summary for network NT32

timeperiod chosen: from 2025-09-15-00:00:00 until 2025-09-15-23:59:59

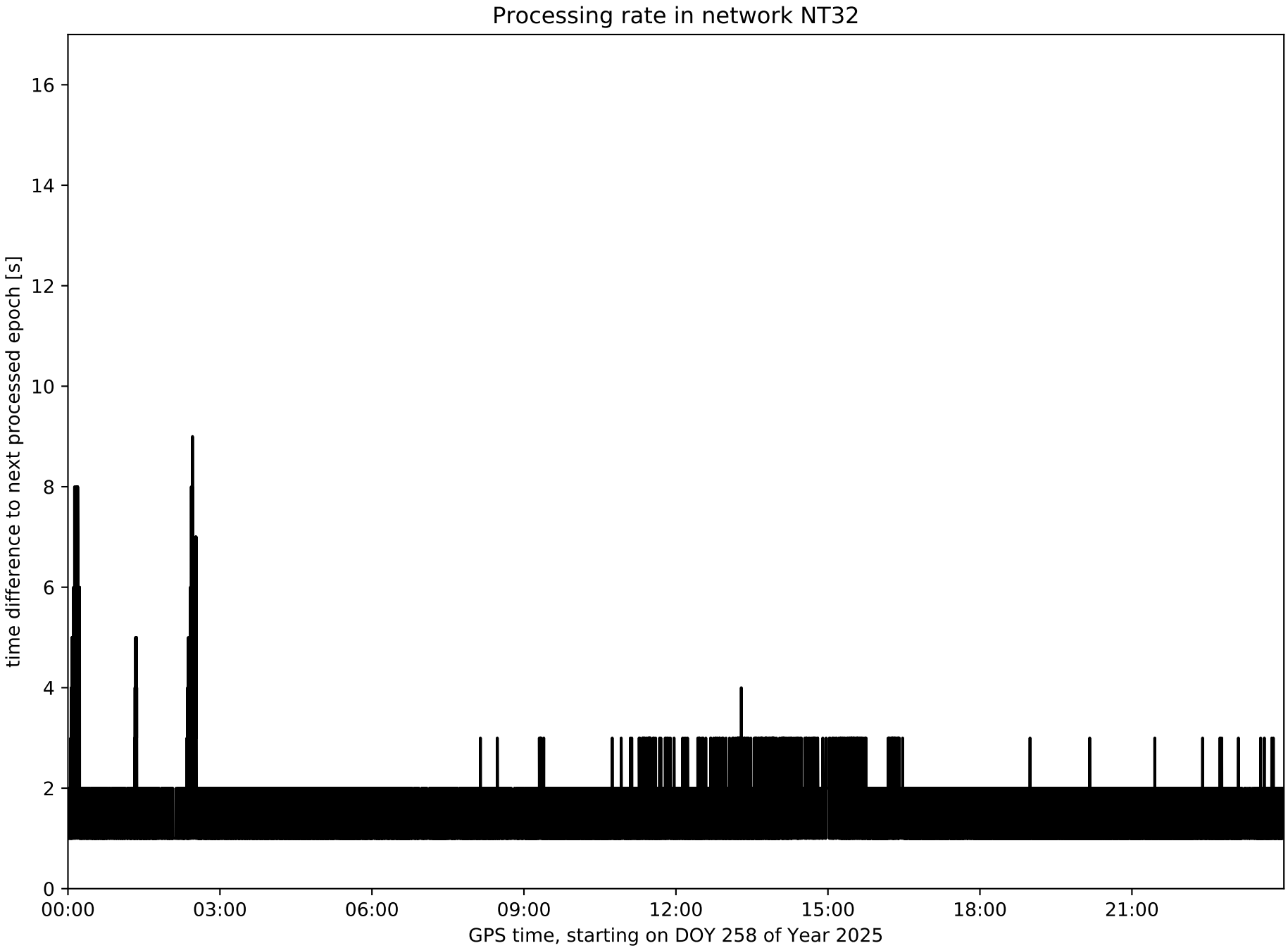
average update rate (durations larger than 15 seconds considered as observation gap): 1.2 seconds

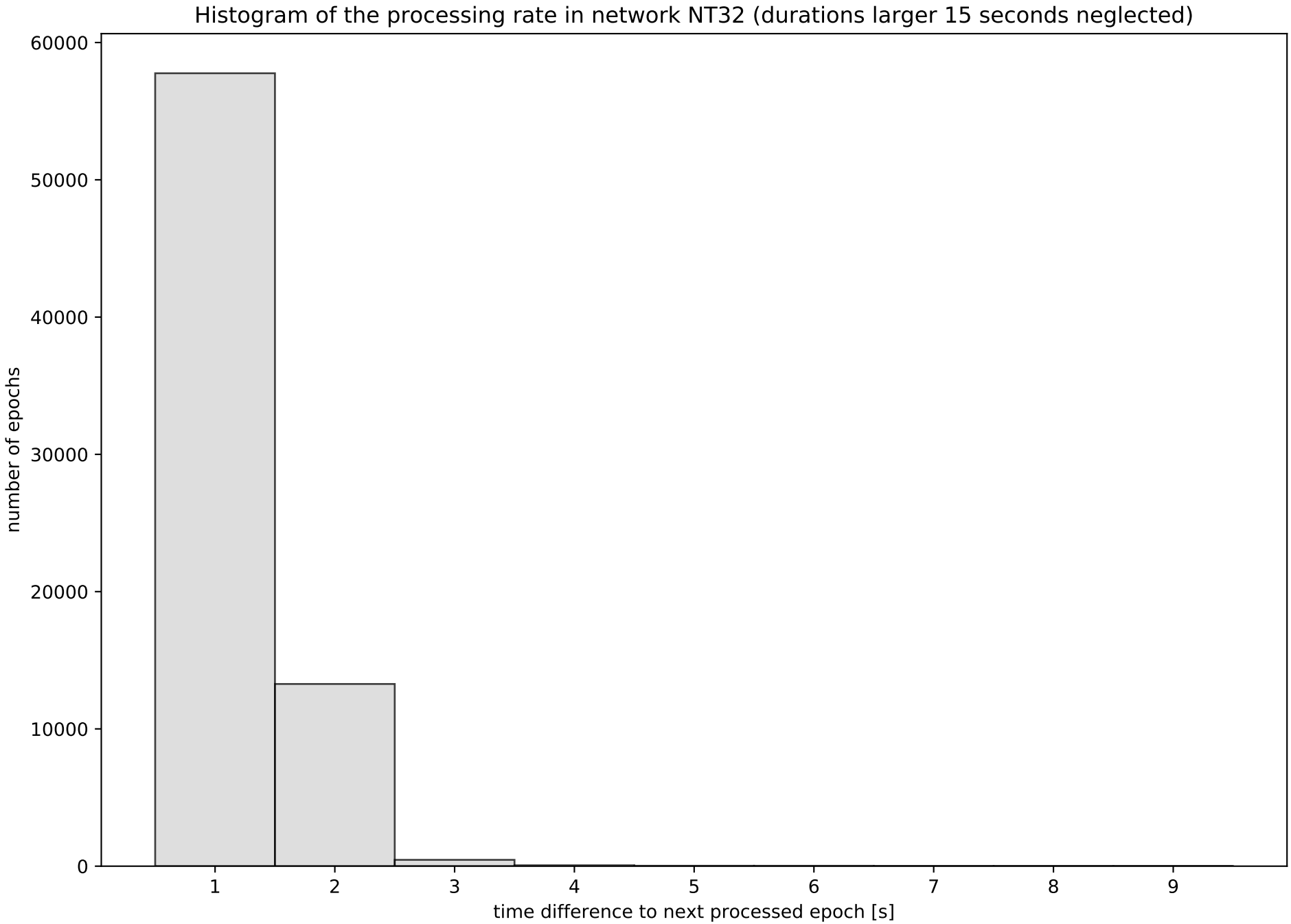
average fixing percentage with threshold set to 0.3: 93.4 percent

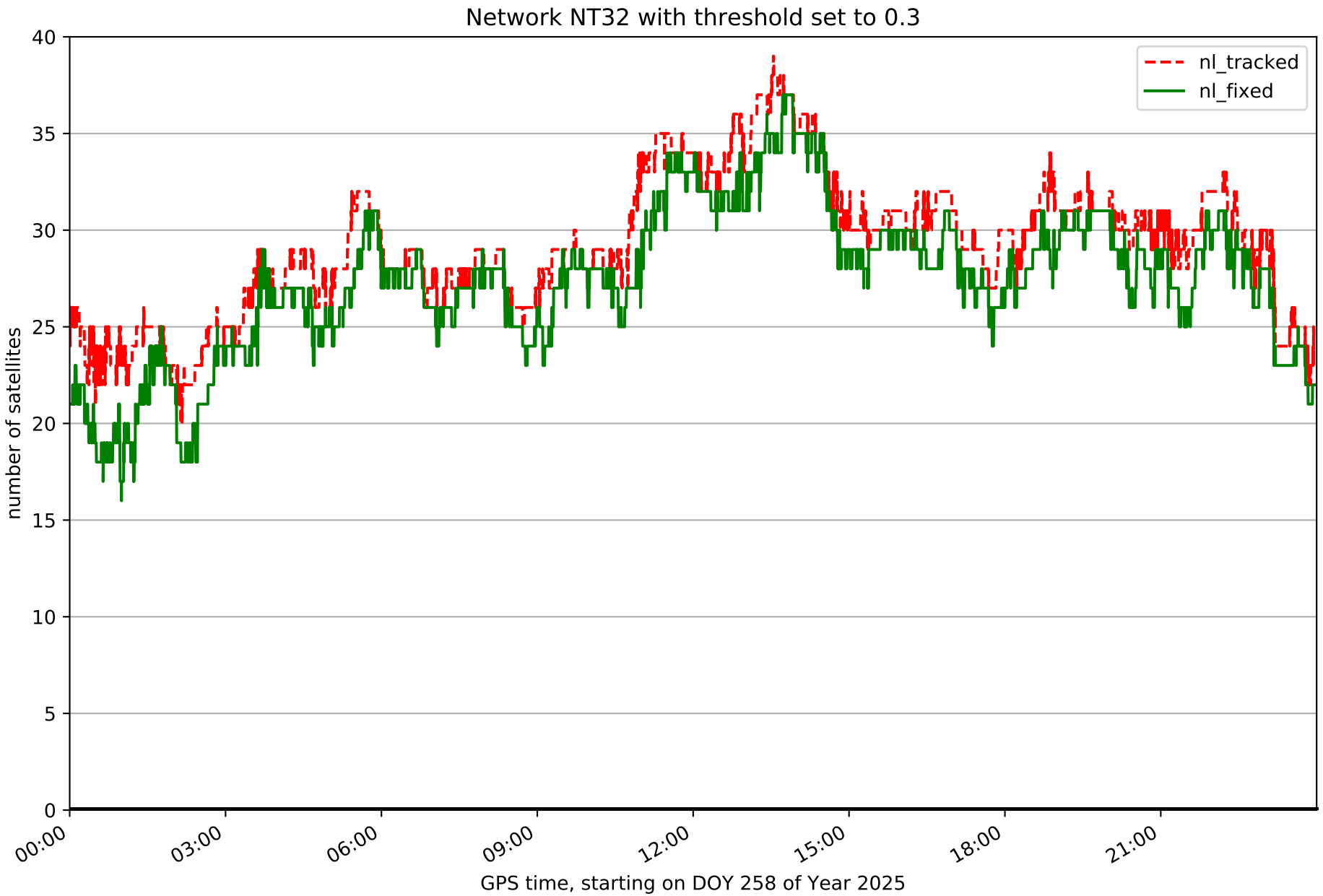
stations available: 15 of 16

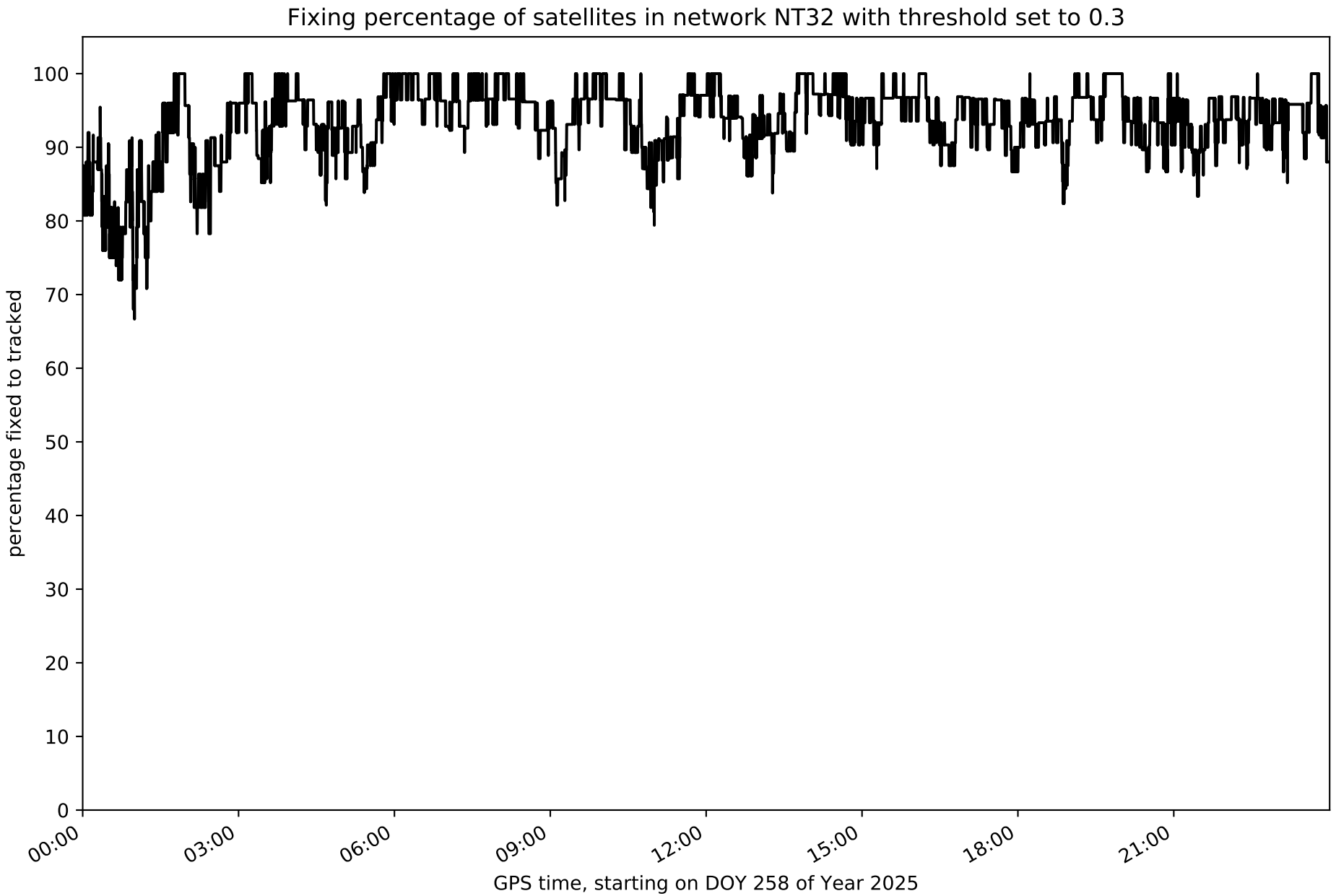
station information:

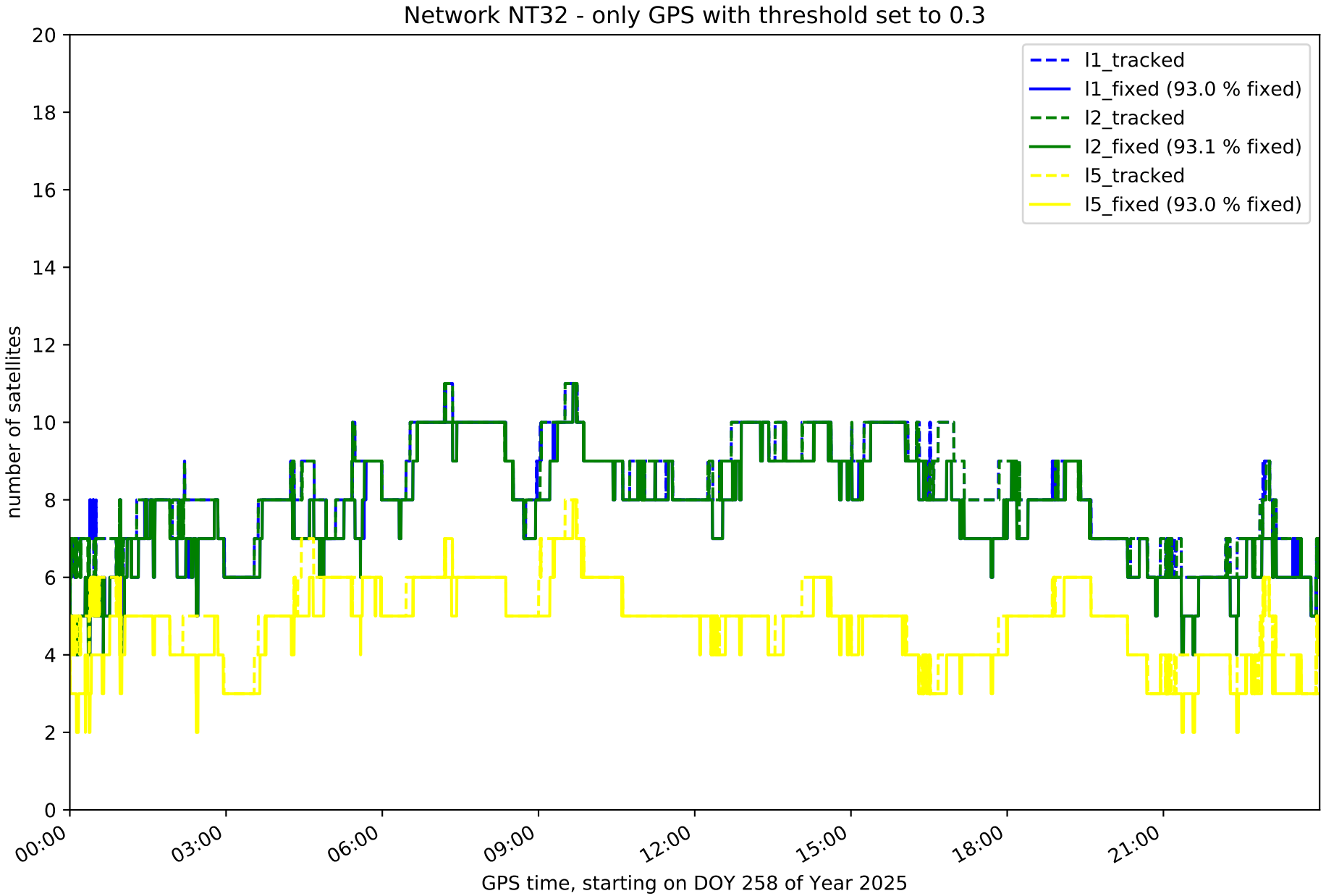
station EH01:	antenna: LEIAR20	LEIM	receiver: LEICA GR25	height: 801.016
station EH02:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 85.364
station GOM1:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 48.789
station IZAN:	antenna: LEIAT504GG	LEIS	receiver: LEICA GR50	height: 2417.44
station LP01:	antenna: TRM57971.00	NONE	receiver: TRIMBLE ALLOY	height: 675.249
station LP03:	antenna: TRM59900.00	NONE	receiver: TRIMBLE NETR9	height: 919.563
station LPAL:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 2199.31
station LRES:	antenna: LEIAR20	NONE	receiver: LEICA GR50	height: 51.241
station TN01:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 51.859
station TN02:	antenna: TRM159900.00	SCIS	receiver: TRIMBLE ALLOY	height: 54.509
station TN03:	antenna: TRM159900.00	SCIS	receiver: TRIMBLE ALLOY	height: 58.588
station TN04:	antenna: LEIAT504_____	LEIS	receiver: LEICA GR50	height: 1468.105
station TN06:	antenna: LEIAR20	NONE	receiver: LEICA GR50	height: 1053.548
station TN09:	antenna: LEIAR20	NONE	receiver: LEICA GR50	height: 1582.15
station TE11:	antenna: LEIAR10	NONE	receiver: LEICA GR25	height: 2092.021

