summary for network N31T

timeperiod chosen: from 2026-10-26-00:00:00 until 2026-10-26-23:59:59

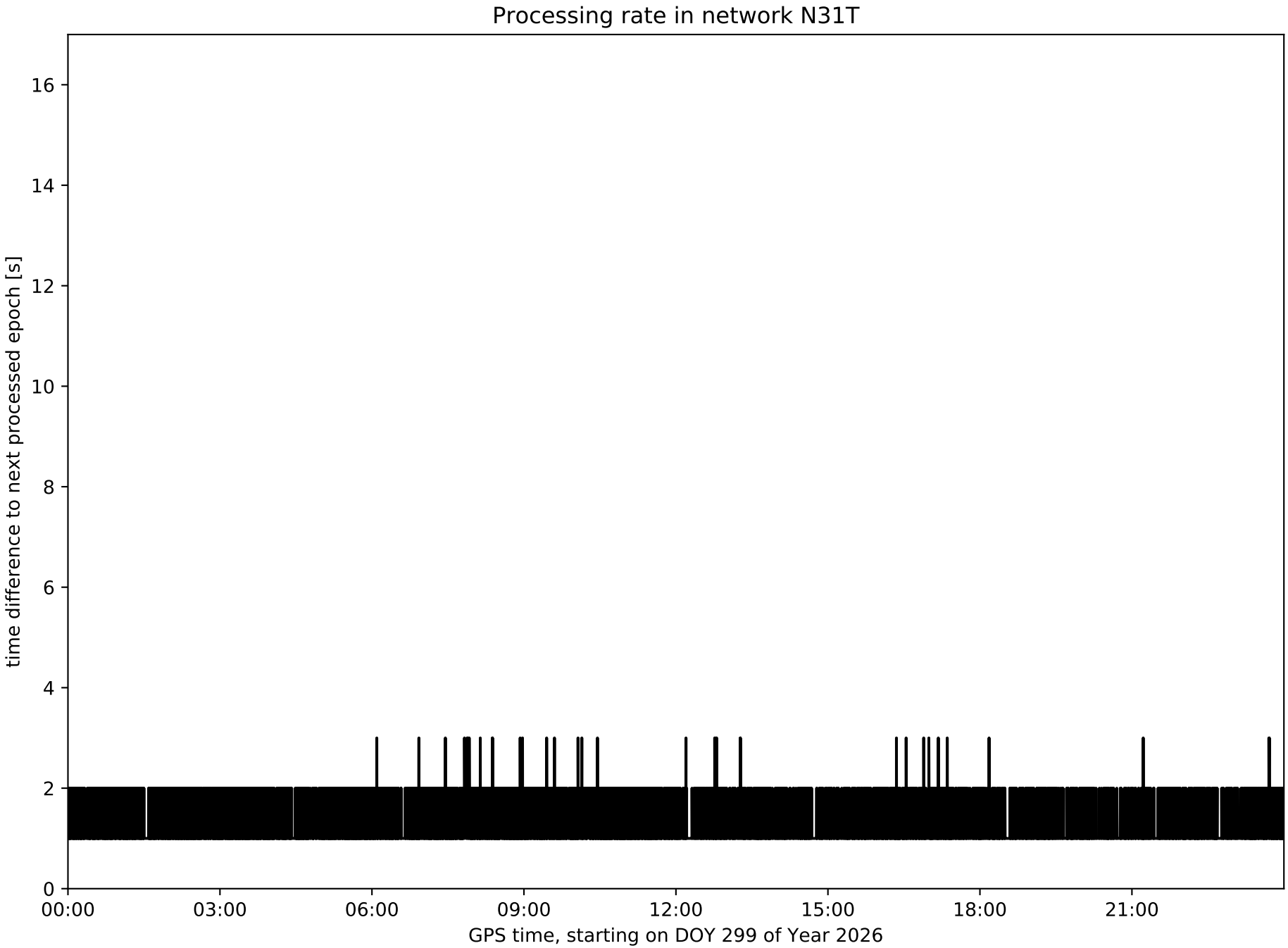
average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

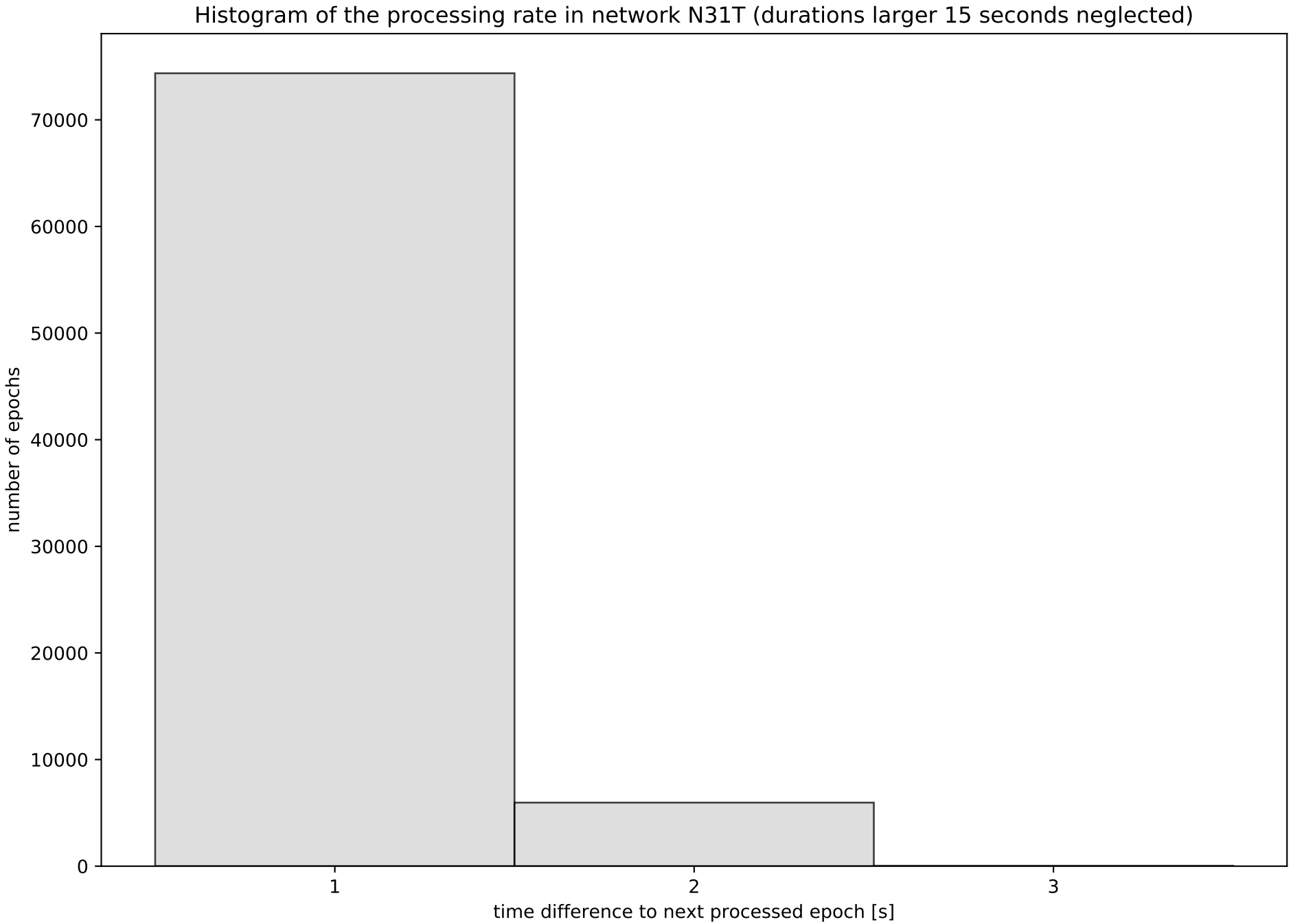
average fixing percentage with threshold set to 0.3: 90.5 percent

