summary for network NT15

timeperiod chosen: from 2024-07-15-00:00:00 until 2024-07-15-23:59:59

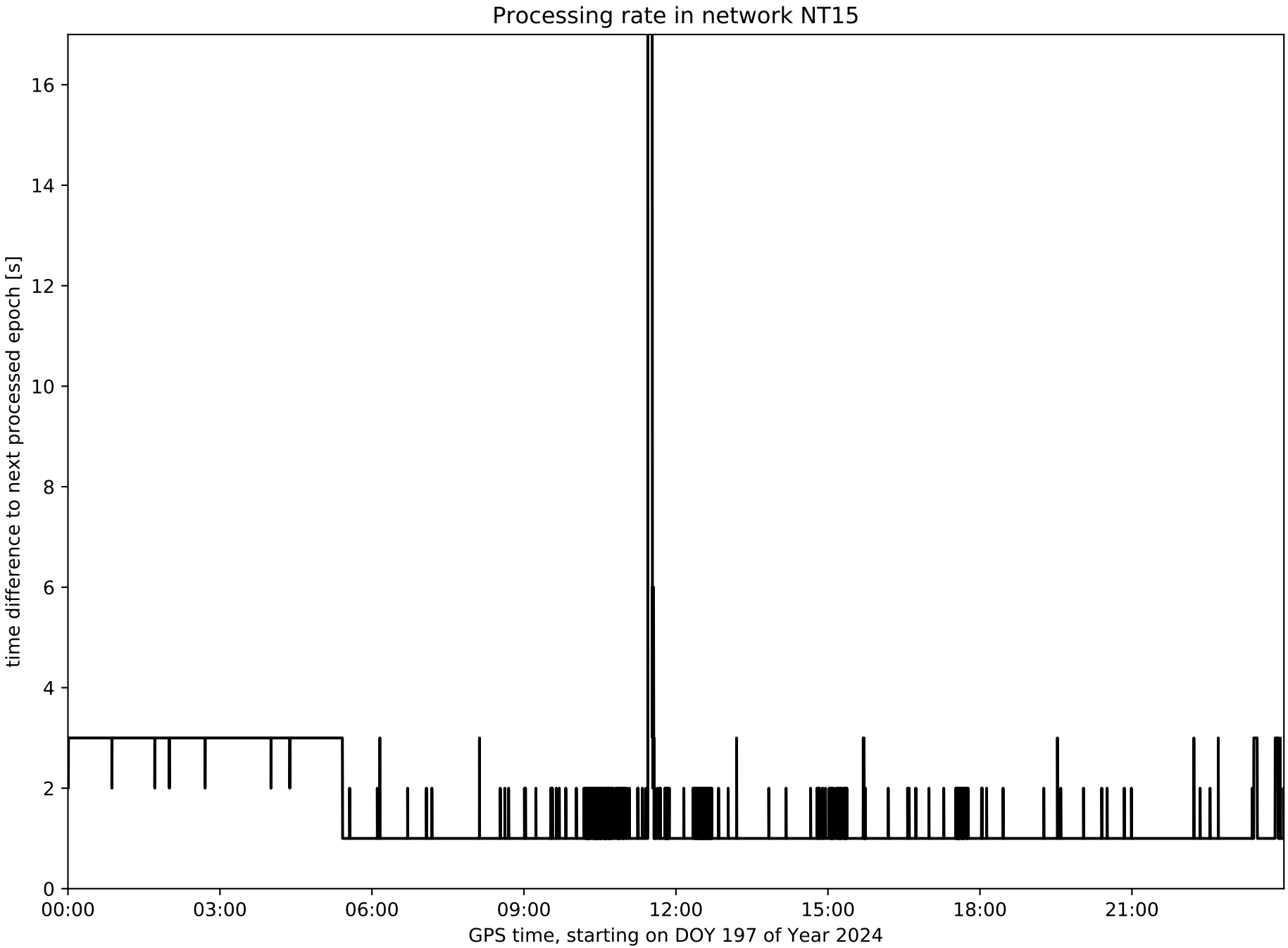
average update rate (durations larger than 15 seconds considered as observation gap): 1.2 seconds

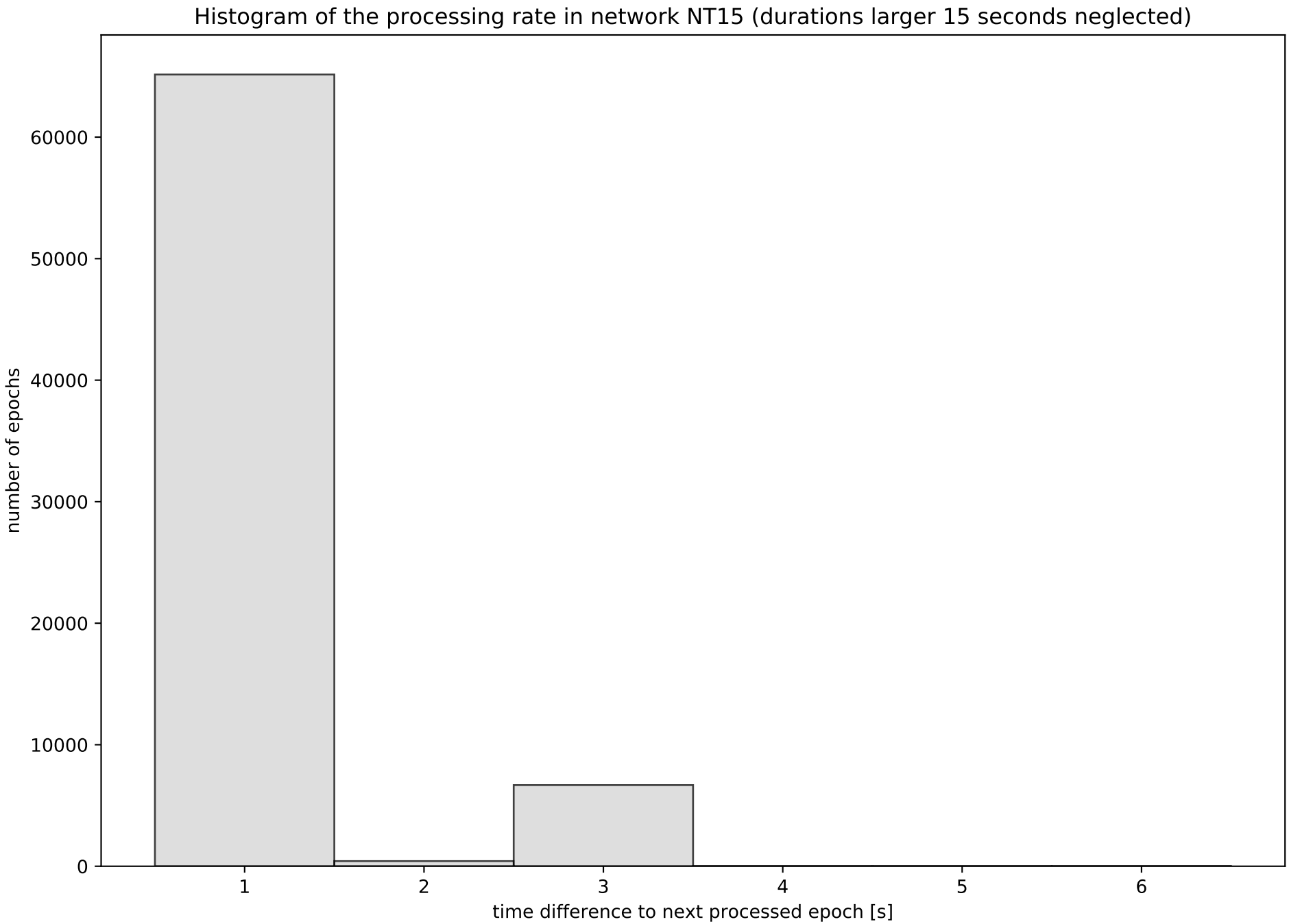
average fixing percentage with threshold set to 0.3: 92.7 percent

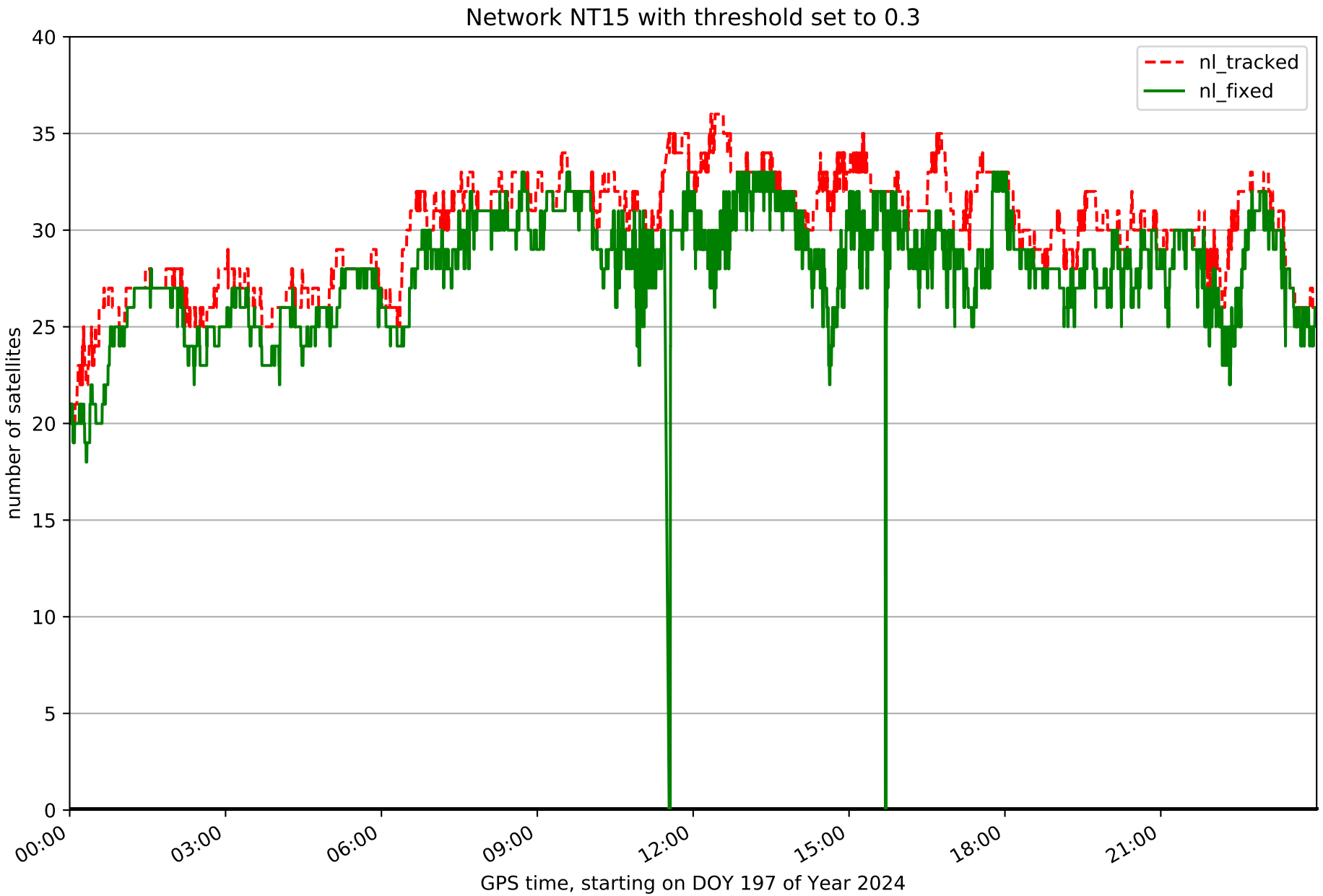
stations available: 12 of 12

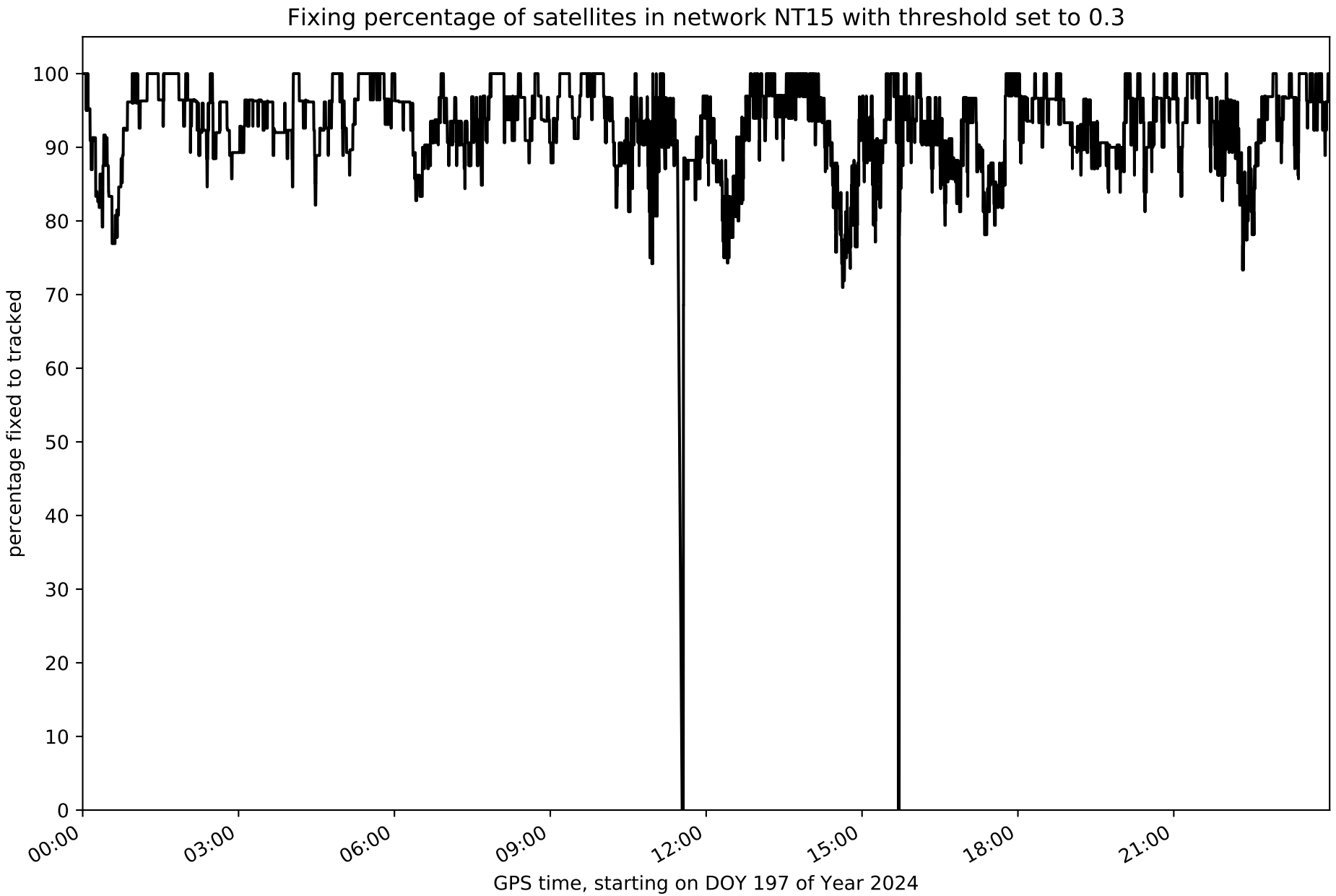
station information:

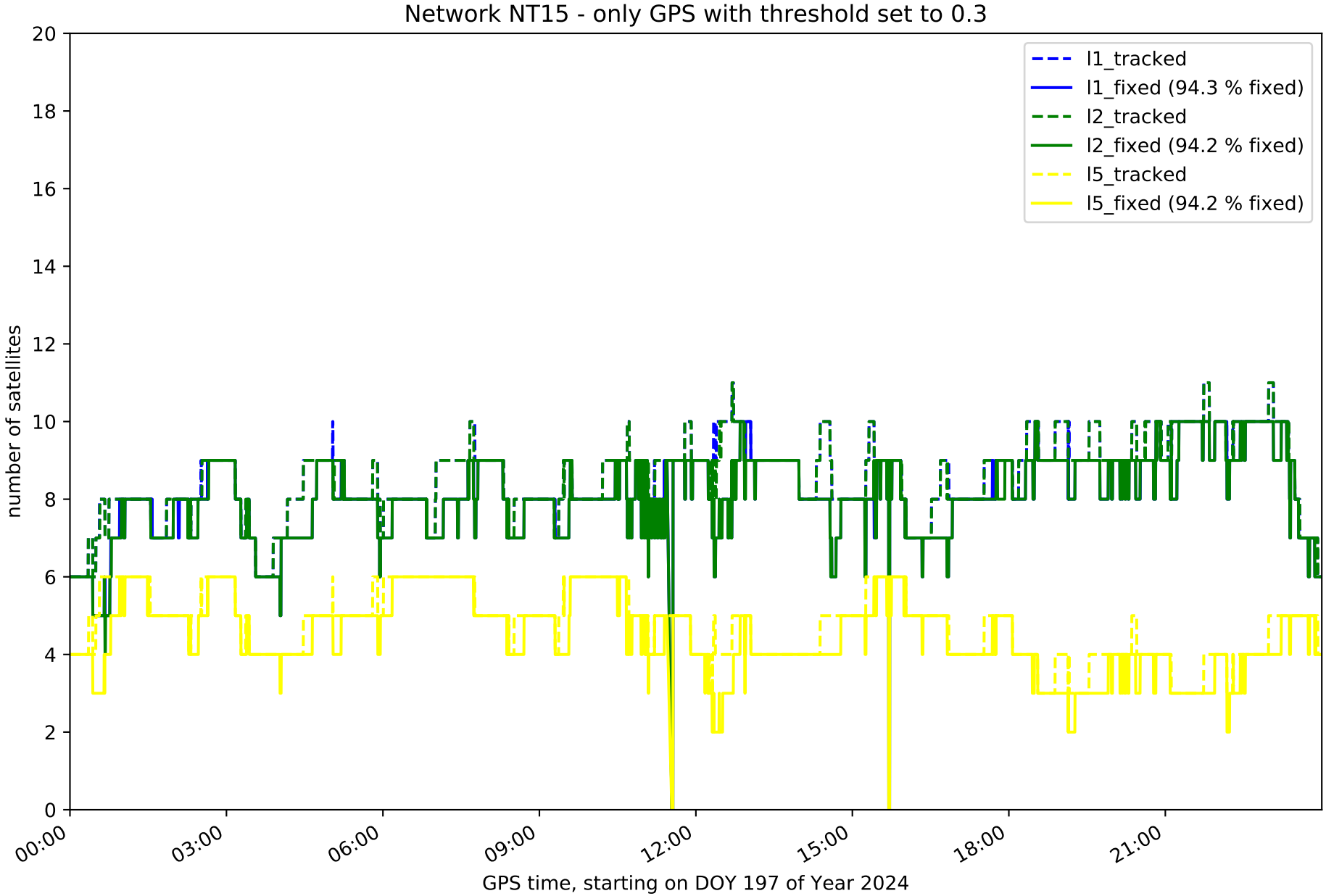
station ACIN:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1178.47
station AJAL:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 884.142
station ALC1:	antenna: TRM57971.00	TZGD	receiver: TRIMBLE NETR9	height: 397.675
station ALIA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1169.276
station BERG:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 892.808
station CUEN:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 998.123
station MOLI:	antenna: LEIAR20	LEIM	receiver: LEICA GR25	height: 1119.45
station MUNI:	antenna: GPPNULLANTENNA	NONE	receiver: TPS NET-G3	height: 854.946
station QNTO:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 216.666
station TERU:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 956.227
station UTI1:	antenna: TRM159900.00	SCIS	receiver: TRIMBLE NETR9	height: 798.701
station YEBE:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 972.816

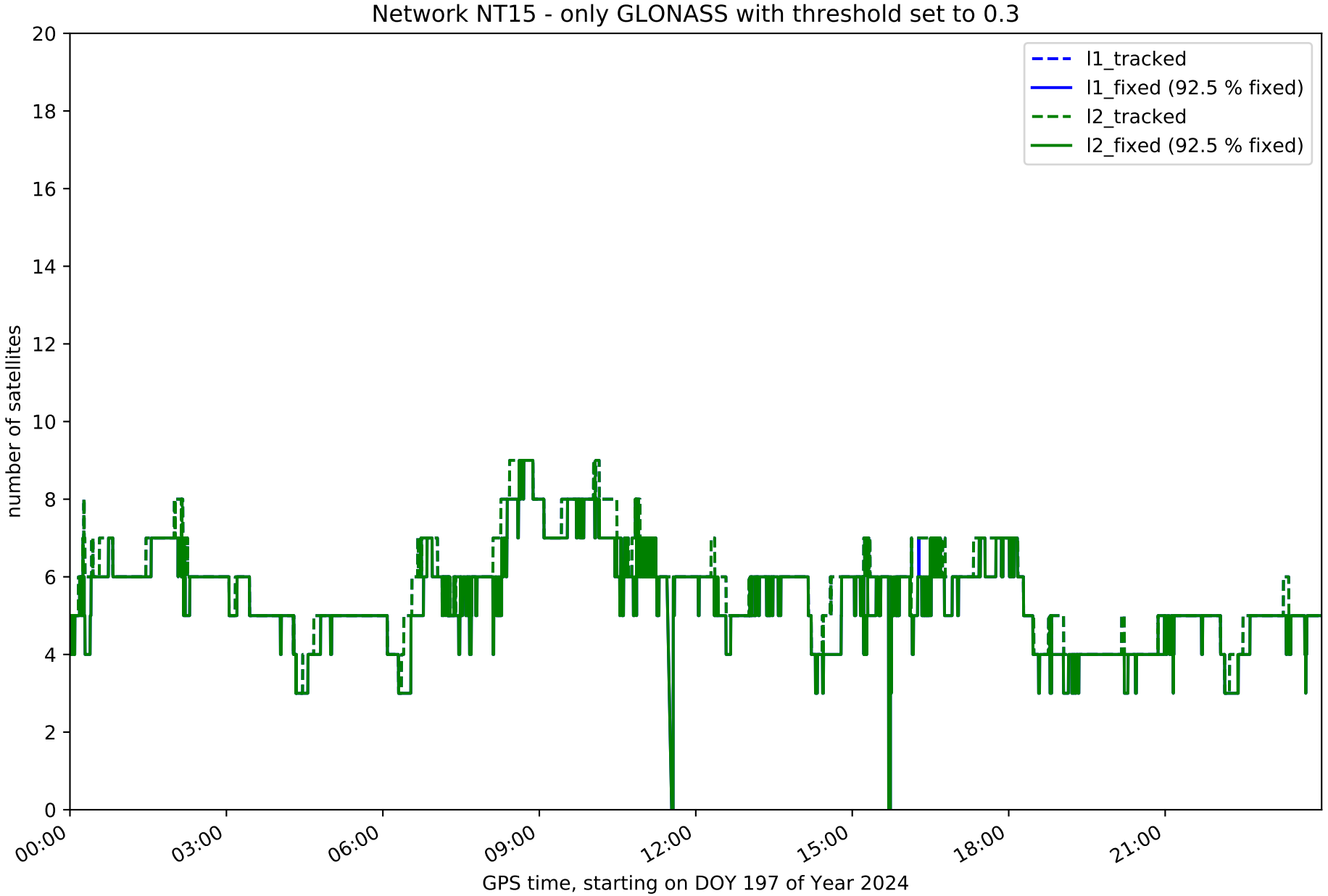

Processing rate in network NT15
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

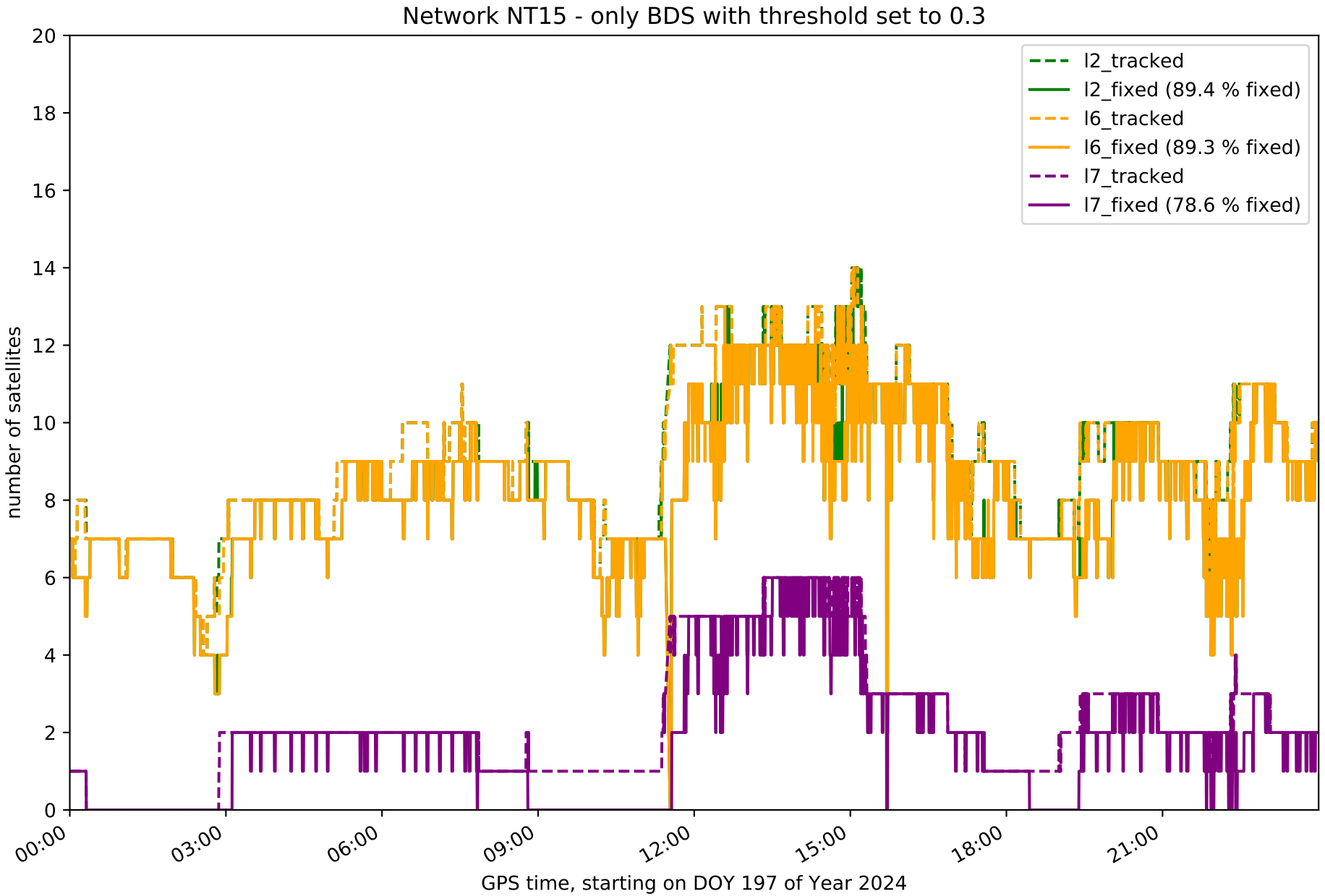

Histogram of the processing rate in network NT15 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
1
2
3
4
5
6
time difference to next processed epoch [s]