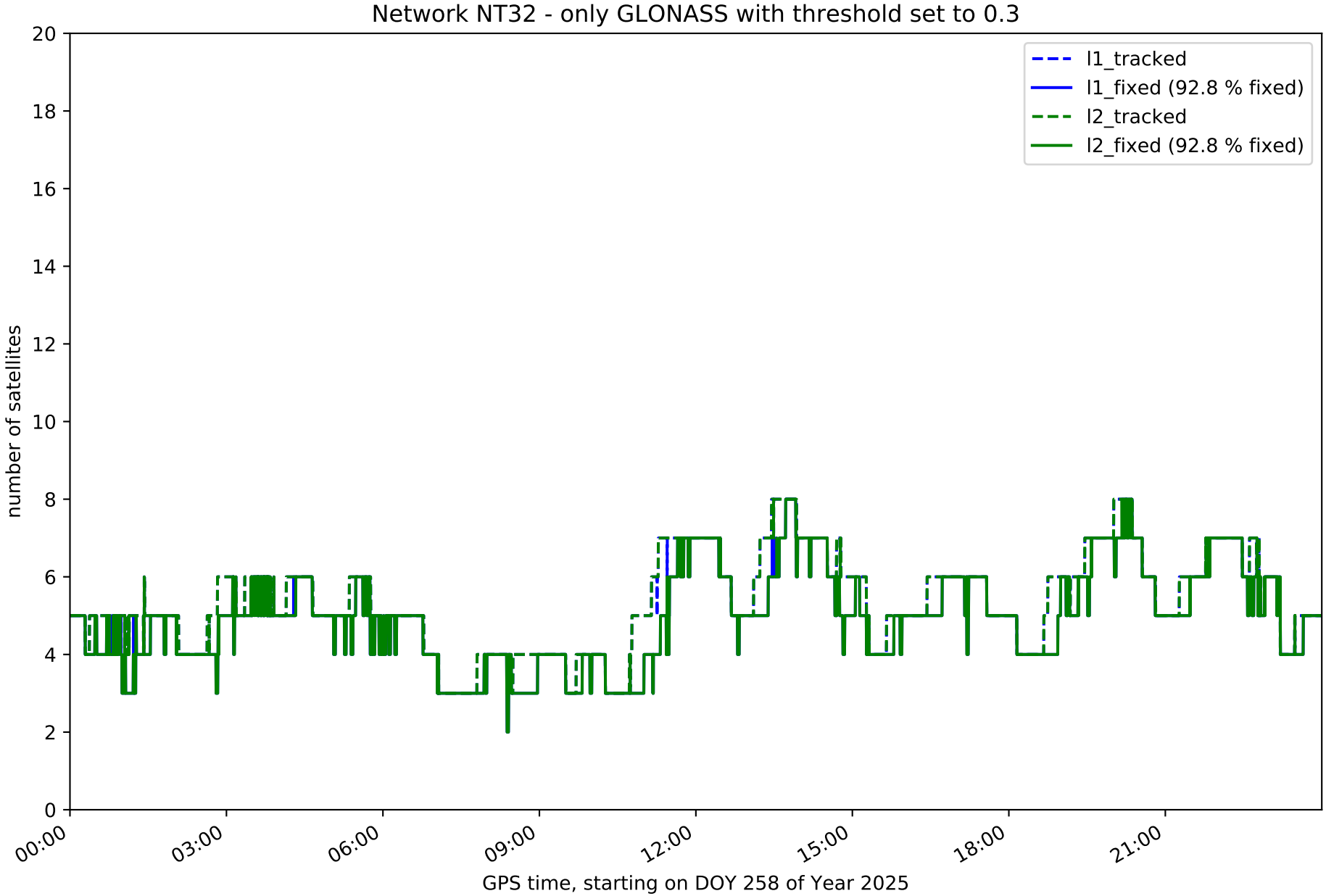

Processing rate in network NT32
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

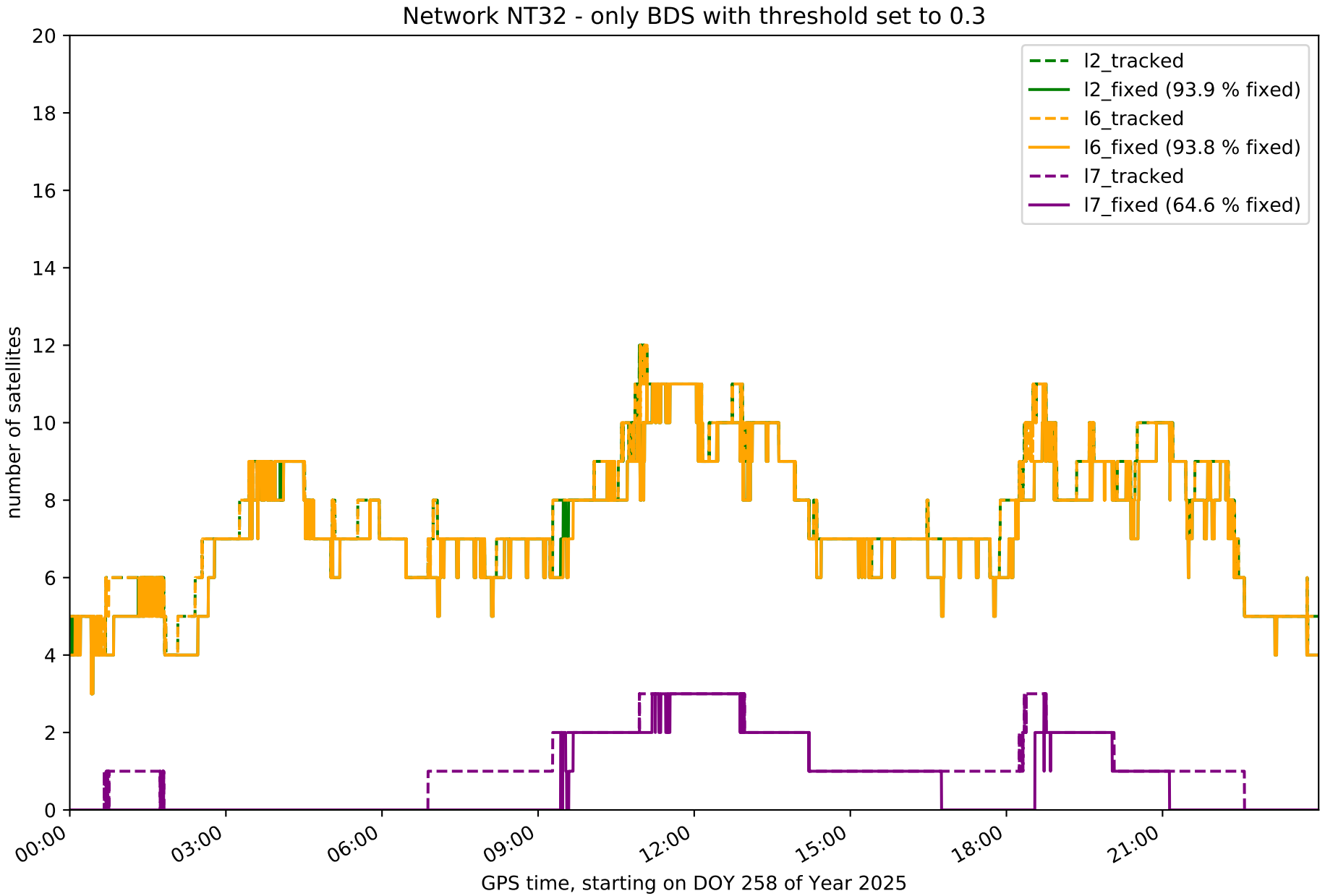

Histogram of the processing rate in network NT32 (durations larger 15 seconds neglected)
60000
50000
40000
30000
20000
10000
0
number of epochs
1
2
3
4
5
6
7
8
9
time difference to next processed epoch [s]

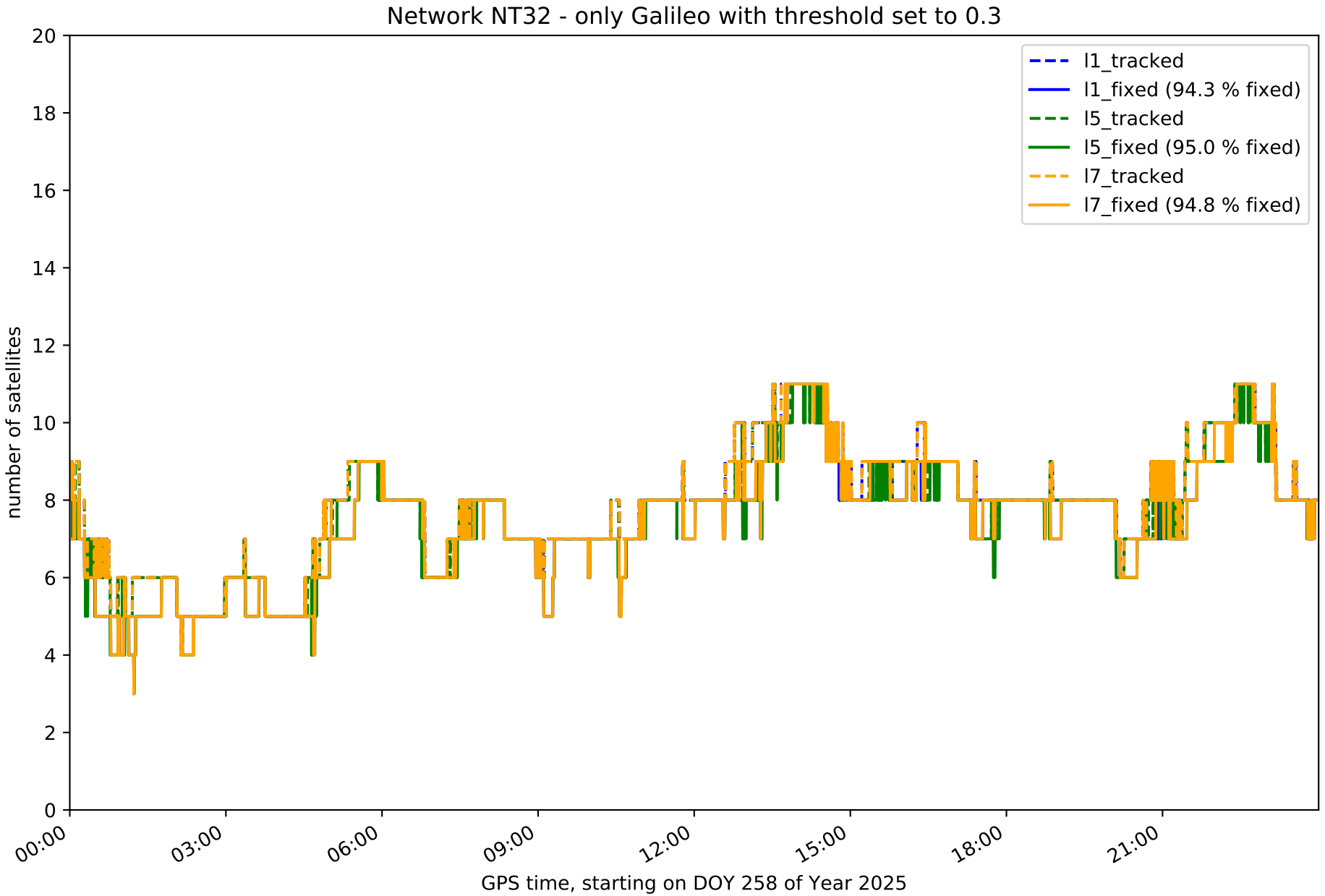

Network NT32 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

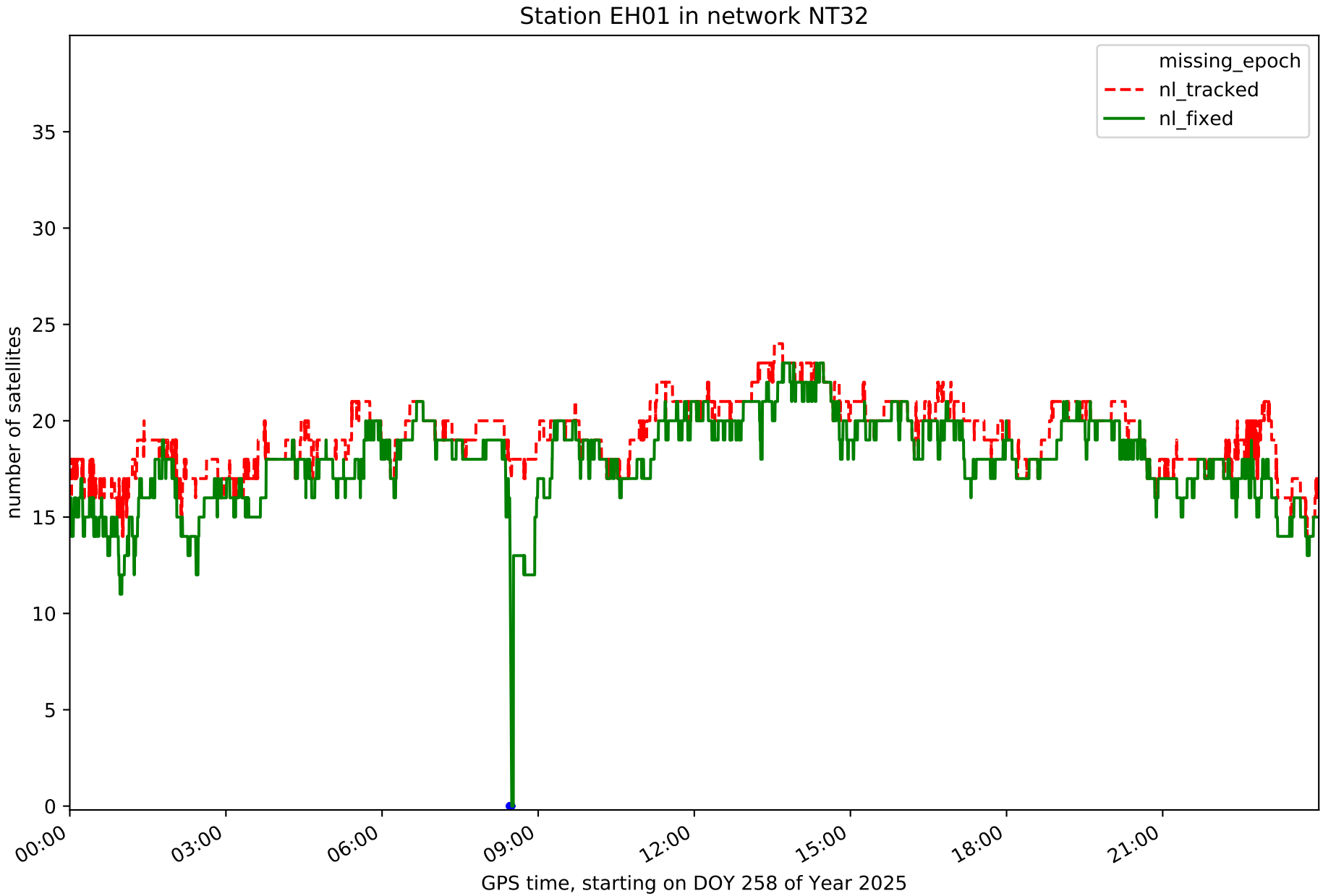

Fixing percentage of satellites in network NT32 with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

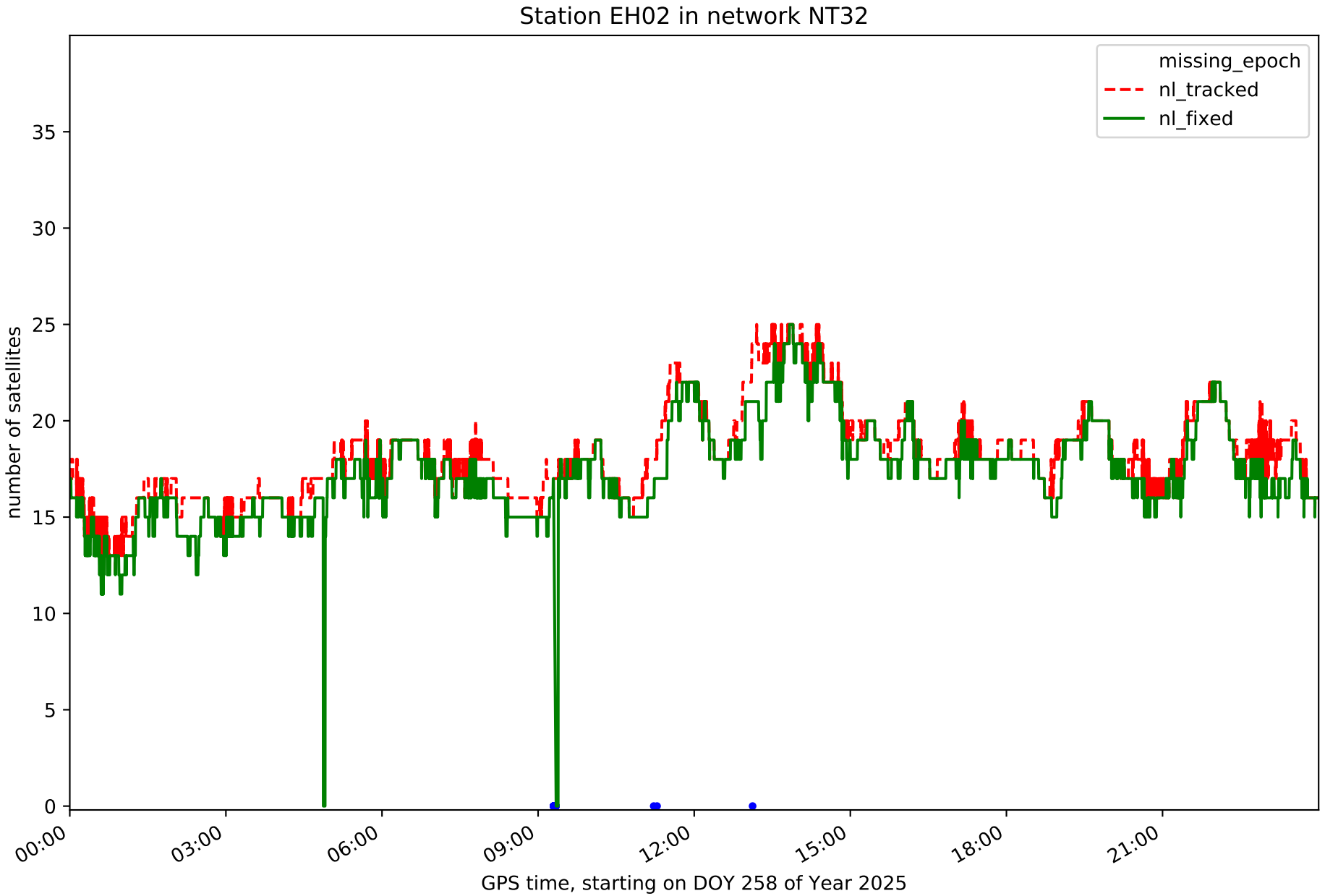

Network NT32 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 258 of Year 2025
l1_tracked
l1_fixed (93.0 % fixed)
l2_tracked
l2_fixed (93.1 % fixed)
l5_tracked
l5_fixed (93.0 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

