summary for network NT31

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

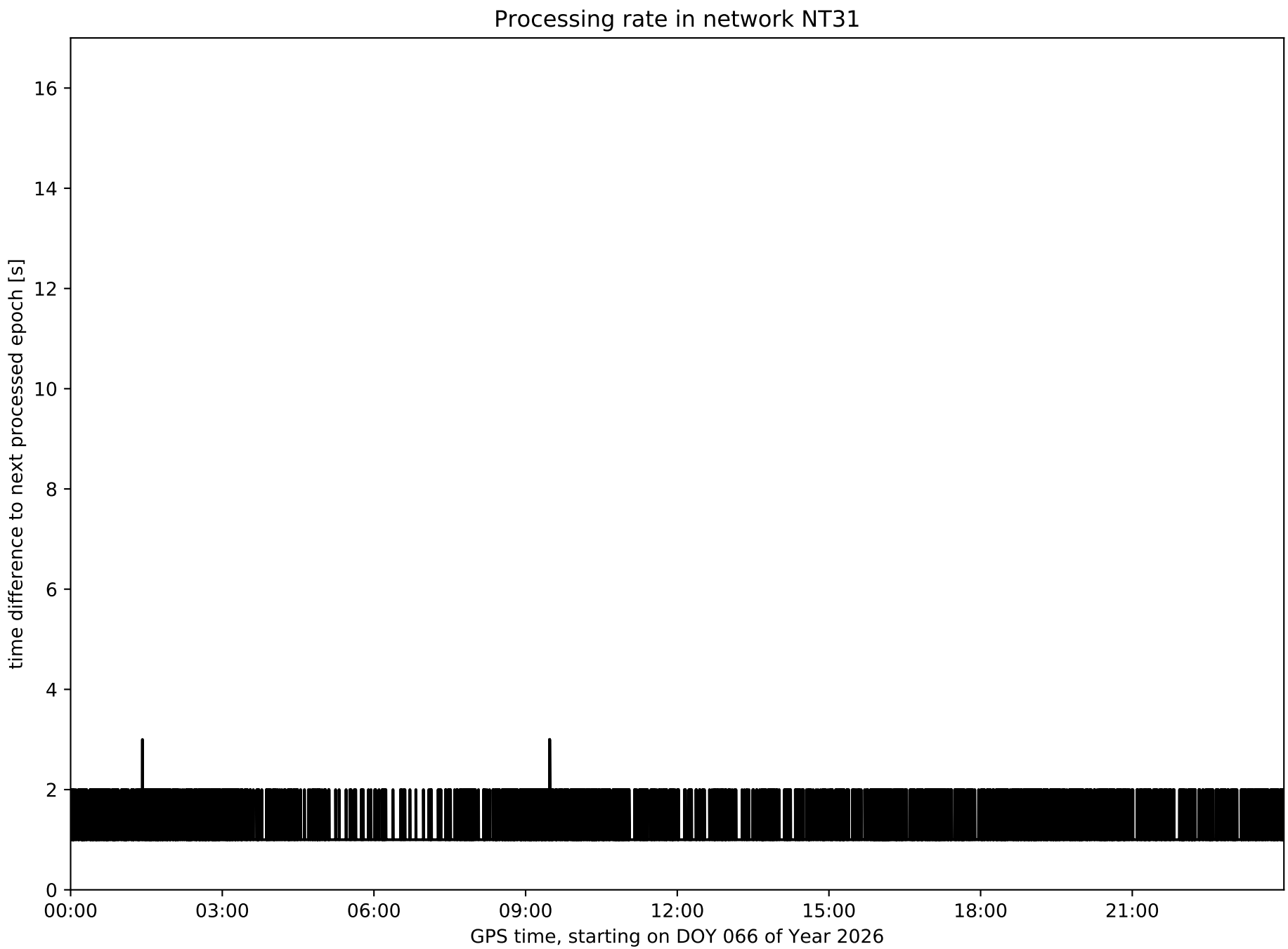
average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

