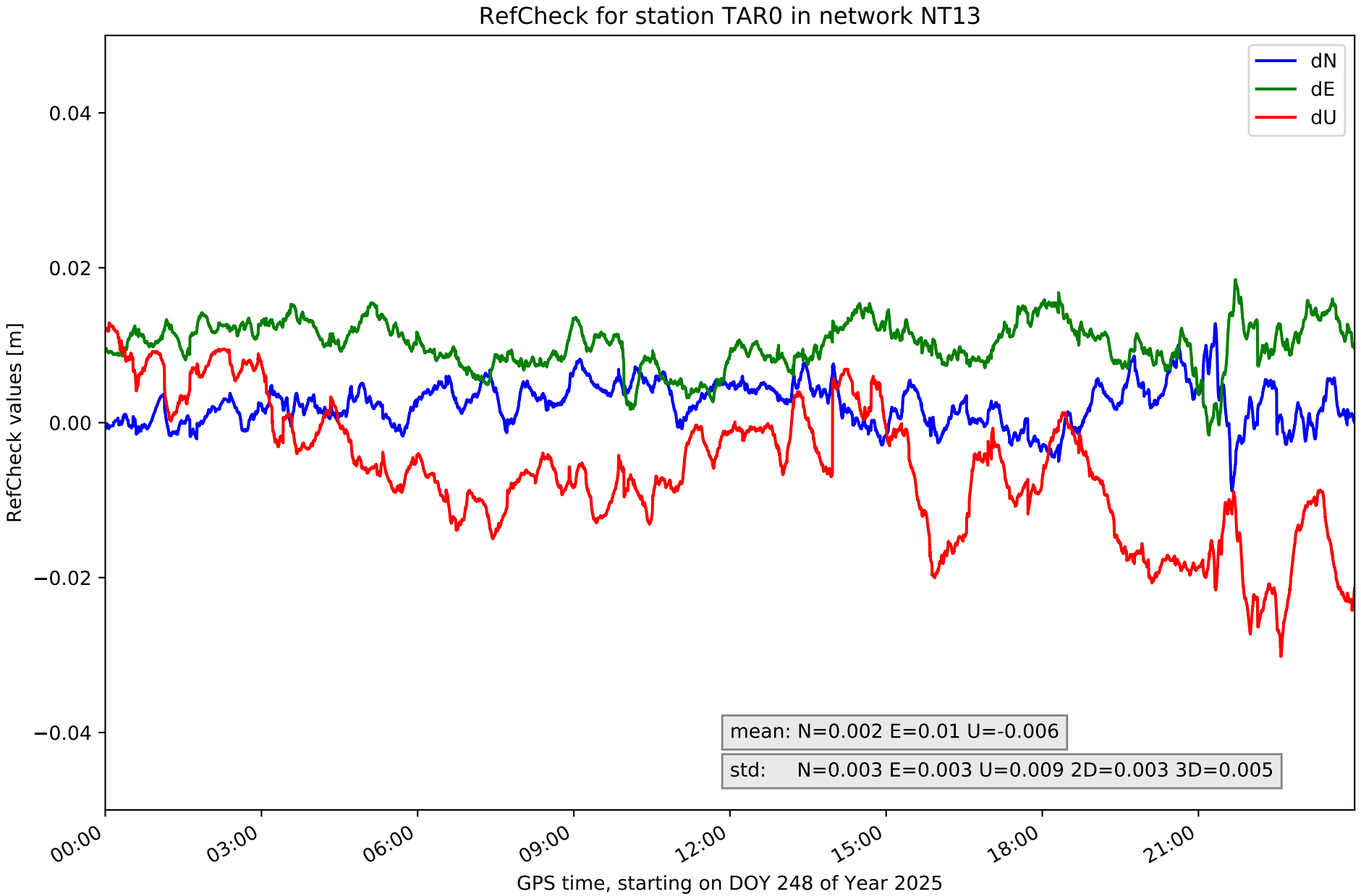

RefCheck for station MOFR in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.011 U=-0.0
std: N=0.003 E=0.003 U=0.008 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025