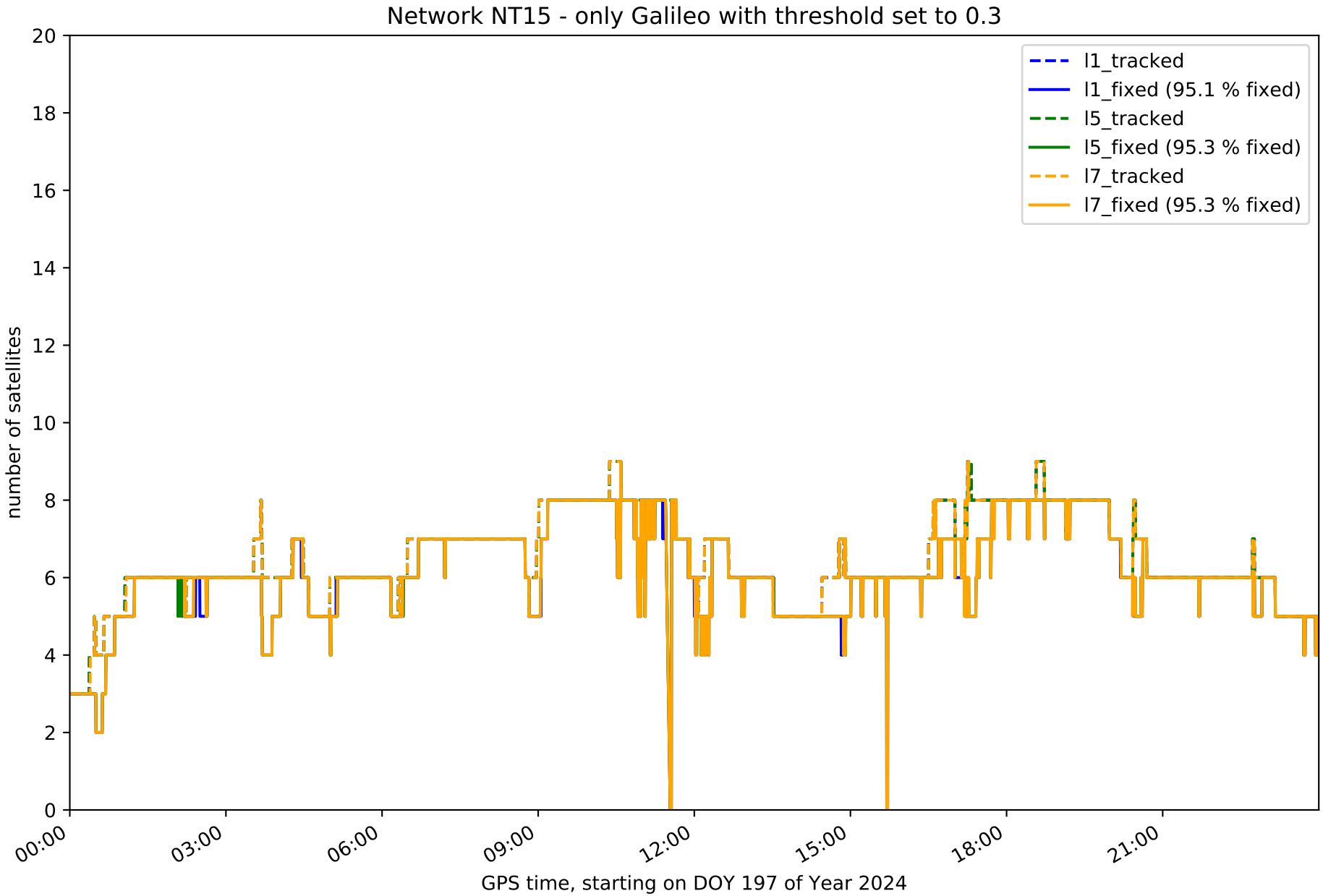

Network NT15 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

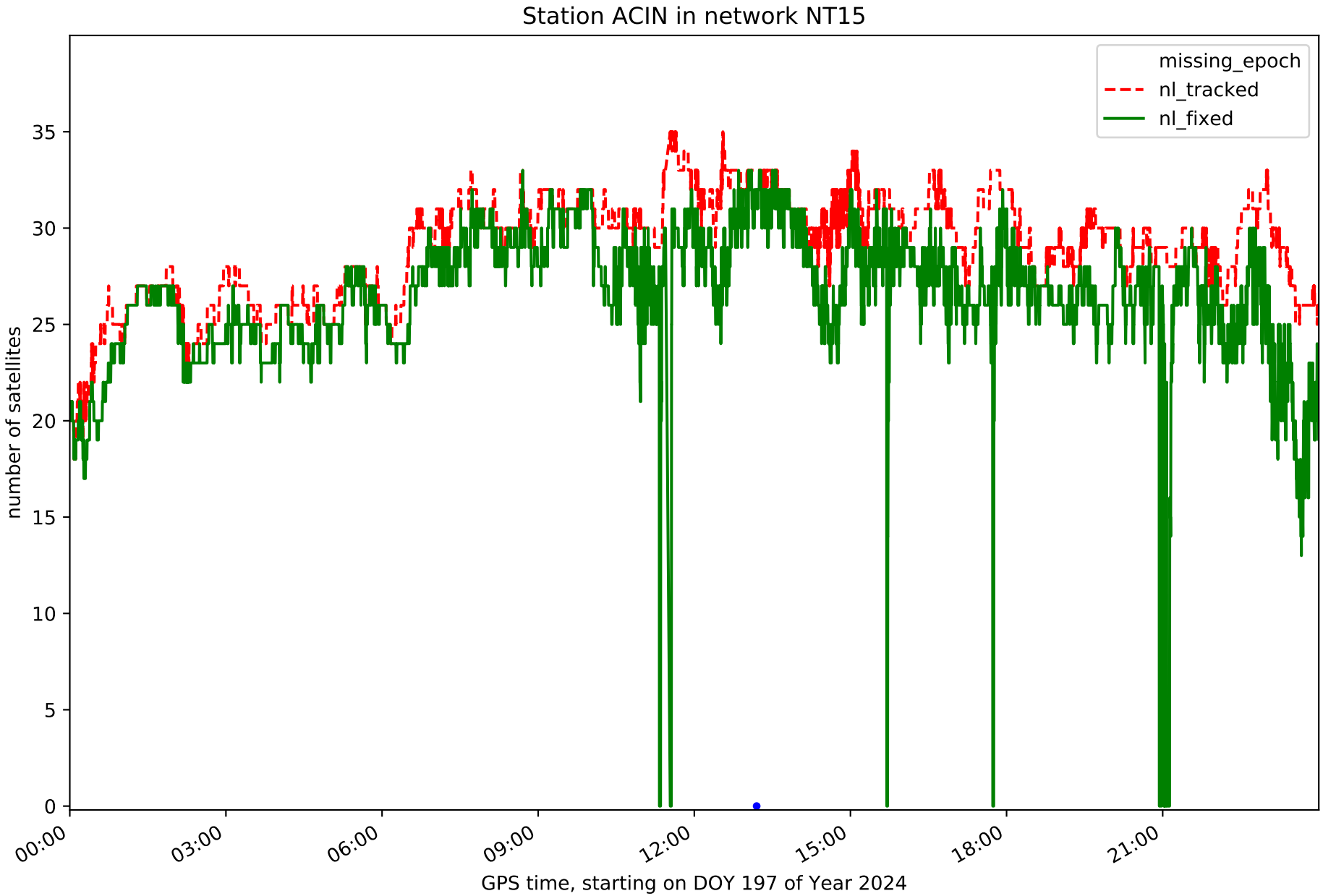

Fixing percentage of satellites in network NT15 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

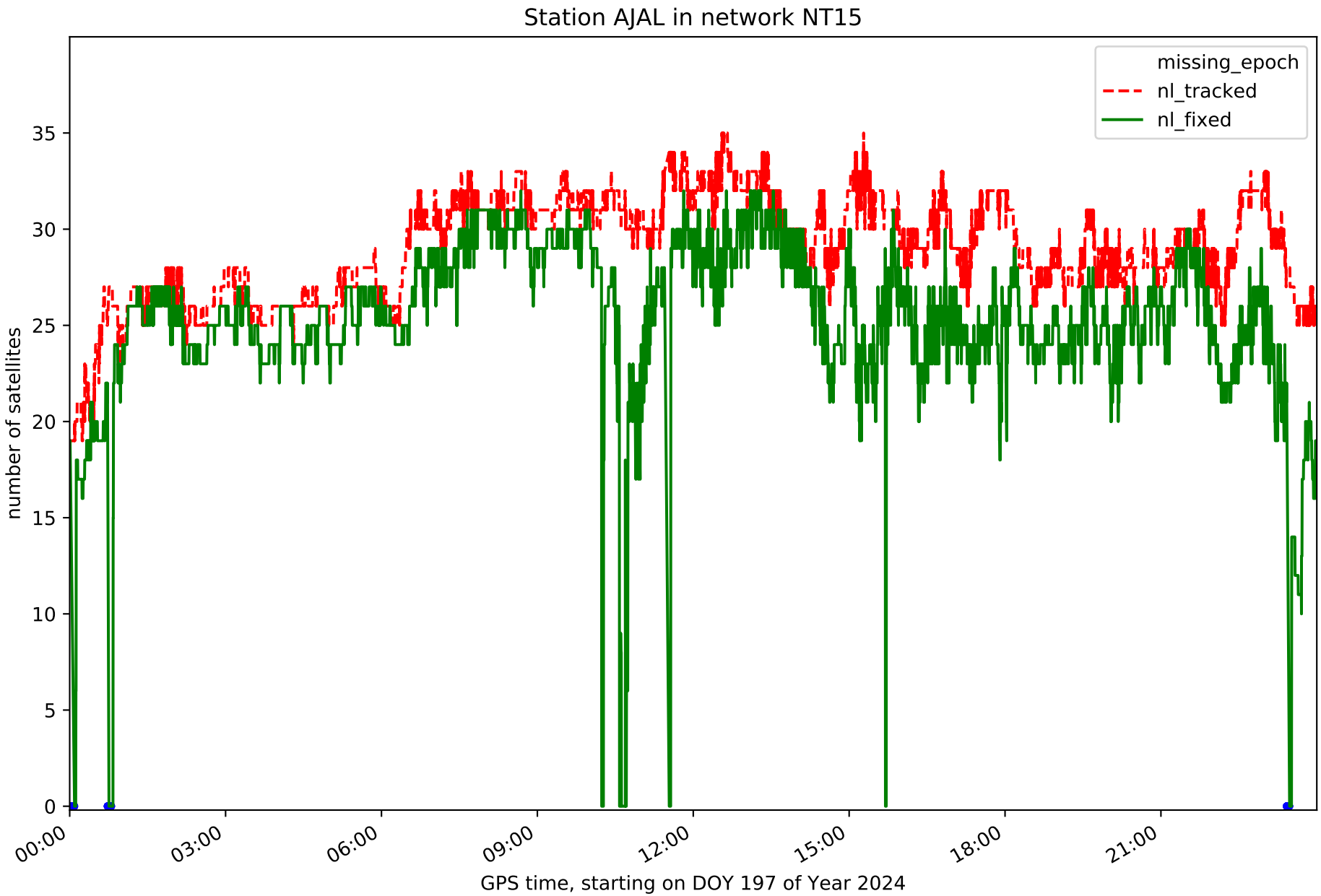

Network NT15 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 197 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (94.3 % fixed)
l2_tracked
l2_fixed (94.2 % fixed)
l5_tracked
l5_fixed (94.2 % fixed)

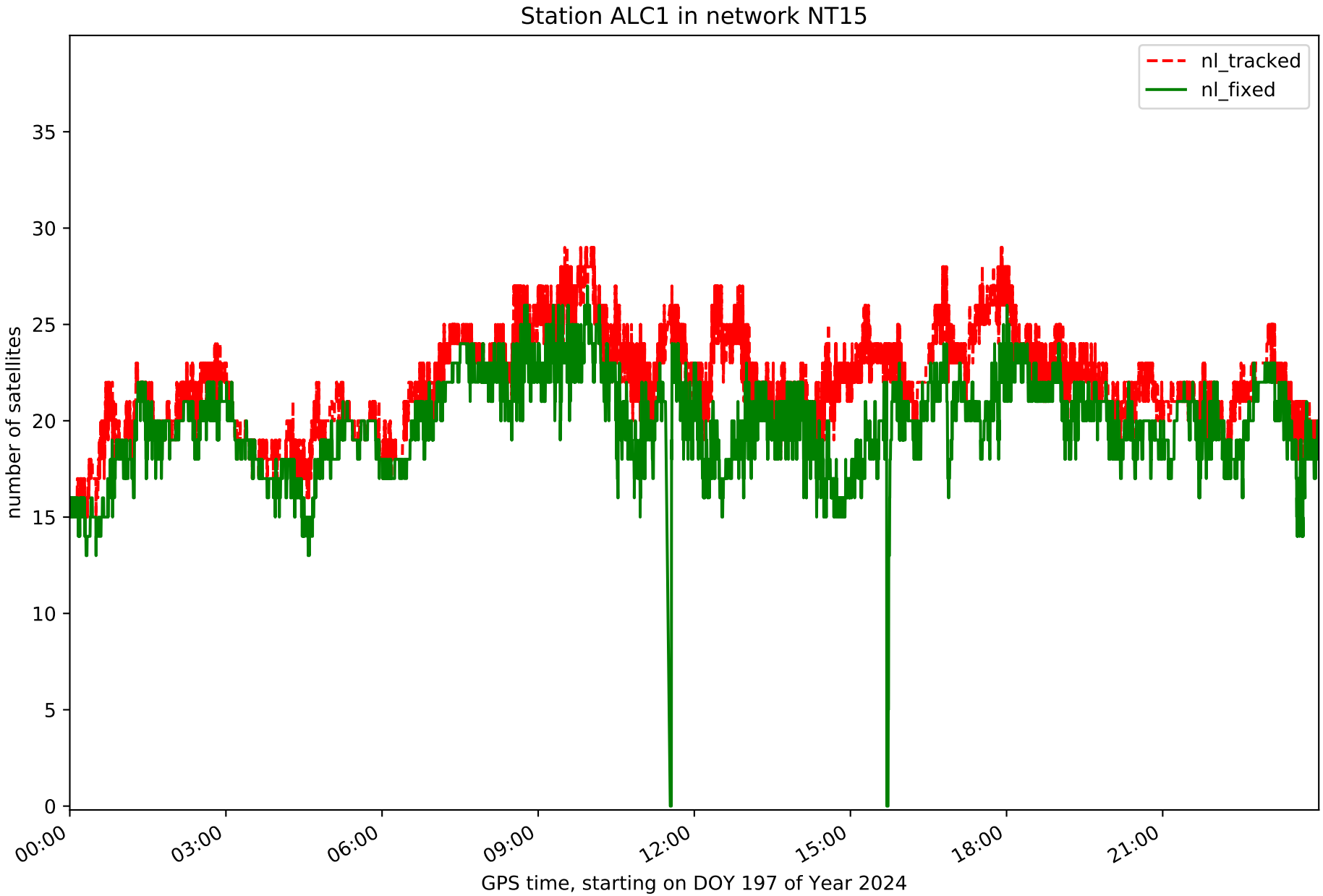

Network NT15 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (92.5 % fixed)
l2_tracked
l2_fixed (92.5 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

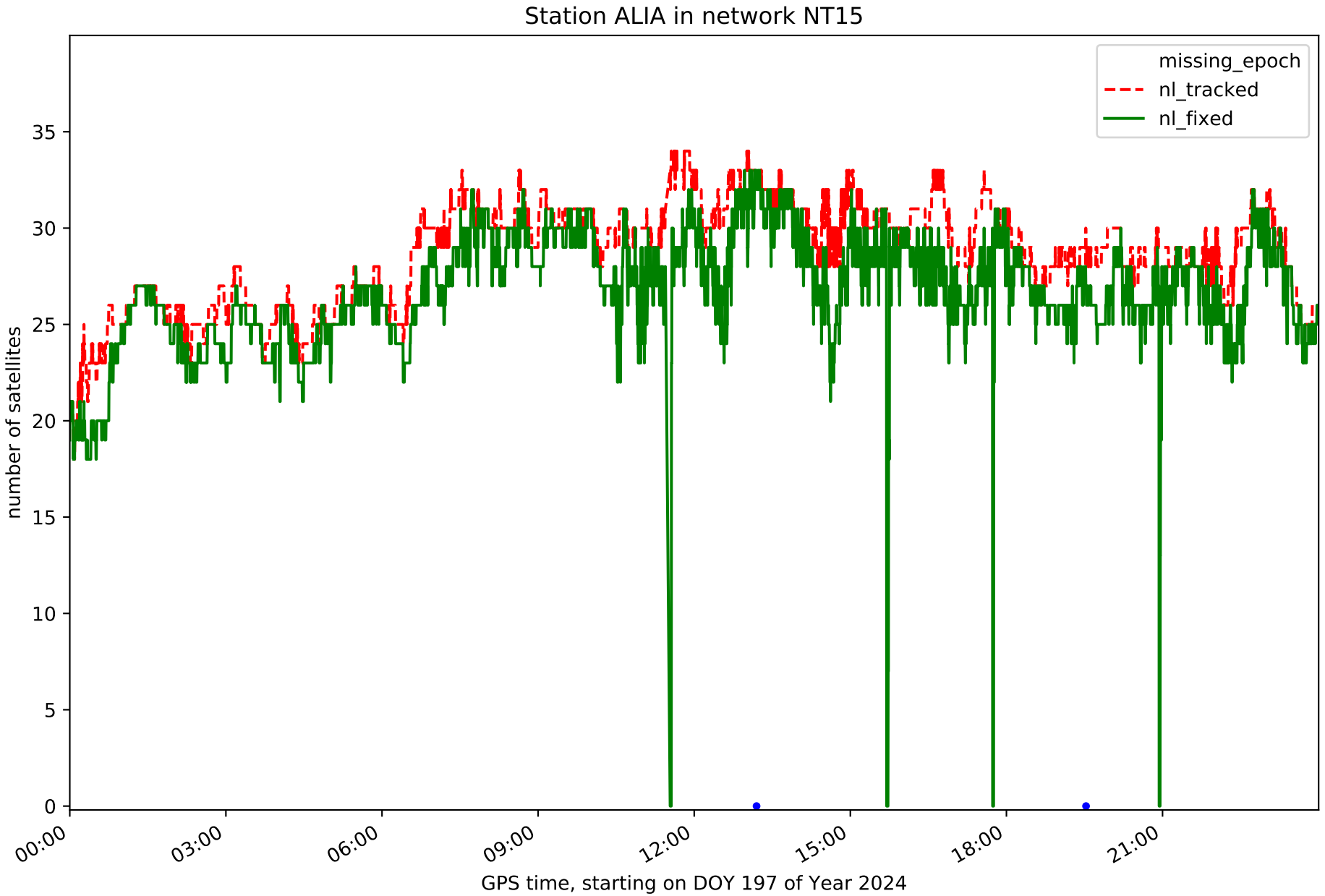

Network NT15 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 197 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (89.4 % fixed)
I6_tracked
I6_fixed (89.3 % fixed)
I7_tracked
I7_fixed (78.6 % fixed)