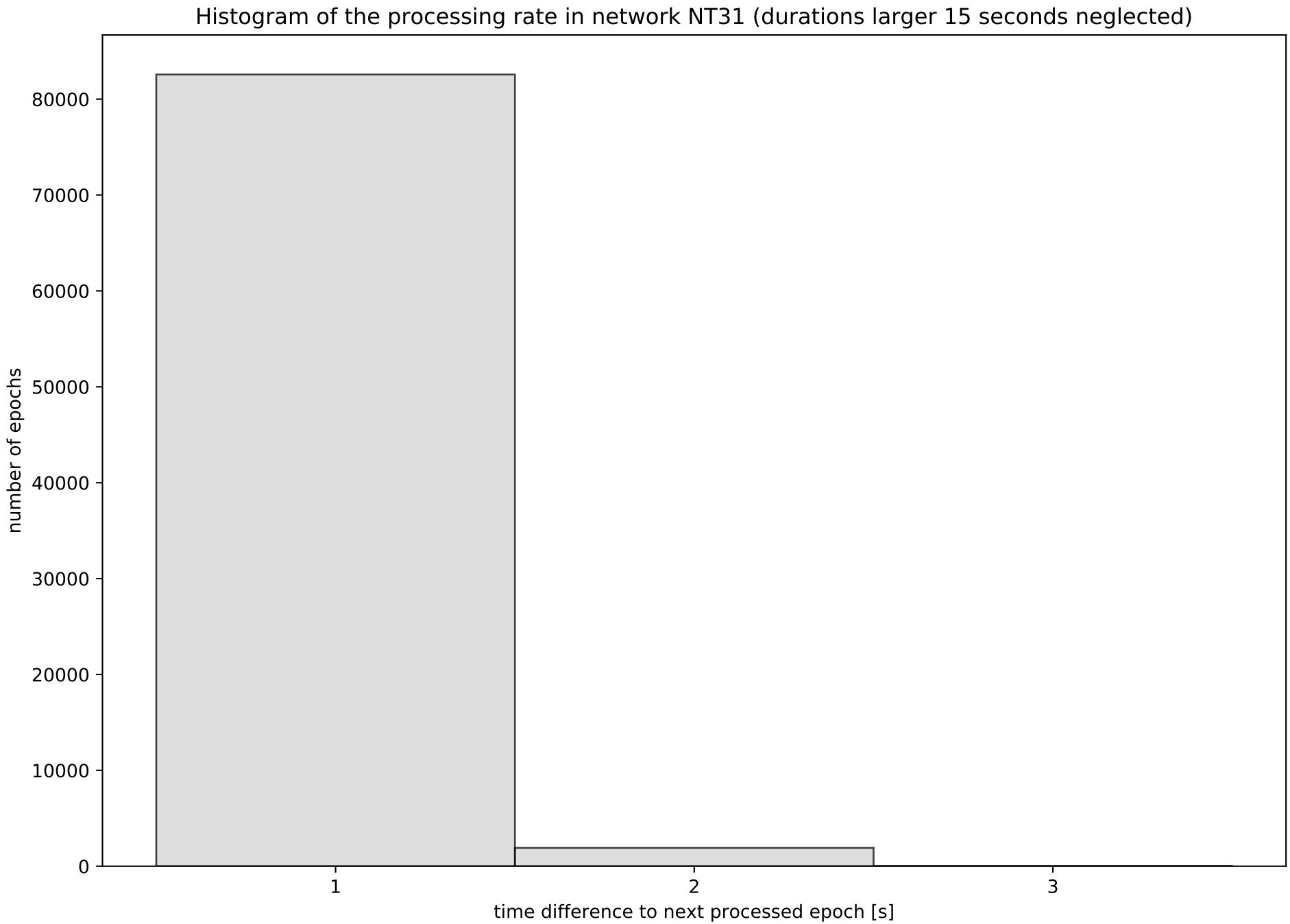
average fixing percentage with threshold set to 0.3: 84.7 percent