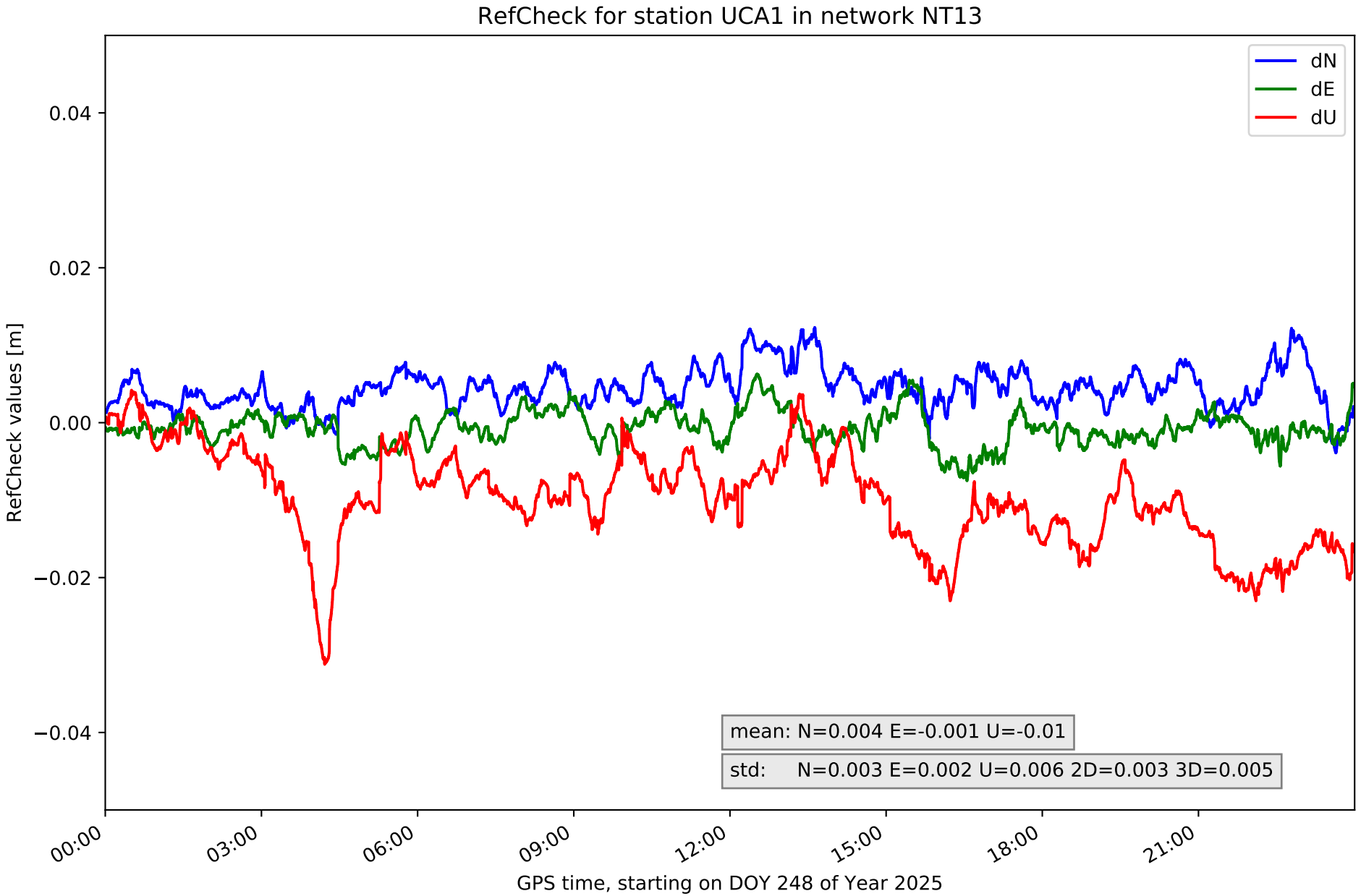

RefCheck for station MOTR in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.001 U=-0.006
std: N=0.003 E=0.004 U=0.01 2D=0.003 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025


RefCheck for station OSUN in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.004 U=-0.01
std: N=0.003 E=0.003 U=0.007 2D=0.002 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025