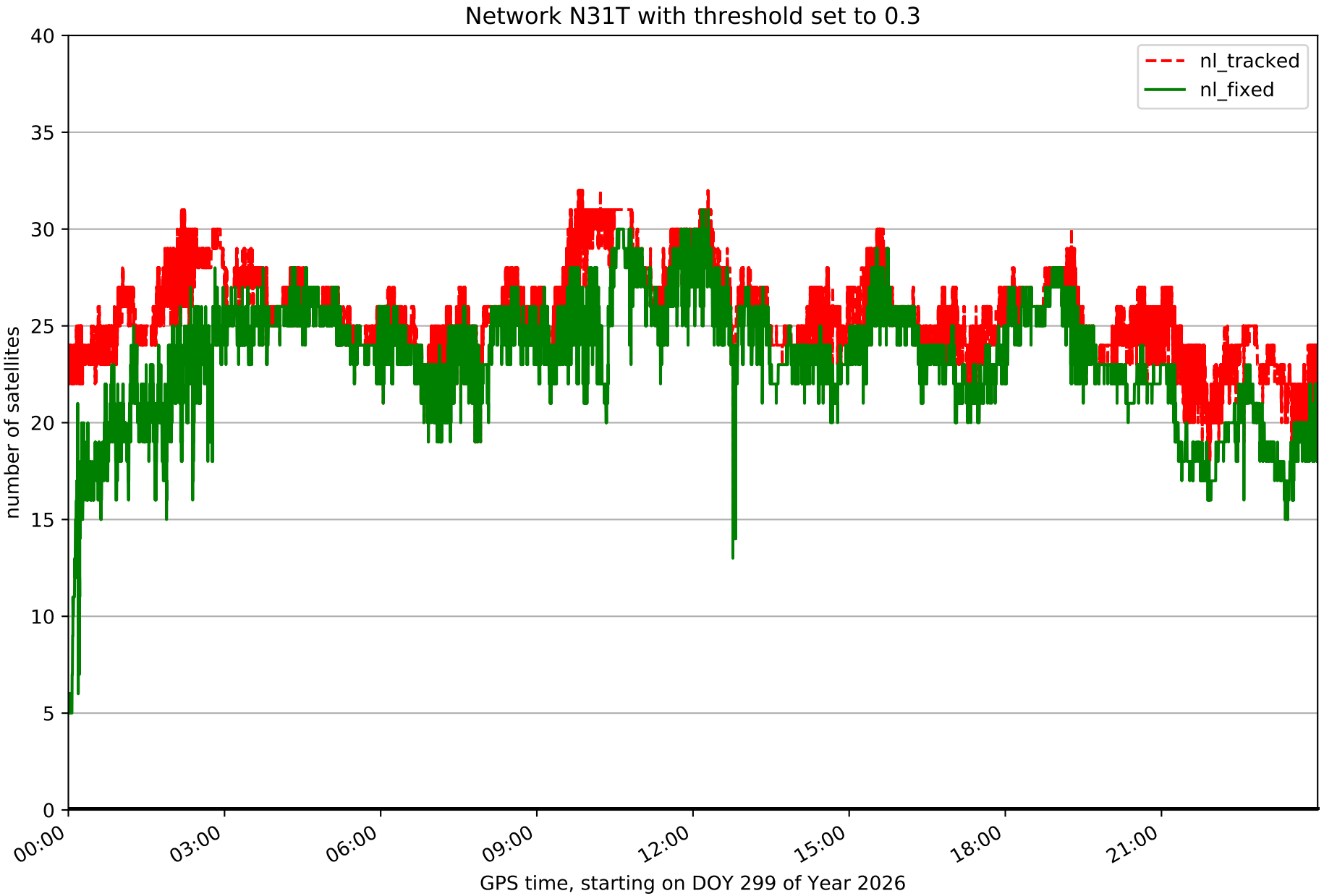
stations available: 7 of 7

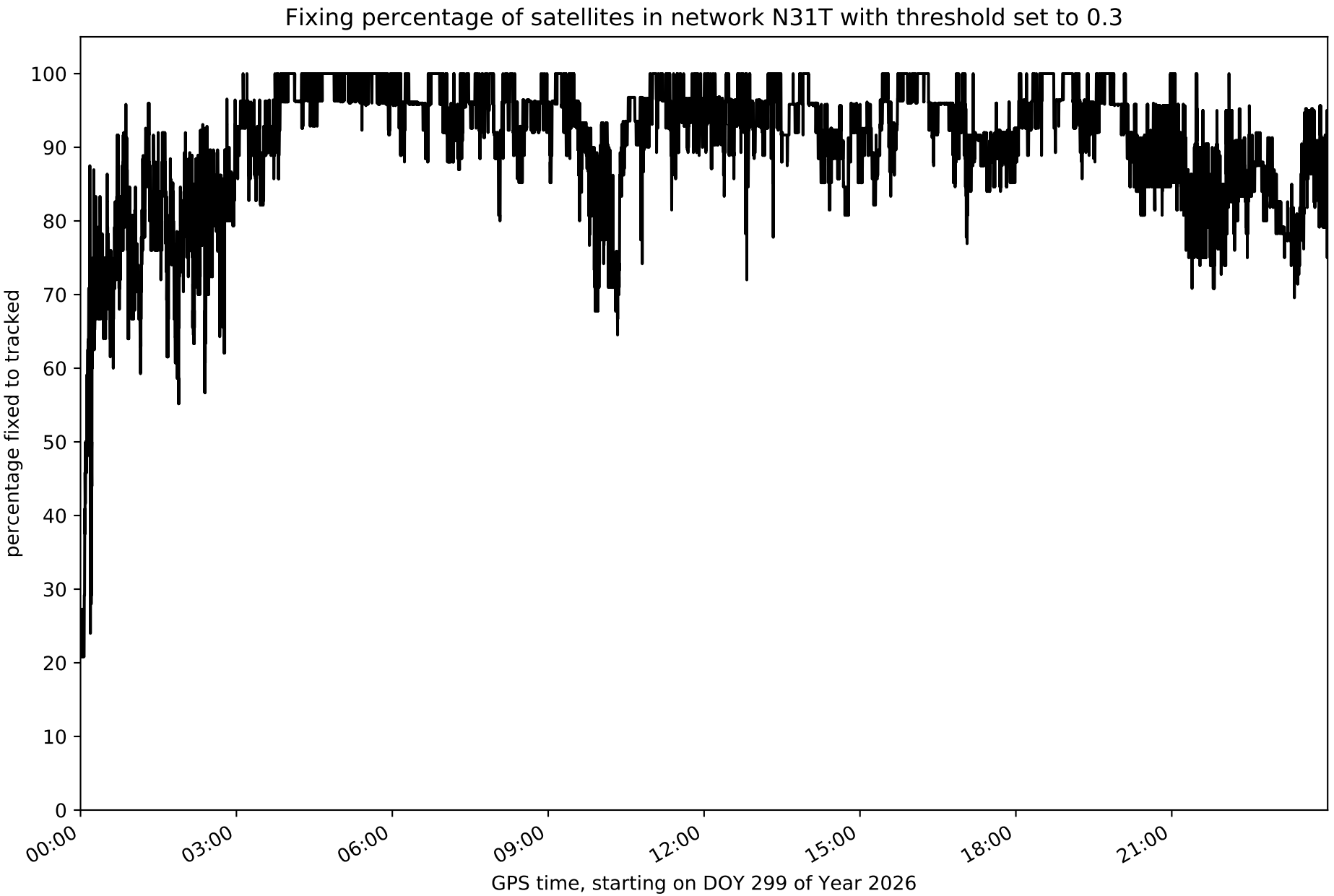
station information:

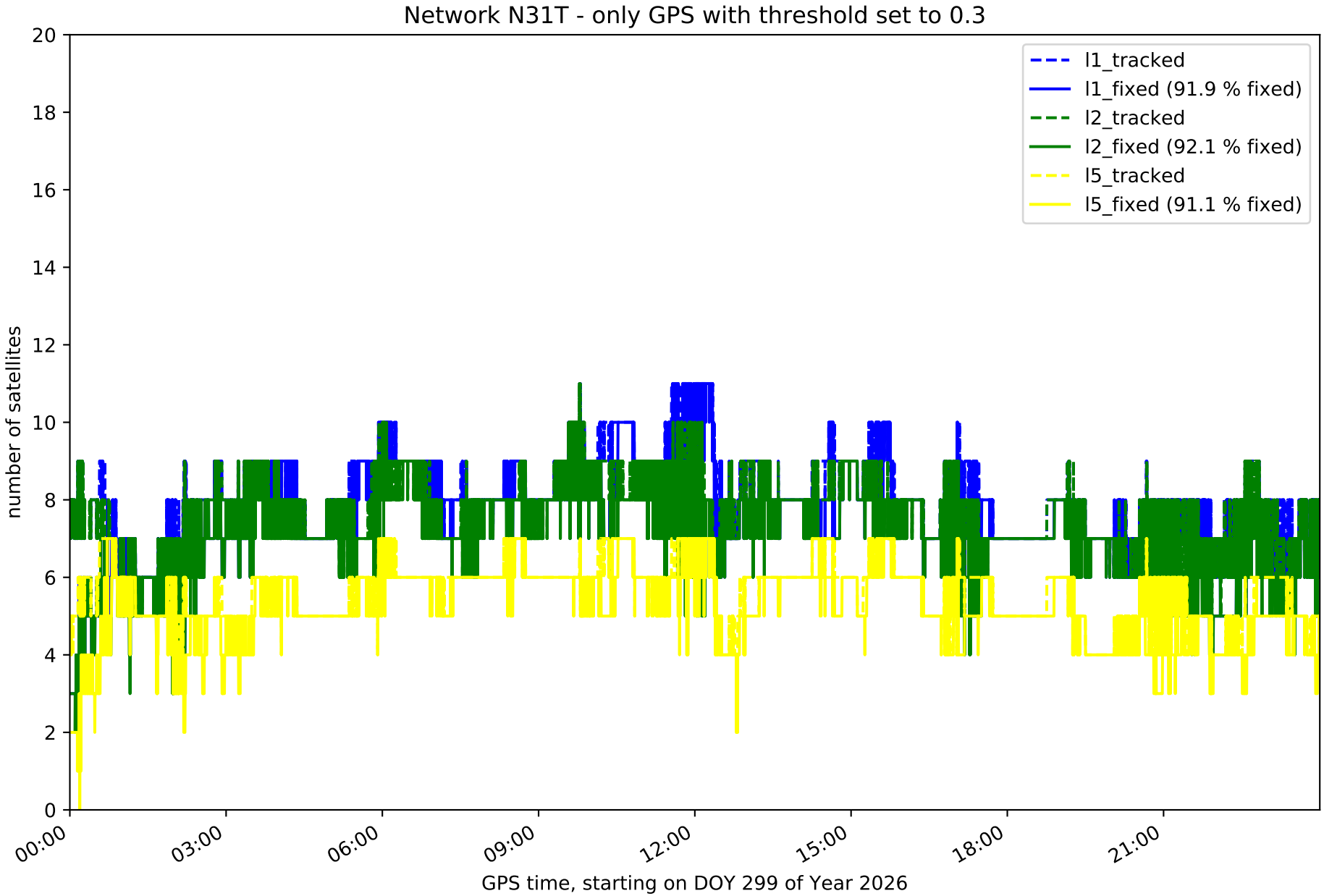
station FUER:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20 NONE	receiver: LEICA GR25	height: 58.039
station LZ03:	antenna: LEIAR20 NONE	receiver: LEICA GR50	height: 314.762
station MASP:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 198.846
station ULP2:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE ALLOY	height: 375.129

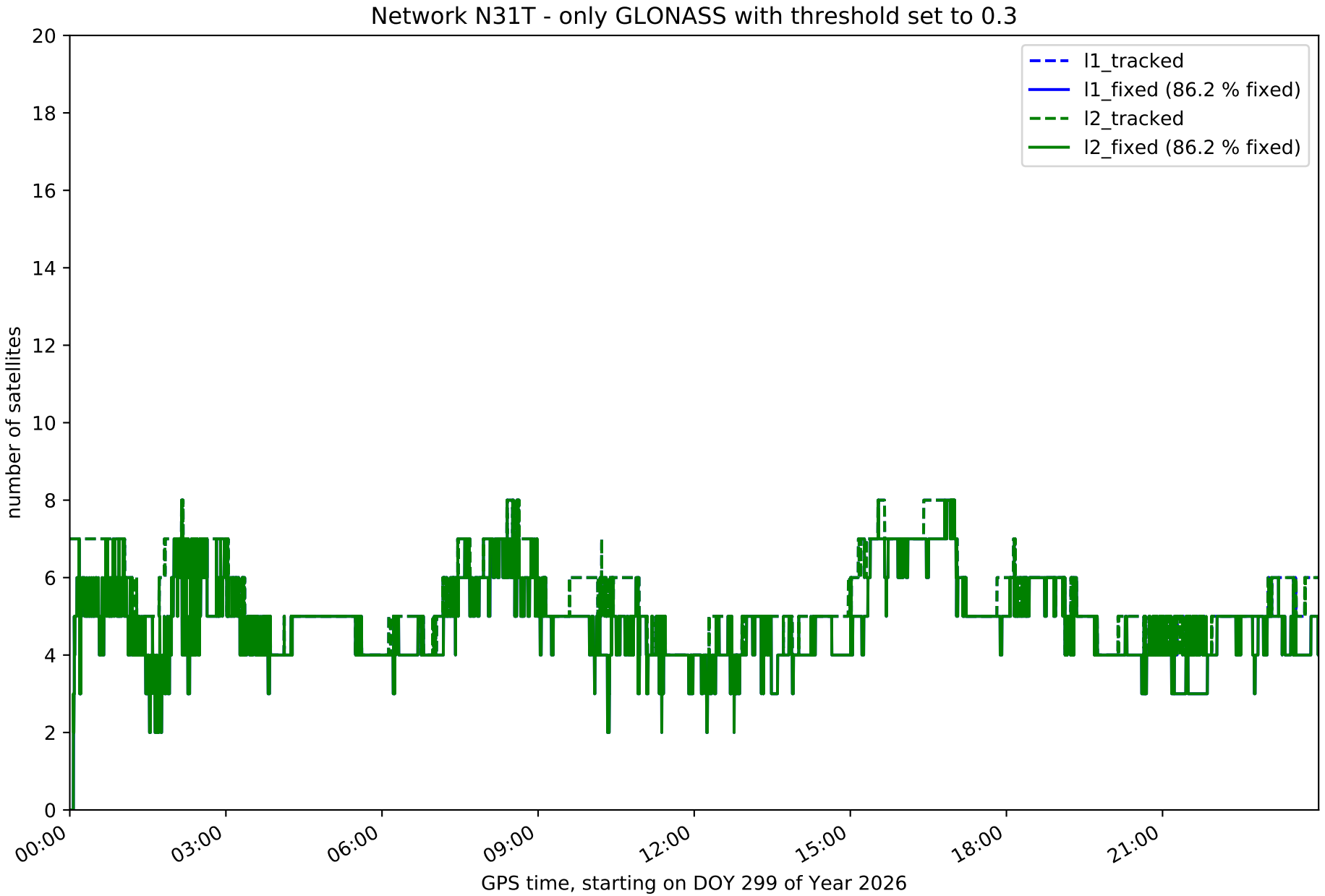

Processing rate in network N31T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

