summary for network NT15

timeperiod chosen: from 2026-03-07-00:00:00 until 2026-03-07-23:59:58

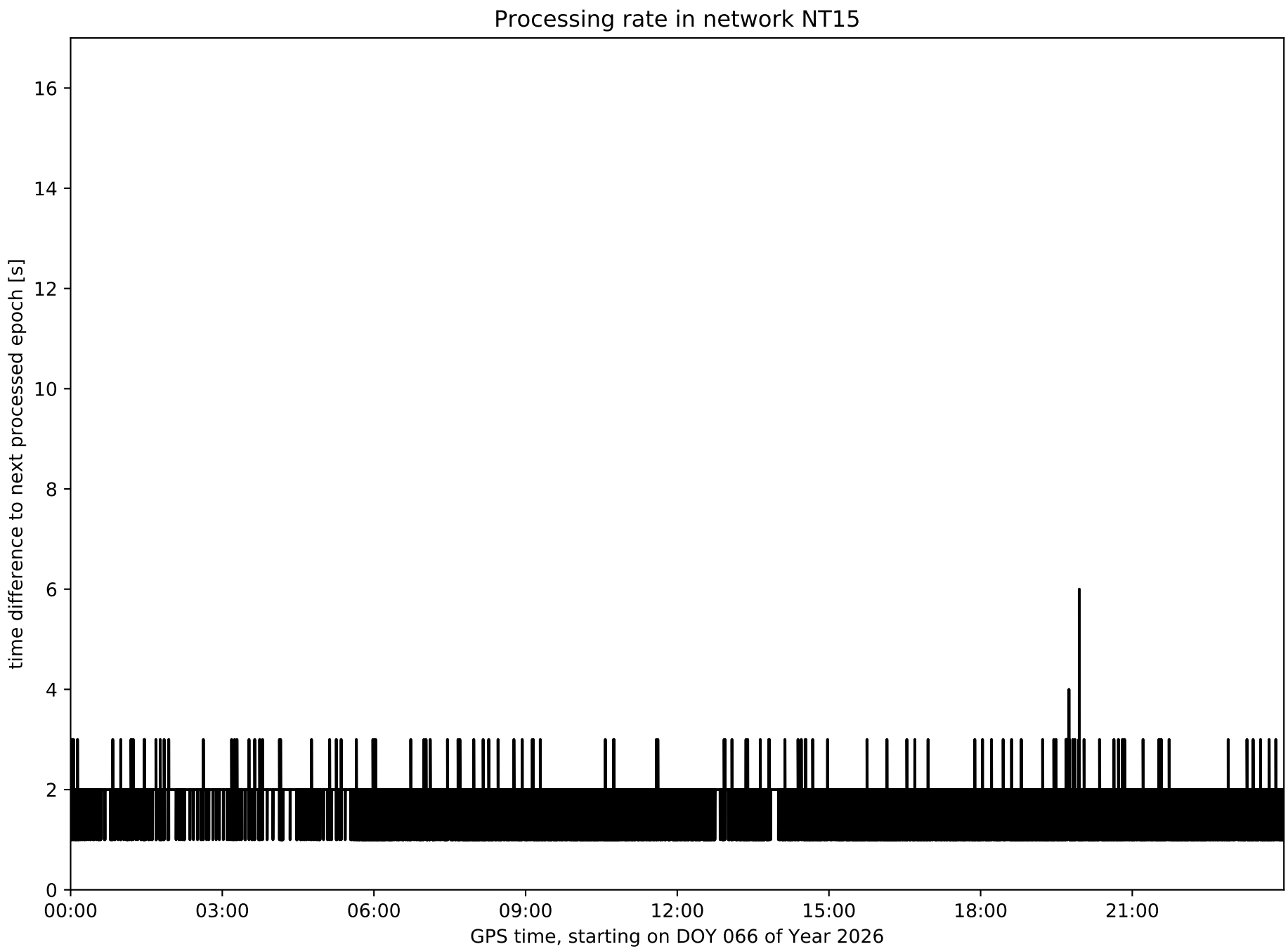
average update rate (durations larger than 15 seconds considered as observation gap): 1.9 seconds

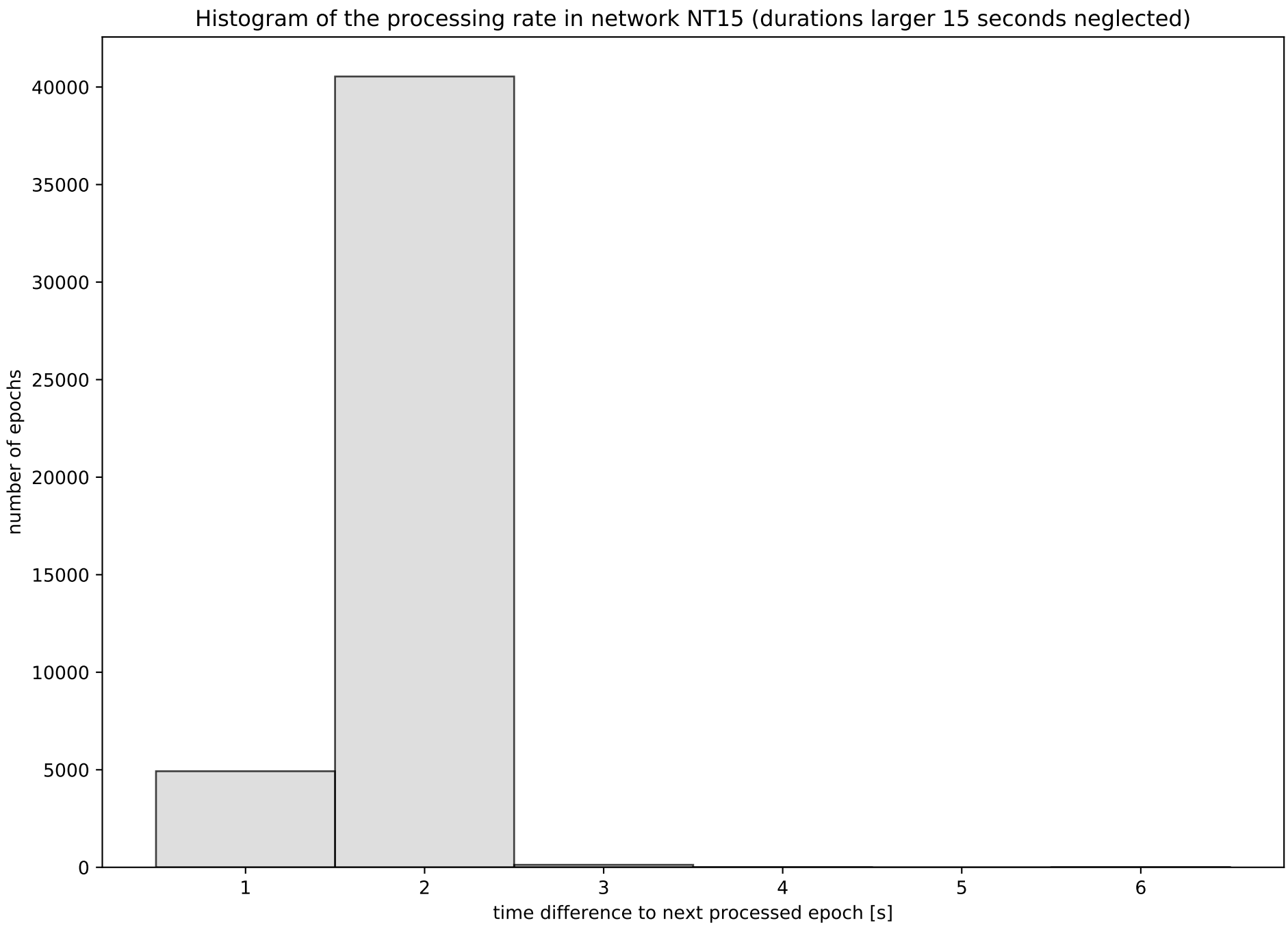
average fixing percentage with threshold set to 0.3: 93.8 percent

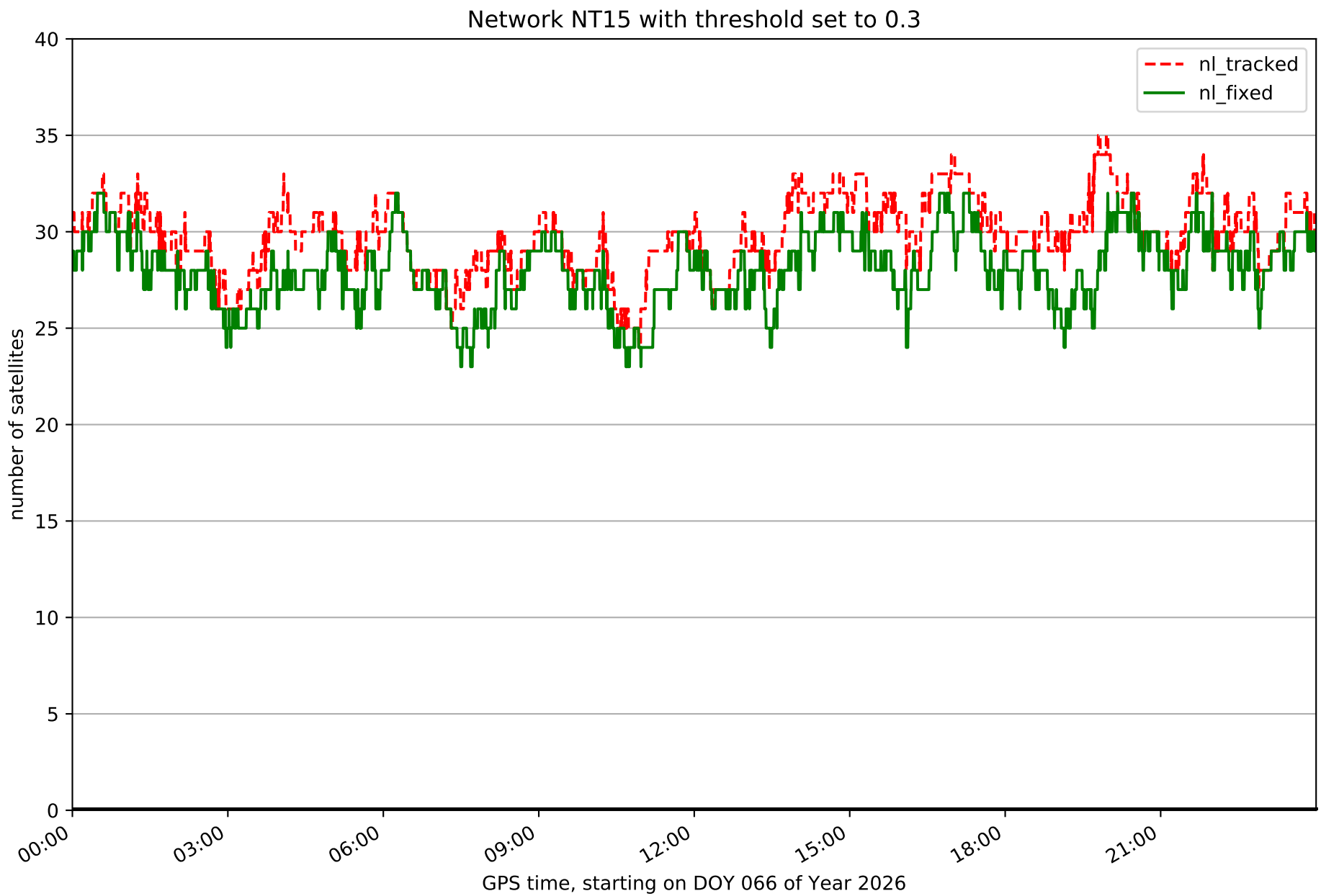
stations available: 14 of 15

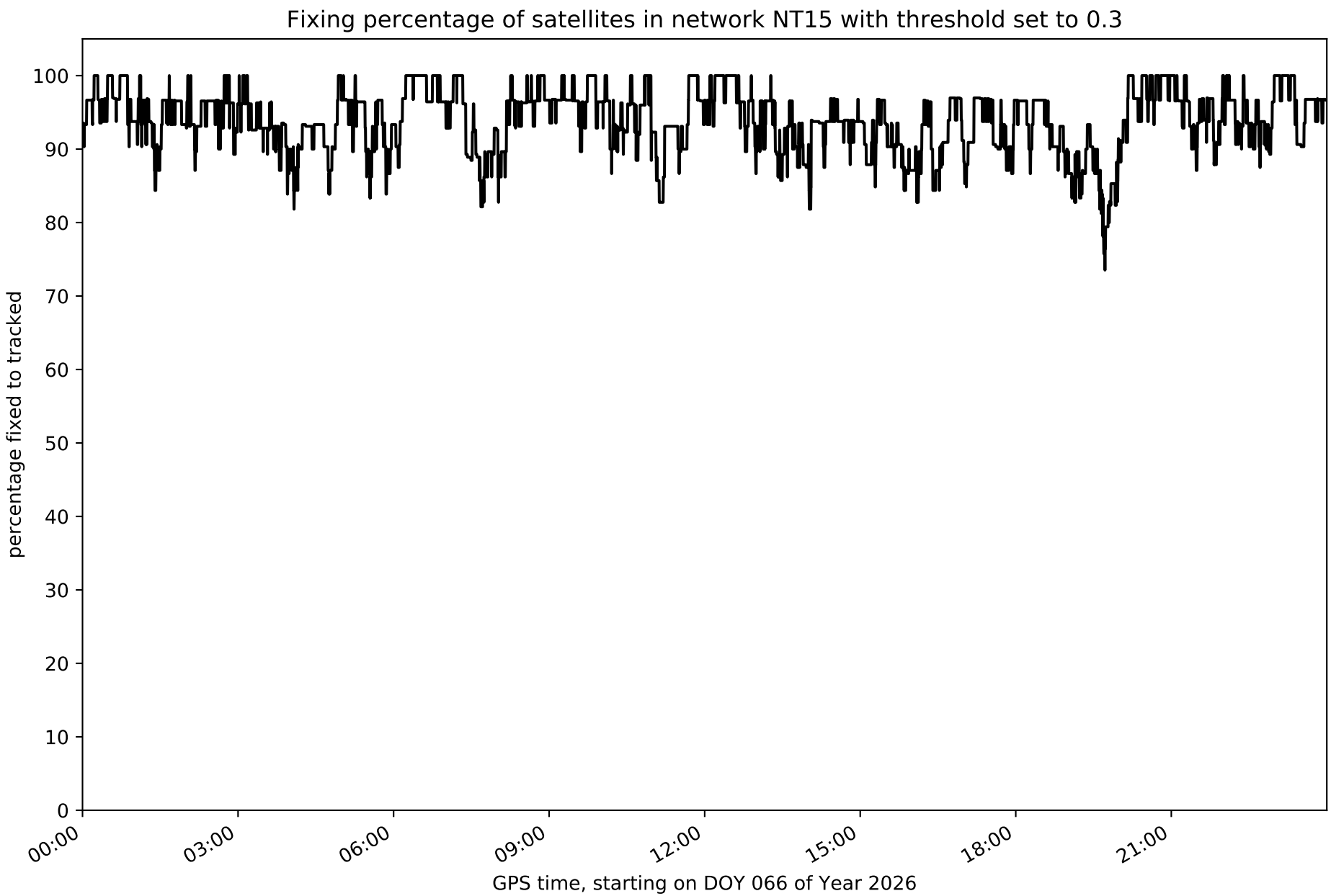
station information:

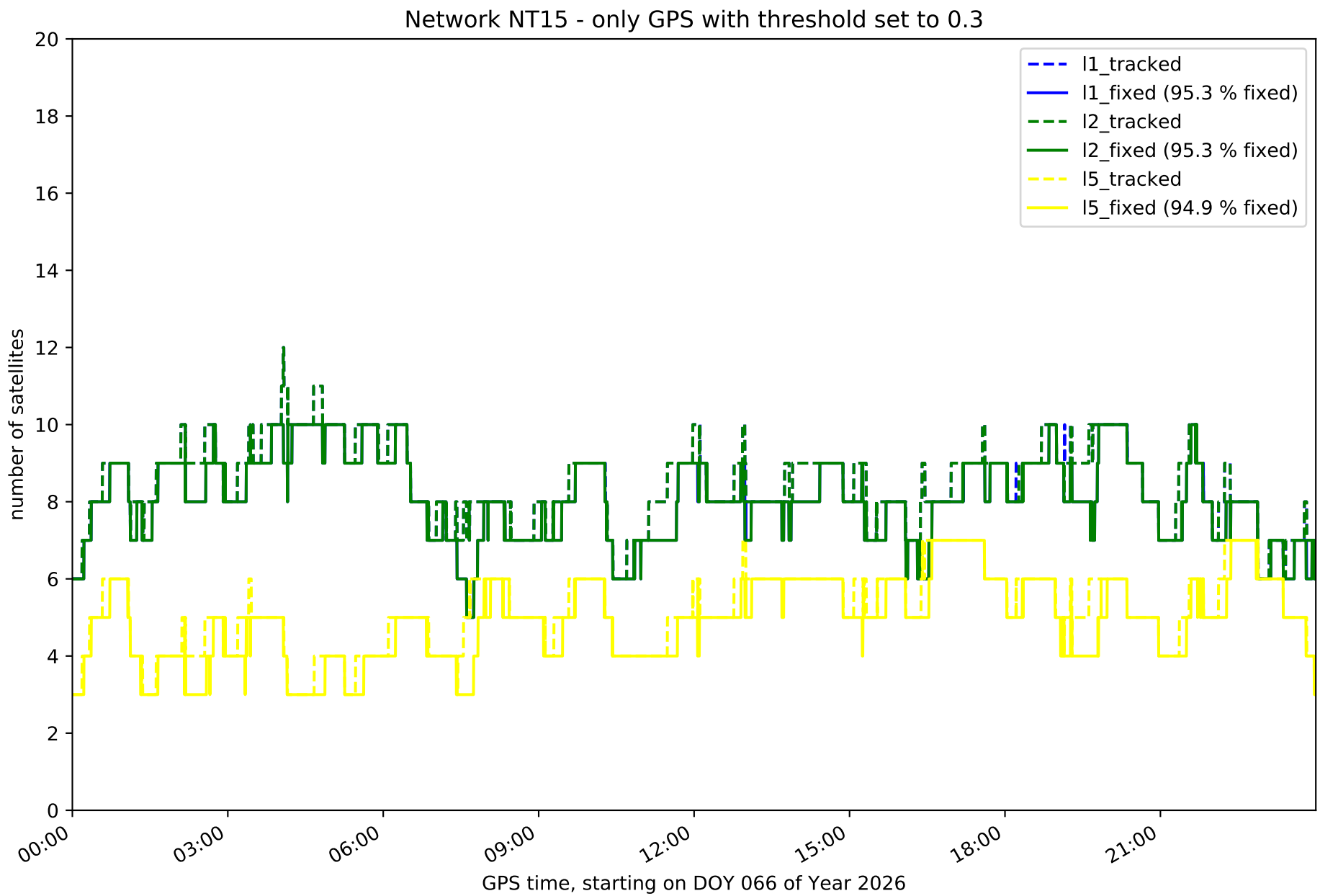
station ACIN:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1178.47
station AGRD:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1010.813
station AJAL:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 884.142
station ALC1:	antenna: TRM57971.00	TZGD	receiver: TRIMBLE NETR9	height: 397.68
station ALIA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1169.276
station ARAS:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1325.848
station BERG:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 892.808
station CALA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 942.231
station CATY:	antenna: GPPNULLANTENNA	NONE	receiver: TPS NET-G3	height: 597.734
station CRNA:	antenna: GPPNULLANTENNA	NONE	receiver: TPS NET-G3A	height: 649.433
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: 216.743
station TERU:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 956.227
station YEBE:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 972.816

