summary for network N31T

timeperiod chosen: from 2026-11-01-00:00:00 until 2026-11-01-23:59:59

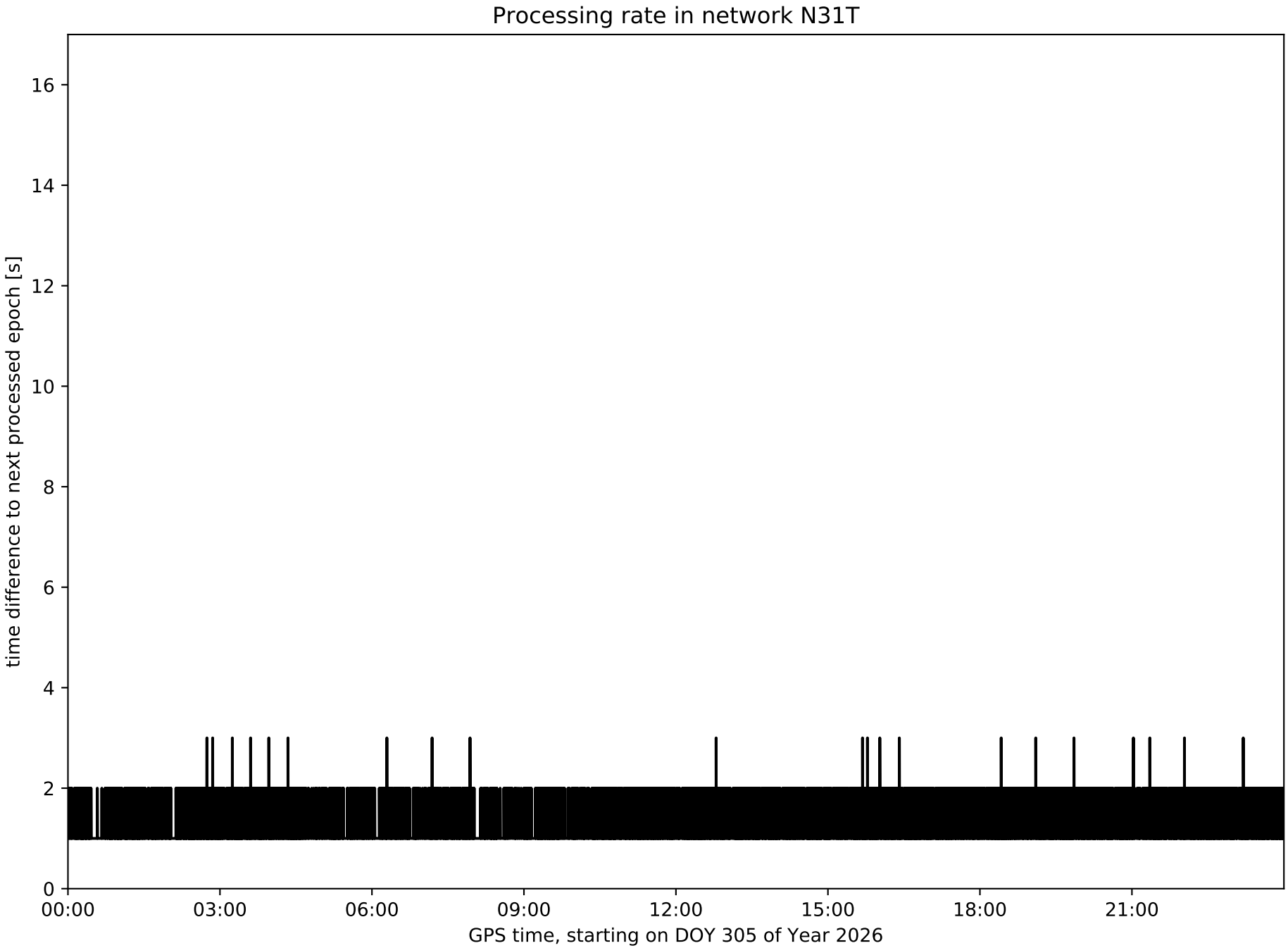
average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

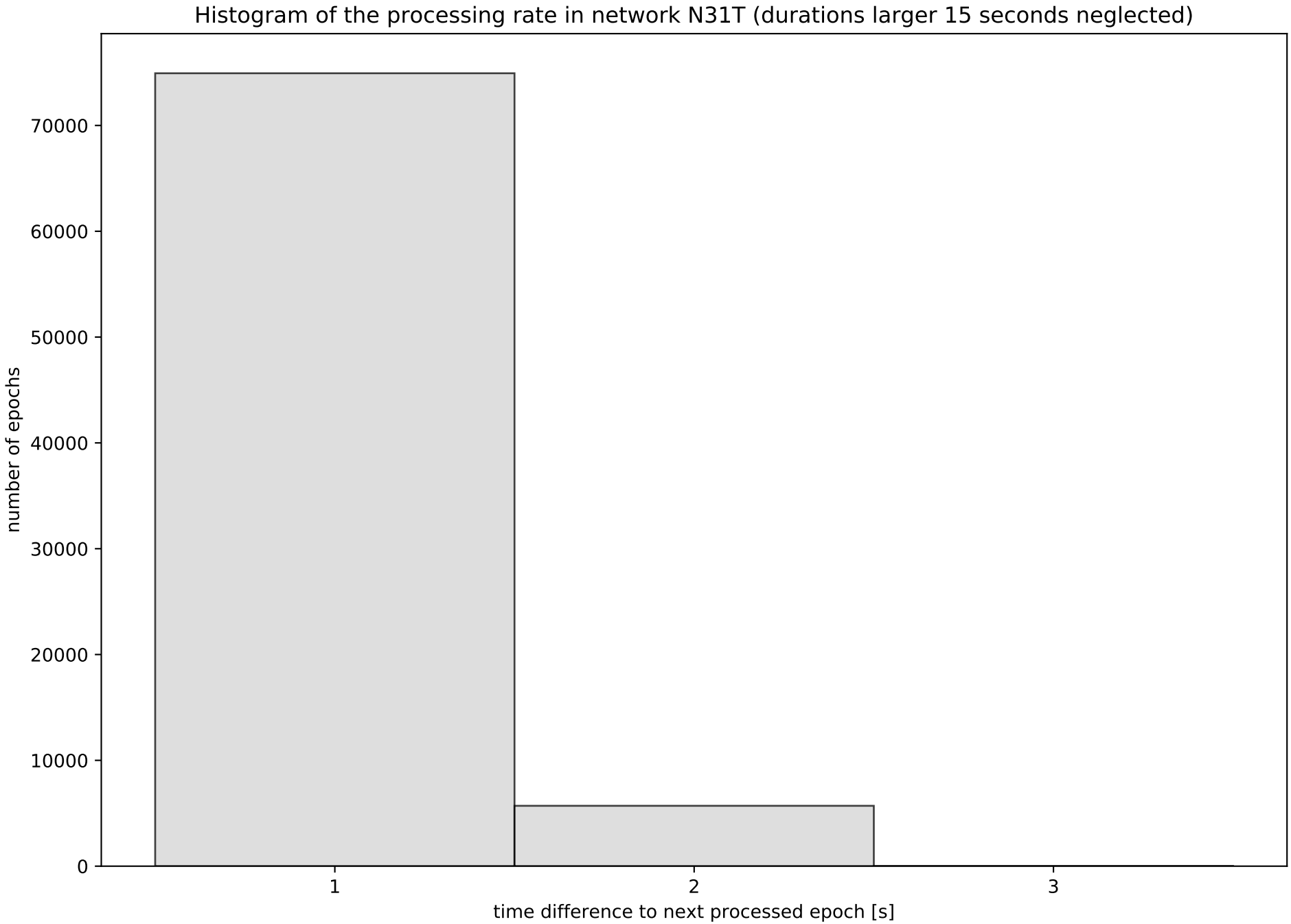
average fixing percentage with threshold set to 0.3: 87.0 percent

