summary for network N31T

timeperiod chosen: from 2026-02-27-00:00:00 until 2026-02-27-23:59:59

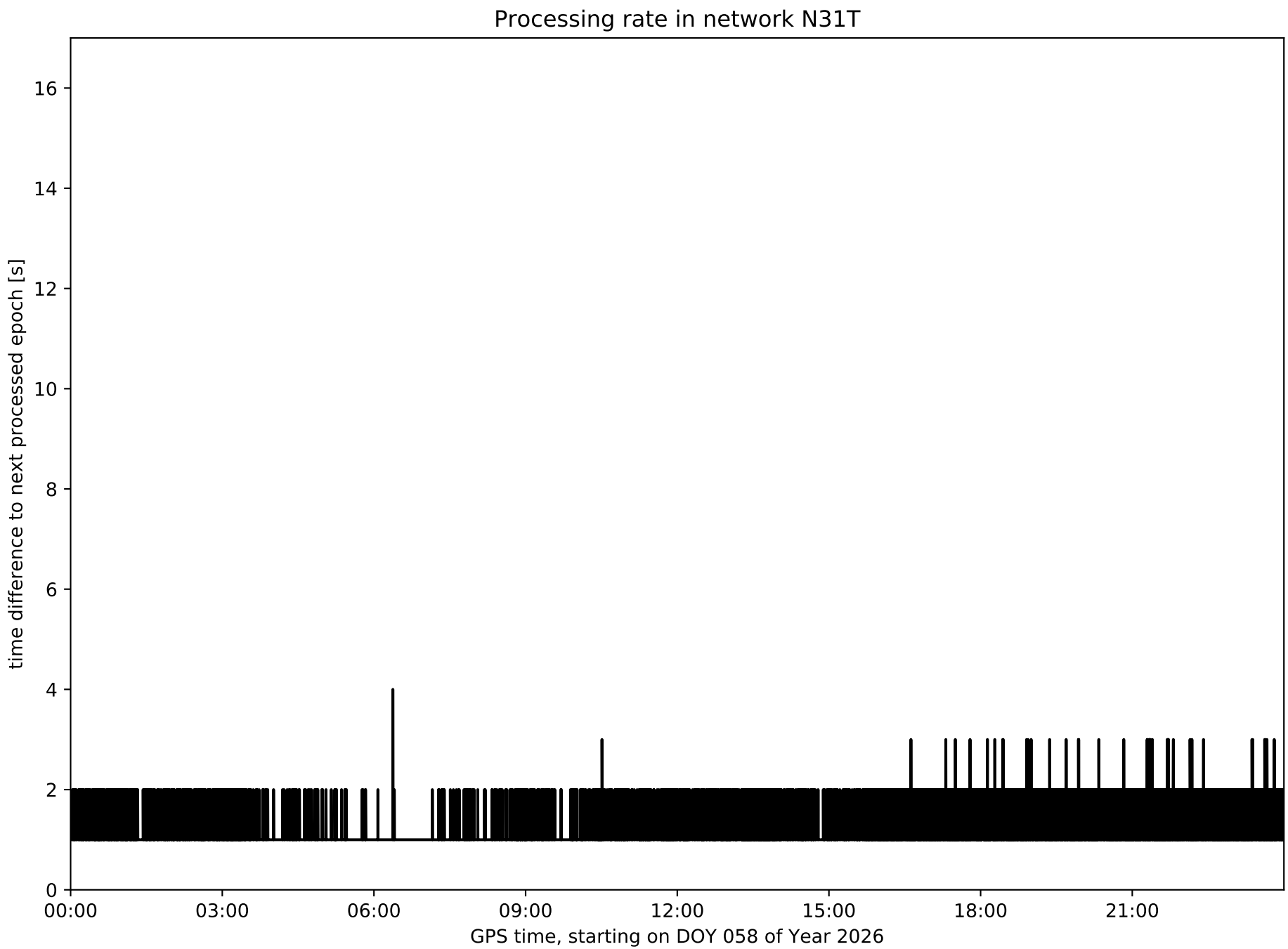
average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

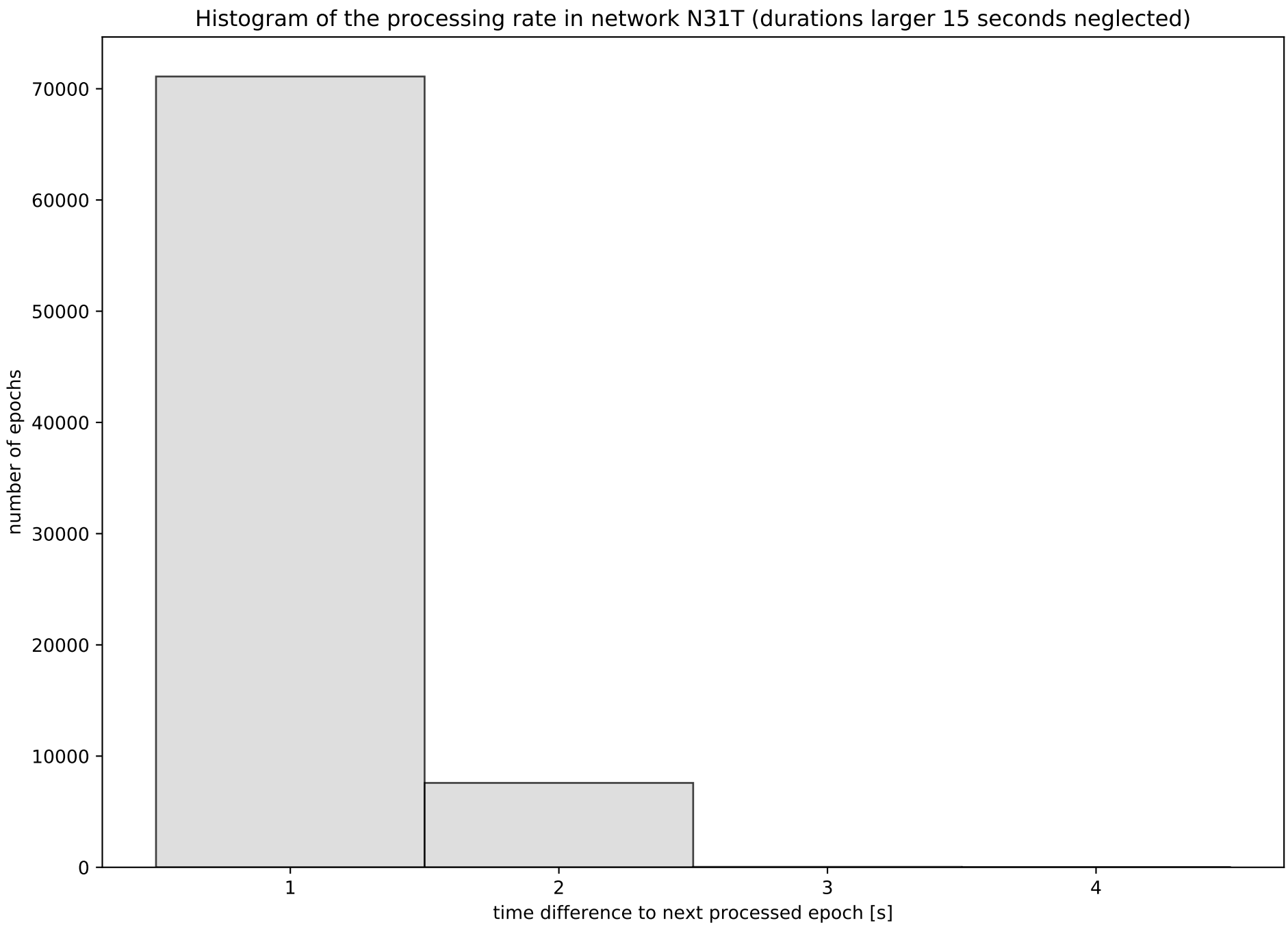
average fixing percentage with threshold set to 0.3: 80.6 percent