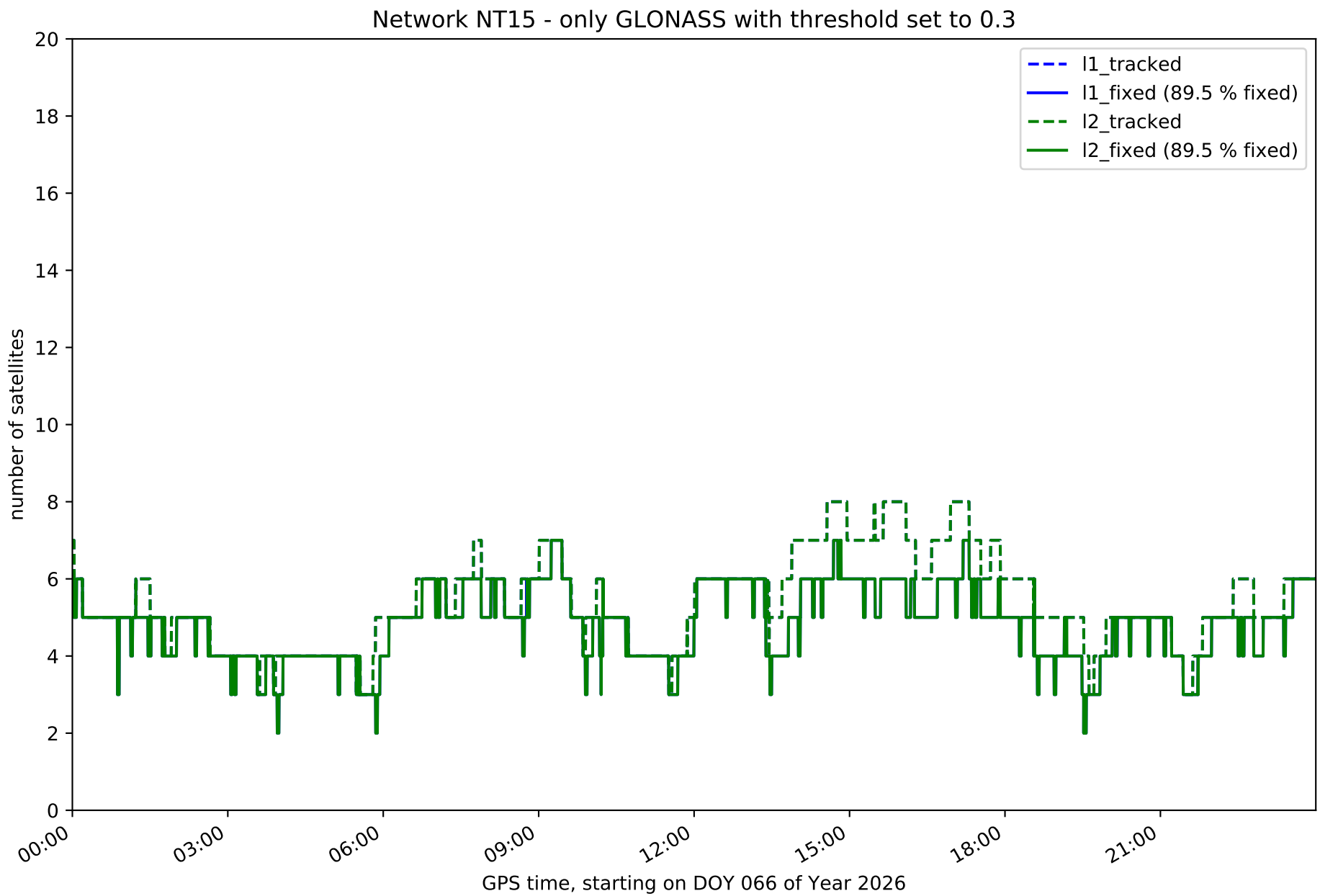

Processing rate in network NT15
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

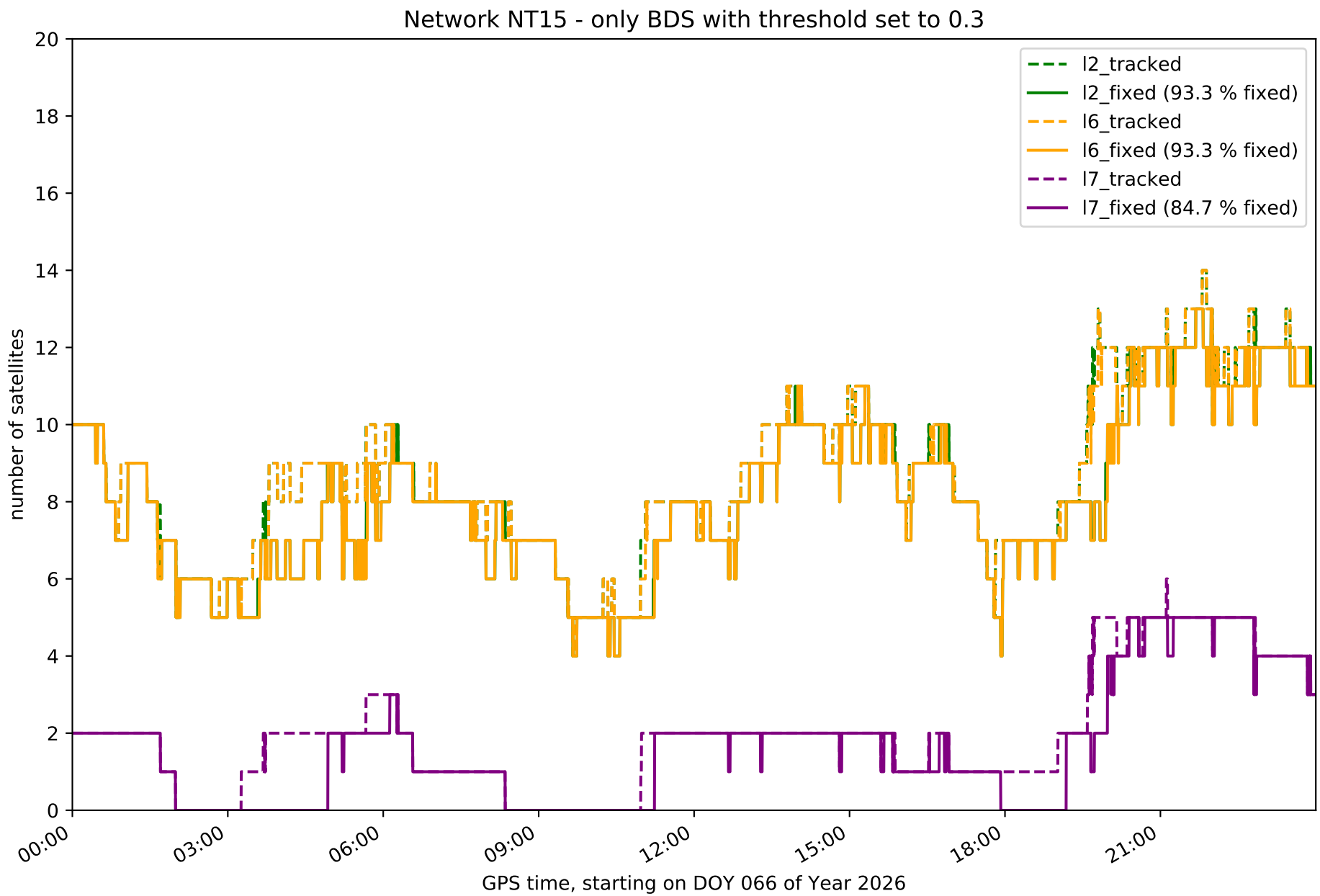

Histogram of the processing rate in network NT15 (durations larger 15 seconds neglected)
number of epochs
0
5000
10000
15000
20000
25000
30000
35000
40000
1
2
3
4
5
6
time difference to next processed epoch [s]

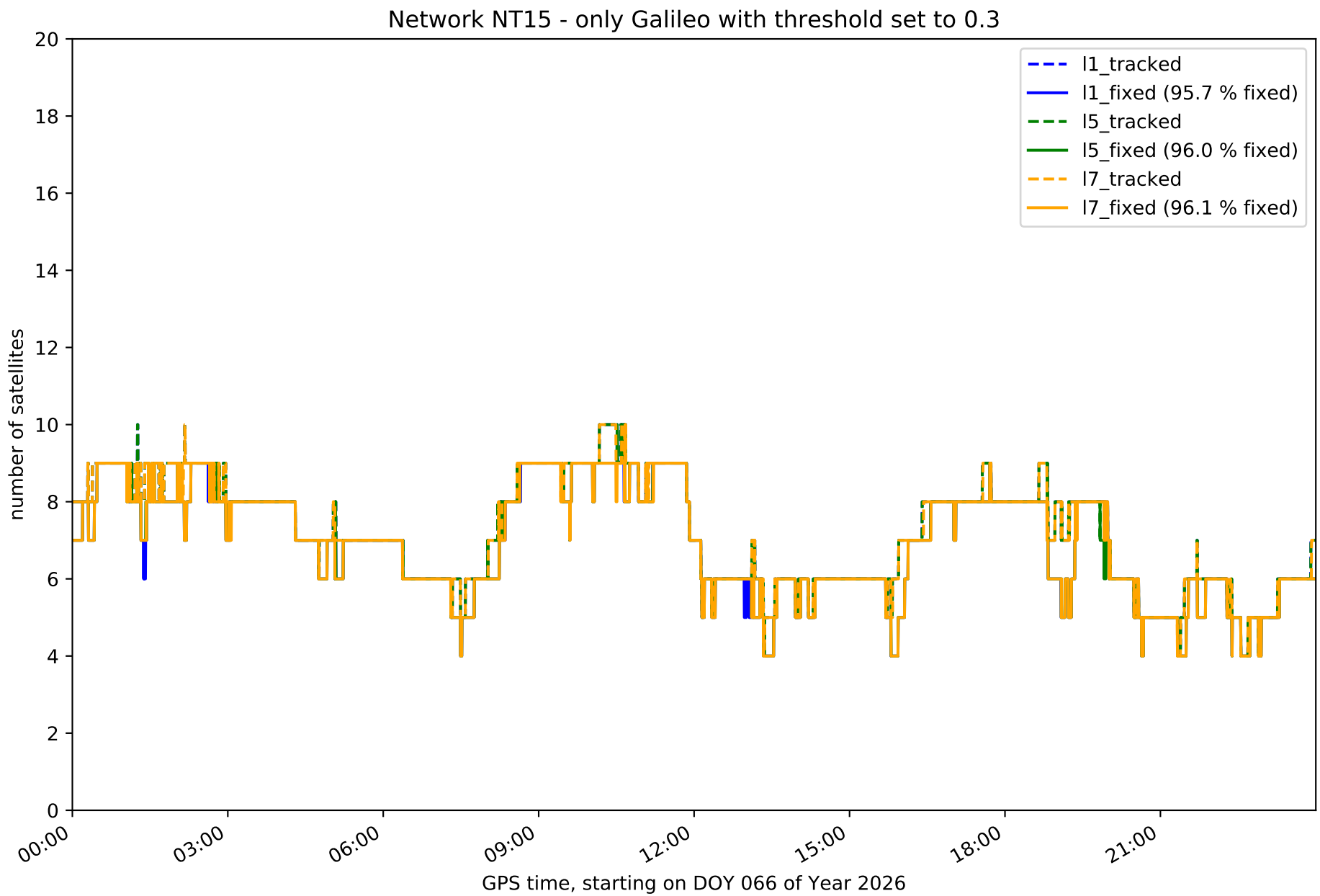

Network NT15 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

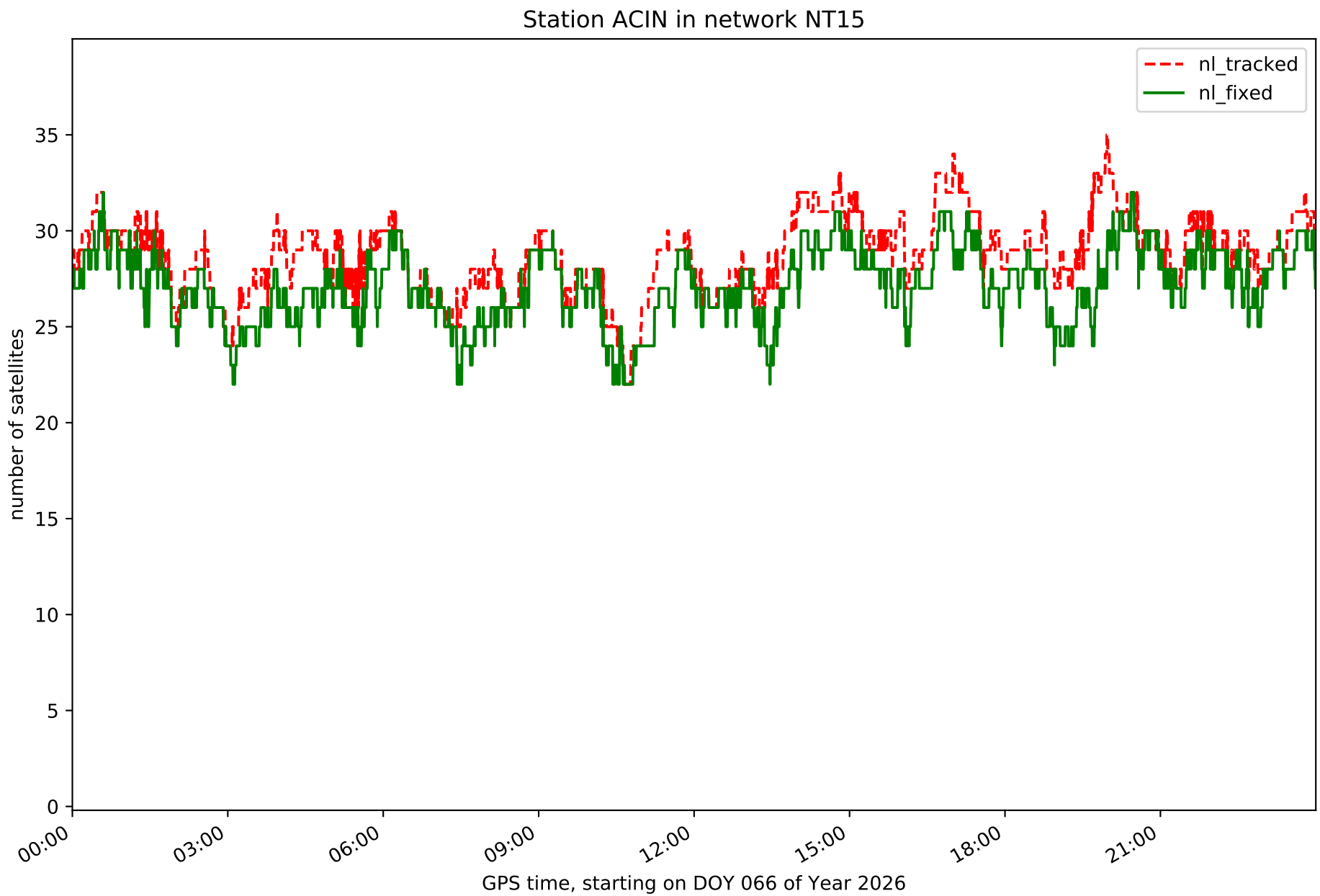

Fixing percentage of satellites in network NT15 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