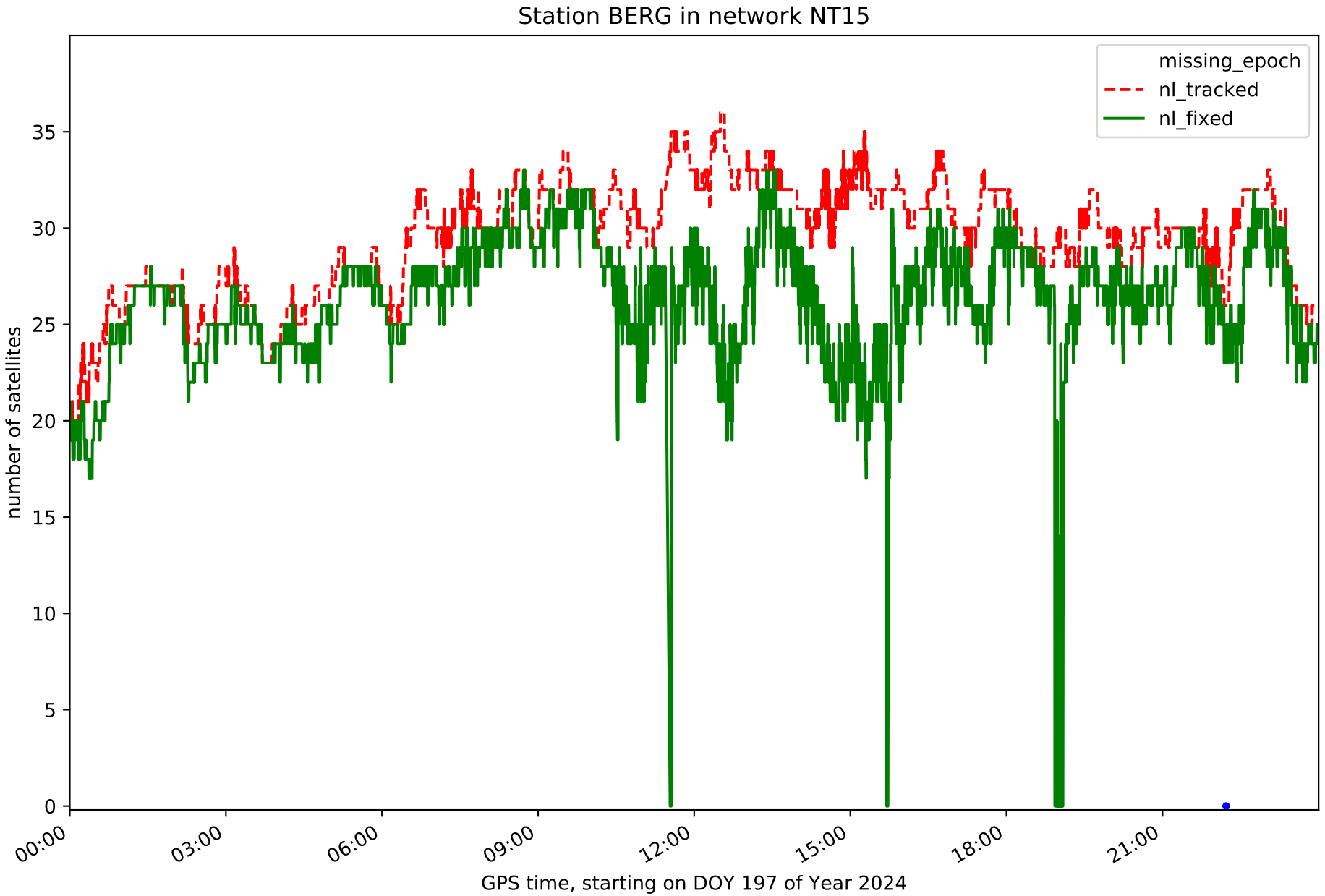

Network NT15 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 197 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (95.1 % fixed)
l5_tracked
l5_fixed (95.3 % fixed)
l7_tracked
l7_fixed (95.3 % fixed)