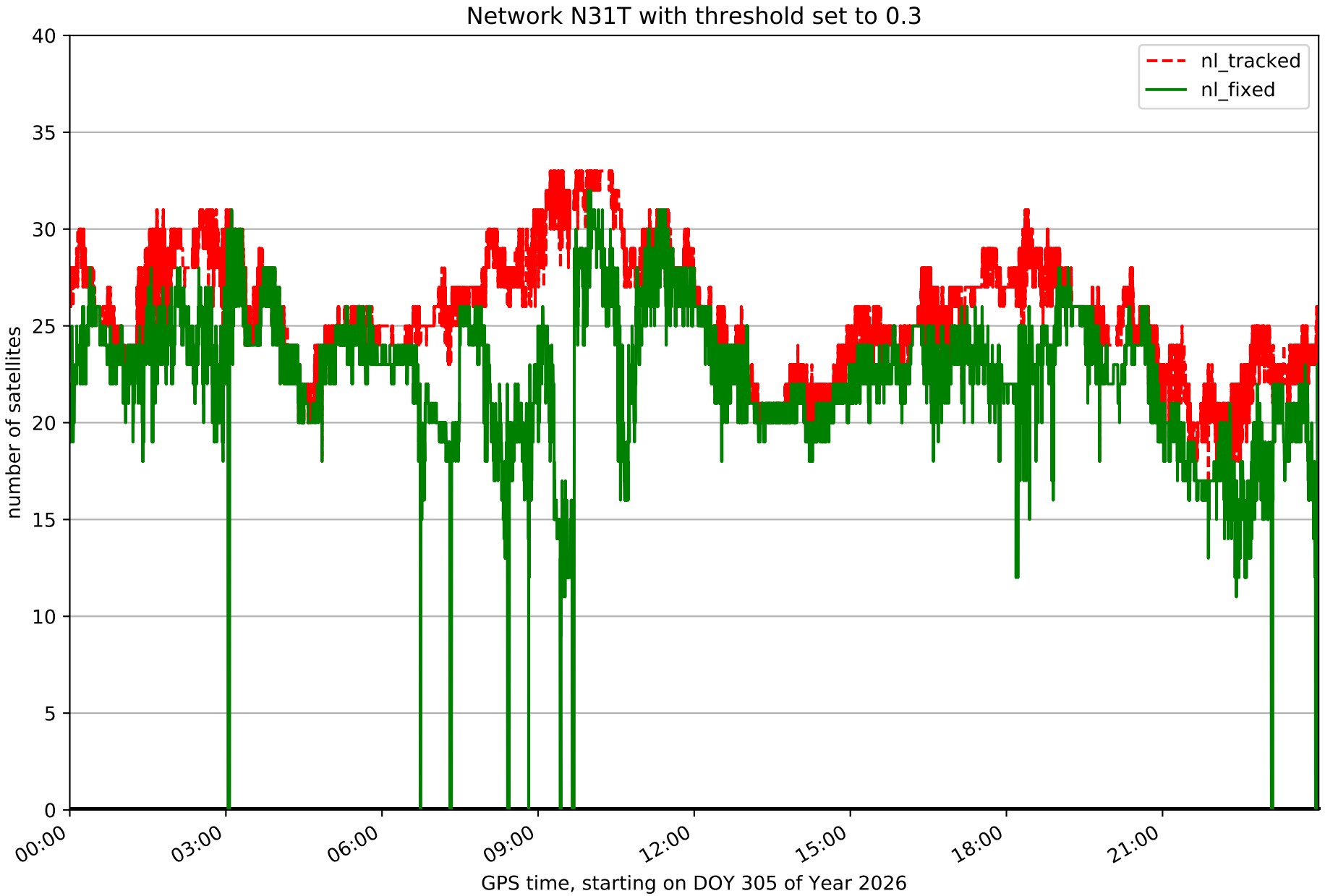
stations available: 7 of 7

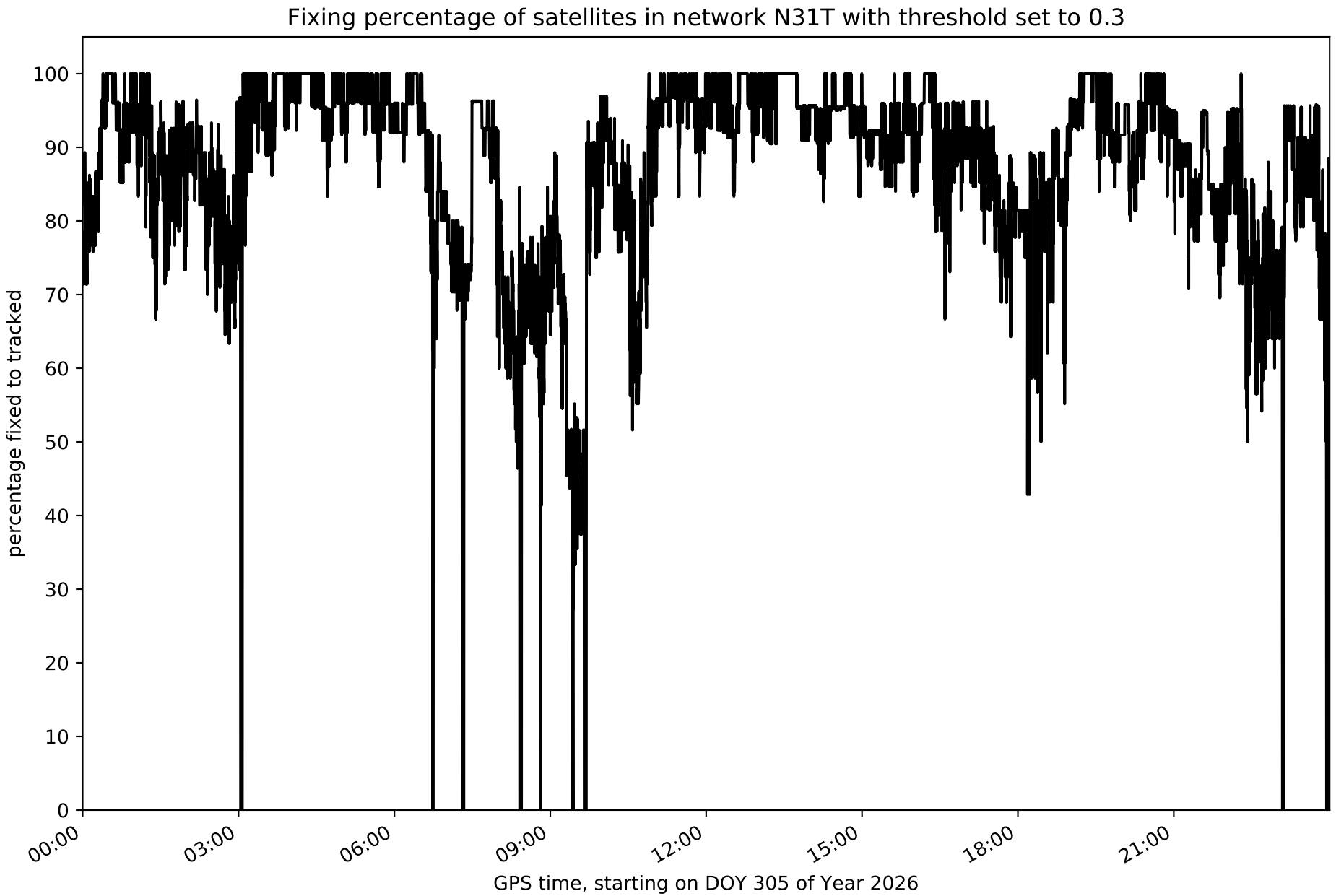
station information:

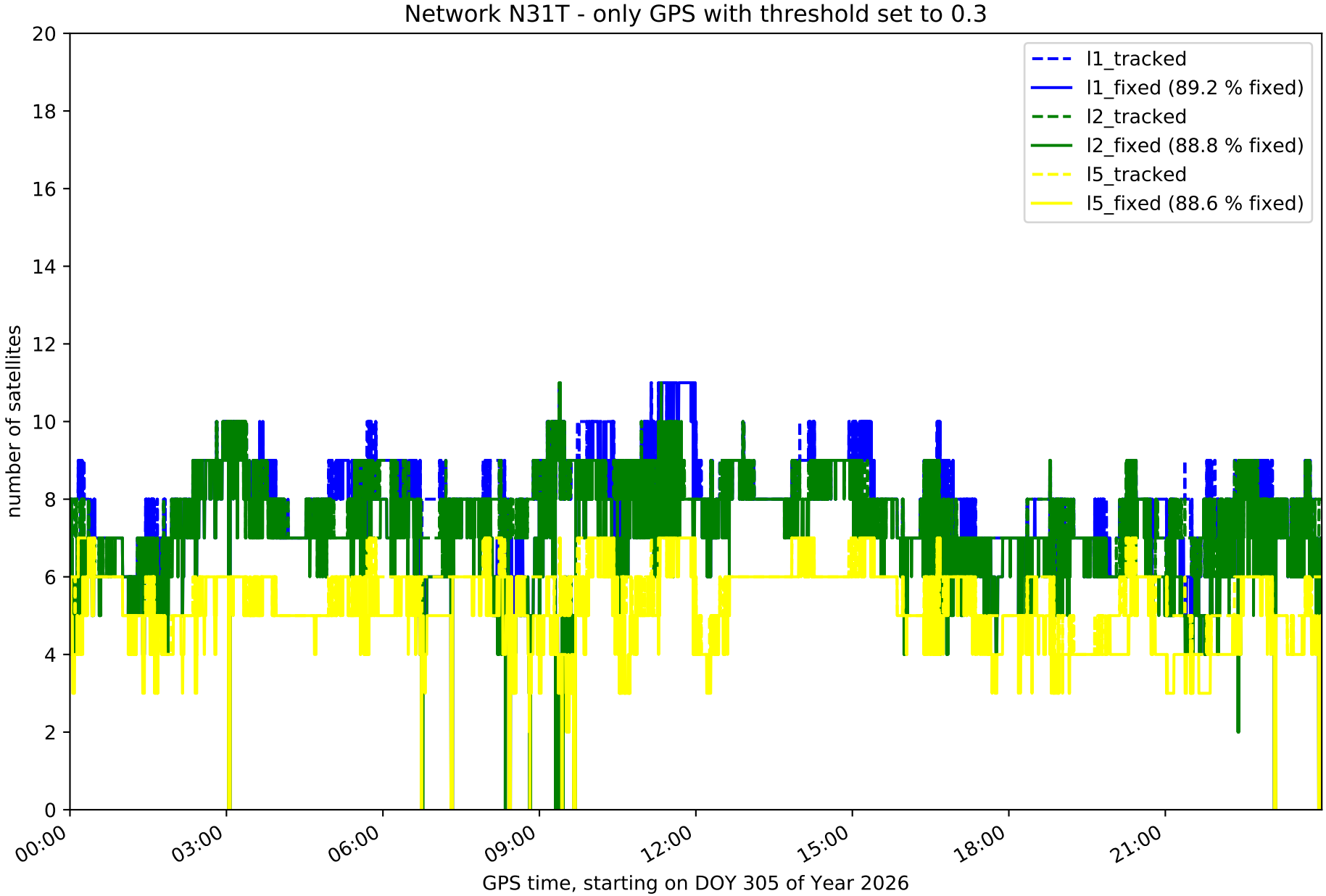
station FUER:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20 NONE	receiver: LEICA GR25	height: 58.039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

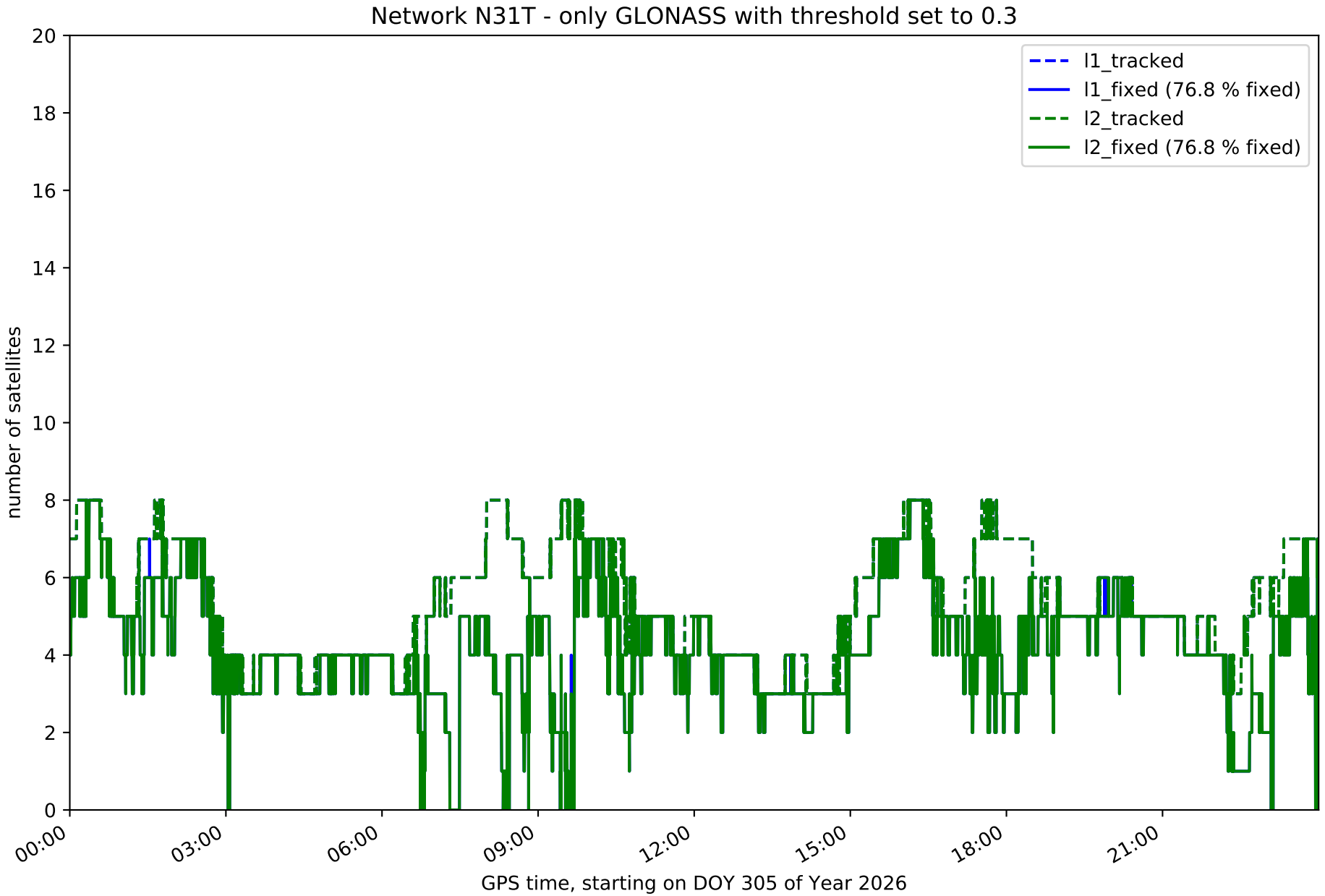

Processing rate in network N31T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

