summary for network N31T

timeperiod chosen: from 2026-02-19-00:00:00 until 2026-02-19-23:59:59

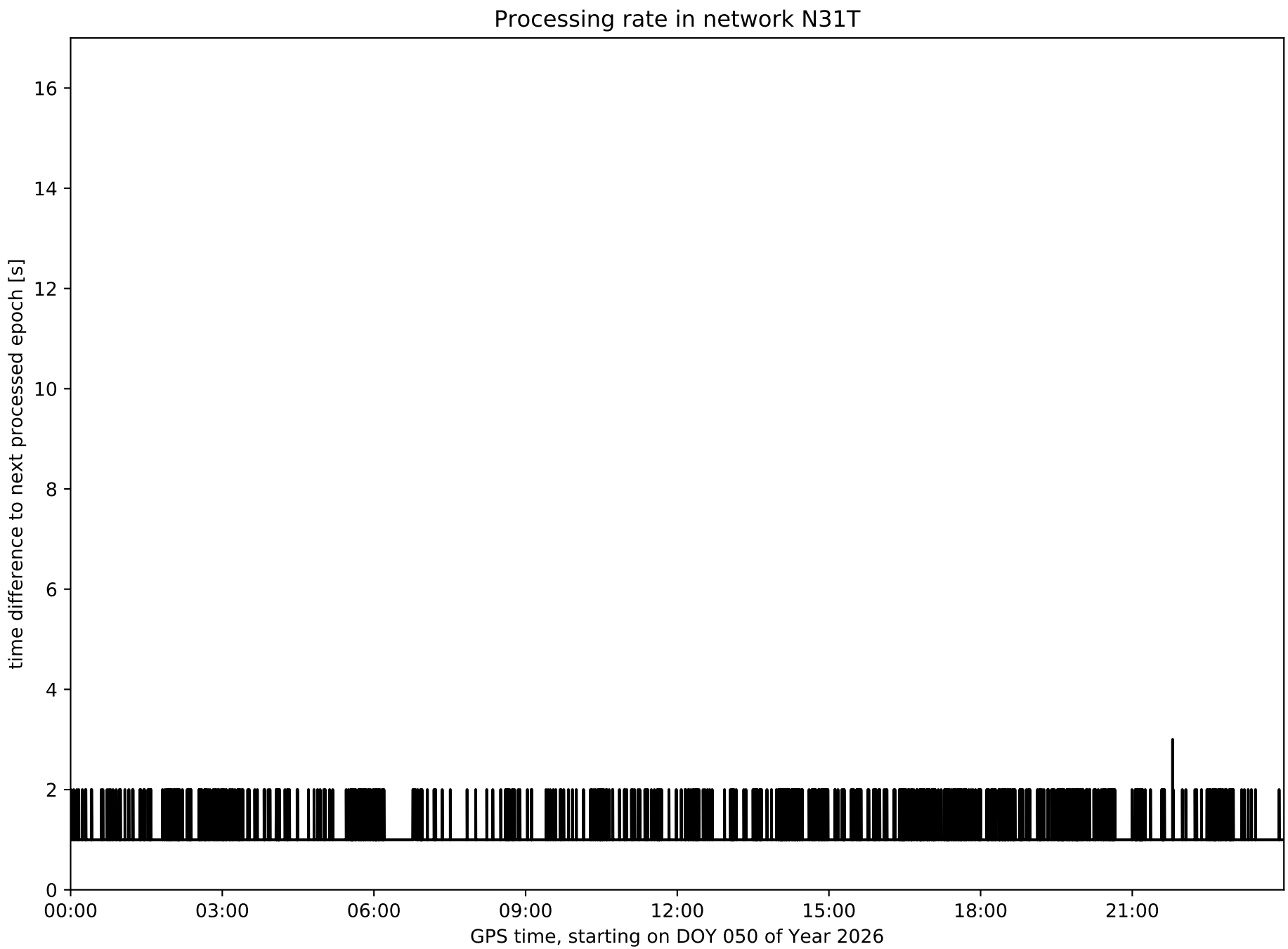
average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

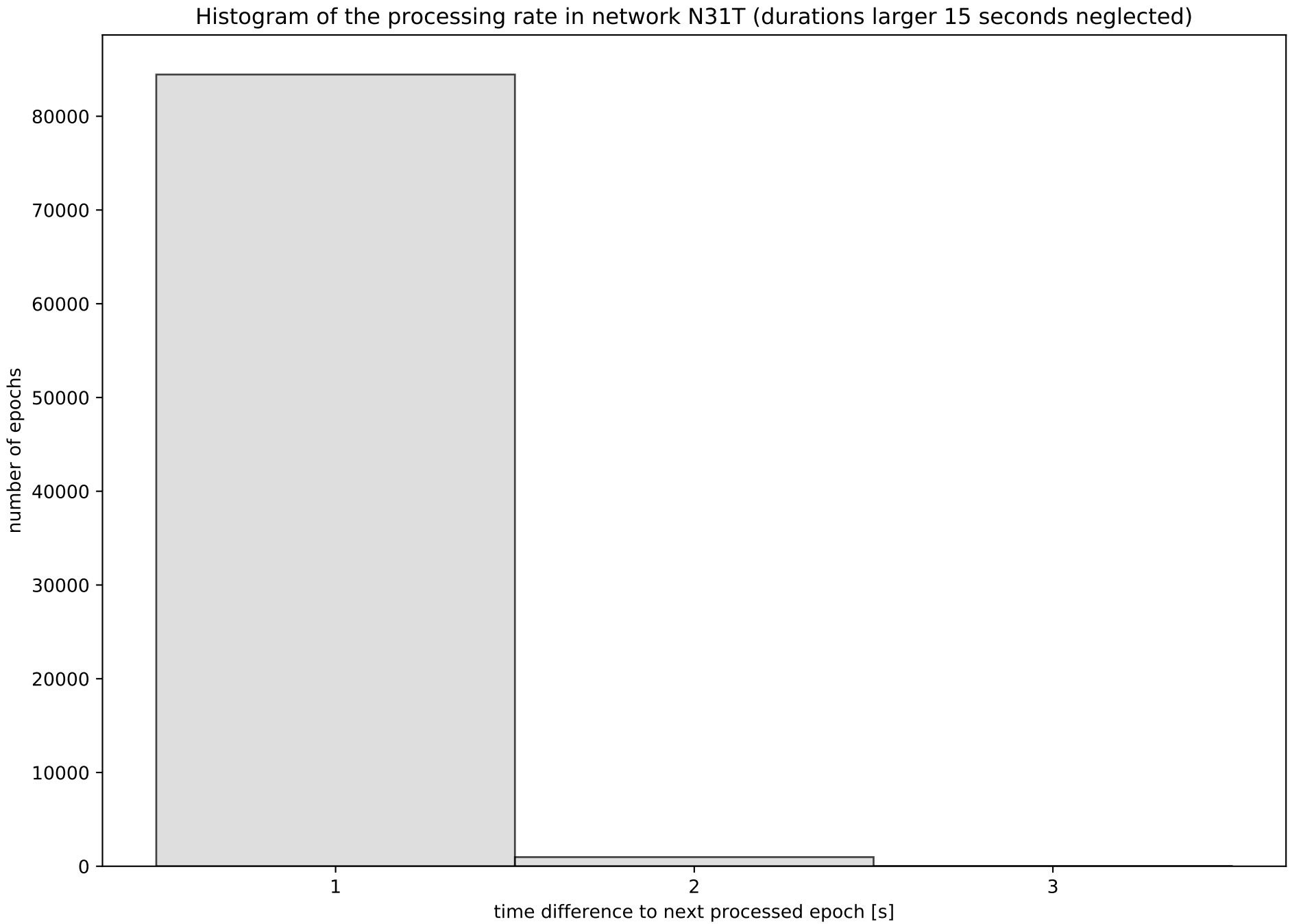
average fixing percentage with threshold set to 0.3: 84.6 percent