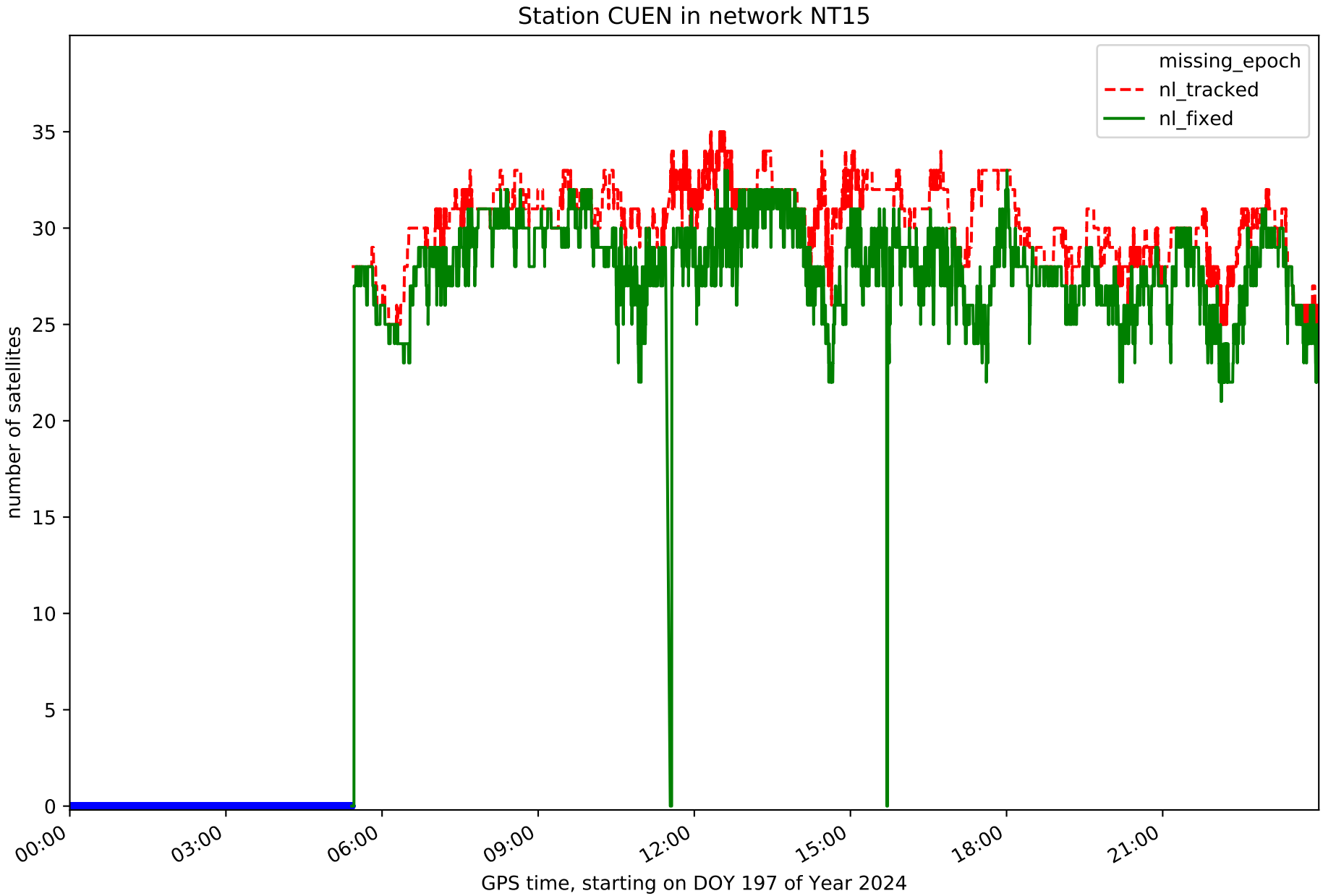

Station ACIN in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

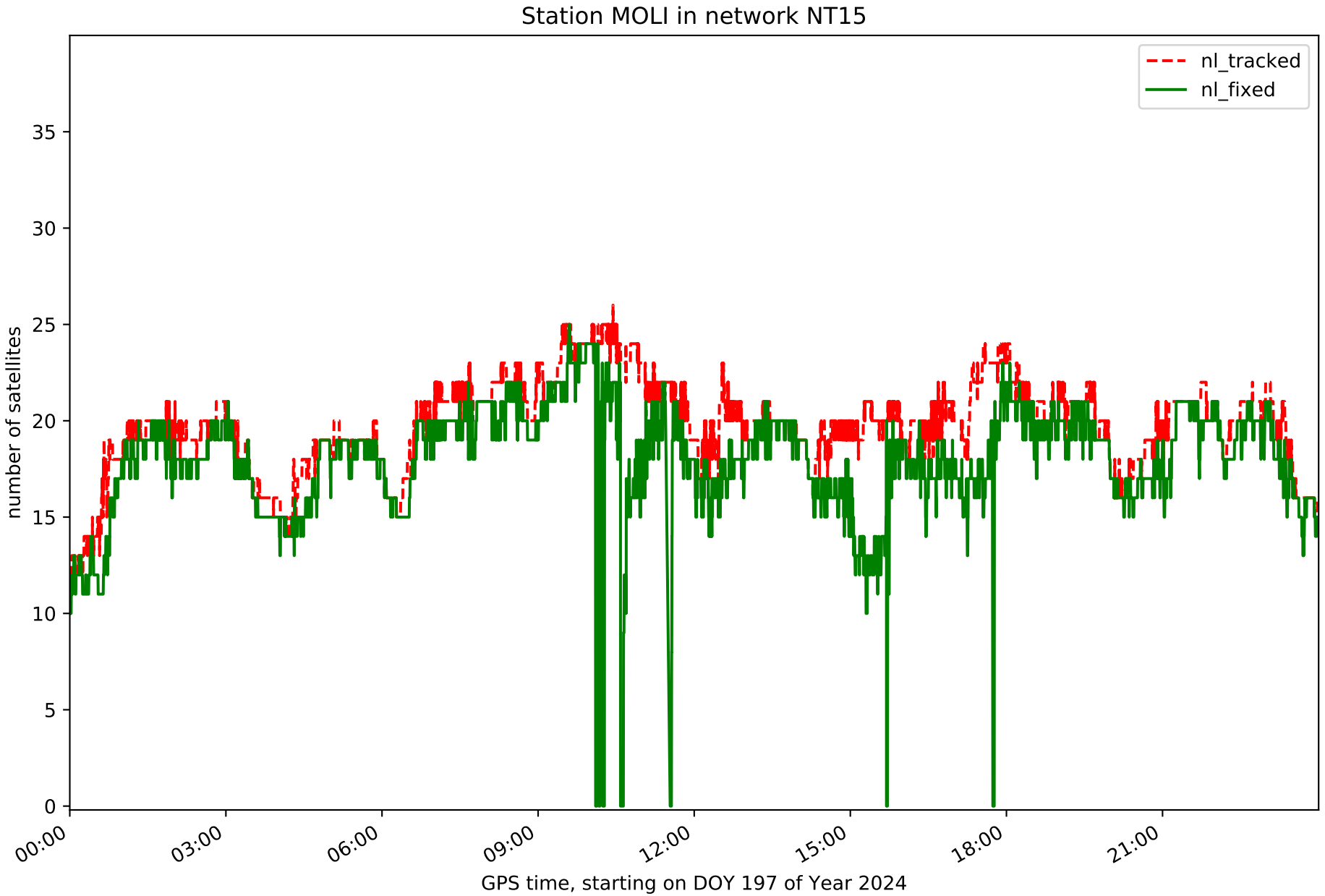

Station AJAL in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

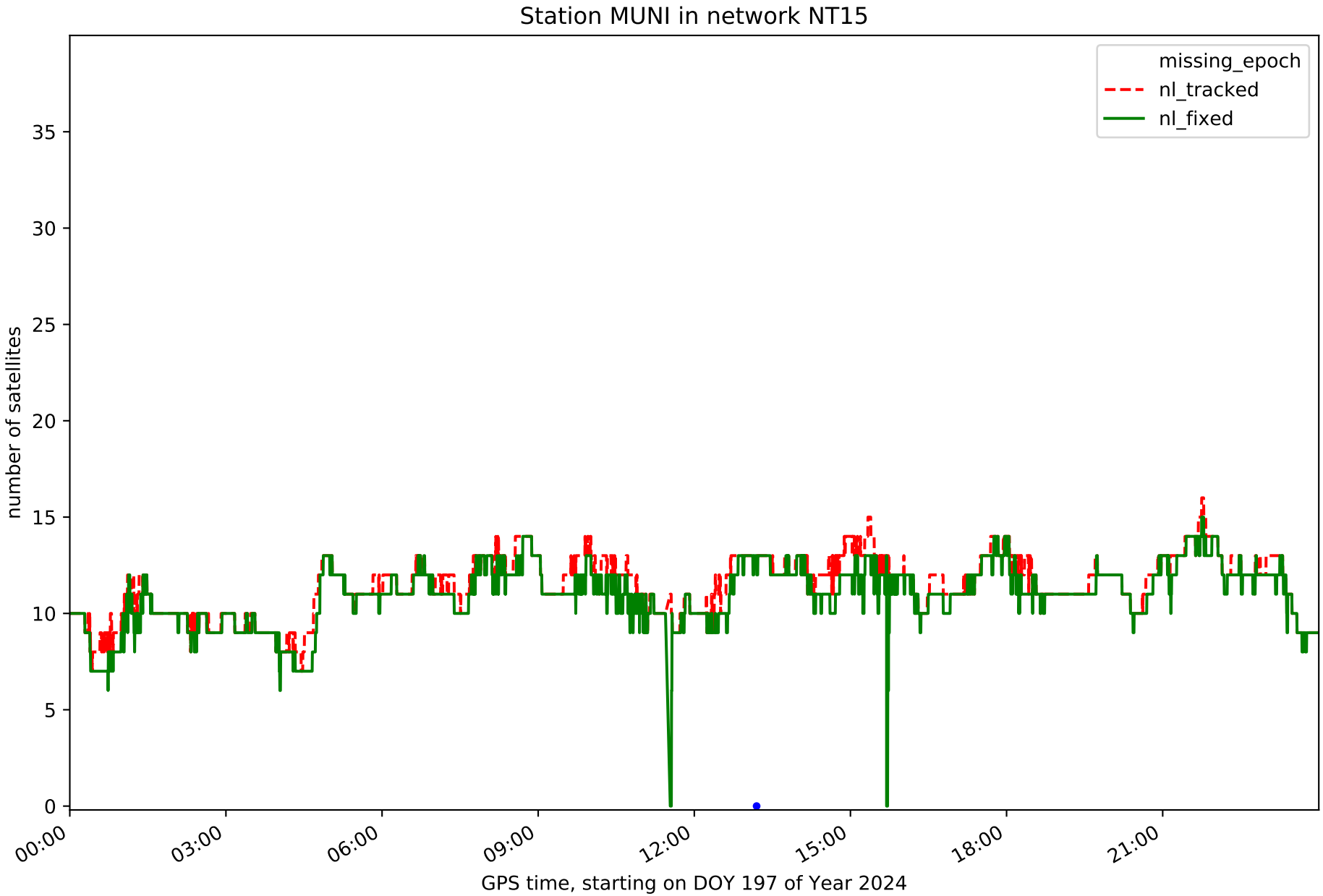

Station ALC1 in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

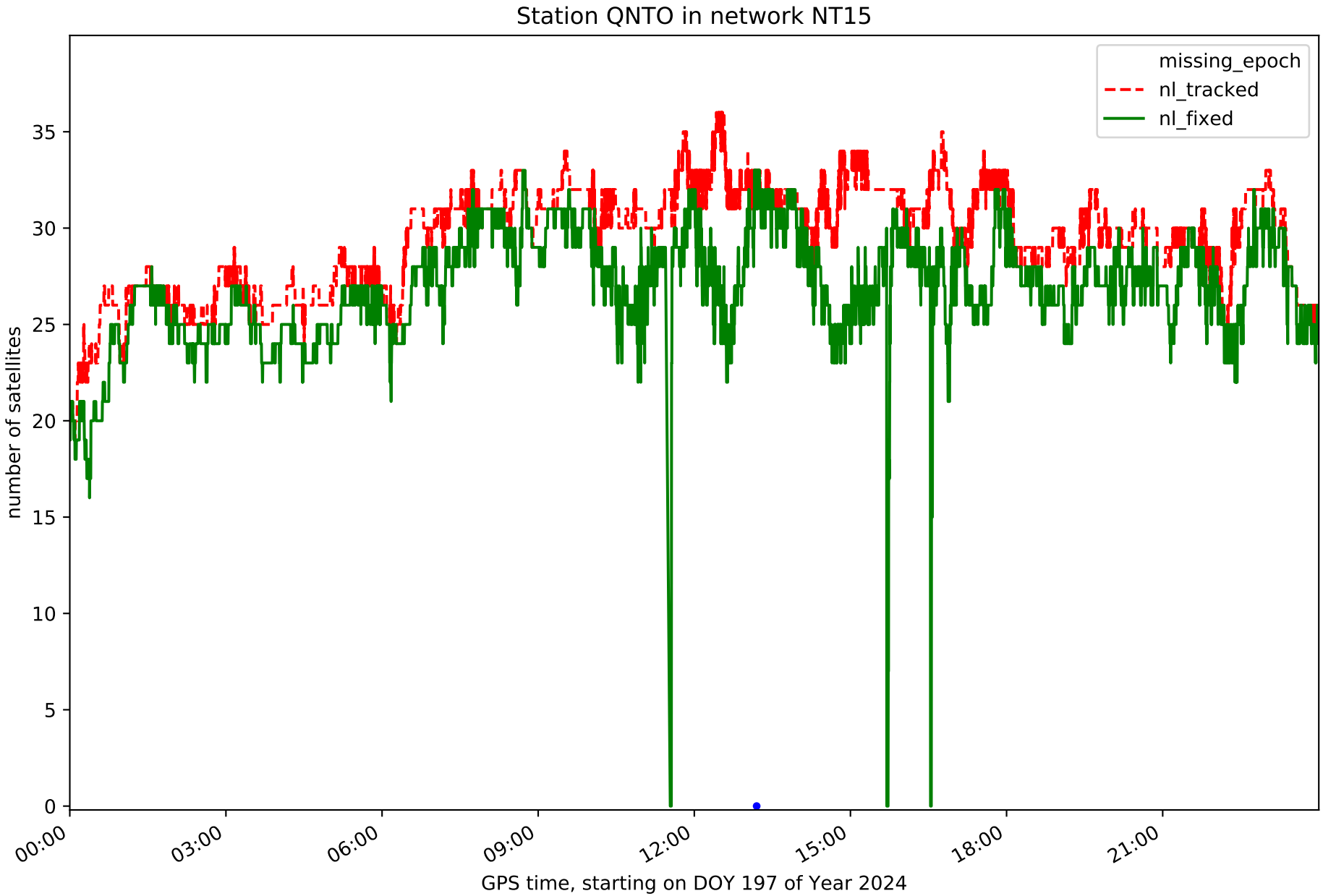

Station ALIA in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

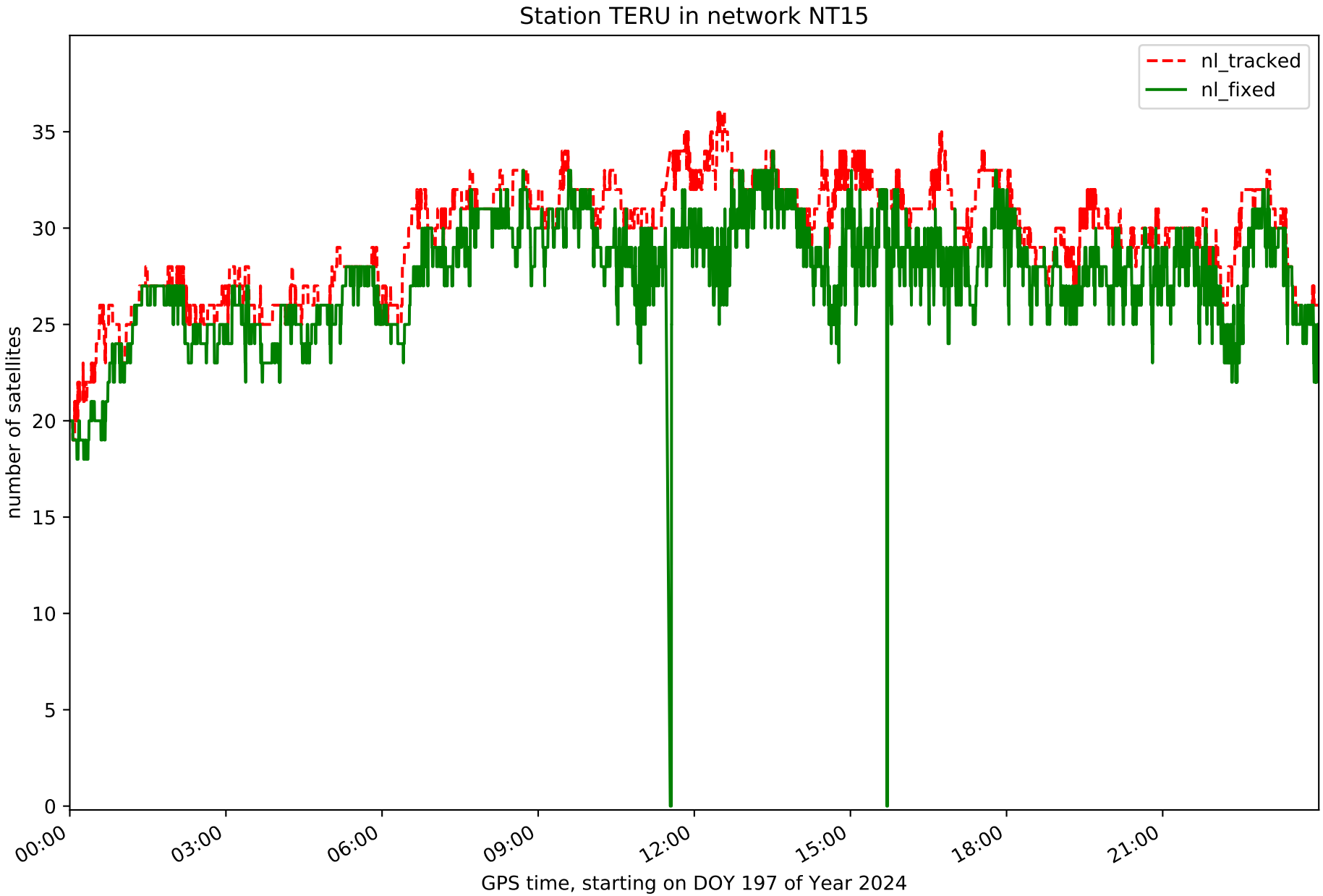

Station BERG in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

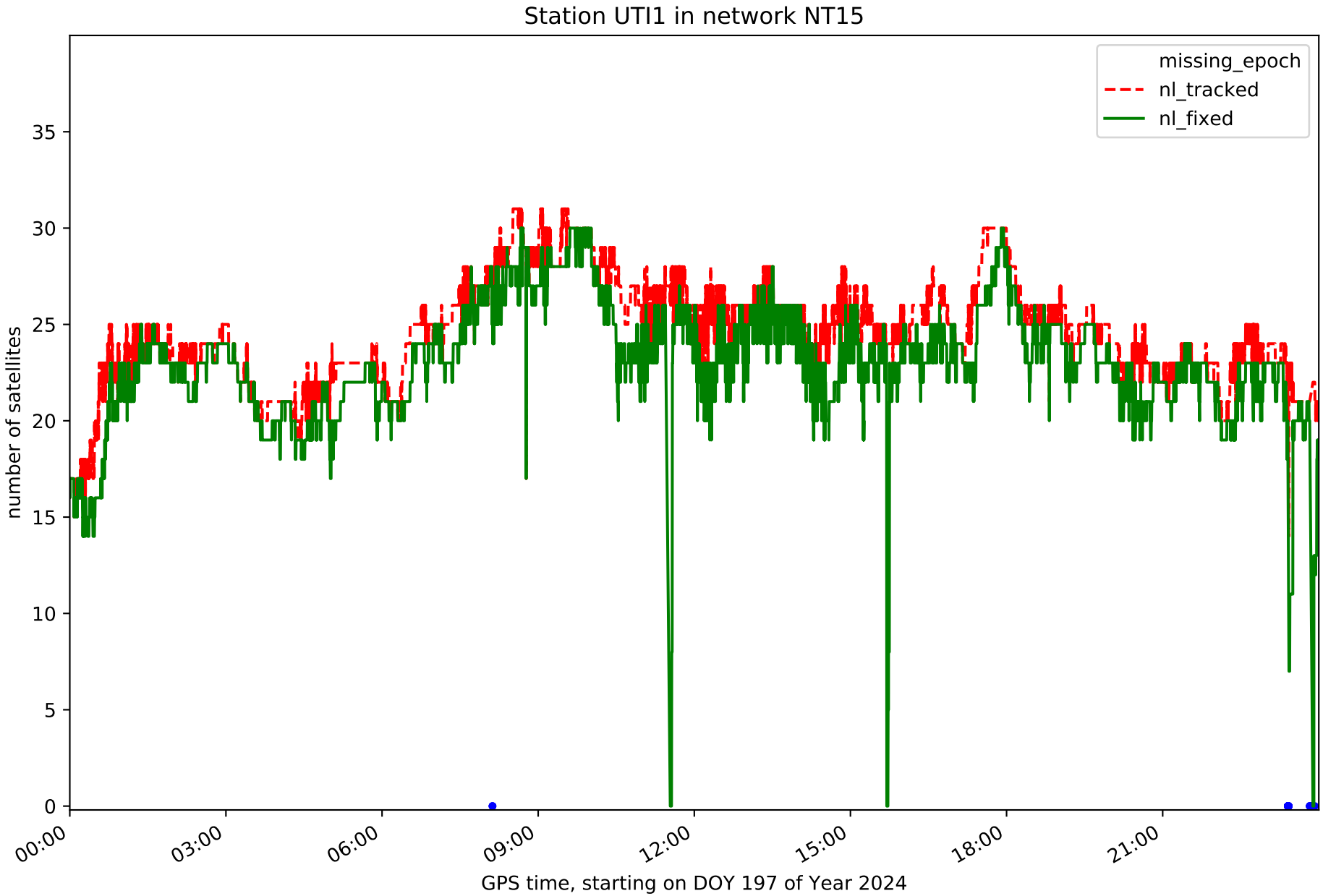

Station CUEN in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

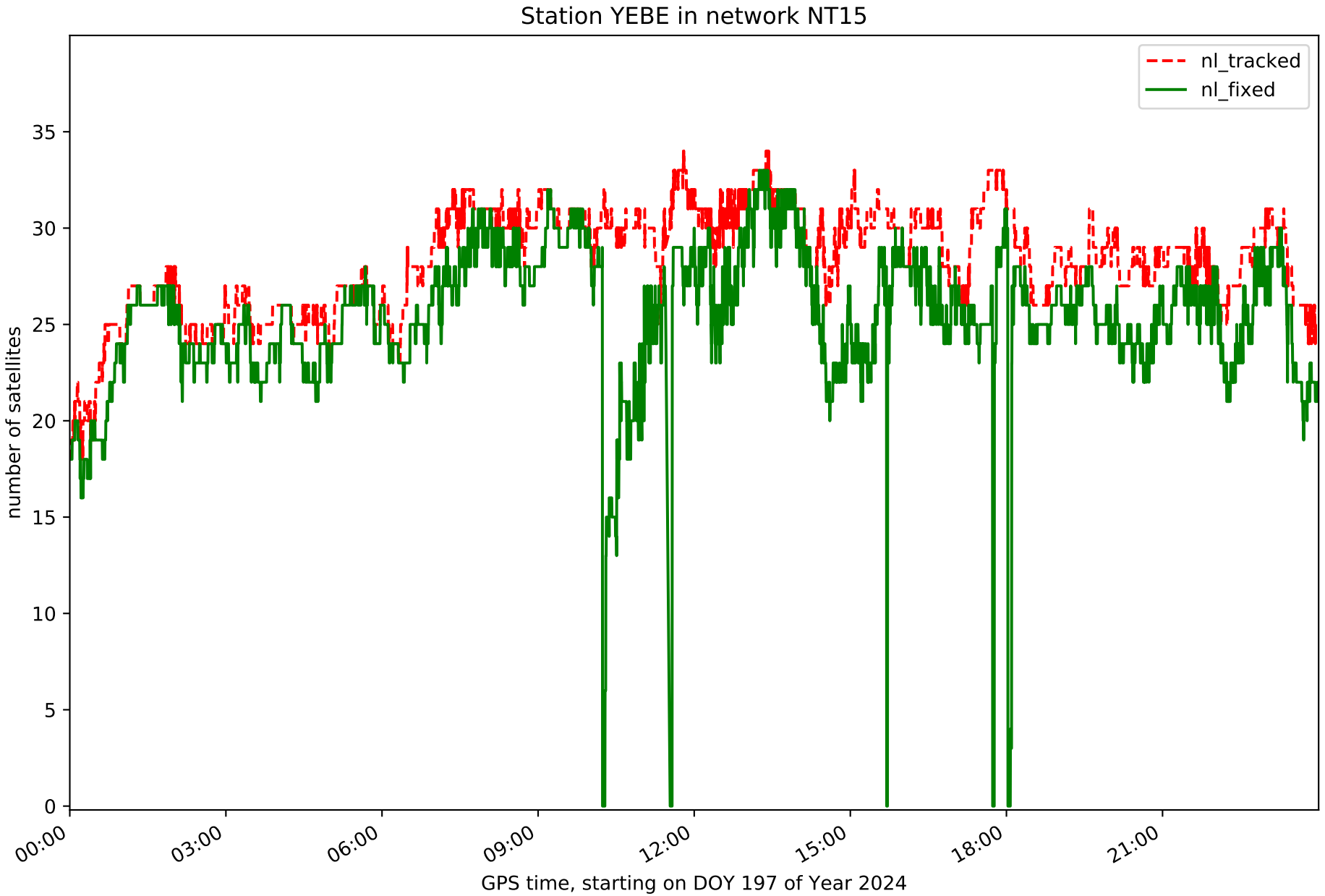

Station MOLI in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