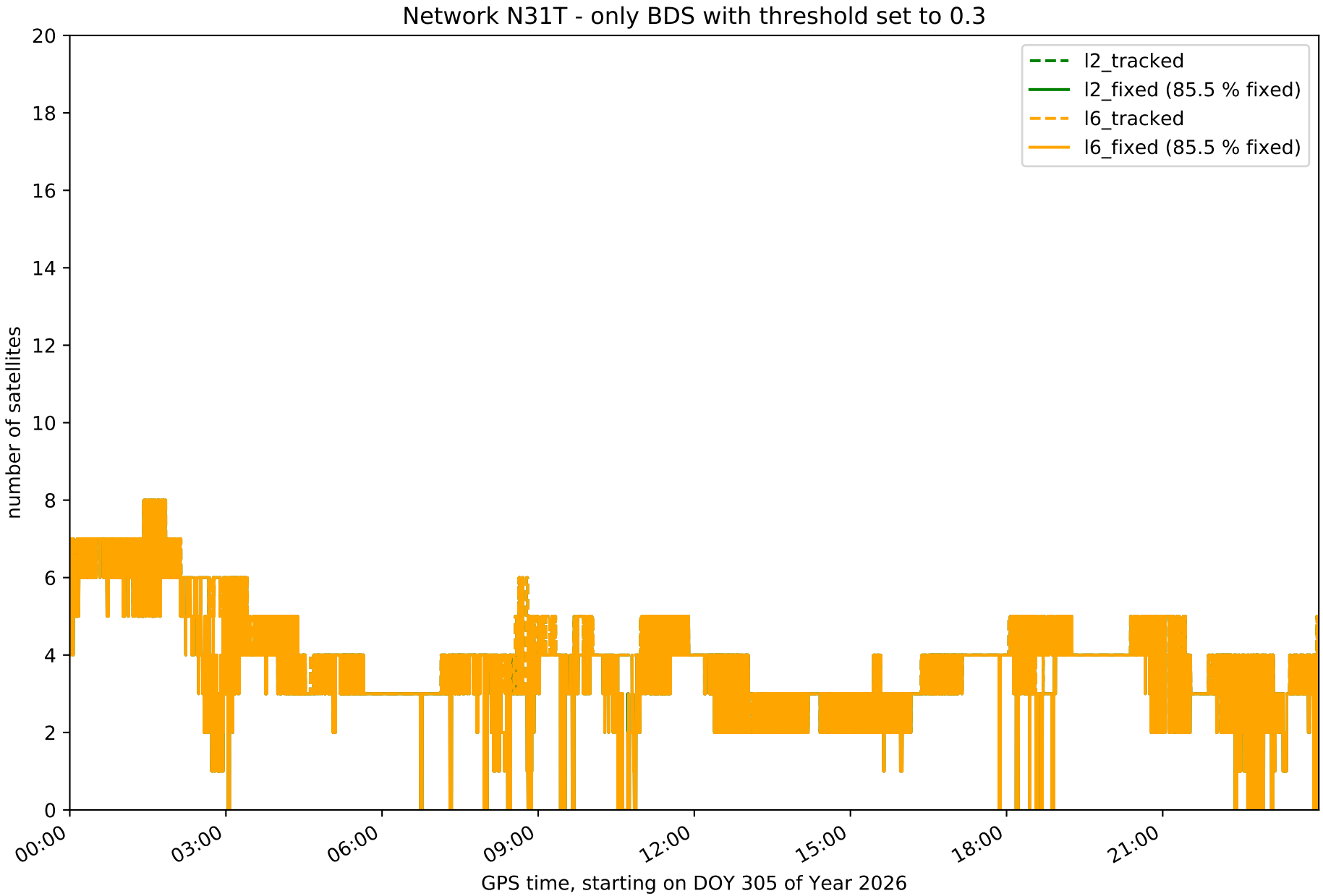

Histogram of the processing rate in network N31T (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
1
2
3
time difference to next processed epoch [s]