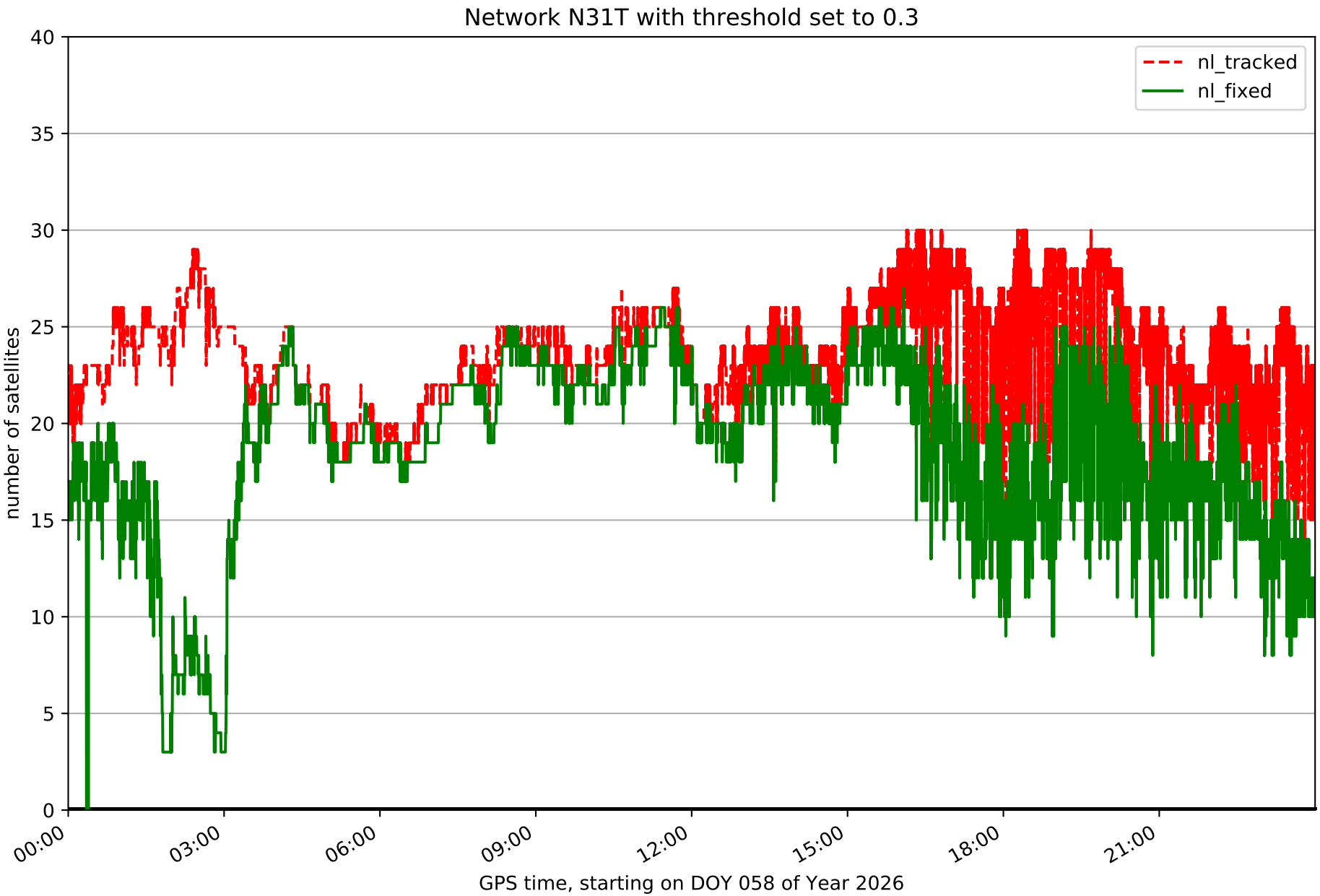
stations available: 7 of 7

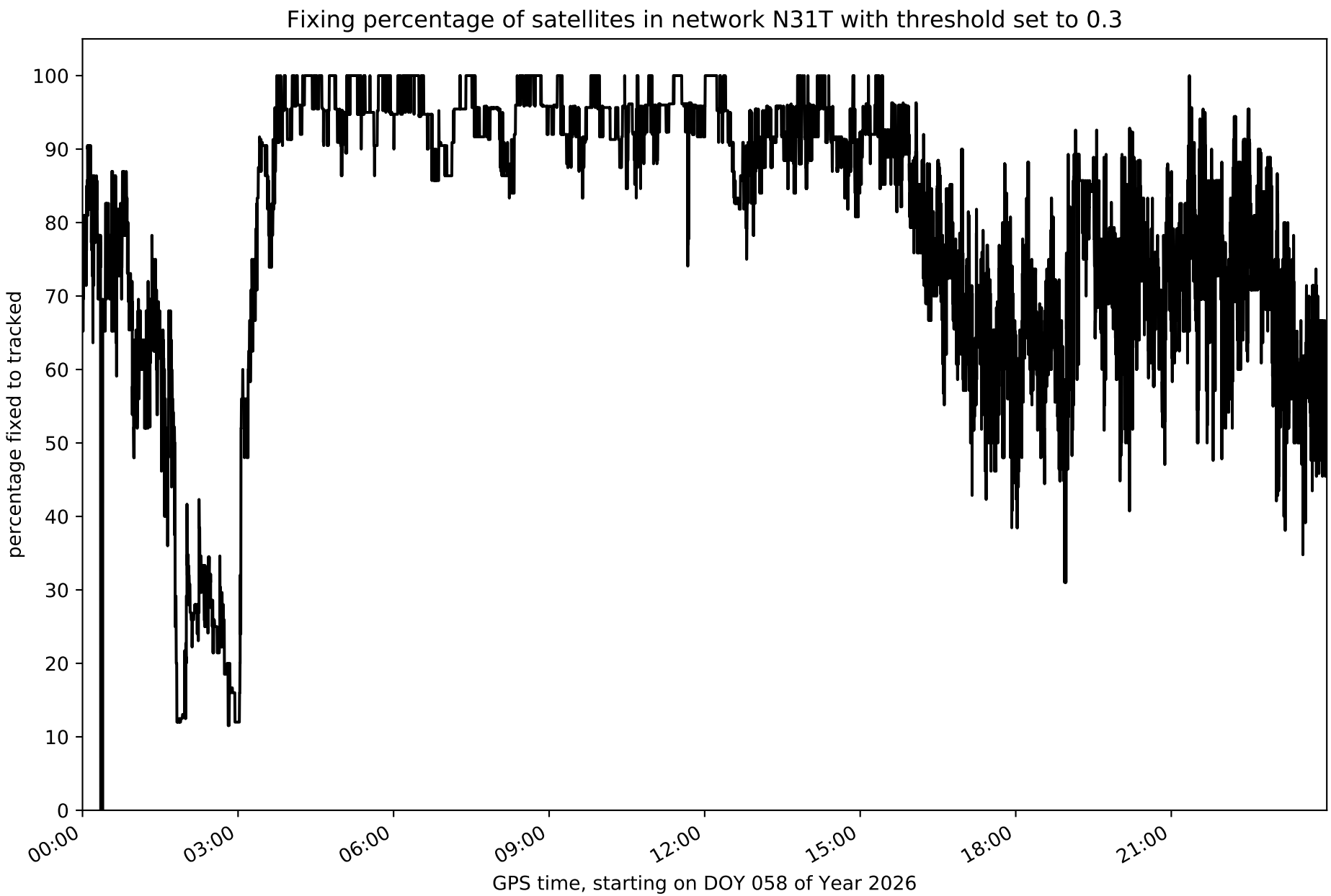
station information:

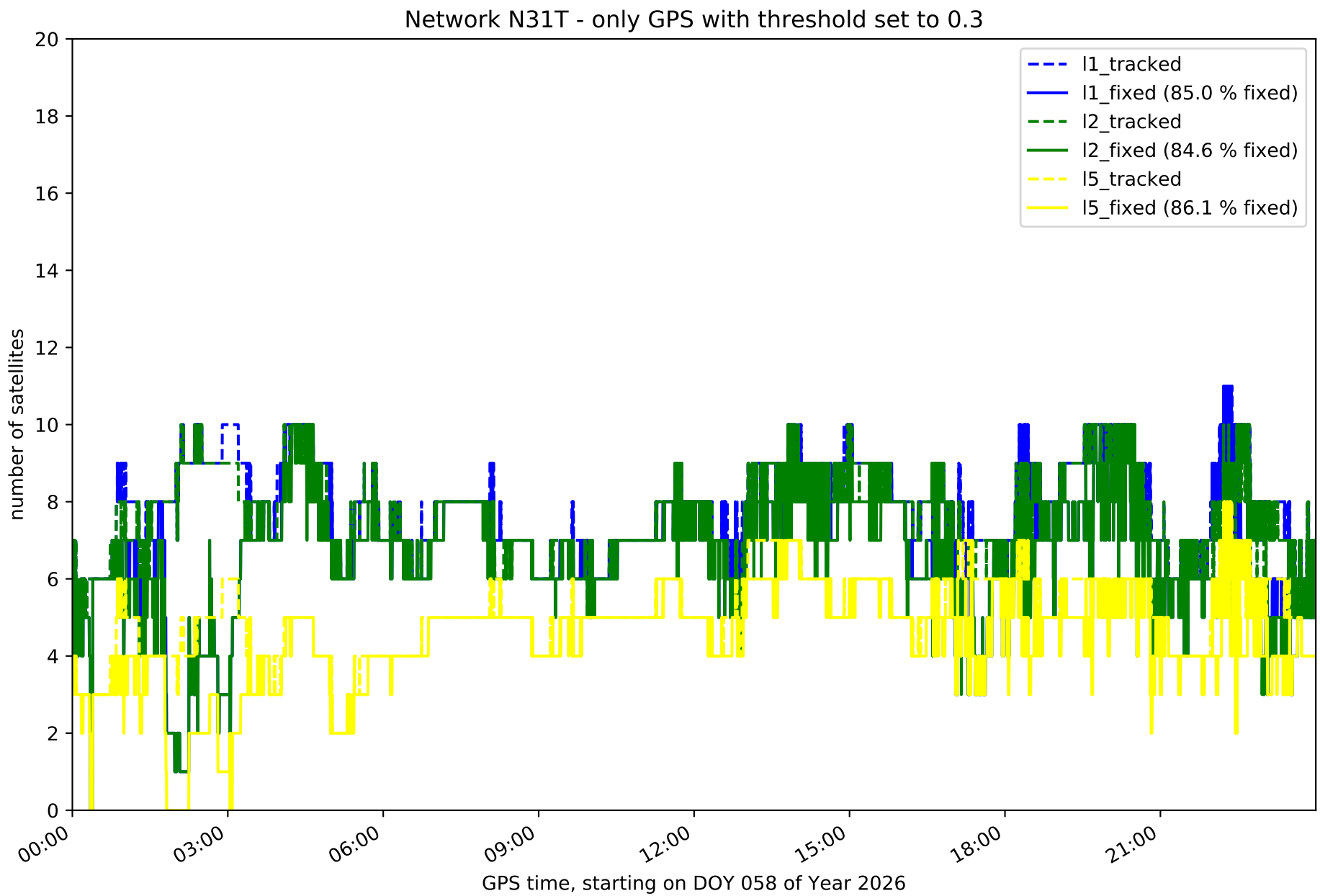
station FUER:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00	NONE	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20	NONE	receiver: LEICA GR25	height: 58.039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

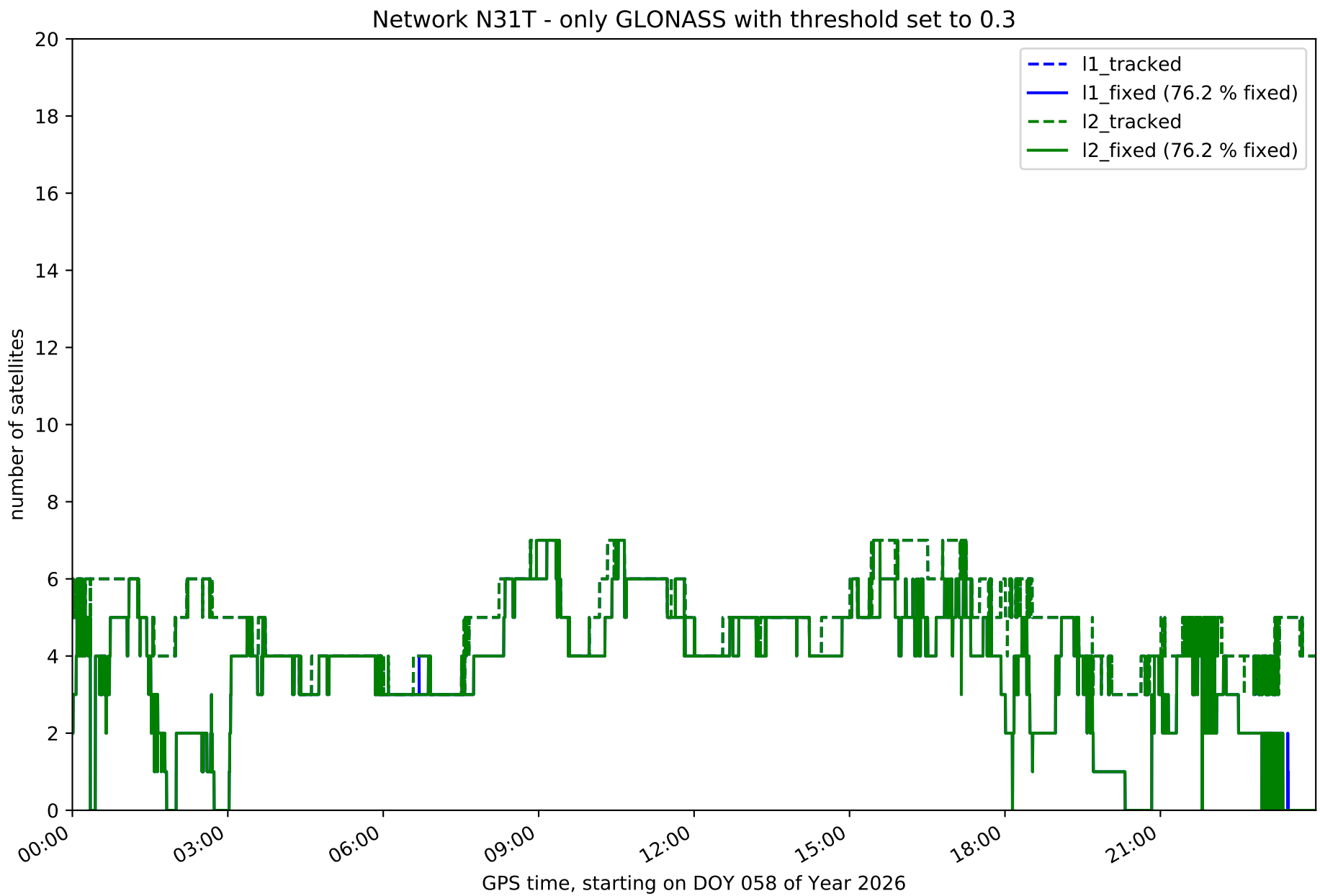

Processing rate in network N31T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