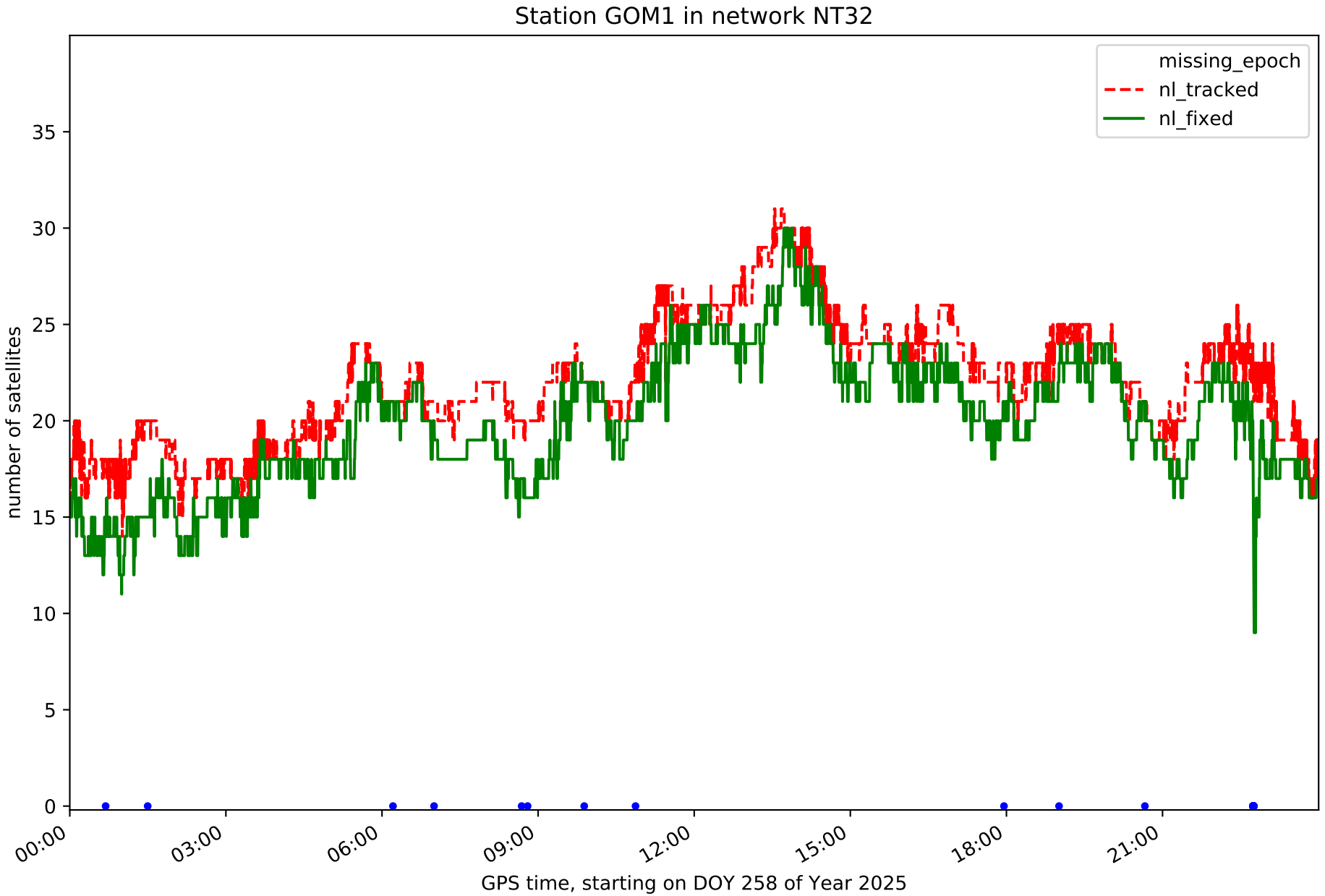

Network NT32 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (92.8 % fixed)
l2_tracked
l2_fixed (92.8 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

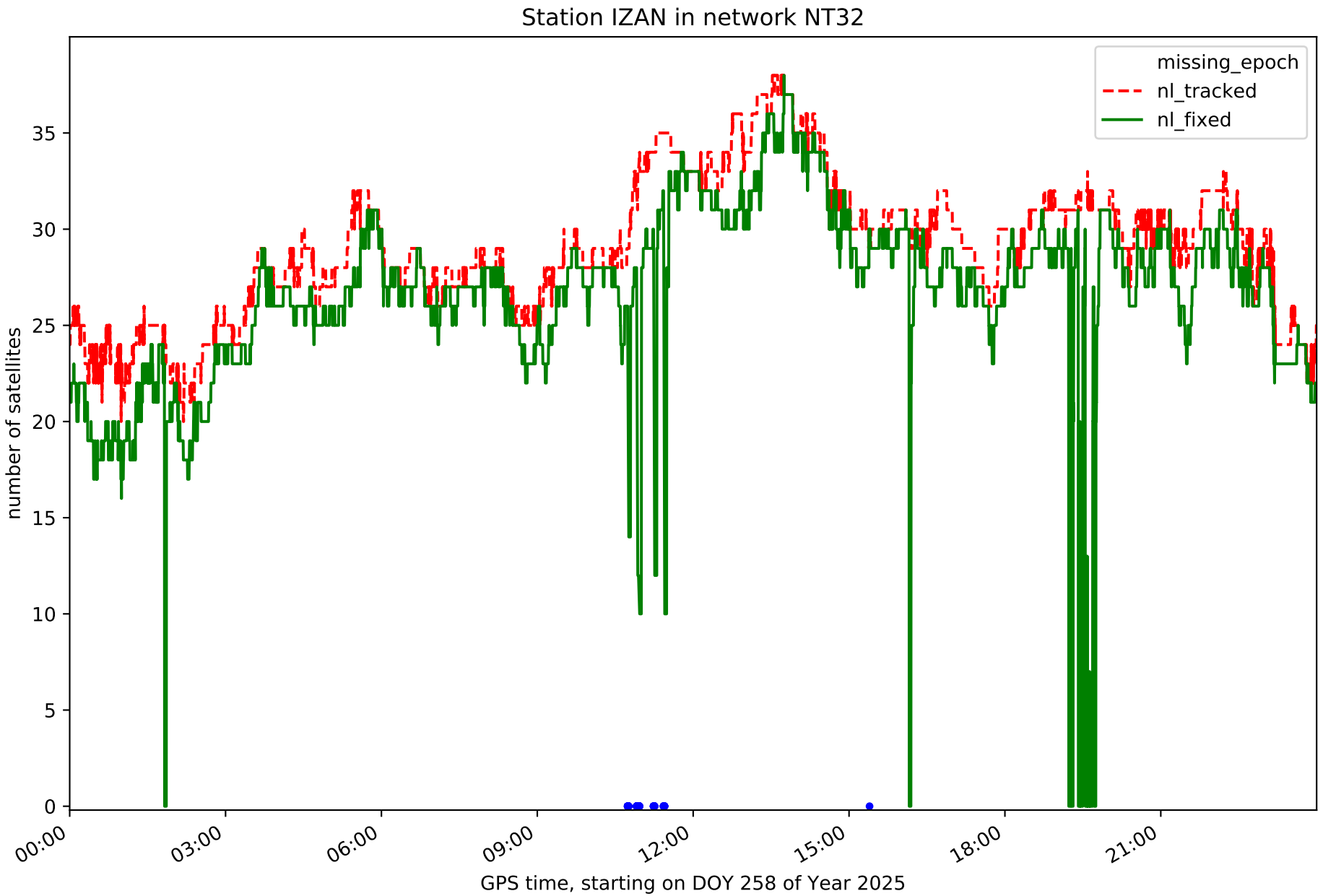

Network NT32 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 258 of Year 2025
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (93.9 % fixed)
I6_tracked
I6_fixed (93.8 % fixed)
I7_tracked
I7_fixed (64.6 % fixed)

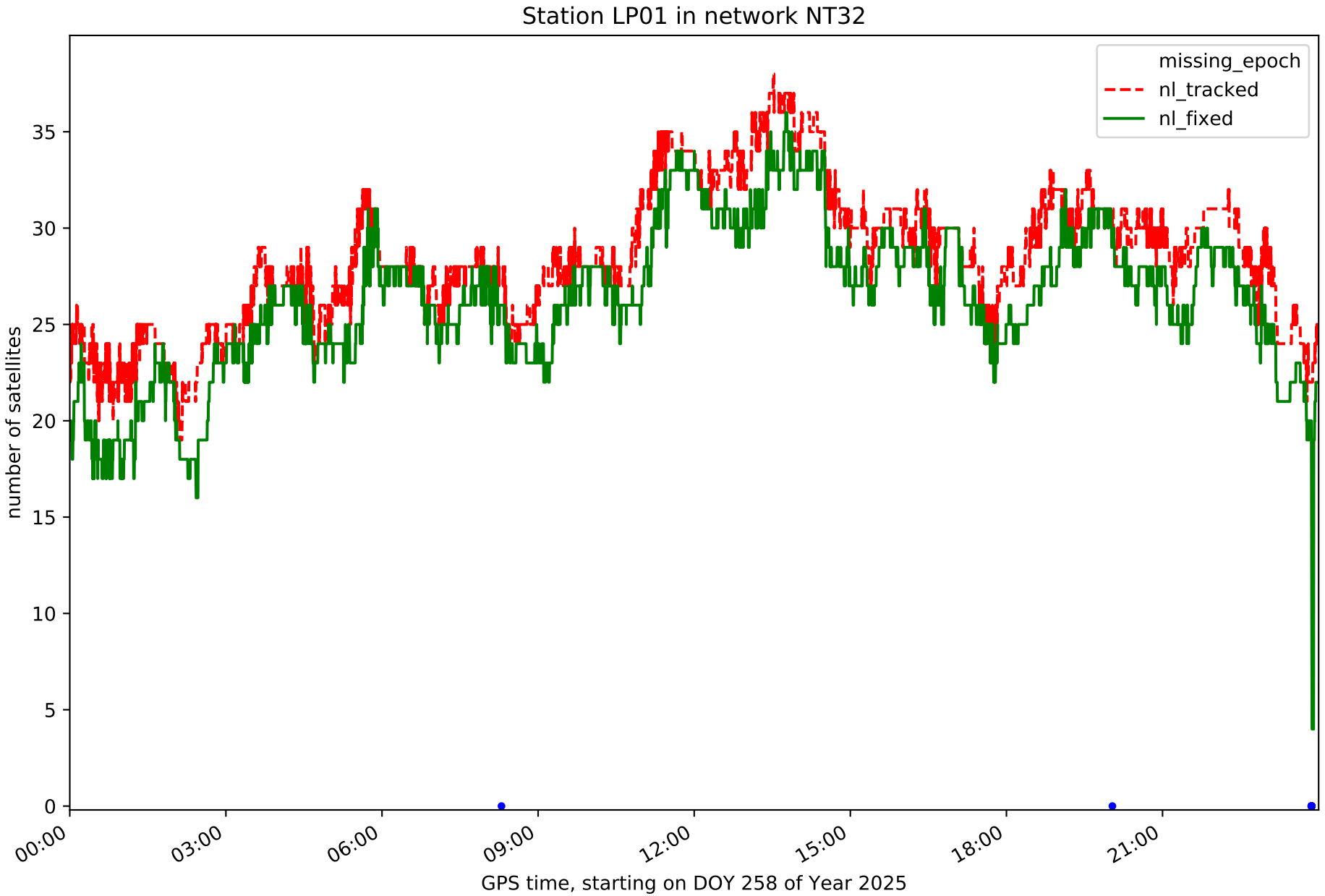

Network NT32 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 258 of Year 2025
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (94.3 % fixed)
l5_tracked
l5_fixed (95.0 % fixed)
l7_tracked
l7_fixed (94.8 % fixed)

