summary for network N31T

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

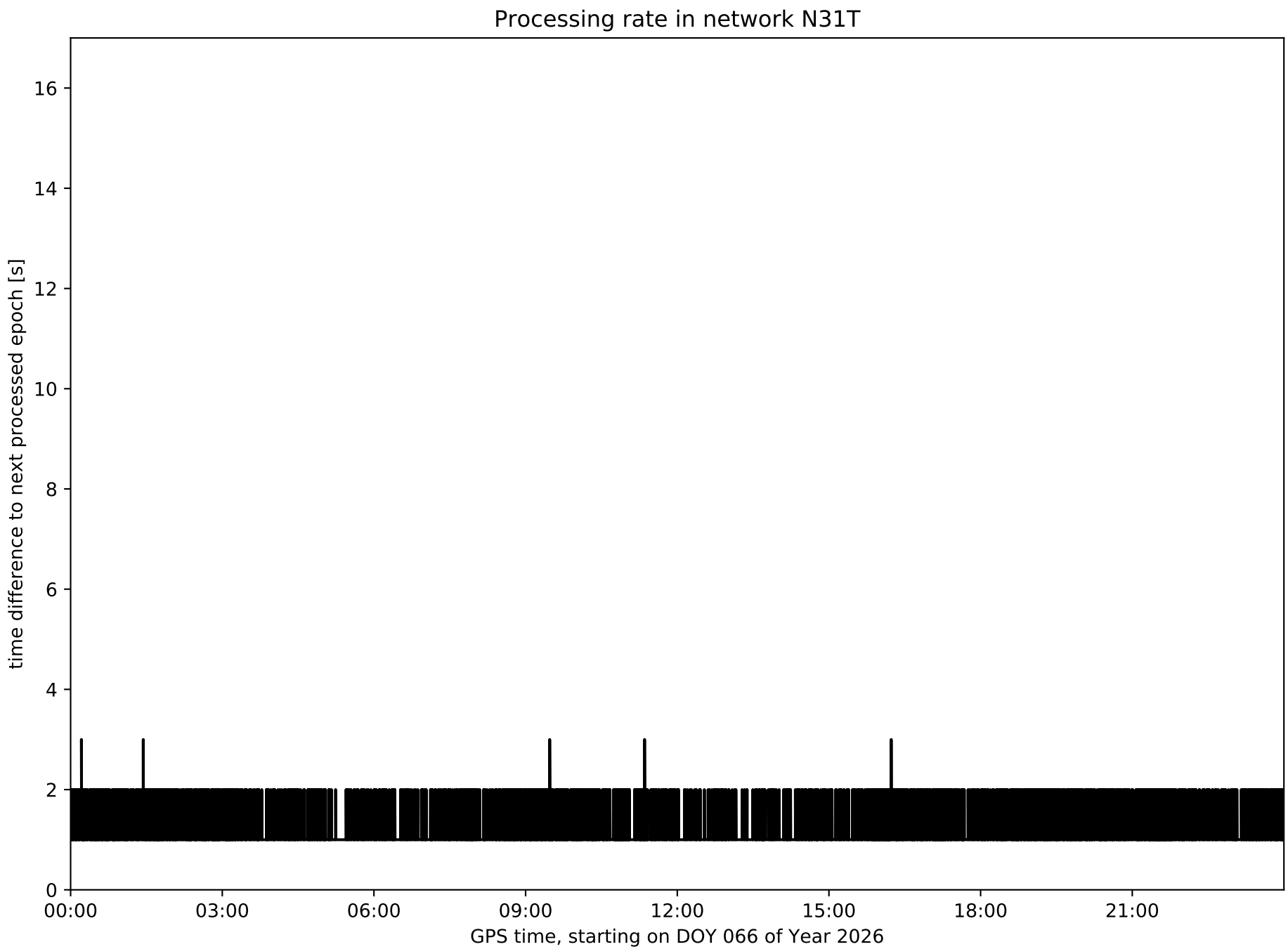
average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

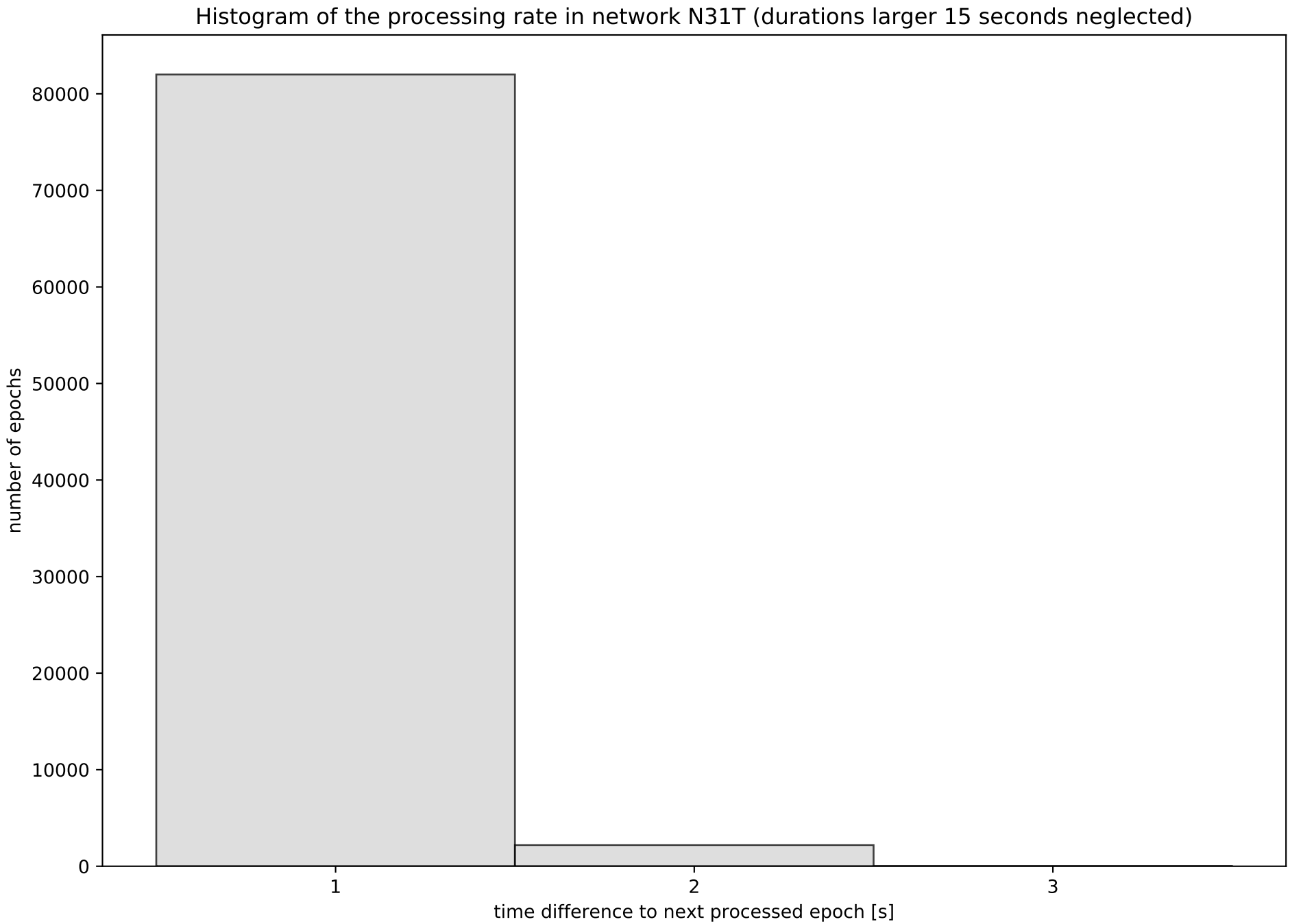
average fixing percentage with threshold set to 0.3: 76.3 percent