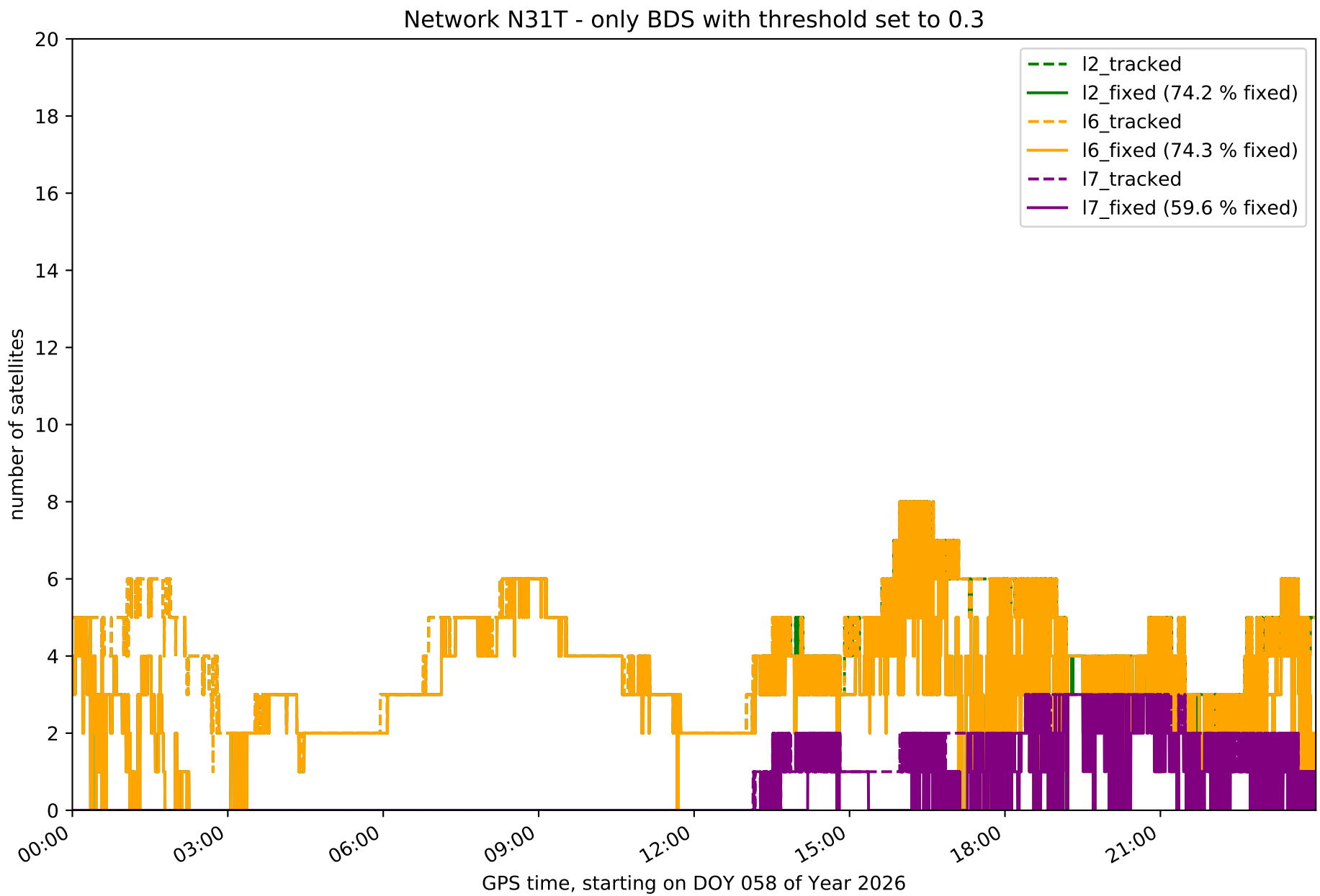

Histogram of the processing rate in network N31T (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
1
2
3
4
time difference to next processed epoch [s]