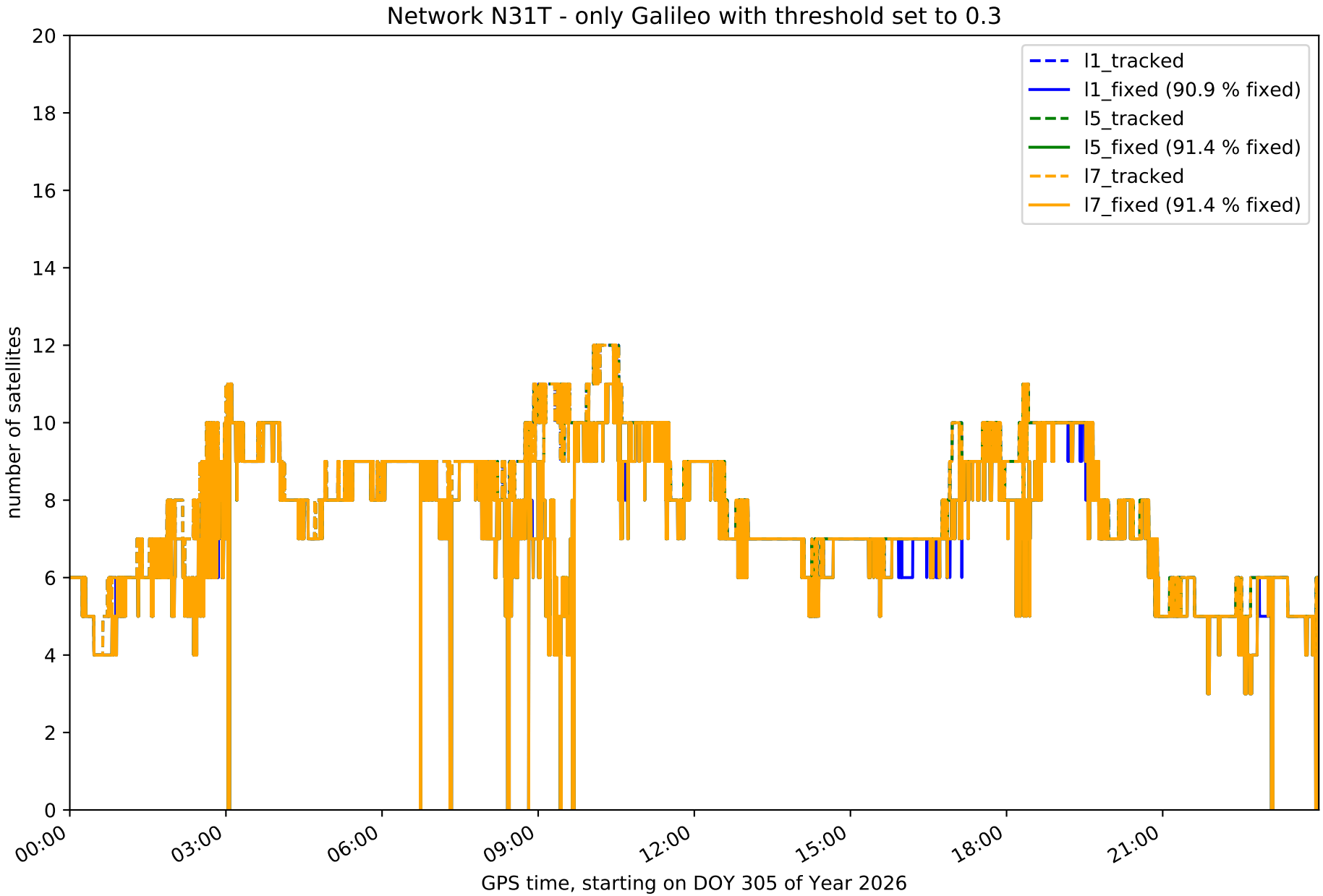

Network N31T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

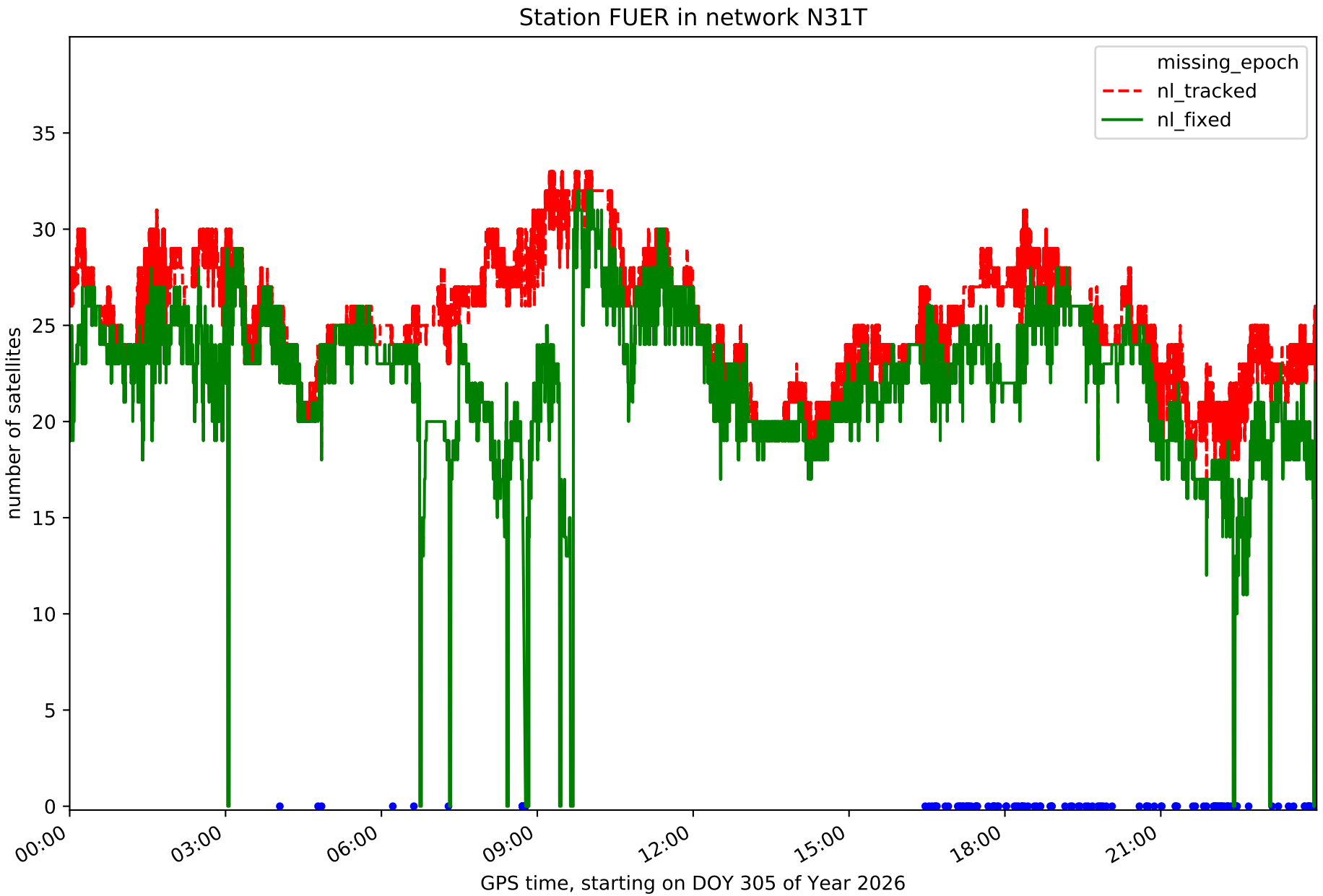

Fixing percentage of satellites in network N31T with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

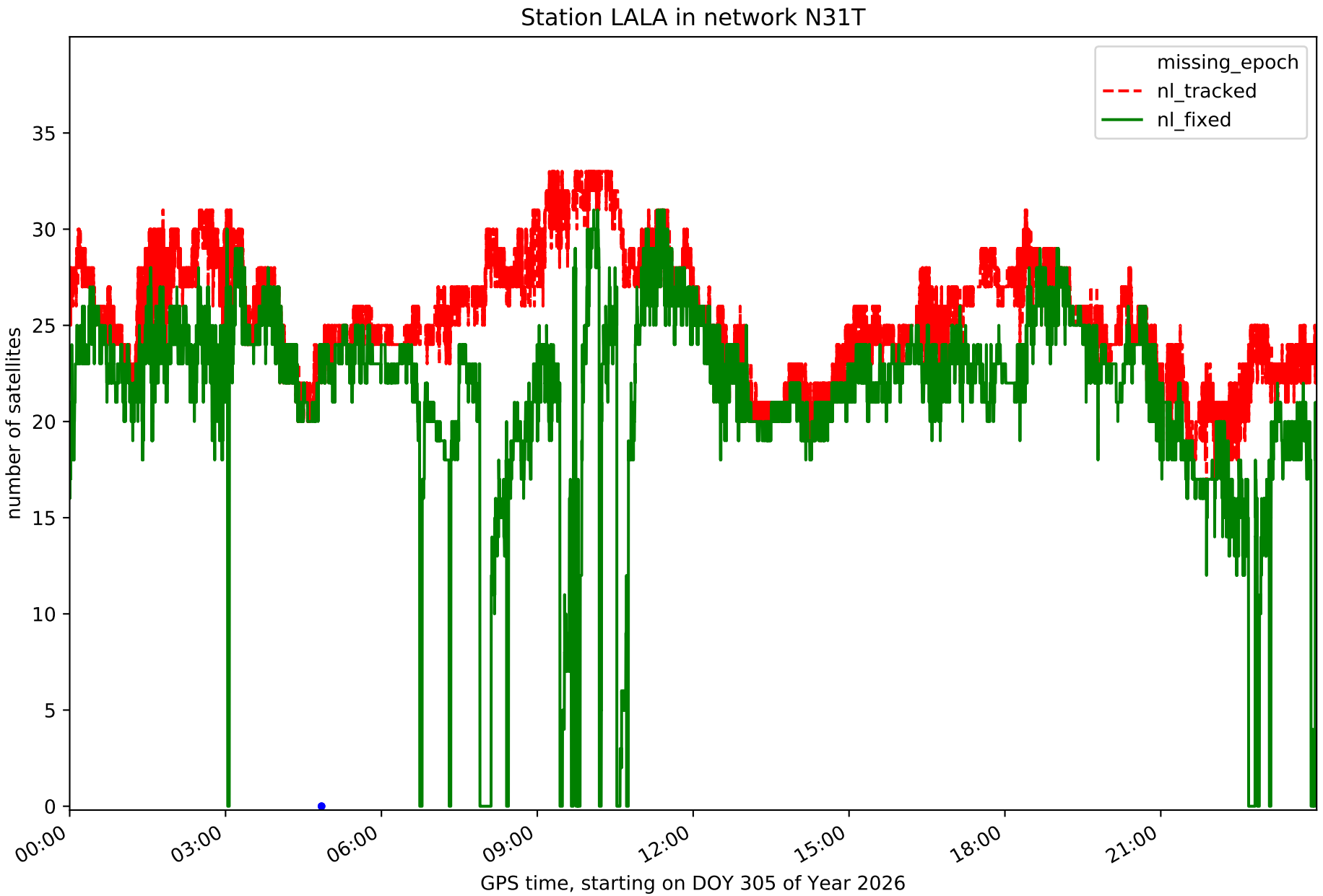

Network N31T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
l1_tracked
l1_fixed (89.2 % fixed)
l2_tracked
l2_fixed (88.8 % fixed)
l5_tracked
l5_fixed (88.6 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

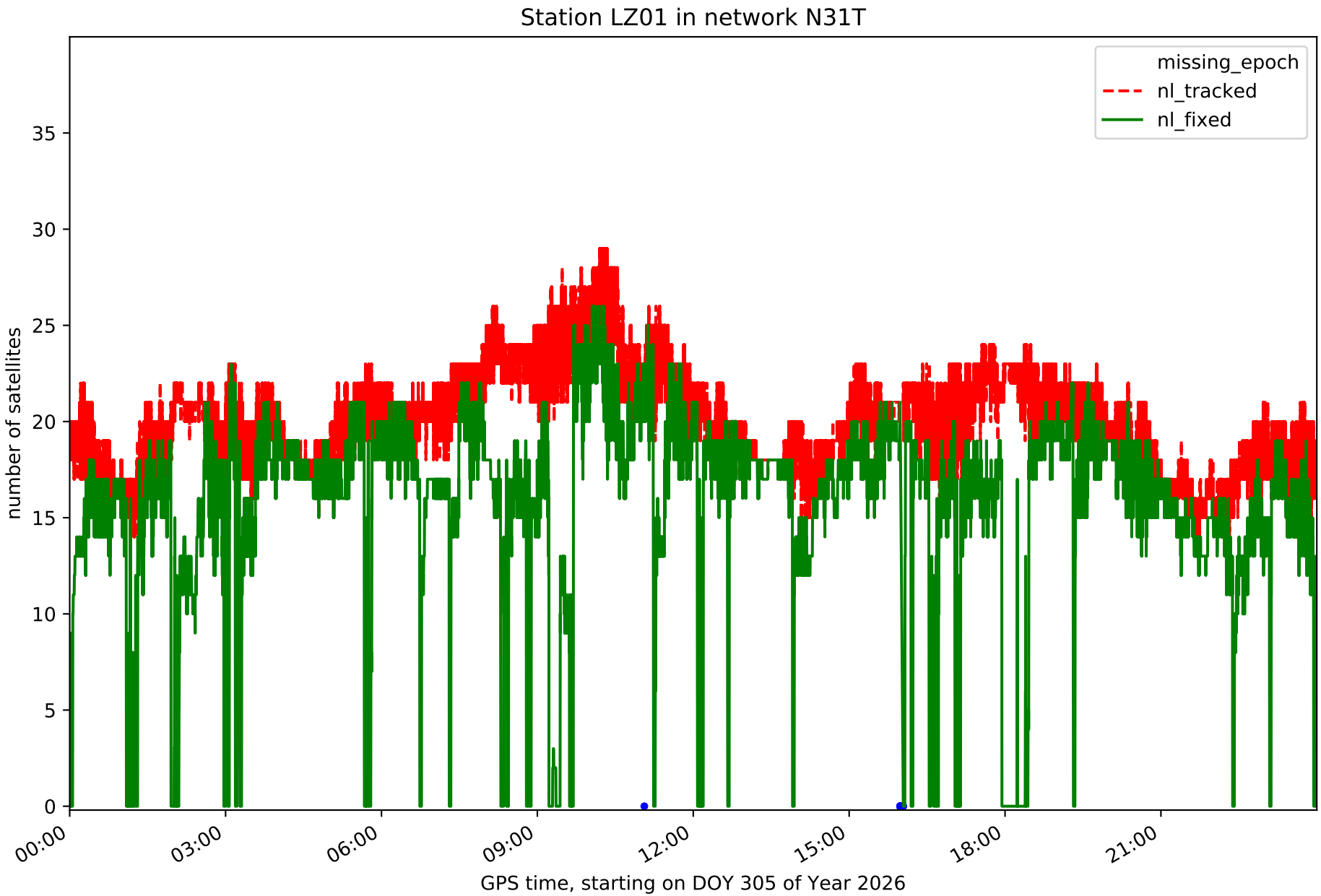

Network N31T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (76.8 % fixed)
l2_tracked
l2_fixed (76.8 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