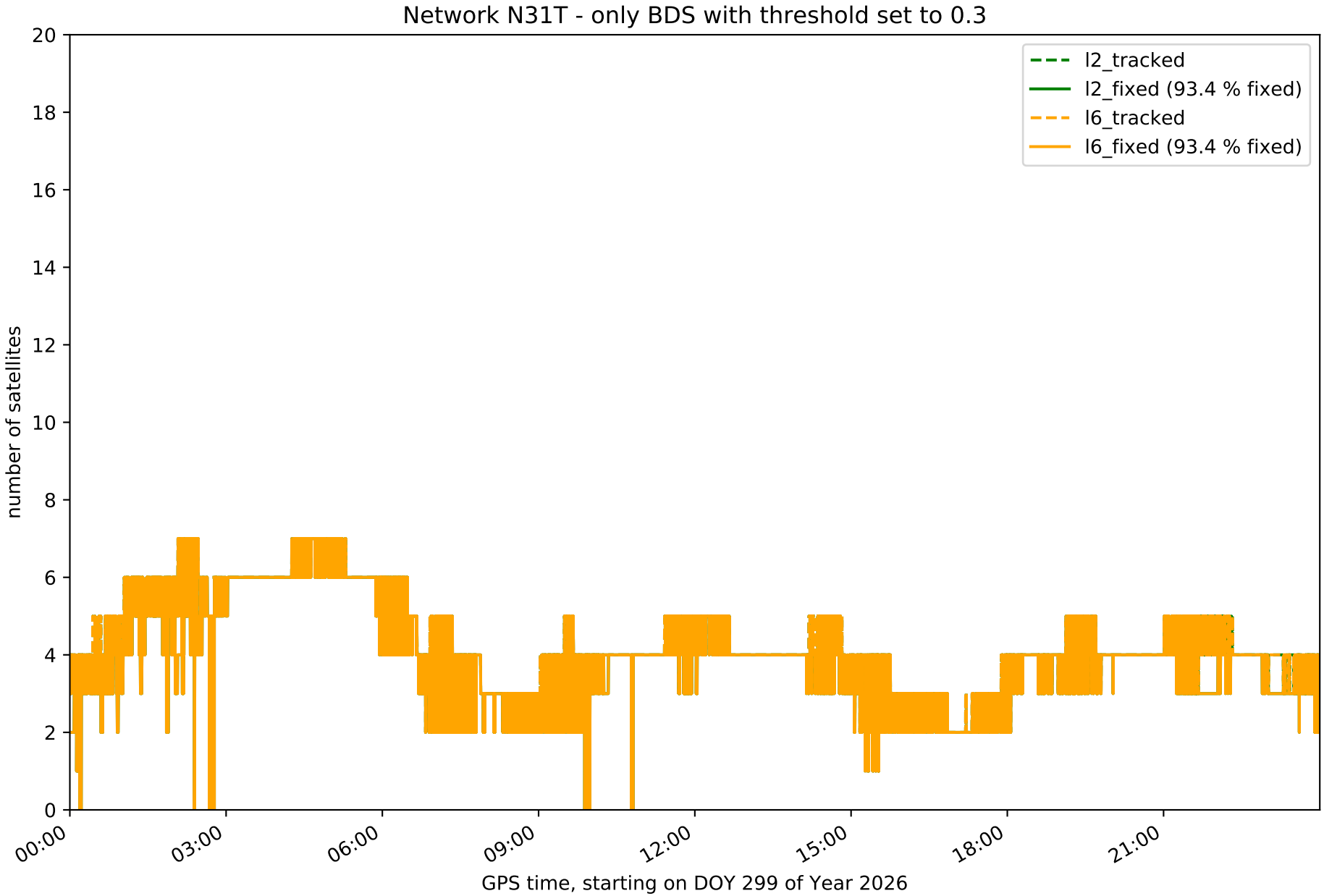

Histogram of the processing rate in network N31T (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
1
2
3
time difference to next processed epoch [s]