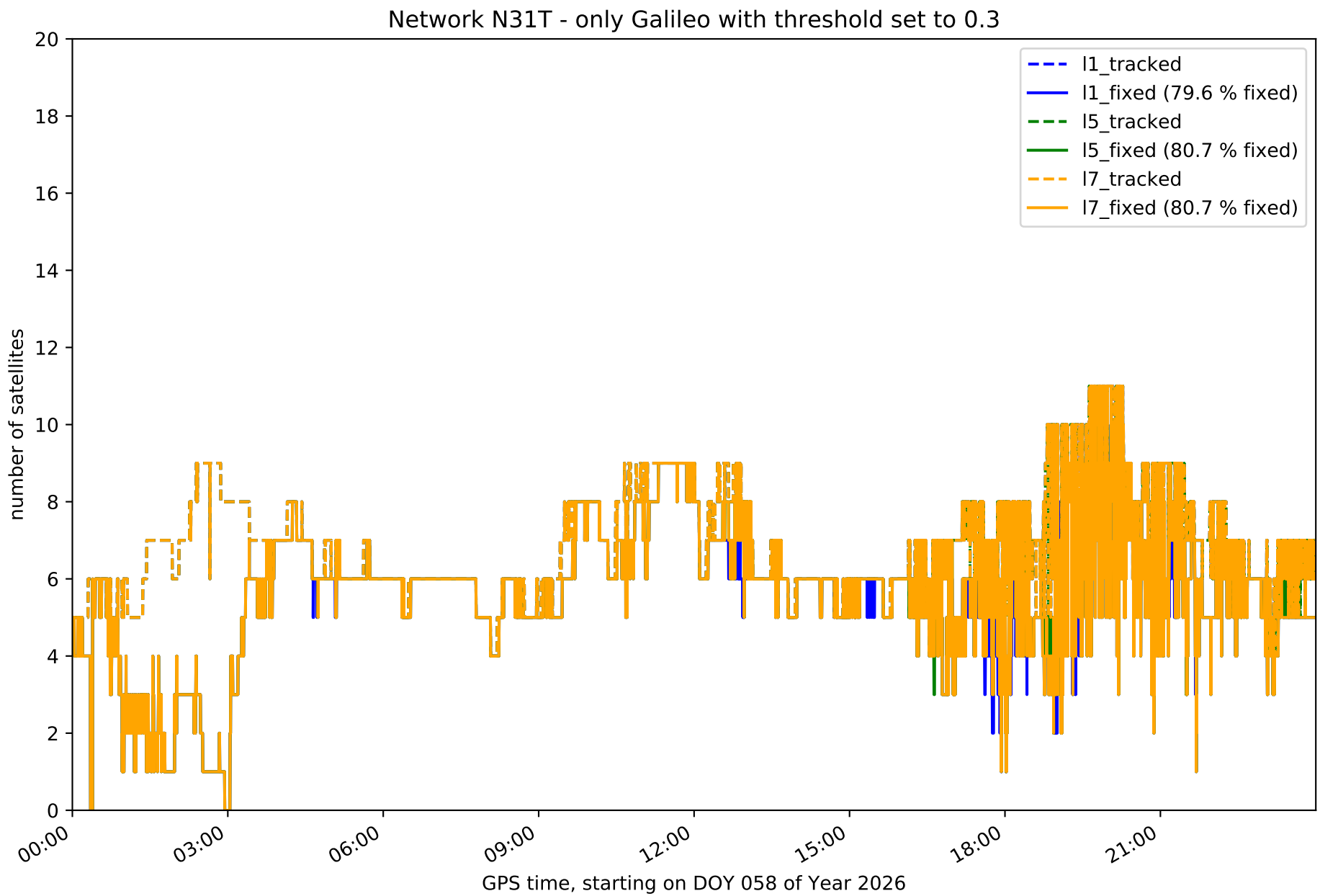

Network N31T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

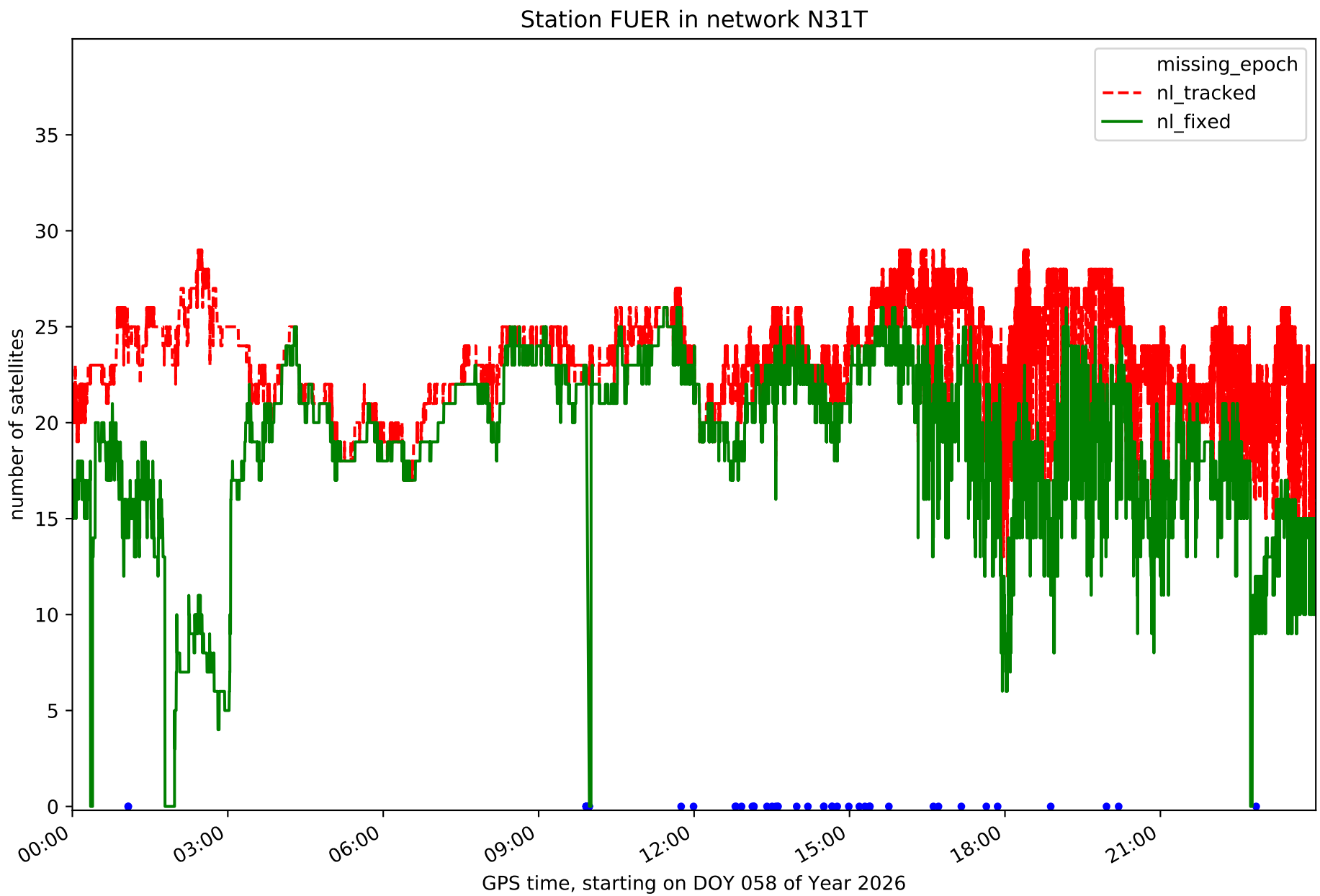

Fixing percentage of satellites in network N31T with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

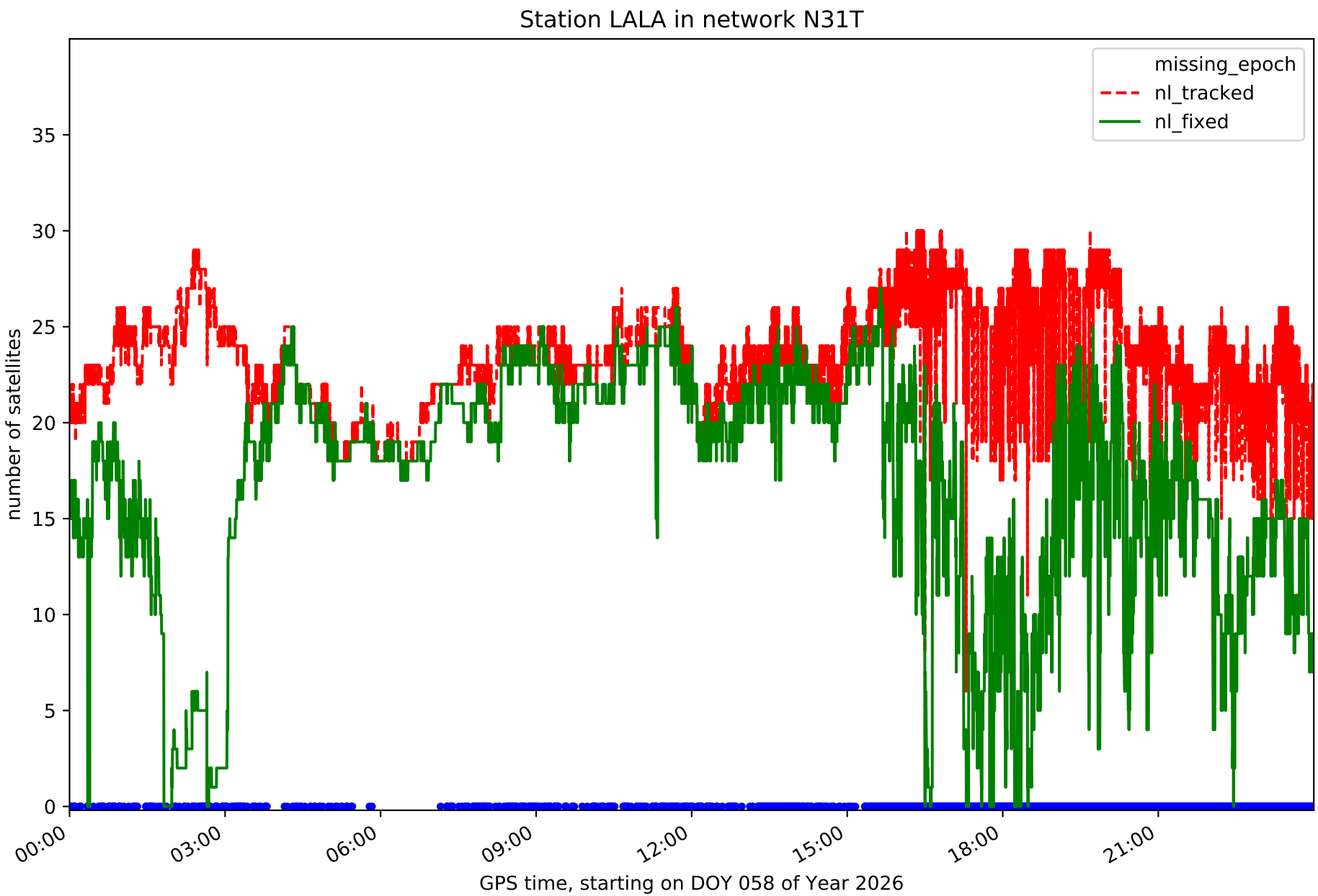

Network N31T - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (85.0 % fixed)
l2_tracked
l2_fixed (84.6 % fixed)
l5_tracked
l5_fixed (86.1 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

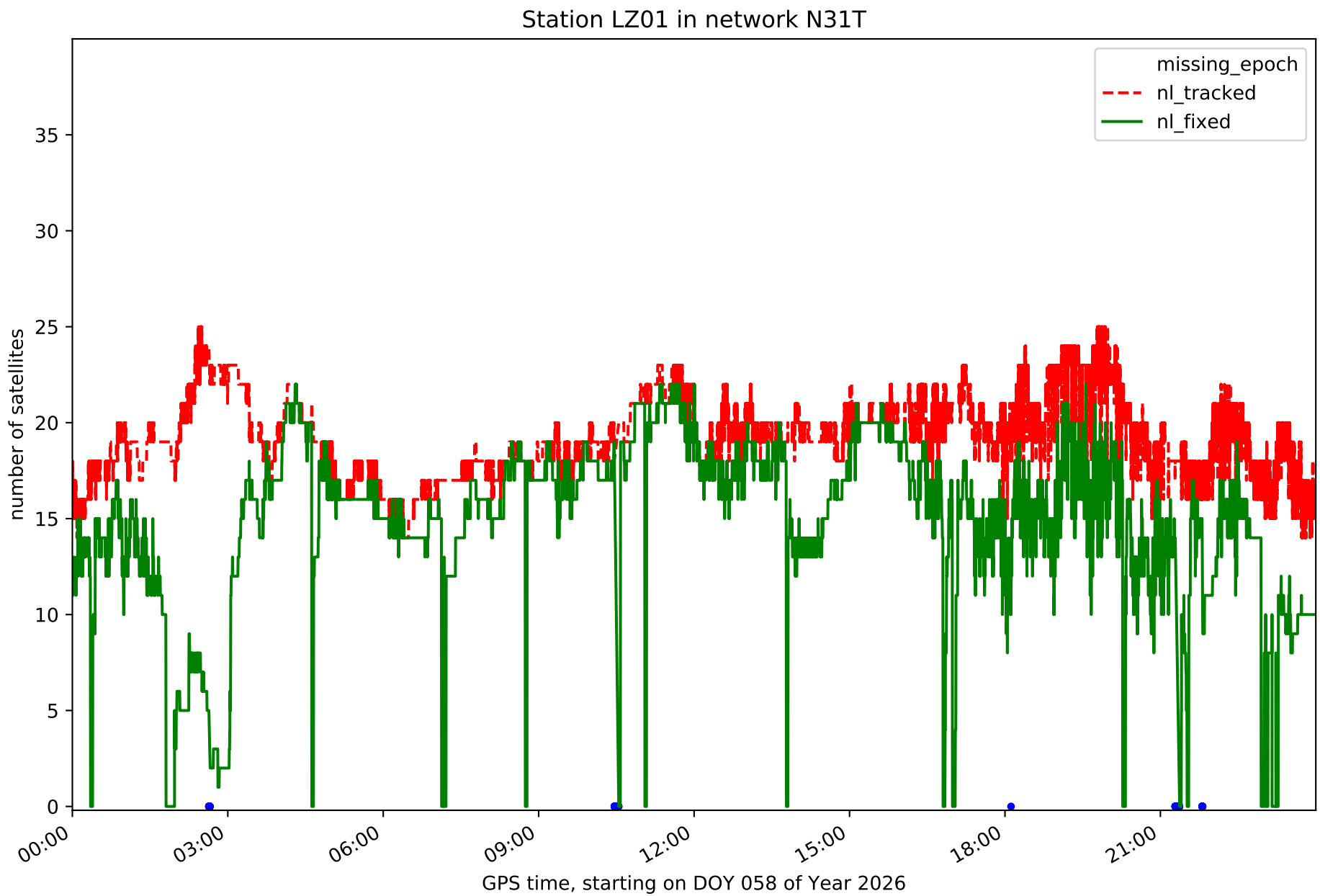

Network N31T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (76.2 % fixed)
l2_tracked
l2_fixed (76.2 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