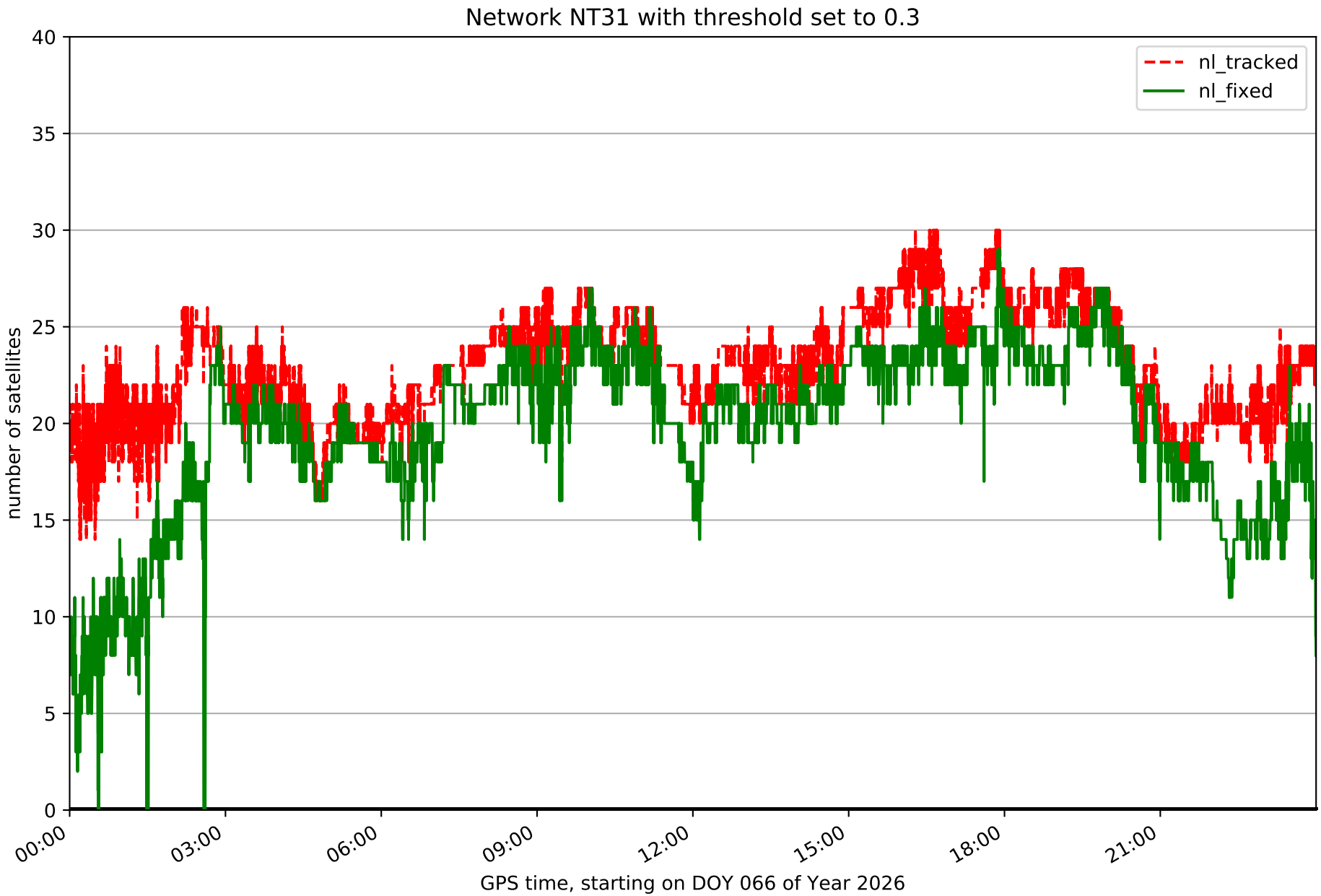
stations available: 7 of 7

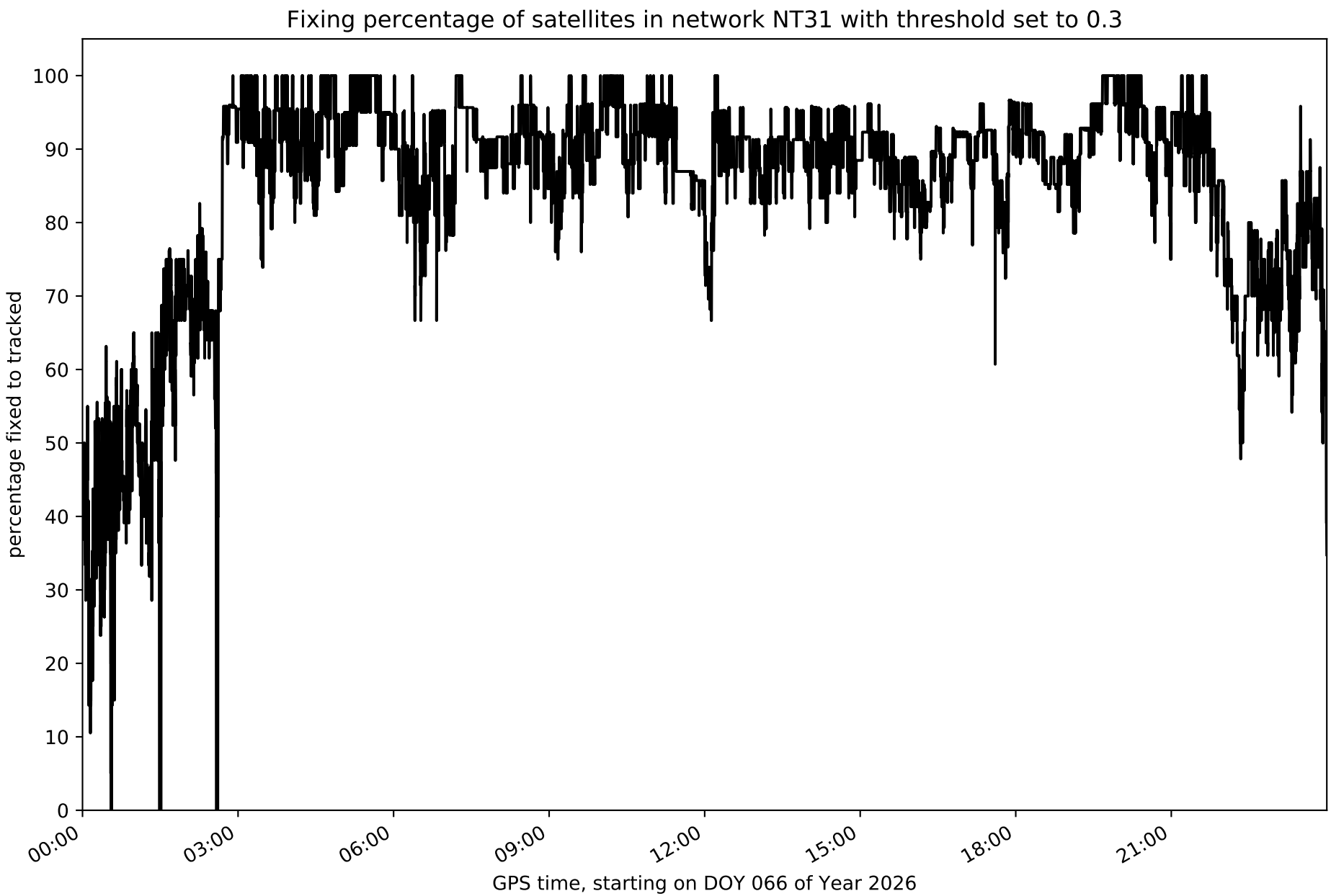
station information:

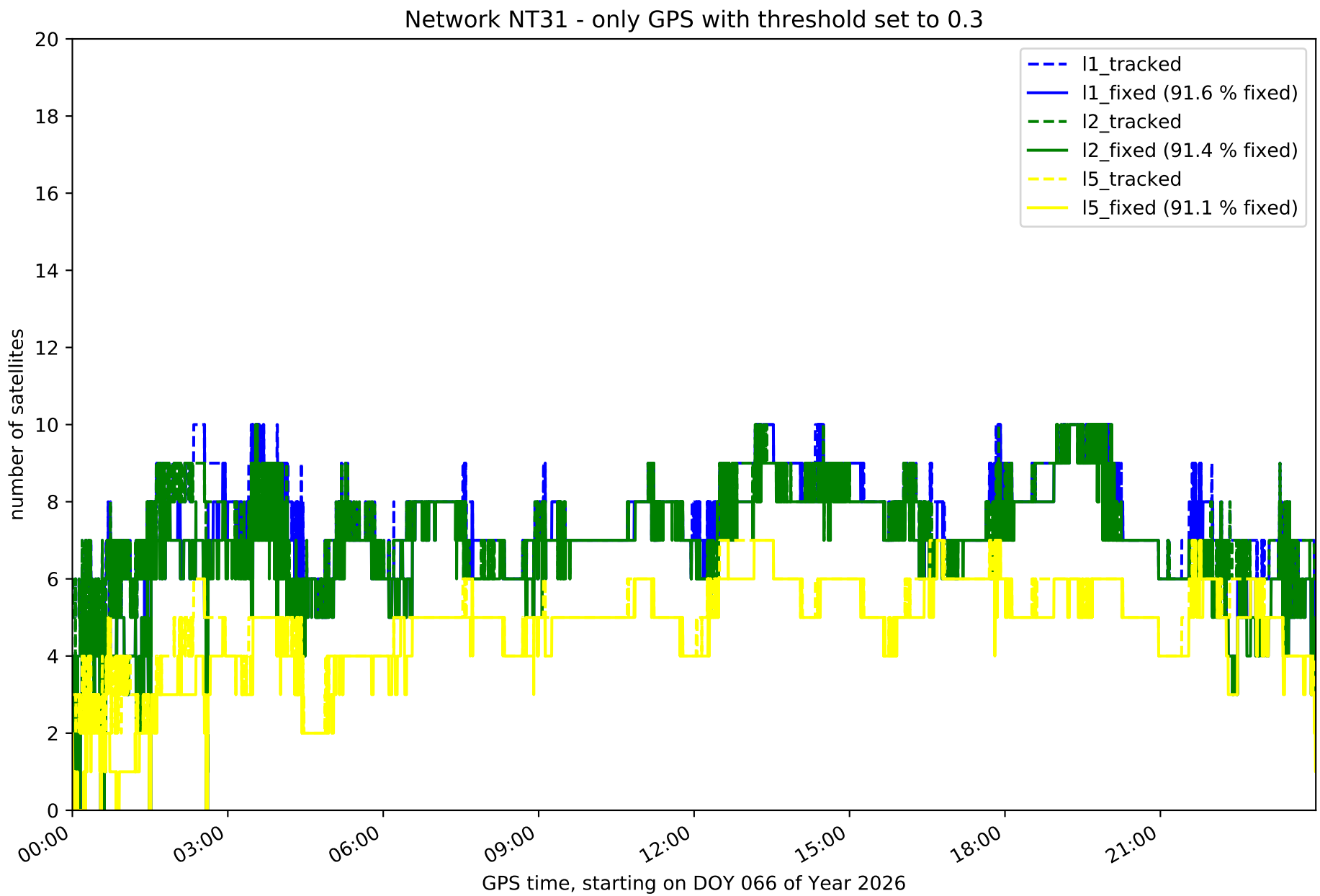
station FUER:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00	NONE	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20	NONE	receiver: LEICA GR25	height: 58.039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