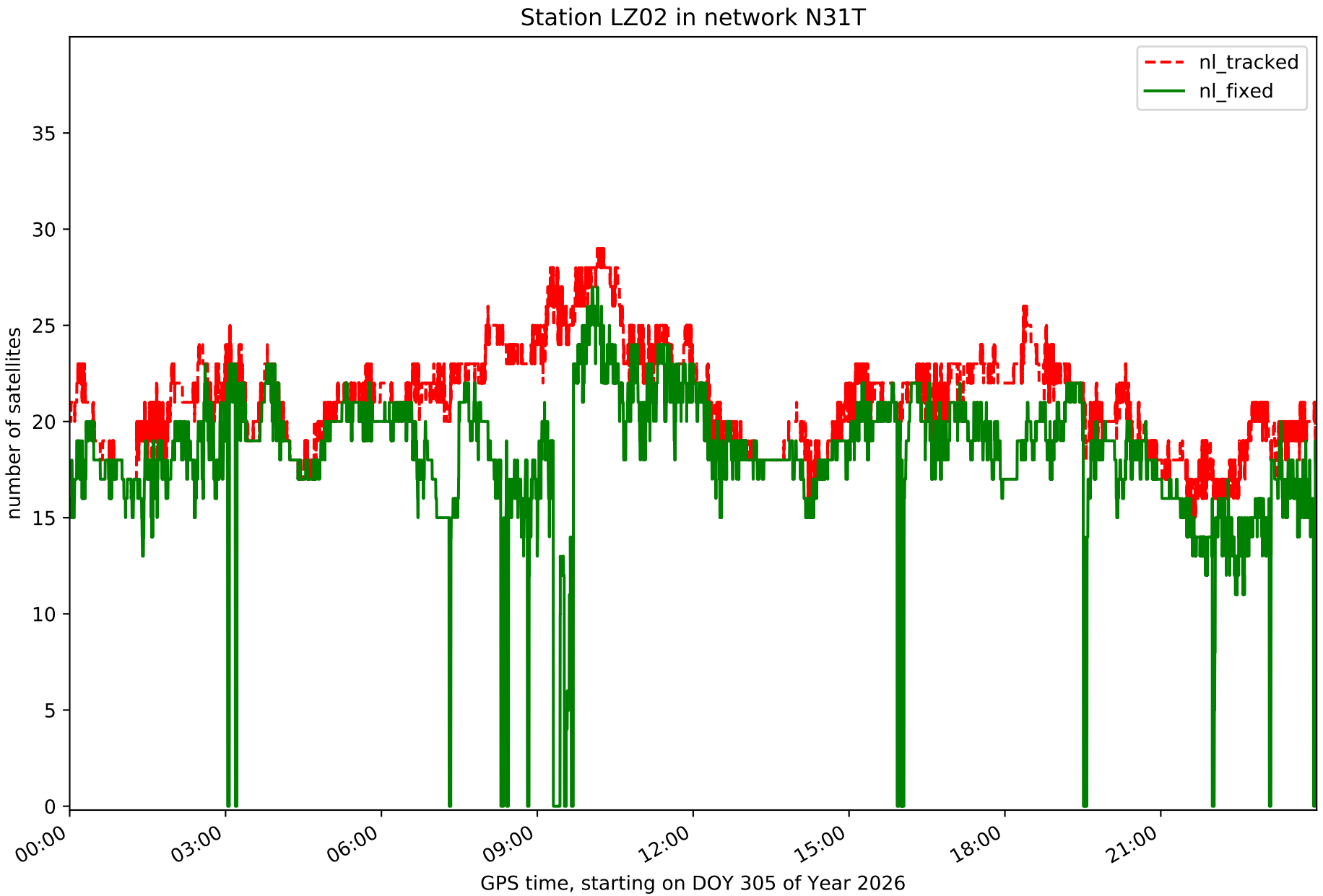

Network N31T - only BDS with threshold set to 0.3
l2_tracked
l2_fixed (85.5 % fixed)
l6_tracked
l6_fixed (85.5 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

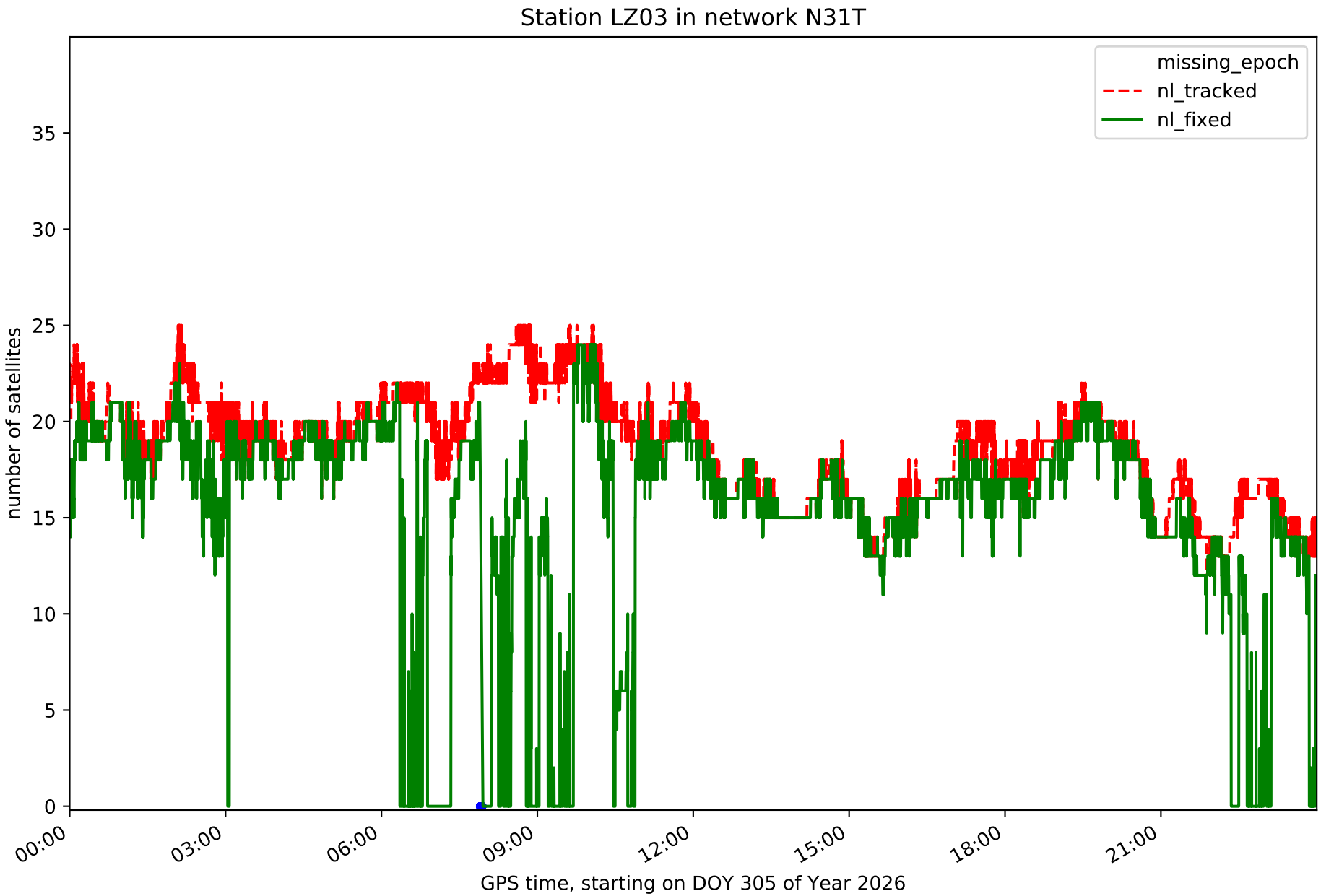

Network N31T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (90.9 % fixed)
l5_tracked
l5_fixed (91.4 % fixed)
l7_tracked
l7_fixed (91.4 % fixed)