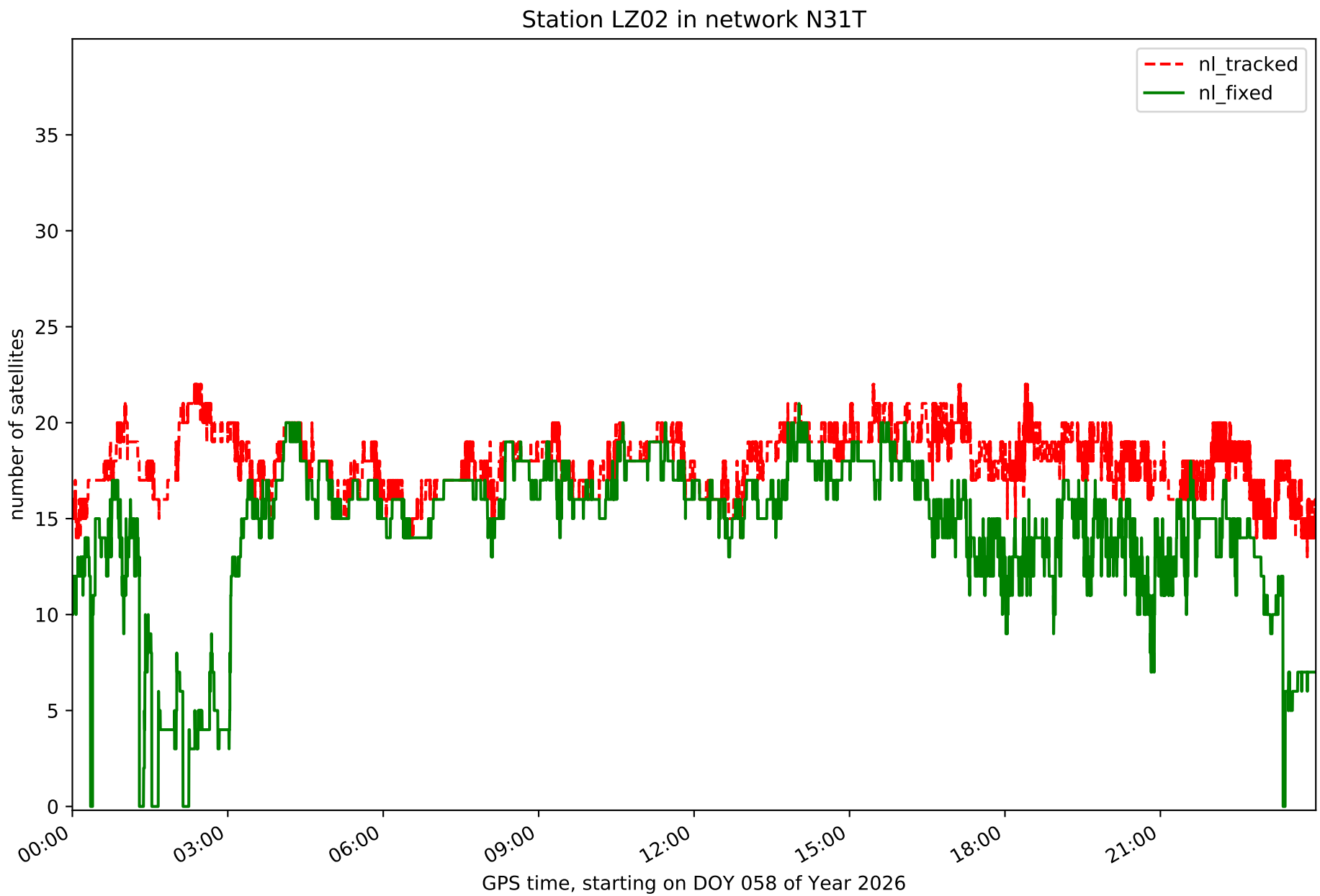

Network N31T - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 058 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (74.2 % fixed)
l6_tracked
l6_fixed (74.3 % fixed)
l7_tracked
l7_fixed (59.6 % fixed)

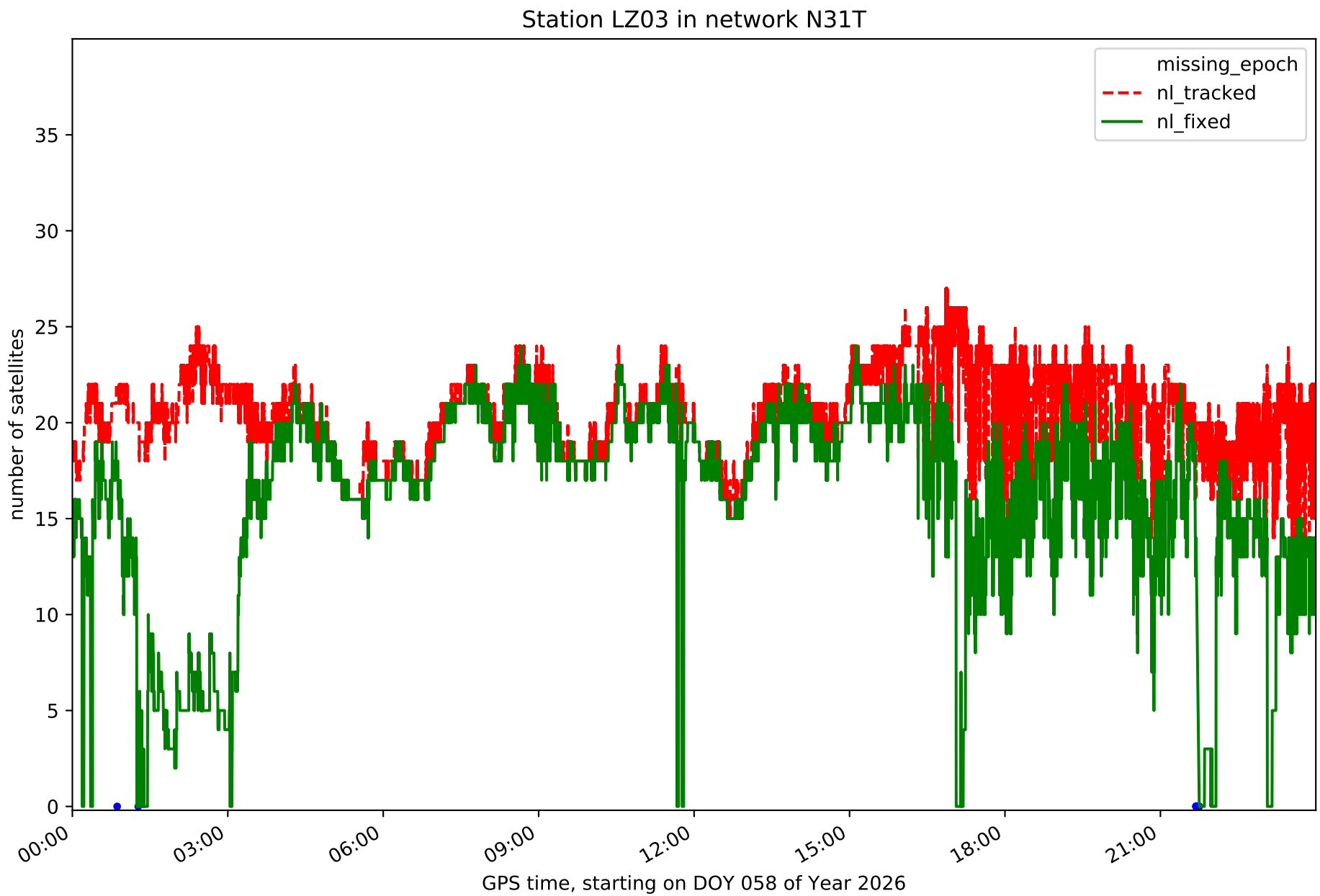

Network N31T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 058 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (79.6 % fixed)
l5_tracked
l5_fixed (80.7 % fixed)
l7_tracked
l7_fixed (80.7 % fixed)