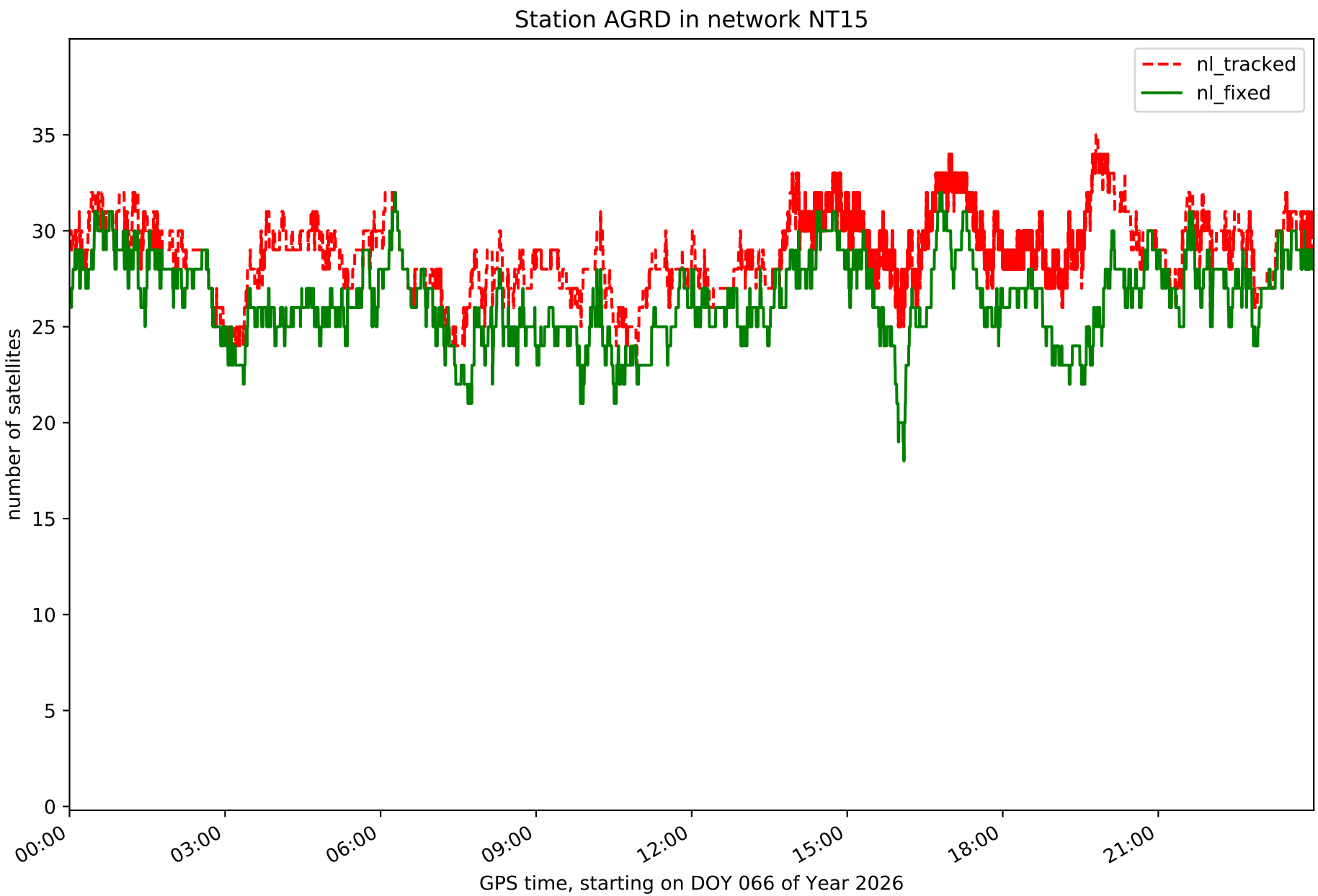

Network NT15 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (95.3 % fixed)
l2_tracked
l2_fixed (95.3 % fixed)
l5_tracked
l5_fixed (94.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

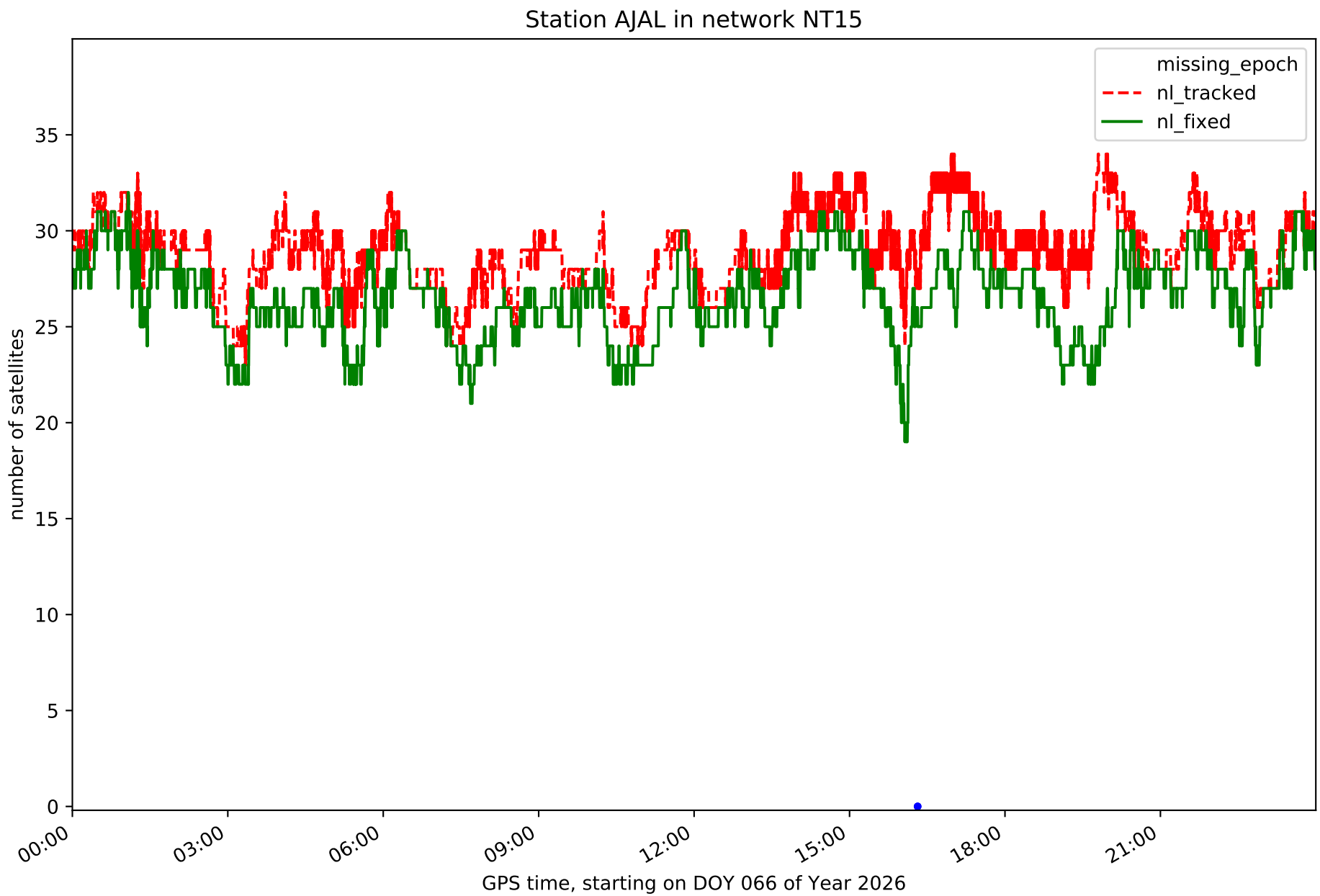

Network NT15 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (89.5 % fixed)
l2_tracked
l2_fixed (89.5 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

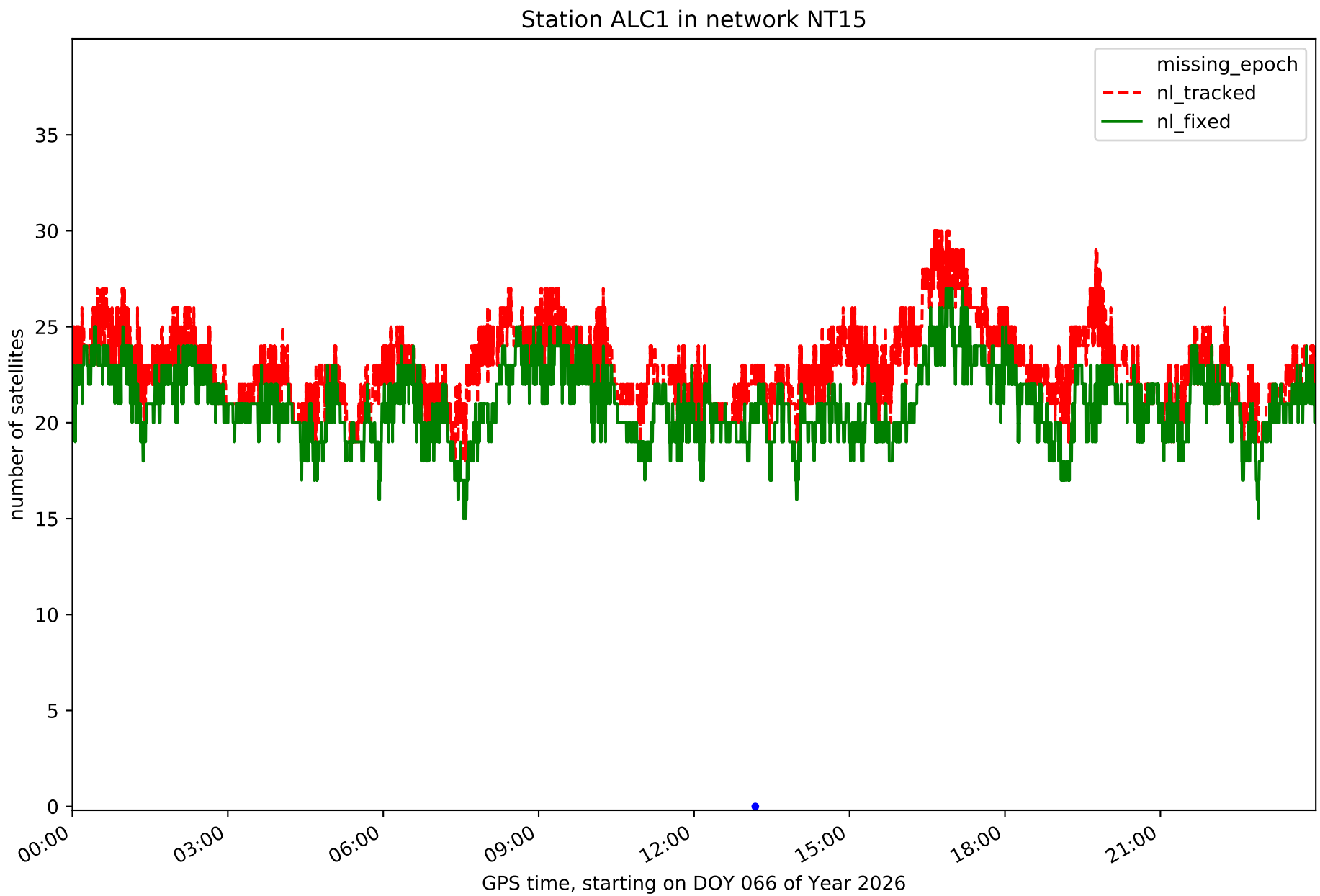

Network NT15 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 066 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (93.3 % fixed)
l6_tracked
l6_fixed (93.3 % fixed)
l7_tracked
l7_fixed (84.7 % fixed)

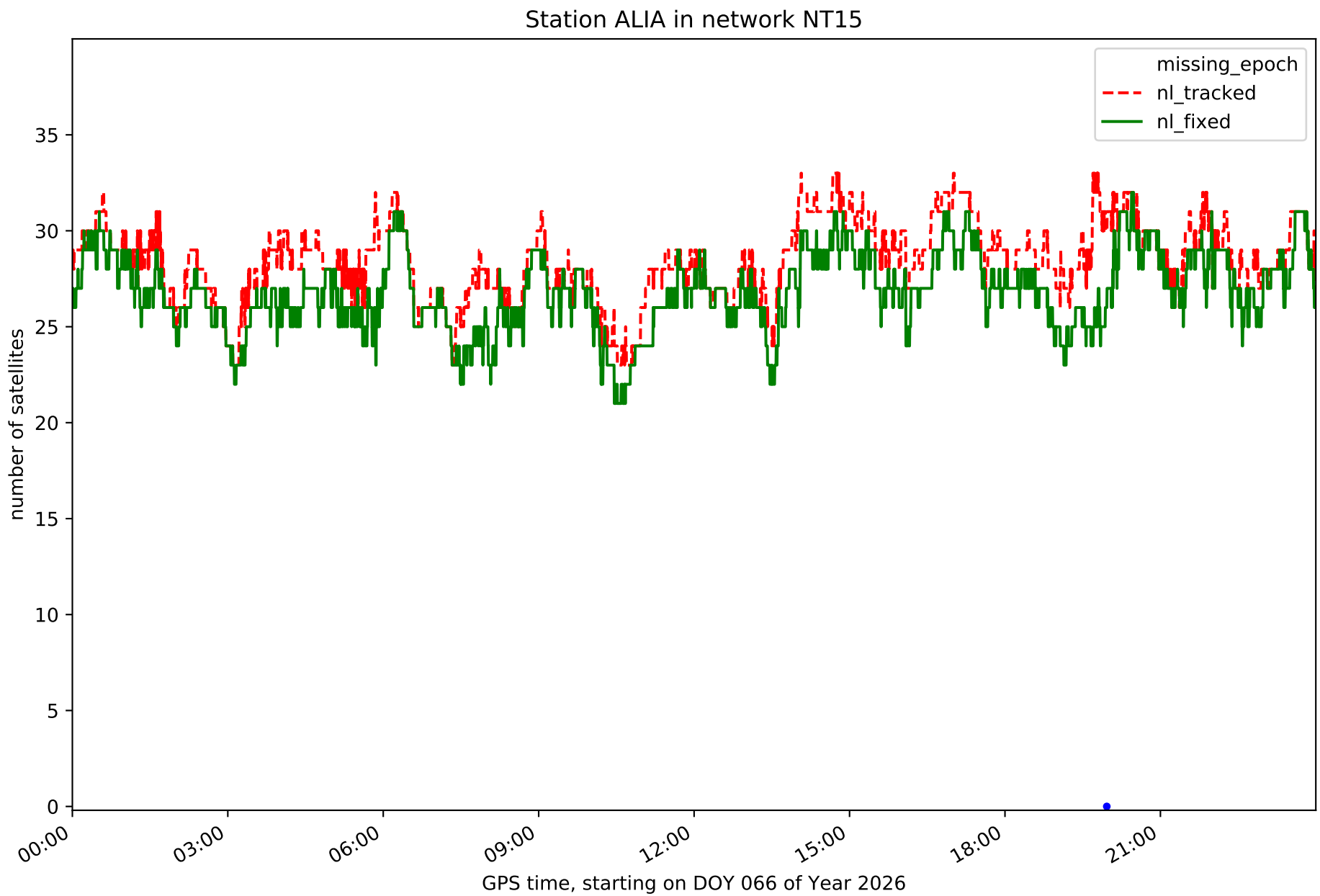

Network NT15 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 066 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (95.7 % fixed)
l5_tracked
l5_fixed (96.0 % fixed)
l7_tracked
l7_fixed (96.1 % fixed)