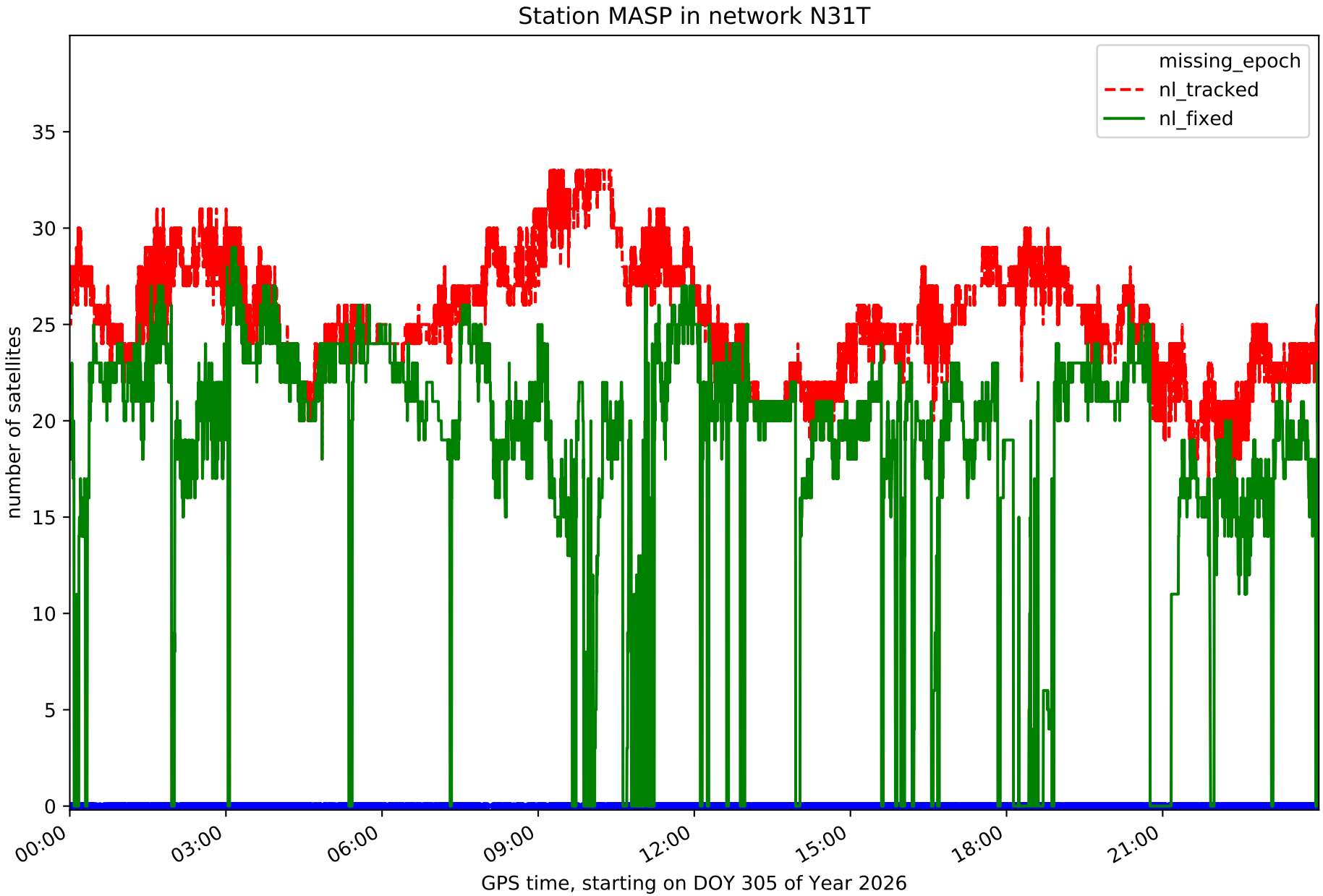

Station FUER in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

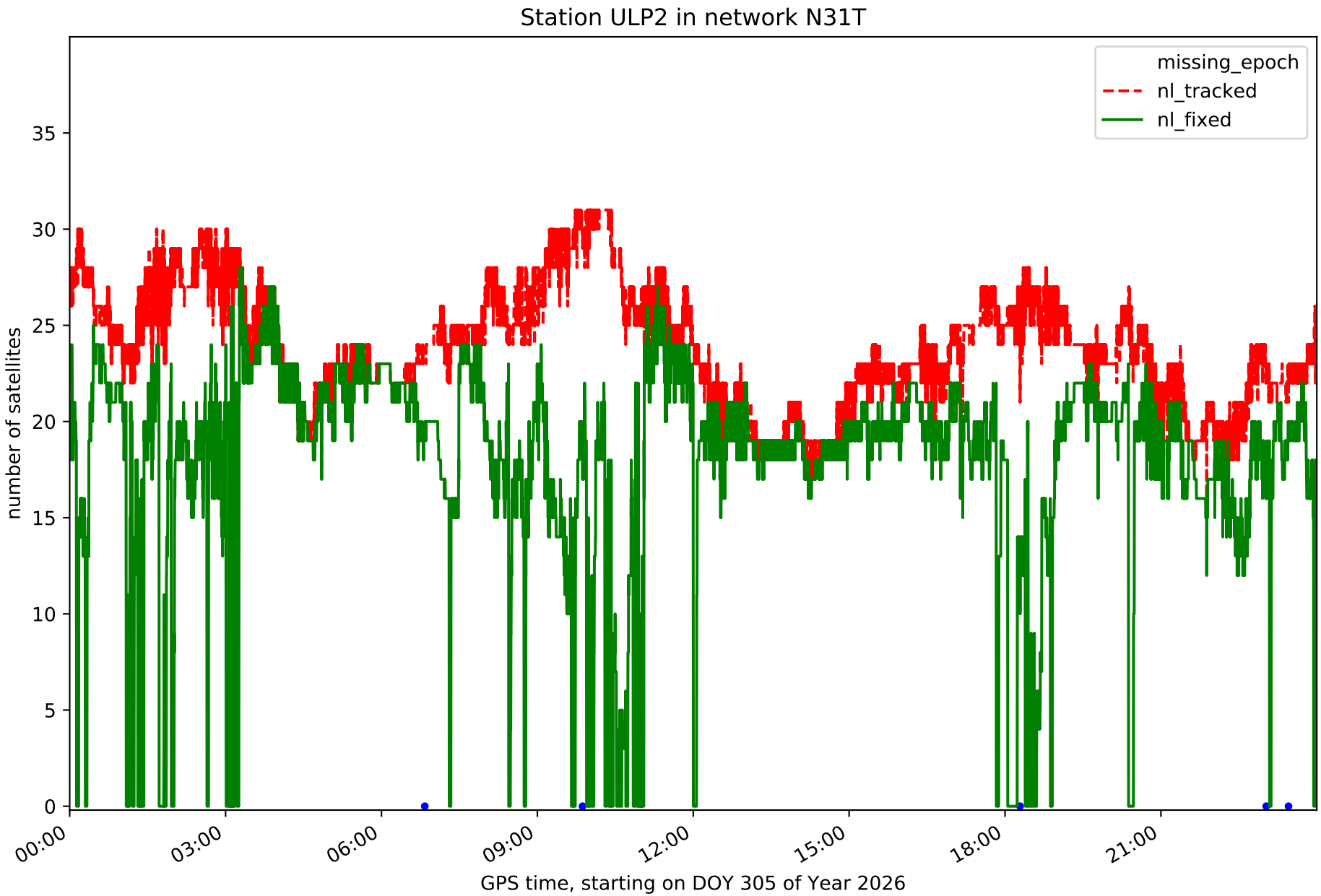

Station LALA in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

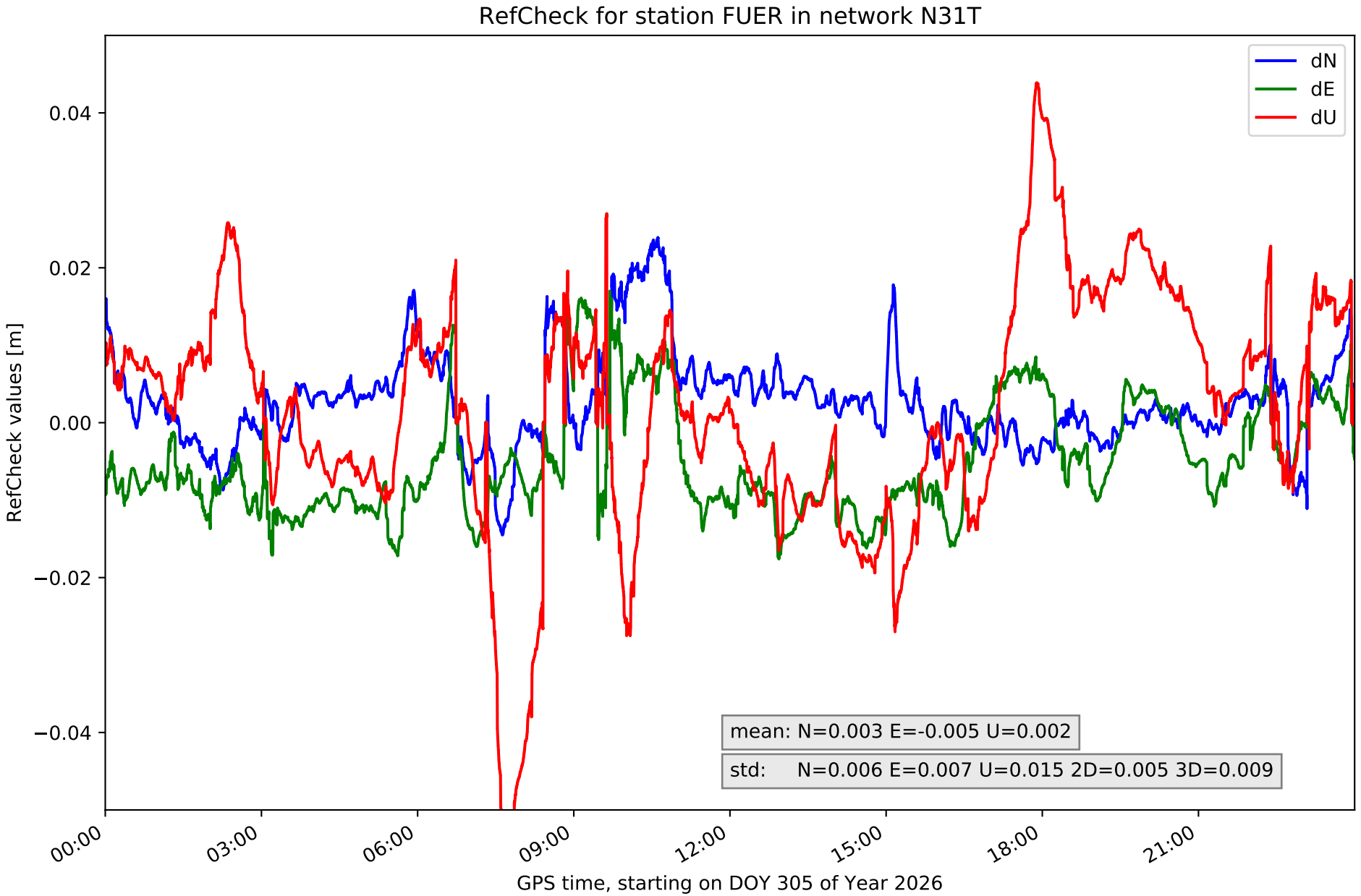

Station LZ01 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

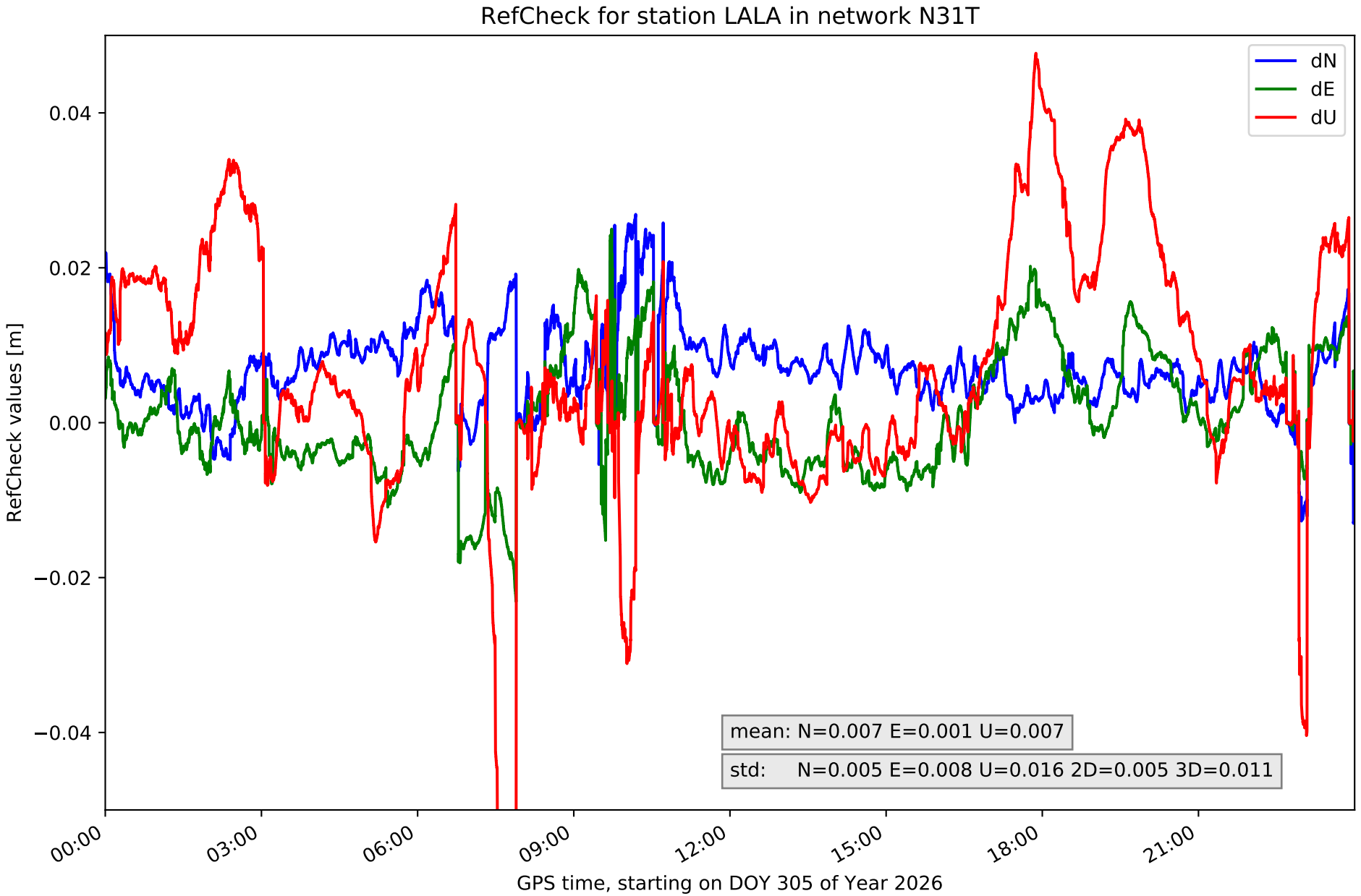

Station LZ02 in network N31T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