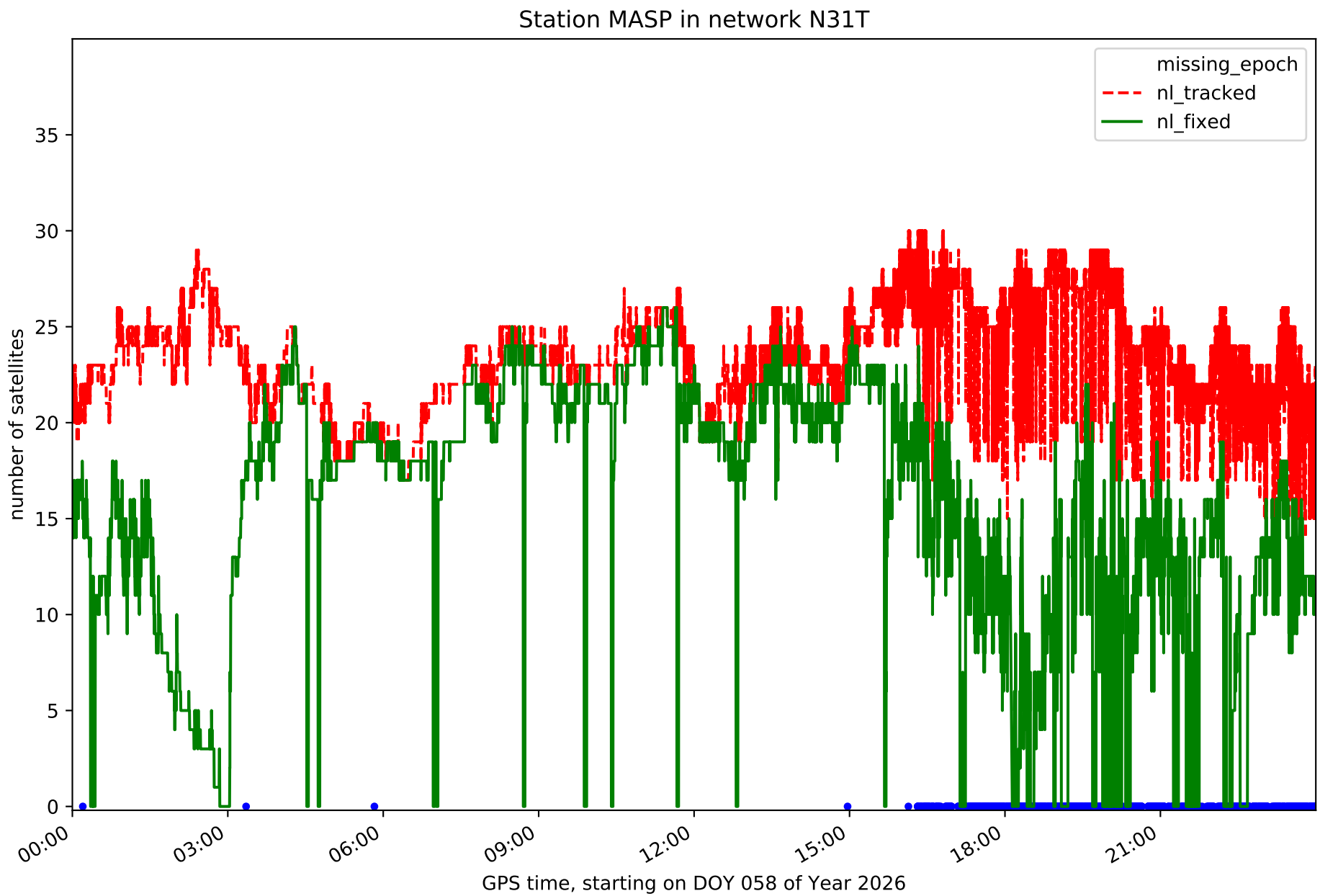

Station FUER in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

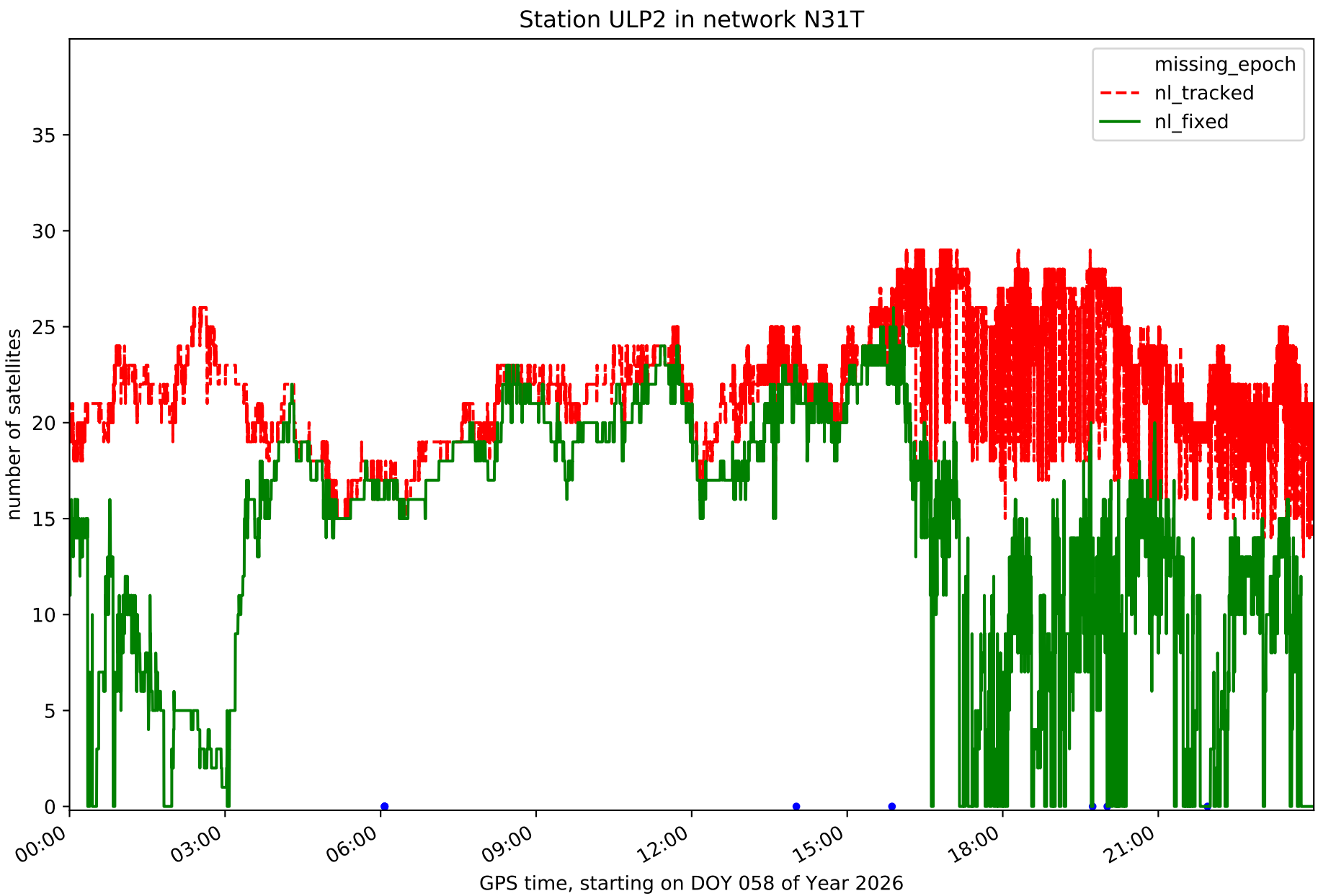

Station LALA in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

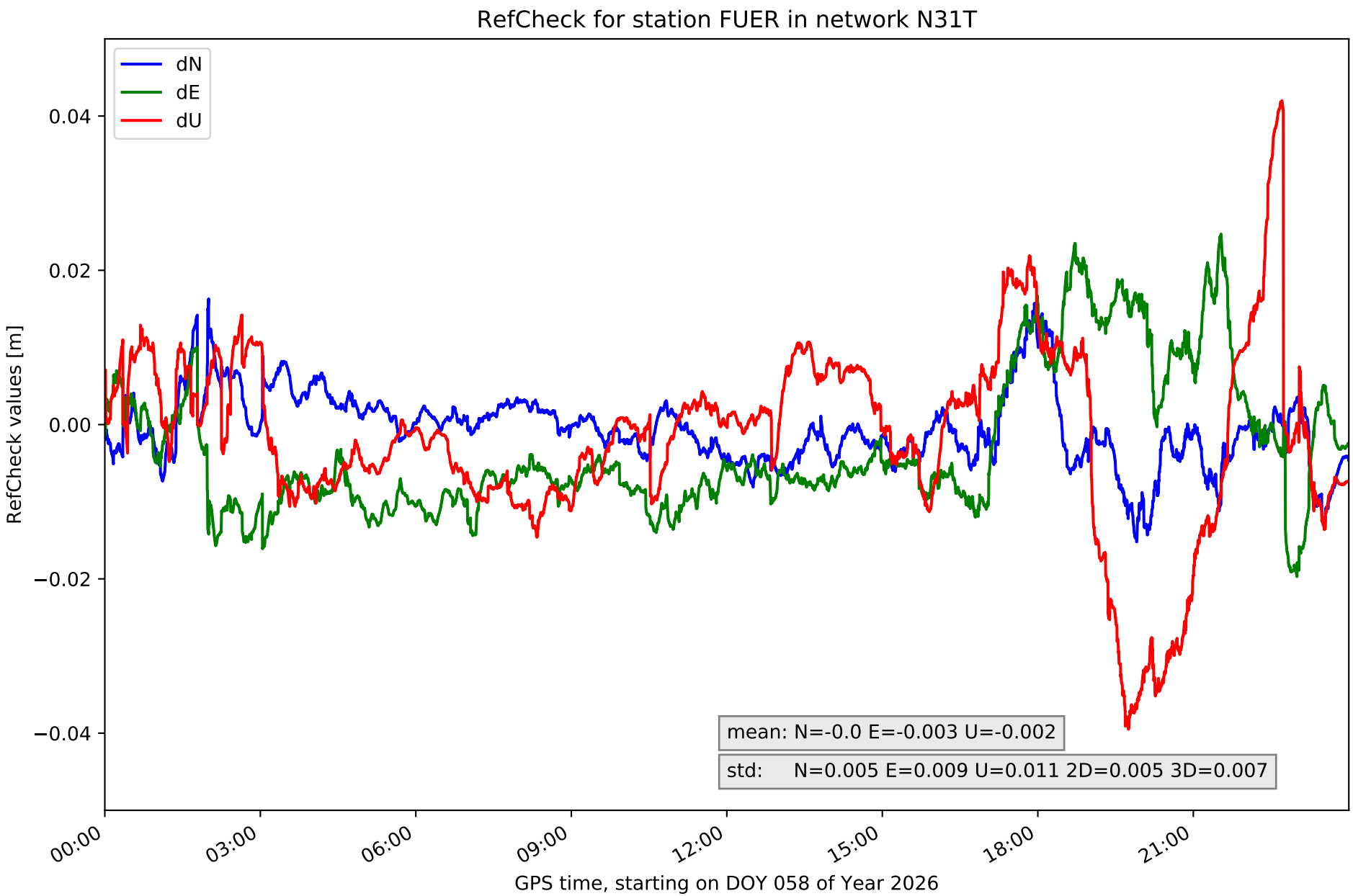

Station LZ01 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

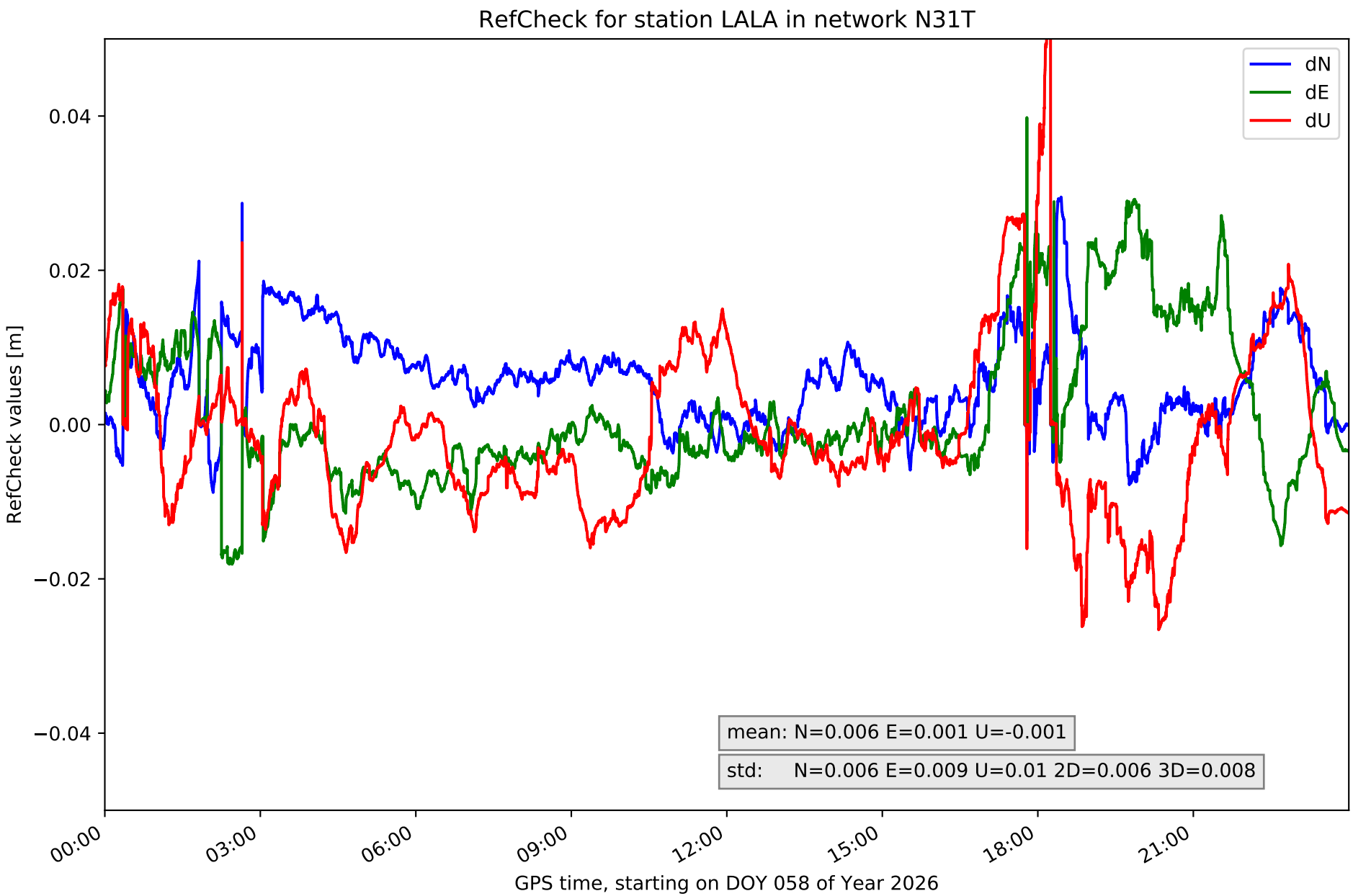

Station LZ02 in network N31T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