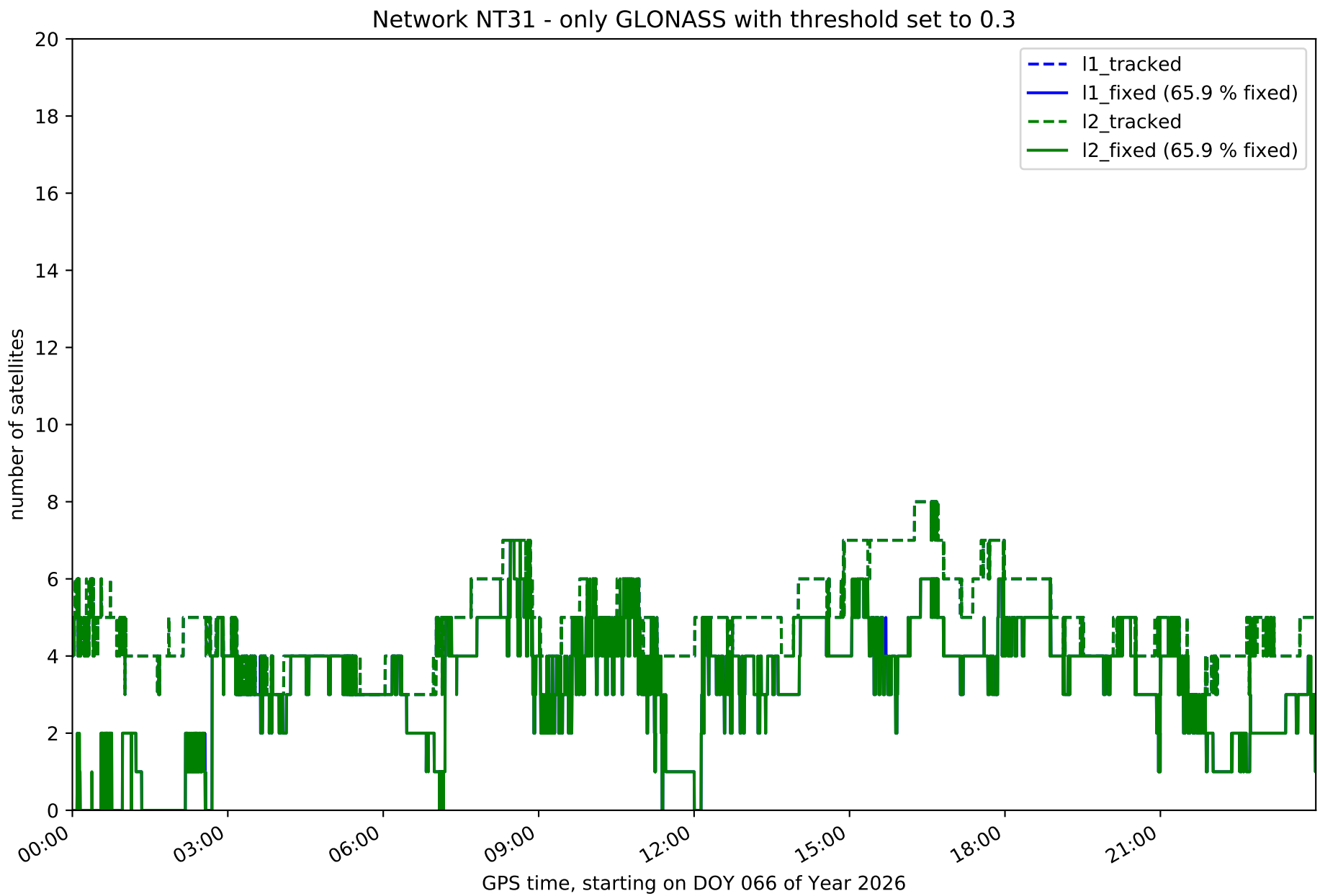

Processing rate in network NT31
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

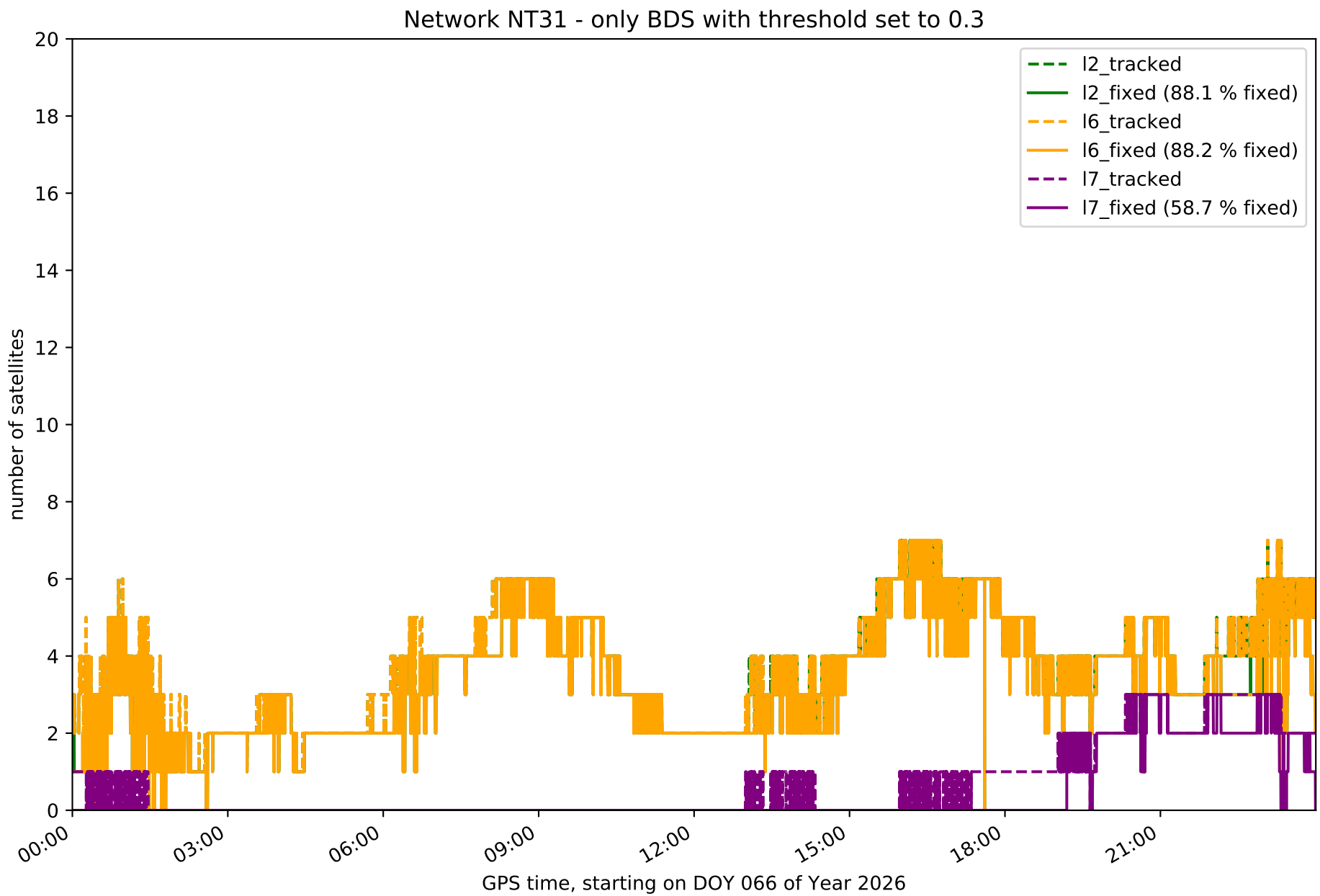

Histogram of the processing rate in network NT31 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
80000
1
2
3
time difference to next processed epoch [s]