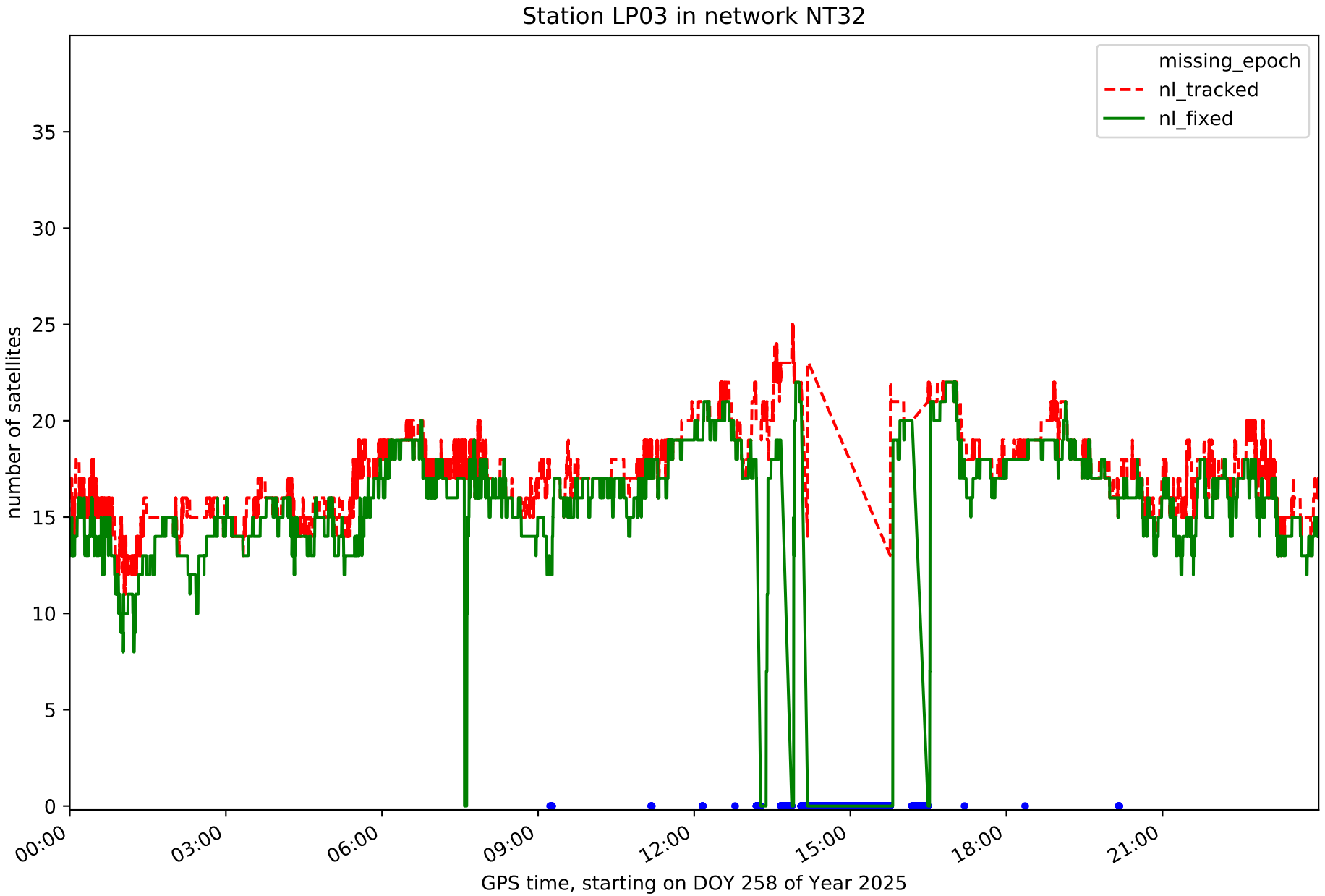

Station EH01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

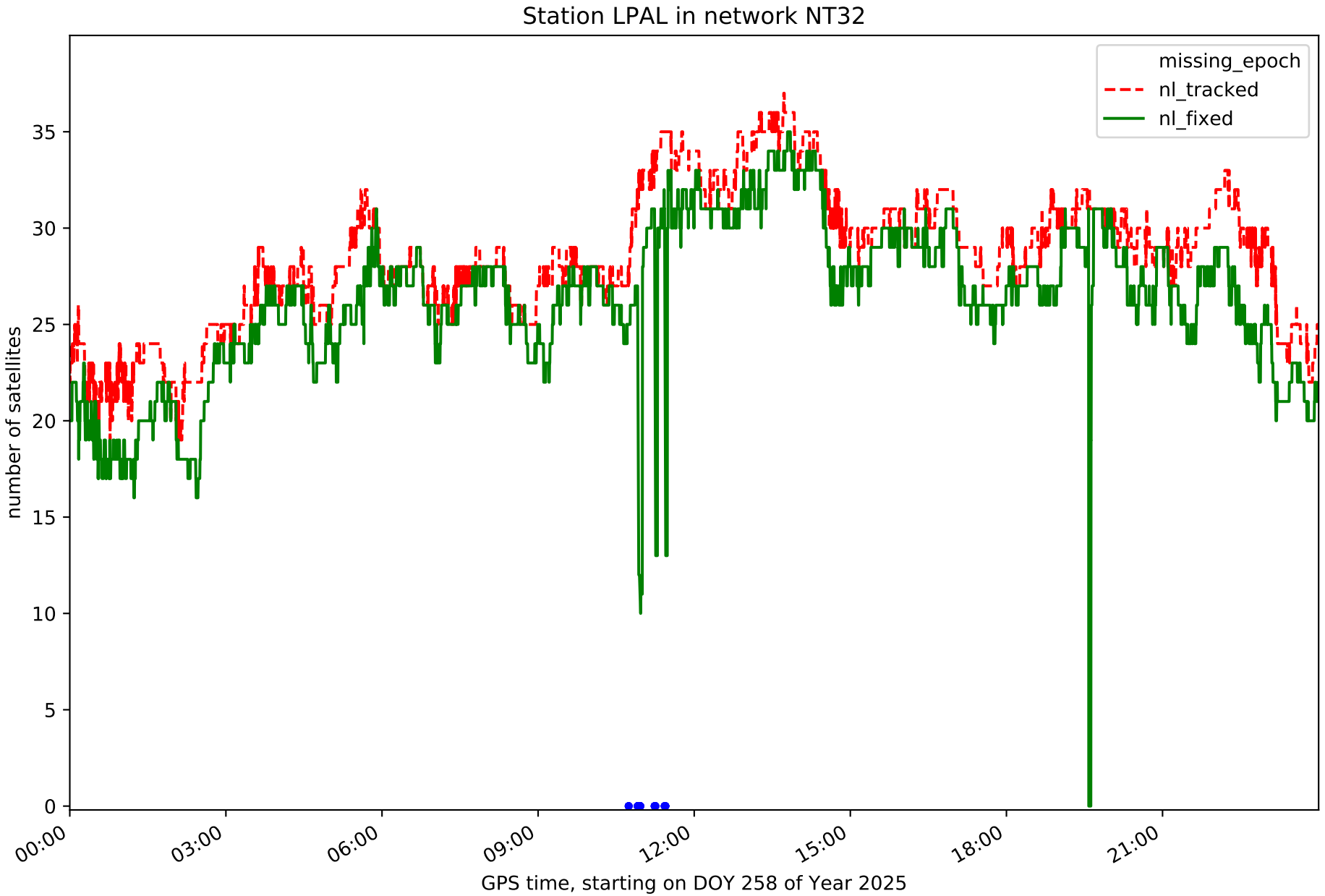

Station EH02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

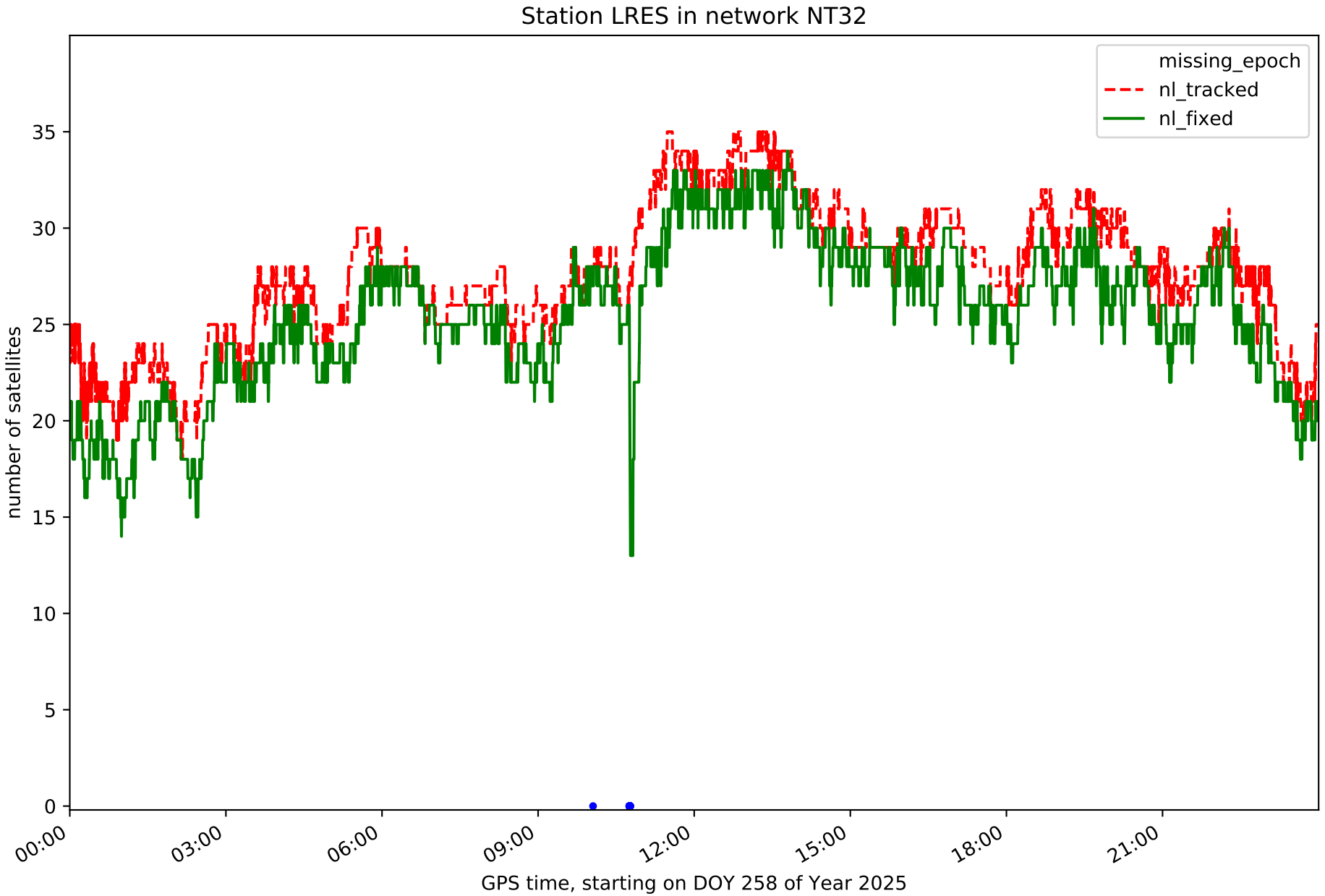

Station GOM1 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

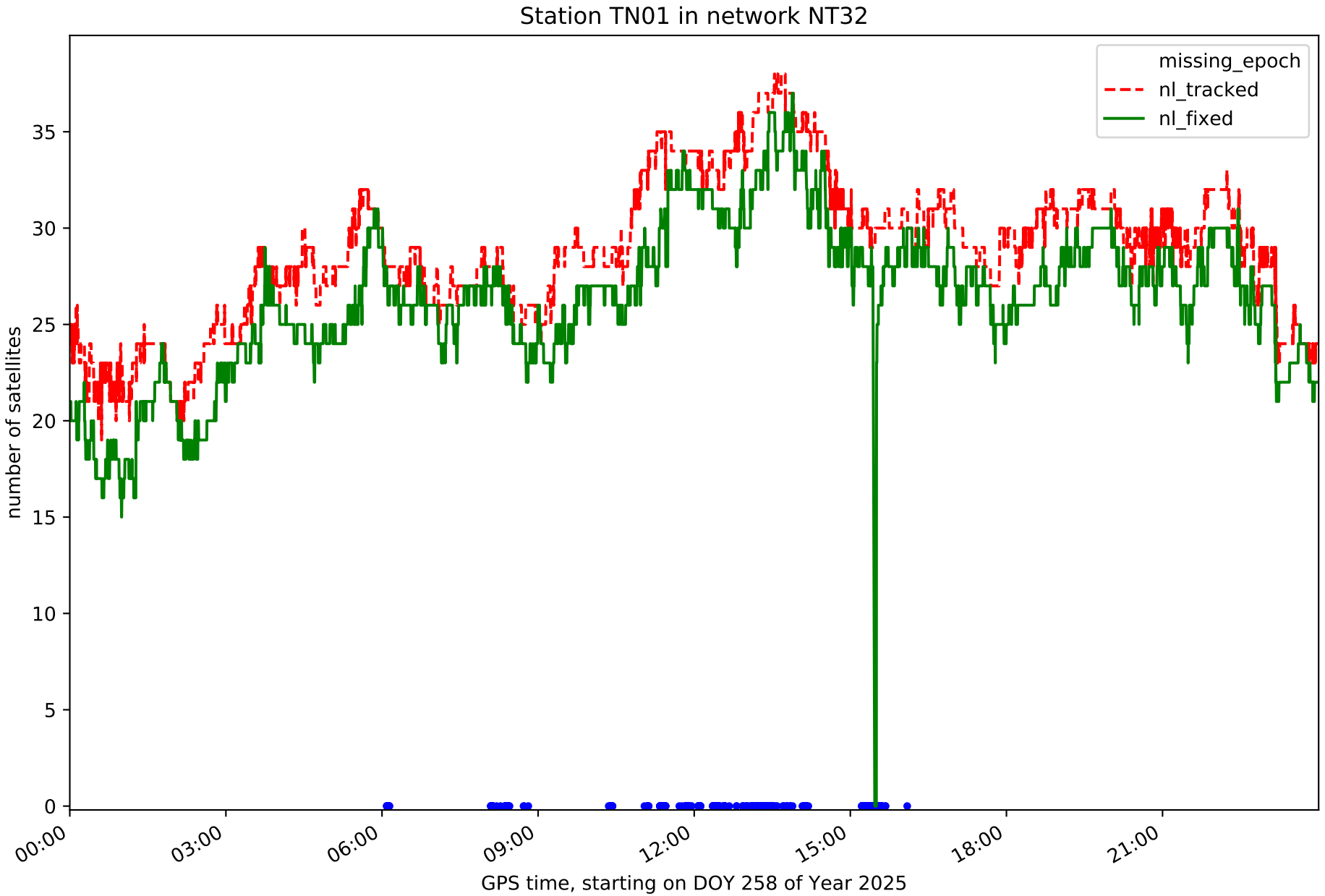

Station IZAN in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

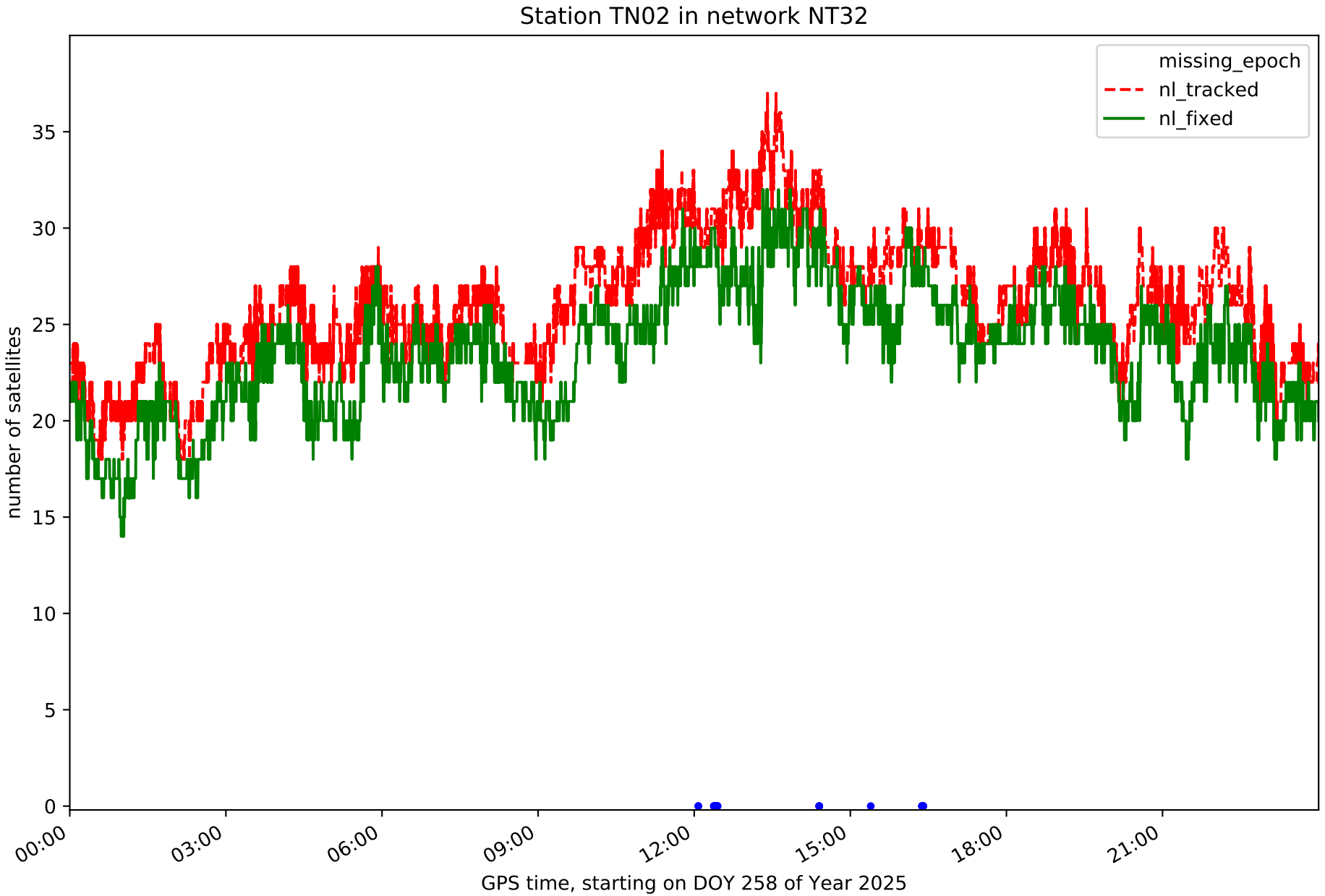

Station LP01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

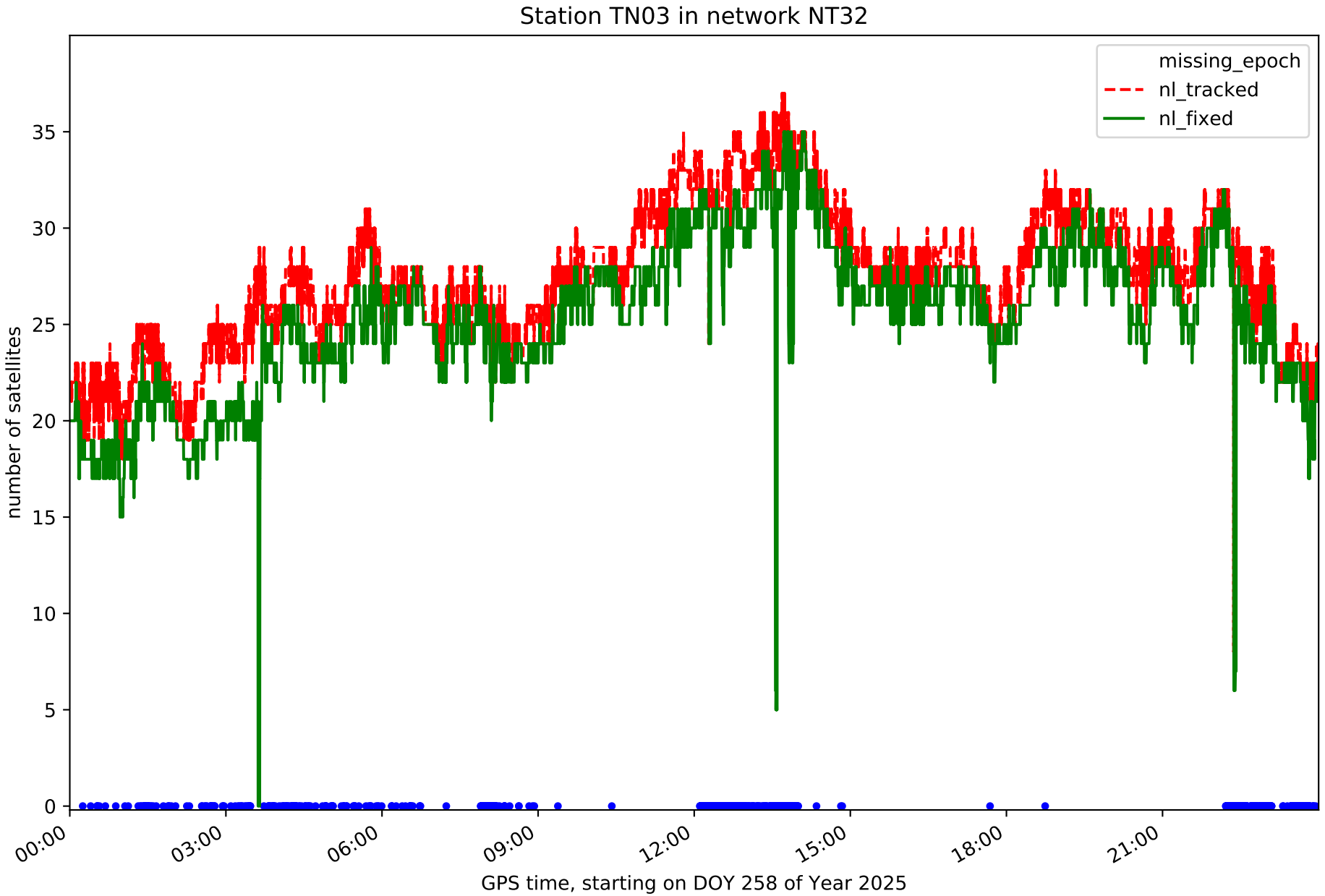

Station LP03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