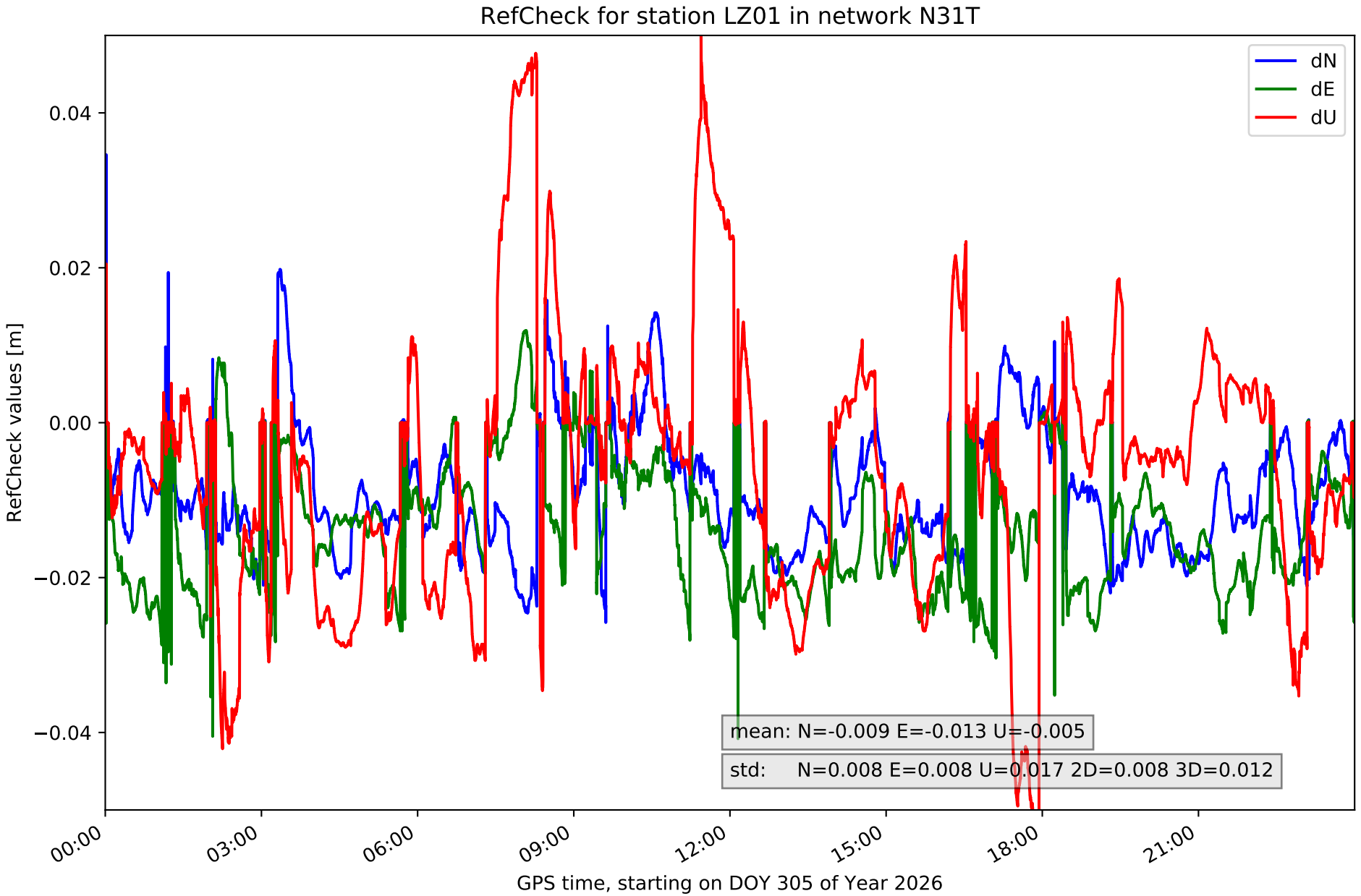

Station LZ03 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

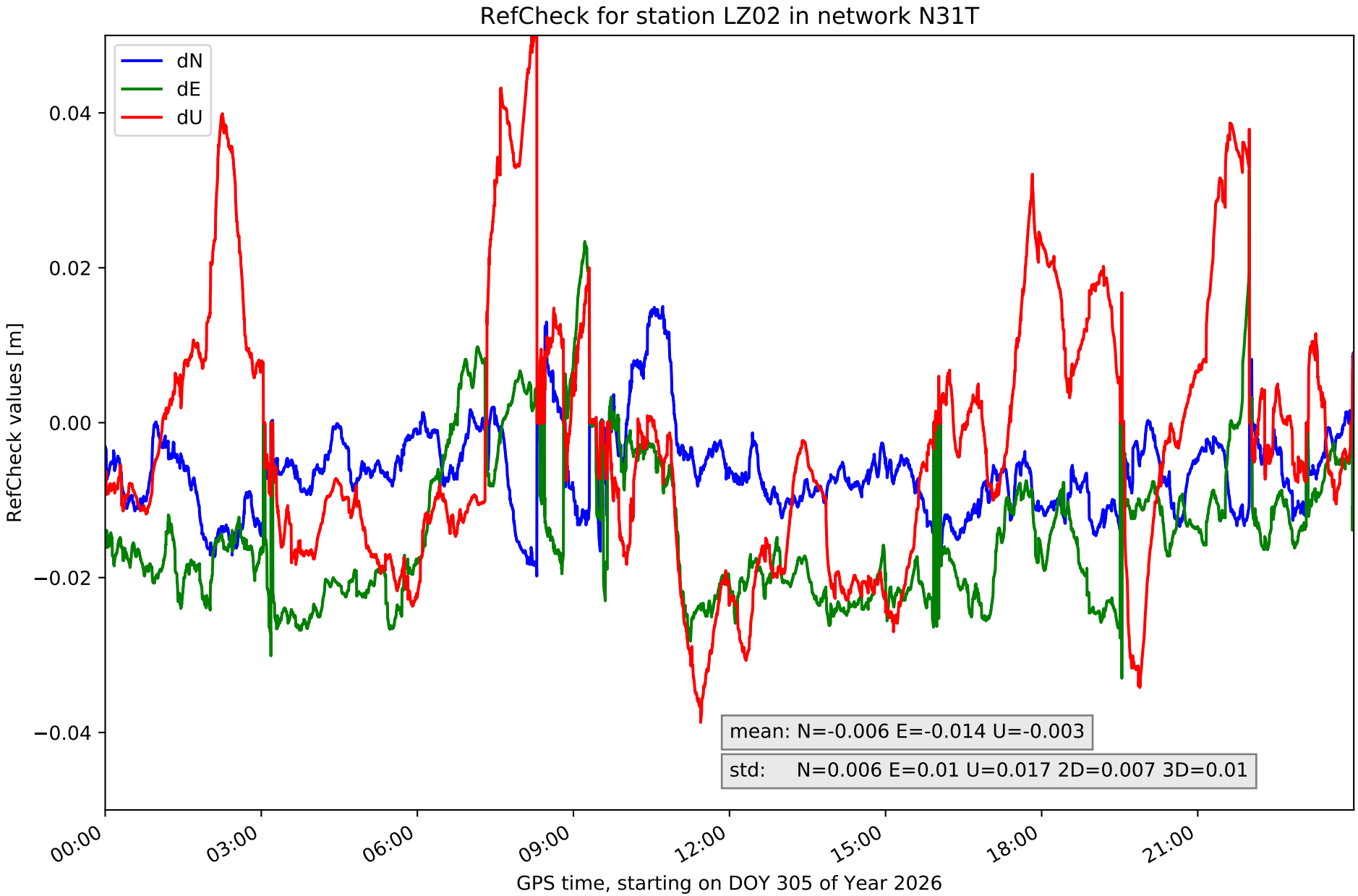

Station MASP in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

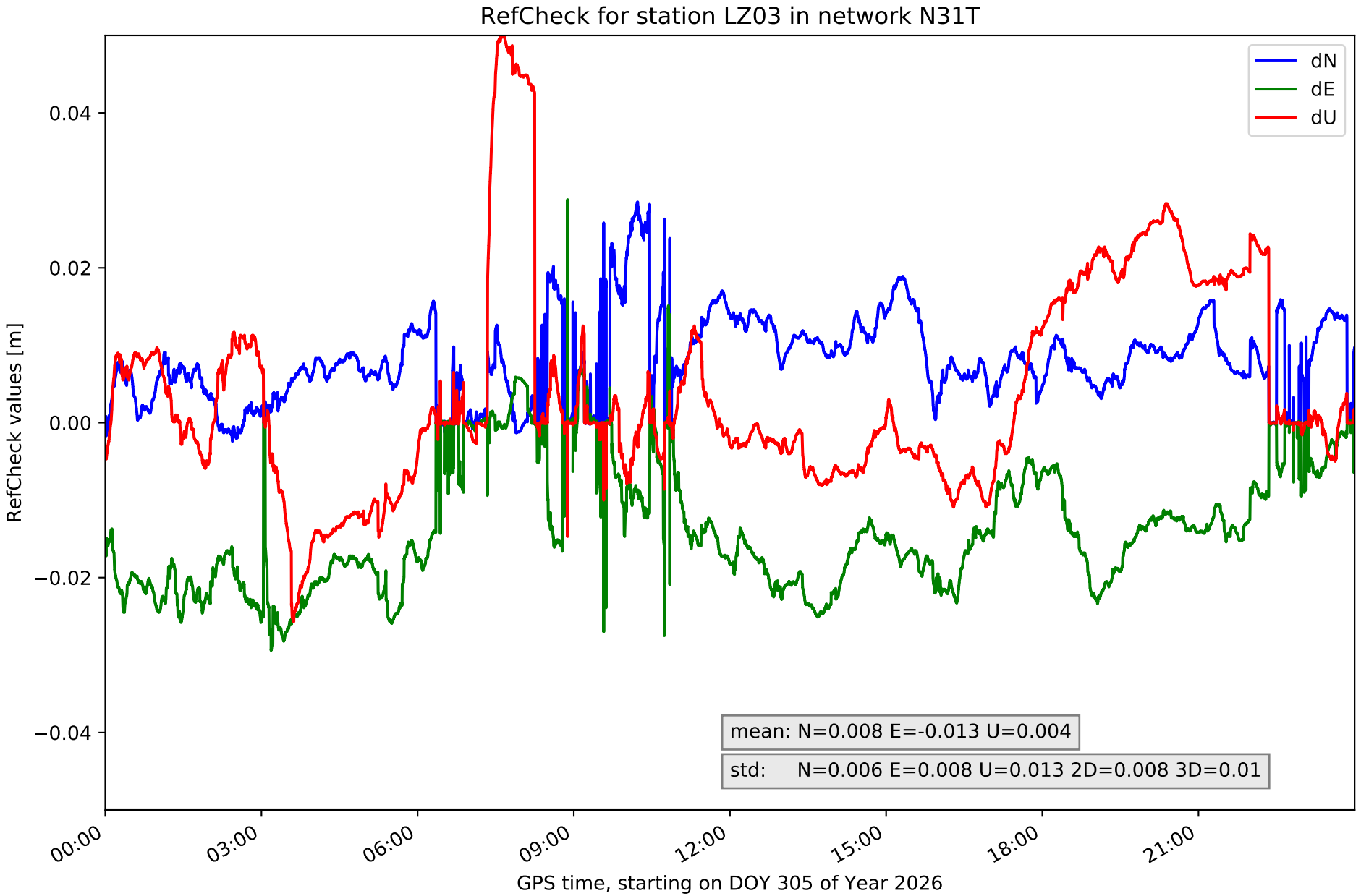

Station ULP2 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

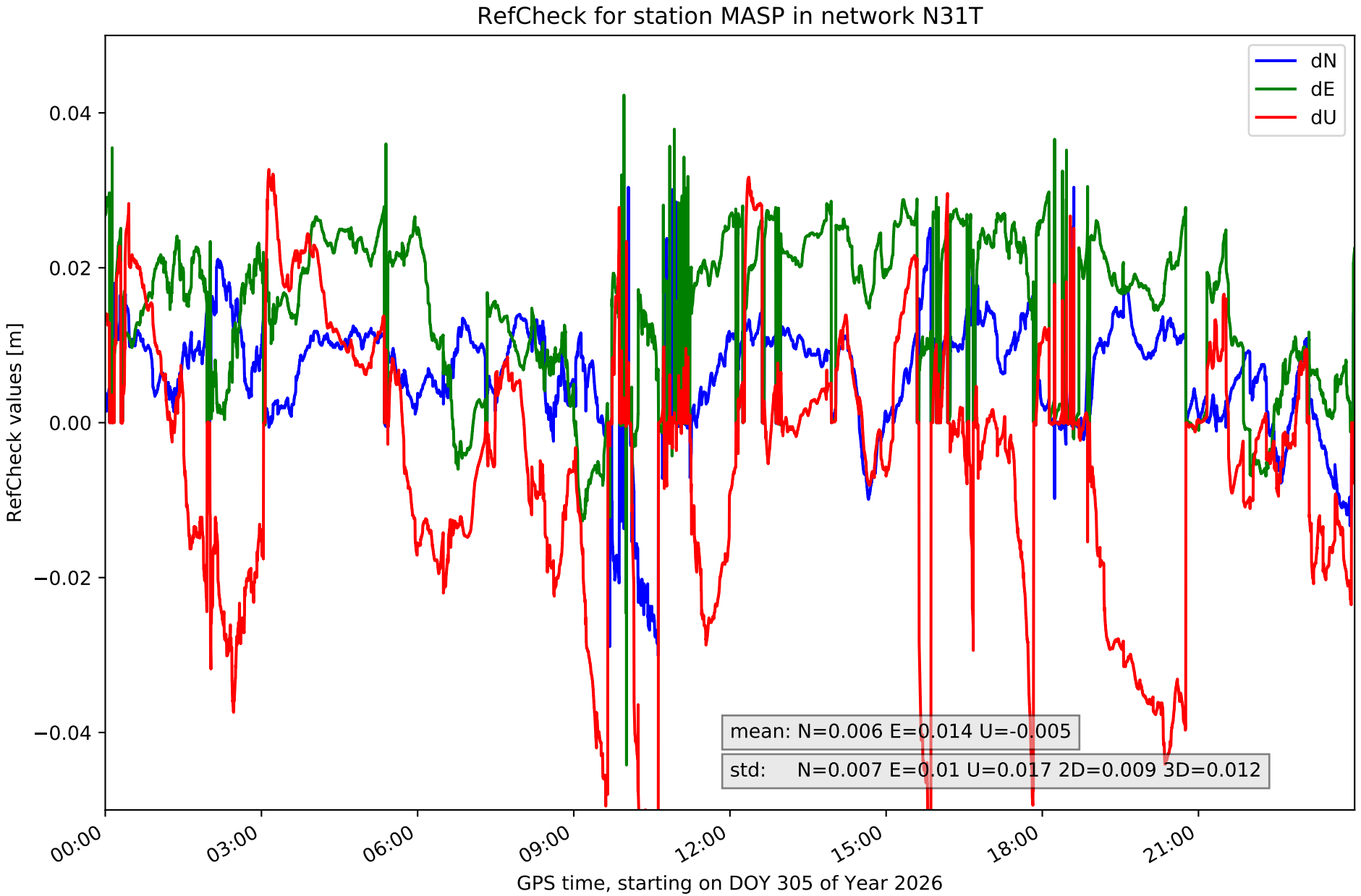

RefCheck for station FUER in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.005 U=0.002
std: N=0.006 E=0.007 U=0.015 2D=0.005 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

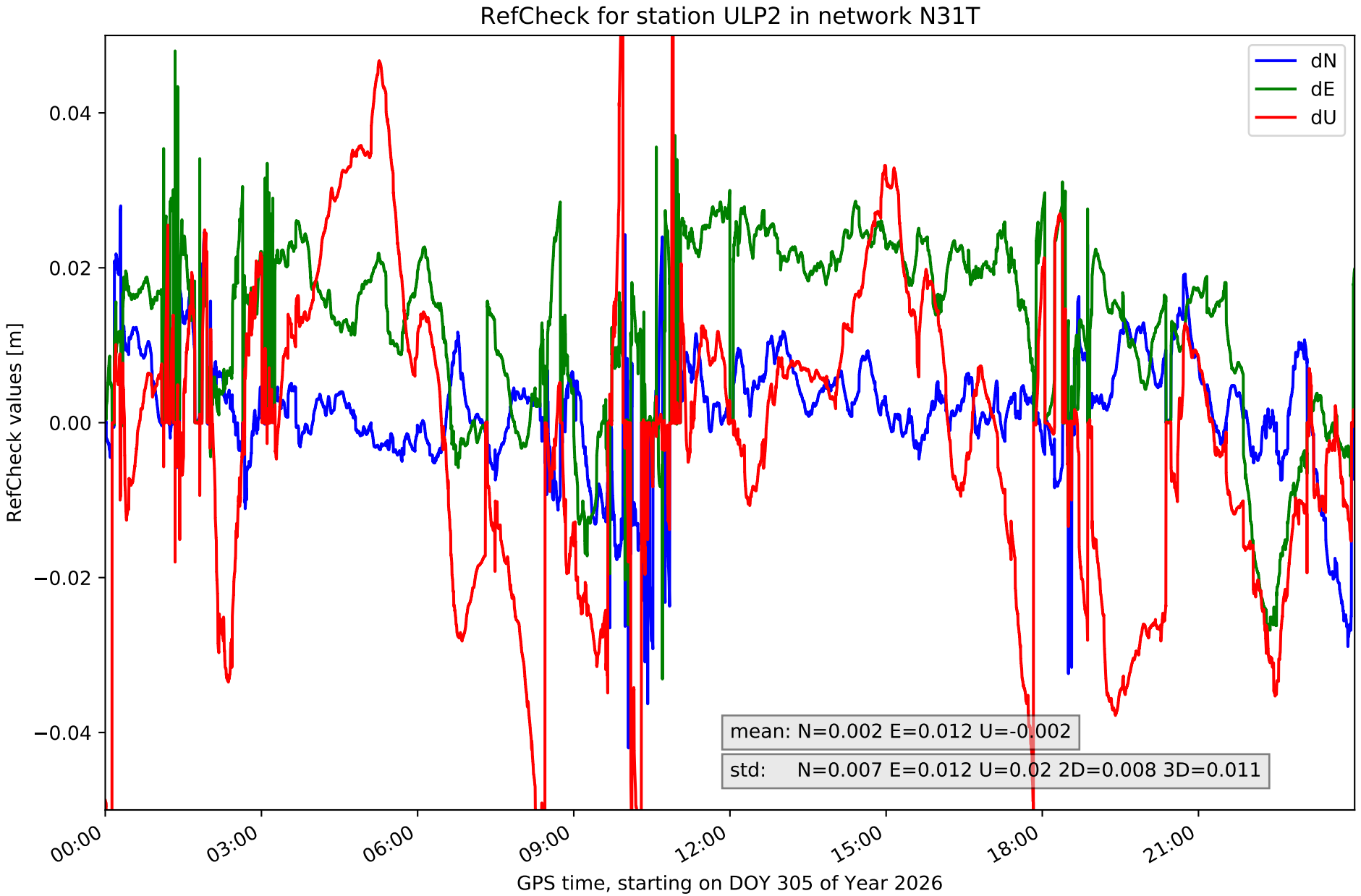

RefCheck for station LALA in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=0.001 U=0.007
std: N=0.005 E=0.008 U=0.016 2D=0.005 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026


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=-0.009 E=-0.013 U=-0.005
std: N=0.008 E=0.008 U=0.017 2D=0.008 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 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=-0.006 E=-0.014 U=-0.003
std: N=0.006 E=0.01 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 305 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=0.008 E=-0.013 U=0.004
std: N=0.006 E=0.008 U=0.013 2D=0.008 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 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=0.014 U=-0.005
std: N=0.007 E=0.01 U=0.017 2D=0.009 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 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=-0.002