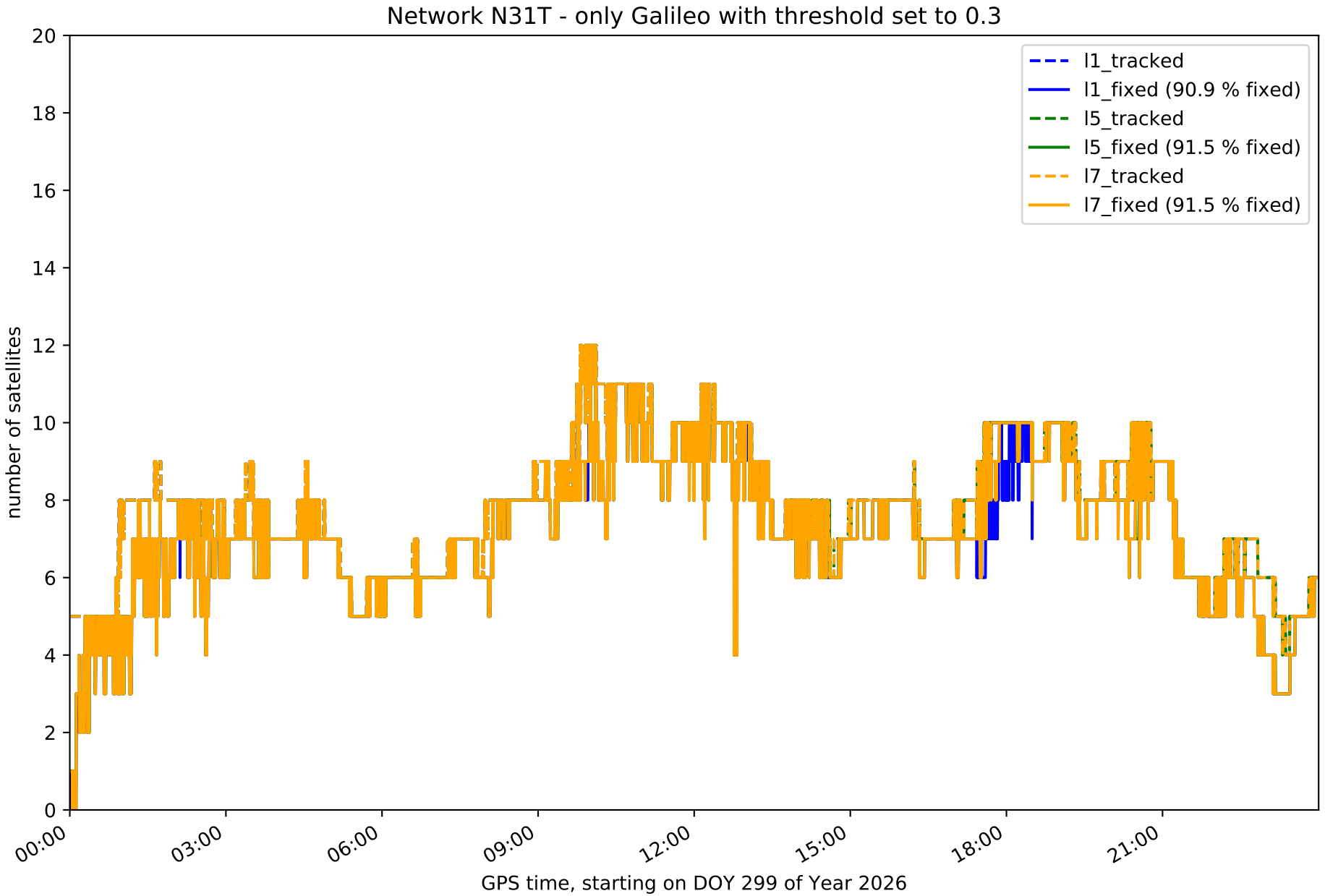

Network N31T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

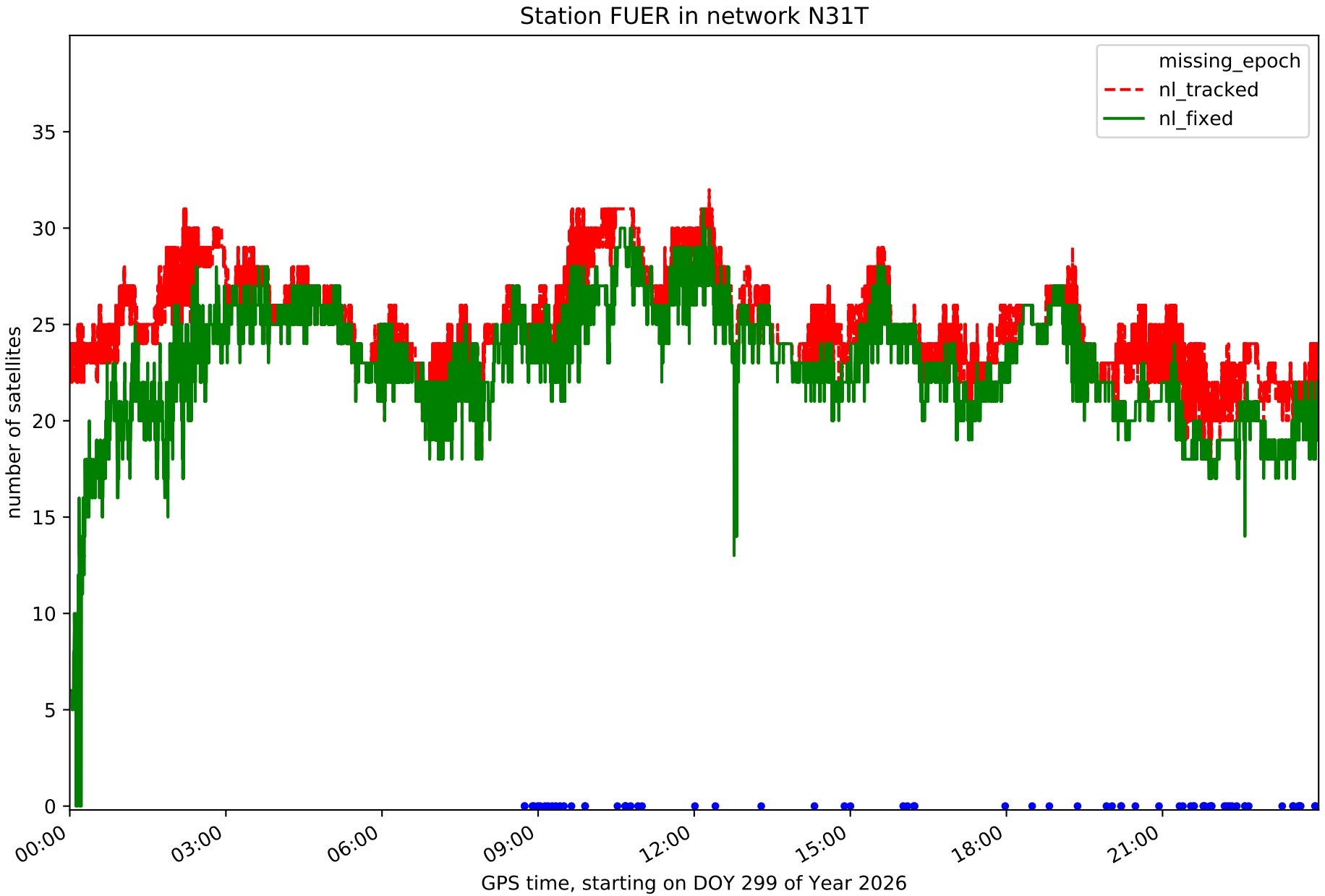

Fixing percentage of satellites in network N31T with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

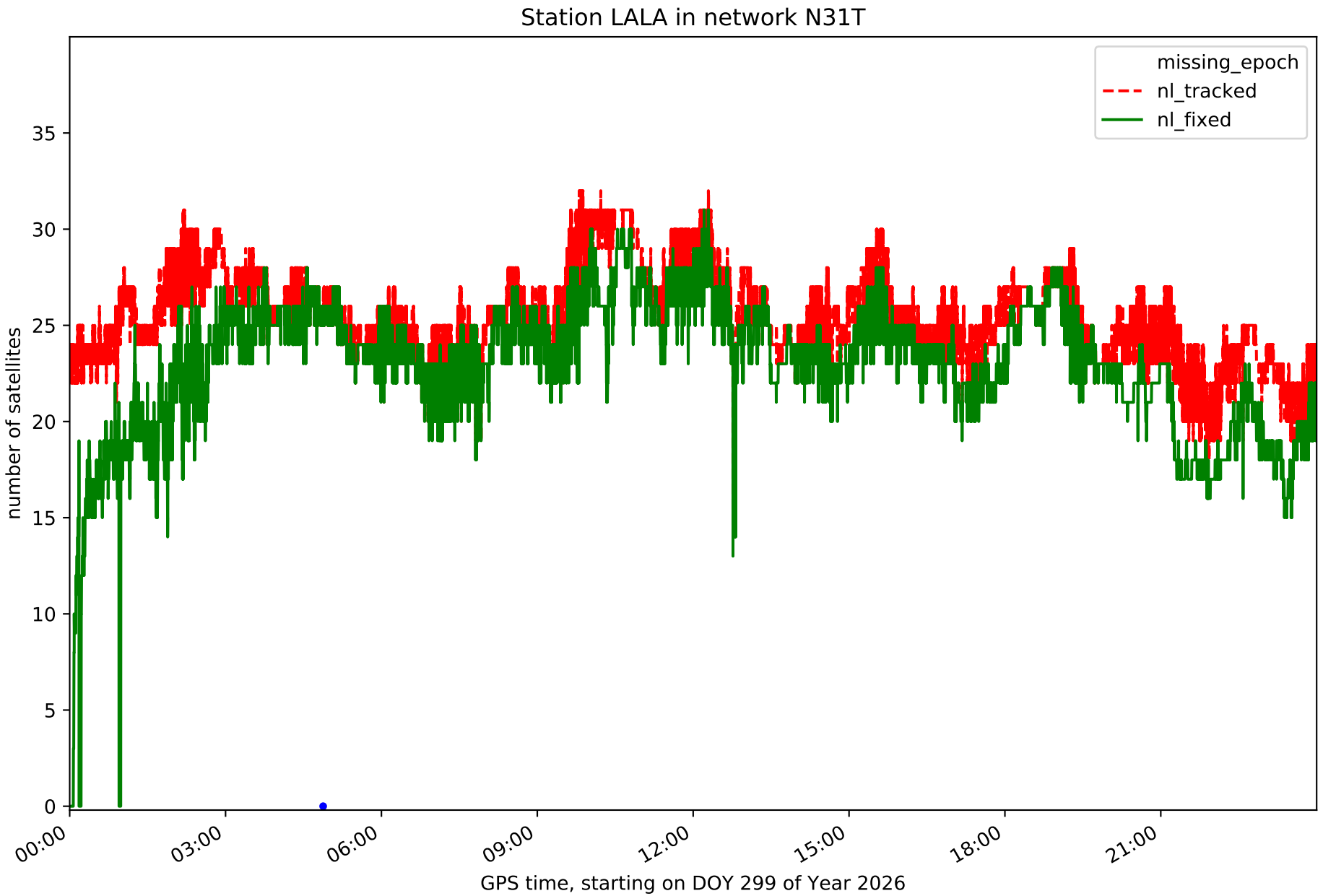

Network N31T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 299 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (91.9 % fixed)
l2_tracked
l2_fixed (92.1 % fixed)
l5_tracked
l5_fixed (91.1 % fixed)

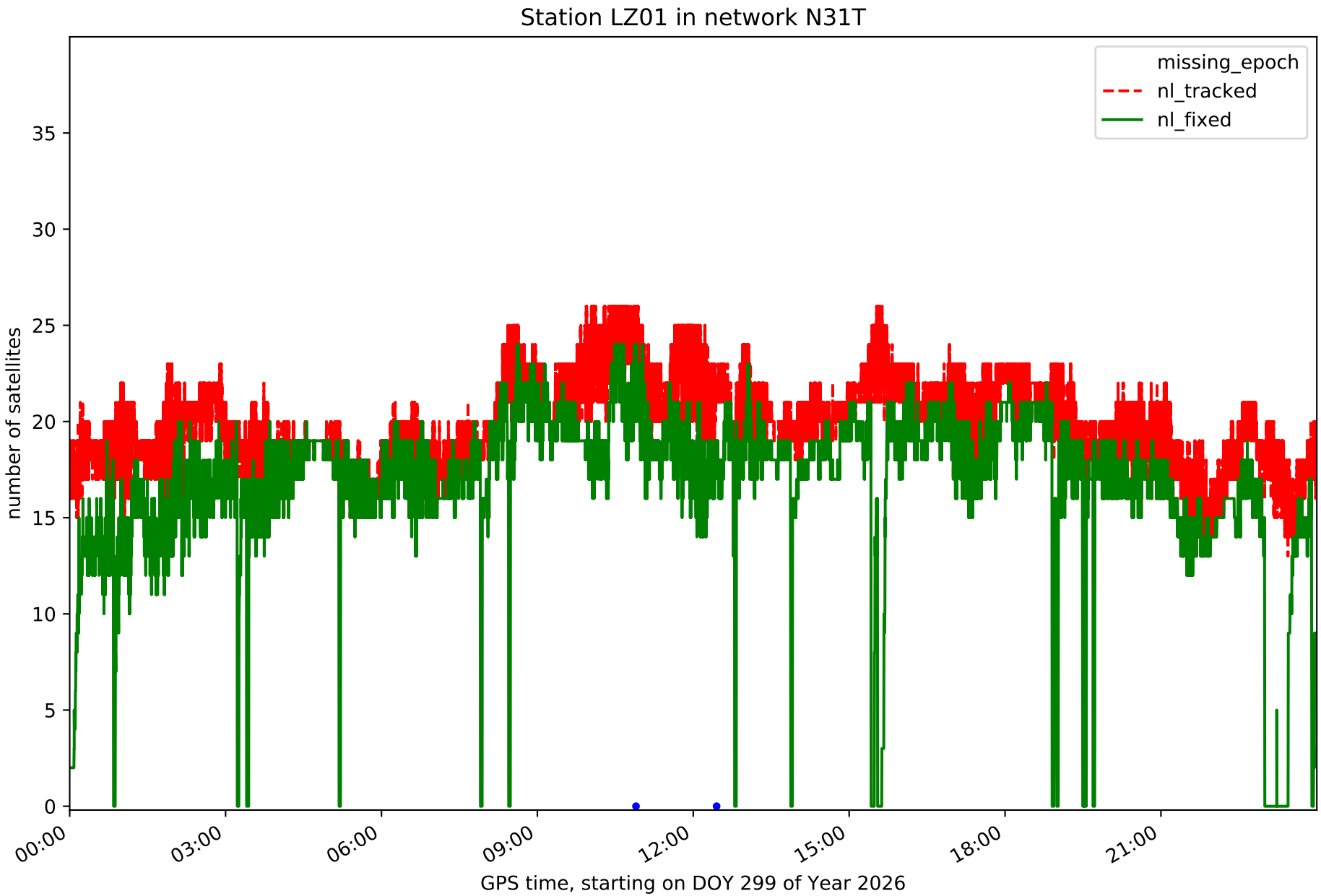

Network N31T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (86.2 % fixed)
l2_tracked
l2_fixed (86.2 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