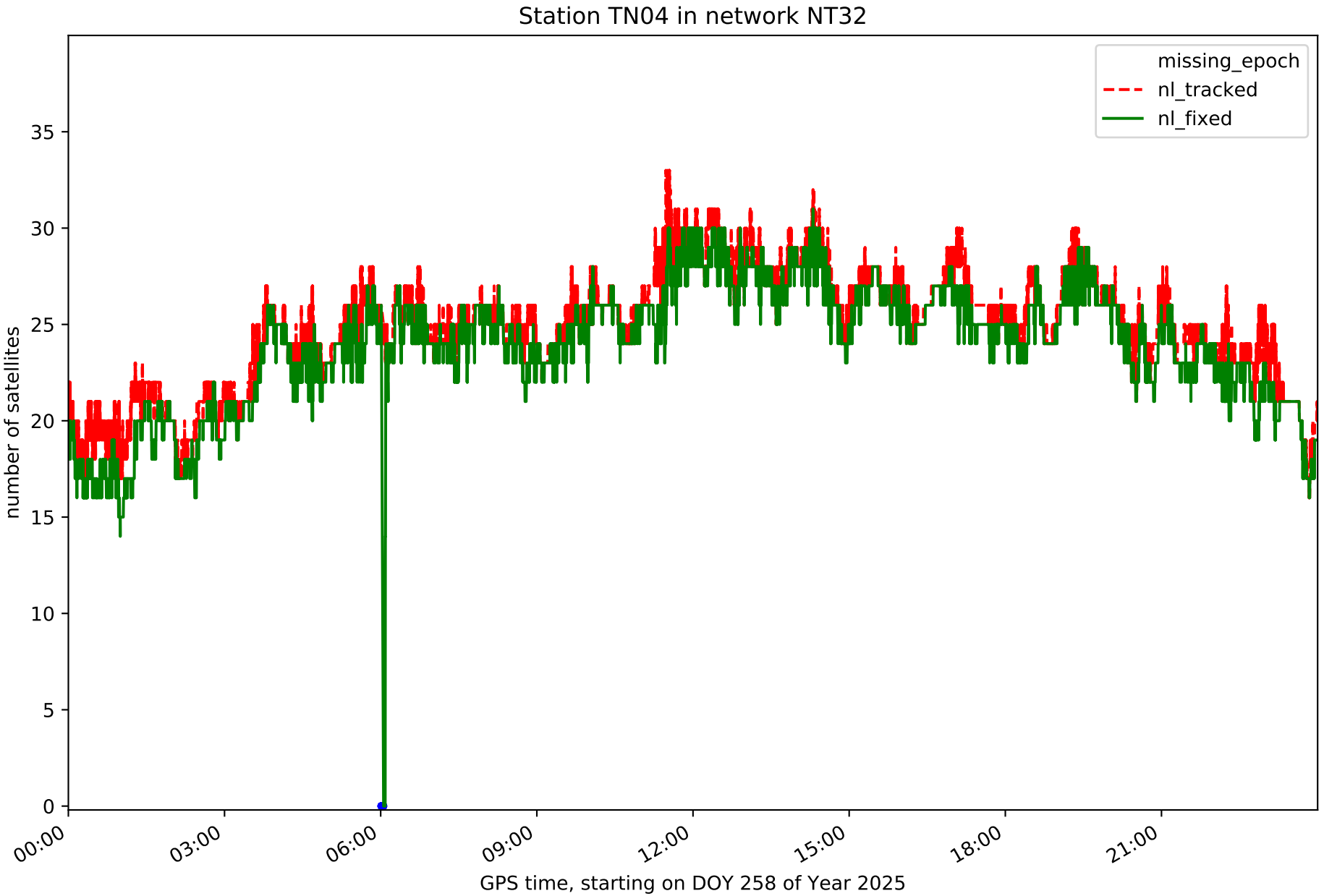

Station LPAL in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

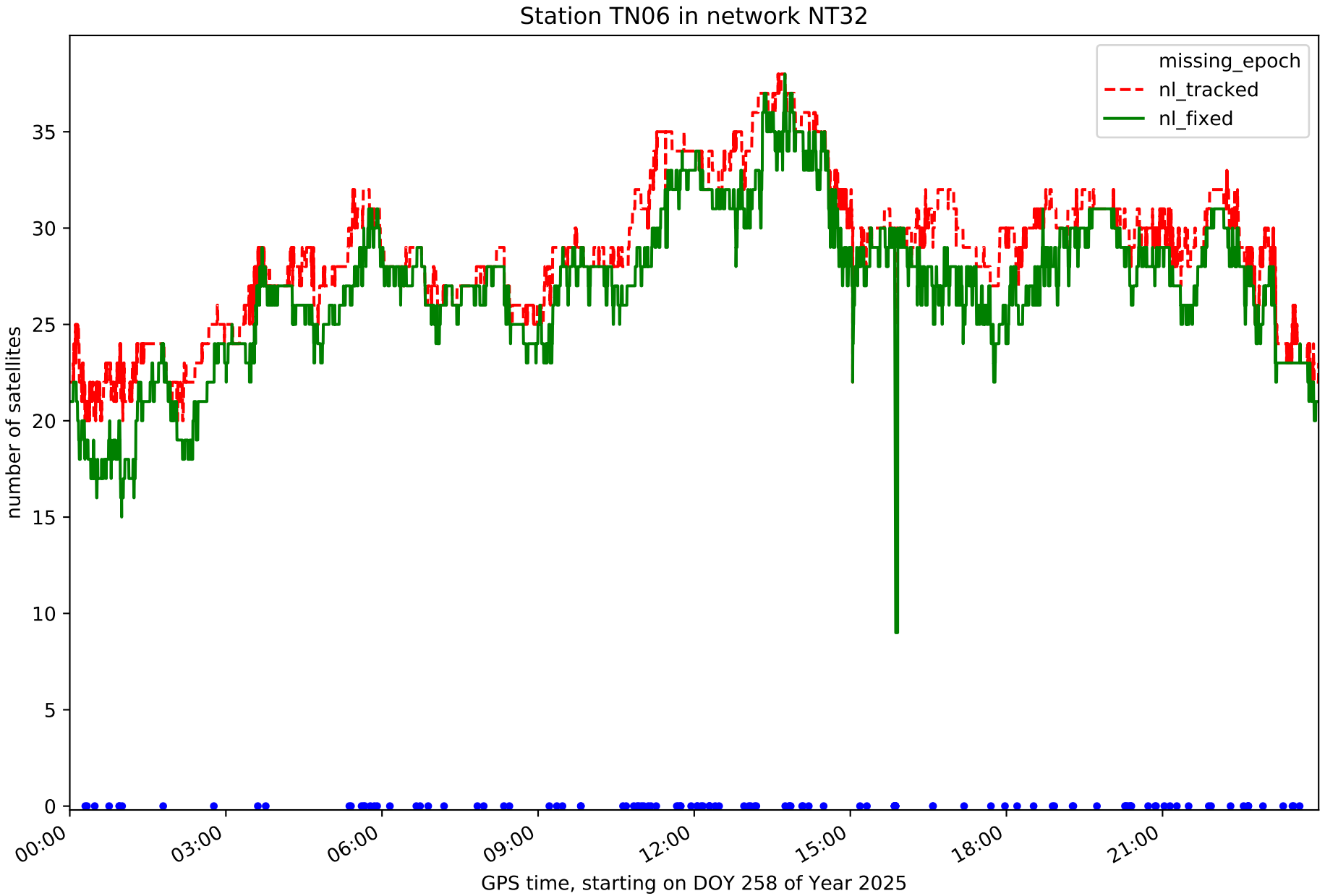

Station LRES in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

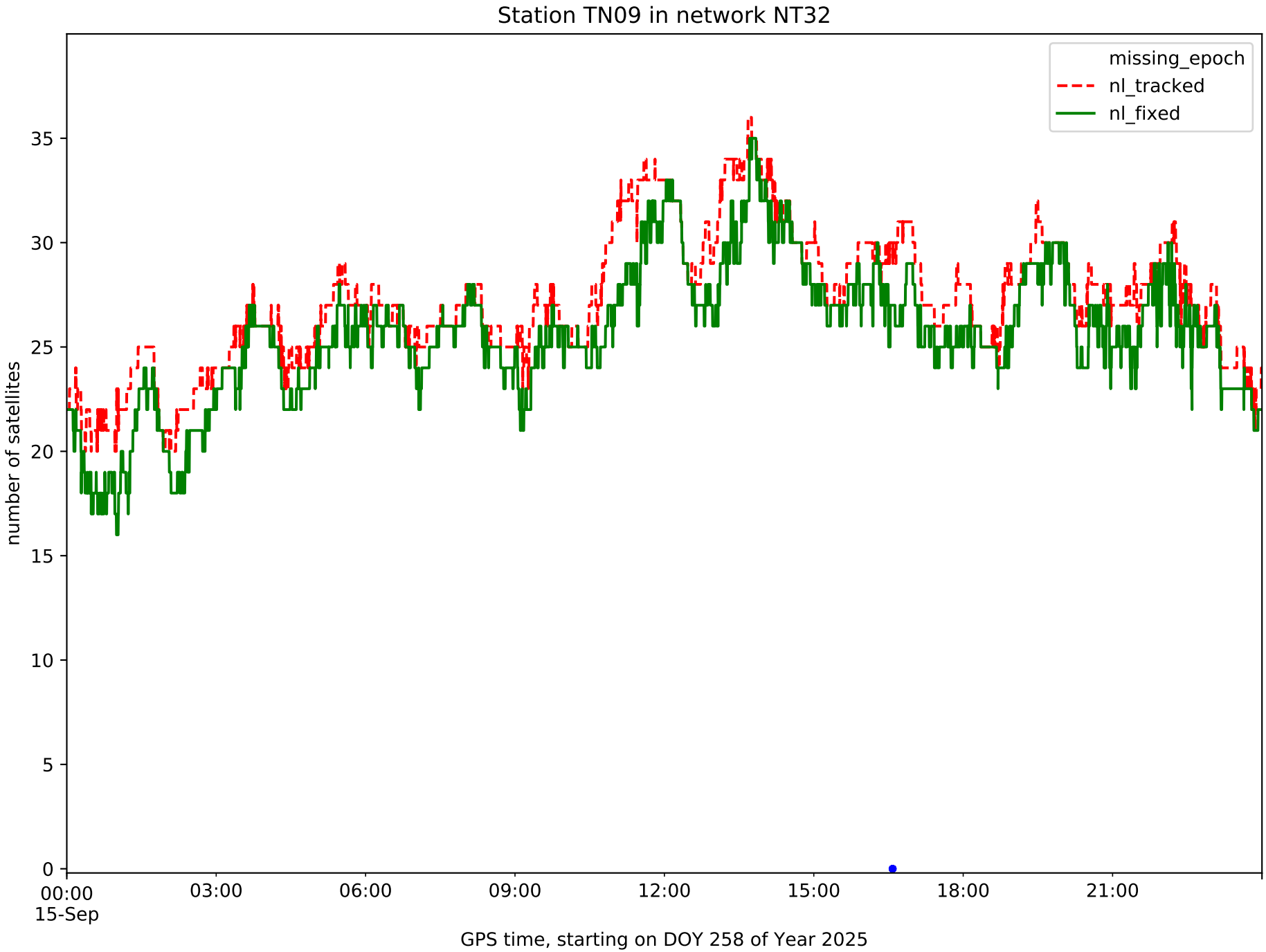

Station TN01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

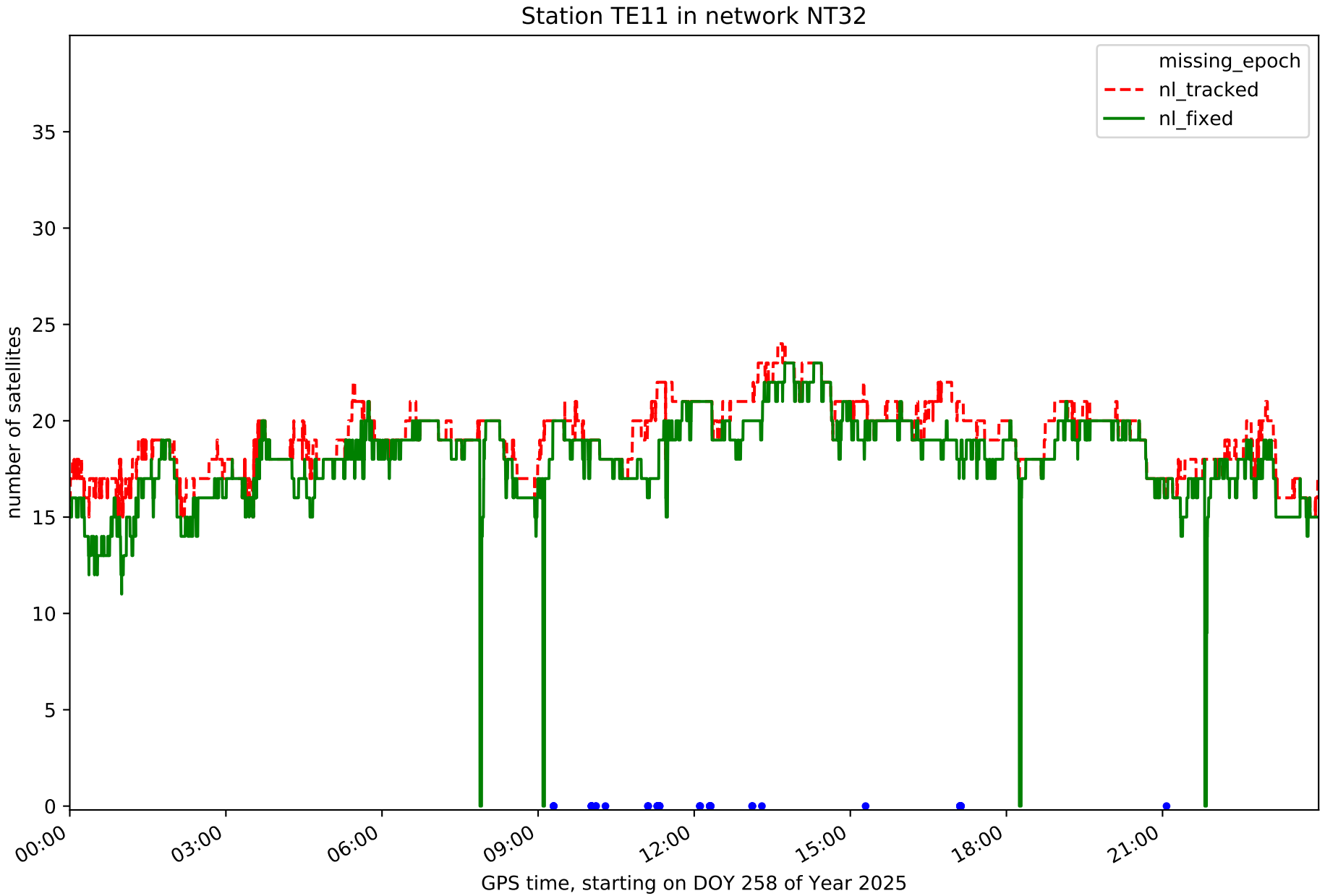

Station TN02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

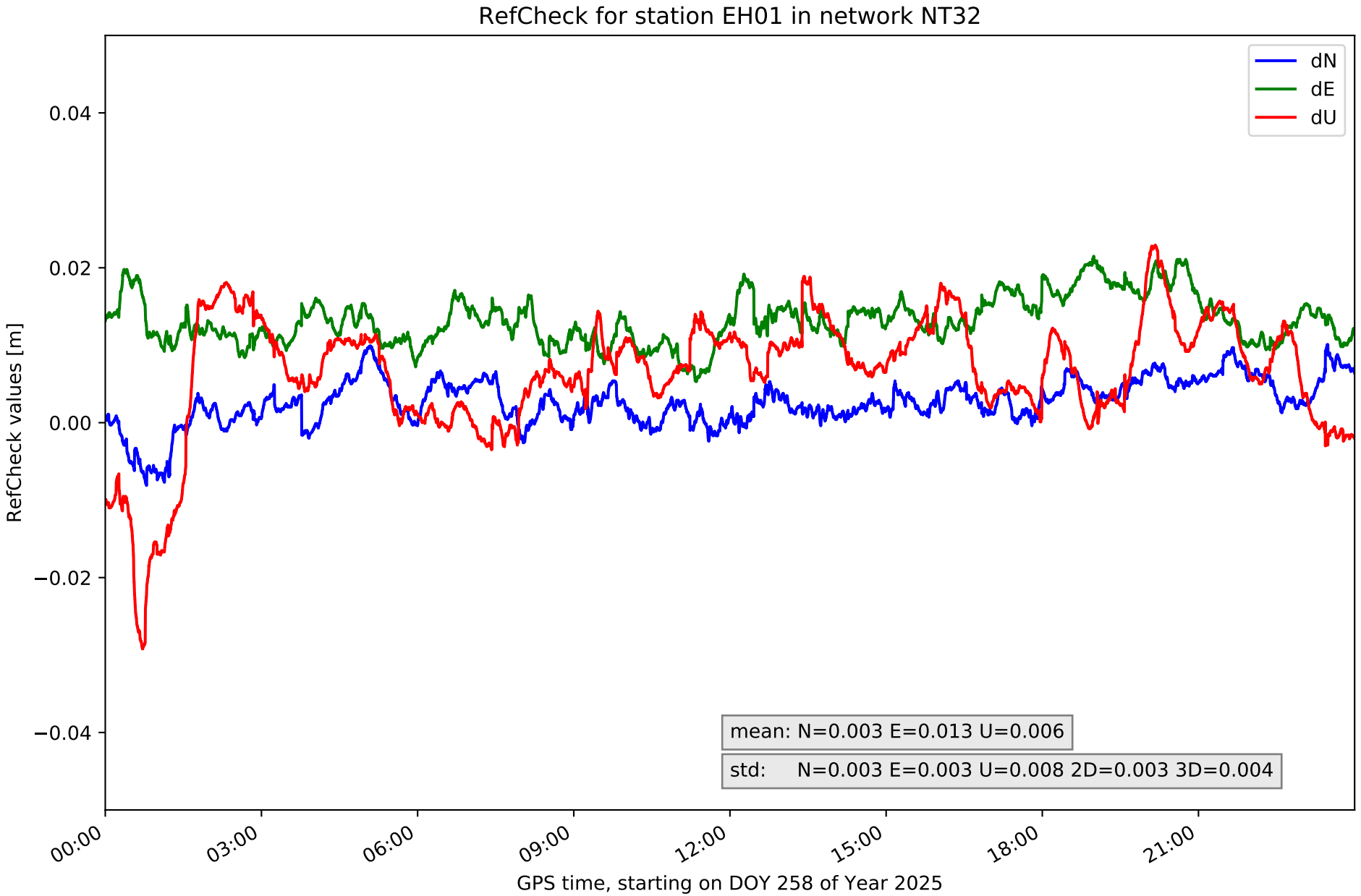

Station TN03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

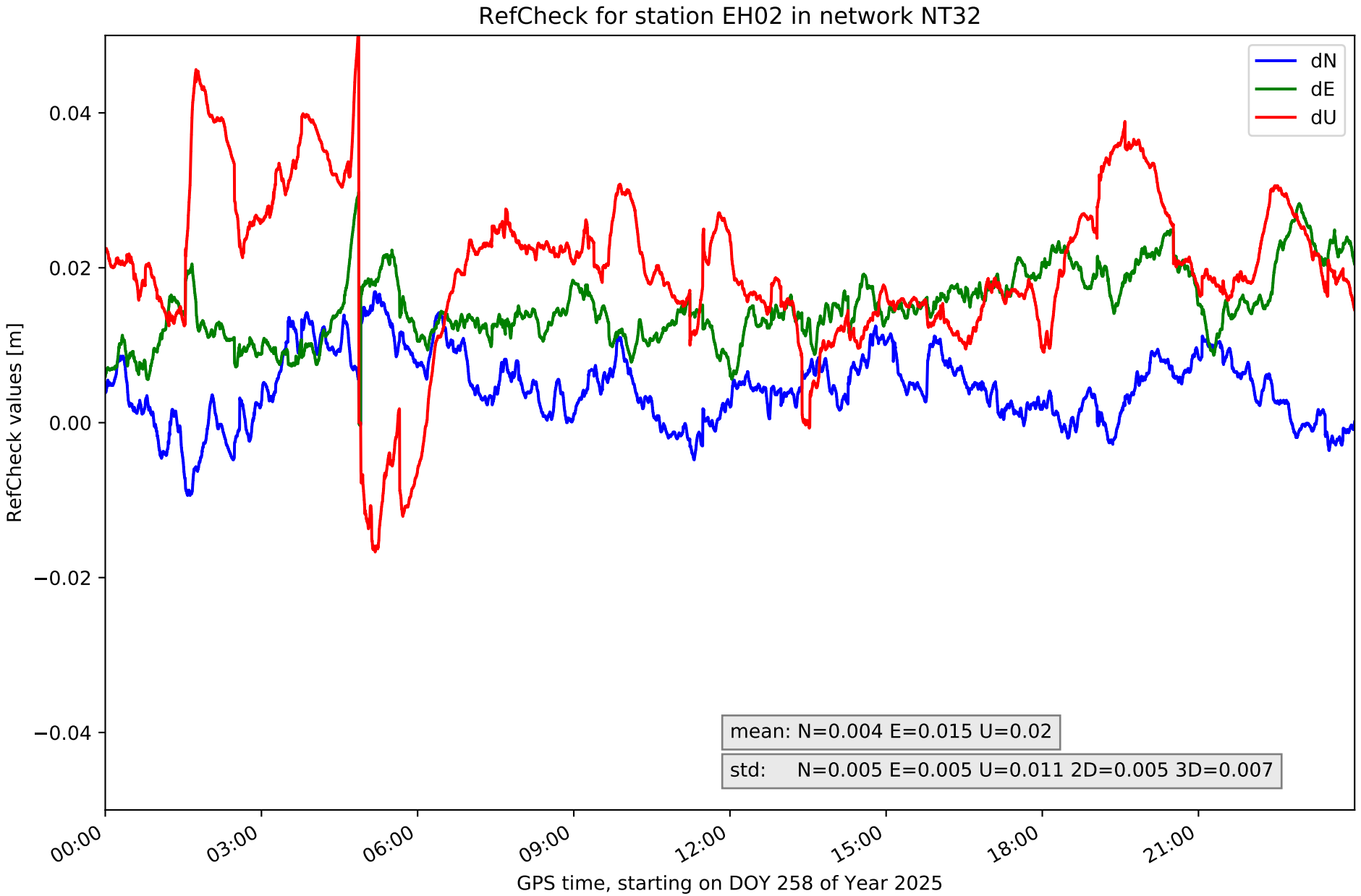