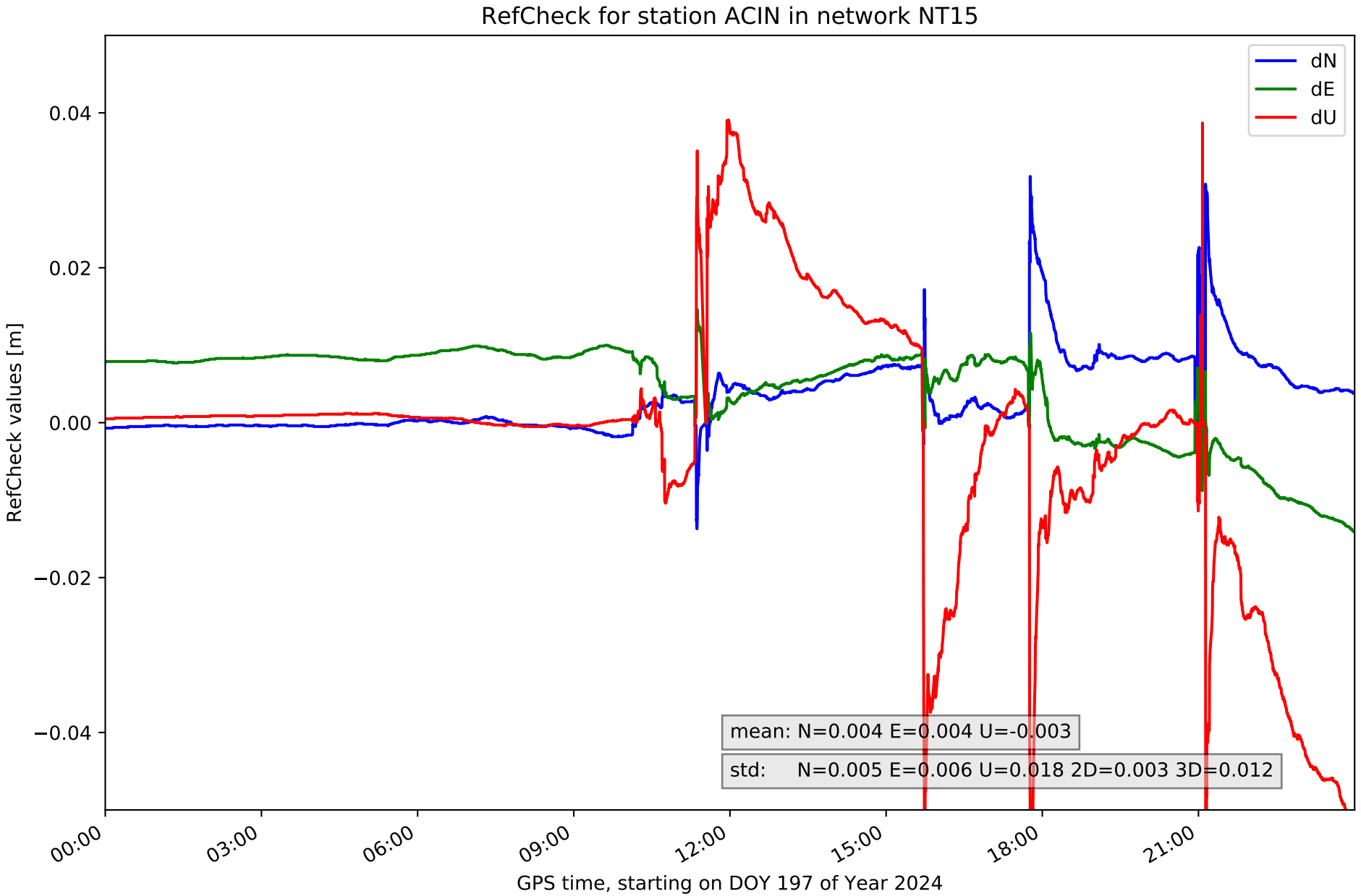

Station MUNI in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

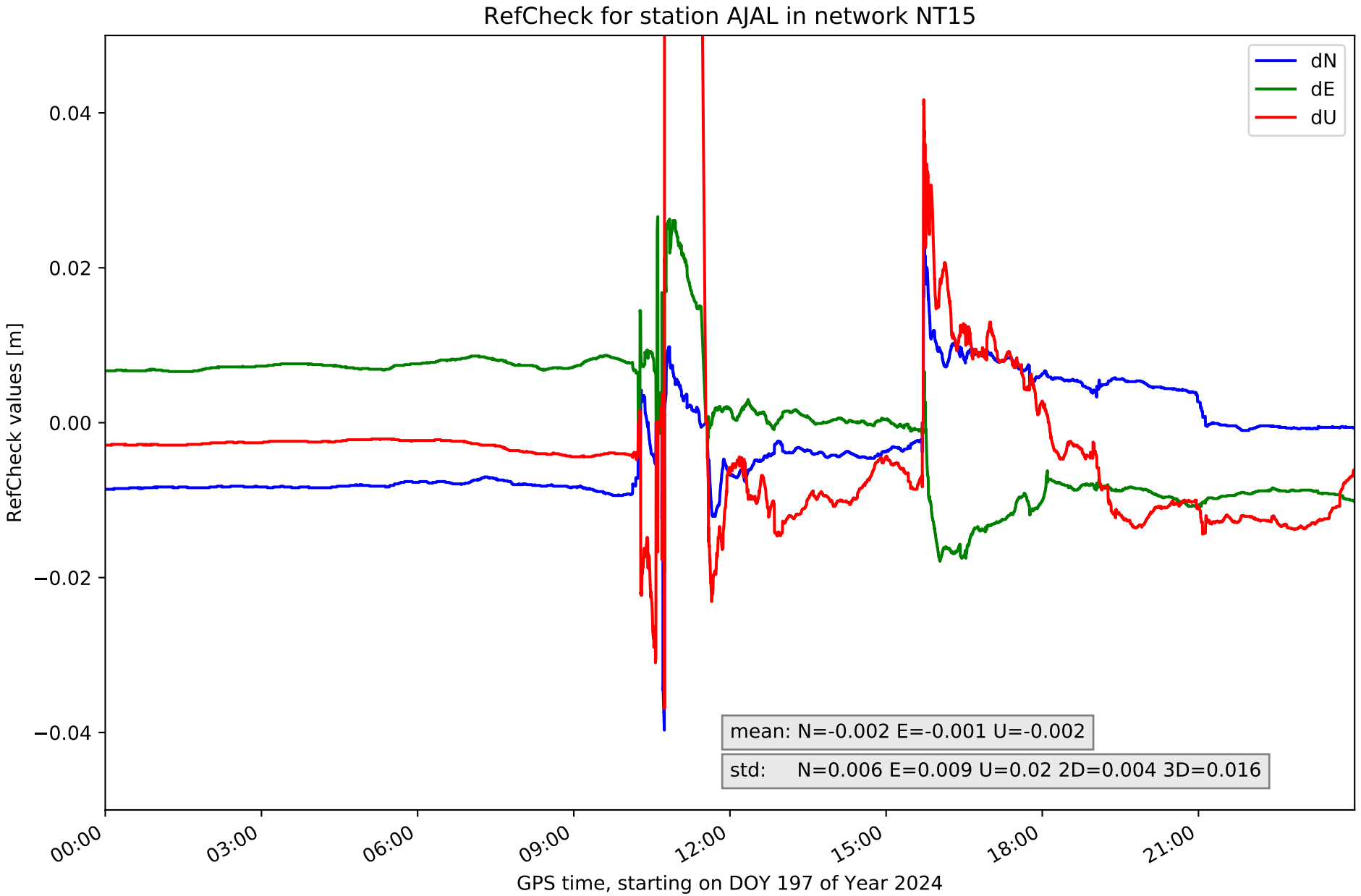

Station QNTO in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

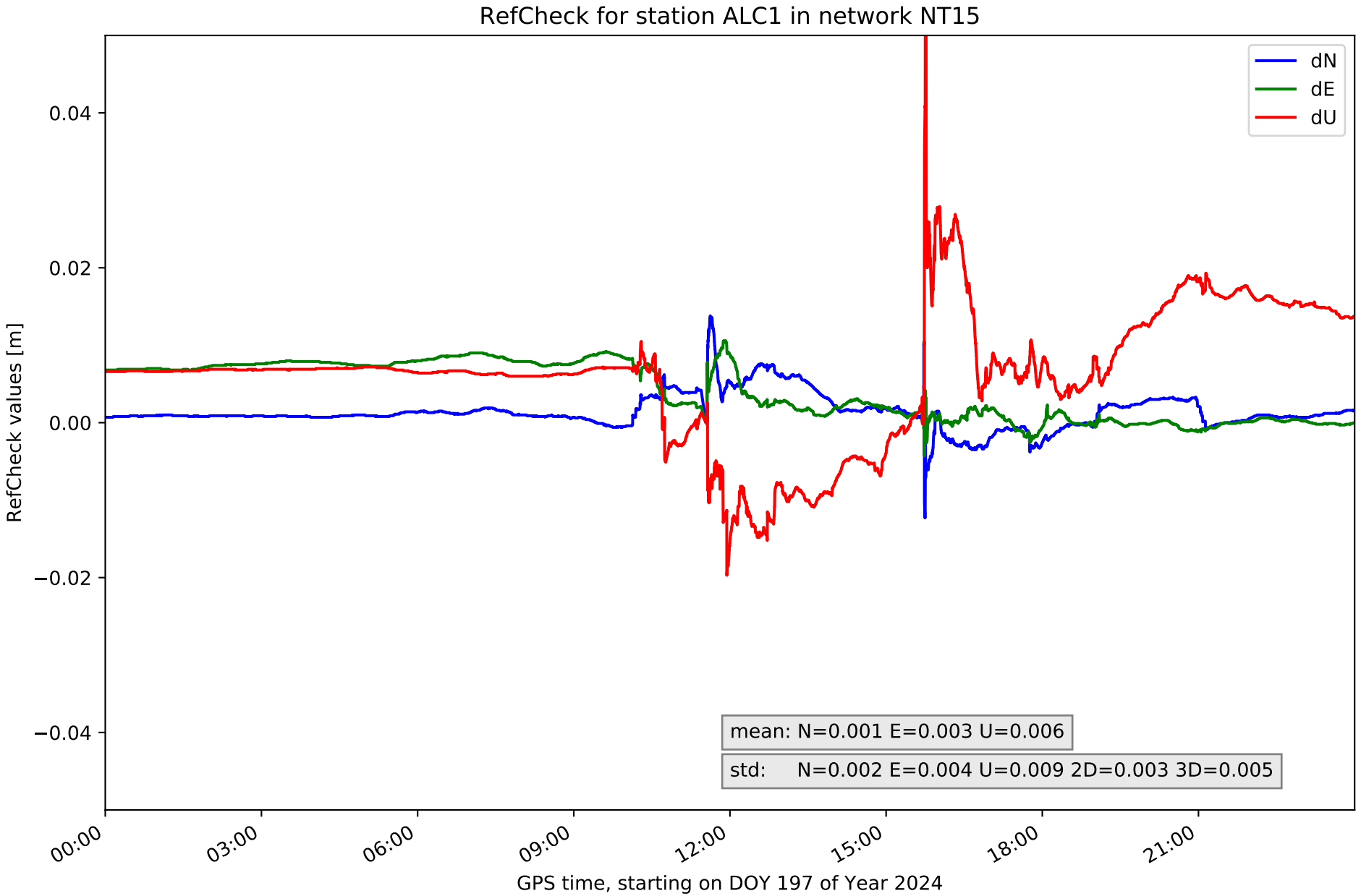

Station TERU in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

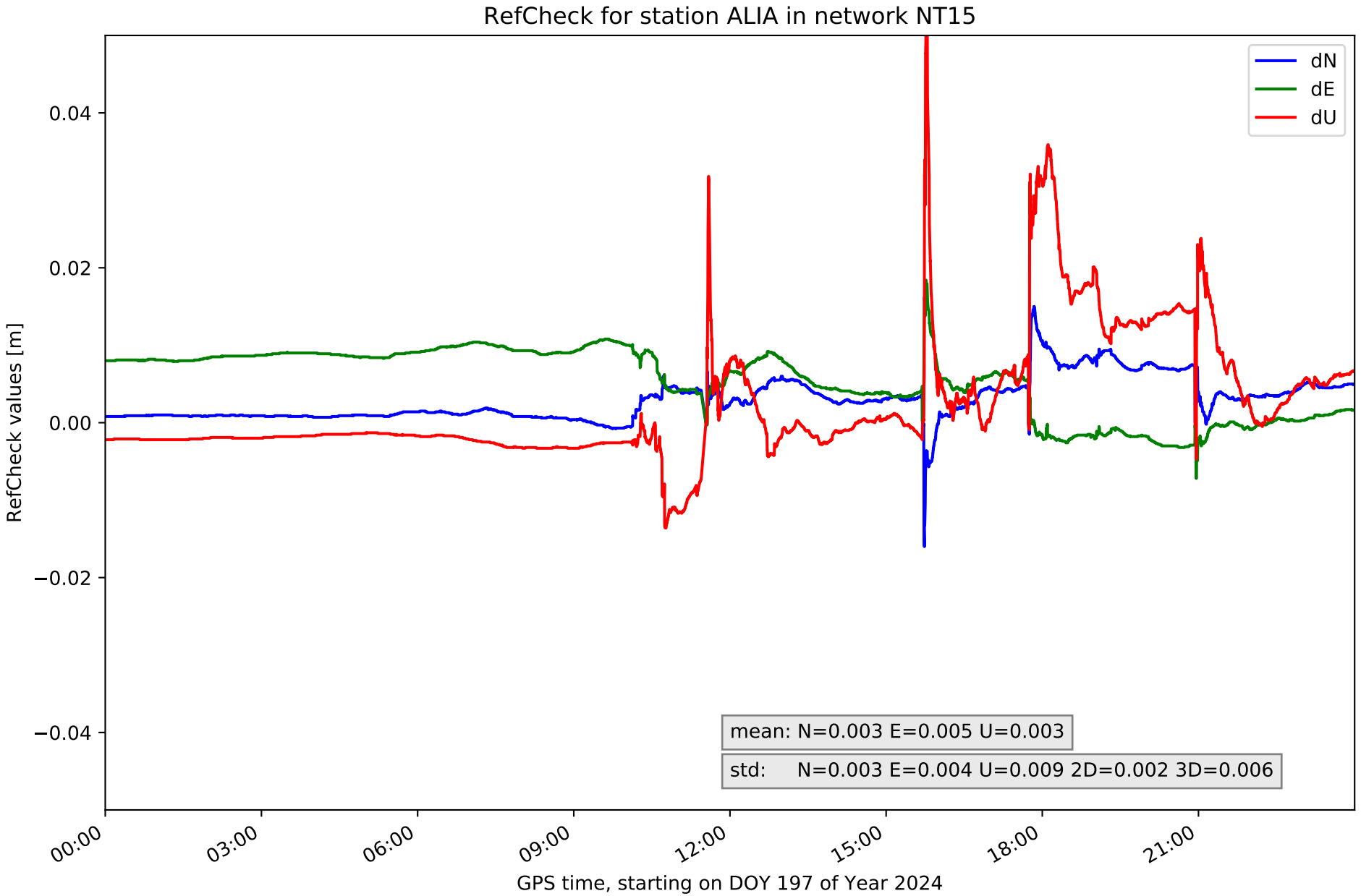

Station UTI1 in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

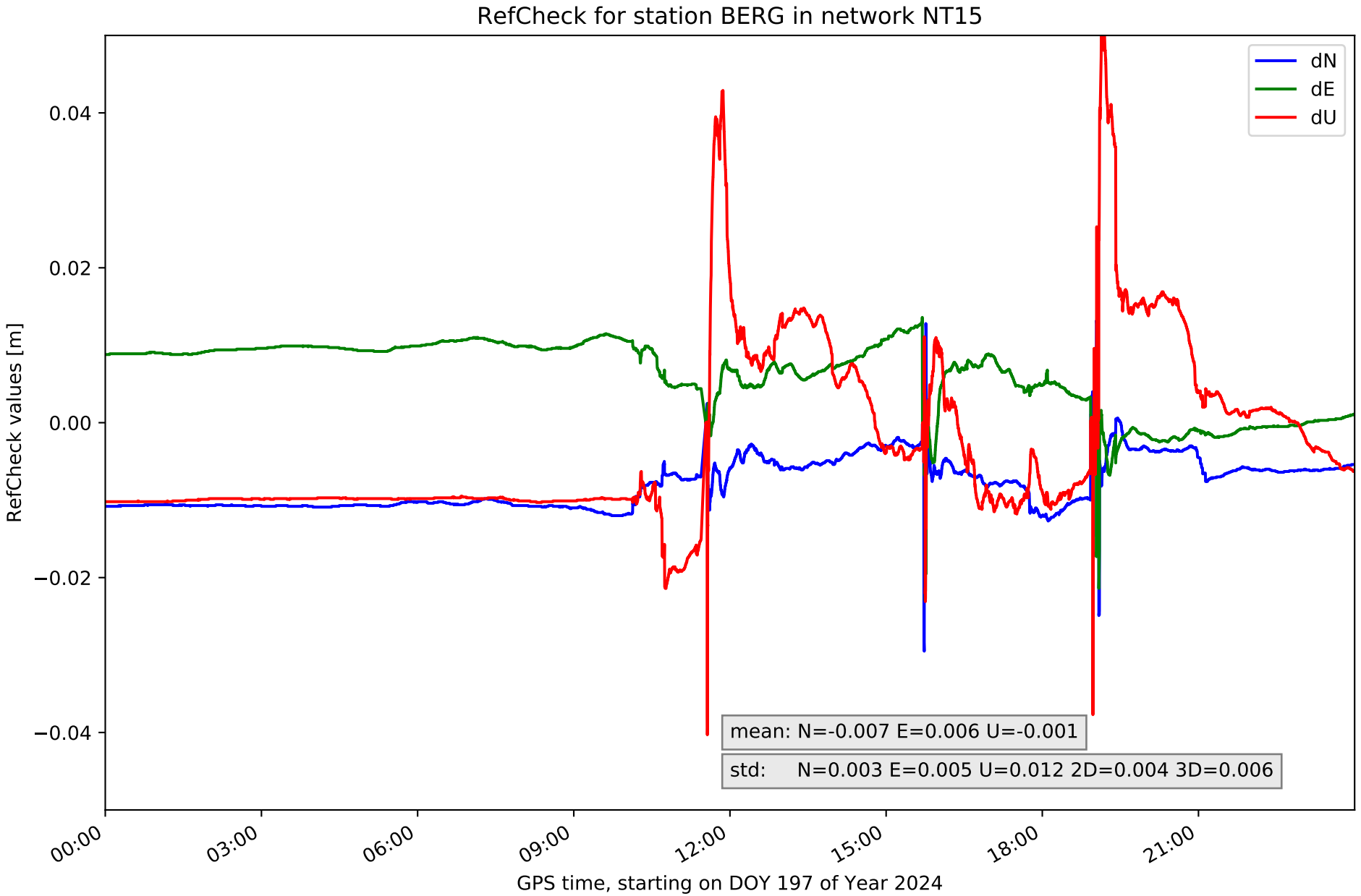

Station YEBE in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

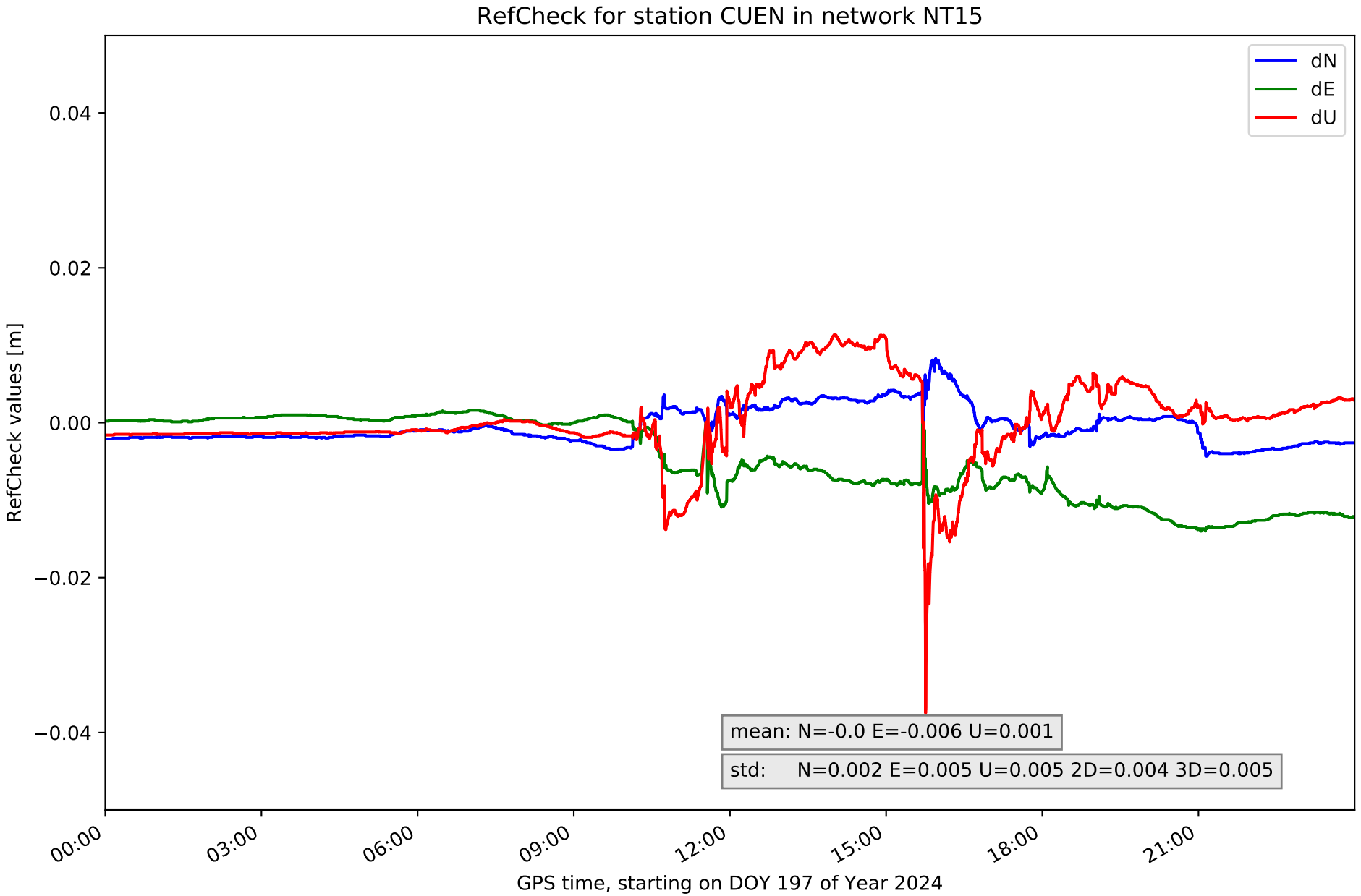

RefCheck for station ACIN in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.004 U=-0.003