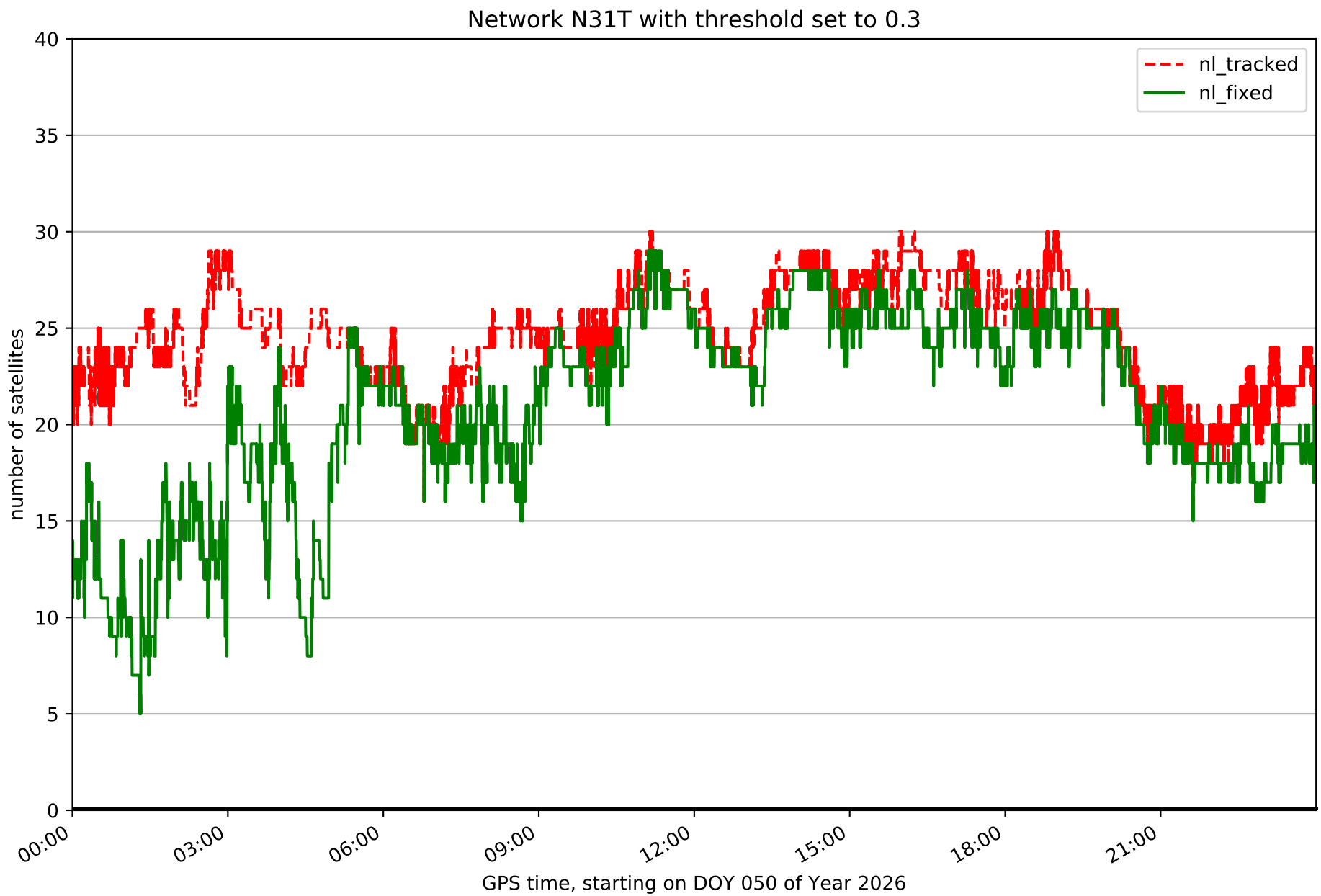
stations available: 7 of 7

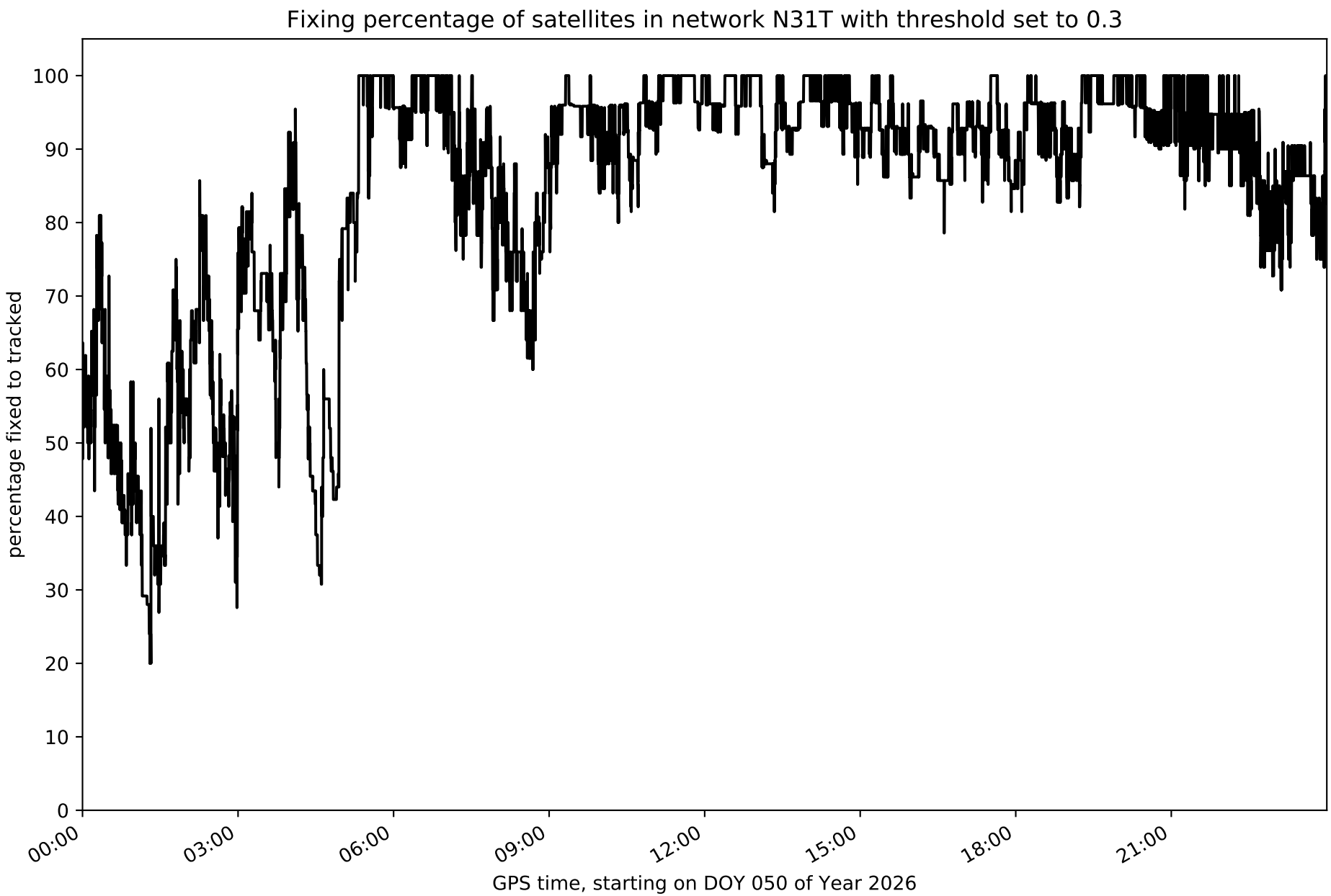
station information:

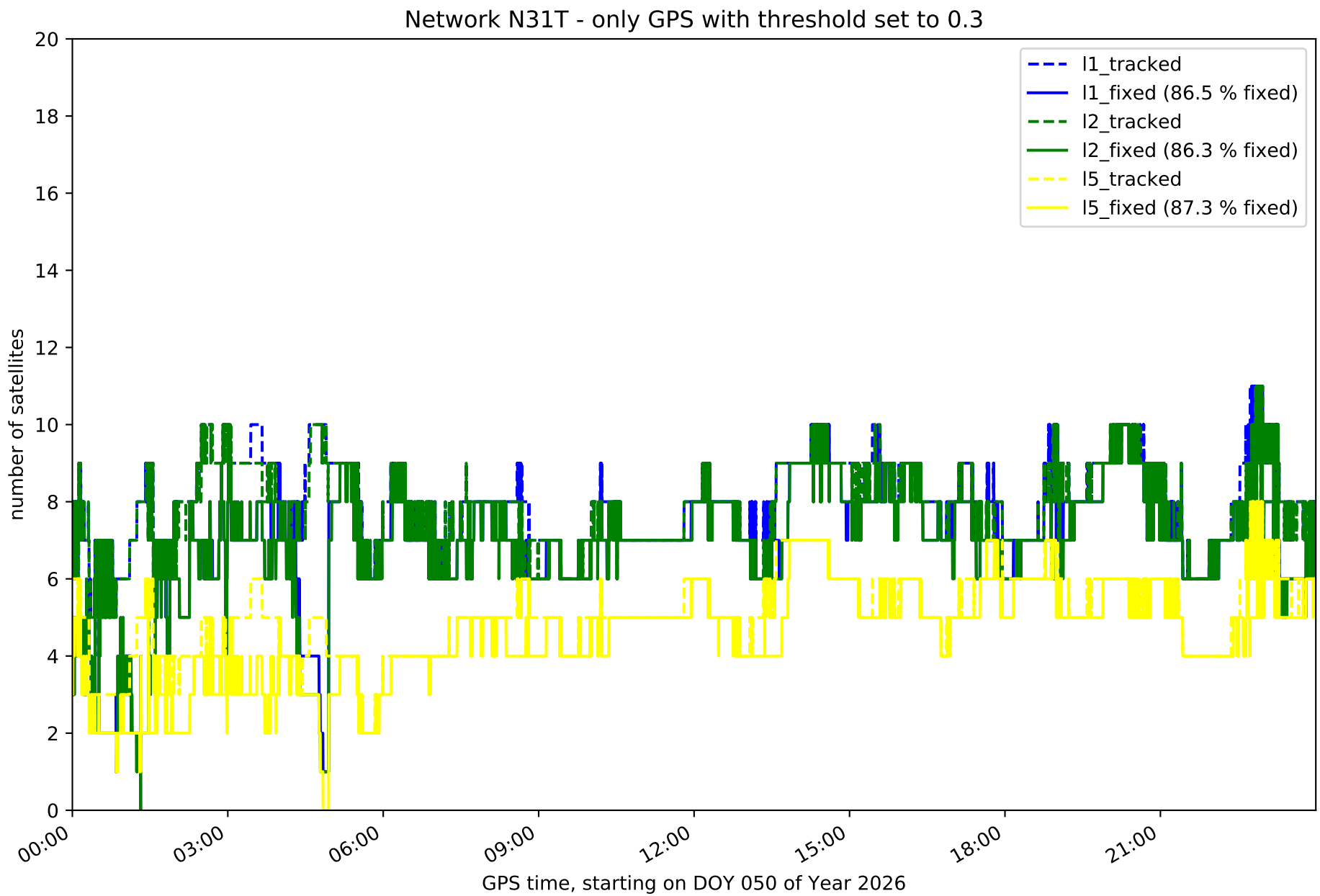
station FUER:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00	NONE	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20	NONE	receiver: LEICA GR25	height: 58.039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

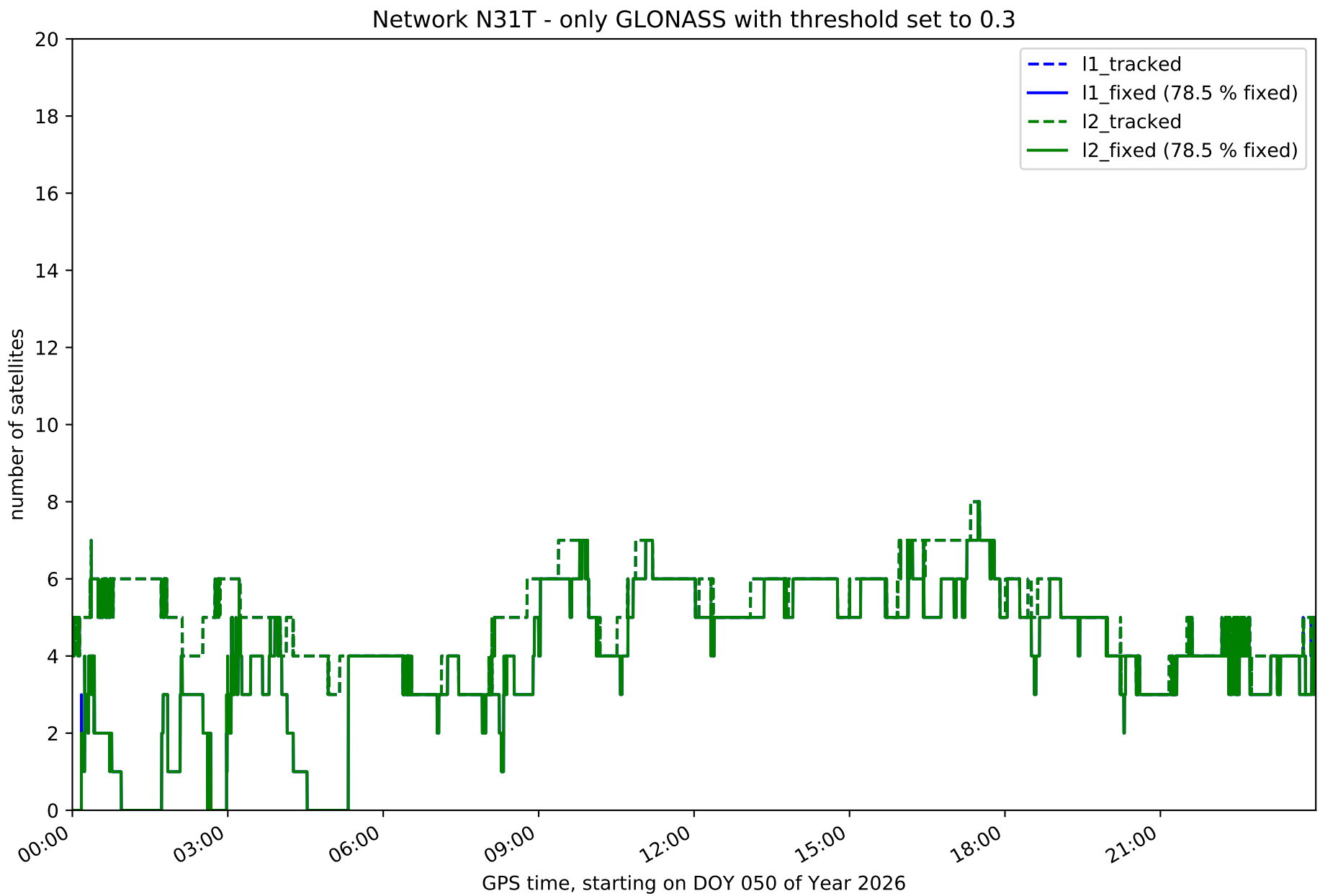

Processing rate in network N31T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