Station TN04 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

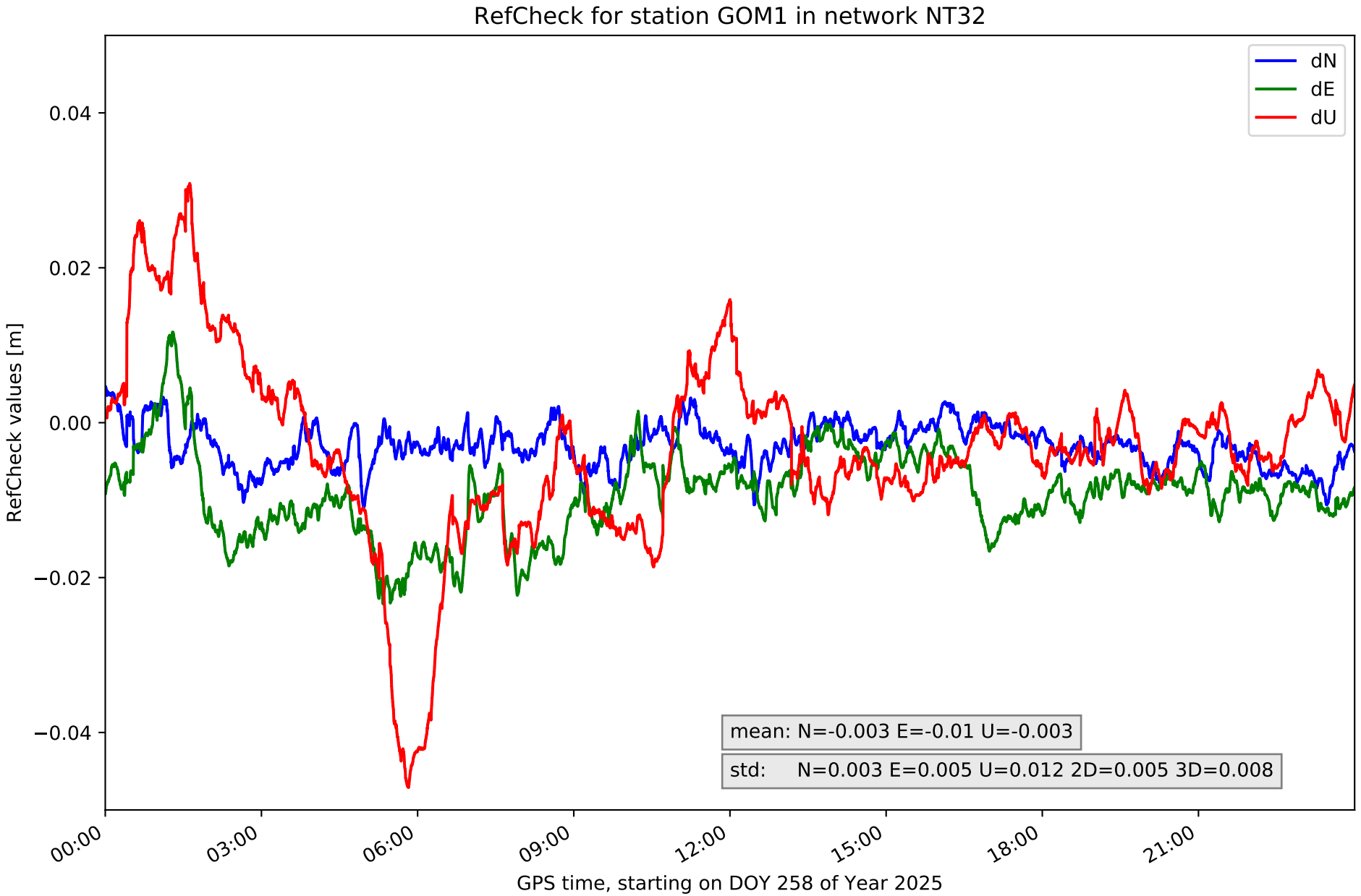

Station TN06 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

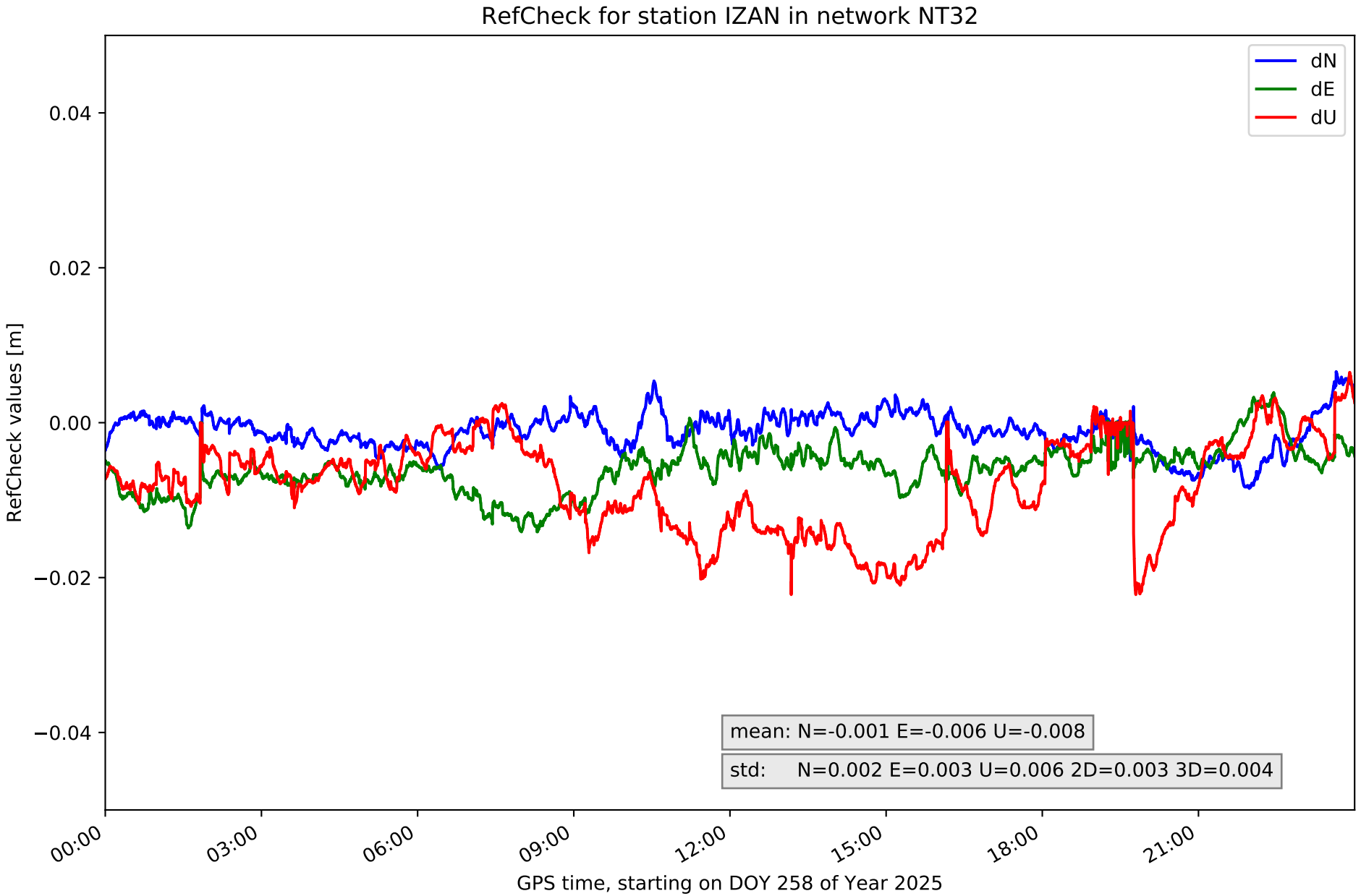

Station TN09 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
15-Sep
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

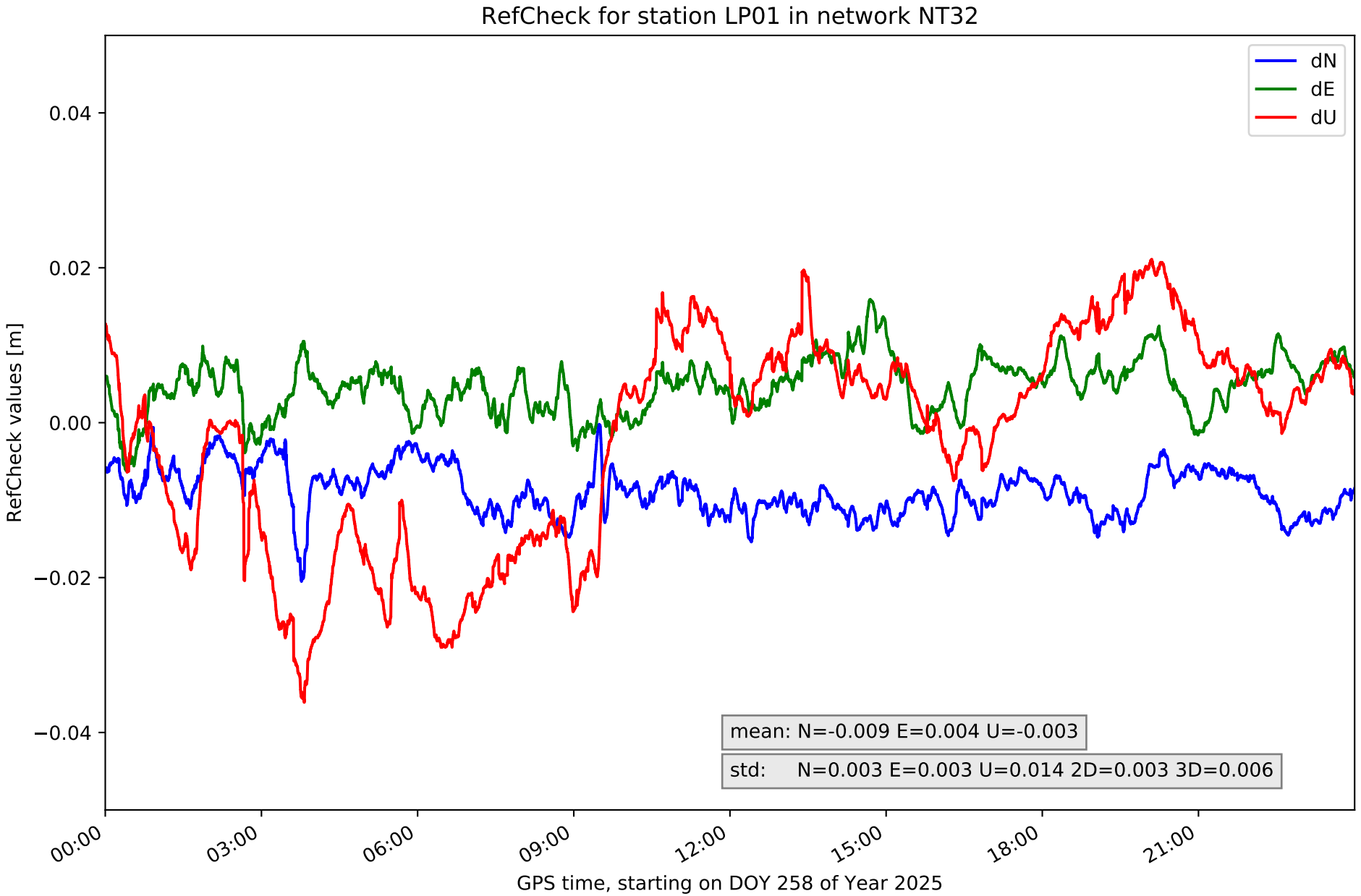

Station TE11 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

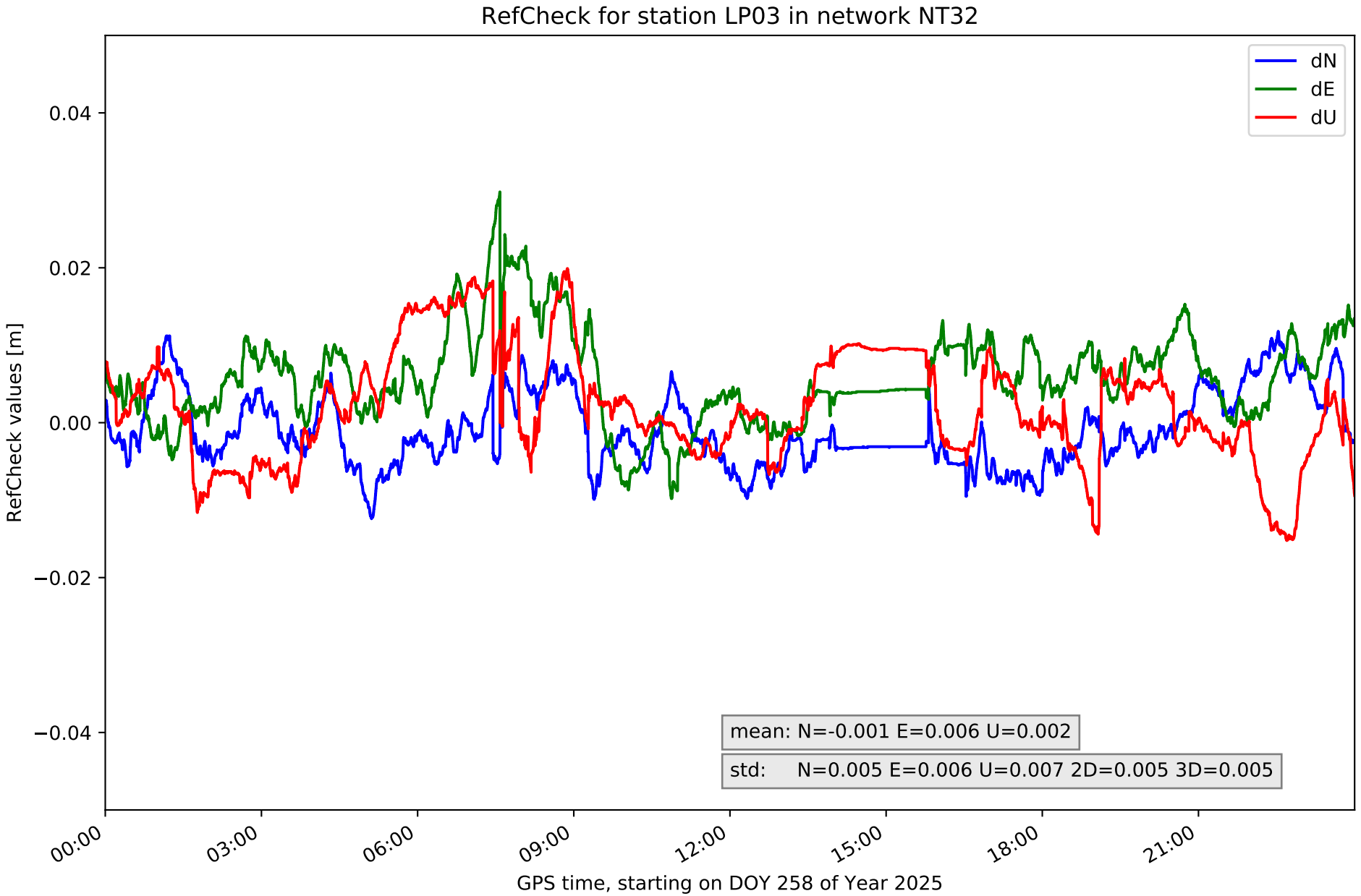

RefCheck for station EH01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.013 U=0.006
std: N=0.003 E=0.003 U=0.008 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