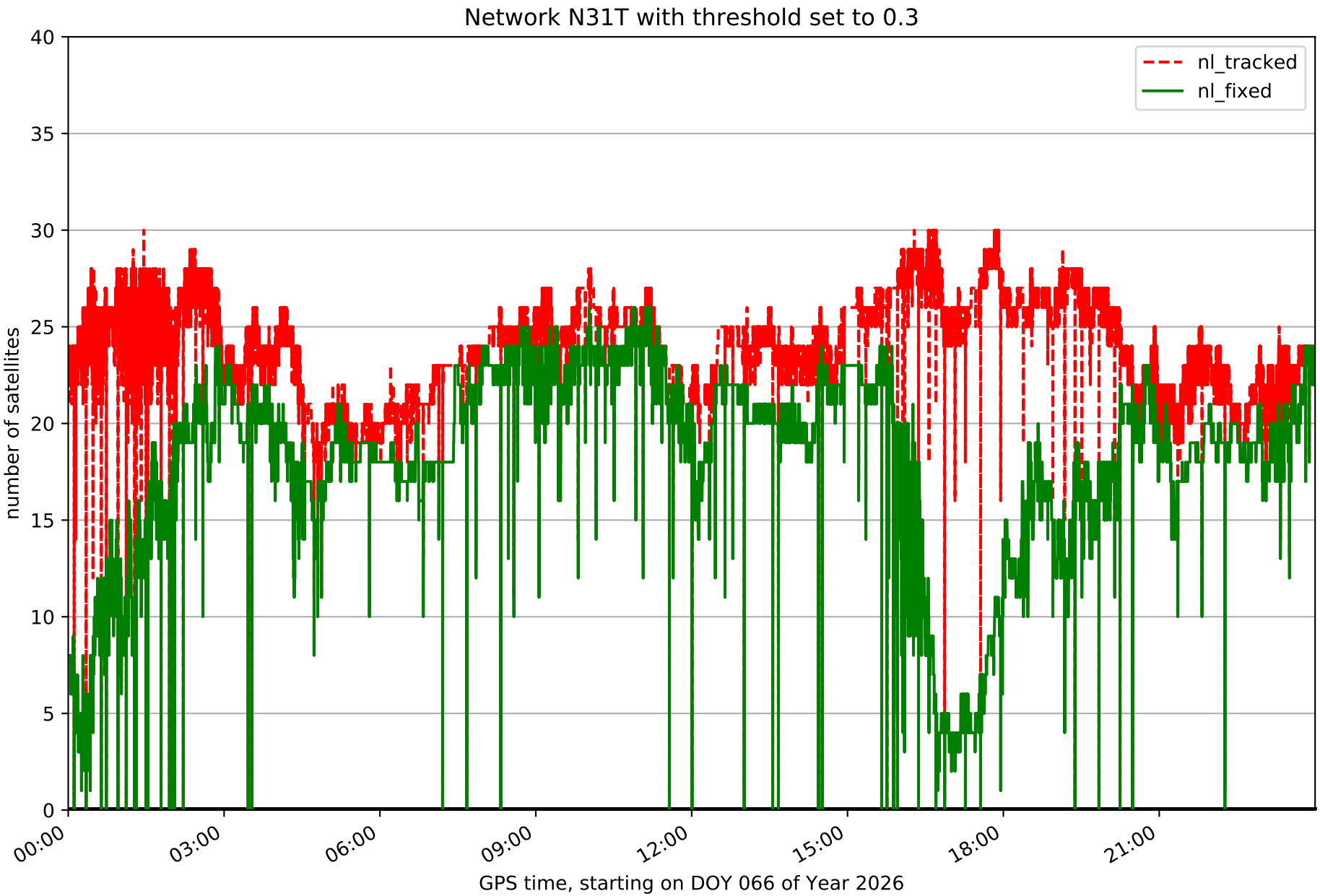
stations available: 7 of 7

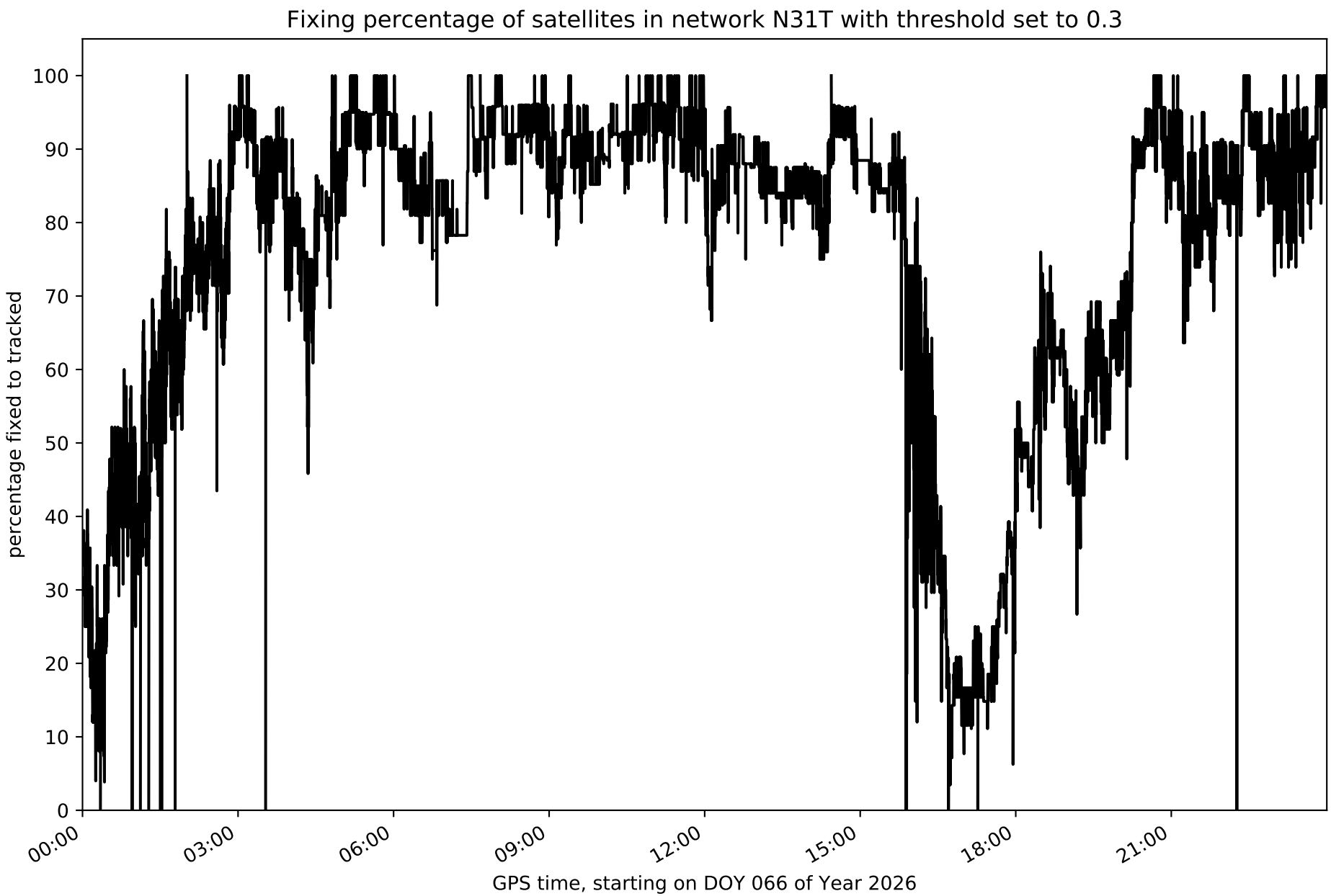
station information:

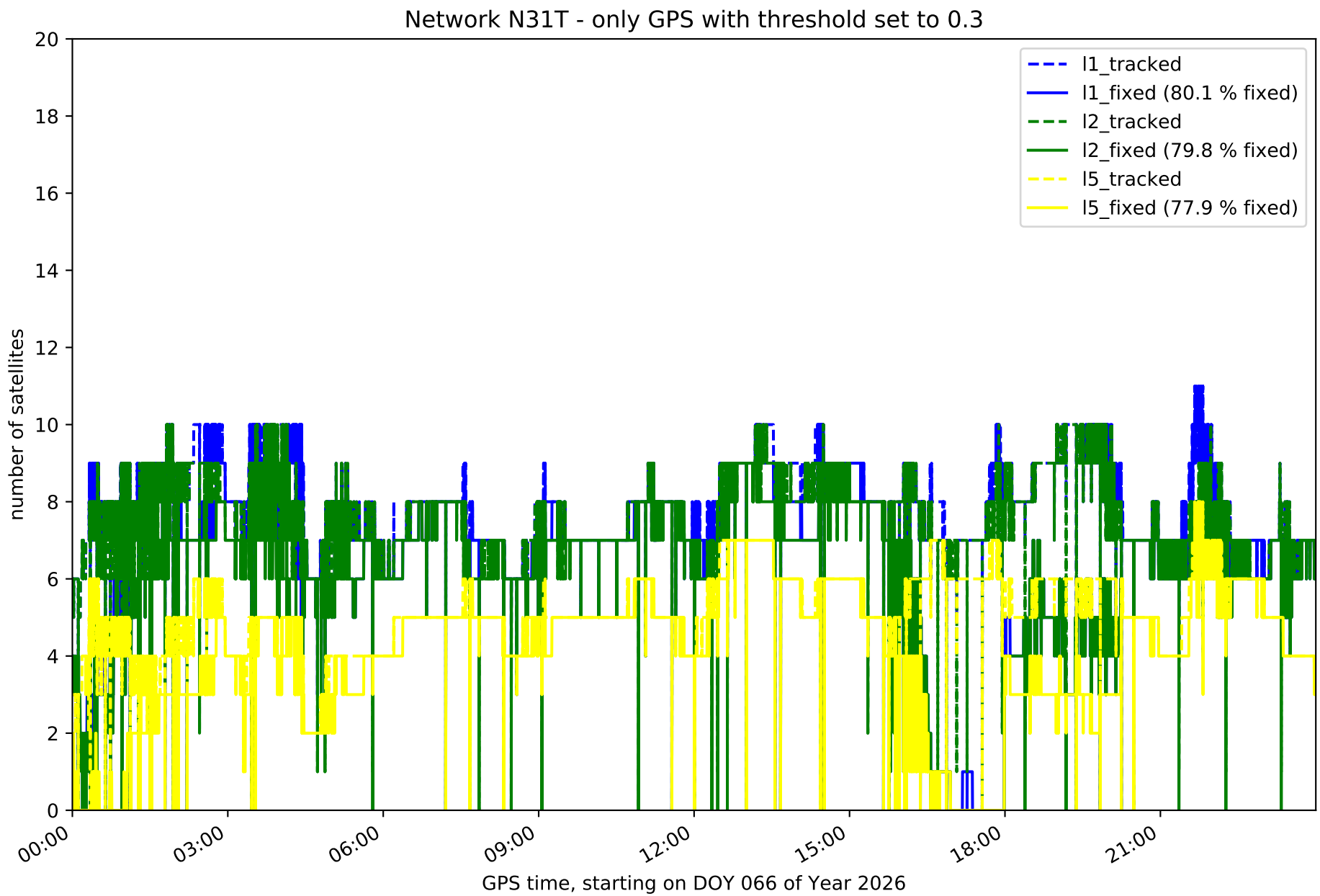
station FUER:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00	NONE	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20	NONE	receiver: LEICA GR25	height: 58.039
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

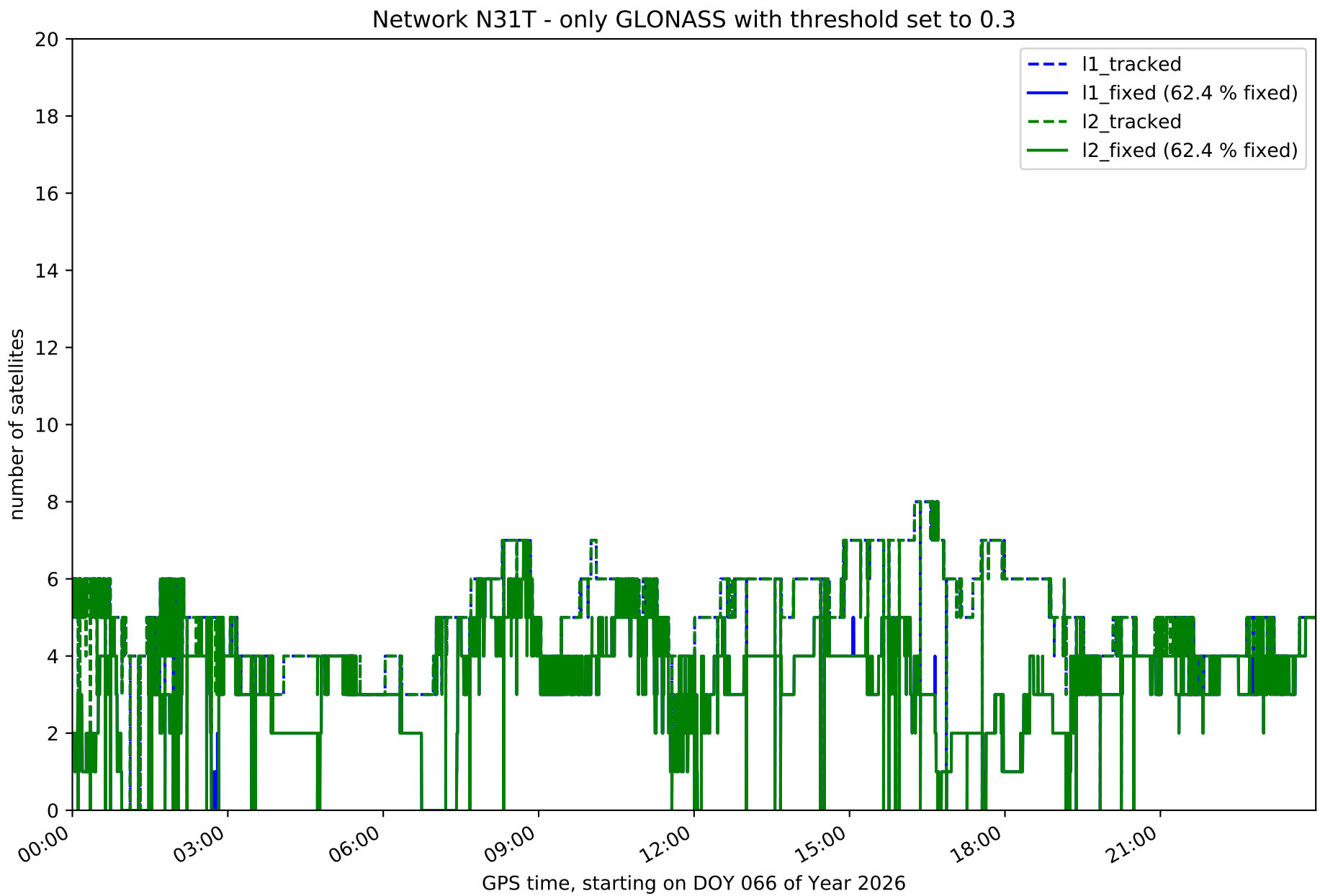

Processing rate in network N31T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