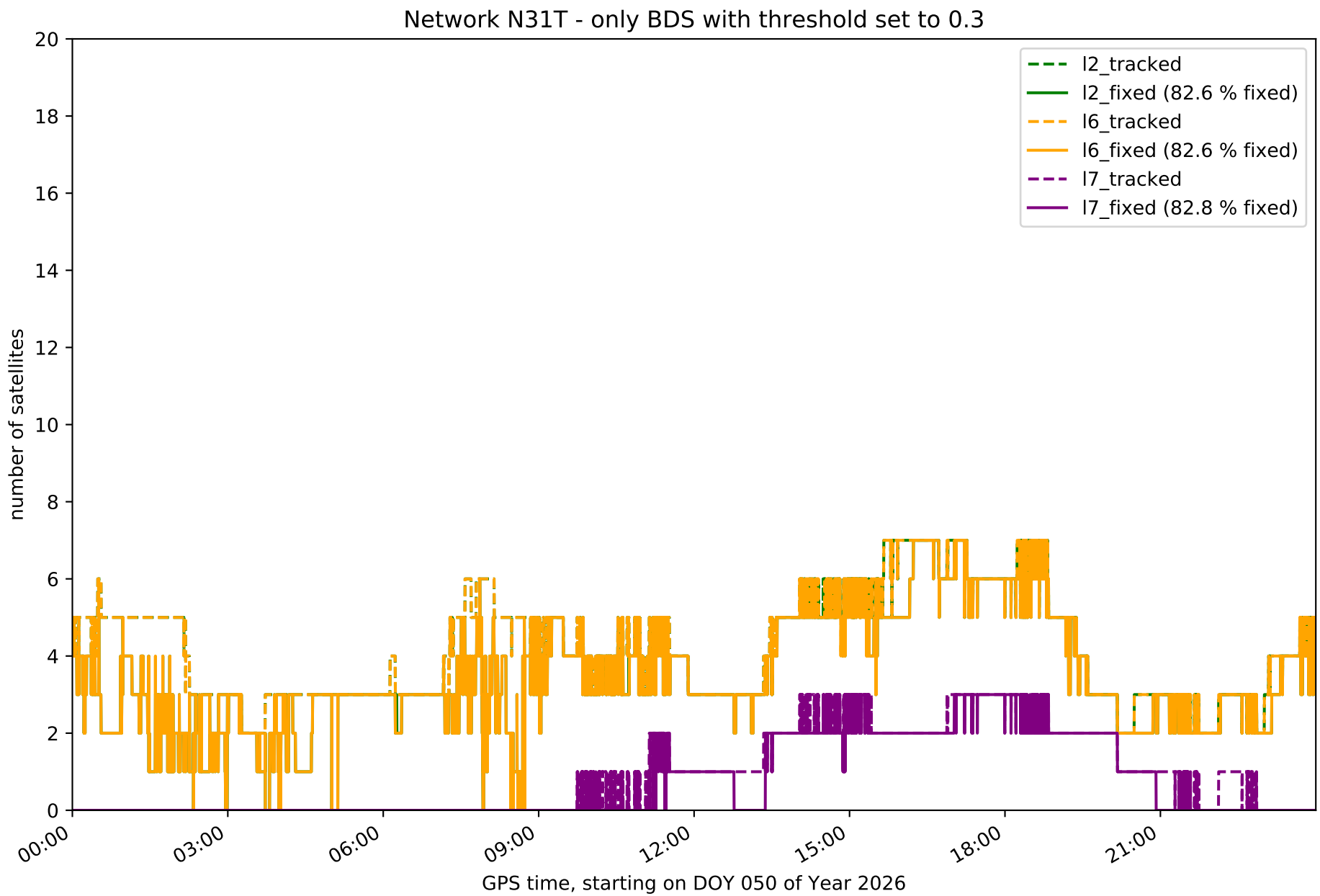

Histogram of the processing rate in network N31T (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
80000
1
2
3
time difference to next processed epoch [s]