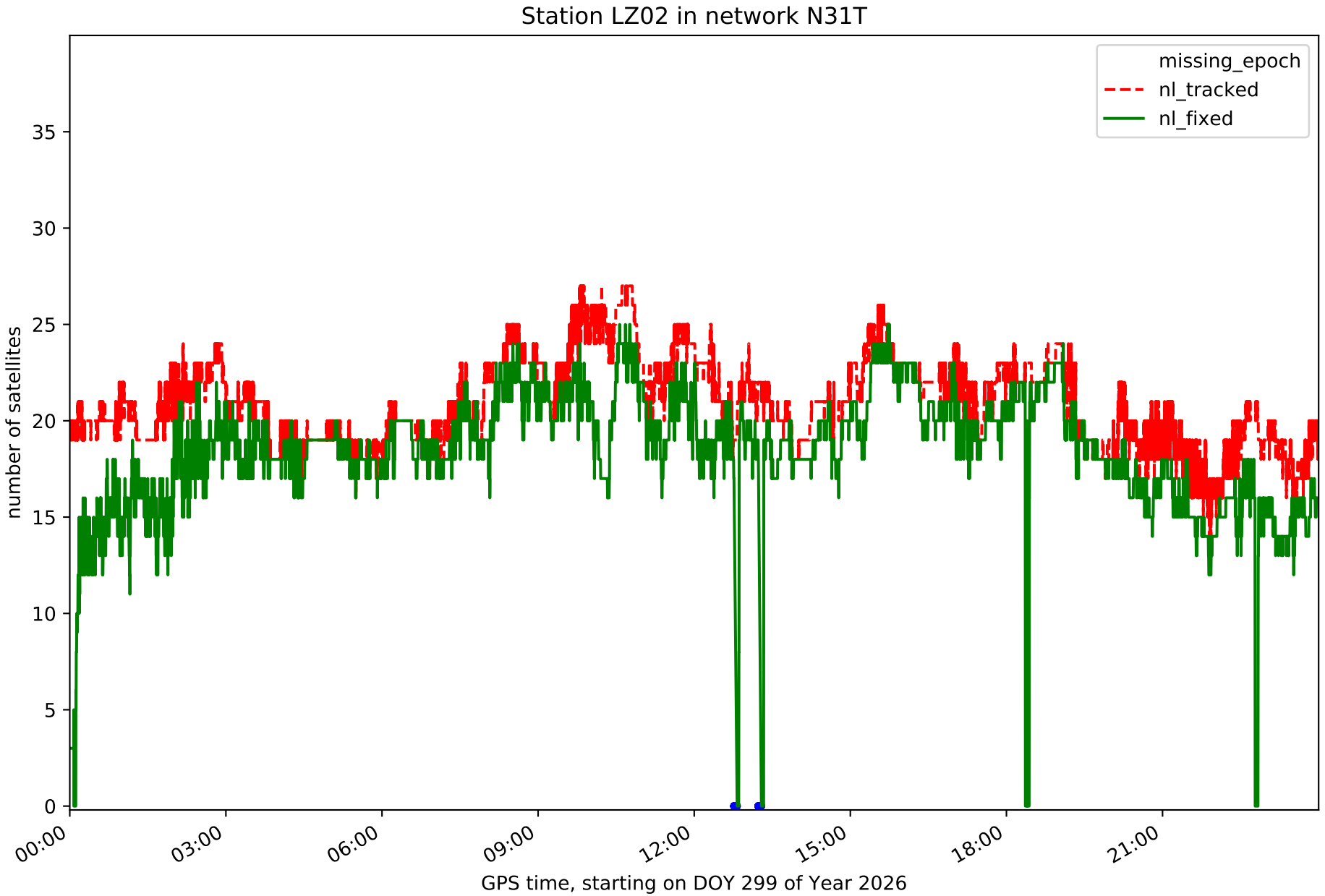

Network N31T - only BDS with threshold set to 0.3
l2_tracked
l2_fixed (93.4 % fixed)
l6_tracked
l6_fixed (93.4 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

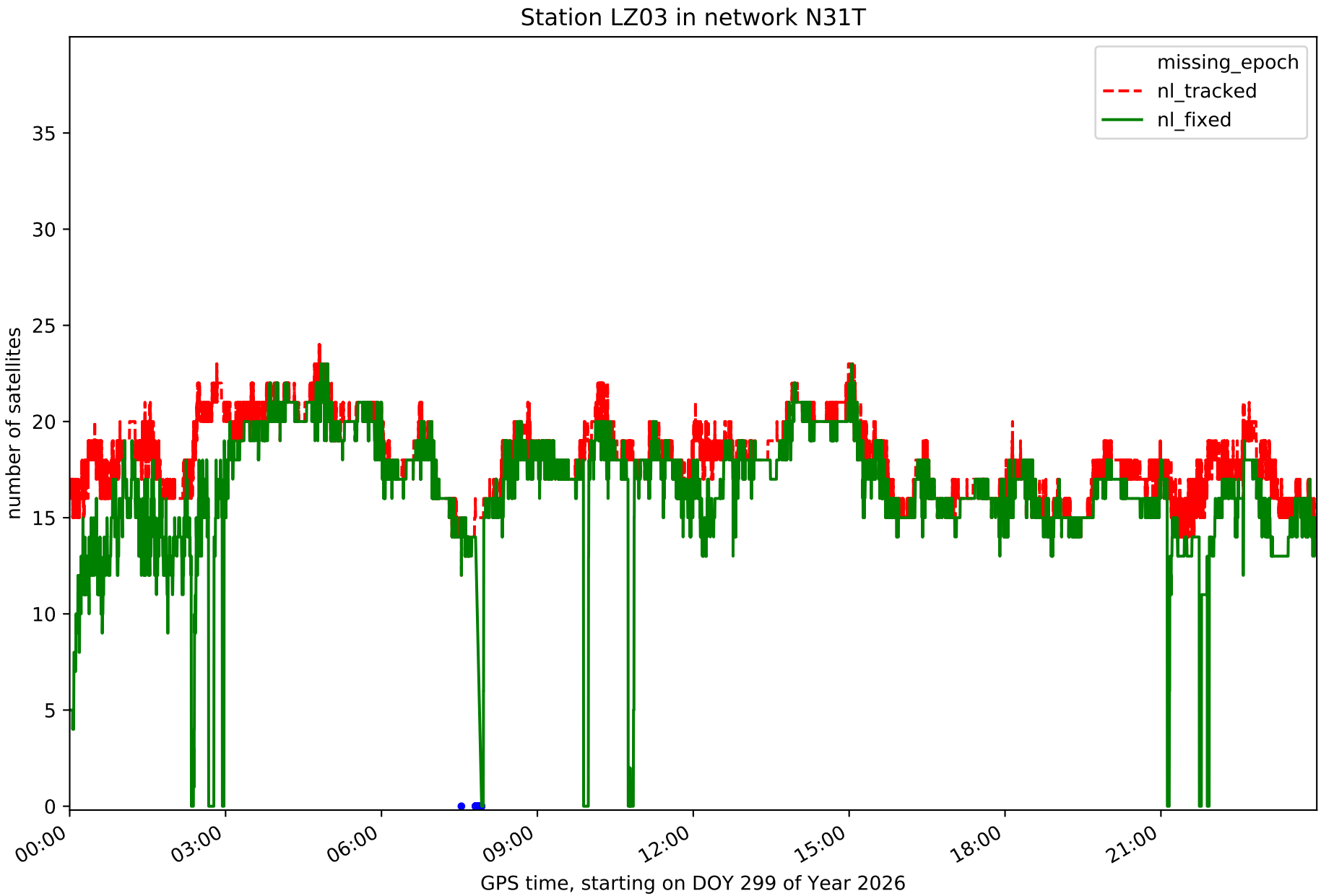

Network N31T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 299 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (90.9 % fixed)
l5_tracked
l5_fixed (91.5 % fixed)
l7_tracked
l7_fixed (91.5 % fixed)