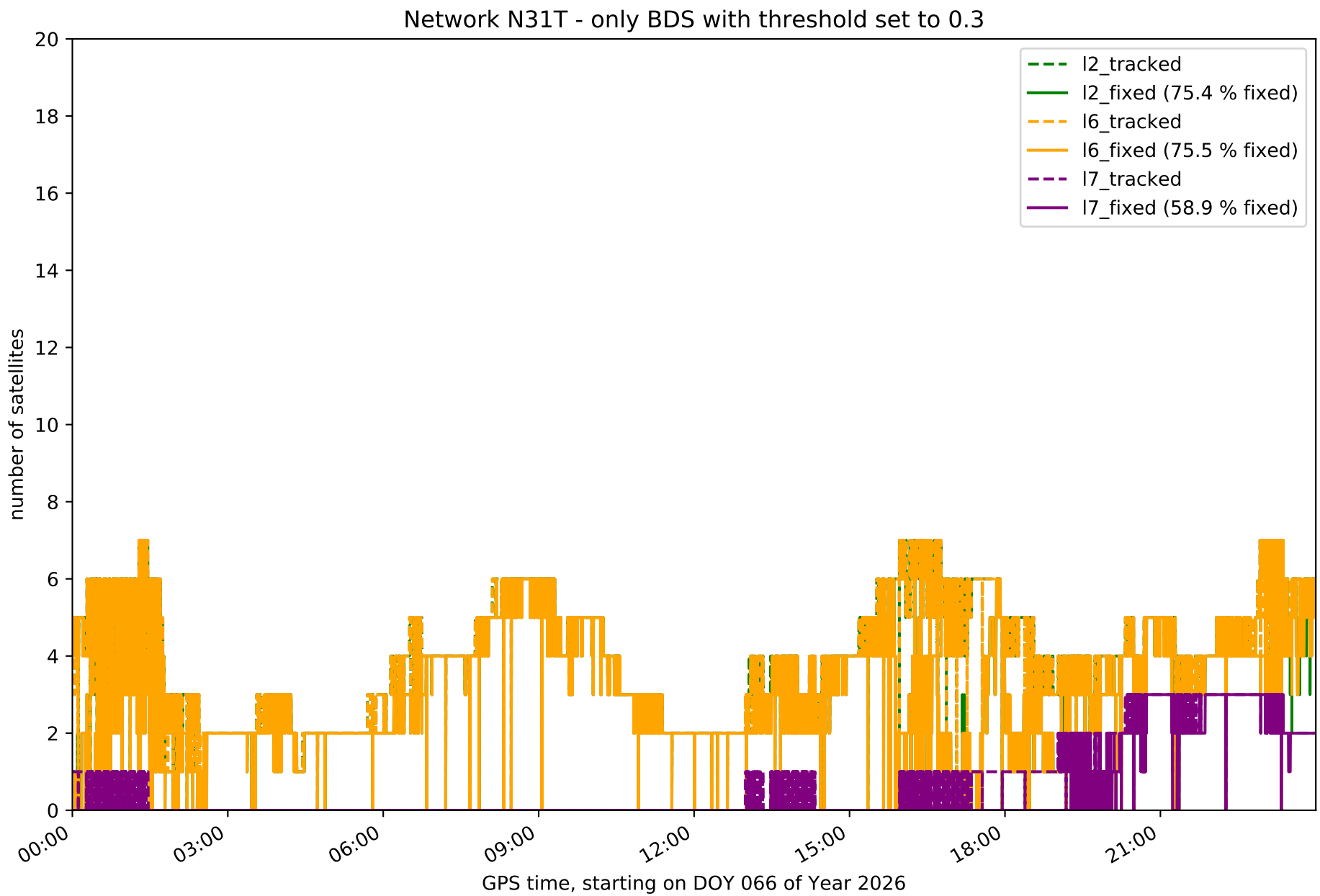

Histogram of the processing rate in network N31T (durations larger 15 seconds neglected)
number of epochs
80000
70000
60000
50000
40000
30000
20000
10000
0
1
2
3
time difference to next processed epoch [s]