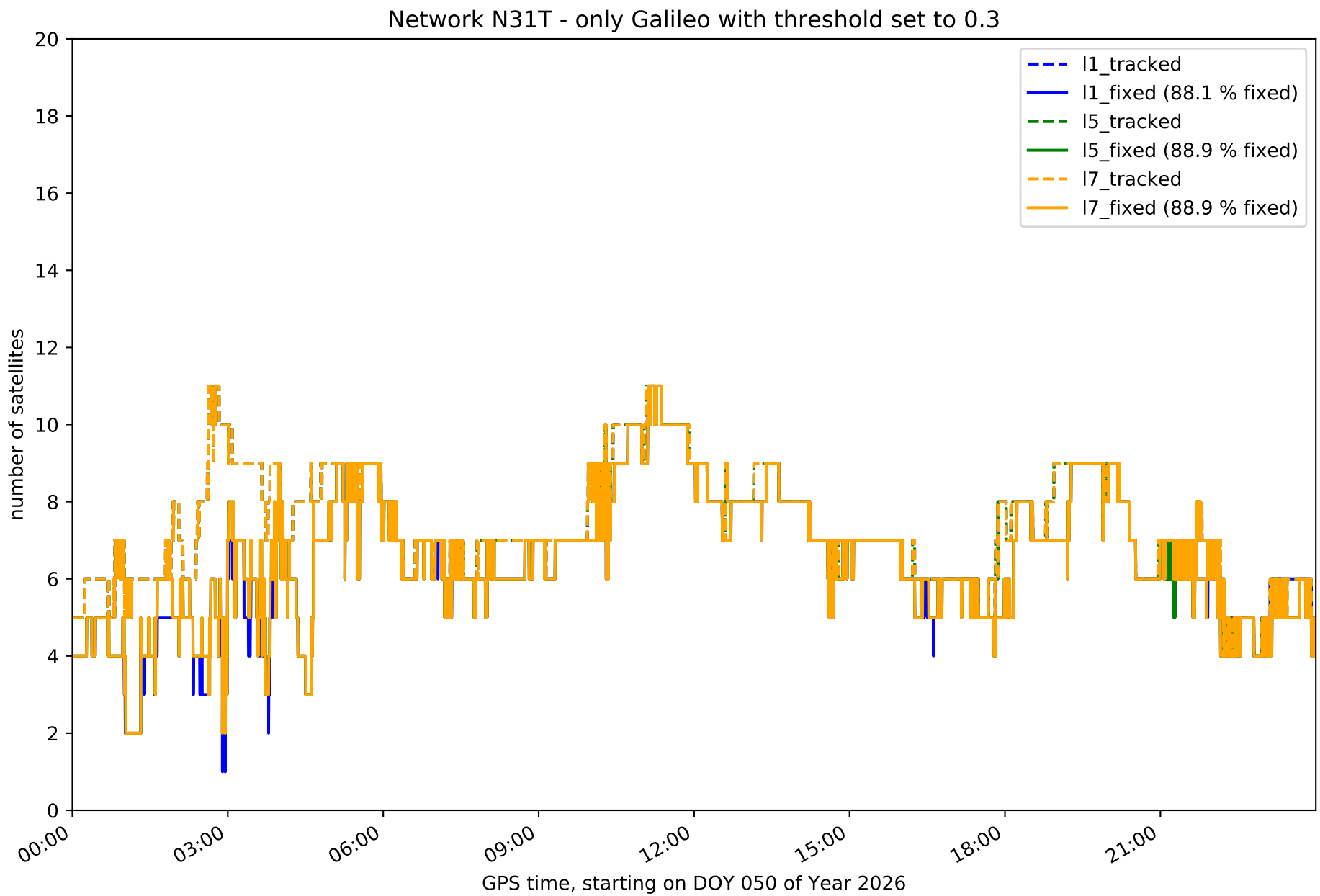

Network N31T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

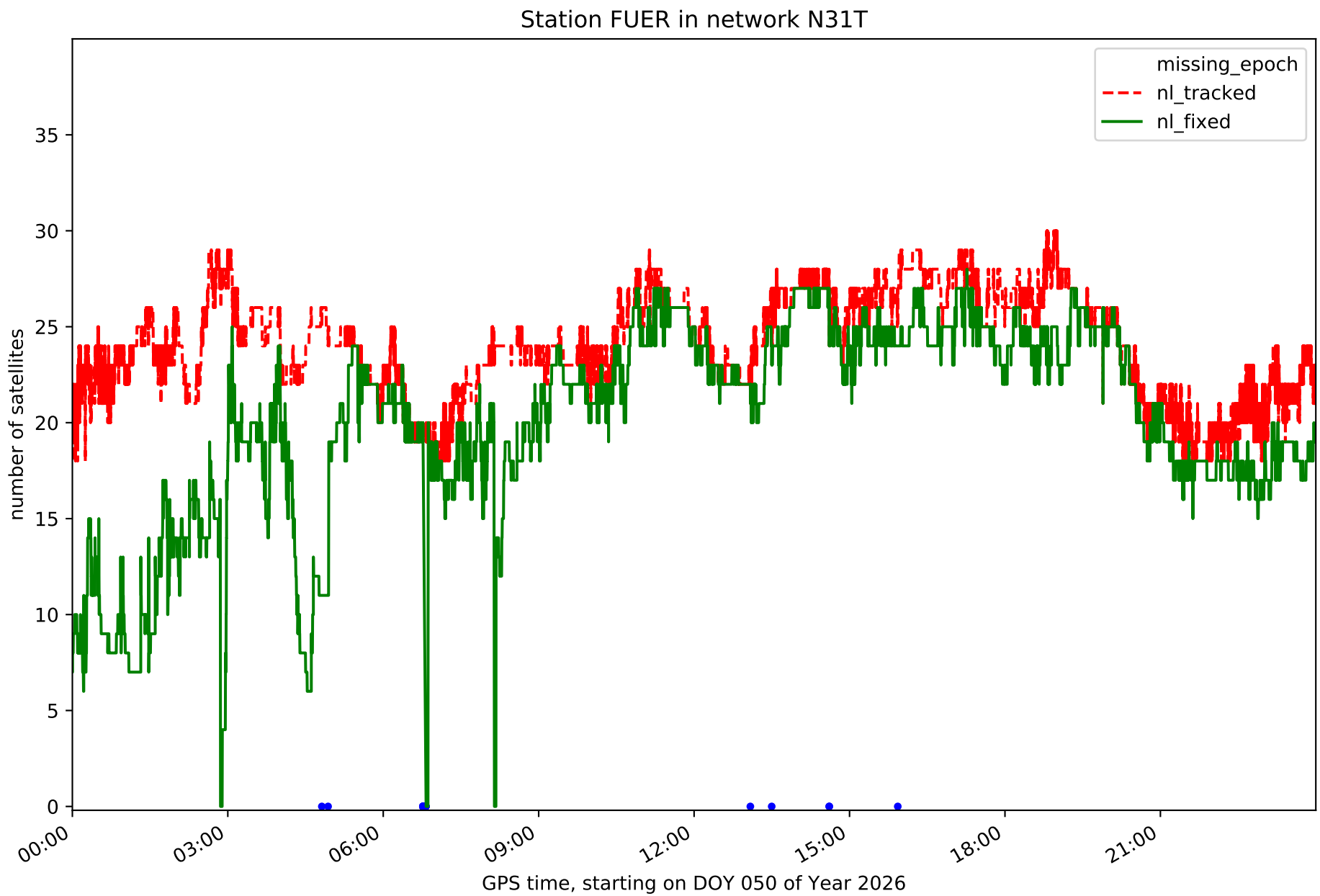

Fixing percentage of satellites in network N31T with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

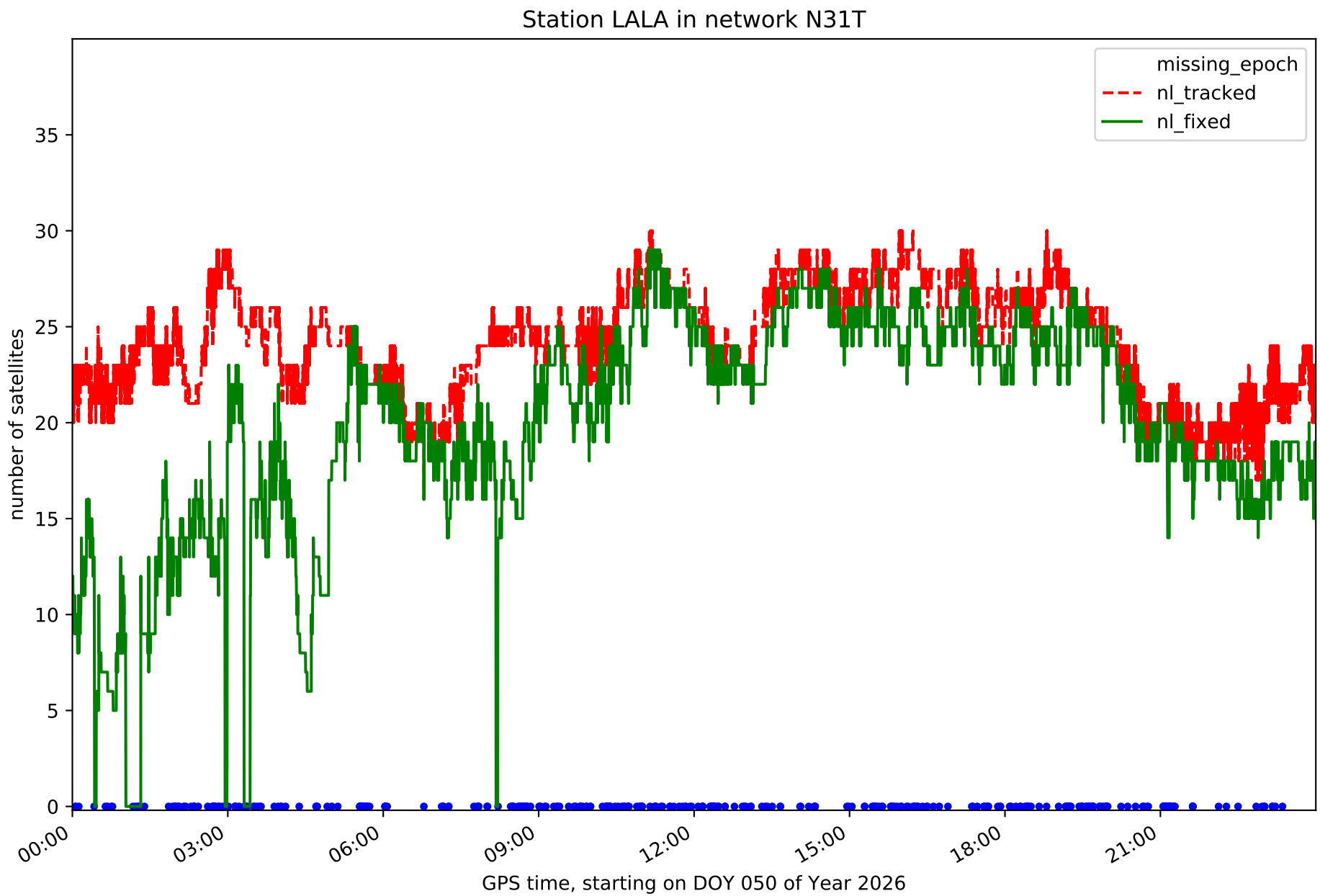

Network N31T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (86.5 % fixed)
l2_tracked
l2_fixed (86.3 % fixed)
l5_tracked
l5_fixed (87.3 % fixed)

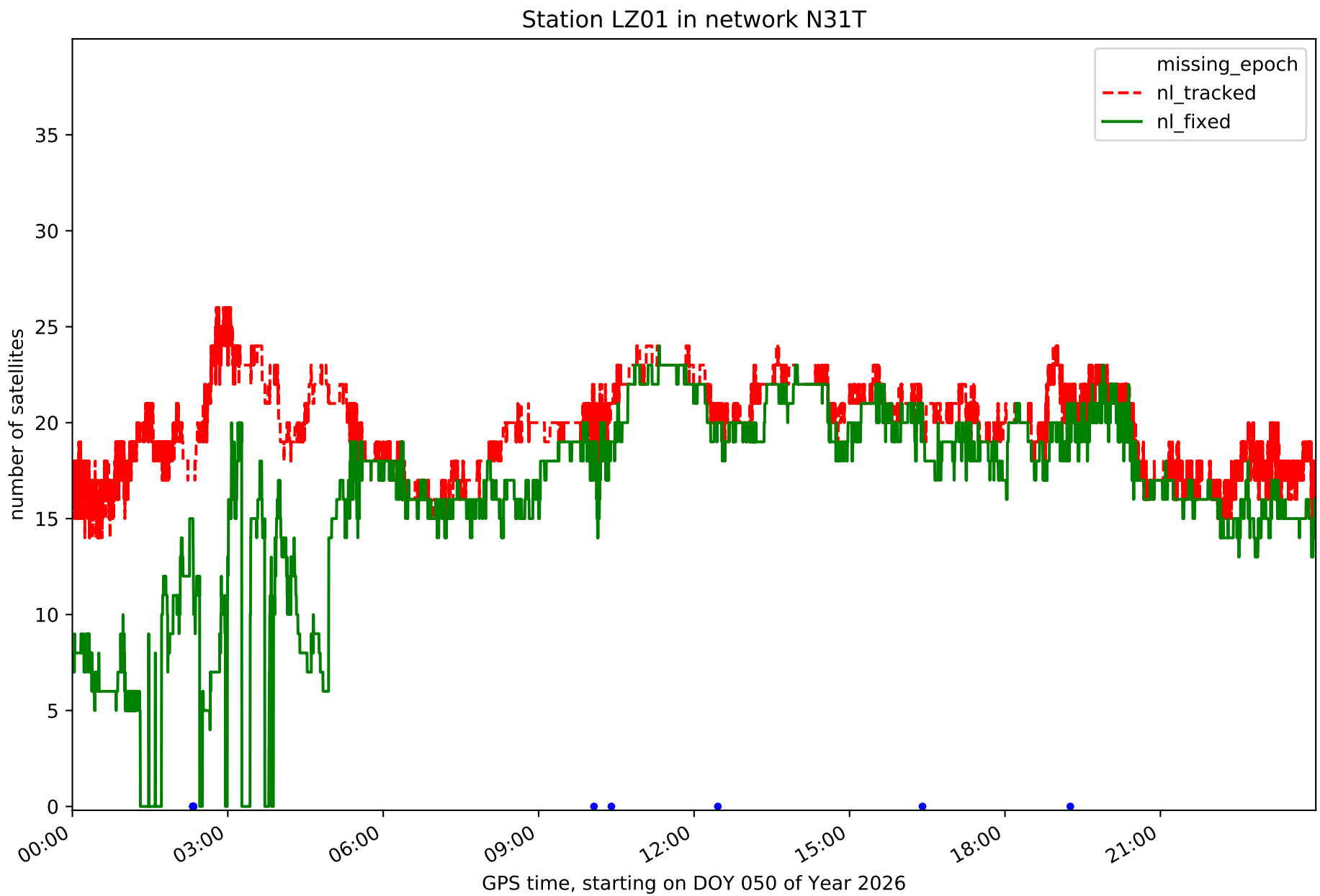

Network N31T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (78.5 % fixed)
l2_tracked
l2_fixed (78.5 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