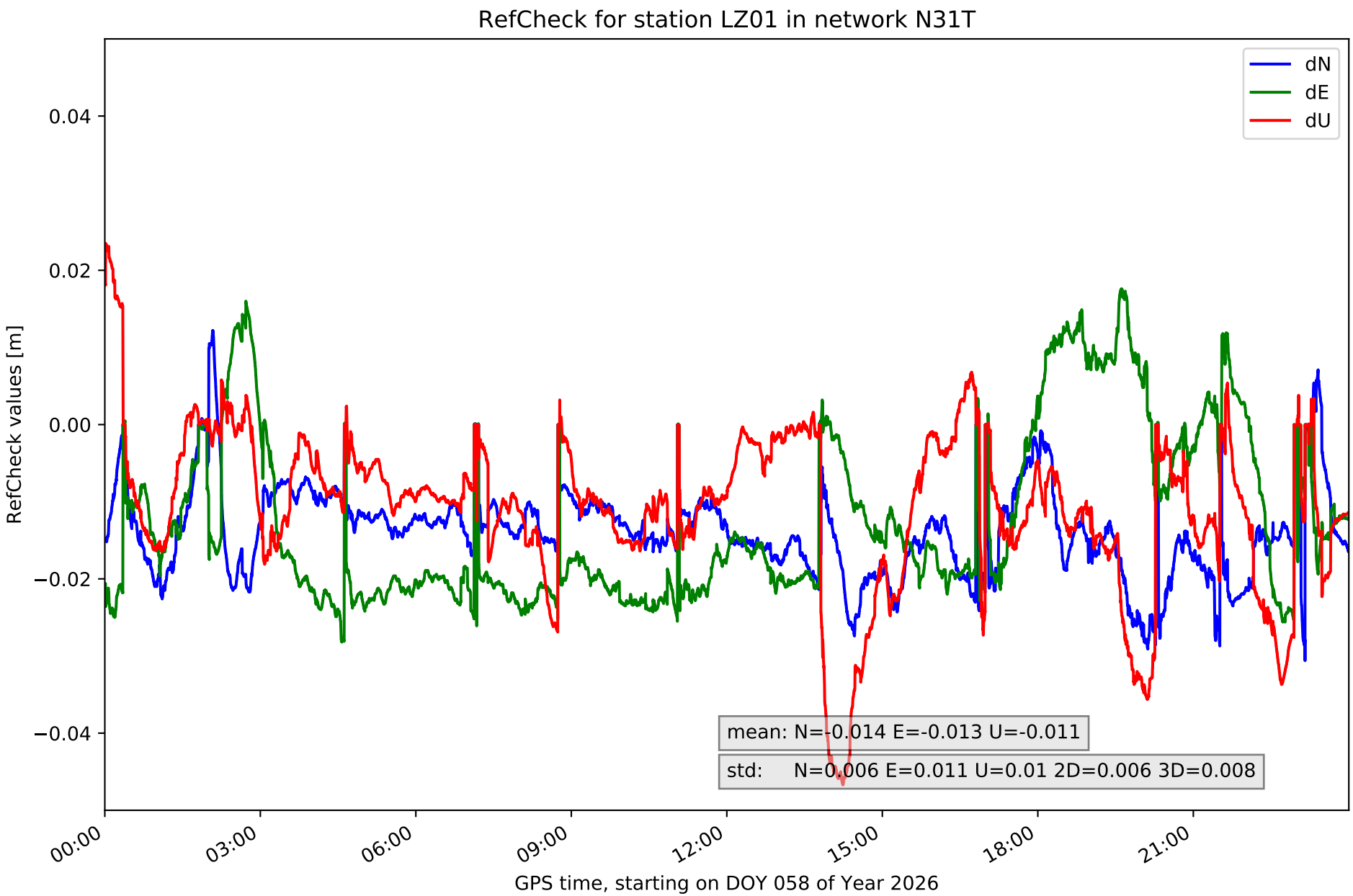

Station LZ03 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

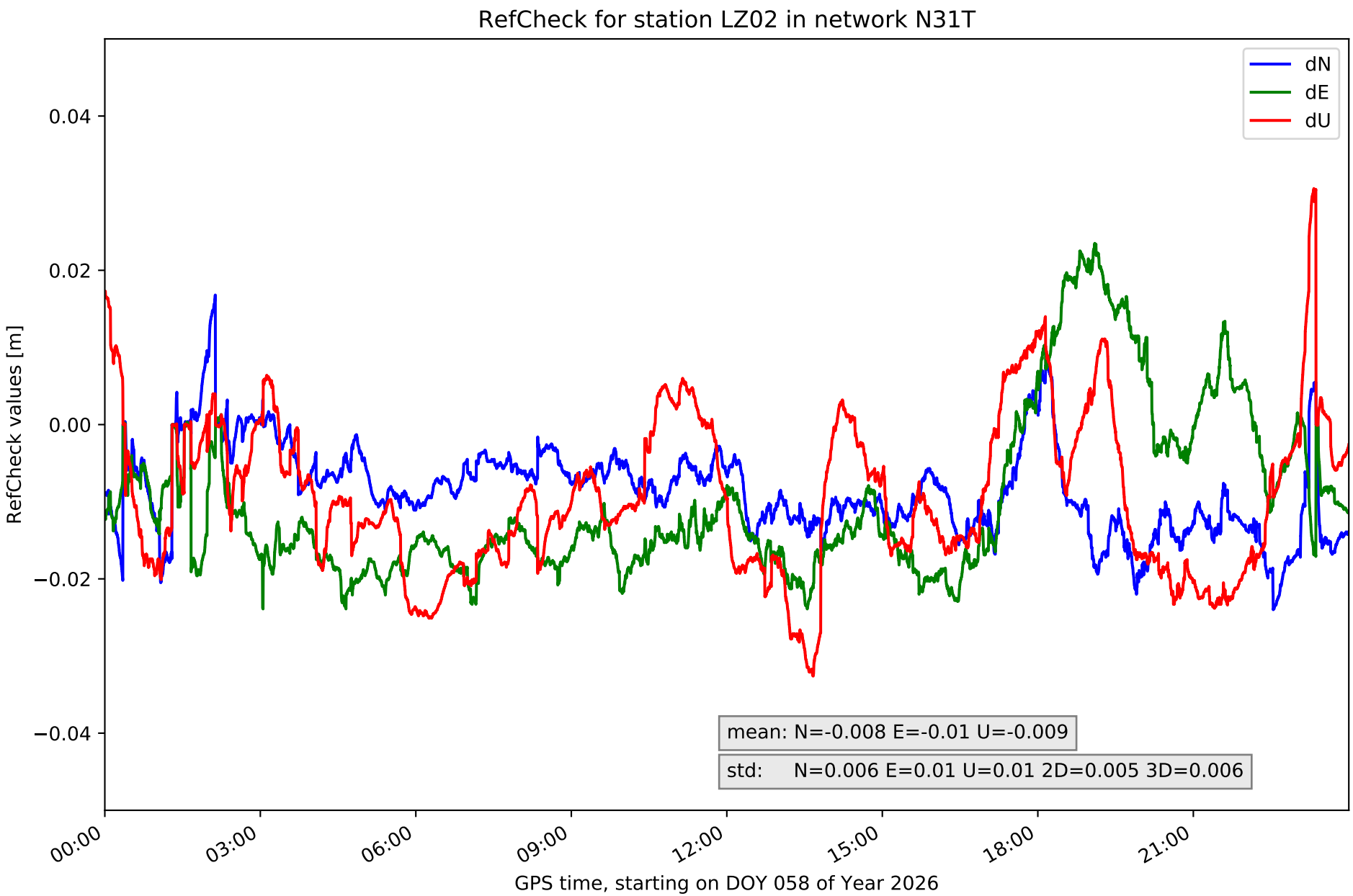

Station MASP in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

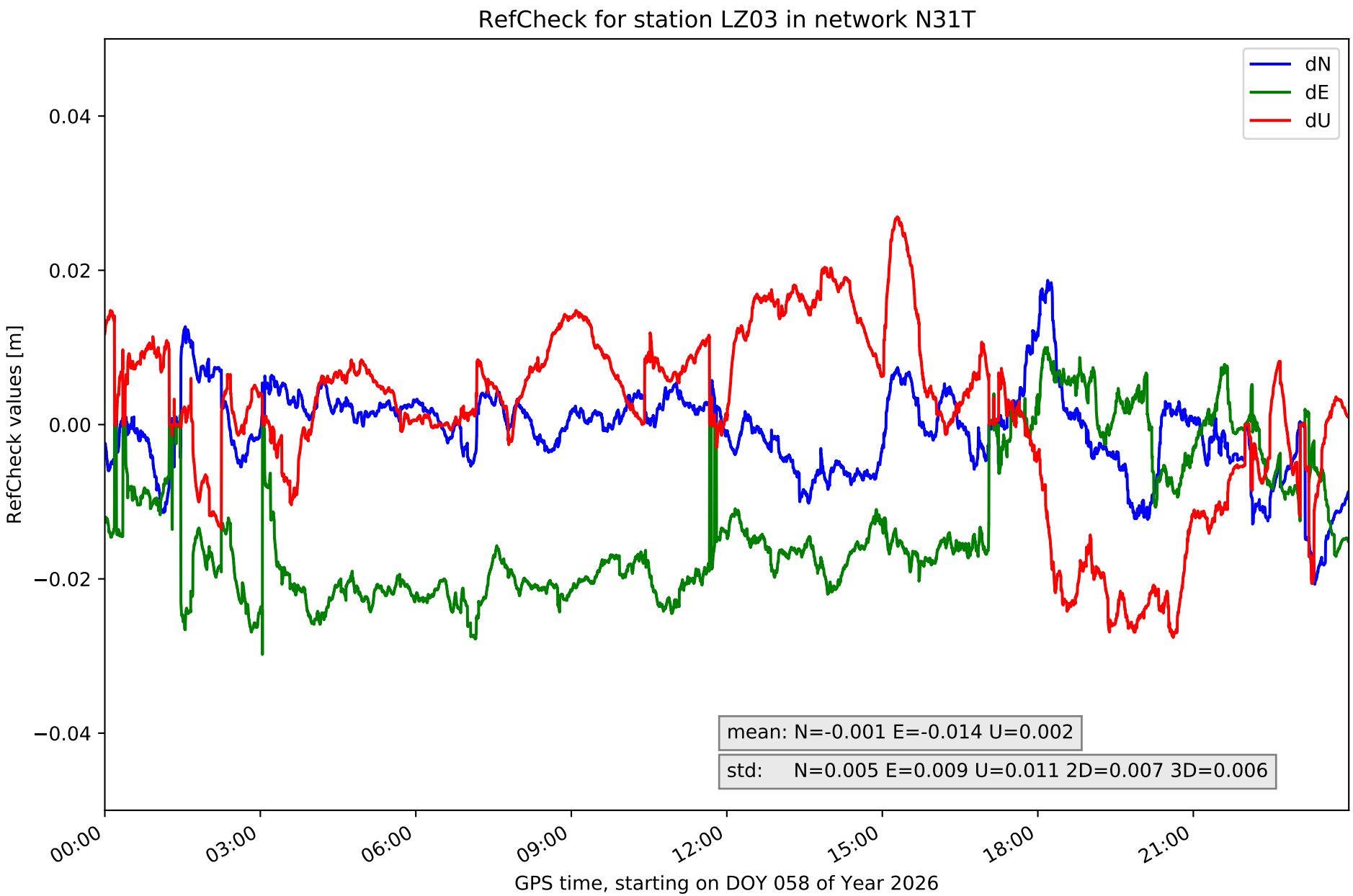

Station ULP2 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

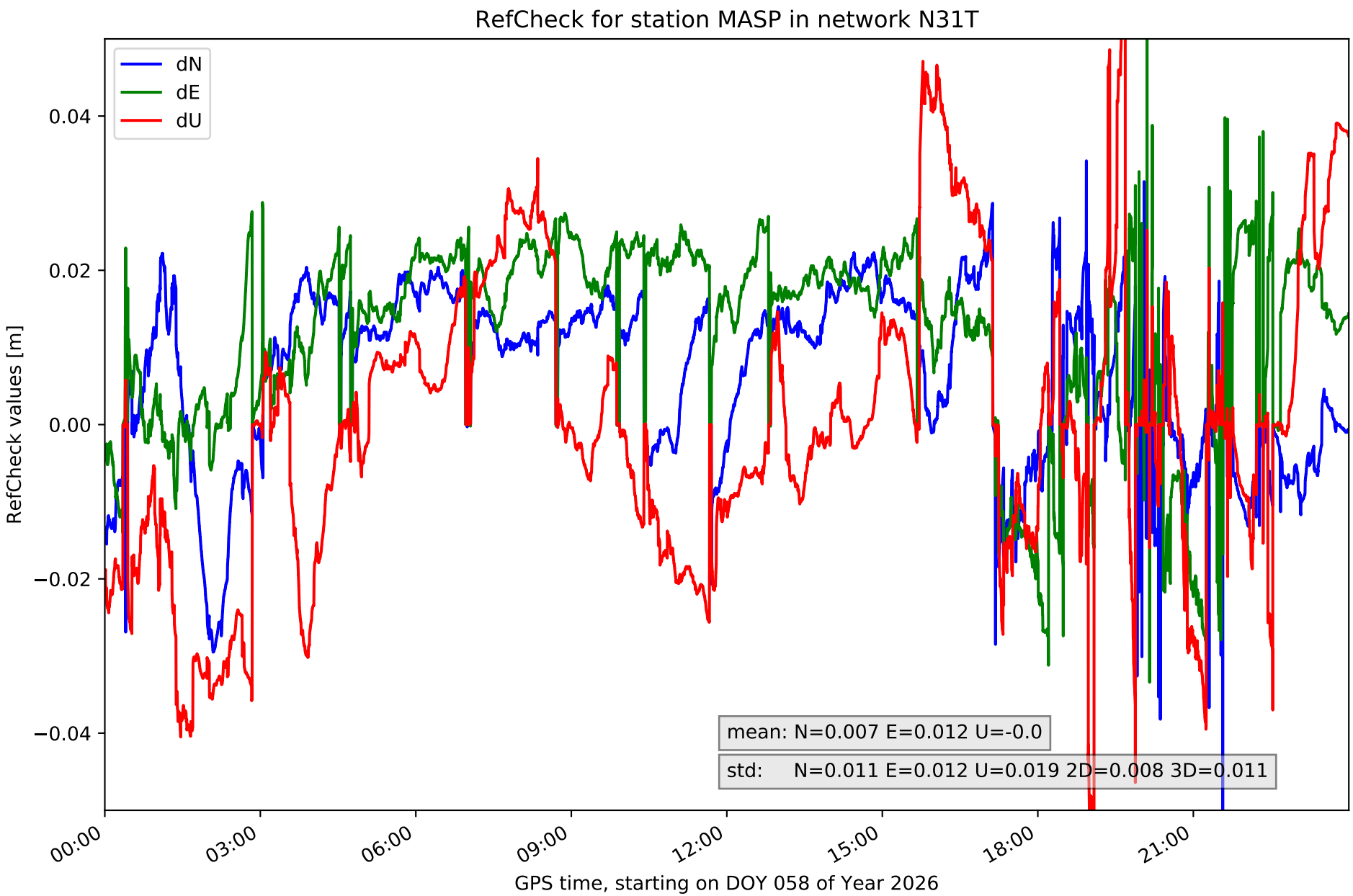

RefCheck for station FUER in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.003 U=-0.002
std: N=0.005 E=0.009 U=0.011 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026

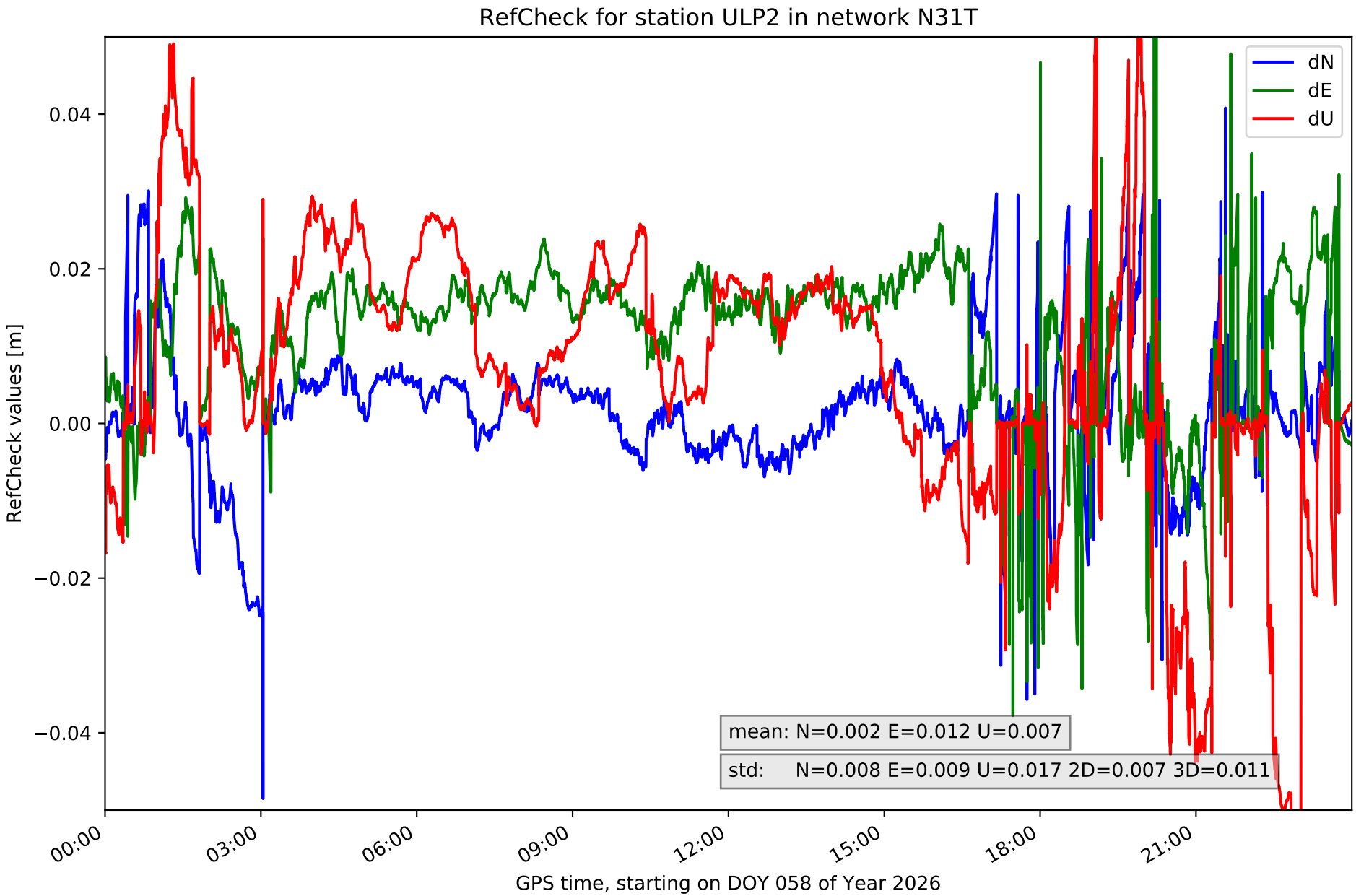

RefCheck for station LALA in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.001 U=-0.001
std: N=0.006 E=0.009 U=0.01 2D=0.006 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 of Year 2026


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=-0.014 E=-0.013 U=-0.011
std: N=0.006 E=0.011 U=0.01 2D=0.006 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 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=-0.009
std: N=0.006 E=0.01 U=0.01 2D=0.005 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 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=-0.001 E=-0.014 U=0.002
std: N=0.005 E=0.009 U=0.011 2D=0.007 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 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=0.007 E=0.012 U=-0.0
std: N=0.011 E=0.012 U=0.019 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 058 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=0.012 U=0.007