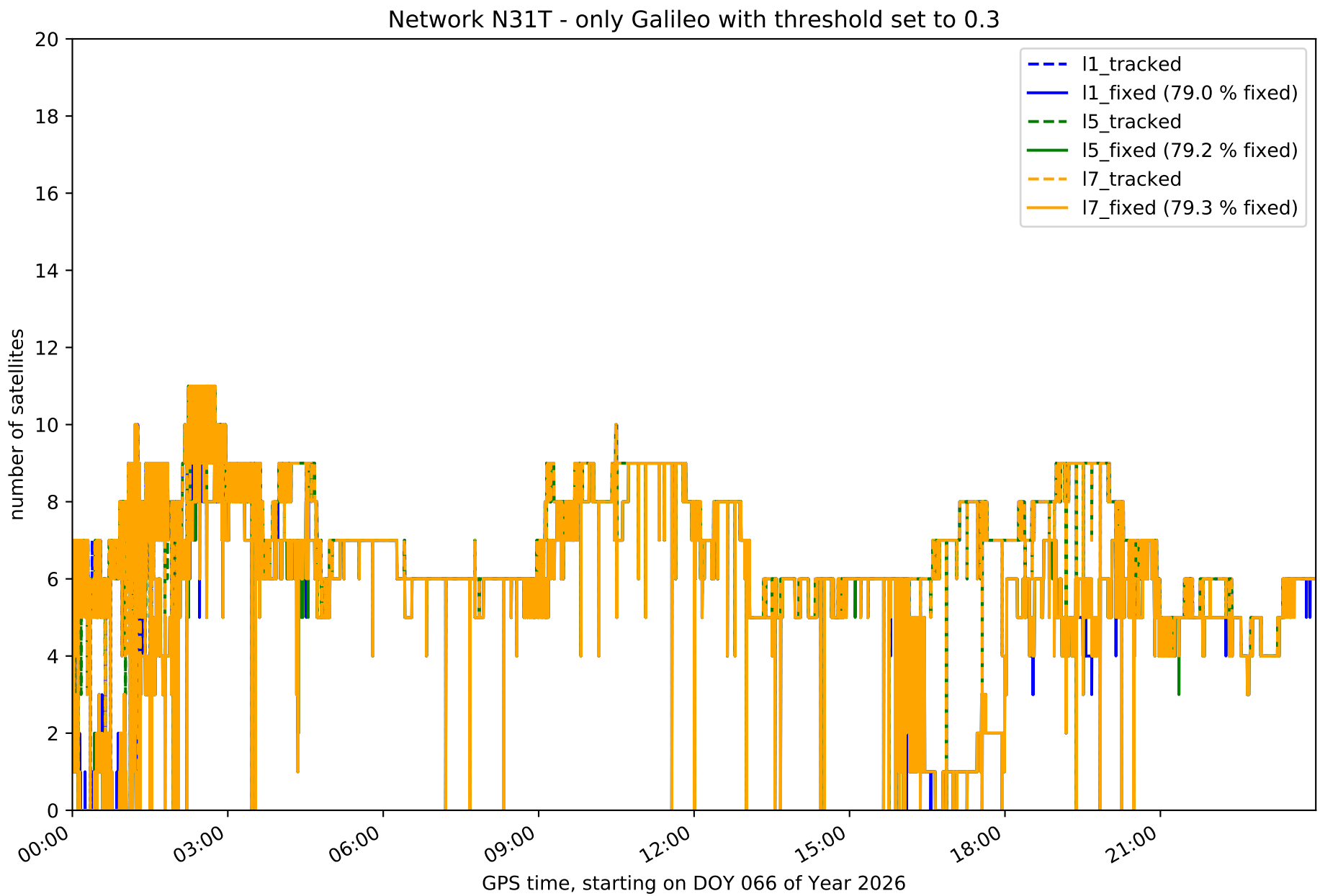

Network N31T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

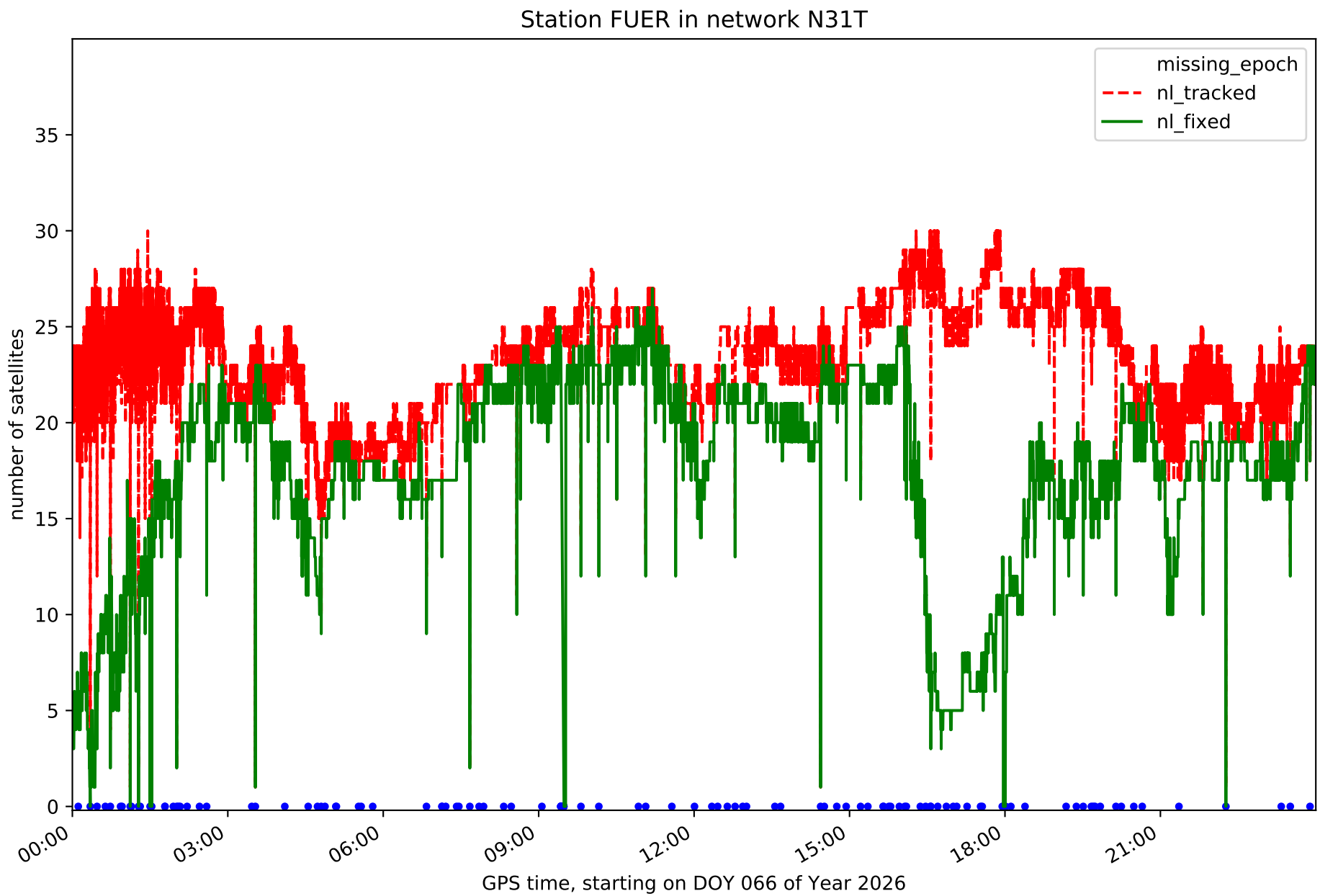

Fixing percentage of satellites in network N31T with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

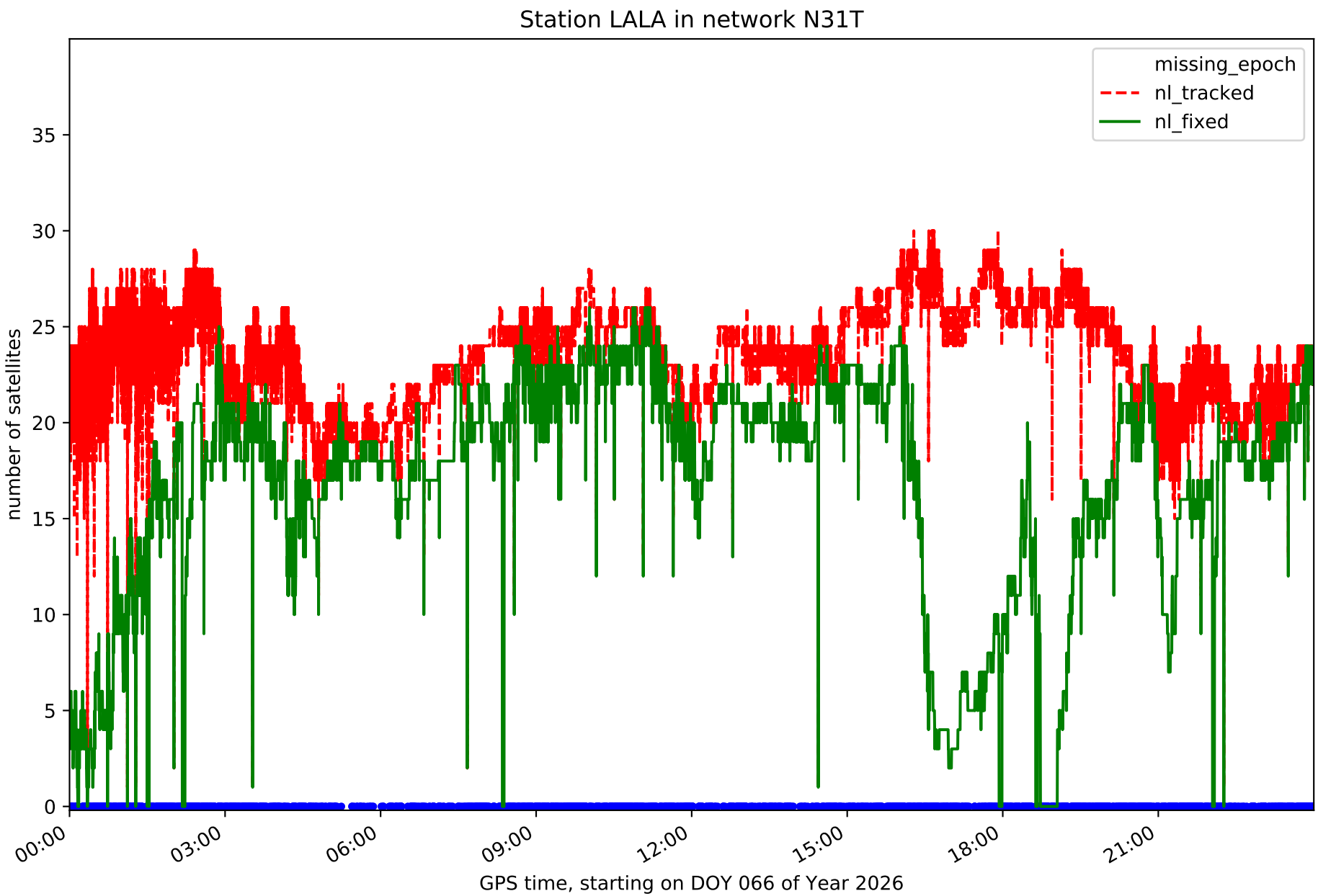

Network N31T - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (80.1 % fixed)
l2_tracked
l2_fixed (79.8 % fixed)
l5_tracked
l5_fixed (77.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

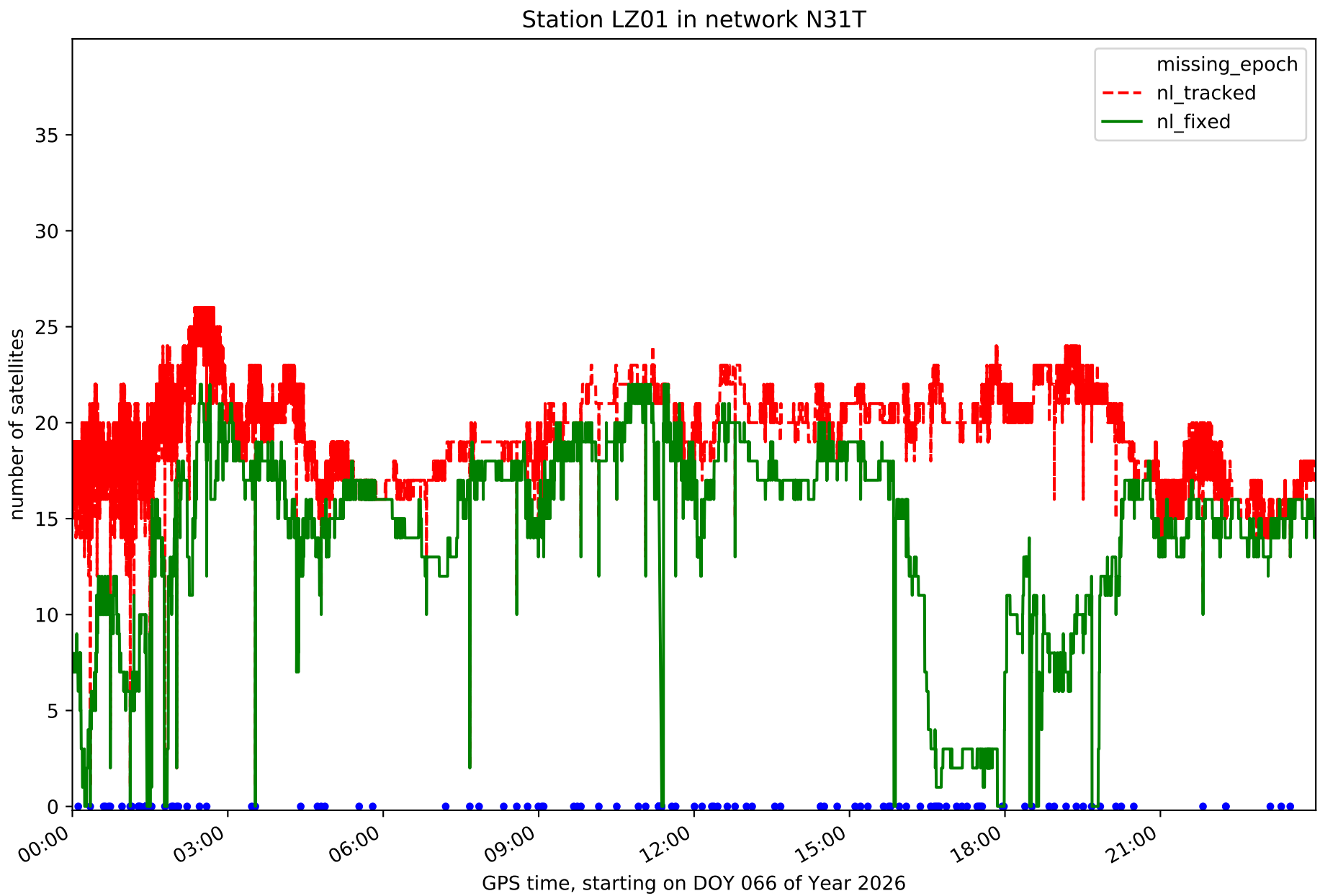

Network N31T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (62.4 % fixed)
l2_tracked
l2_fixed (62.4 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