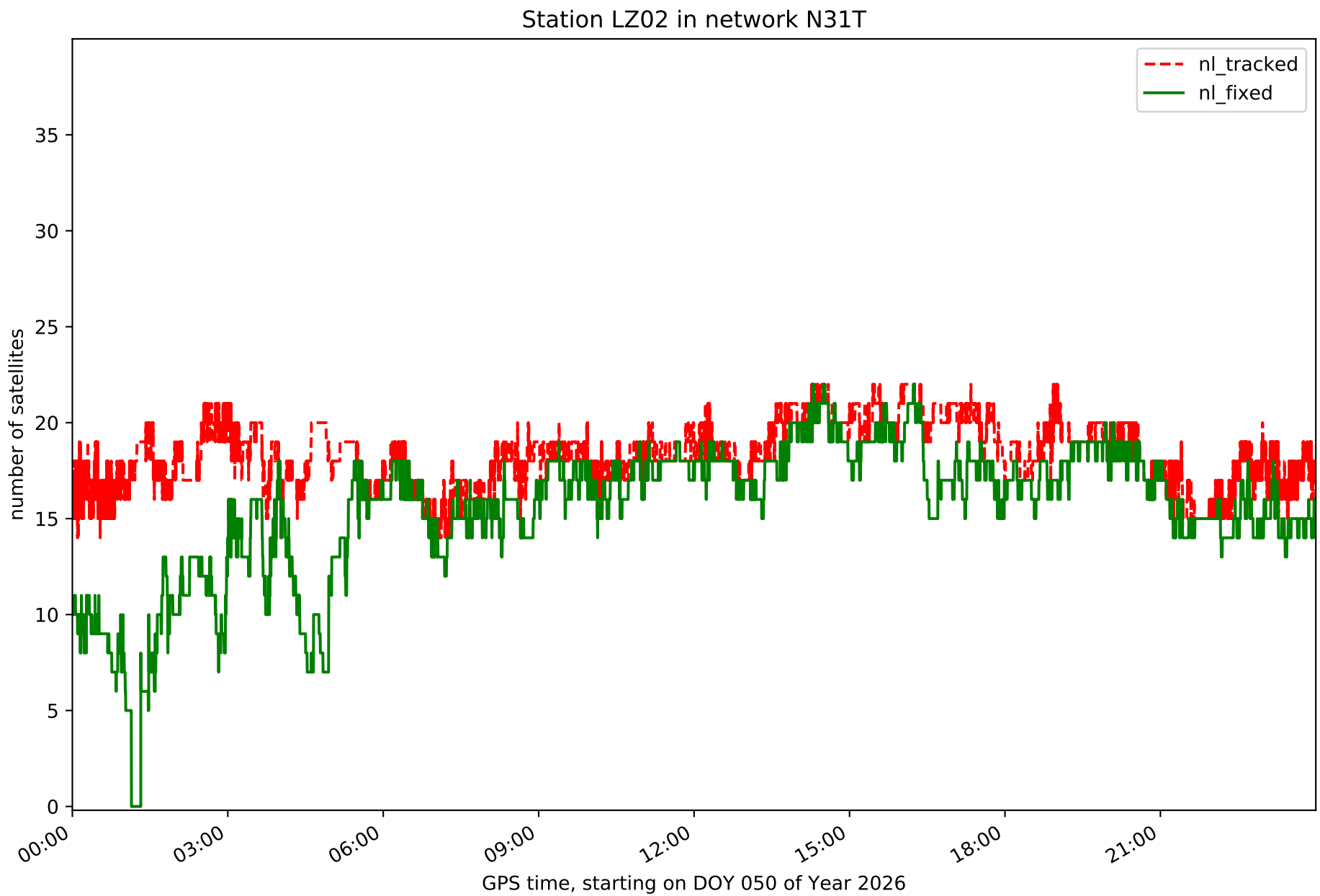

Network N31T - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (82.6 % fixed)
l6_tracked
l6_fixed (82.6 % fixed)
l7_tracked
l7_fixed (82.8 % fixed)

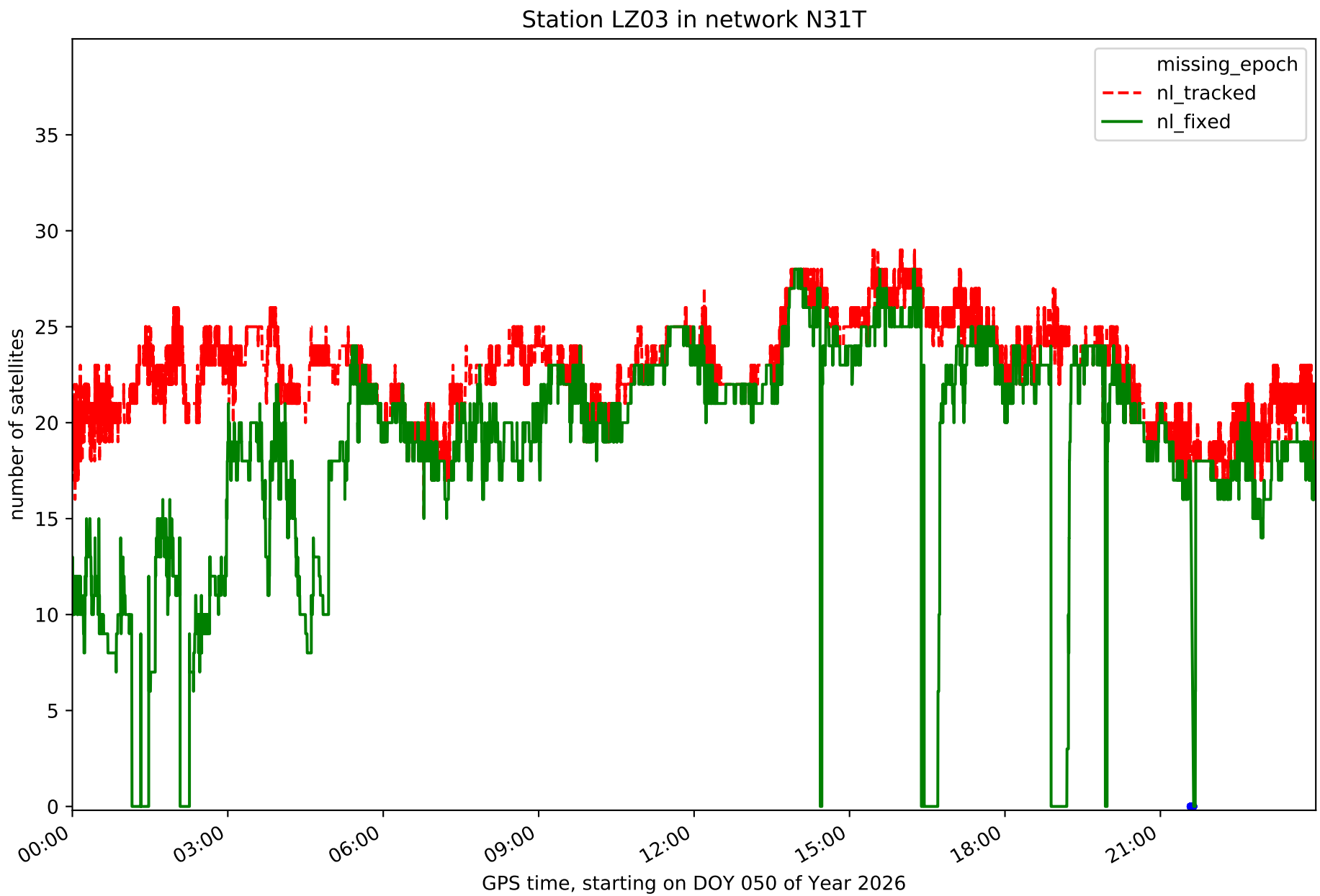

Network N31T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (88.1 % fixed)
l5_tracked
l5_fixed (88.9 % fixed)
l7_tracked
l7_fixed (88.9 % fixed)