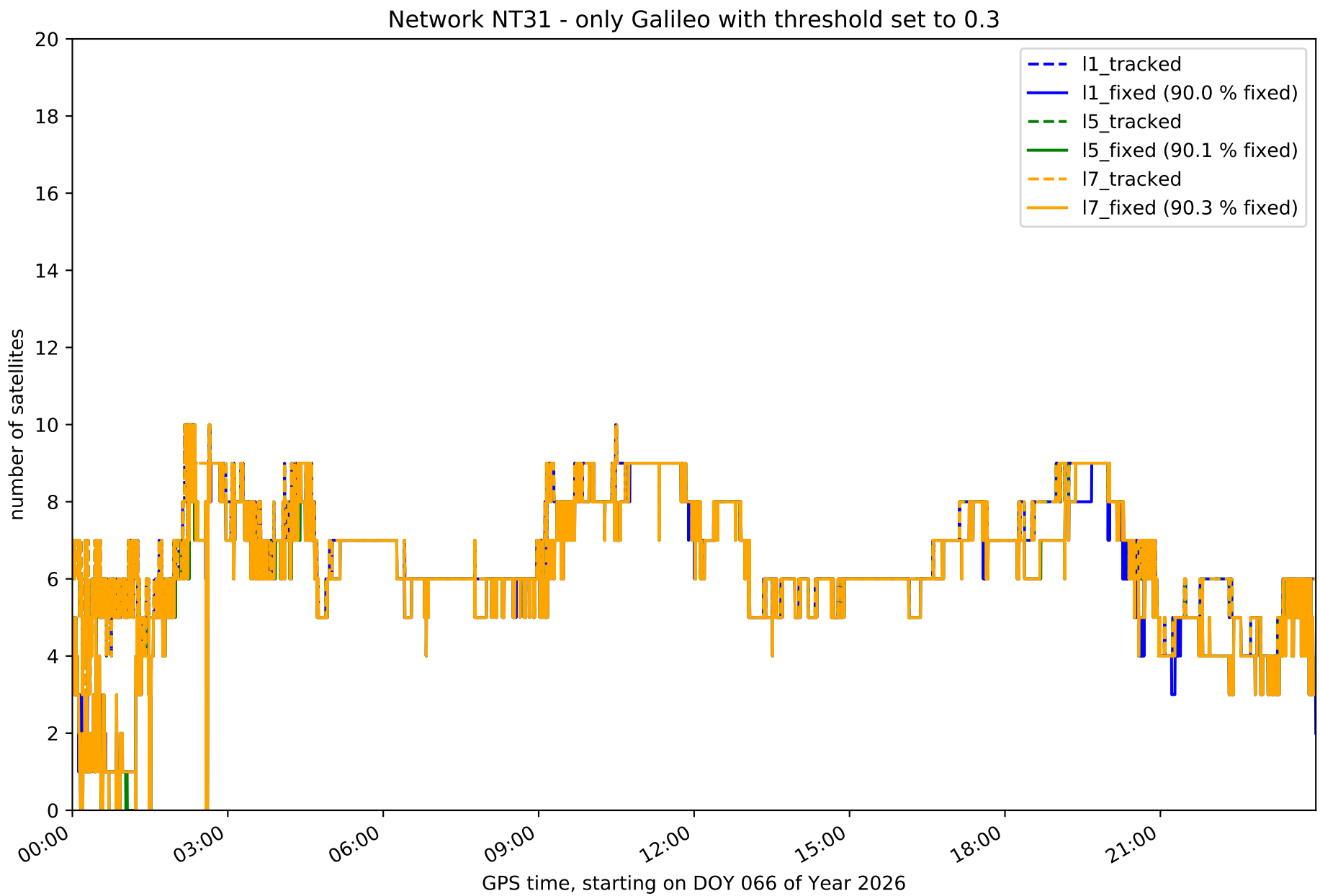

Network NT31 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

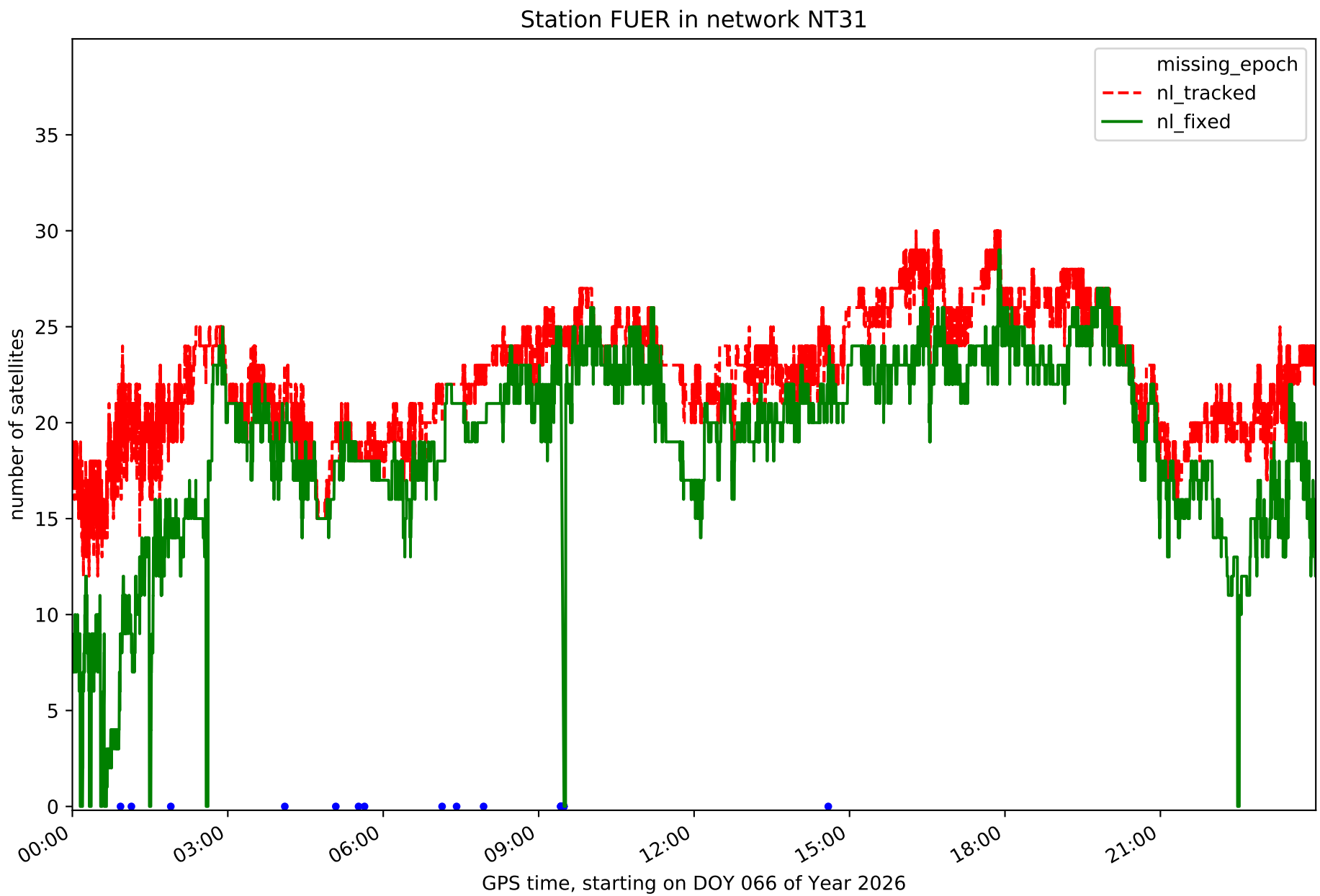

Fixing percentage of satellites in network NT31 with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