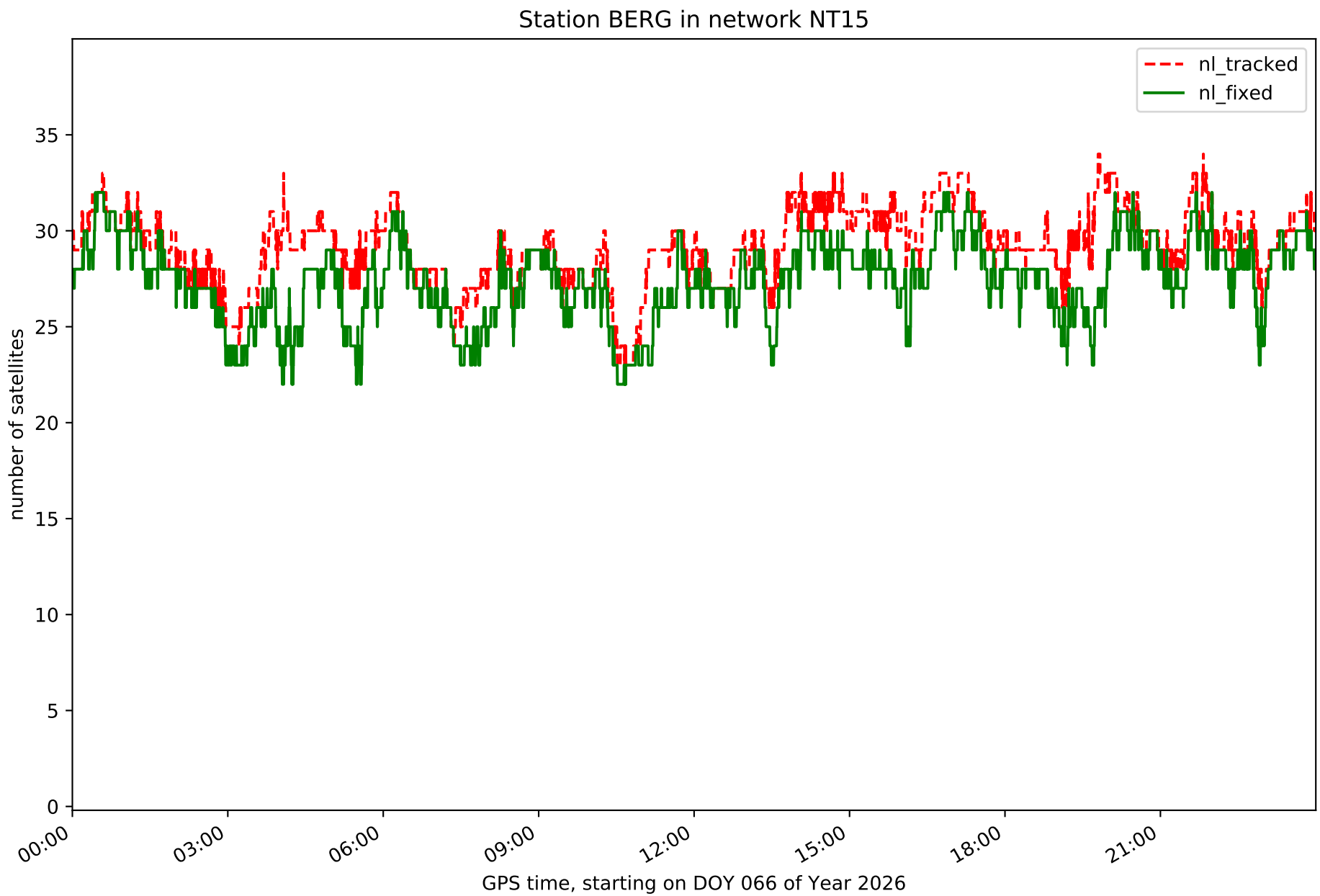

Station ACIN in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

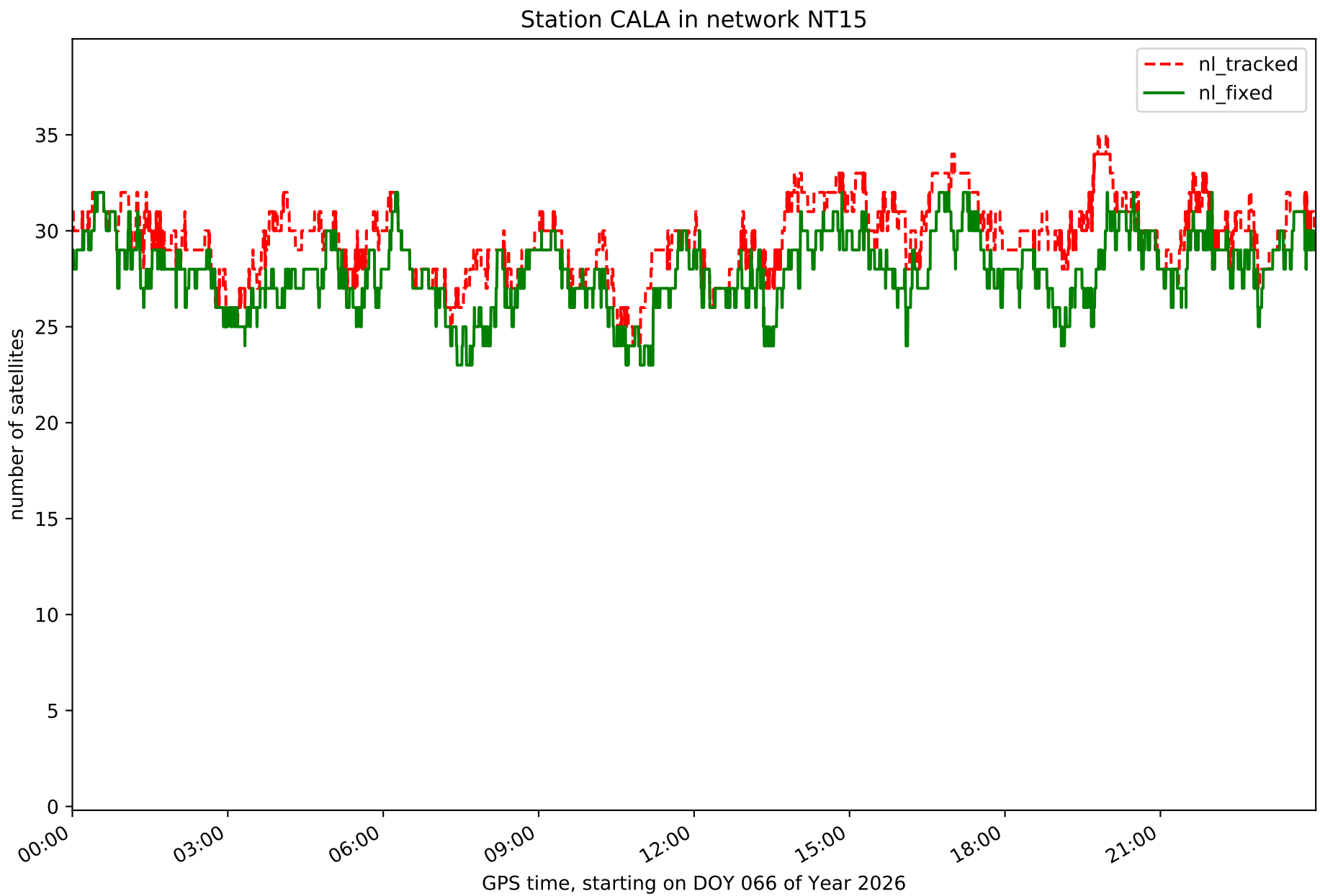

Station AGRD in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

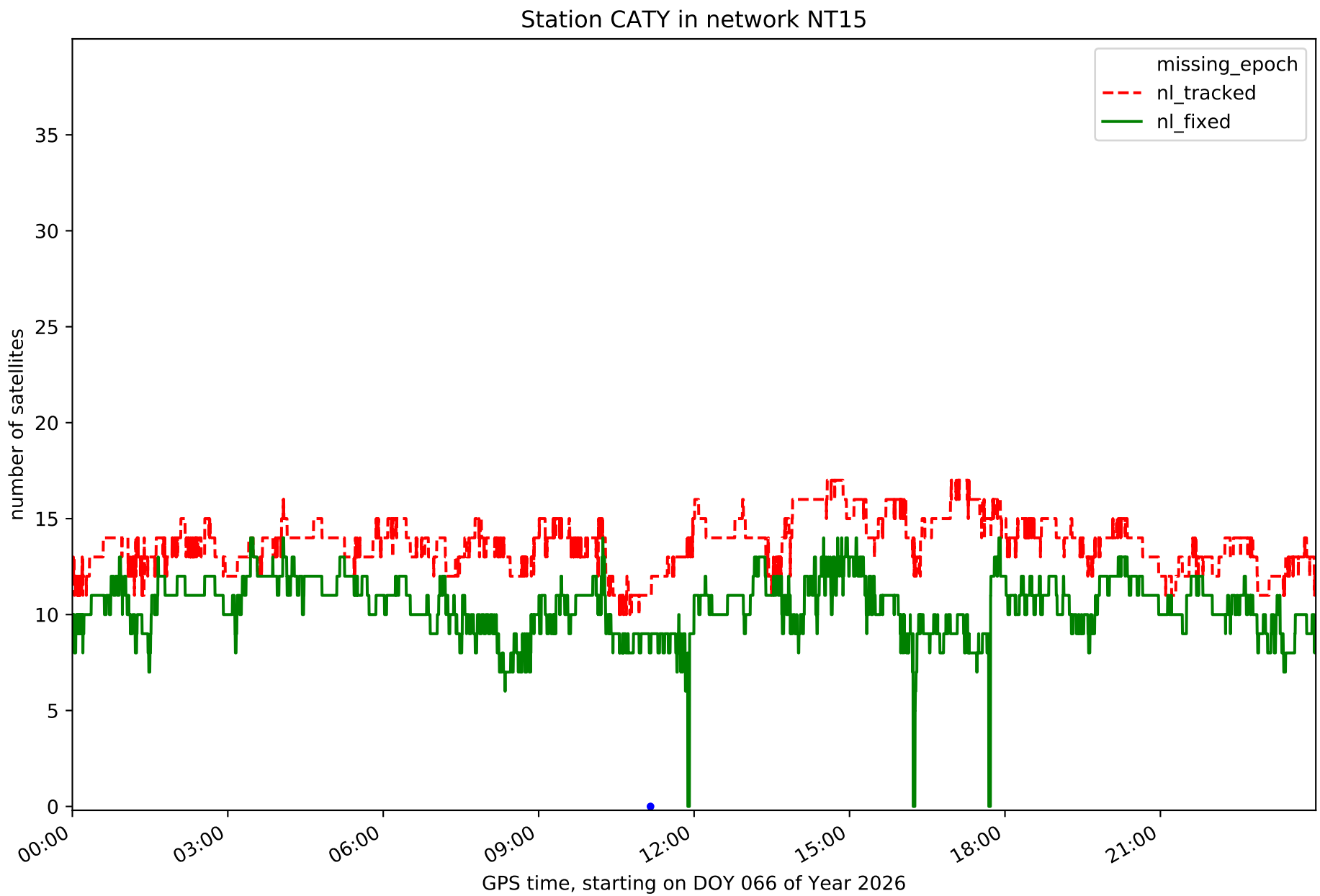

Station AJAL in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

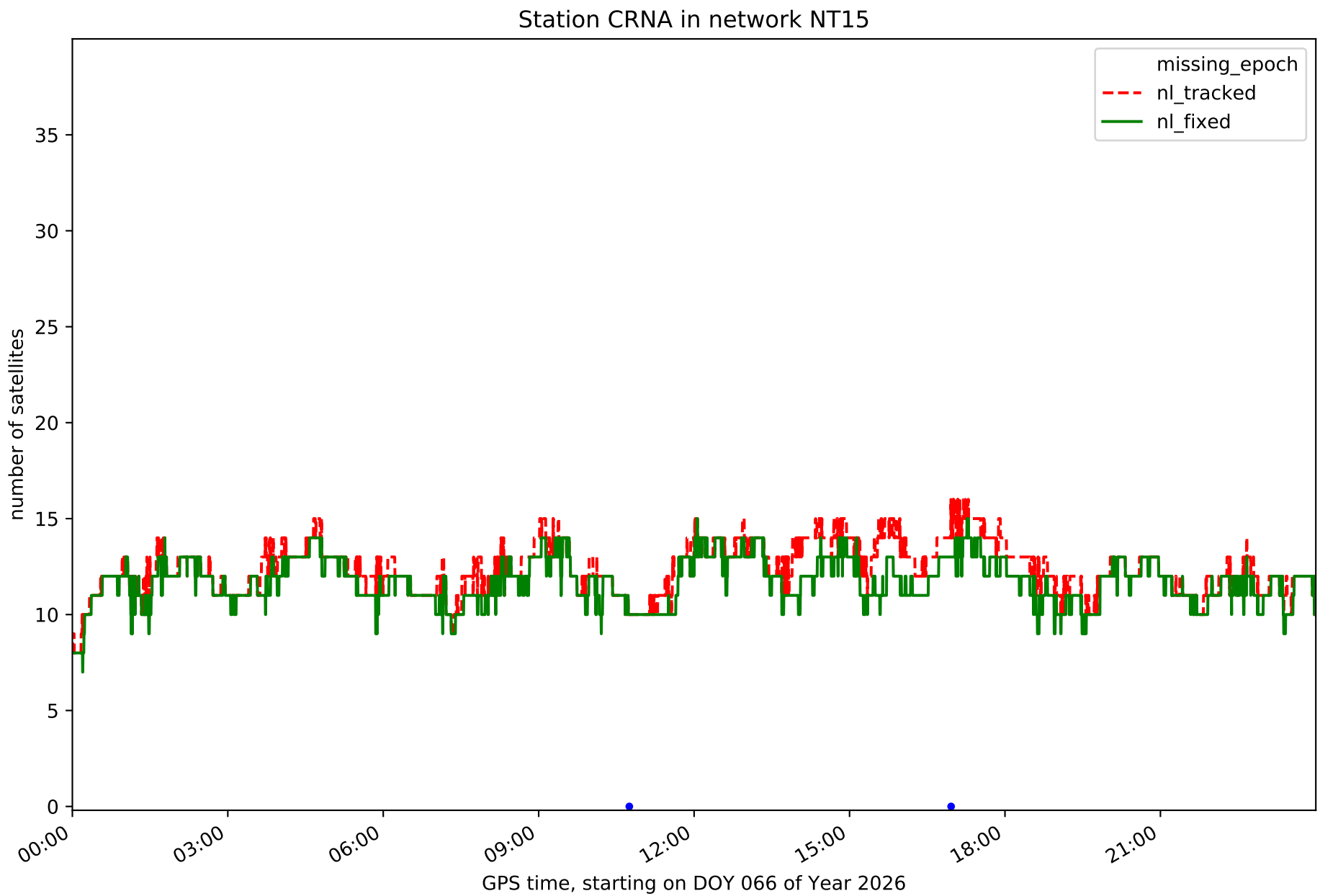

Station ALC1 in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

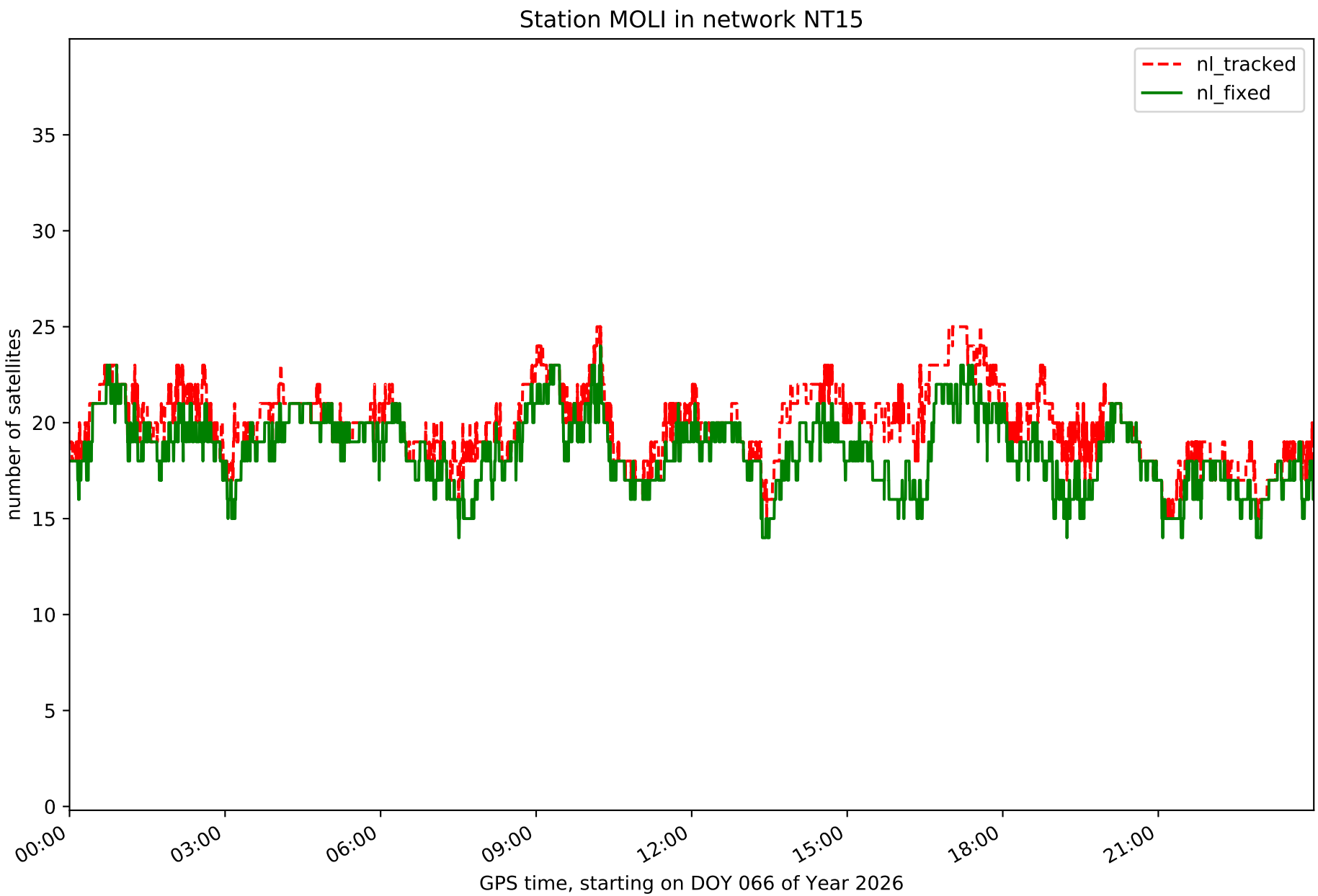

Station ALIA in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

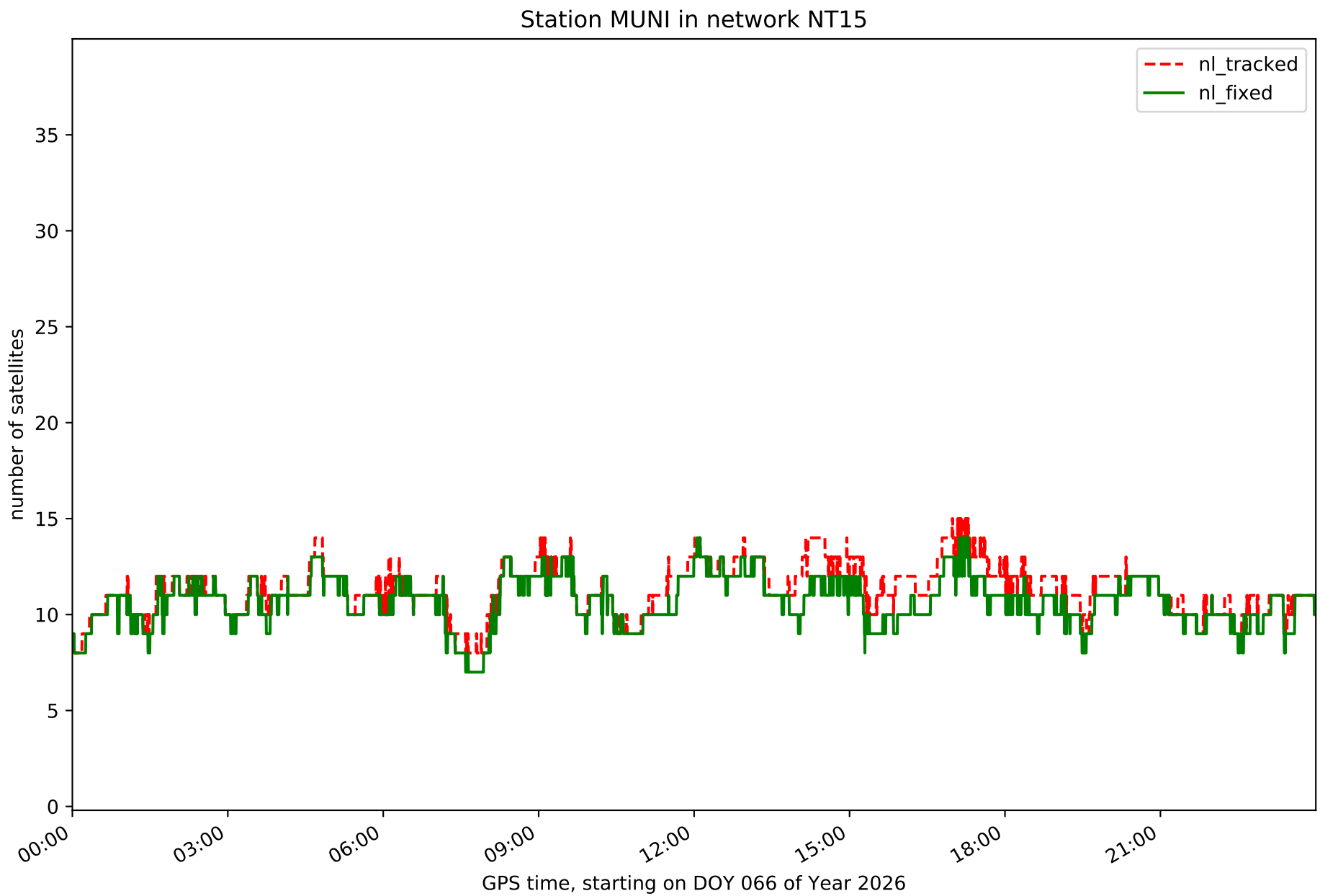