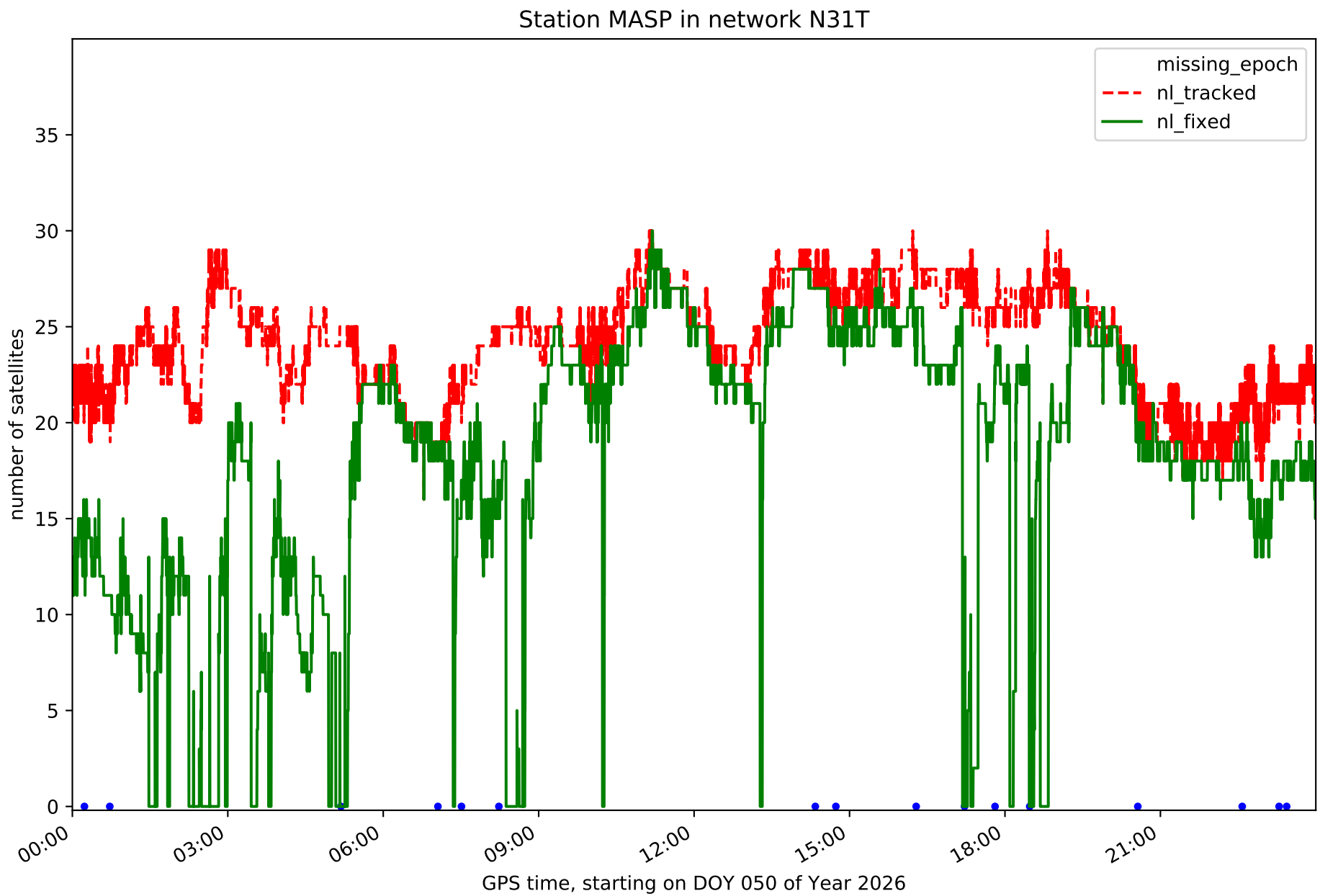

Station FUER in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

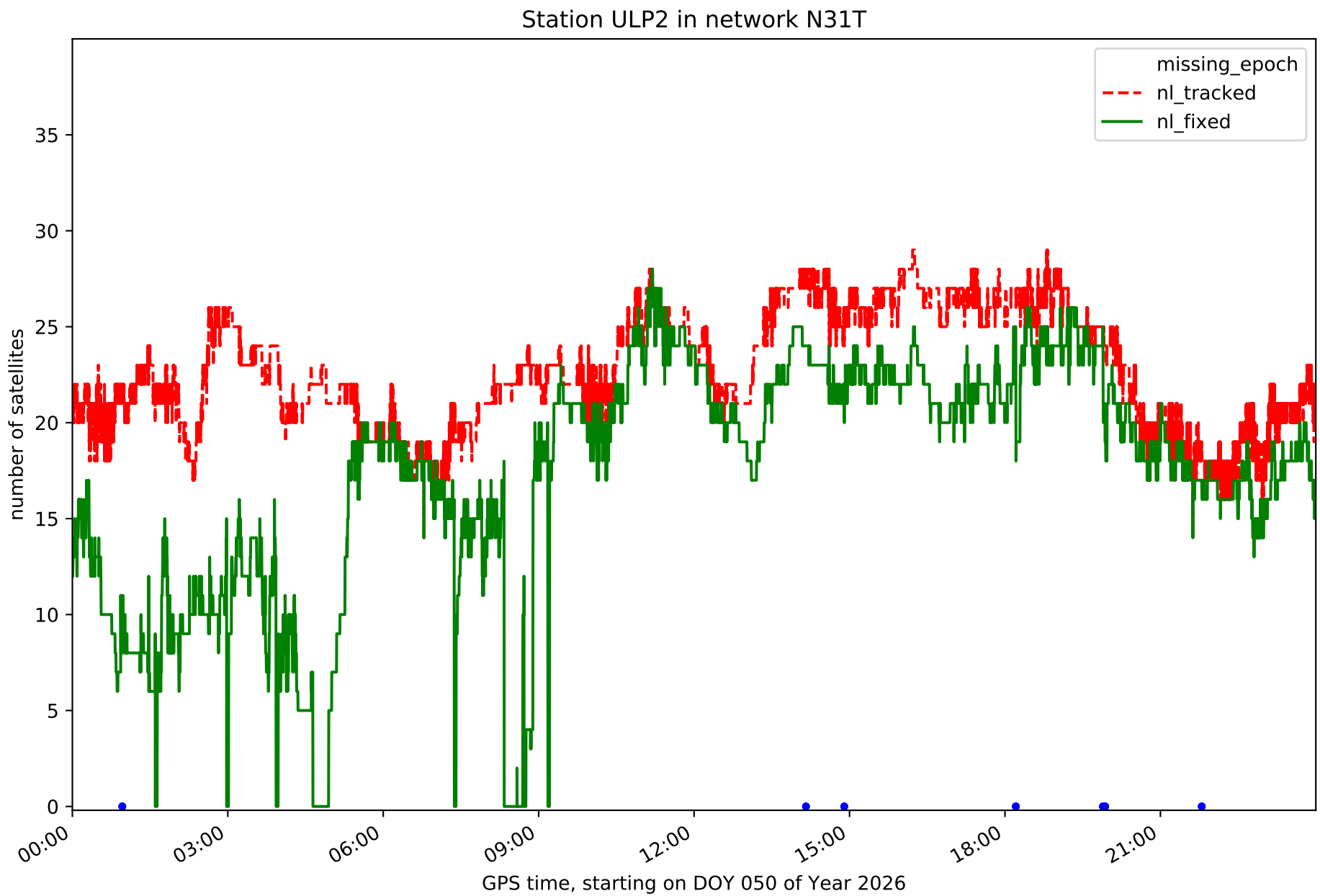

Station LALA in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

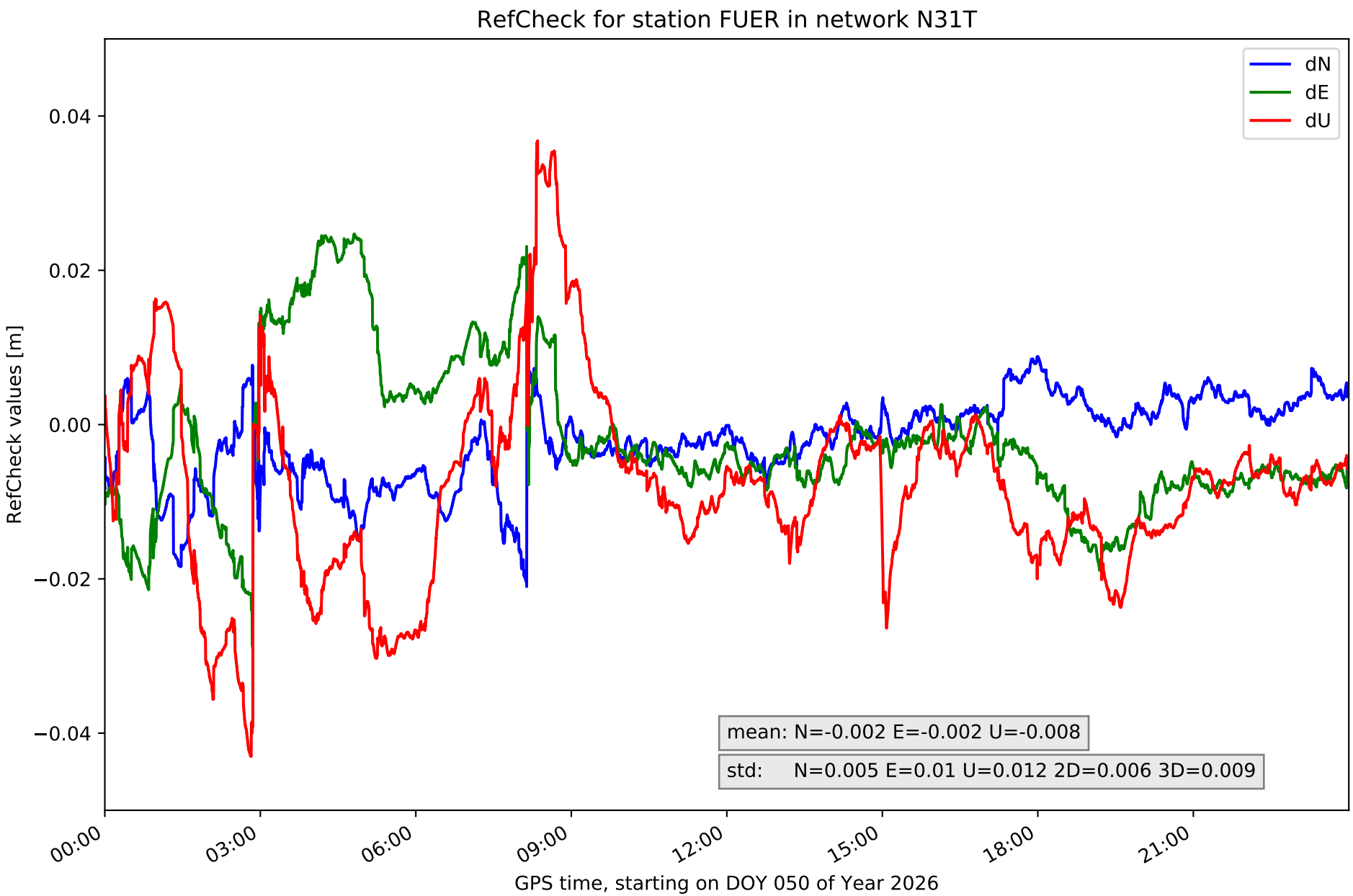

Station LZ01 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

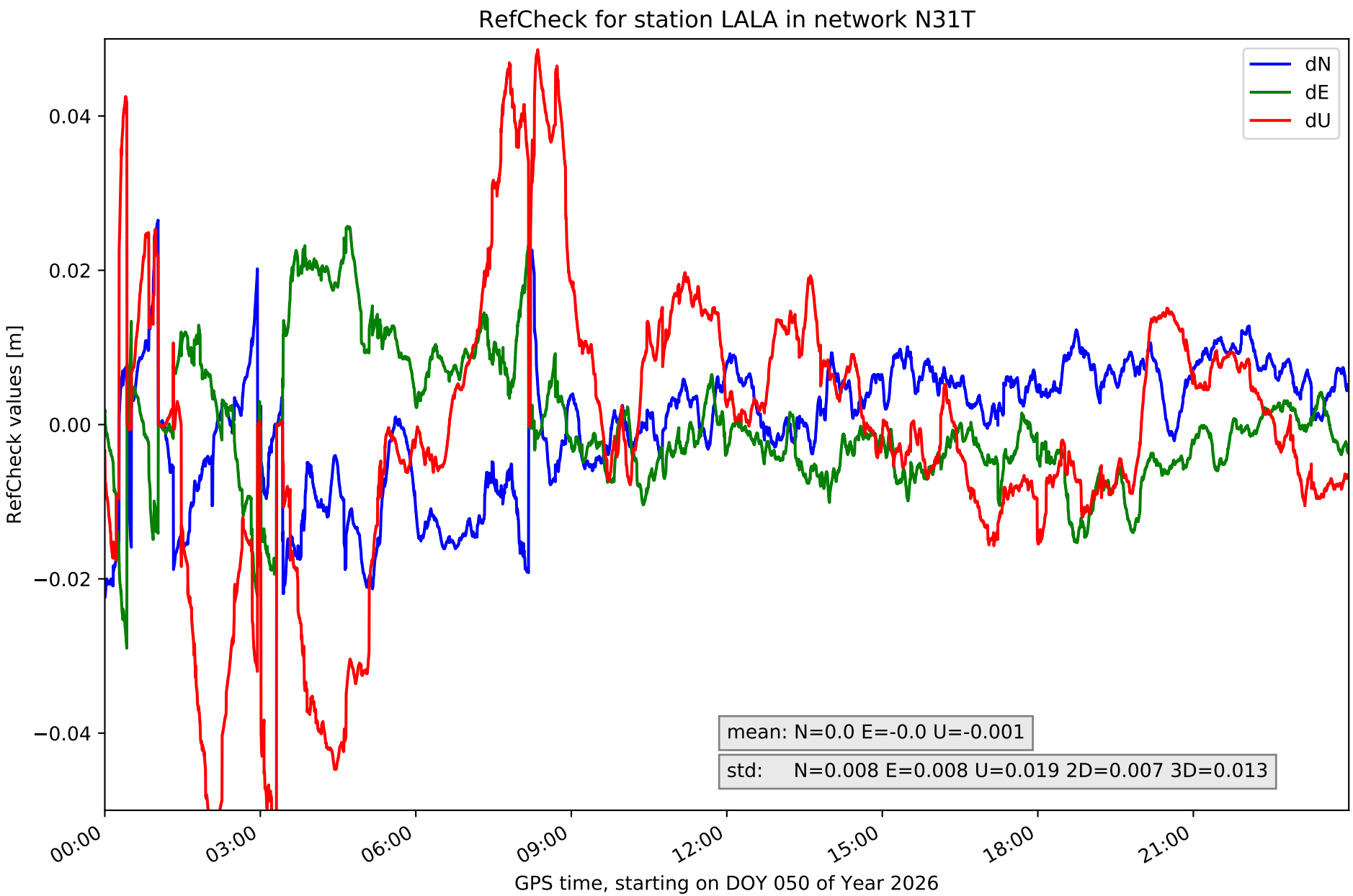

Station LZ02 in network N31T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