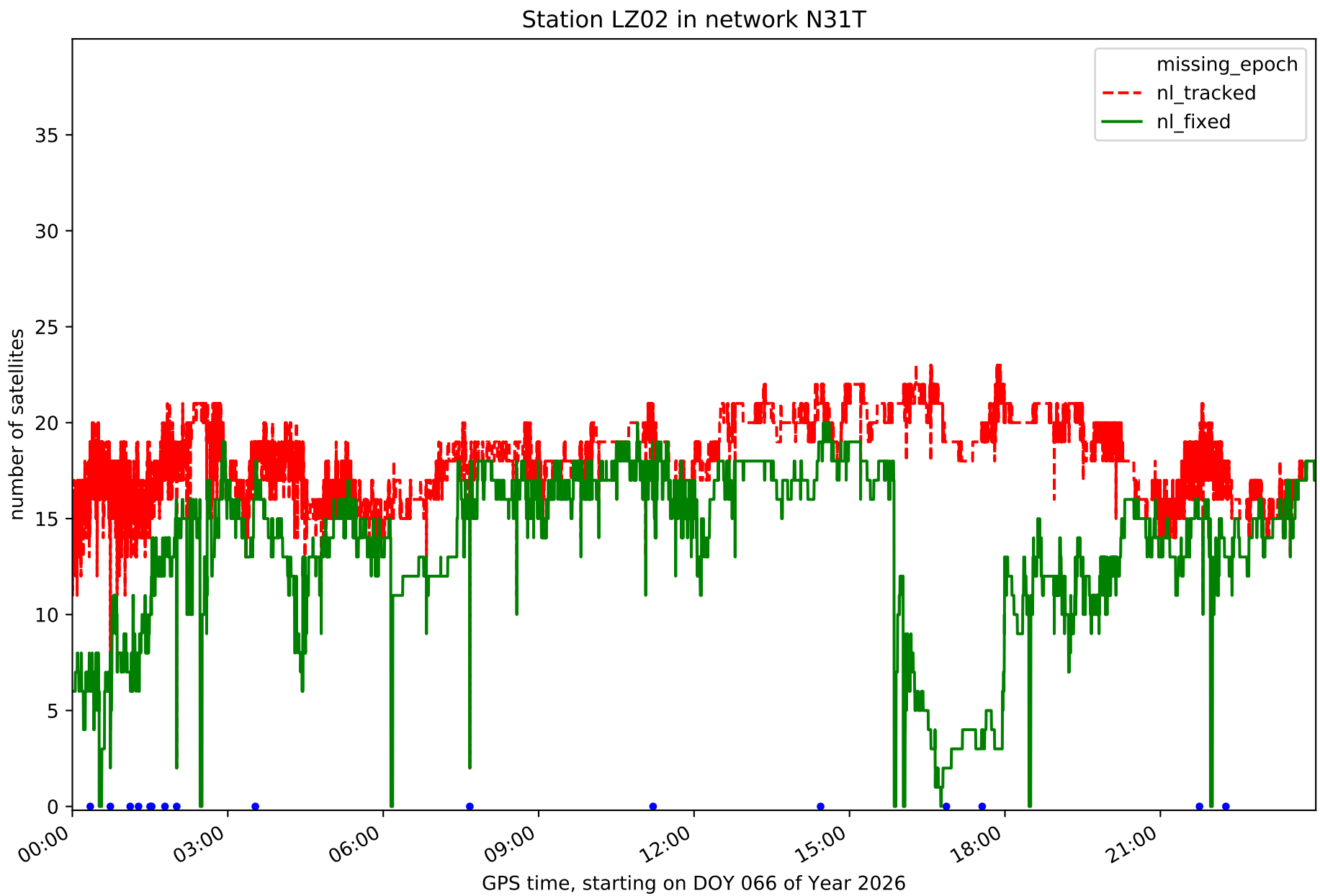

Network N31T - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 066 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
I2_tracked
I2_fixed (75.4 % fixed)
I6_tracked
I6_fixed (75.5 % fixed)
I7_tracked
I7_fixed (58.9 % fixed)

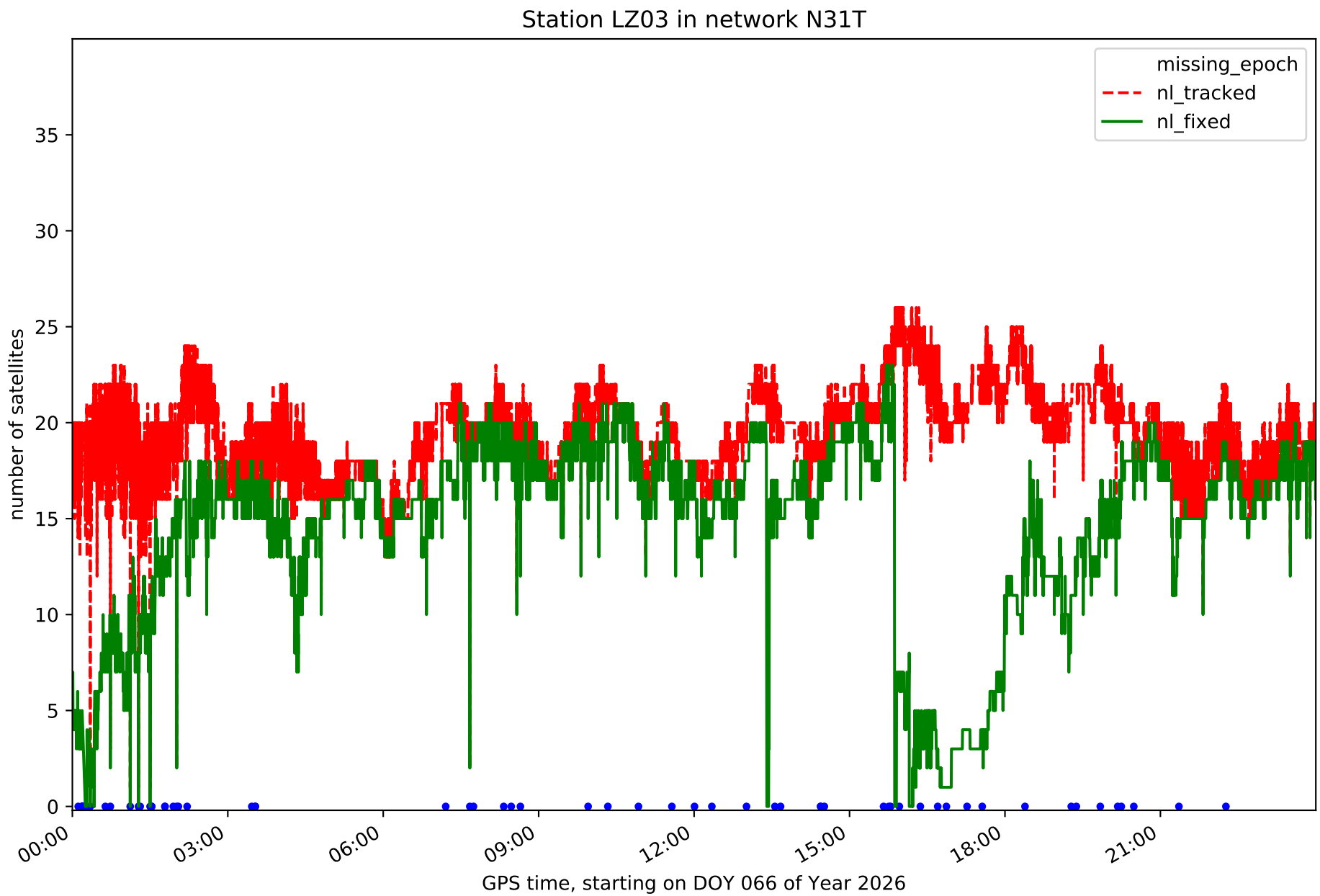

Network N31T - only Galileo with threshold set to 0.3
l1_tracked
l1_fixed (79.0 % fixed)
l5_tracked
l5_fixed (79.2 % fixed)
l7_tracked
l7_fixed (79.3 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