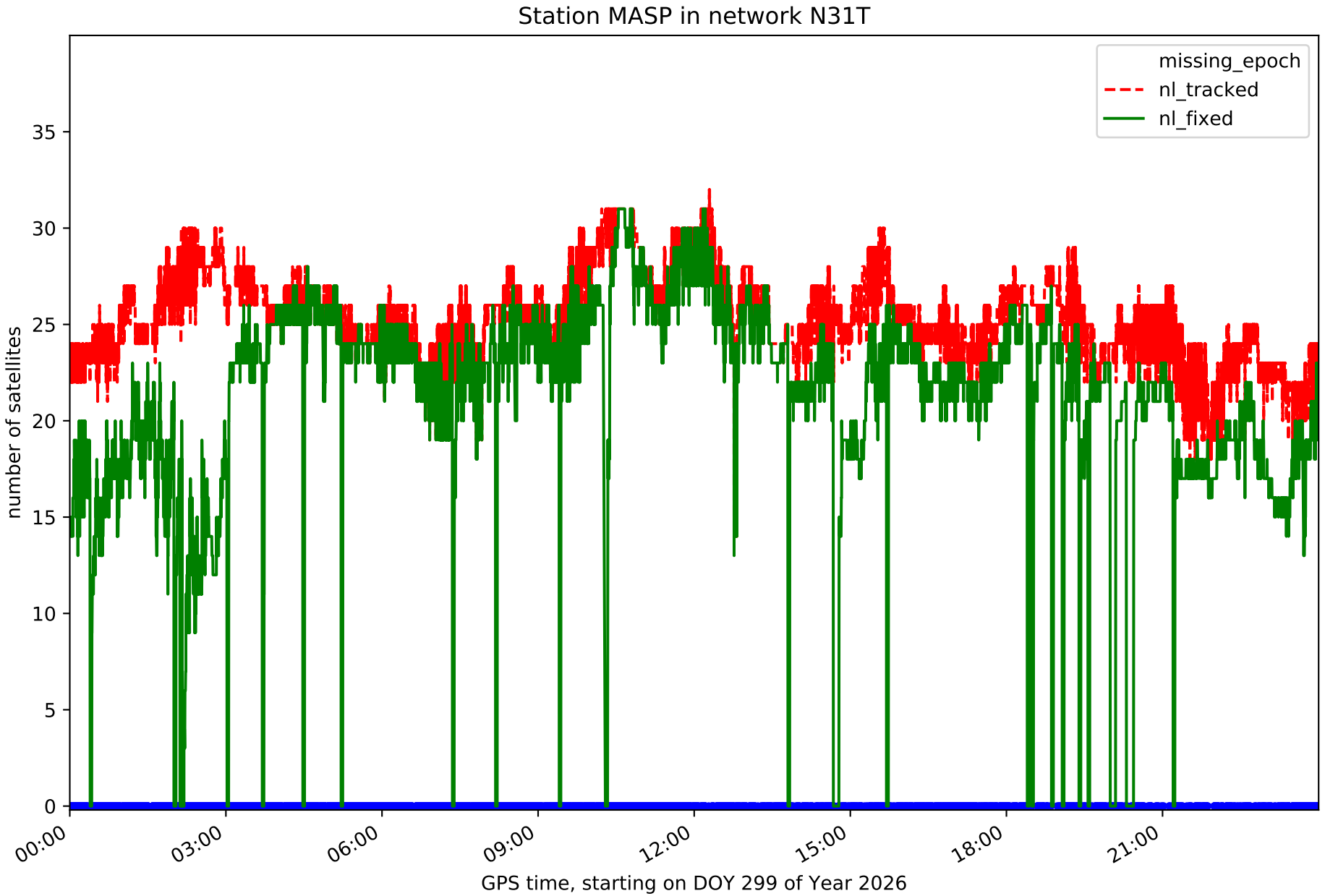

Station FUER in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

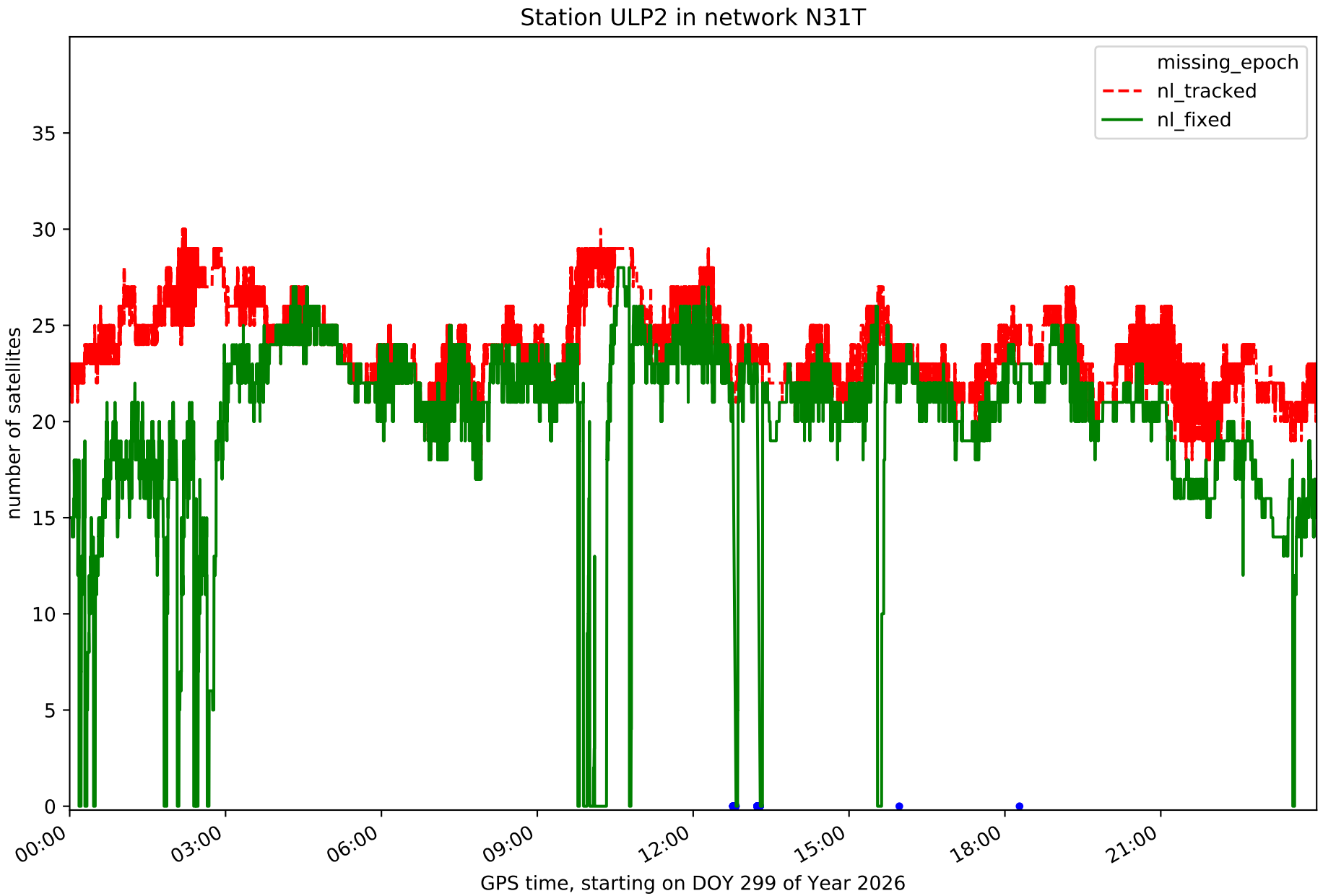

Station LALA in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

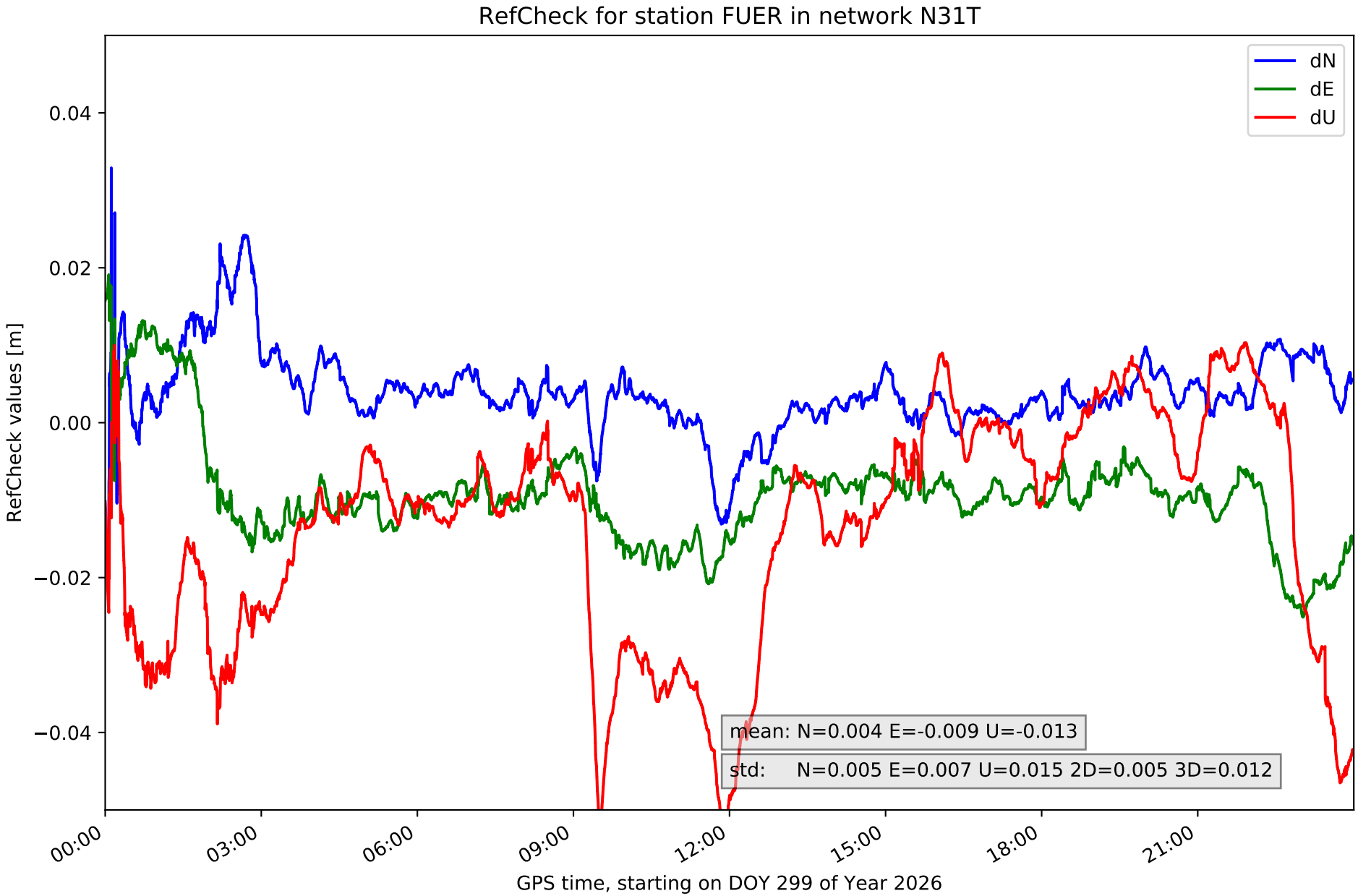

Station LZ01 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

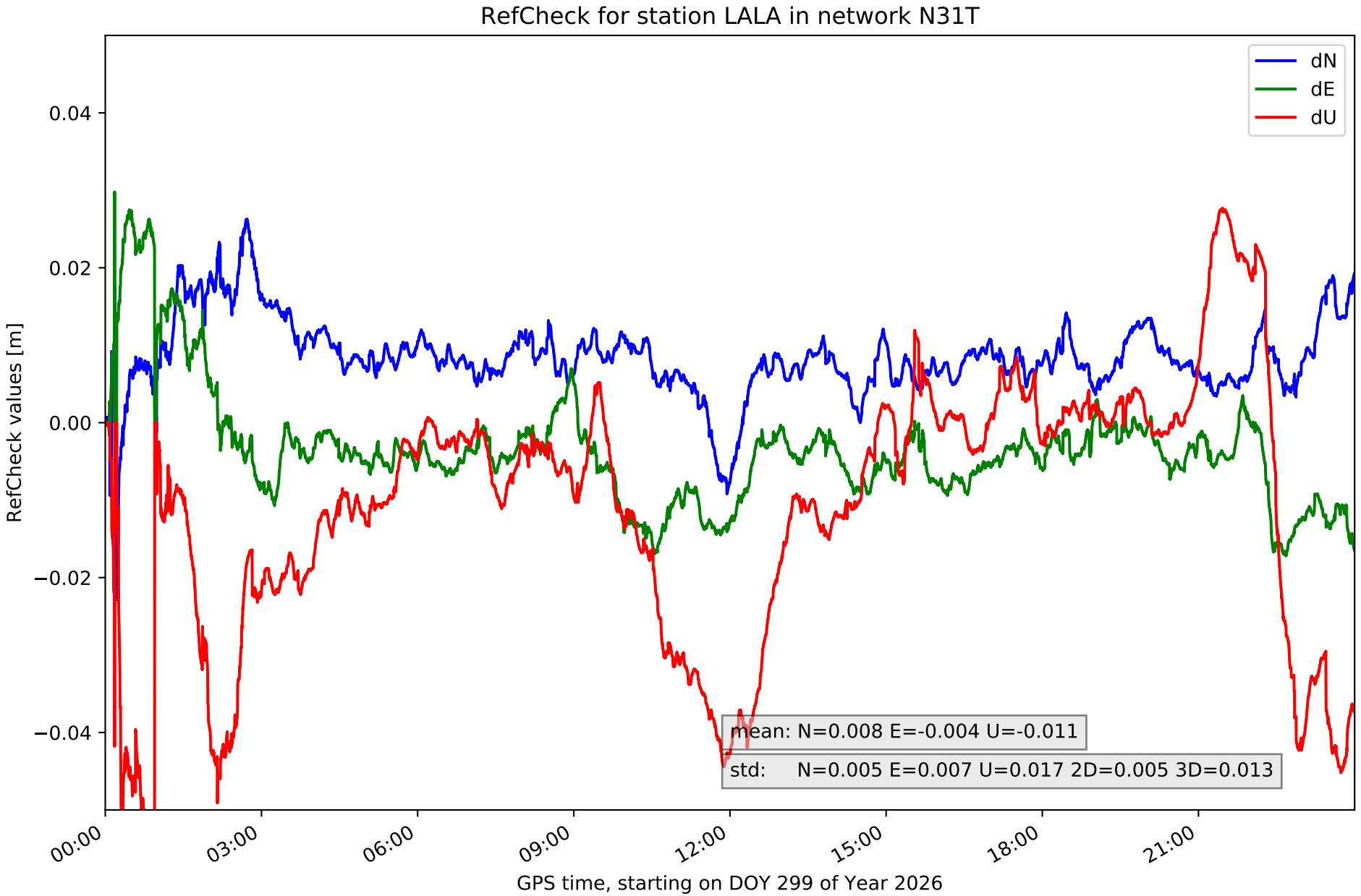

Station LZ02 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

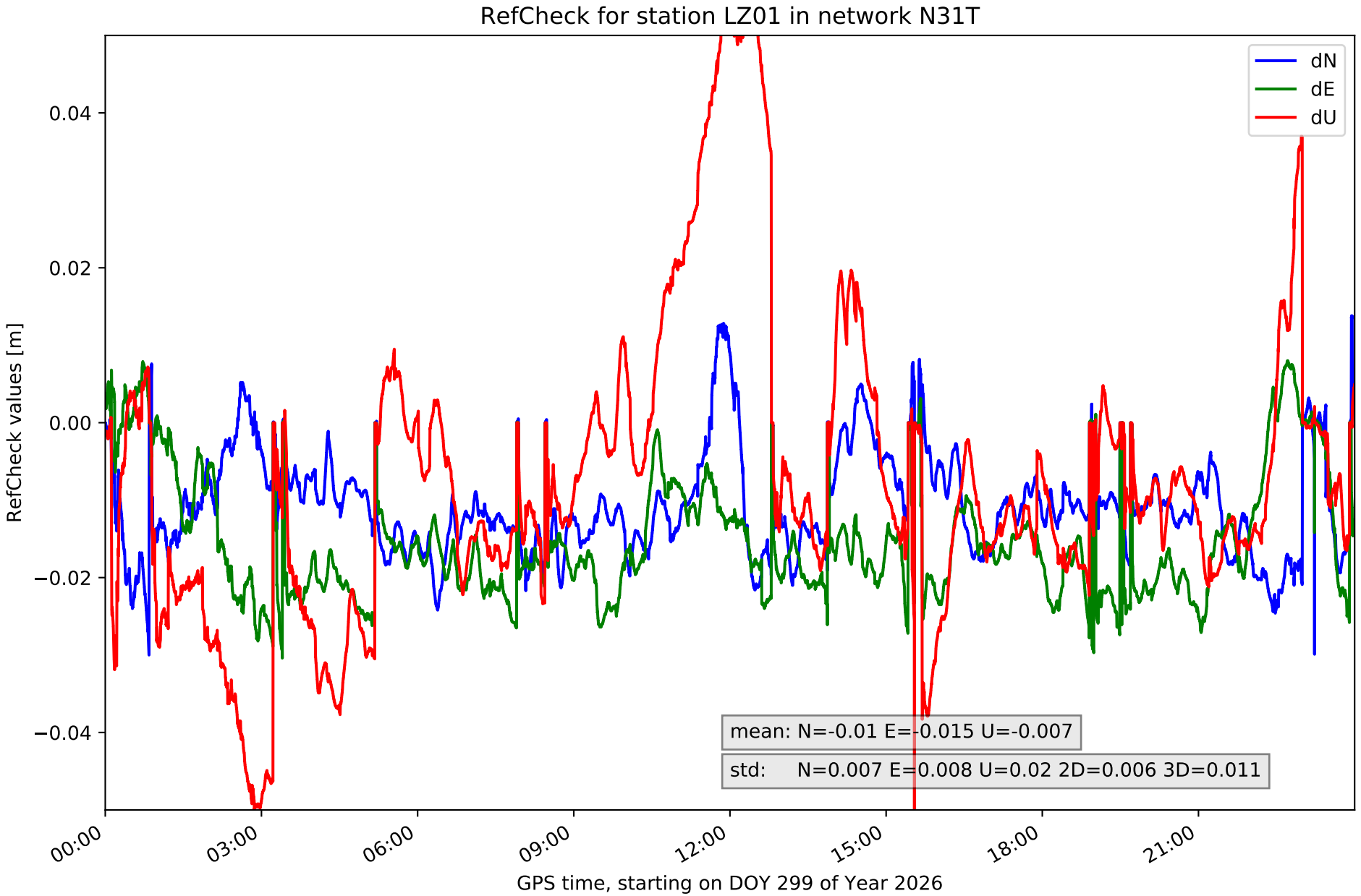

Station LZ03 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

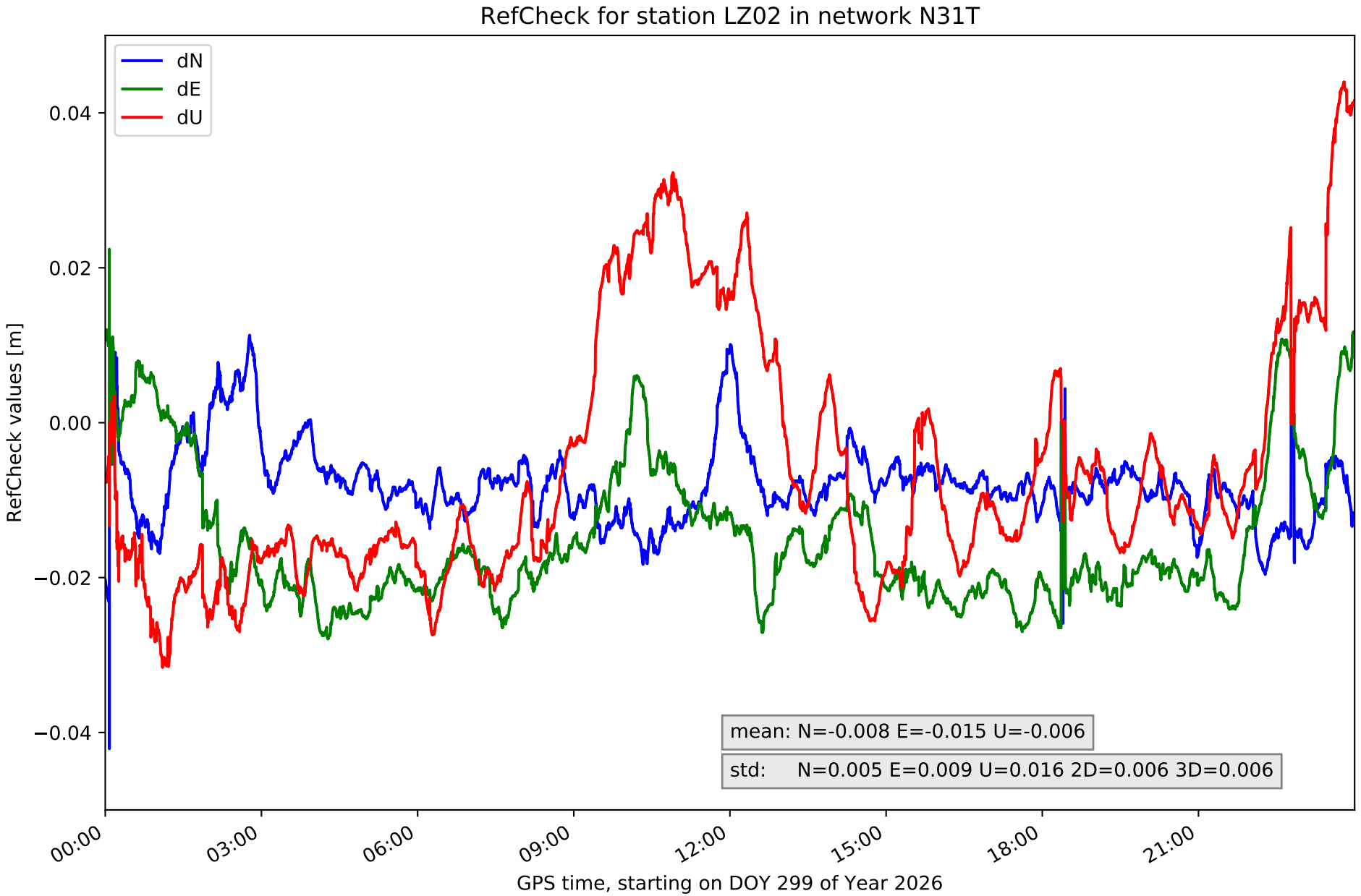

Station MASP in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

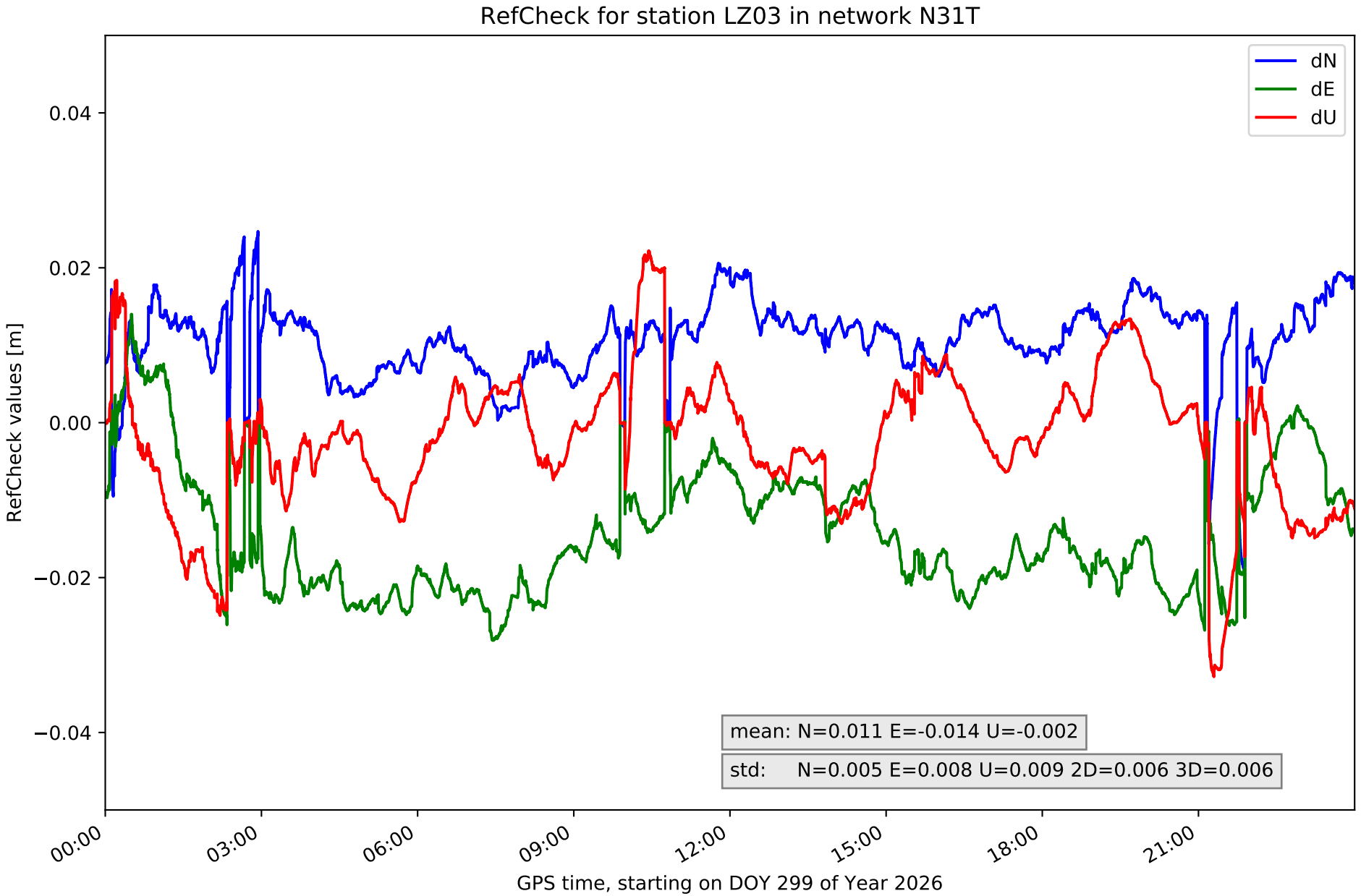

Station ULP2 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

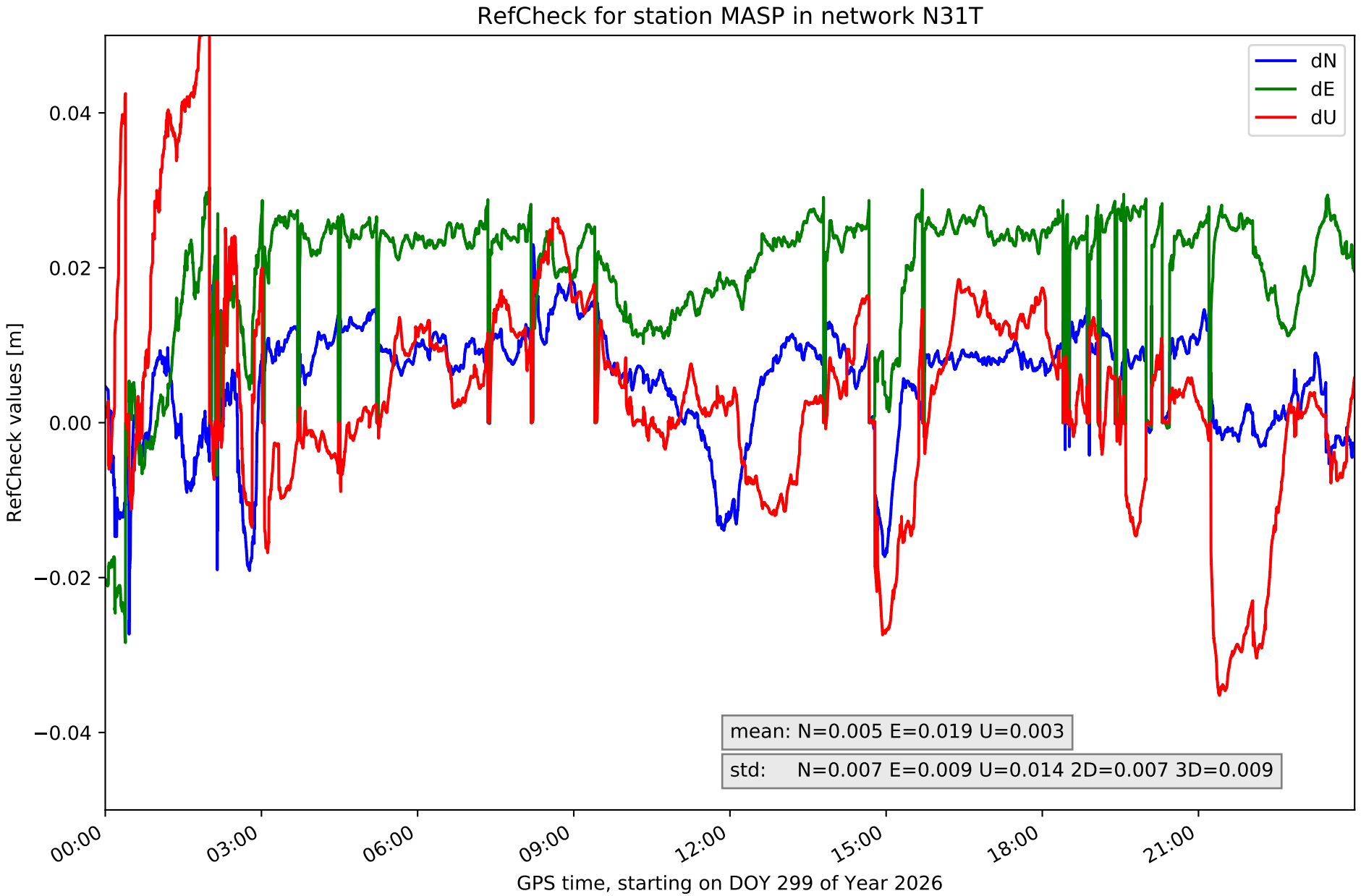

RefCheck for station FUER in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=-0.009 U=-0.013
std: N=0.005 E=0.007 U=0.015 2D=0.005 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

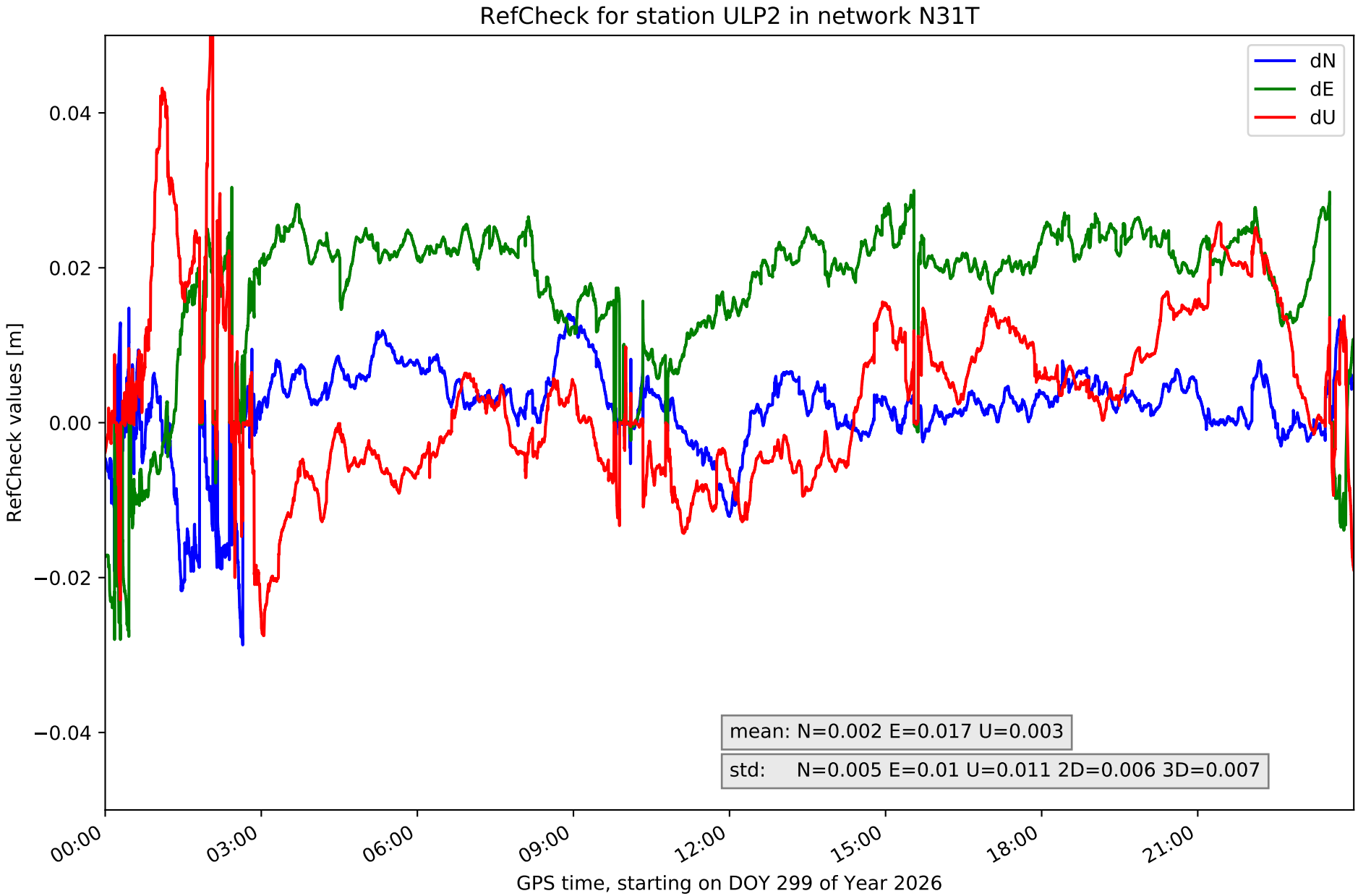

RefCheck for station LALA in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=-0.004 U=-0.011
std: N=0.005 E=0.007 U=0.017 2D=0.005 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026