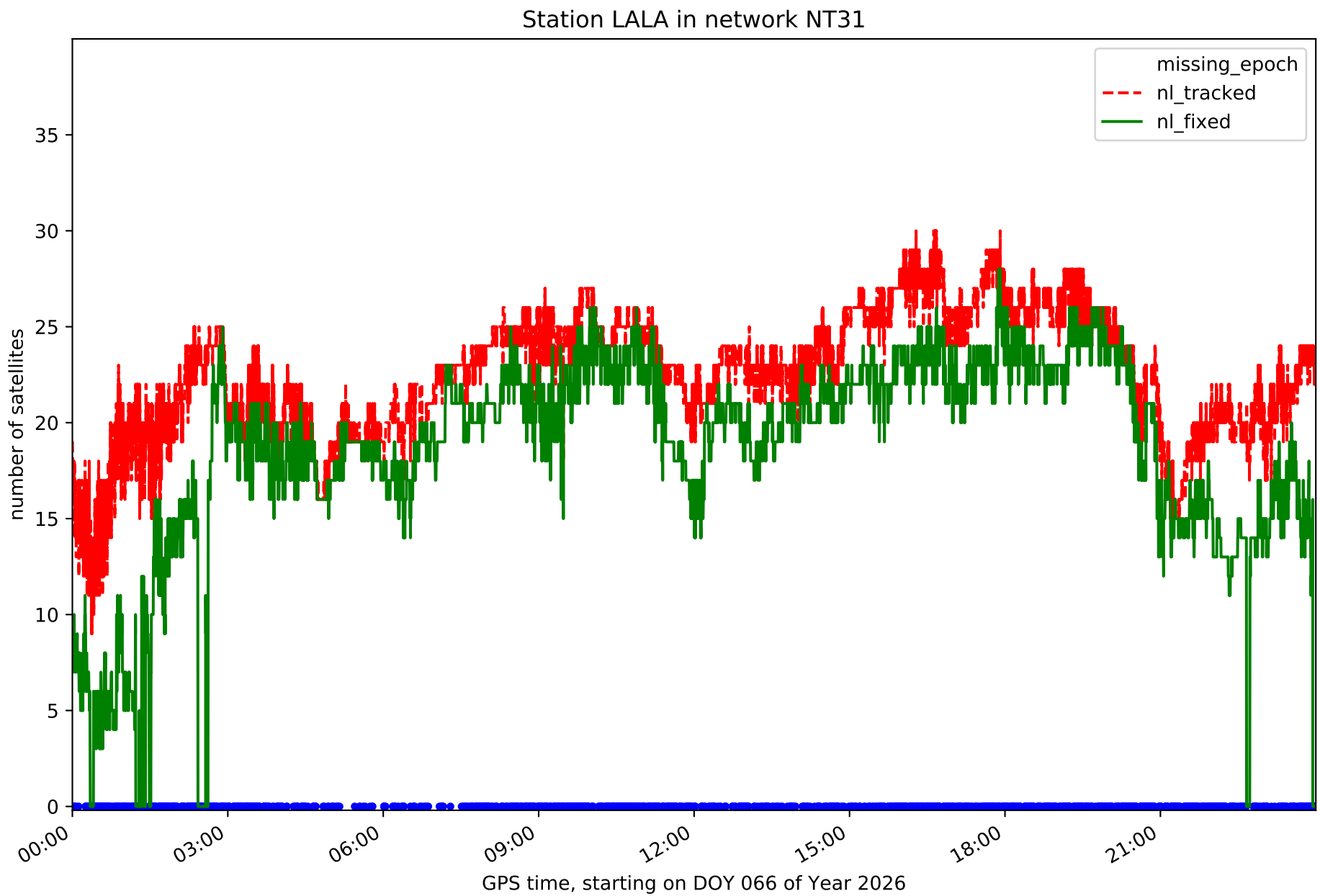

Network NT31 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (91.6 % fixed)
l2_tracked
l2_fixed (91.4 % fixed)
l5_tracked
l5_fixed (91.1 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