RefCheck for station RON1 in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.002 U=-0.007
std: N=0.005 E=0.004 U=0.01 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 248 of Year 2025


RefCheck for station SEV1 in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.0 U=-0.014
std: N=0.002 E=0.002 U=0.007 2D=0.002 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 248 of Year 2025


RefCheck for station TAR0 in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.01 U=-0.006
std: N=0.003 E=0.003 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 248 of Year 2025


RefCheck for station UCA1 in network NT13
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=-0.001 U=-0.01
std: N=0.003 E=0.002 U=0.006 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 248 of Year 2025

RefCheck values for network NT13

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ALGC	-0.006	0.017	0.003	-0.013	0.009	0.003	-0.029	0.012	0.009	0.003	0.006	8333	11.6	6936	9.7
AND2	-0.014	0.005	0.003	-0.002	0.009	0.002	-0.031	0.005	0.007	0.002	0.005	1632	2.3	4590	6.4
CABR	-0.006	0.013	0.003	-0.0	0.012	0.002	-0.025	0.009	0.006	0.002	0.004	5127	7.1	2915	4.1
CAZA	-0.004	0.012	0.003	-0.01	0.008	0.003	-0.023	0.018	0.007	0.002	0.004	2548	3.5	1863	2.6
CEU1	-0.012	0.012	0.003	-0.019	0.002	0.003	-0.023	0.017	0.007	0.003	0.004	**67884**	**94.4**	13744	19.1
CRDB	-0.013	0.007	0.003	-0.004	0.017	0.003	-0.022	0.016	0.007	0.003	0.004	15668	21.8	1290	1.8
HUEL	-0.011	0.013	0.003	-0.007	0.01	0.003	-0.014	0.028	0.008	0.002	0.005	1139	1.6	2010	2.8
LEBR	-0.019	0.017	**0.006**	**-0.029**	0.019	**0.008**	-0.004	**0.061**	**0.013**	**0.005**	**0.013**	39063	54.3	**63264**	**88.0**
MALA	**-0.021**	-0.004	0.003	-0.009	0.006	0.002	-0.023	0.009	0.007	0.003	0.004	53456	74.4	11579	16.1
MOFR	-0.015	0.008	0.003	0.004	**0.023**	0.003	-0.019	0.027	0.008	0.003	0.004	52956	73.7	6085	8.5
MOTR	-0.015	0.002	0.003	-0.013	0.014	0.004	**-0.045**	0.011	0.01	0.003	0.007	12730	17.7	7964	11.1
OSUN	-0.009	0.006	0.003	-0.007	0.013	0.003	-0.028	0.01	0.007	0.002	0.006	3050	4.2	5881	8.2
RON1	-0.008	**0.025**	0.005	-0.01	0.014	0.004	-0.036	0.016	0.01	0.004	0.008	11843	16.5	10070	14.0
SEV1	-0.013	0.001	0.002	-0.006	0.005	0.002	-0.03	0.002	0.007	0.002	0.005	2867	4.0	15593	21.7
TAR0	-0.009	0.013	0.003	-0.002	0.018	0.003	-0.03	0.013	0.009	0.003	0.005	45432	63.2	10219	14.2
UCA1	-0.004	0.012	0.003	-0.007	0.006	0.002	-0.031	0.004	0.006	0.003	0.005	4151	5.8	7239	10.1
Mean	**-0.011**	**0.01**	**0.003**	**-0.008**	**0.012**	**0.003**	**-0.026**	**0.016**	**0.008**	**0.003**	**0.006**	**20492.4**	**28.5**	**10702.6**	**14.9**
Min/Max	**-0.021**	**0.025**	**0.006**	**-0.029**	**0.023**	**0.008**	**-0.045**	**0.061**	**0.013**	**0.005**	**0.013**	**67884**	**94.4**	**63264**	**88.0**

fixing statistic for network NT13

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	93.8	94.2	94.9	95.8	90.7
considering satellites with dual-frequency fixed	92.7	92.3	92.6	94.5	90.8
considering all signals separately	93.0	92.6	92.6	94.7	90.4