RefCheck for station LZ01 in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.01 E=-0.015 U=-0.007
std: N=0.007 E=0.008 U=0.02 2D=0.006 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026


RefCheck for station LZ02 in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.015 U=-0.006
std: N=0.005 E=0.009 U=0.016 2D=0.006 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026


RefCheck for station LZ03 in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.011 E=-0.014 U=-0.002
std: N=0.005 E=0.008 U=0.009 2D=0.006 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026


RefCheck for station MASP in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=0.019 U=0.003
std: N=0.007 E=0.009 U=0.014 2D=0.007 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026


RefCheck for station ULP2 in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.017 U=0.003
std: N=0.005 E=0.01 U=0.011 2D=0.006 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 299 of Year 2026

RefCheck values for network N31T

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
FUER	-0.017	**0.033**	0.005	-0.025	0.019	0.007	-0.053	0.01	0.015	0.005	0.012	49776	61.9	27900	34.7
LALA	-0.023	0.026	0.005	-0.017	**0.03**	0.007	-0.06	0.028	0.017	0.005	**0.013**	43790	54.5	30086	37.4
LZ01	-0.03	0.014	**0.007**	**-0.03**	0.008	0.008	**-0.067**	0.058	**0.02**	0.006	0.011	74194	92.3	**69356**	**86.3**
LZ02	**-0.042**	0.011	0.005	-0.028	0.022	0.009	-0.032	0.044	0.016	0.006	0.006	75094	93.4	69193	86.1
LZ03	-0.019	0.025	0.005	-0.028	0.014	0.008	-0.033	0.022	0.009	0.006	0.006	**77081**	**95.9**	50048	62.3
MASP	-0.027	0.023	**0.007**	-0.028	**0.03**	0.009	-0.035	0.056	0.014	**0.007**	0.009	73376	91.3	64435	80.2
ULP2	-0.029	0.015	0.005	-0.028	**0.03**	**0.01**	-0.028	**0.06**	0.011	0.006	0.007	72080	89.7	58329	72.6
Mean	**-0.027**	**0.021**	**0.006**	**-0.026**	**0.022**	**0.008**	**-0.044**	**0.04**	**0.015**	**0.006**	**0.009**	**66484.4**	**82.7**	**52763.9**	**65.7**
Min/Max	**-0.042**	**0.033**	**0.007**	**-0.03**	**0.03**	**0.01**	**-0.067**	**0.06**	**0.02**	**0.007**	**0.013**	**77081**	**95.9**	**69356**	**86.3**

fixing statistic for network N31T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	90.5	91.9	86.2	90.9	93.4
considering satellites with dual-frequency fixed	86.8	87.8	81.8	87.8	90.4
considering all signals separately	87.2	88.1	81.8	88.2	90.4