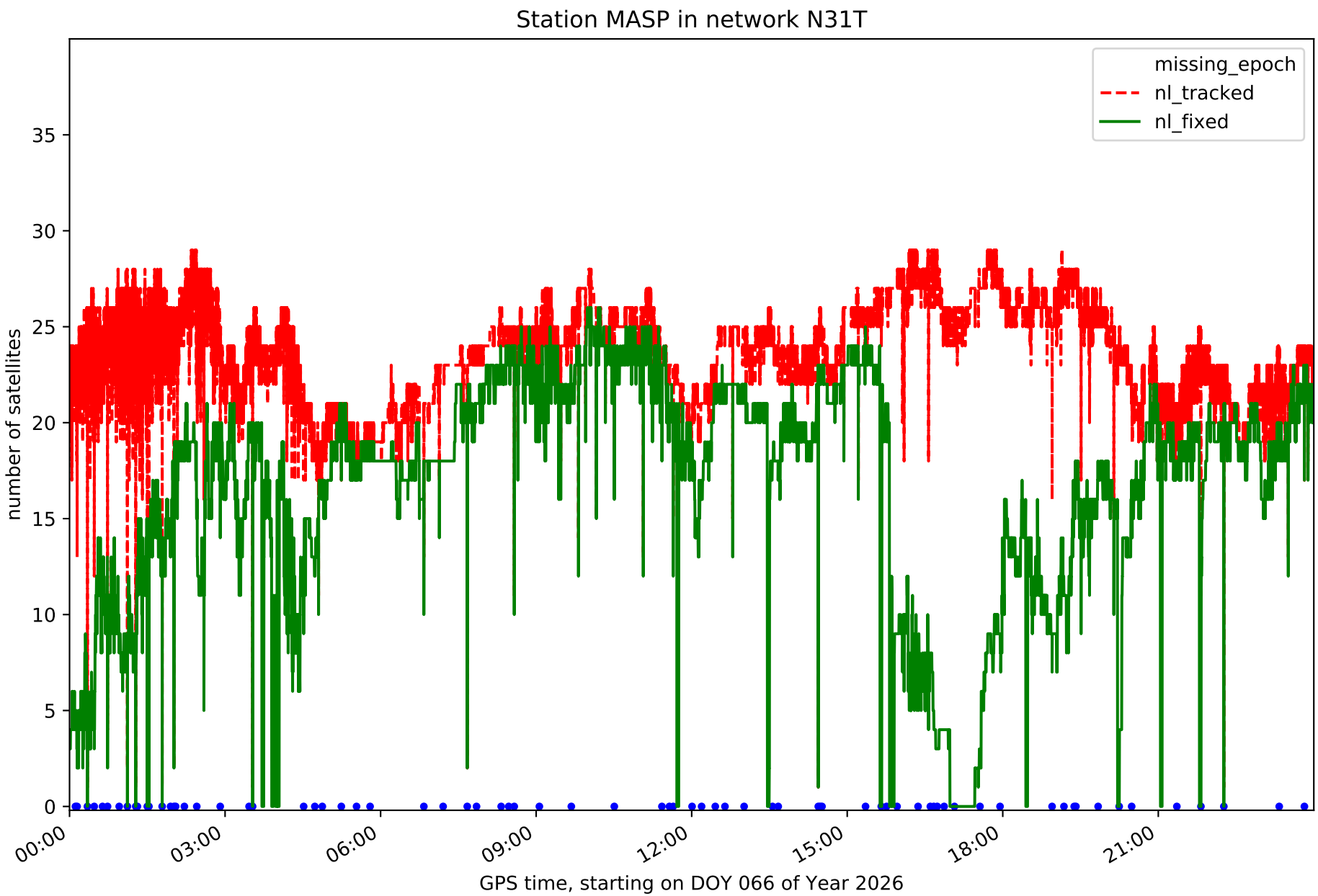

Station FUER in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

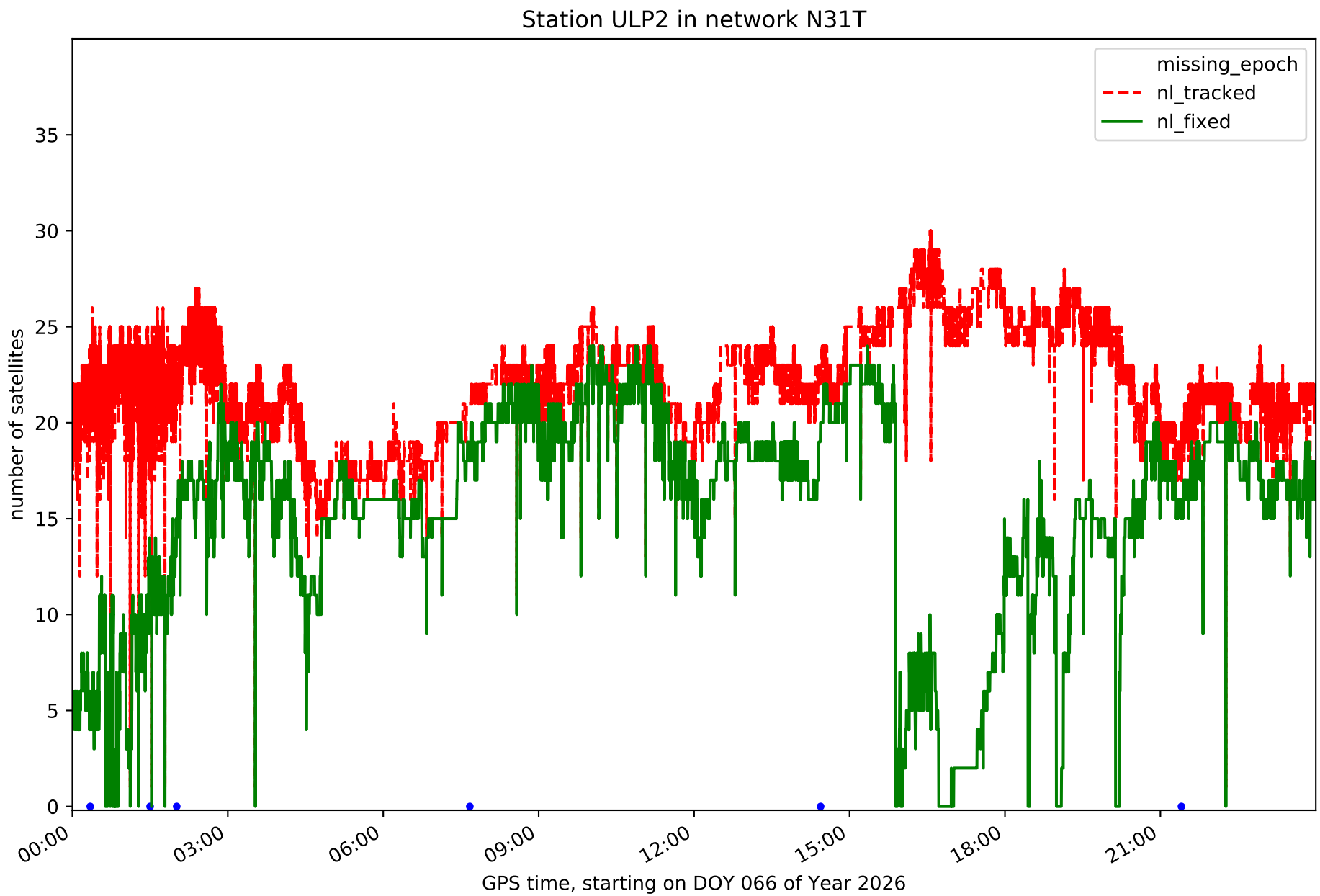

Station LALA in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

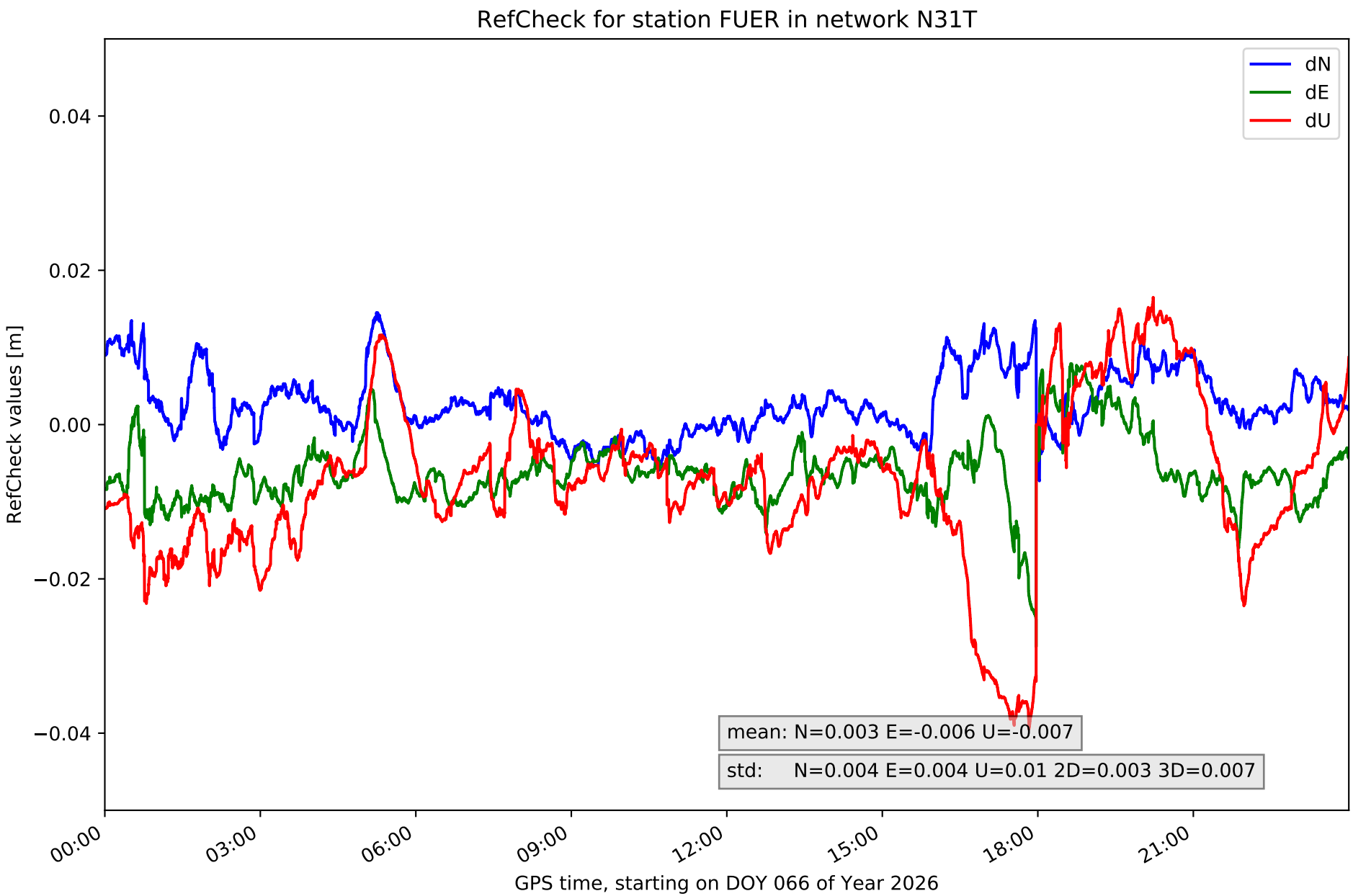

Station LZ01 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

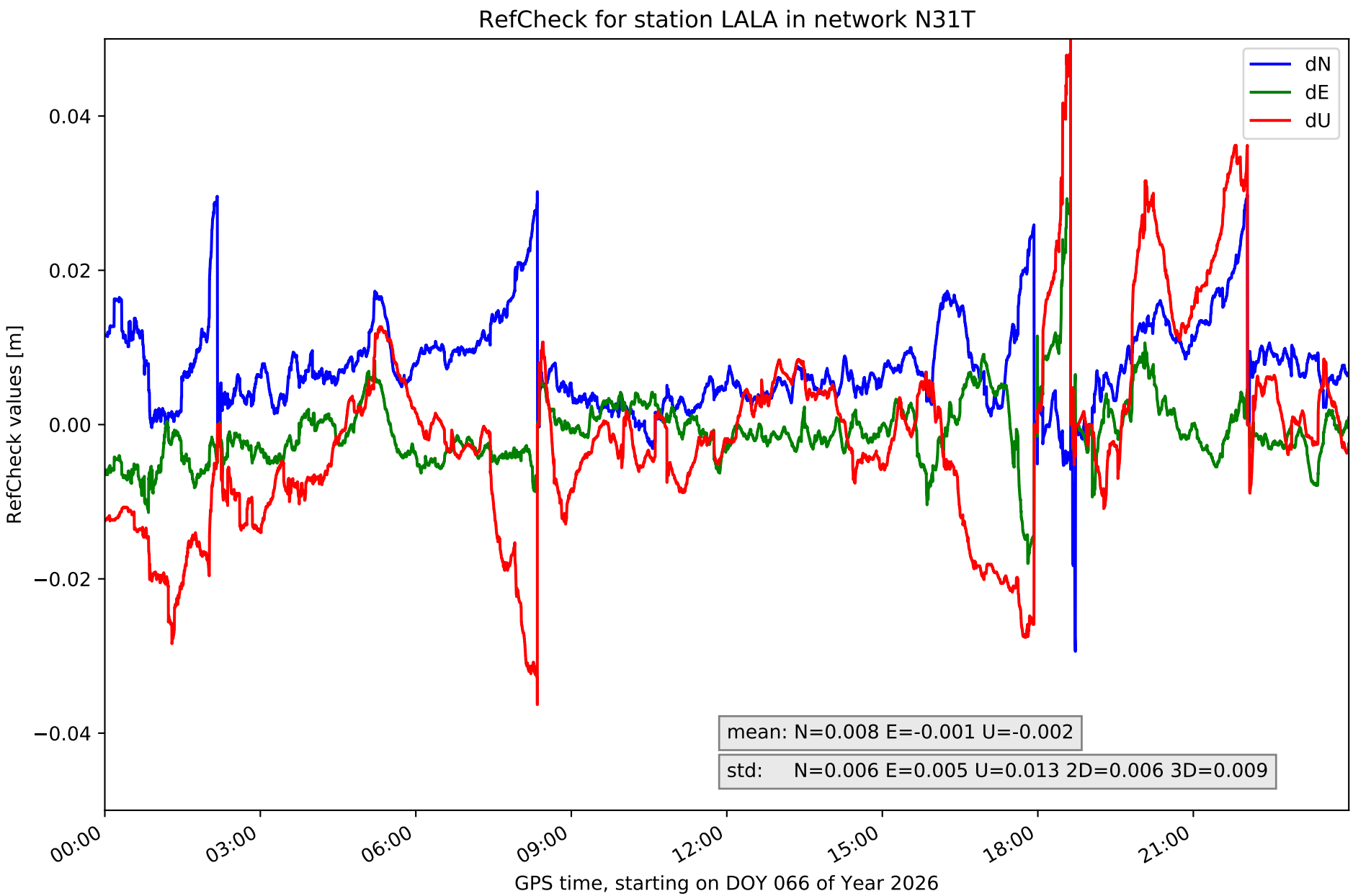

Station LZ02 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

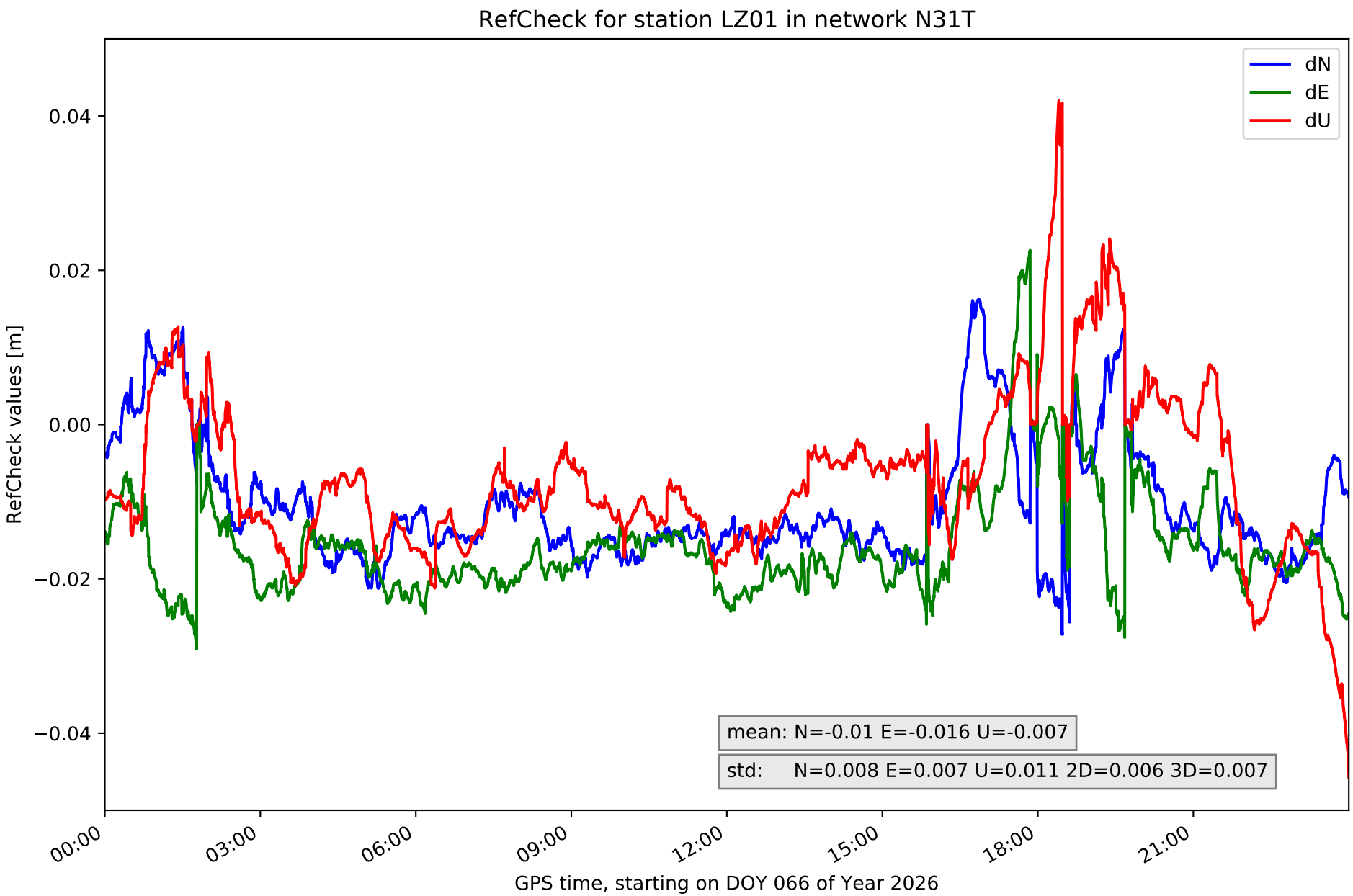

Station LZ03 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

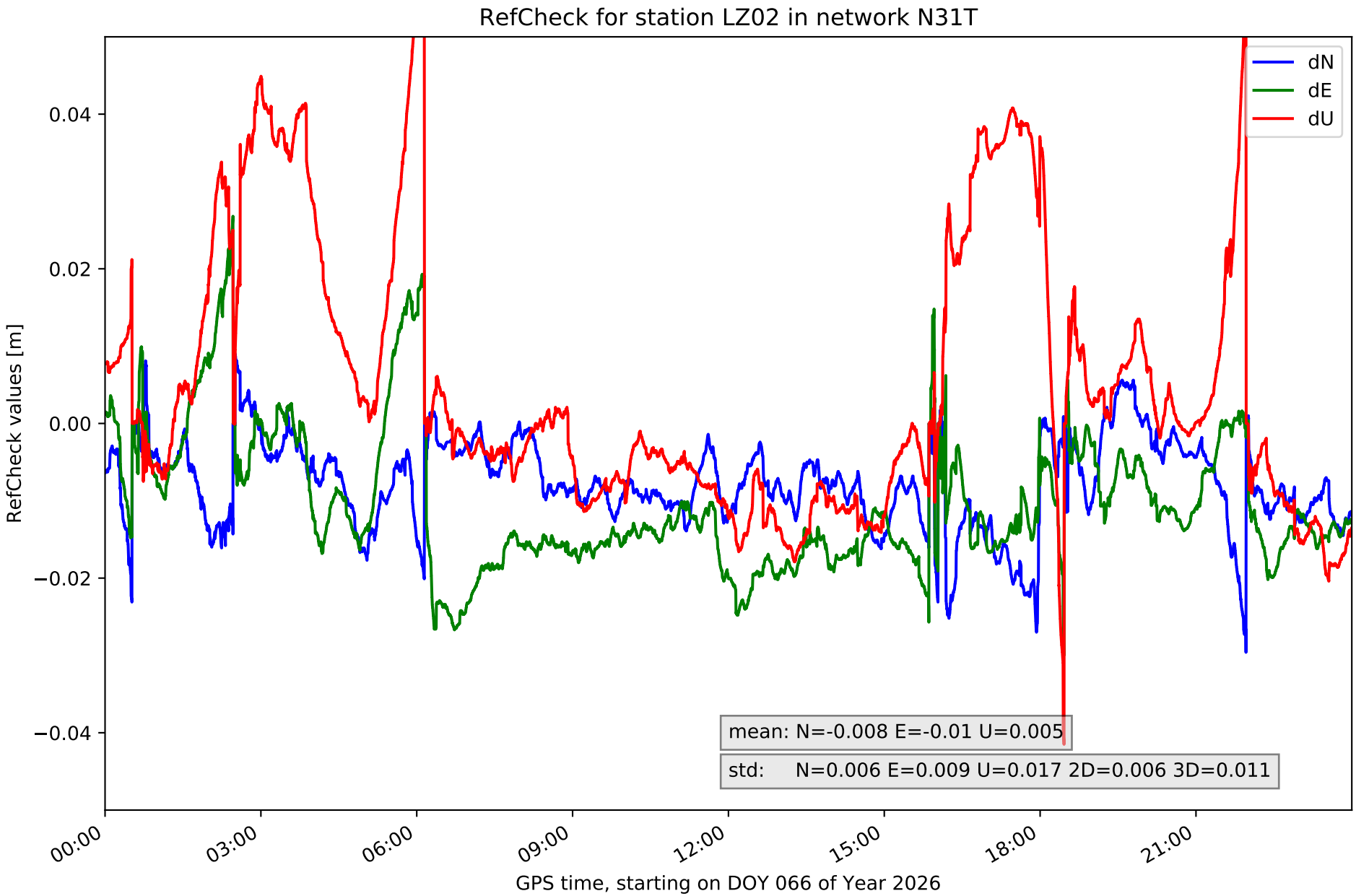

Station MASP in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

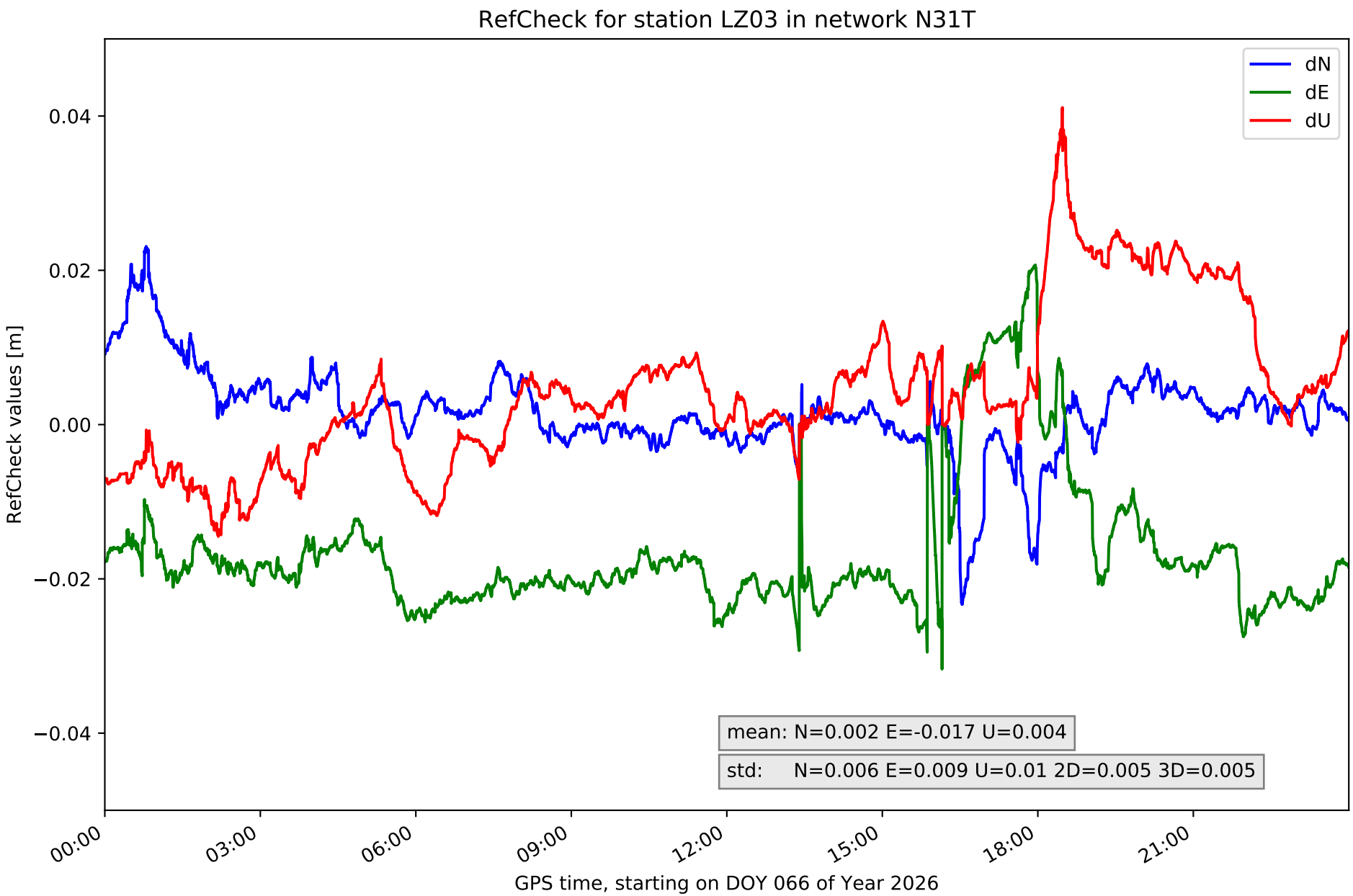

Station ULP2 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

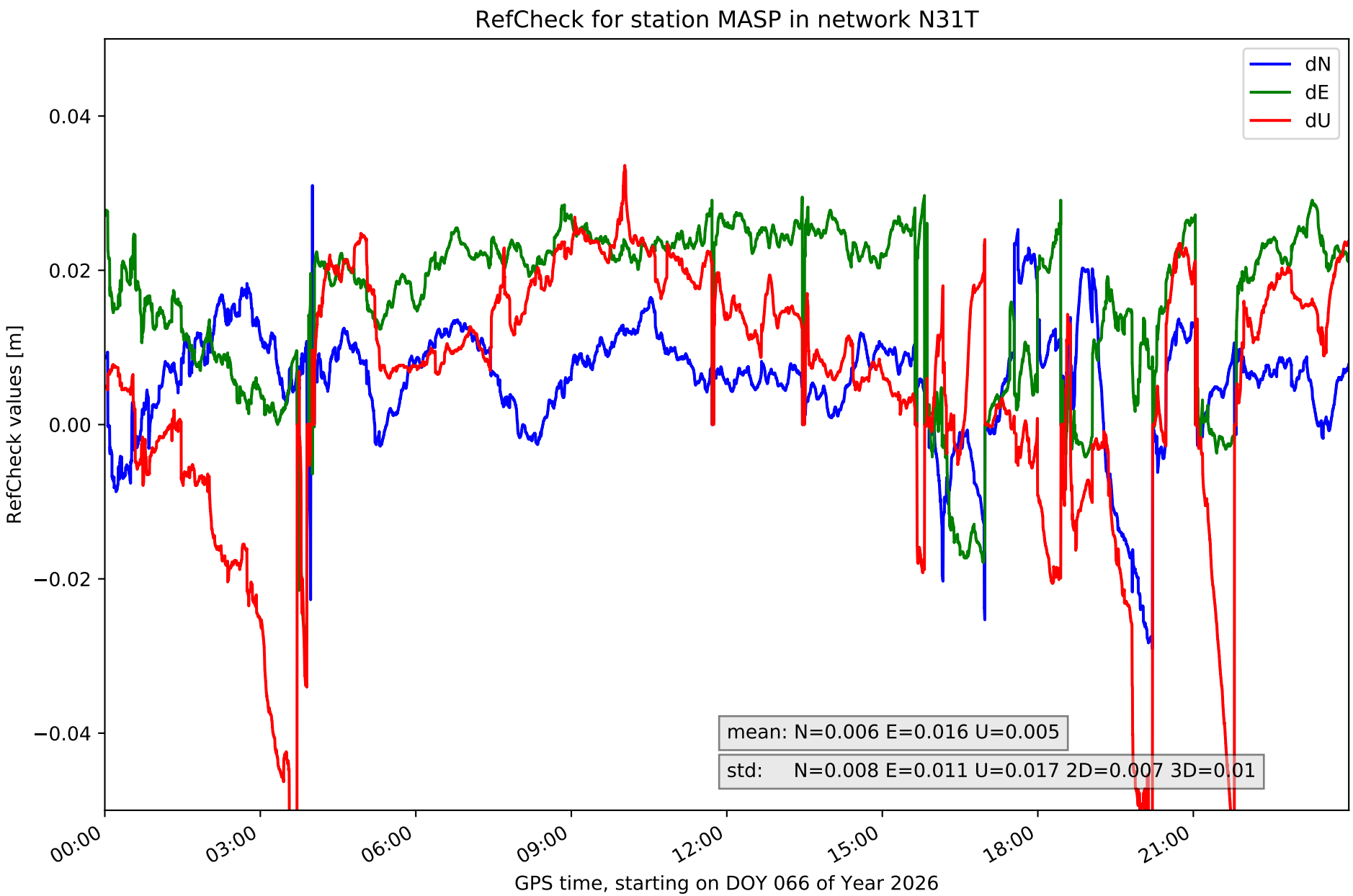

RefCheck for station FUER in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.006 U=-0.007
std: N=0.004 E=0.004 U=0.01 2D=0.003 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

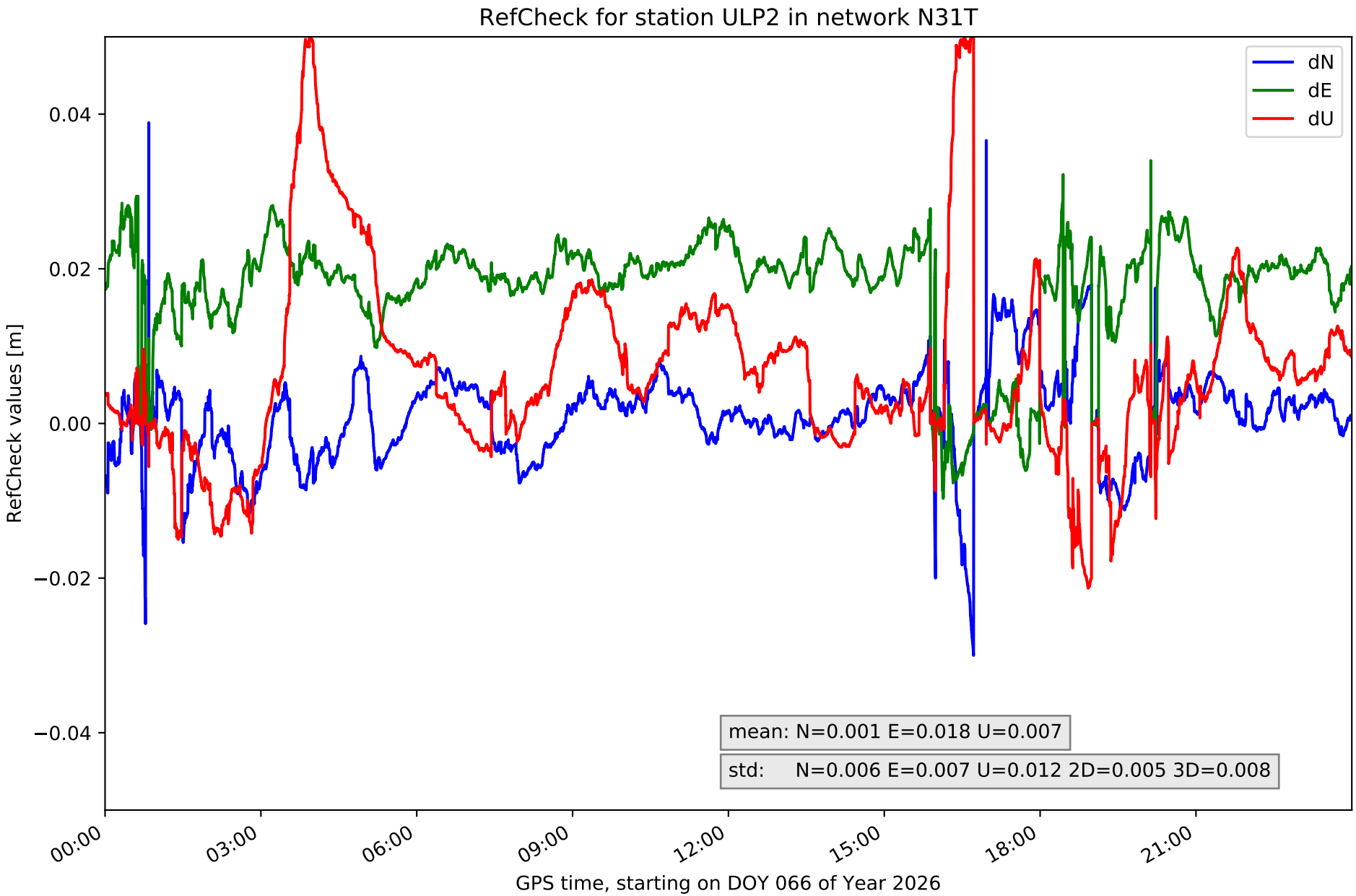

RefCheck for station LALA in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=-0.001 U=-0.002