Station BERG in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

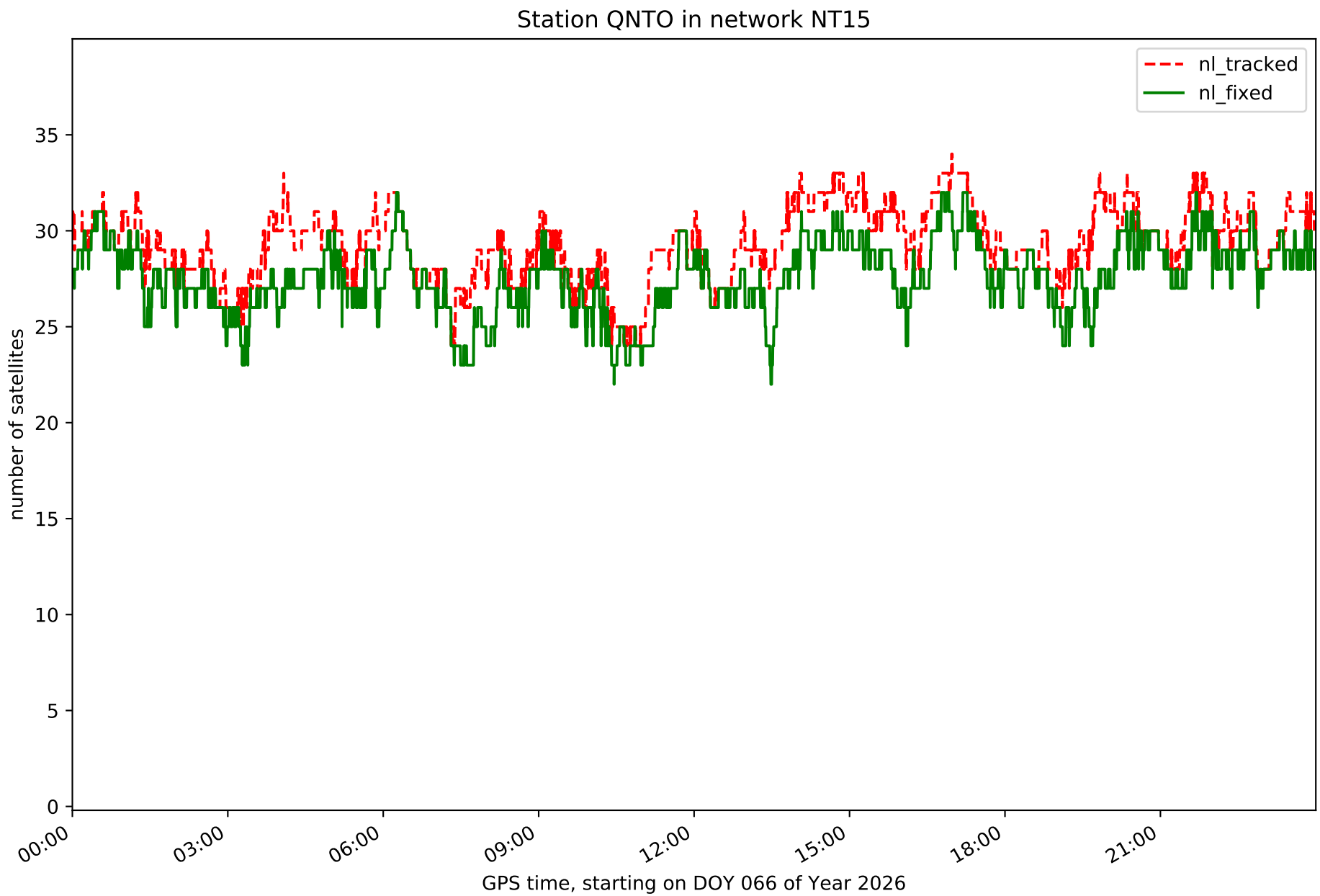

Station CALA in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

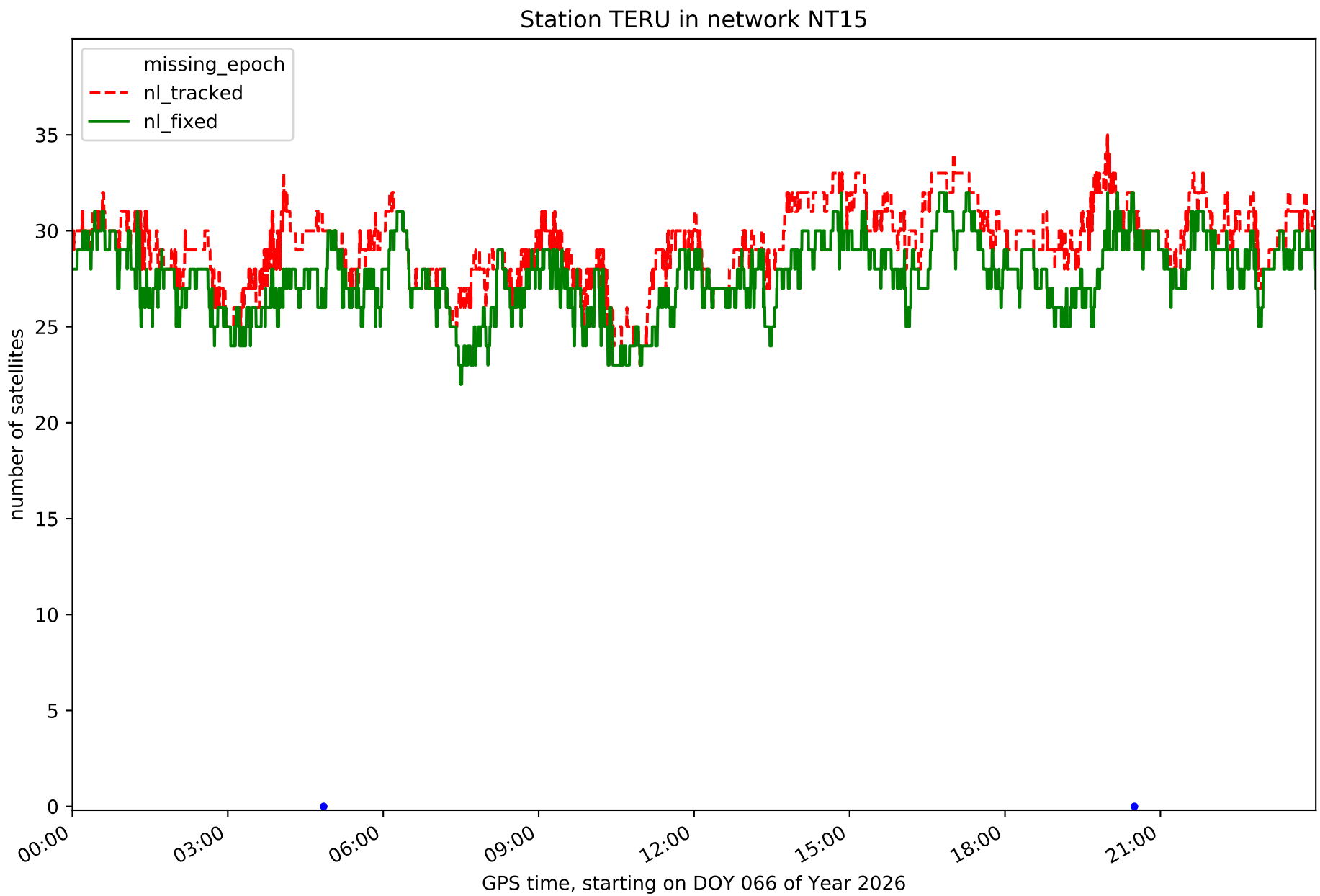

Station CATY in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

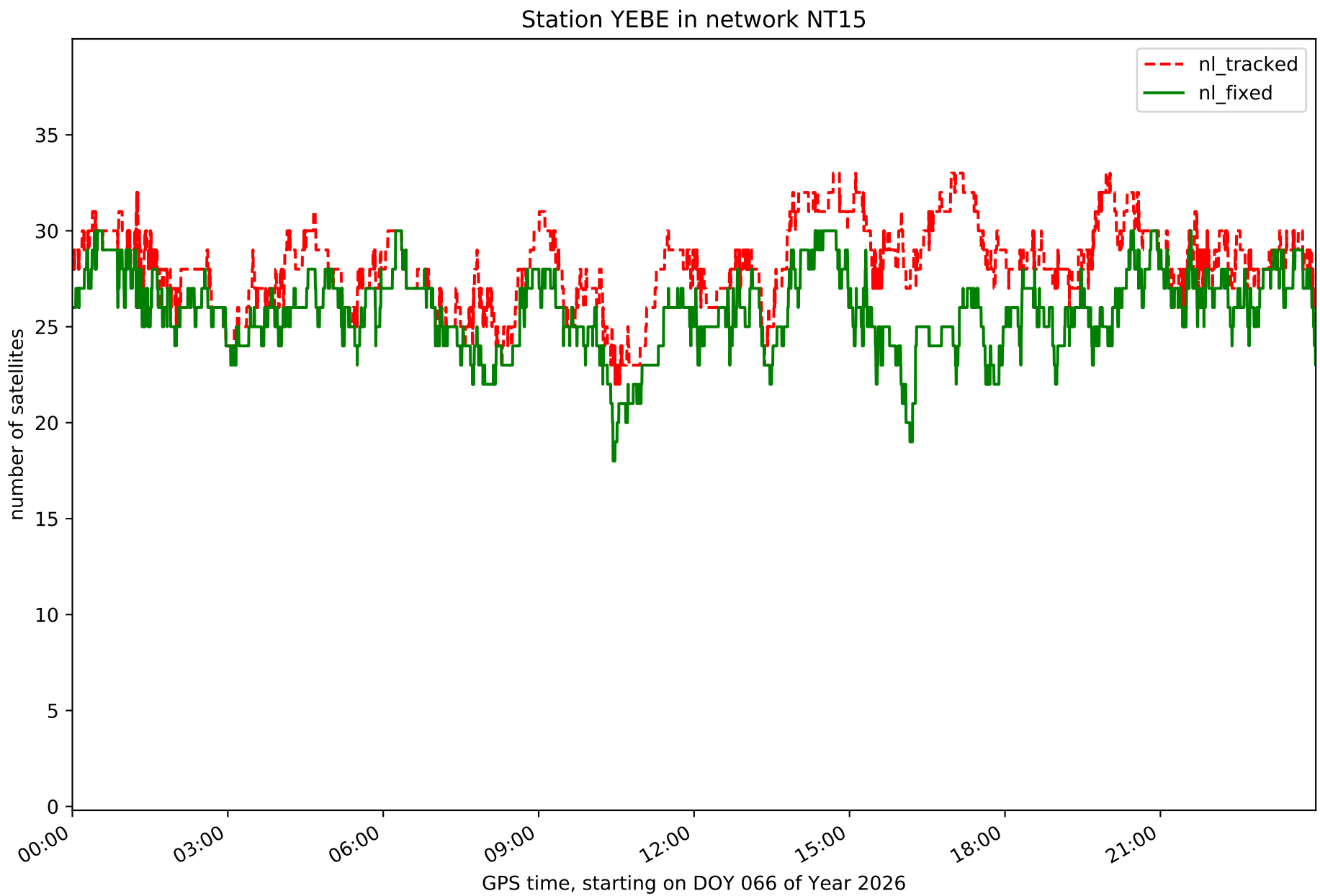

Station CRNA in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

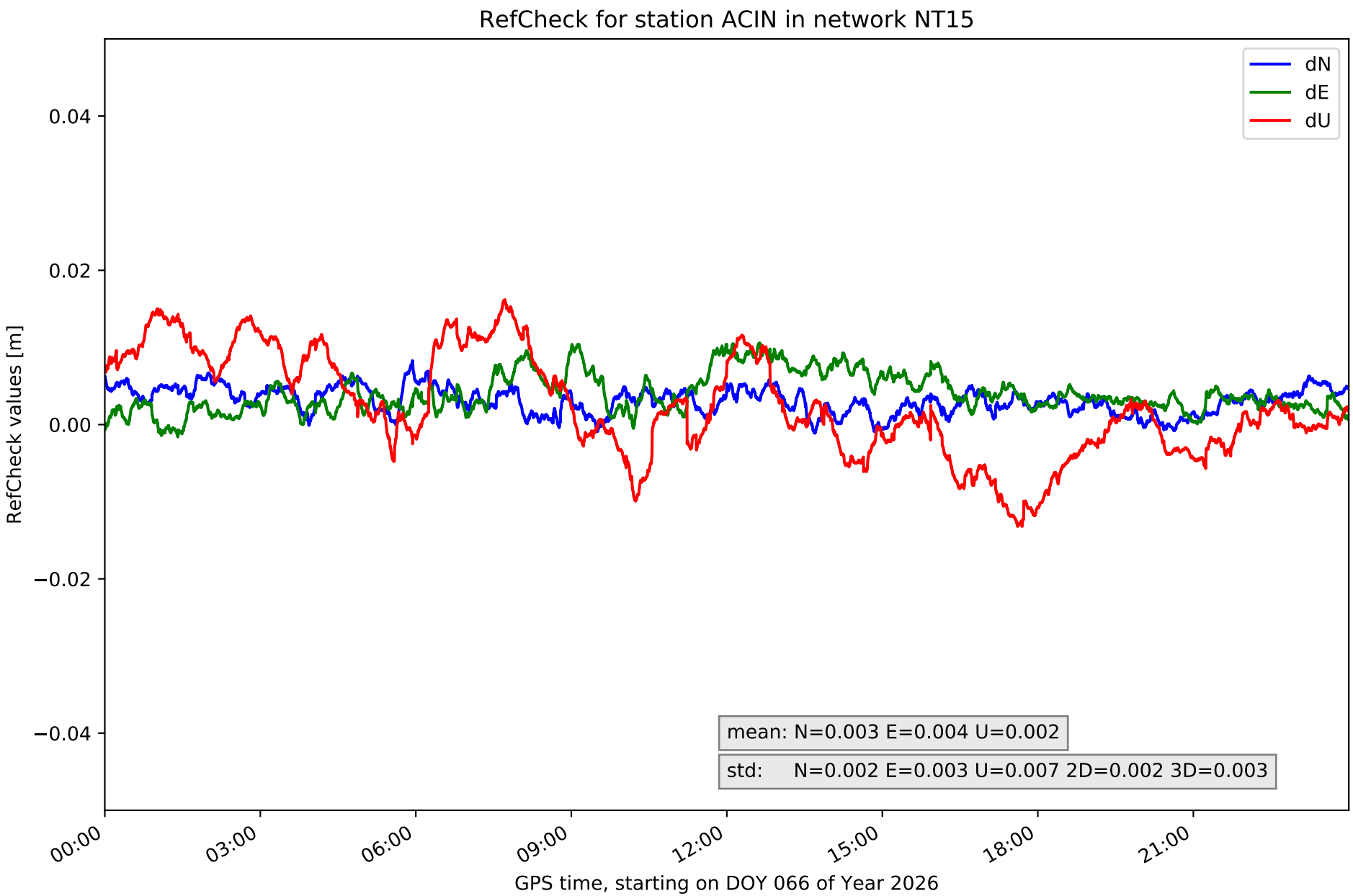

Station MOLI in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

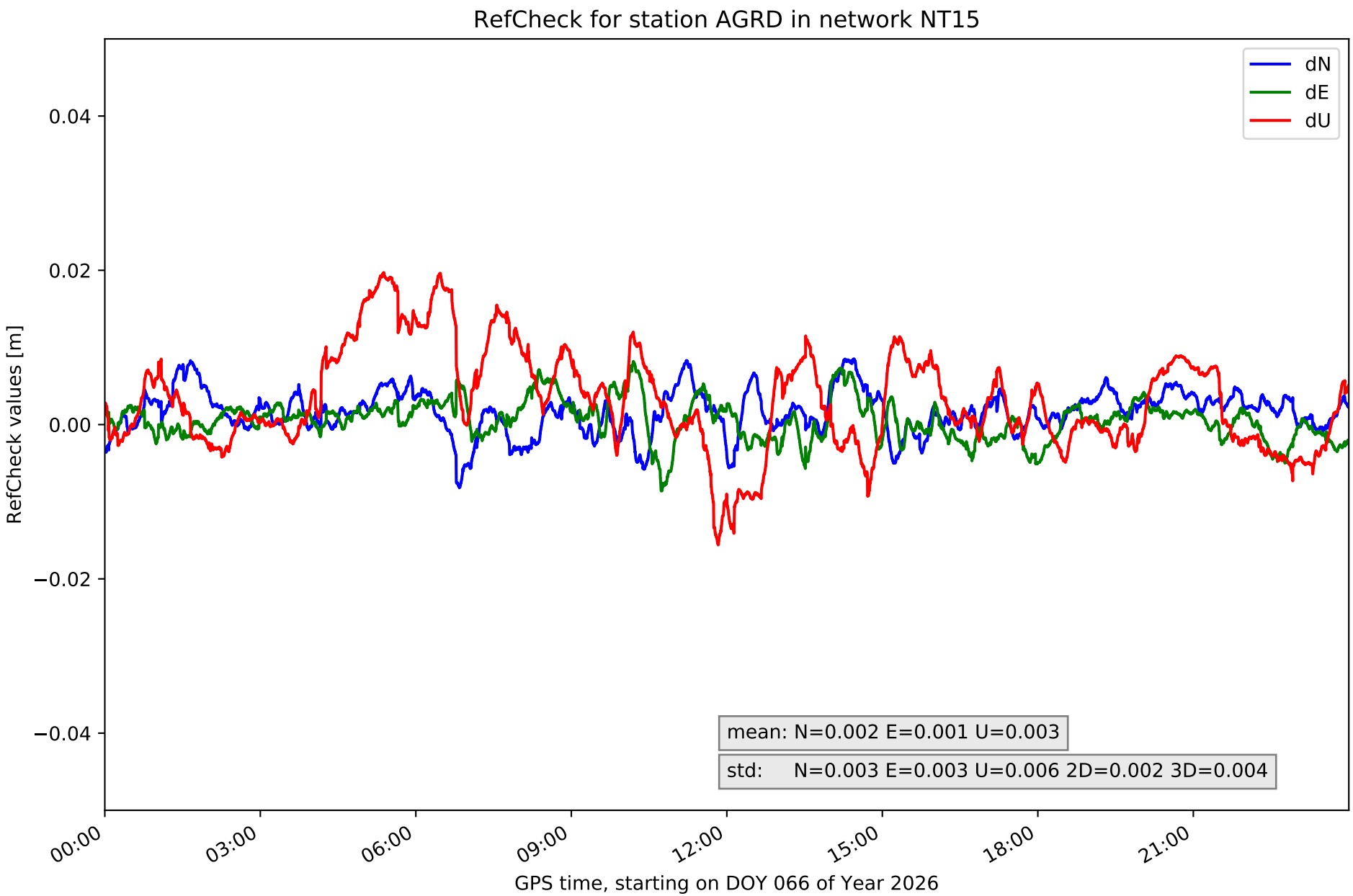