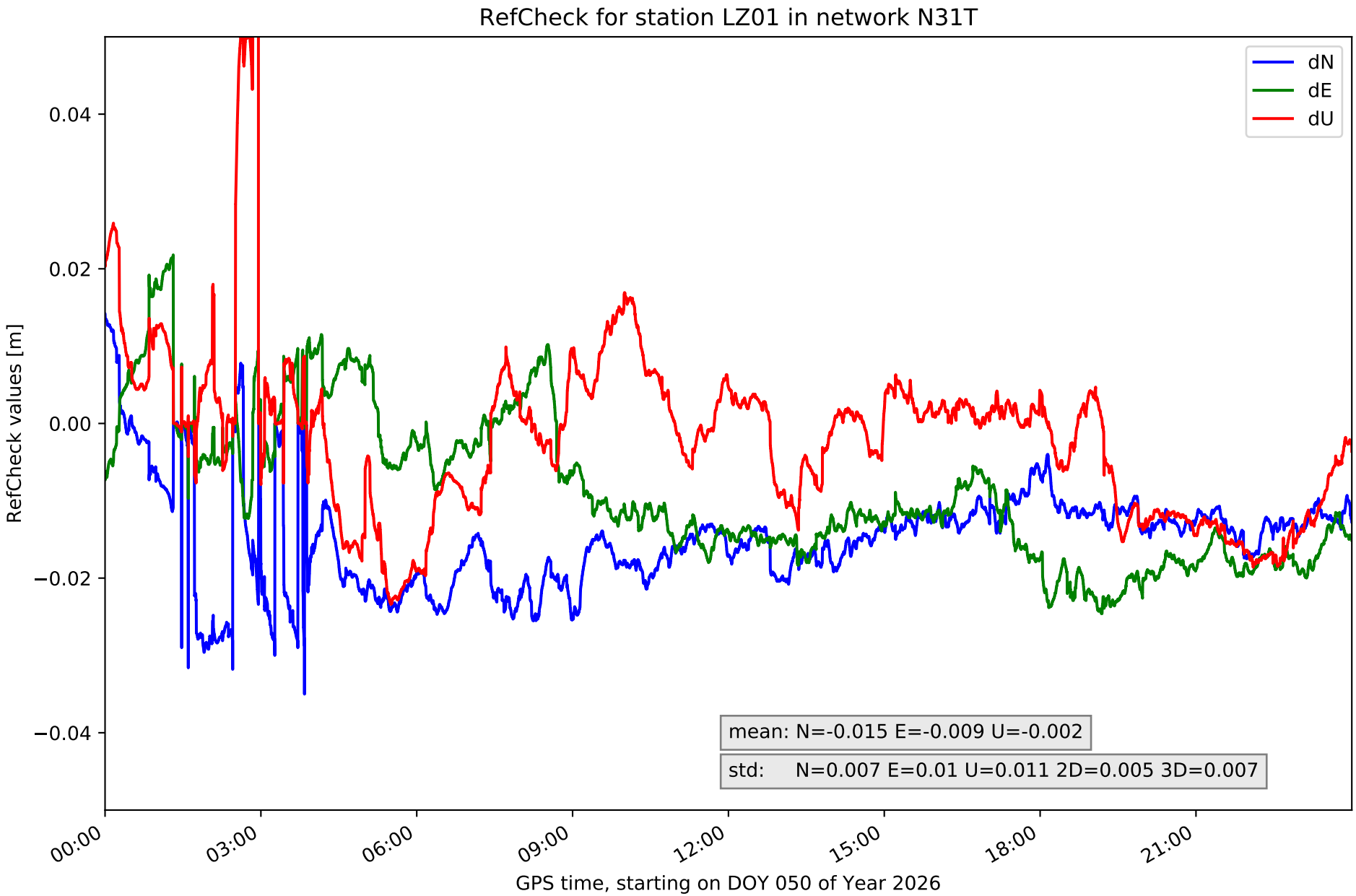

Station LZ03 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

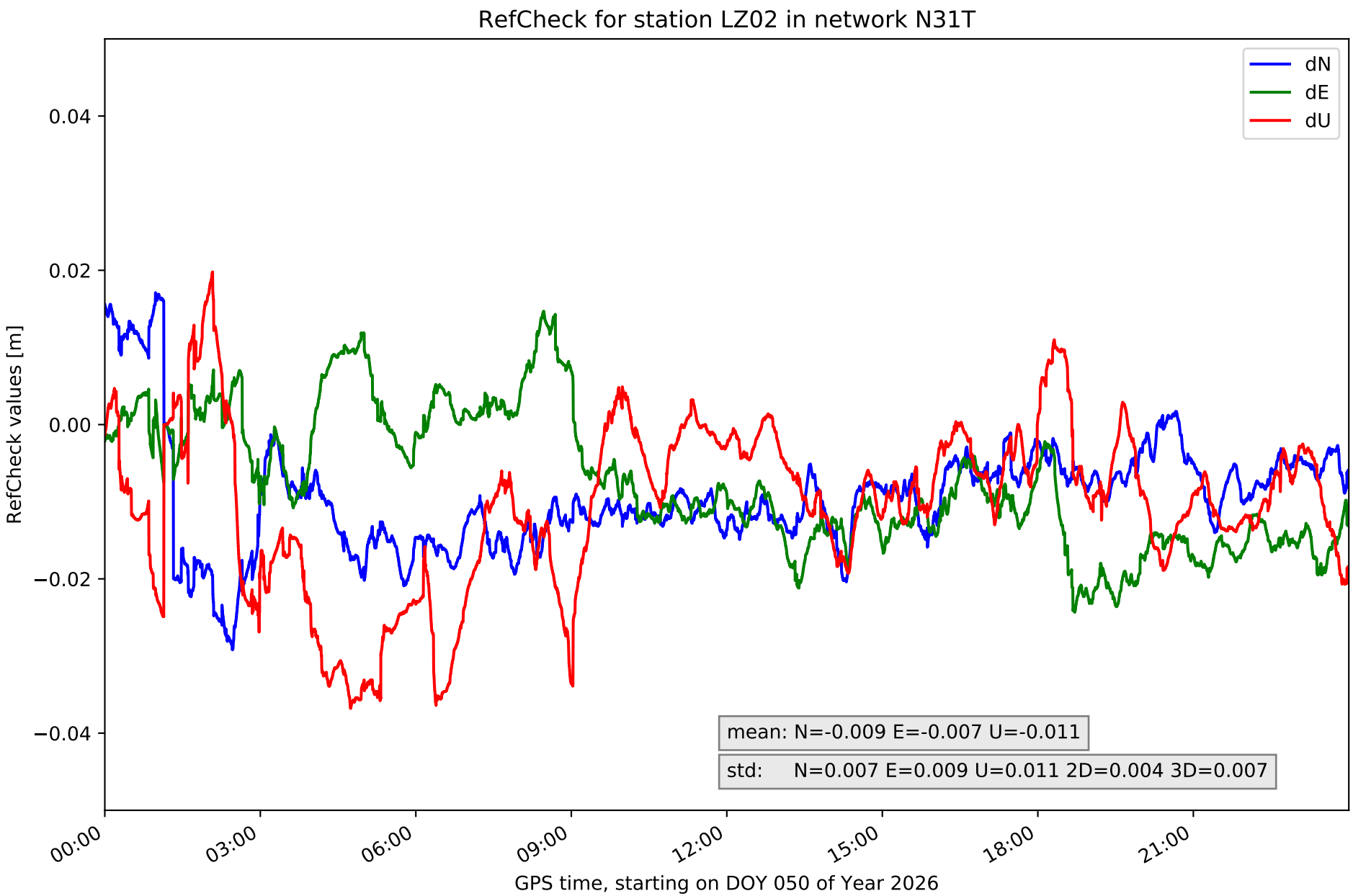

Station MASP in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

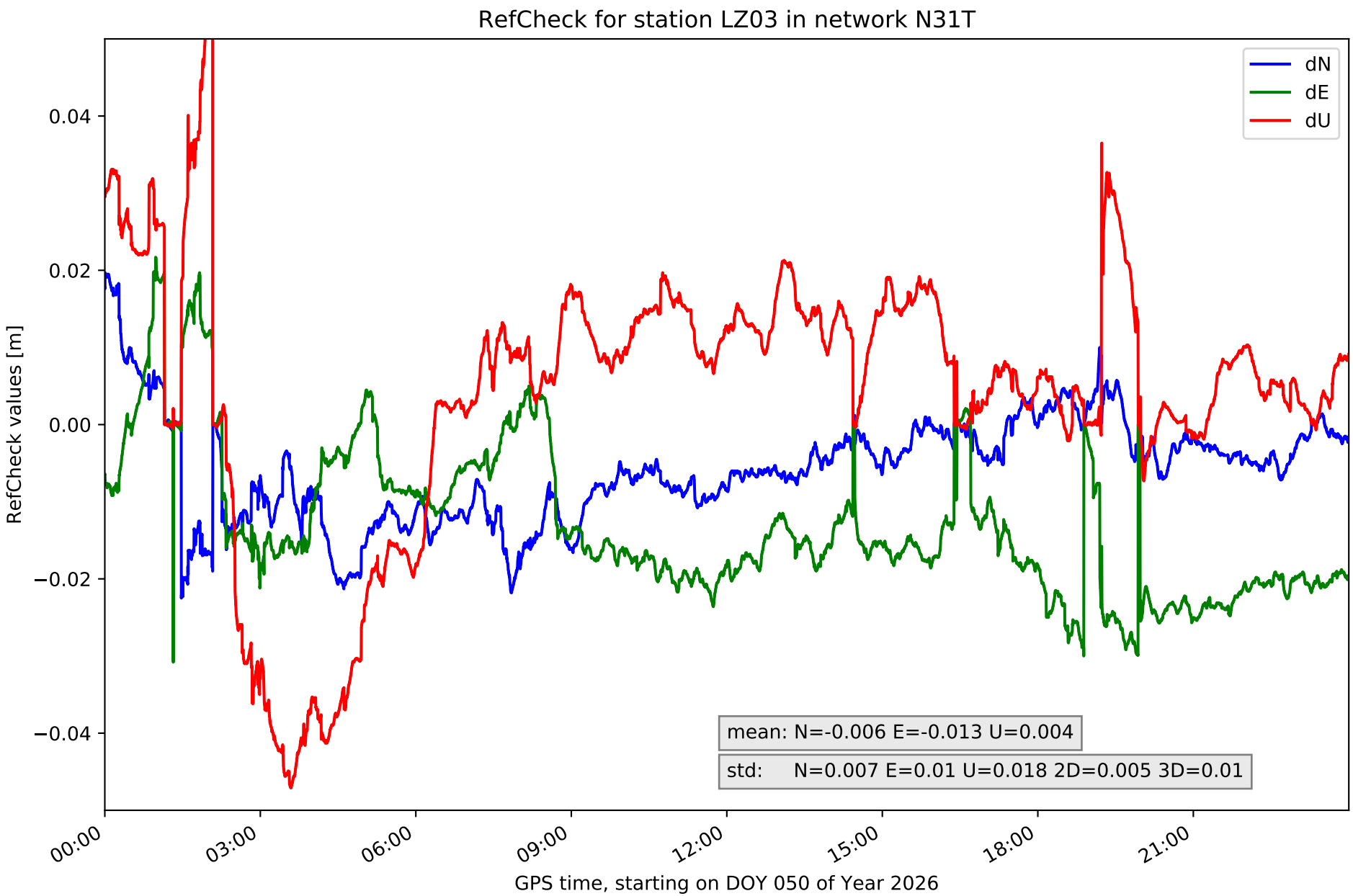

Station ULP2 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

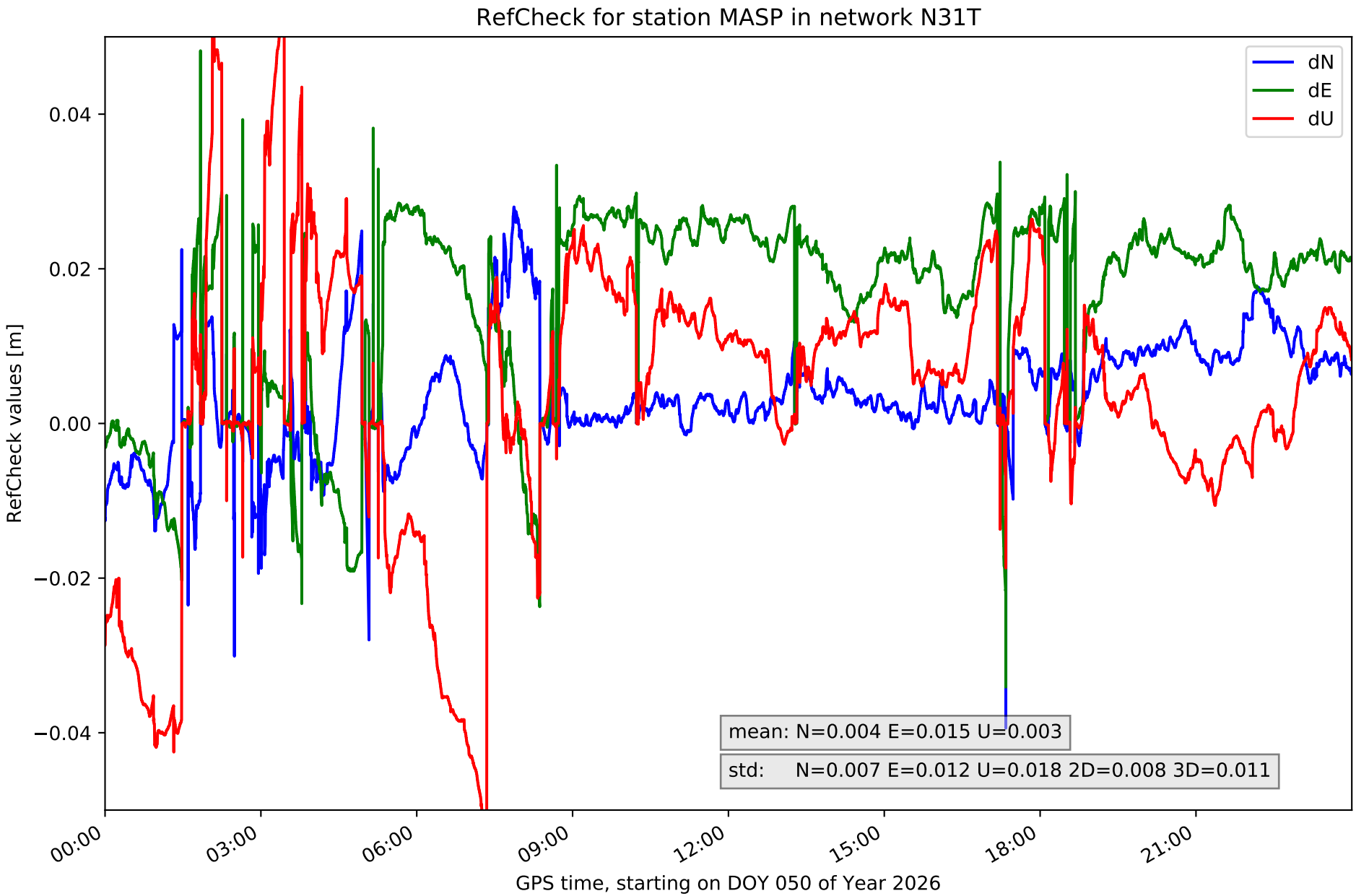

RefCheck for station FUER in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.002 U=-0.008
std: N=0.005 E=0.01 U=0.012 2D=0.006 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

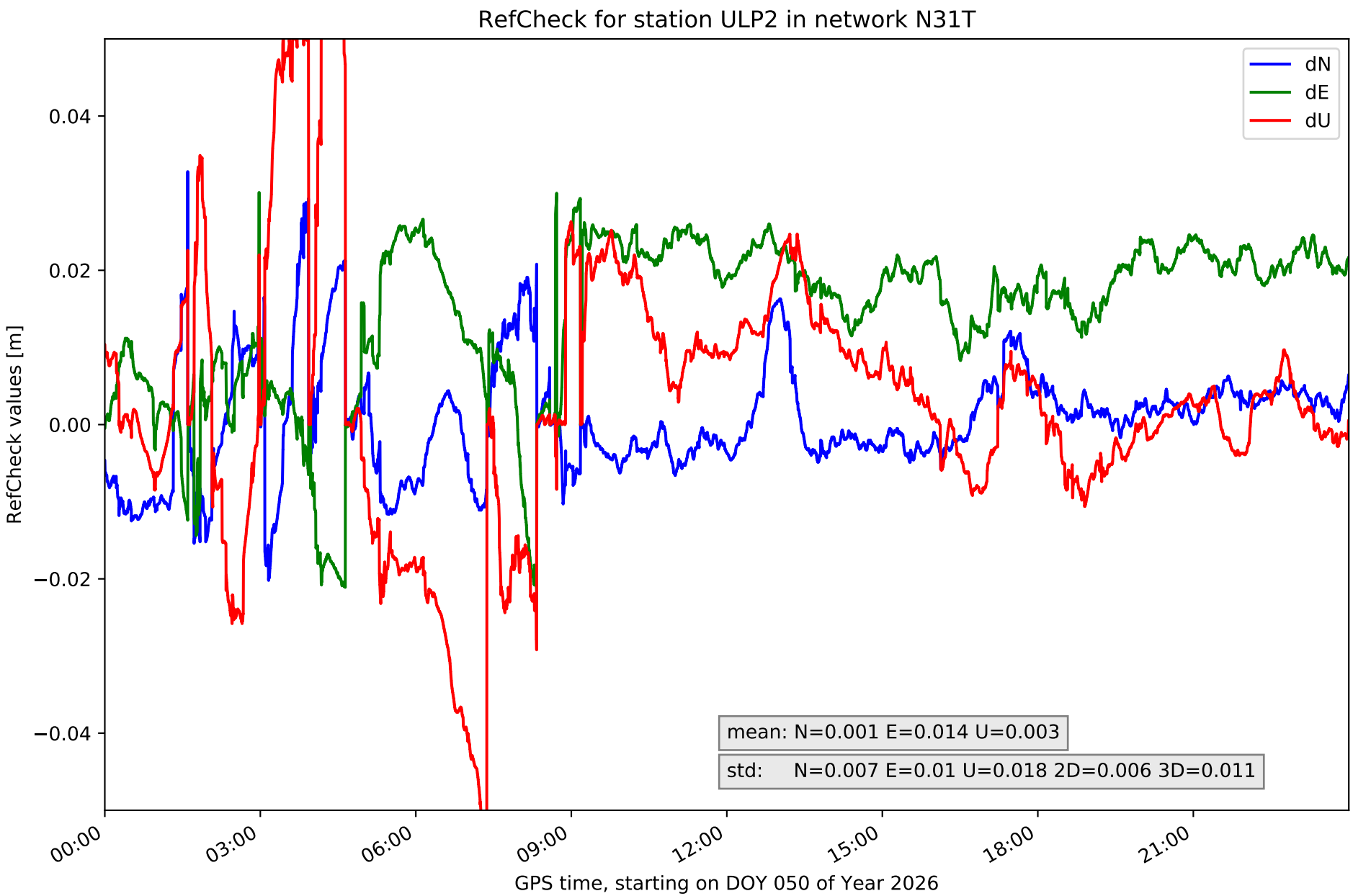

RefCheck for station LALA in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.0 U=-0.001
std: N=0.008 E=0.008 U=0.019 2D=0.007 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026


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=-0.015 E=-0.009 U=-0.002
std: N=0.007 E=0.01 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 050 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=-0.009 E=-0.007 U=-0.011
std: N=0.007 E=0.009 U=0.011 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 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=-0.006 E=-0.013 U=0.004
std: N=0.007 E=0.01 U=0.018 2D=0.005 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 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=0.004 E=0.015 U=0.003
std: N=0.007 E=0.012 U=0.018 2D=0.008 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 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=0.001 E=0.014 U=0.003