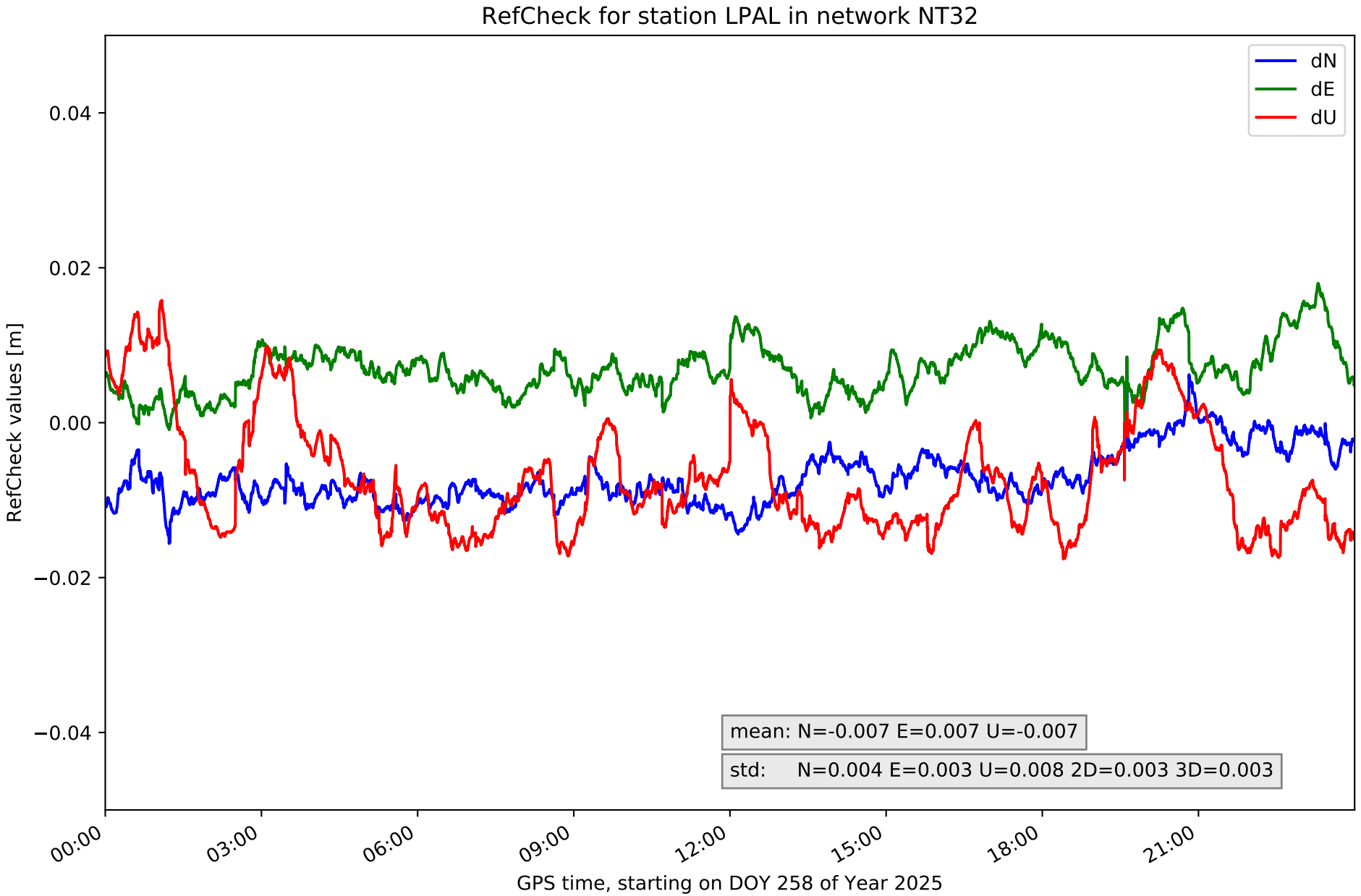

RefCheck for station EH02 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.015 U=0.02
std: N=0.005 E=0.005 U=0.011 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

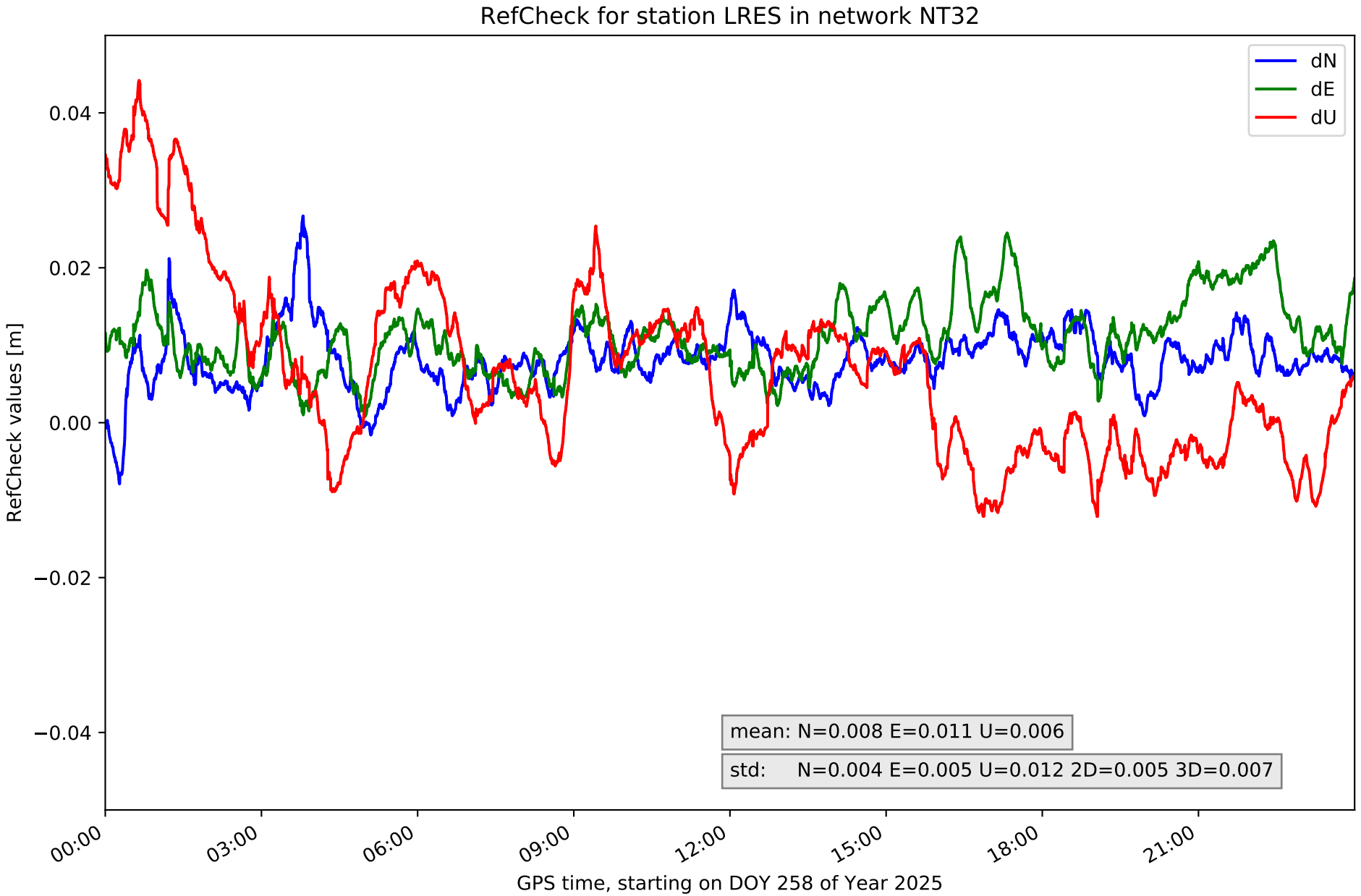

RefCheck for station GOM1 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.01 U=-0.003
std: N=0.003 E=0.005 U=0.012 2D=0.005 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

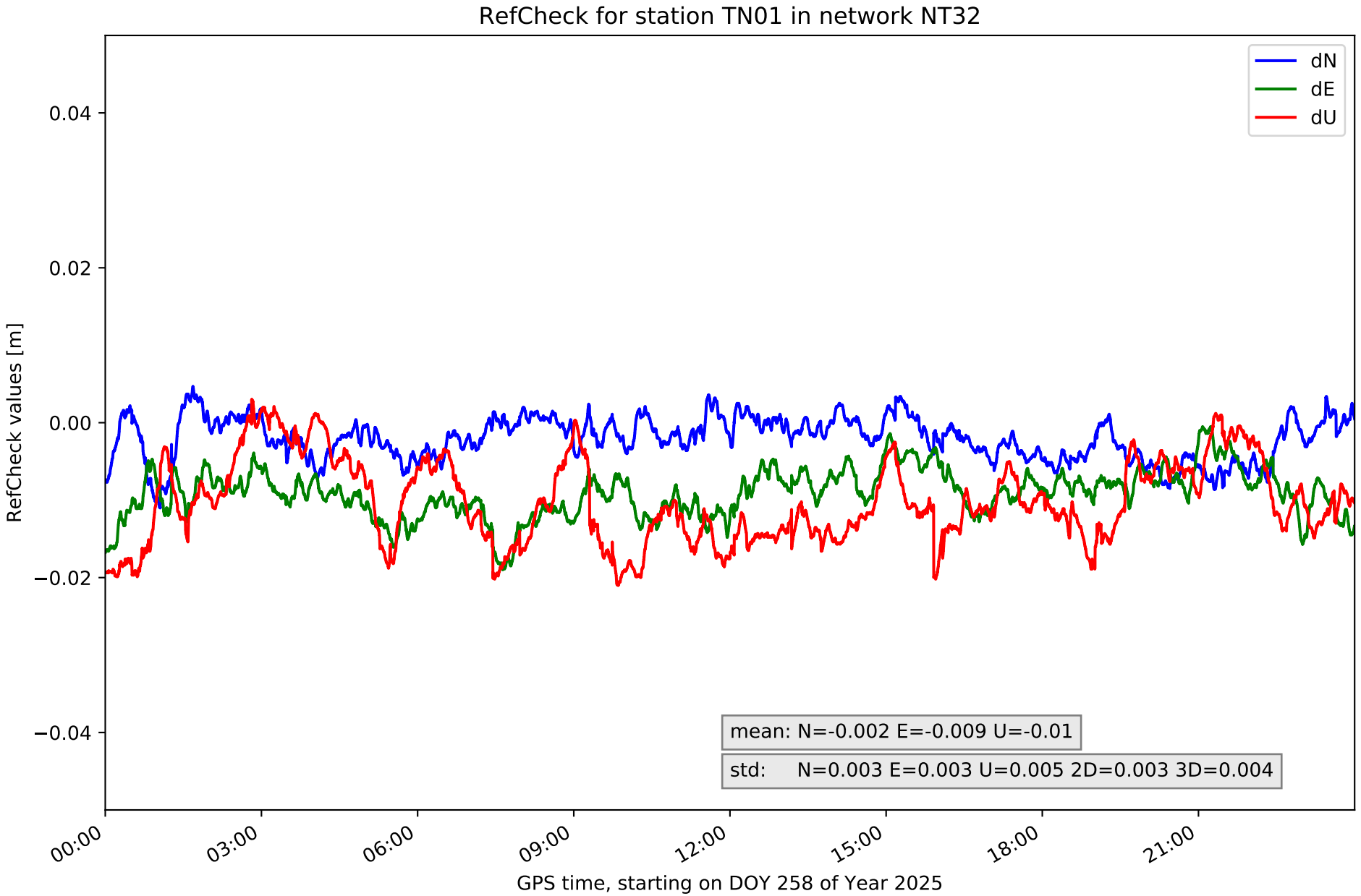

RefCheck for station IZAN in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.006 U=-0.008
std: N=0.002 E=0.003 U=0.006 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

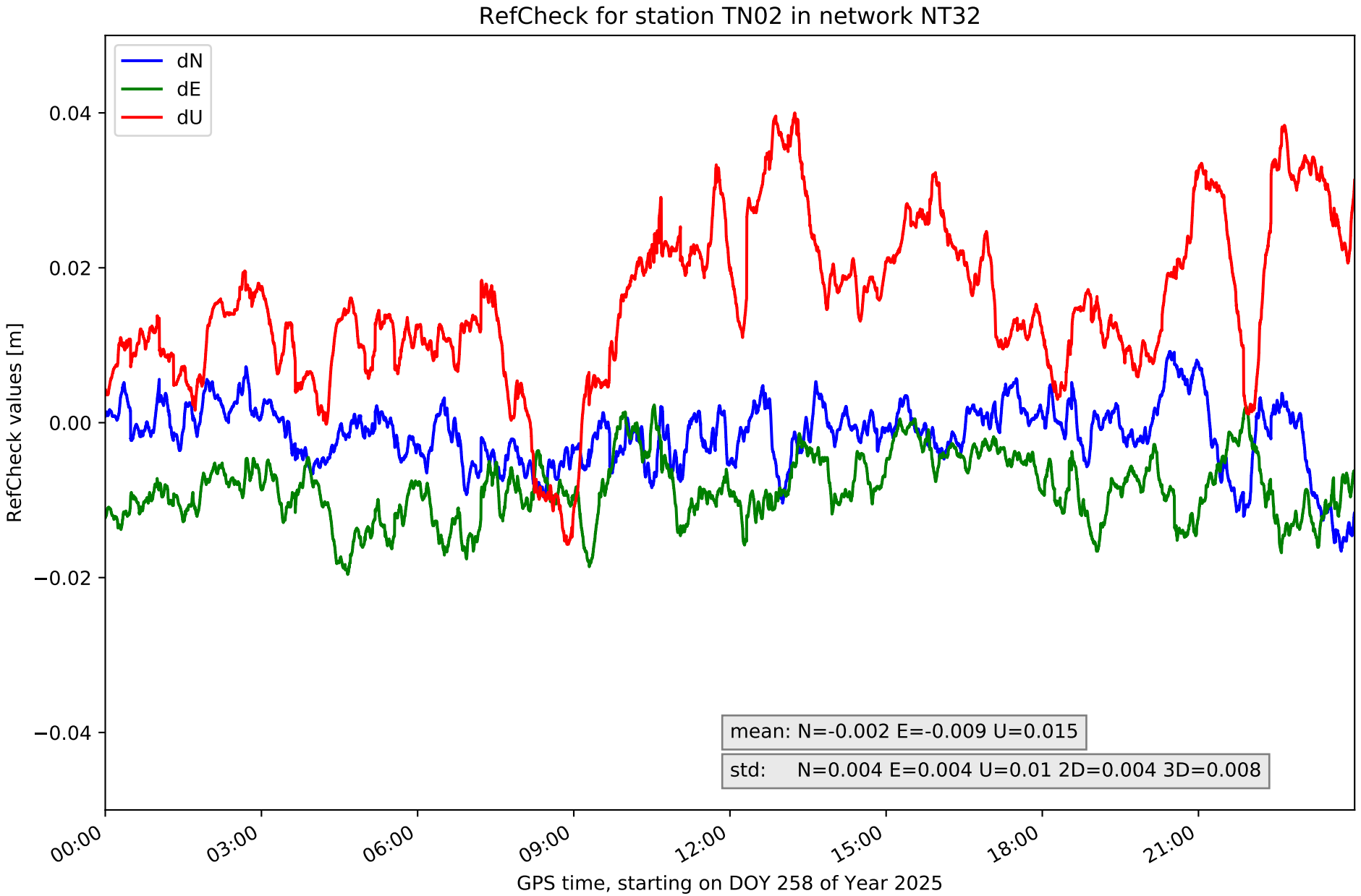

RefCheck for station LP01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.009 E=0.004 U=-0.003
std: N=0.003 E=0.003 U=0.014 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

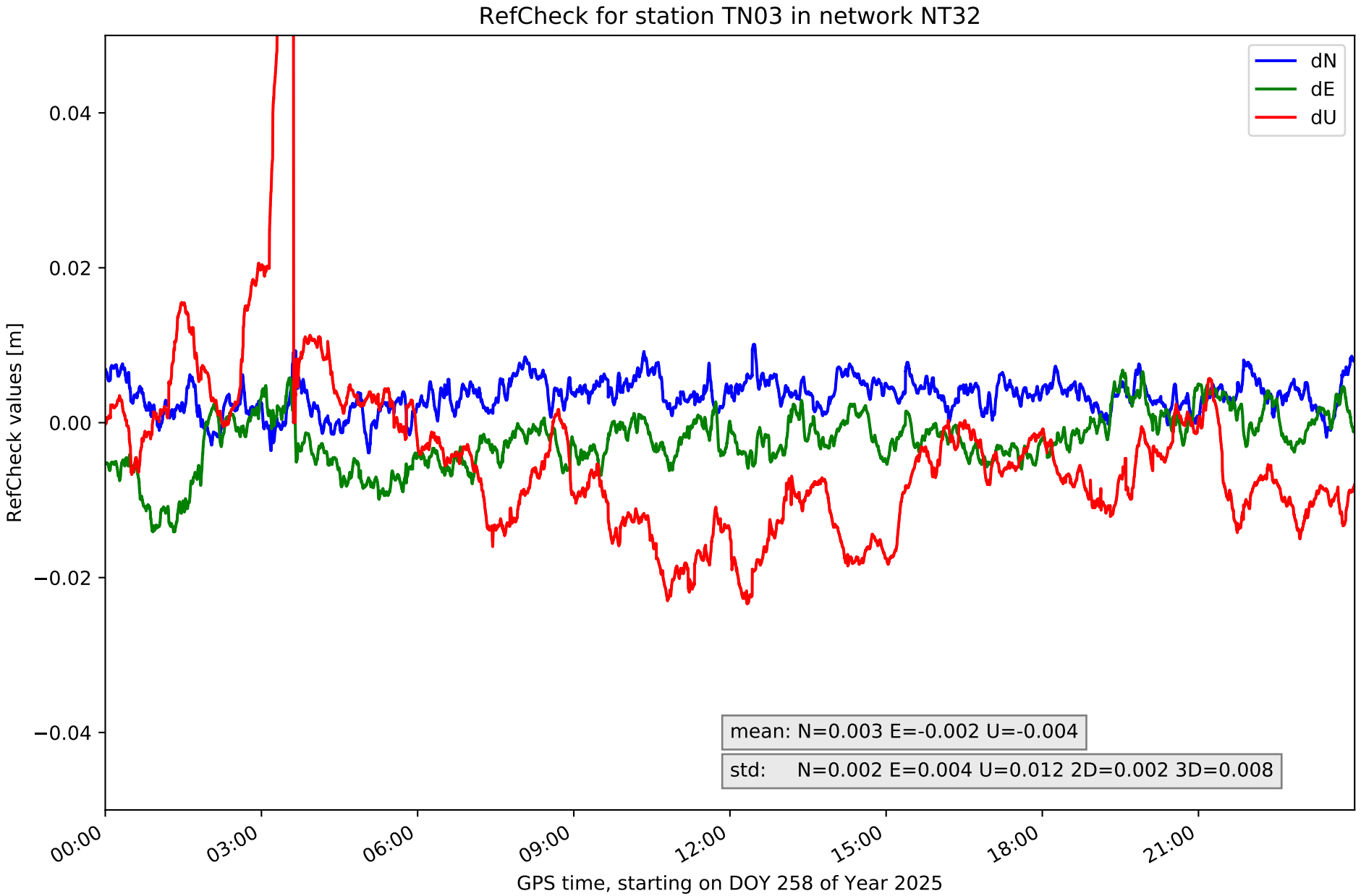

RefCheck for station LP03 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.006 U=0.002
std: N=0.005 E=0.006 U=0.007 2D=0.005 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