Station MUNI in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

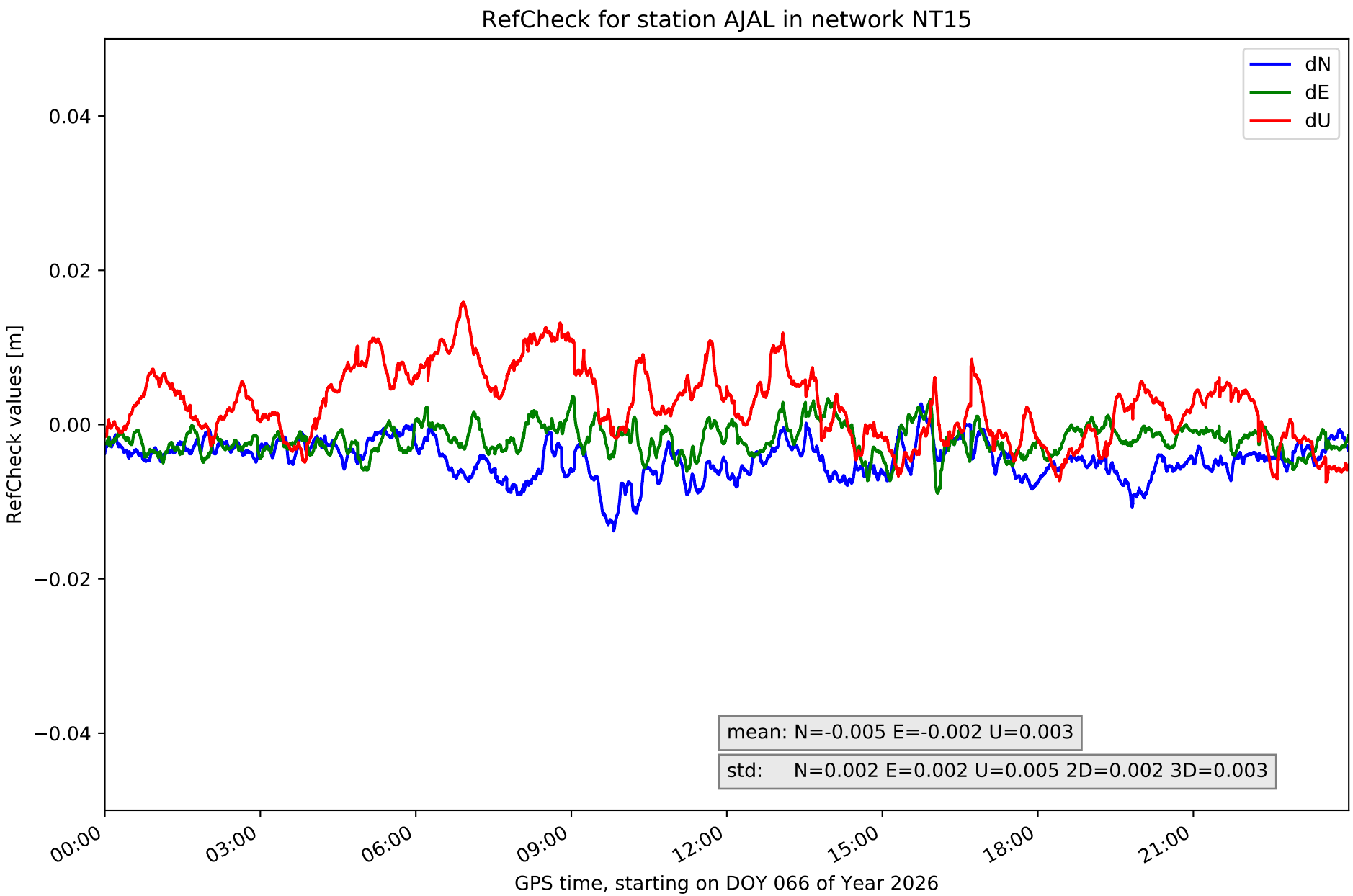

Station QNTO in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

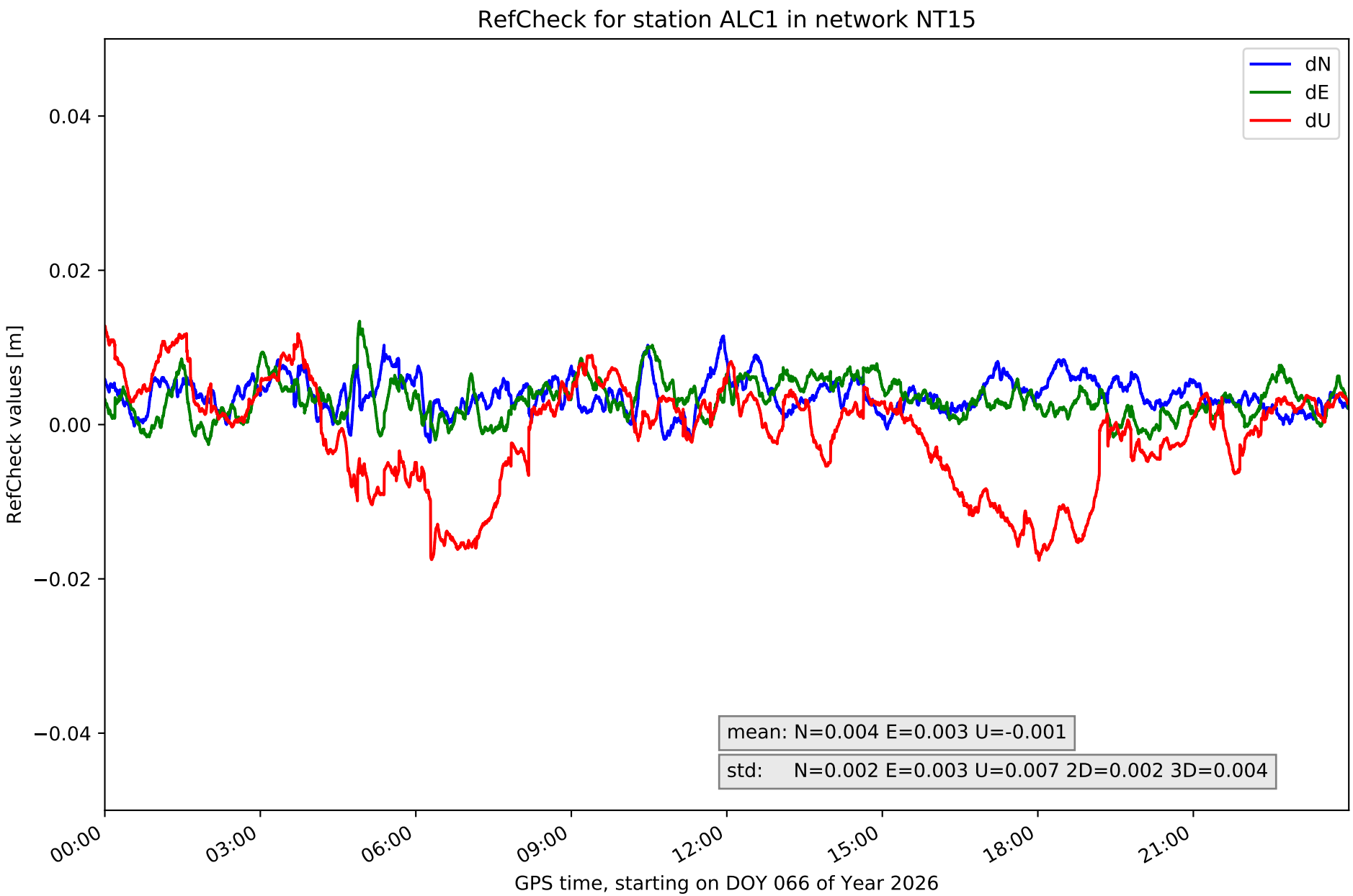

Station TERU in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

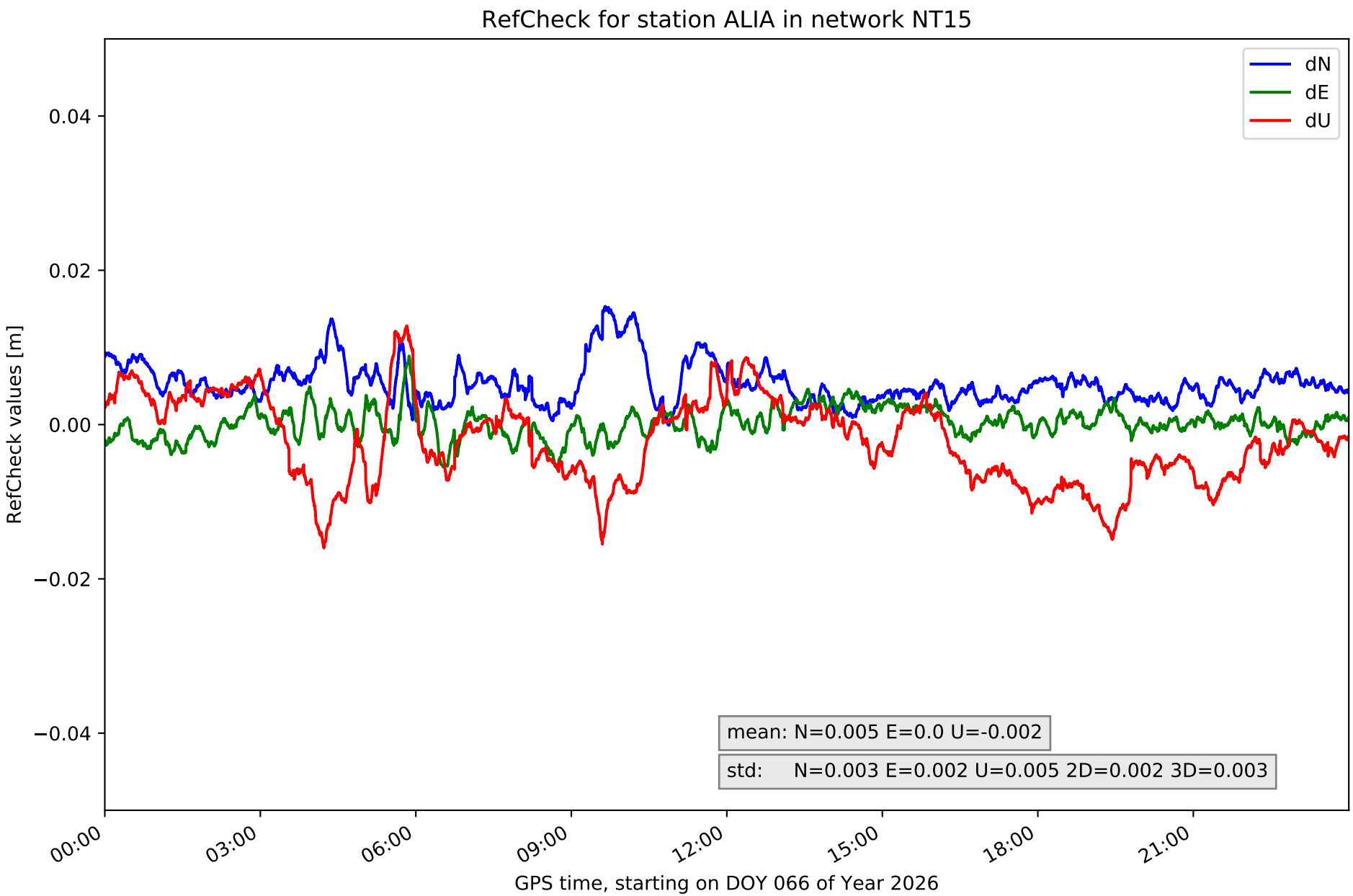

Station YEBE in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

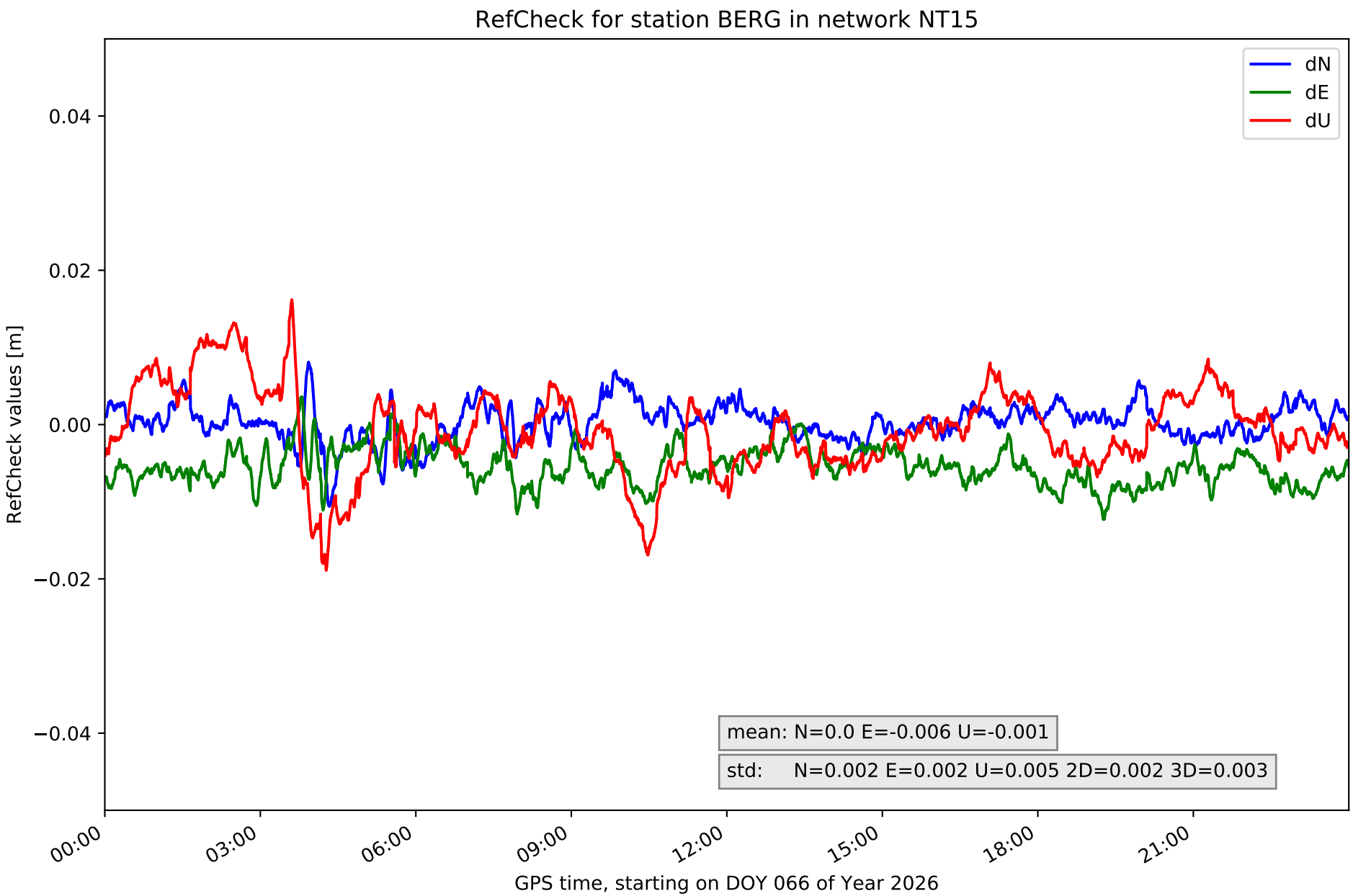

RefCheck for station ACIN in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.004 U=0.002
std: N=0.002 E=0.003 U=0.007 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