std: N=0.007 E=0.012 U=0.02 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 305 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	0.024	0.006	-0.018	0.017	0.007	-0.057	0.044	0.015	0.005	0.009	38807	48.1	19801	24.5
LALA	-0.013	0.027	0.005	-0.023	0.025	0.008	-0.059	0.048	0.016	0.005	0.011	40393	50.1	24302	30.1
LZ01	-0.026	**0.035**	**0.008**	-0.041	0.012	0.008	**-0.06**	0.05	0.017	0.008	**0.012**	64437	79.9	54534	67.6
LZ02	-0.02	0.015	0.006	-0.033	0.033	0.01	-0.039	0.055	0.017	0.007	0.01	**66279**	**82.2**	52862	65.5
LZ03	-0.004	0.029	0.006	-0.029	0.029	0.008	-0.026	0.051	0.013	0.008	0.01	65506	81.2	53917	66.8
MASP	-0.03	0.03	0.007	**-0.044**	0.042	0.01	**-0.06**	0.033	0.017	**0.009**	**0.012**	62374	77.3	53244	66.0
ULP2	**-0.042**	0.028	0.007	-0.033	**0.048**	**0.012**	**-0.06**	**0.06**	**0.02**	0.008	0.011	62467	77.4	**57064**	**70.7**
Mean	**-0.021**	**0.027**	**0.006**	**-0.032**	**0.029**	**0.009**	**-0.052**	**0.049**	**0.016**	**0.007**	**0.011**	**57180.4**	**70.9**	**45103.4**	**55.9**
Min/Max	**-0.042**	**0.035**	**0.008**	**-0.044**	**0.048**	**0.012**	**-0.06**	**0.06**	**0.02**	**0.009**	**0.012**	**66279**	**82.2**	**57064**	**70.7**

fixing statistic for network N31T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	87.0	89.2	76.8	90.9	85.5
considering satellites with dual-frequency fixed	79.0	81.7	69.2	82.3	81.2
considering all signals separately	79.9	82.0	69.2	82.7	81.2