std: N=0.008 E=0.009 U=0.017 2D=0.007 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 058 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	-0.015	0.016	0.005	-0.02	0.025	0.009	-0.04	0.042	0.011	0.005	0.007	29530	37.5	11206	14.2
LALA	-0.014	0.029	0.006	-0.018	0.04	0.009	-0.027	0.062	0.01	0.006	0.008	34077	43.3	15434	19.6
LZ01	-0.031	0.012	0.006	-0.028	0.018	0.011	-0.047	0.024	0.01	0.006	0.008	**73126**	**92.9**	**67021**	**85.1**
LZ02	-0.024	0.017	0.006	-0.024	0.024	0.01	-0.033	0.031	0.01	0.005	0.006	72872	92.6	46282	58.8
LZ03	-0.021	0.019	0.005	-0.03	0.01	0.009	-0.028	0.027	0.011	0.007	0.006	62869	79.9	46451	59.0
MASP	**-0.062**	0.034	**0.011**	-0.033	**0.066**	**0.012**	**-0.063**	**0.063**	**0.019**	**0.008**	**0.011**	66320	84.2	63229	80.3
ULP2	-0.049	**0.041**	0.008	**-0.038**	0.06	0.009	-0.06	**0.063**	0.017	0.007	**0.011**	65689	83.4	51323	65.2
Mean	**-0.031**	**0.024**	**0.007**	**-0.027**	**0.035**	**0.01**	**-0.043**	**0.045**	**0.013**	**0.006**	**0.008**	**57783.3**	**73.4**	**42992.3**	**54.6**
Min/Max	**-0.062**	**0.041**	**0.011**	**-0.038**	**0.066**	**0.012**	**-0.063**	**0.063**	**0.019**	**0.008**	**0.011**	**73126**	**92.9**	**67021**	**85.1**

fixing statistic for network N31T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	80.6	85.0	76.2	79.6	74.2
considering satellites with dual-frequency fixed	74.5	78.1	69.1	75.8	71.3
considering all signals separately	75.1	78.7	69.1	76.3	69.9