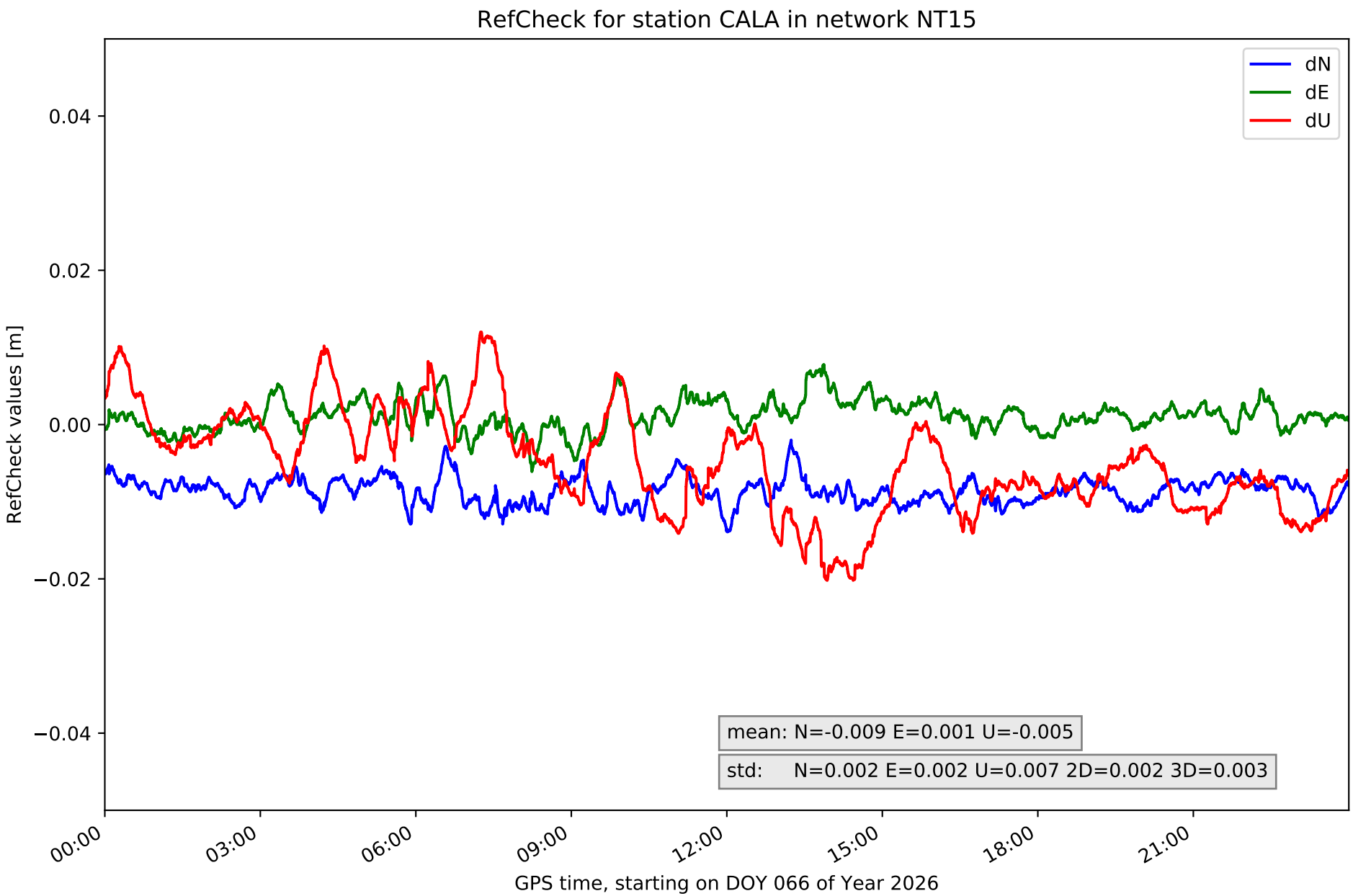

RefCheck for station AGRD in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.001 U=0.003
std: N=0.003 E=0.003 U=0.006 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

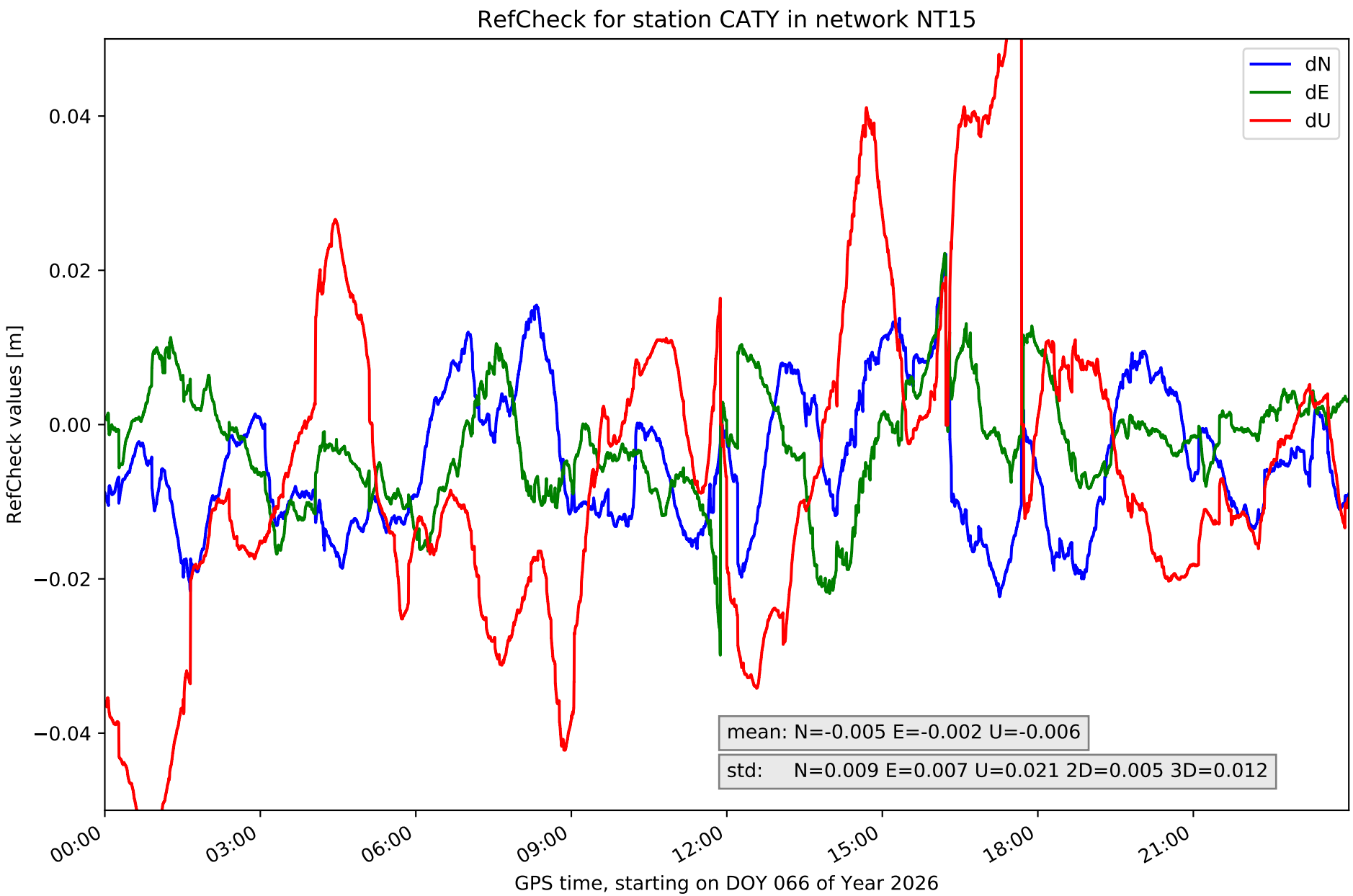

RefCheck for station AJAL in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.002 U=0.003
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

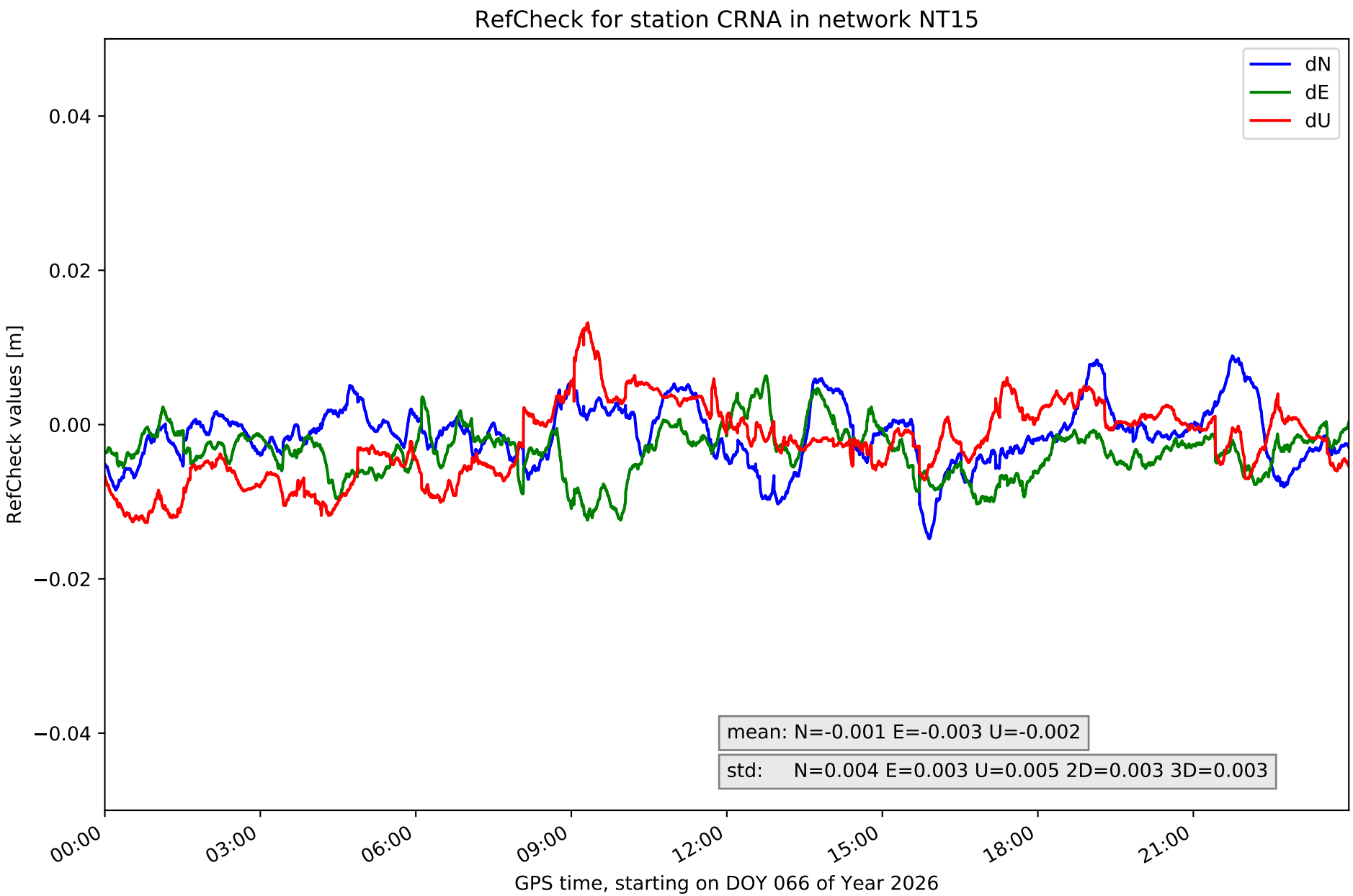

RefCheck for station ALC1 in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.003 U=-0.001
std: N=0.002 E=0.003 U=0.007 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

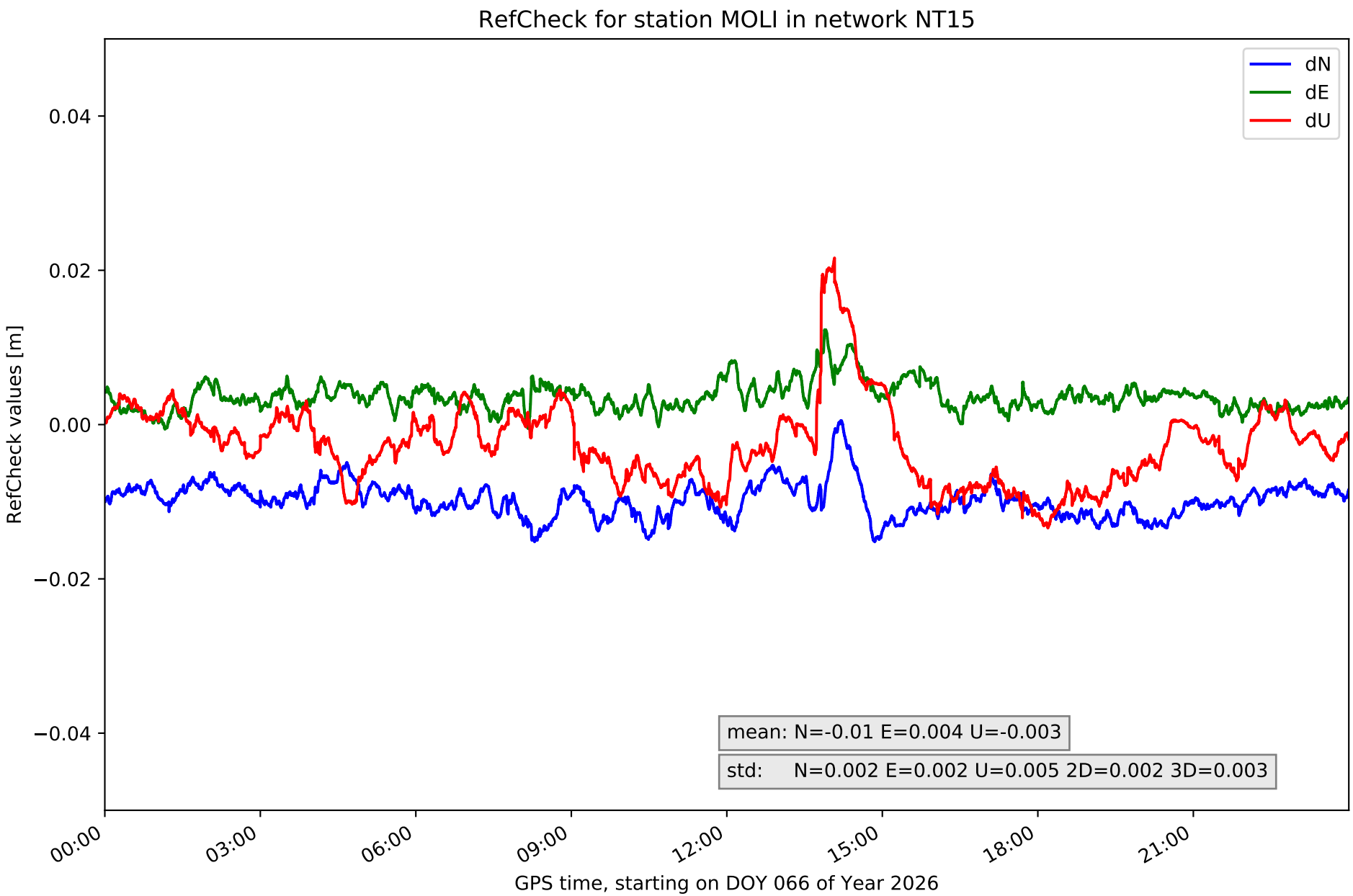

RefCheck for station ALIA in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=0.0 U=-0.002
std: N=0.003 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