std: N=0.006 E=0.005 U=0.013 2D=0.006 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026


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=-0.016 U=-0.007
std: N=0.008 E=0.007 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 066 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=-0.01 U=0.005
std: N=0.006 E=0.009 U=0.017 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 066 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=0.002 E=-0.017 U=0.004
std: N=0.006 E=0.009 U=0.01 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 066 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=0.006 E=0.016 U=0.005
std: N=0.008 E=0.011 U=0.017 2D=0.007 3D=0.01
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 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=0.018 U=0.007
std: N=0.006 E=0.007 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 066 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	-0.007	0.015	0.004	-0.029	0.008	0.004	-0.04	0.017	0.01	0.003	0.007	25373	30.1	9878	11.7
LALA	-0.029	0.03	0.006	-0.018	**0.034**	0.005	-0.036	0.057	0.013	0.006	0.009	27613	32.8	18482	21.9
LZ01	-0.027	0.016	**0.008**	-0.029	0.023	0.007	-0.046	0.042	0.011	0.006	0.007	76839	91.2	**66274**	**78.7**
LZ02	**-0.03**	0.009	0.006	-0.03	0.027	0.009	-0.042	**0.06**	**0.017**	0.006	**0.011**	65600	77.9	43823	52.0
LZ03	-0.023	0.023	0.006	**-0.032**	0.021	0.009	-0.015	0.041	0.01	0.005	0.005	**79487**	**94.4**	63273	75.1
MASP	-0.029	0.031	**0.008**	-0.028	0.03	**0.011**	**-0.06**	0.034	**0.017**	**0.007**	0.01	75307	89.4	64975	77.1
ULP2	**-0.03**	**0.039**	0.006	-0.01	**0.034**	0.007	-0.021	0.053	0.012	0.005	0.008	79471	94.3	57658	68.4
Mean	**-0.025**	**0.023**	**0.006**	**-0.025**	**0.025**	**0.007**	**-0.037**	**0.043**	**0.013**	**0.005**	**0.008**	**61384.3**	**72.9**	**46337.6**	**55.0**
Min/Max	**-0.03**	**0.039**	**0.008**	**-0.032**	**0.034**	**0.011**	**-0.06**	**0.06**	**0.017**	**0.007**	**0.011**	**79487**	**94.4**	**66274**	**78.7**

fixing statistic for network N31T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	76.3	80.1	62.4	79.0	75.3
considering satellites with dual-frequency fixed	71.7	75.9	58.4	75.3	75.0
considering all signals separately	72.5	76.1	58.4	75.7	73.8