std: N=0.005 E=0.006 U=0.018 2D=0.003 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

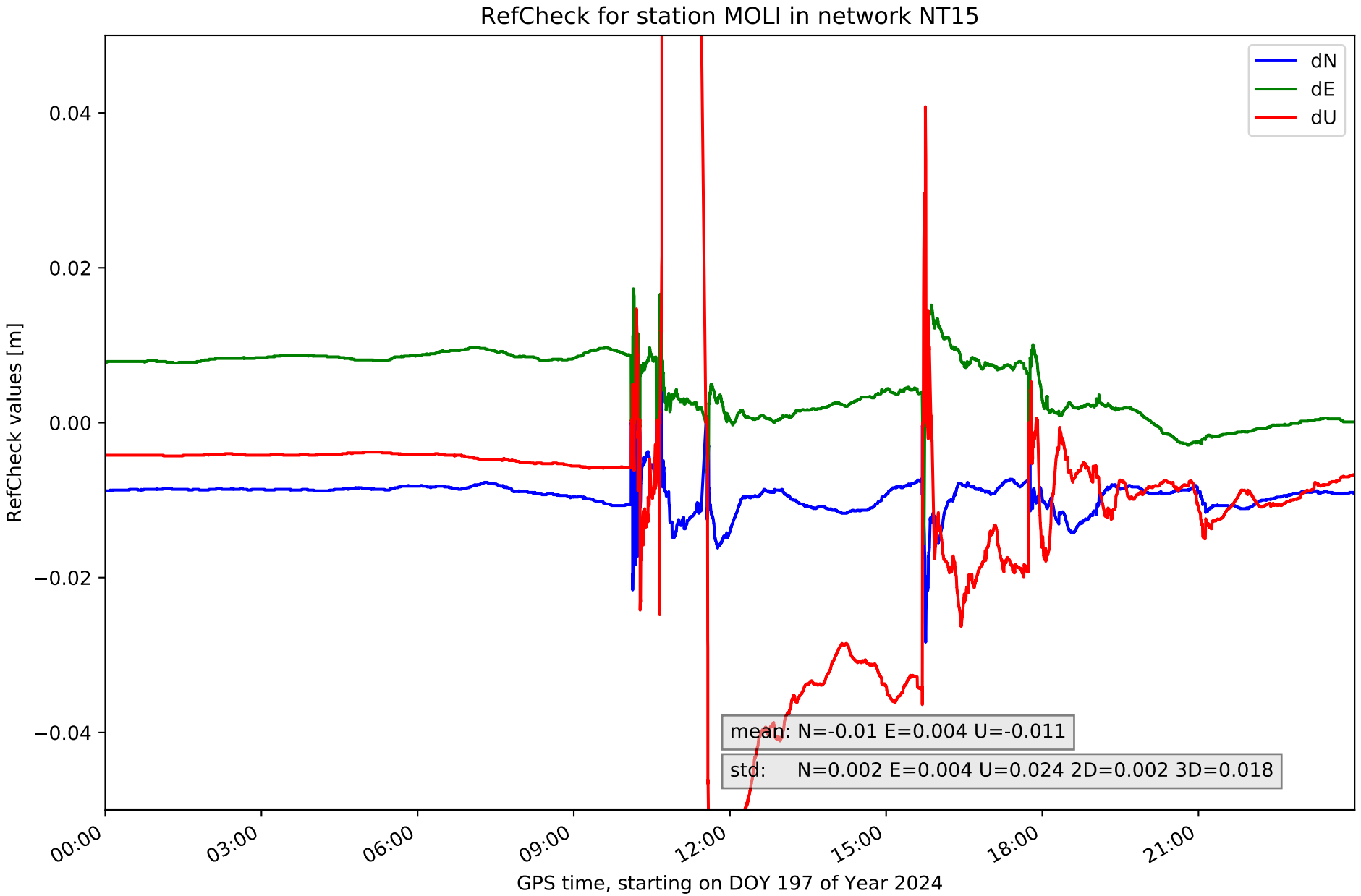

RefCheck for station AJAL in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.001 U=-0.002
std: N=0.006 E=0.009 U=0.02 2D=0.004 3D=0.016
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

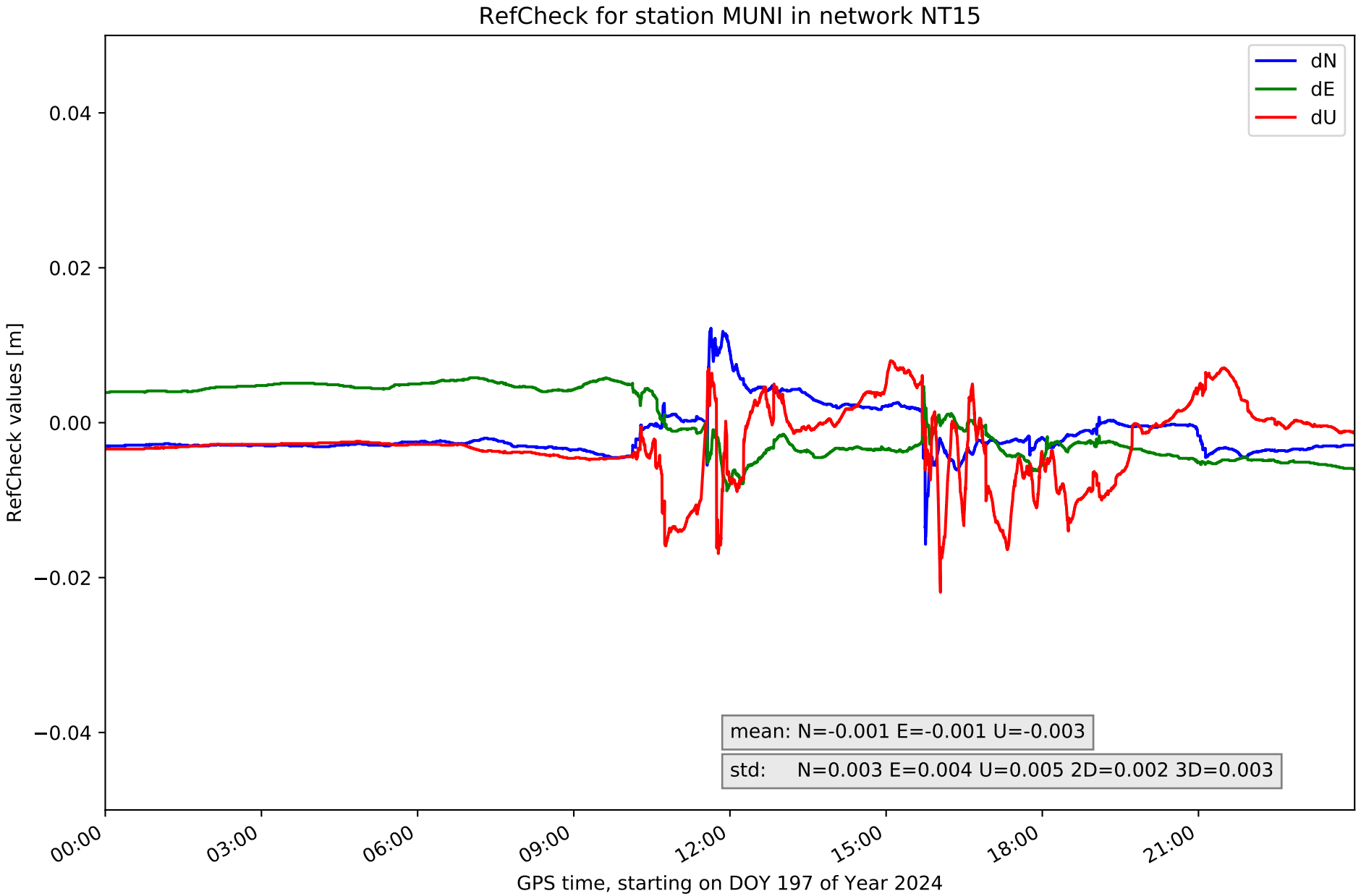

RefCheck for station ALC1 in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.003 U=0.006
std: N=0.002 E=0.004 U=0.009 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

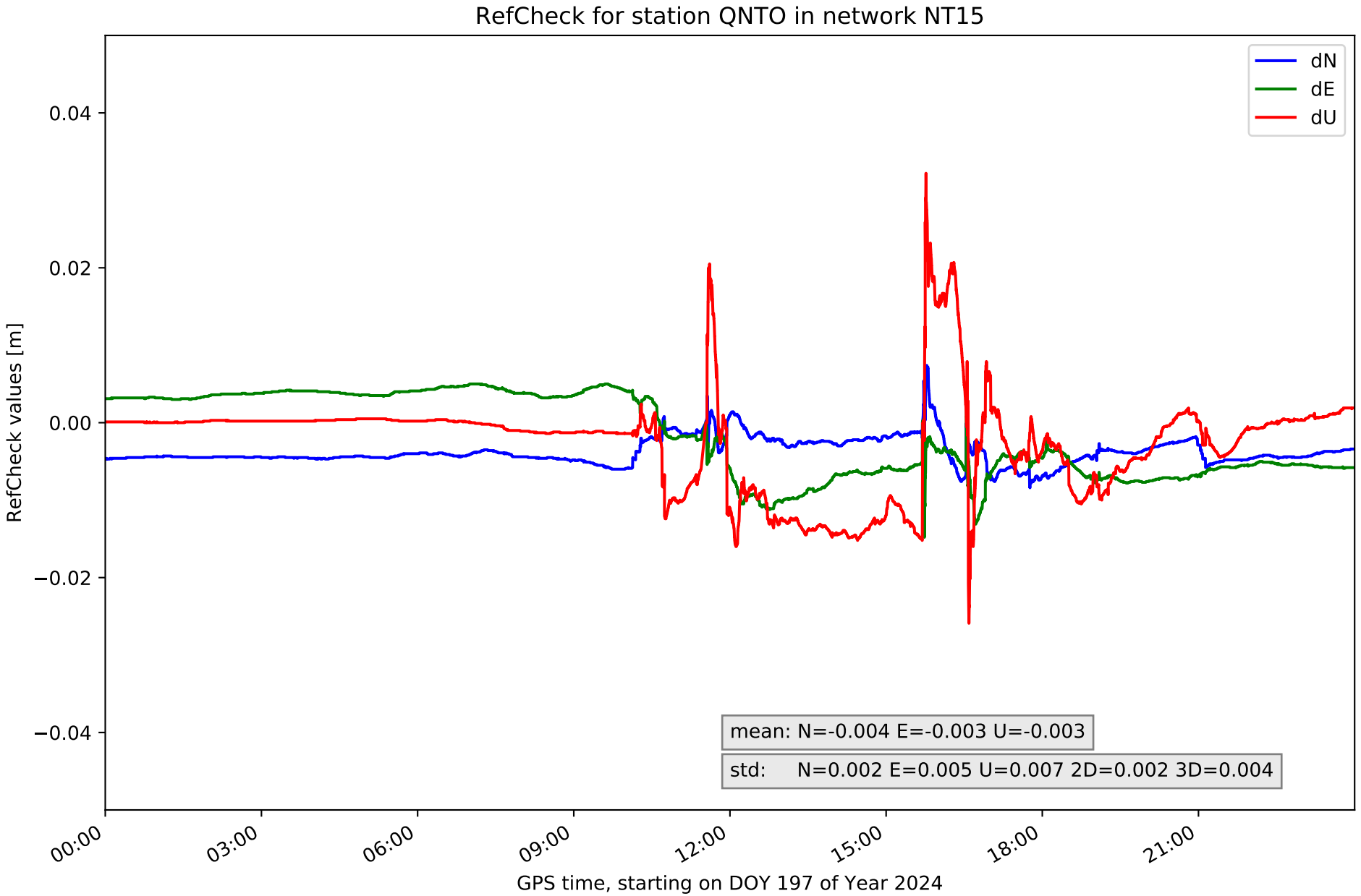

RefCheck for station ALIA in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.005 U=0.003
std: N=0.003 E=0.004 U=0.009 2D=0.002 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