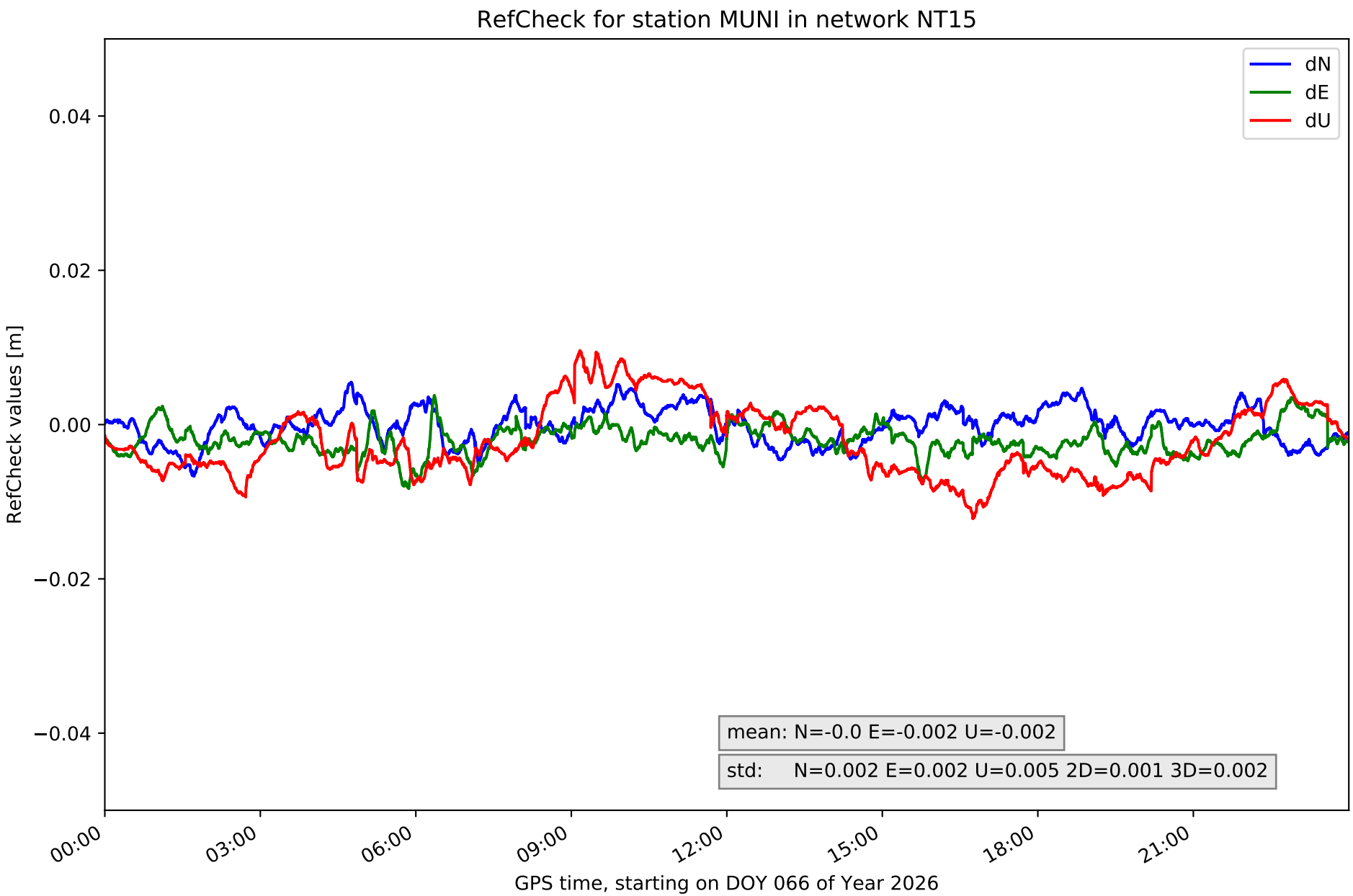

RefCheck for station BERG in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.006 U=-0.001
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

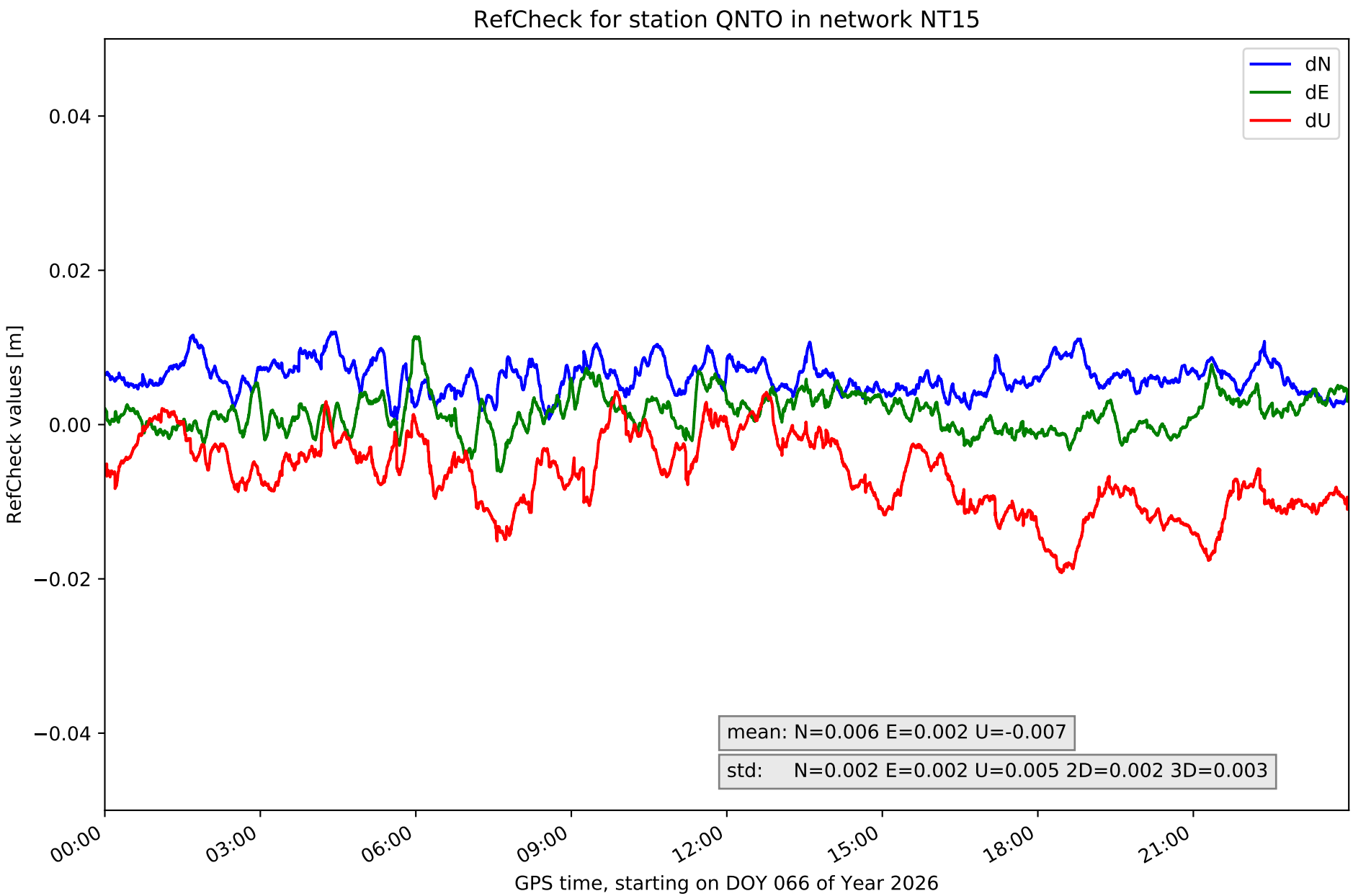

RefCheck for station CALA in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.009 E=0.001 U=-0.005
std: N=0.002 E=0.002 U=0.007 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

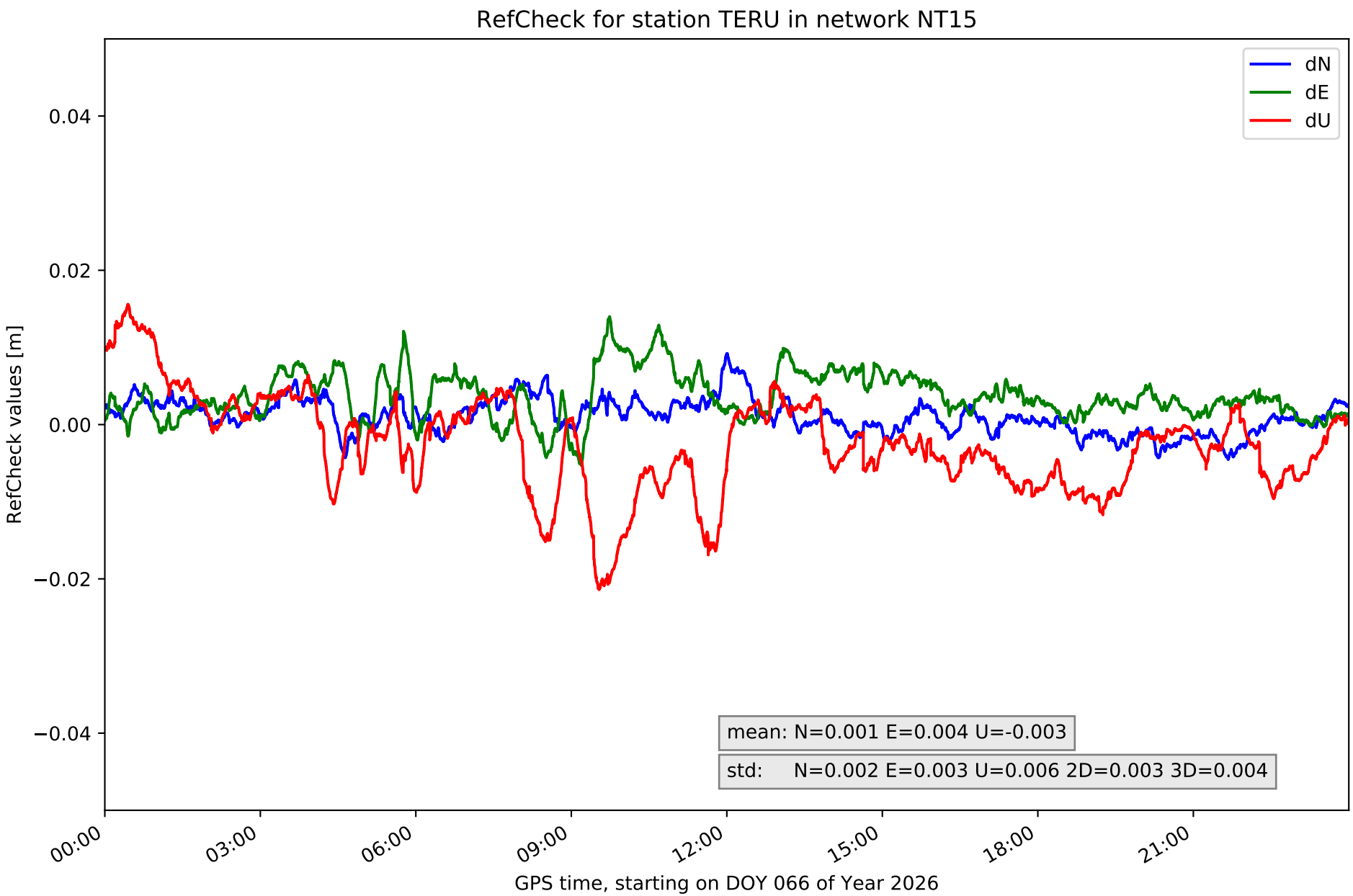

RefCheck for station CATY in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.002 U=-0.006
std: N=0.009 E=0.007 U=0.021 2D=0.005 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

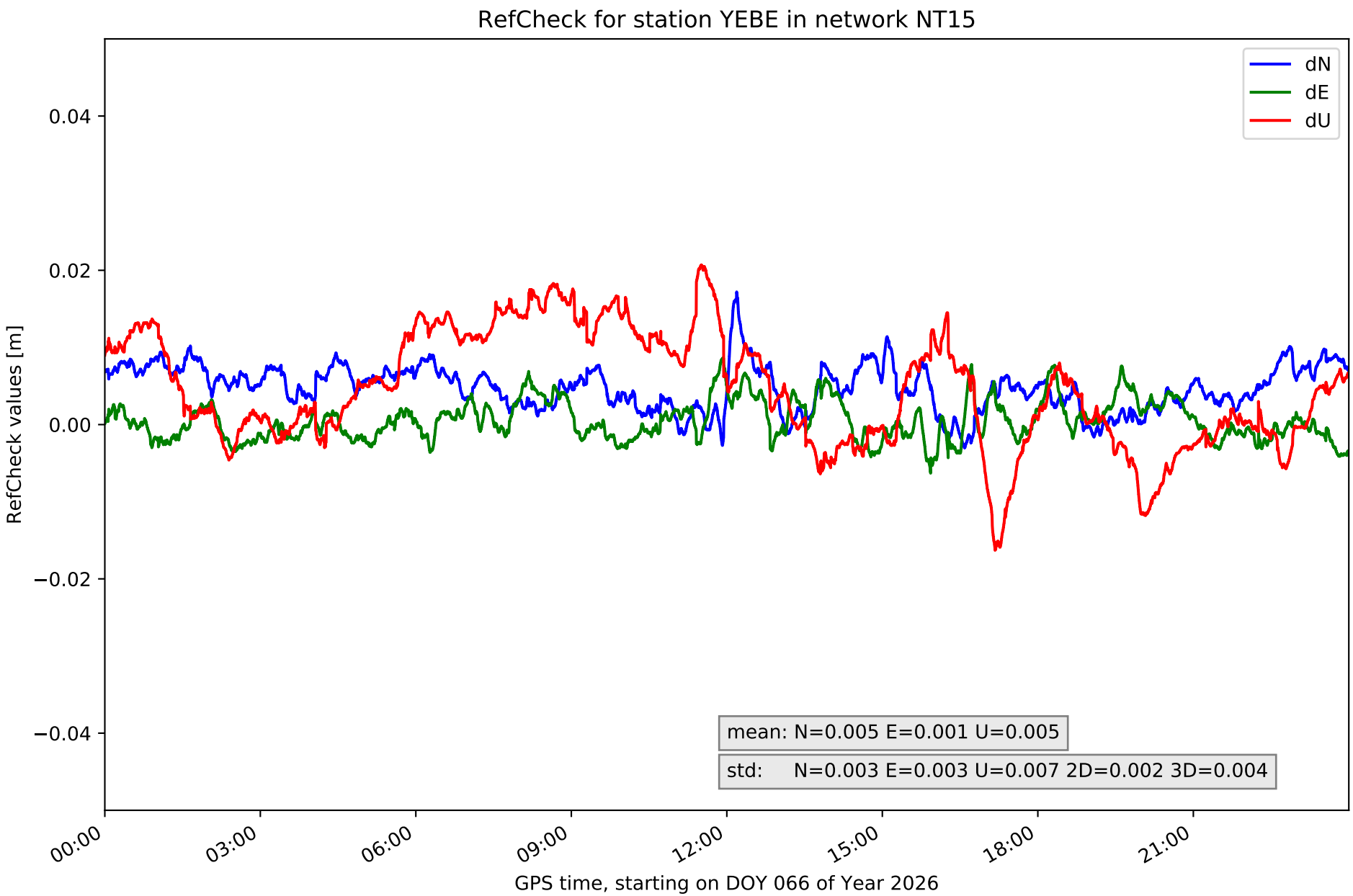

RefCheck for station CRNA in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.003 U=-0.002
std: N=0.004 E=0.003 U=0.005 2D=0.003 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026


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=-0.003
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 066 of Year 2026


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=-0.0 E=-0.002 U=-0.002
std: N=0.002 E=0.002 U=0.005 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 066 of Year 2026


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=0.006 E=0.002 U=-0.007
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 066 of Year 2026


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=0.001 E=0.004 U=-0.003
std: N=0.002 E=0.003 U=0.006 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 066 of Year 2026


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=0.005 E=0.001 U=0.005
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 066 of Year 2026

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	-0.001	0.008	0.002	-0.002	0.011	0.003	-0.013	0.016	0.007	0.002	0.003	1833	4.0	0	0.0
AGRD	-0.008	0.009	0.003	-0.009	0.008	0.003	-0.016	0.02	0.006	0.002	0.004	381	0.8	93	0.2
AJAL	-0.014	0.003	0.002	-0.009	0.004	0.002	-0.007	0.016	0.005	0.002	0.003	1249	2.7	0	0.0
ALC1	-0.002	0.011	0.002	-0.003	0.013	0.003	-0.018	0.013	0.007	0.002	0.004	1853	4.1	0	0.0
ALIA	-0.0	0.015	0.003	-0.006	0.009	0.002	-0.016	0.013	0.005	0.002	0.003	3205	7.0	107	0.2
BERG	-0.011	0.008	0.002	-0.012	0.004	0.002	-0.019	0.016	0.005	0.002	0.003	1668	3.7	213	0.5
CALA	-0.014	-0.002	0.002	-0.006	0.008	0.002	-0.02	0.012	0.007	0.002	0.003	13325	29.2	1431	3.1
CATY	**-0.022**	**0.022**	**0.009**	**-0.03**	**0.022**	**0.007**	**-0.06**	**0.06**	**0.021**	**0.005**	**0.012**	26608	58.4	**21188**	**46.5**
CRNA	-0.015	0.009	0.004	-0.012	0.006	0.003	-0.013	0.013	0.005	0.003	0.003	4099	9.0	0	0.0
MOLI	-0.015	0.001	0.002	-0.001	0.012	0.002	-0.013	0.022	0.005	0.002	0.003	**26930**	**59.1**	501	1.1
MUNI	-0.007	0.005	0.002	-0.008	0.004	0.002	-0.012	0.01	0.005	0.001	0.002	0	0.0	0	0.0
QNTO	0.001	0.012	0.002	-0.006	0.011	0.002	-0.019	0.004	0.005	0.002	0.003	3687	8.1	900	2.0
TERU	-0.004	0.009	0.002	-0.005	0.014	0.003	-0.021	0.016	0.006	0.003	0.004	1560	3.4	817	1.8
YEBE	-0.003	0.017	0.003	-0.006	0.009	0.003	-0.016	0.021	0.007	0.002	0.004	1083	2.4	280	0.6
Mean	**-0.008**	**0.009**	**0.003**	**-0.008**	**0.01**	**0.003**	**-0.019**	**0.018**	**0.007**	**0.002**	**0.004**	**6248.6**	**13.7**	**1823.6**	**4.0**
Min/Max	**-0.022**	**0.022**	**0.009**	**-0.03**	**0.022**	**0.007**	**-0.06**	**0.06**	**0.021**	**0.005**	**0.012**	**26930**	**59.1**	**21188**	**46.5**

fixing statistic for network NT15

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	93.8	95.3	89.5	95.7	93.3
considering satellites with dual-frequency fixed	92.2	94.4	85.3	95.0	92.6
considering all signals separately	92.6	94.4	85.4	95.3	92.0