std: N=0.007 E=0.01 U=0.018 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 050 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	-0.021	0.011	0.005	-0.029	0.025	0.01	-0.043	0.037	0.012	0.006	0.009	32622	38.2	23590	27.6
LALA	-0.022	0.026	**0.008**	-0.029	0.026	0.008	**-0.06**	0.049	**0.019**	0.007	**0.013**	31139	36.5	22042	25.8
LZ01	-0.035	0.014	0.007	-0.025	0.022	0.01	-0.023	0.064	0.011	0.005	0.007	**80190**	**93.9**	60755	71.1
LZ02	-0.029	0.017	0.007	-0.024	0.015	0.009	-0.037	0.02	0.011	0.004	0.007	77916	91.2	43251	50.6
LZ03	-0.022	0.02	0.007	-0.031	0.022	0.01	-0.047	0.065	0.018	0.005	0.01	78504	91.9	61584	72.1
MASP	**-0.039**	0.028	0.007	**-0.034**	**0.048**	**0.012**	**-0.06**	**0.071**	0.018	**0.008**	0.011	70852	82.9	**70938**	**83.0**
ULP2	-0.02	**0.033**	0.007	-0.023	0.03	0.01	**-0.06**	0.058	0.018	0.006	0.011	76599	89.7	55821	65.3
Mean	**-0.027**	**0.021**	**0.007**	**-0.028**	**0.027**	**0.01**	**-0.047**	**0.052**	**0.015**	**0.006**	**0.01**	**63974.6**	**74.9**	**48283.0**	**56.5**
Min/Max	**-0.039**	**0.033**	**0.008**	**-0.034**	**0.048**	**0.012**	**-0.06**	**0.071**	**0.019**	**0.008**	**0.013**	**80190**	**93.9**	**70938**	**83.0**

fixing statistic for network N31T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	84.6	86.5	78.5	88.1	82.6
considering satellites with dual-frequency fixed	79.7	80.8	74.2	83.4	78.0
considering all signals separately	80.8	81.8	74.2	84.0	78.2