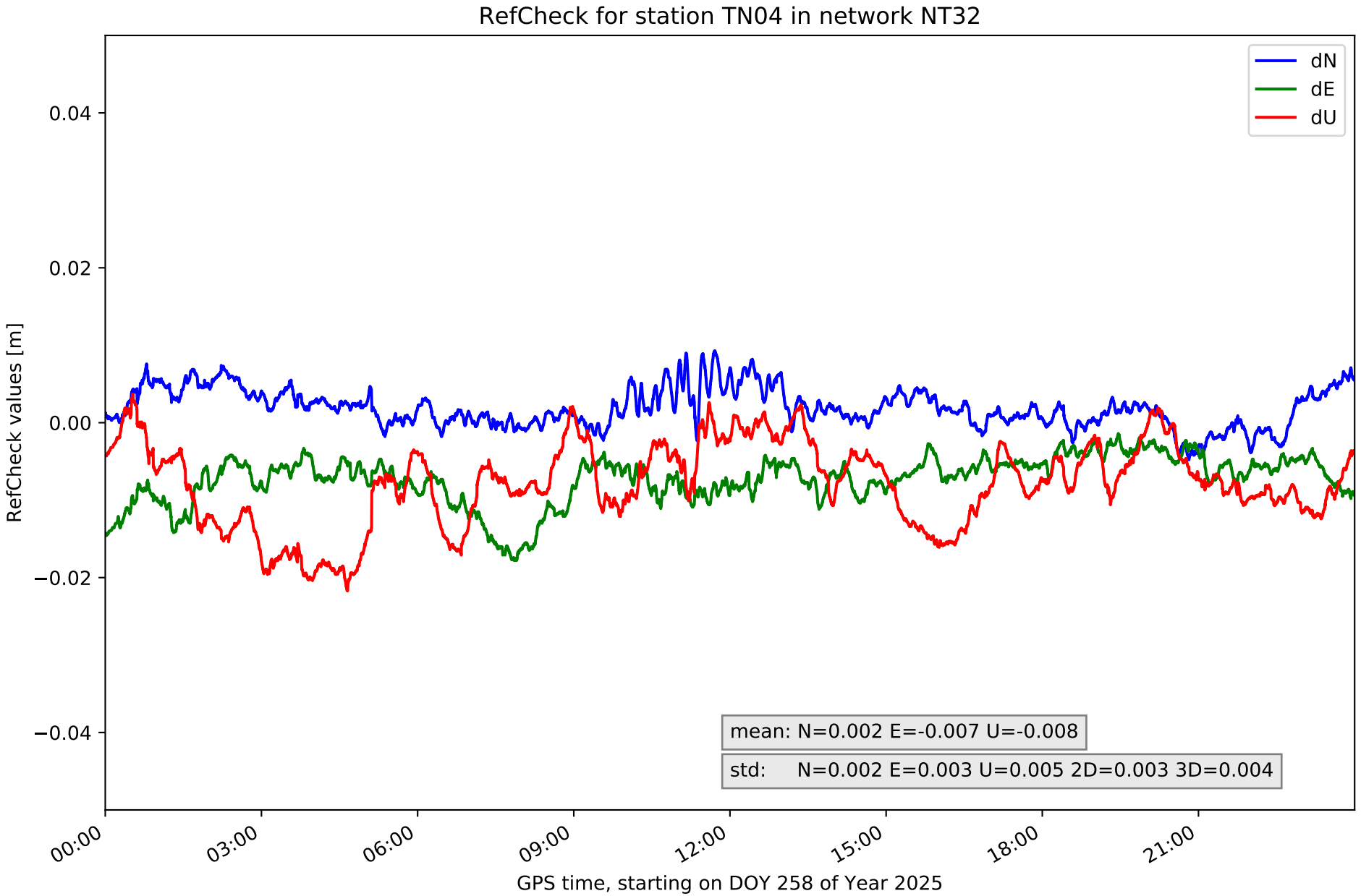

RefCheck for station LPAL in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=0.007 U=-0.007
std: N=0.004 E=0.003 U=0.008 2D=0.003 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

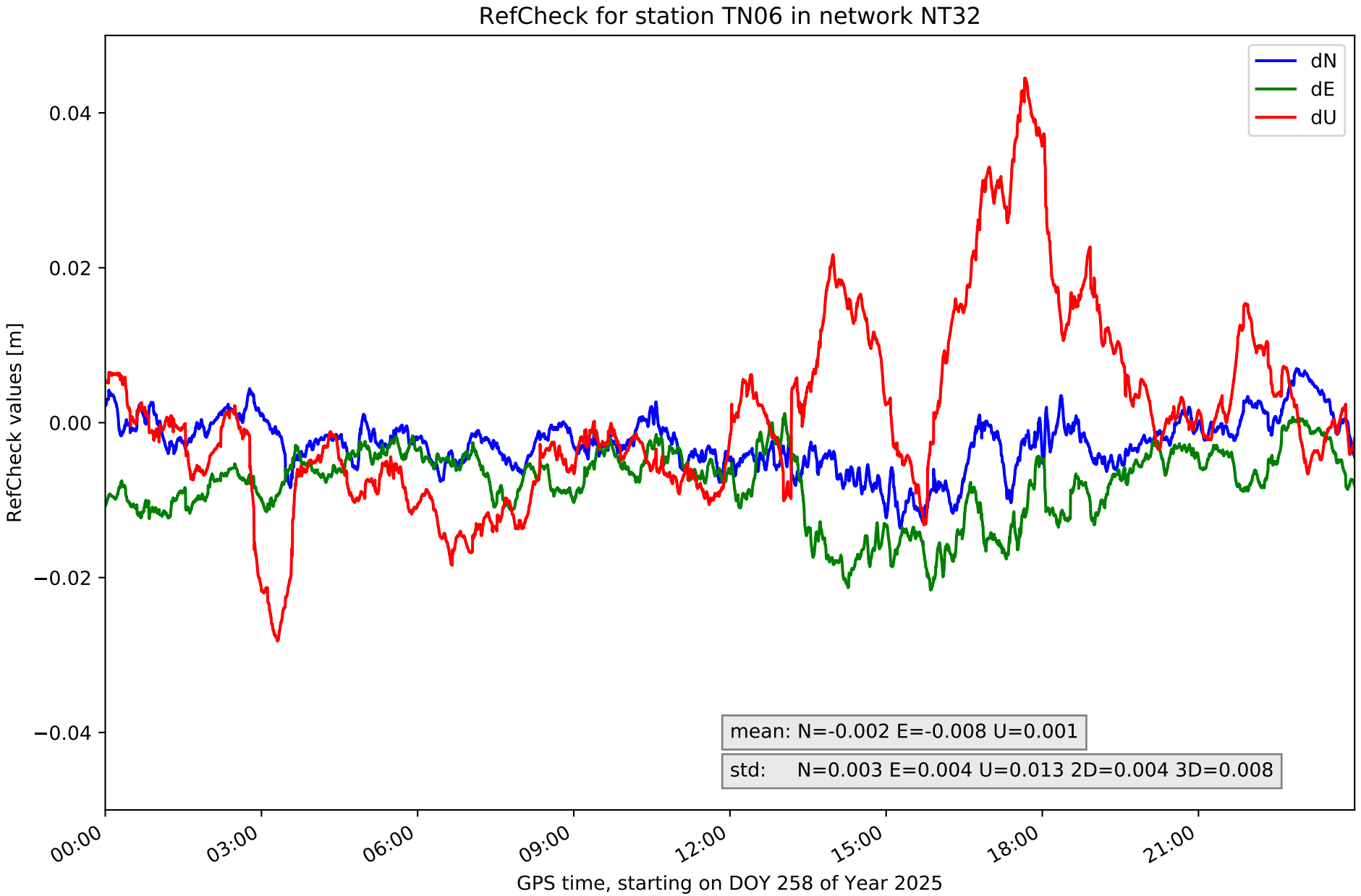

RefCheck for station LRES in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=0.011 U=0.006
std: N=0.004 E=0.005 U=0.012 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

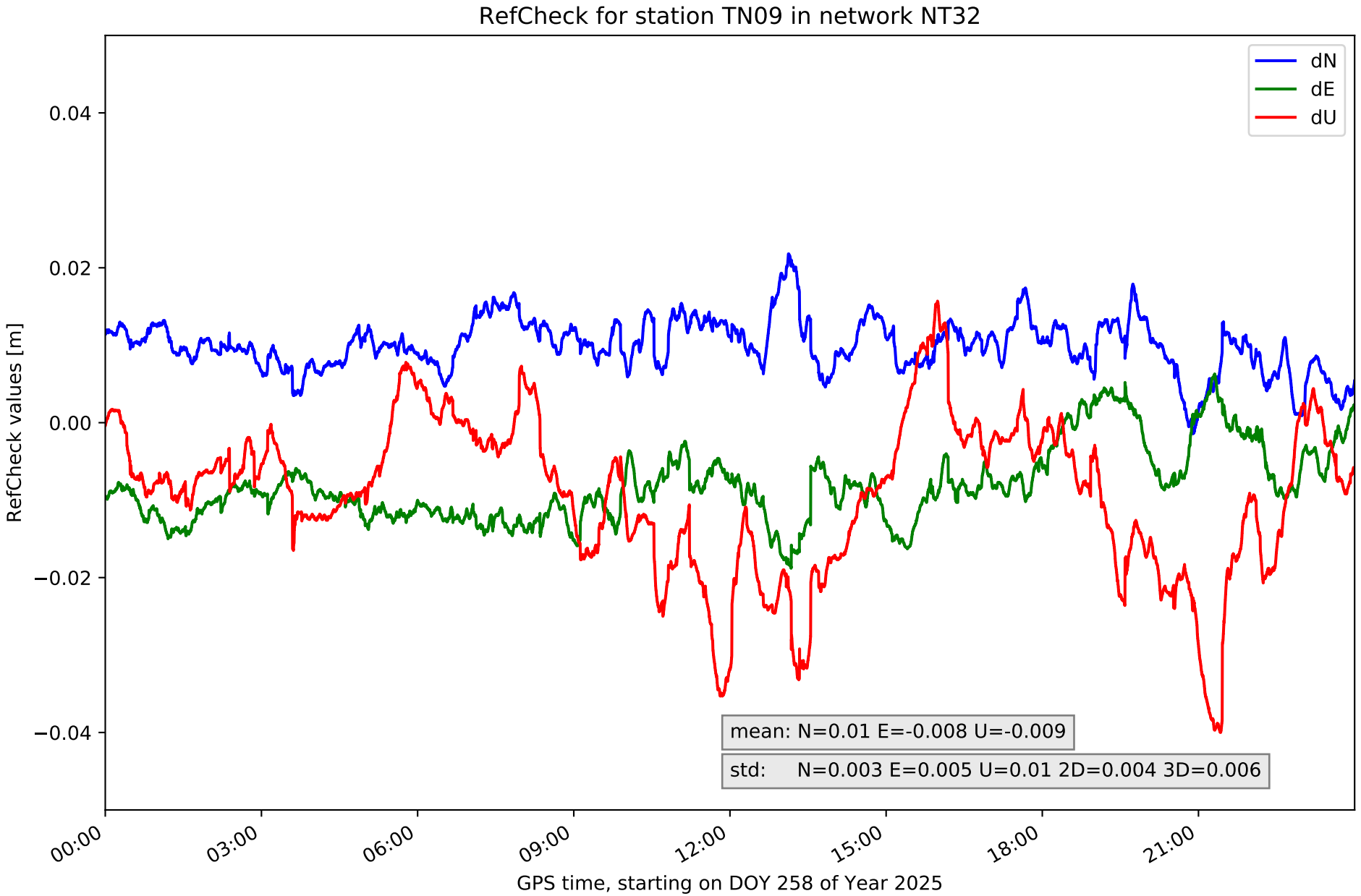

RefCheck for station TN01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.009 U=-0.01
std: N=0.003 E=0.003 U=0.005 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025

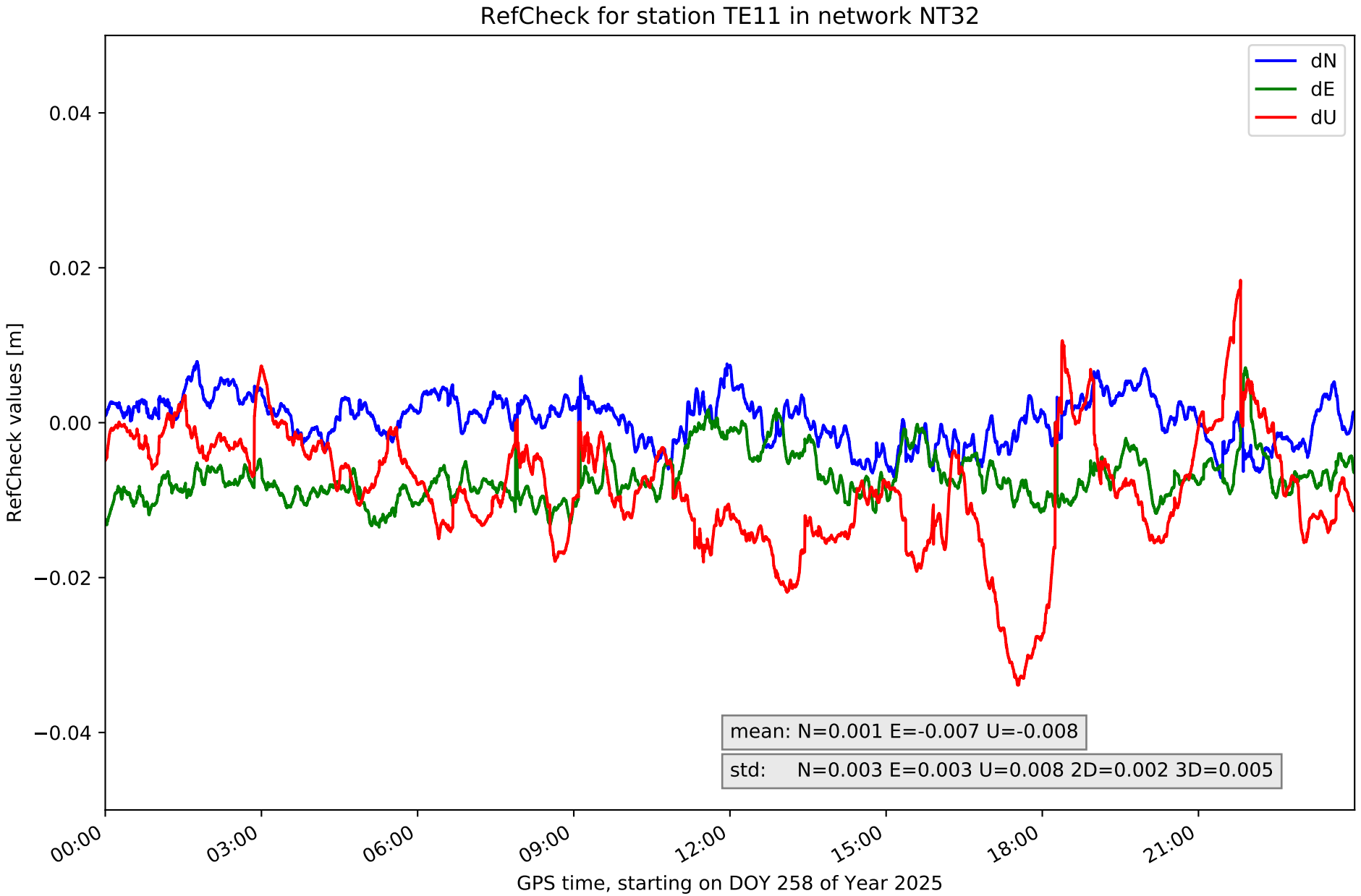

RefCheck for station TN02 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.009 U=0.015
std: N=0.004 E=0.004 U=0.01 2D=0.004 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025


RefCheck for station TN03 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.002 U=-0.004
std: N=0.002 E=0.004 U=0.012 2D=0.002 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 258 of Year 2025


RefCheck for station TN04 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.007 U=-0.008
std: N=0.002 E=0.003 U=0.005 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 258 of Year 2025


RefCheck for station TN06 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.008 U=0.001
std: N=0.003 E=0.004 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 258 of Year 2025


RefCheck for station TN09 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.01 E=-0.008 U=-0.009
std: N=0.003 E=0.005 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 258 of Year 2025


RefCheck for station TE11 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.007 U=-0.008
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 258 of Year 2025

RefCheck values for network NT32

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
EH01	-0.008	0.01	0.003	0.005	0.021	0.003	-0.029	0.023	0.008	0.003	0.004	64648	90.2	16031	22.4
EH02	-0.009	0.017	**0.005**	-0.0	**0.03**	0.005	-0.017	0.051	0.011	**0.005**	0.007	**65988**	**92.1**	**64943**	**90.7**
GOM1	-0.011	0.005	0.003	**-0.023**	0.012	0.005	**-0.047**	0.031	0.012	**0.005**	**0.008**	39806	55.6	12941	18.1
IZAN	-0.009	0.007	0.002	-0.014	0.004	0.003	-0.022	0.006	0.006	0.003	0.004	8816	12.3	2205	3.1
LP01	**-0.021**	-0.0	0.003	-0.006	0.016	0.003	-0.036	0.021	**0.014**	0.003	0.006	38231	53.4	19220	26.8
LP03	-0.012	0.012	**0.005**	-0.01	**0.03**	**0.006**	-0.015	0.02	0.007	**0.005**	0.005	21174	29.6	6146	8.6
LPAL	-0.016	0.007	0.004	-0.001	0.018	0.003	-0.018	0.016	0.008	0.003	0.003	43626	60.9	1787	2.5
LRES	-0.008	**0.027**	0.004	0.001	0.025	0.005	-0.012	0.044	0.012	**0.005**	0.007	57946	80.9	26319	36.7
TN01	-0.011	0.005	0.003	-0.019	-0.001	0.003	-0.021	0.003	0.005	0.003	0.004	33947	47.4	9245	12.9
TN02	-0.017	0.009	0.004	-0.02	0.002	0.004	-0.016	0.04	0.01	0.004	**0.008**	34146	47.7	28081	39.2
TN03	-0.004	0.01	0.002	-0.014	0.007	0.004	-0.023	**0.06**	0.012	0.002	**0.008**	3449	4.8	4270	6.0
TN04	-0.005	0.009	0.002	-0.018	-0.001	0.003	-0.022	0.004	0.005	0.003	0.004	17114	23.9	3056	4.3
TN06	-0.014	0.007	0.003	-0.022	0.001	0.004	-0.028	0.044	0.013	0.004	**0.008**	20575	28.7	12829	17.9
TN09	-0.001	0.022	0.003	-0.019	0.006	0.005	-0.04	0.016	0.01	0.004	0.006	58890	82.2	20822	29.1
TE11	-0.007	0.008	0.003	-0.013	0.007	0.003	-0.034	0.018	0.008	0.002	0.005	14343	20.0	5636	7.9
Mean	**-0.01**	**0.01**	**0.003**	**-0.012**	**0.012**	**0.004**	**-0.025**	**0.026**	**0.009**	**0.004**	**0.006**	**34846.6**	**48.6**	**15568.7**	**21.7**
Min/Max	**-0.021**	**0.027**	**0.005**	**-0.023**	**0.03**	**0.006**	**-0.047**	**0.06**	**0.014**	**0.005**	**0.008**	**65988**	**92.1**	**64943**	**90.7**

fixing statistic for network NT32

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	93.4	93.0	92.8	94.3	93.9
considering satellites with dual-frequency fixed	92.2	91.8	90.7	93.6	92.3
considering all signals separately	92.2	92.0	90.7	94.0	90.4