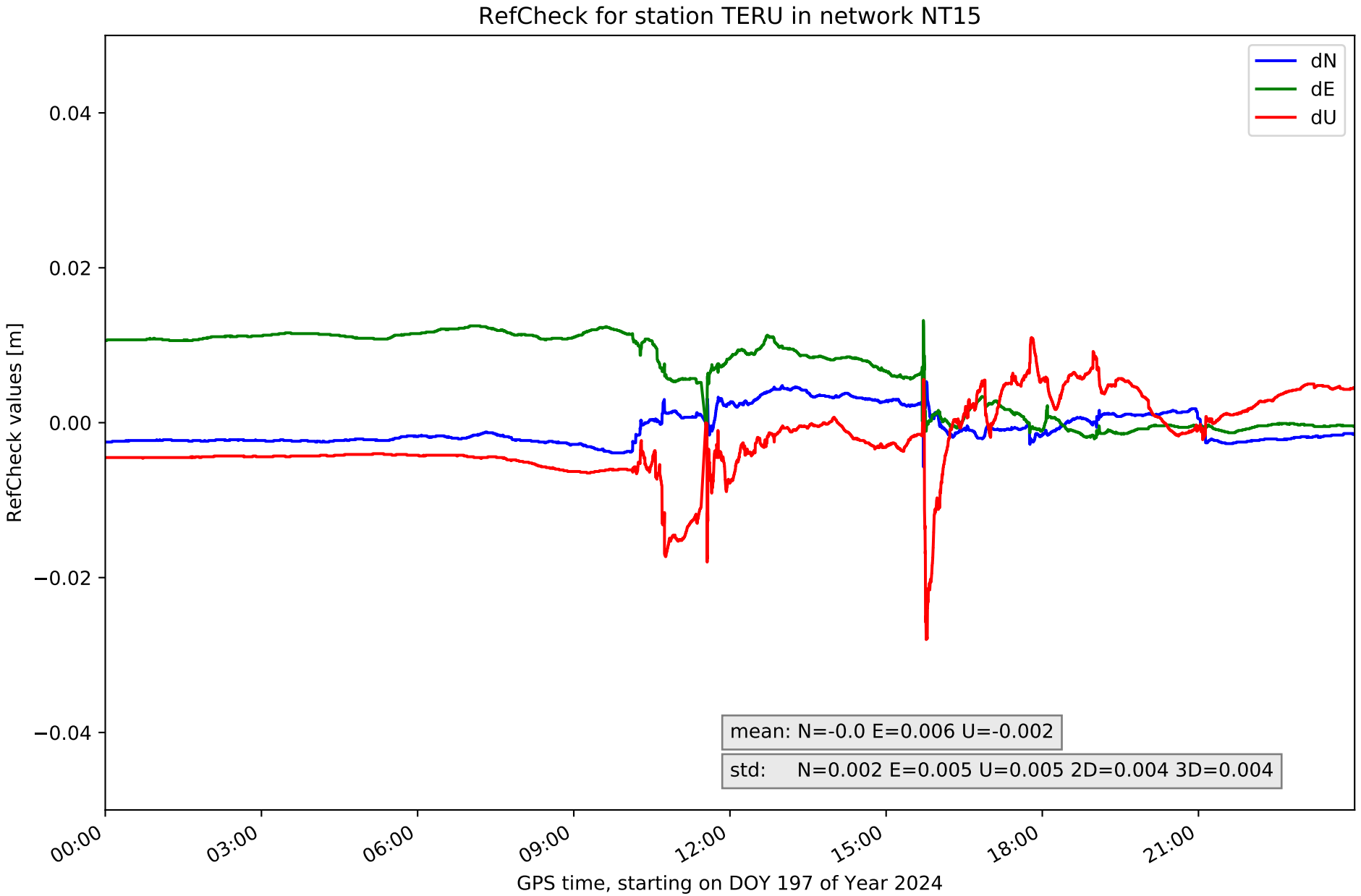

RefCheck for station BERG in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=0.006 U=-0.001
std: N=0.003 E=0.005 U=0.012 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

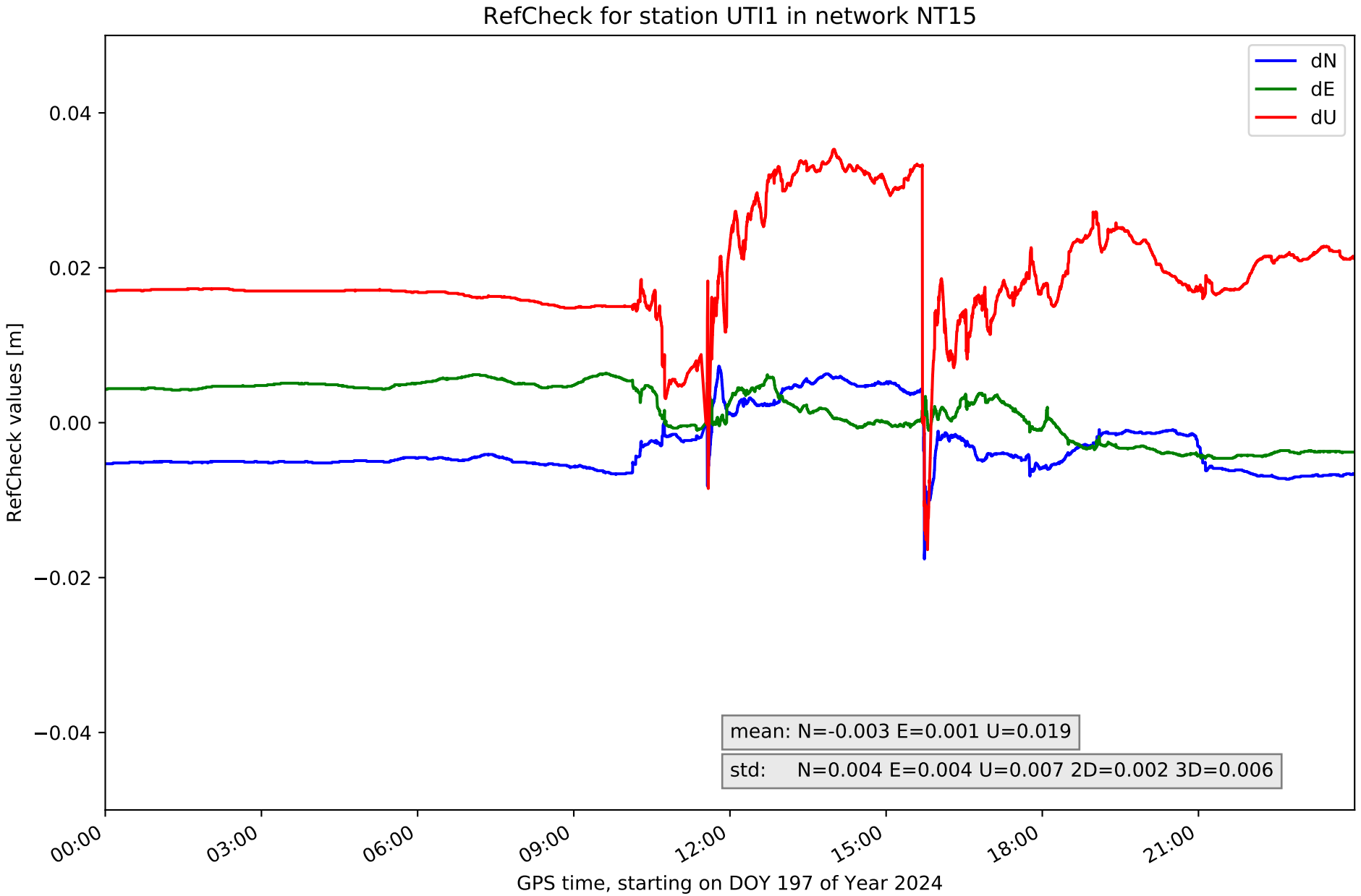

RefCheck for station CUEN in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.006 U=0.001
std: N=0.002 E=0.005 U=0.005 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

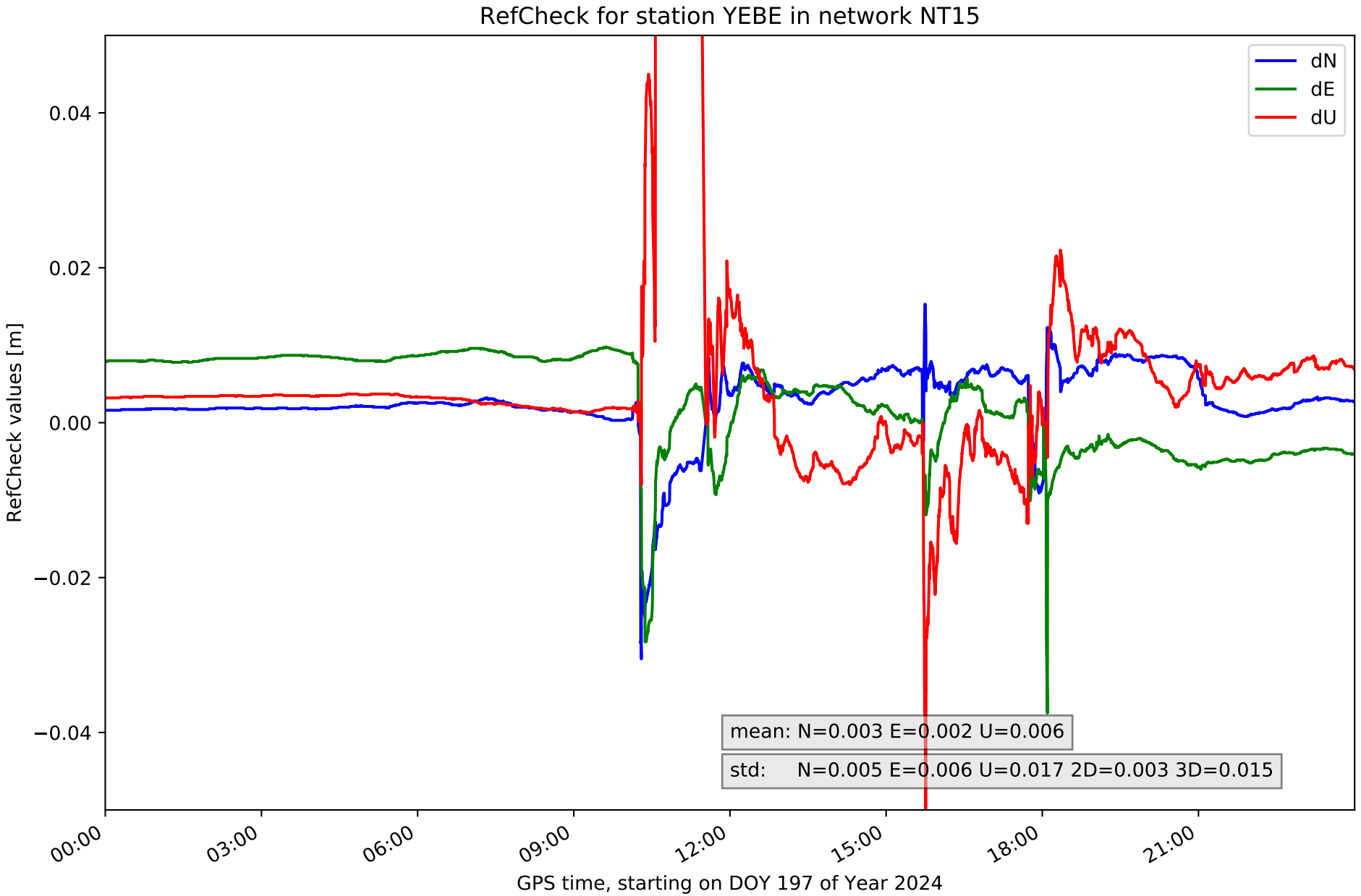

RefCheck for station MOLI in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.01 E=0.004 U=-0.011
std: N=0.002 E=0.004 U=0.024 2D=0.002 3D=0.018
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024


RefCheck for station MUNI in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.001 U=-0.003
std: N=0.003 E=0.004 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 197 of Year 2024


RefCheck for station QNTO in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.003 U=-0.003
std: N=0.002 E=0.005 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 197 of Year 2024


RefCheck for station TERU in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.006 U=-0.002
std: N=0.002 E=0.005 U=0.005 2D=0.004 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024


RefCheck for station UTI1 in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.001 U=0.019
std: N=0.004 E=0.004 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 197 of Year 2024


RefCheck for station YEBE in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.002 U=0.006
std: N=0.005 E=0.006 U=0.017 2D=0.003 3D=0.015
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

RefCheck values for network NT15

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ACIN	-0.014	**0.032**	0.005	-0.014	0.015	0.006	**-0.069**	0.039	0.018	0.003	0.012	17427	24.1	20373	28.2
AJAL	**-0.04**	0.024	**0.006**	-0.019	**0.027**	**0.009**	-0.037	0.111	0.02	**0.004**	0.016	42230	58.4	7241	10.0
ALC1	-0.012	0.014	0.002	-0.004	0.011	0.004	-0.02	0.052	0.009	0.003	0.005	1516	2.1	2713	3.8
ALIA	-0.016	0.015	0.003	-0.007	0.018	0.004	-0.014	0.053	0.009	0.002	0.006	8528	11.8	4067	5.6
BERG	-0.029	0.013	0.003	-0.023	0.014	0.005	-0.04	0.053	0.012	**0.004**	0.006	36764	50.9	4226	5.8
CUEN	-0.004	0.008	0.002	-0.014	0.002	0.005	-0.037	0.011	0.005	**0.004**	0.005	21957	30.4	519	0.7
MOLI	-0.028	0.011	0.002	-0.016	0.017	0.004	**-0.069**	**0.139**	**0.024**	0.002	**0.018**	**51598**	**71.4**	24189	33.5
MUNI	-0.016	0.012	0.003	-0.009	0.006	0.004	-0.022	0.008	0.005	0.002	0.003	1267	1.8	38	0.1
QNTO	-0.008	0.007	0.002	-0.015	0.005	0.005	-0.026	0.032	0.007	0.002	0.004	4239	5.9	990	1.4
TERU	-0.006	0.005	0.002	-0.002	0.013	0.005	-0.028	0.011	0.005	**0.004**	0.004	27521	38.1	420	0.6
UTI1	-0.018	0.007	0.004	-0.005	0.007	0.004	-0.016	0.035	0.007	0.002	0.006	205	0.3	**27878**	**38.6**
YEBE	-0.03	0.015	0.005	**-0.037**	0.01	0.006	-0.05	0.091	0.017	0.003	0.015	3990	5.5	5543	7.7
Mean	**-0.018**	**0.014**	**0.003**	**-0.014**	**0.012**	**0.005**	**-0.036**	**0.053**	**0.012**	**0.003**	**0.008**	**18103.5**	**25.1**	**8183.1**	**11.3**
Min/Max	**-0.04**	**0.032**	**0.006**	**-0.037**	**0.027**	**0.009**	**-0.069**	**0.139**	**0.024**	**0.004**	**0.018**	**51598**	**71.4**	**27878**	**38.6**

fixing statistic for network NT15

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	92.7	94.3	92.5	95.1	89.4
considering satellites with dual-frequency fixed	90.3	91.7	90.5	91.9	86.9
considering all signals separately	90.2	91.6	90.5	92.3	85.6