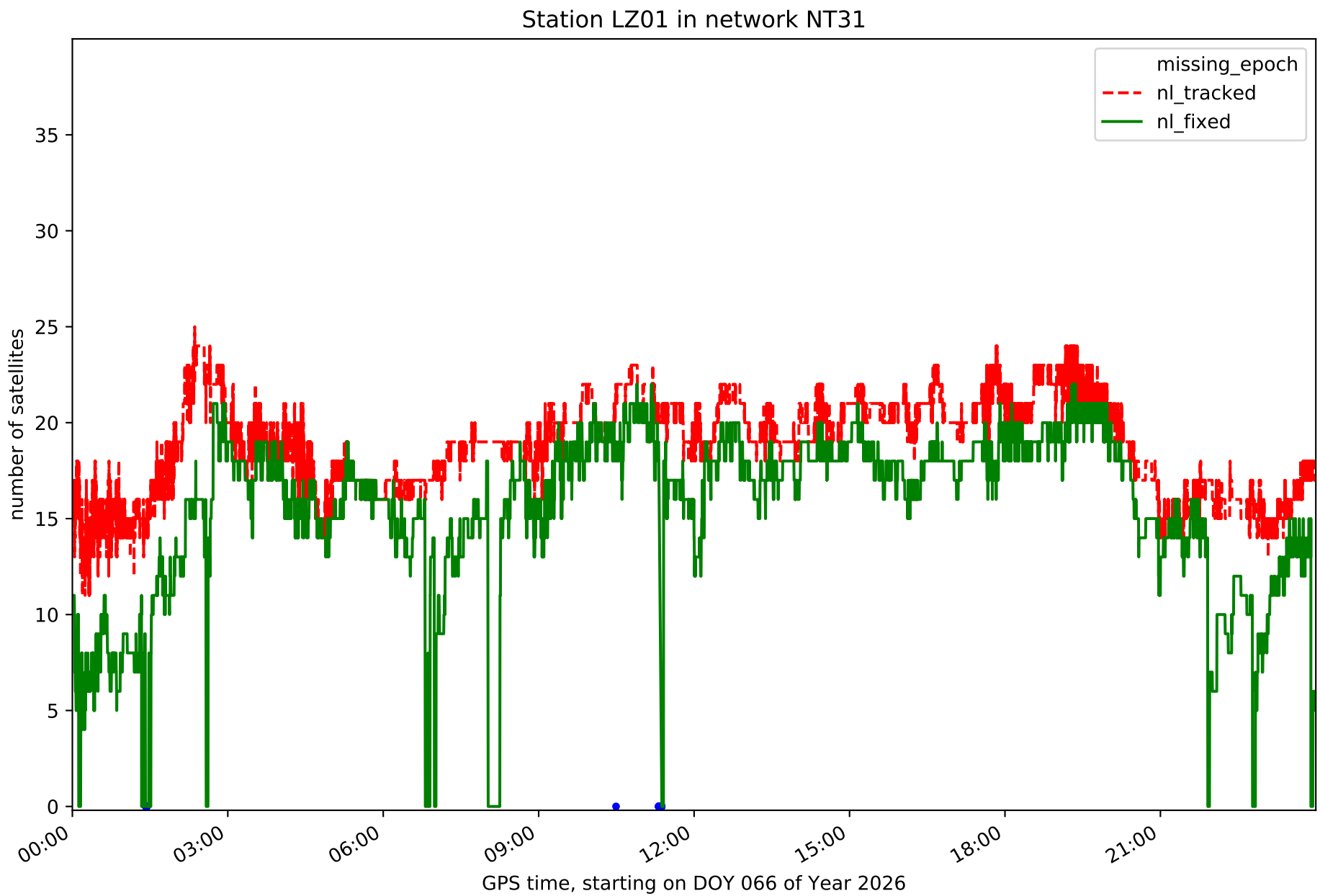

Network NT31 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (65.9 % fixed)
l2_tracked
l2_fixed (65.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

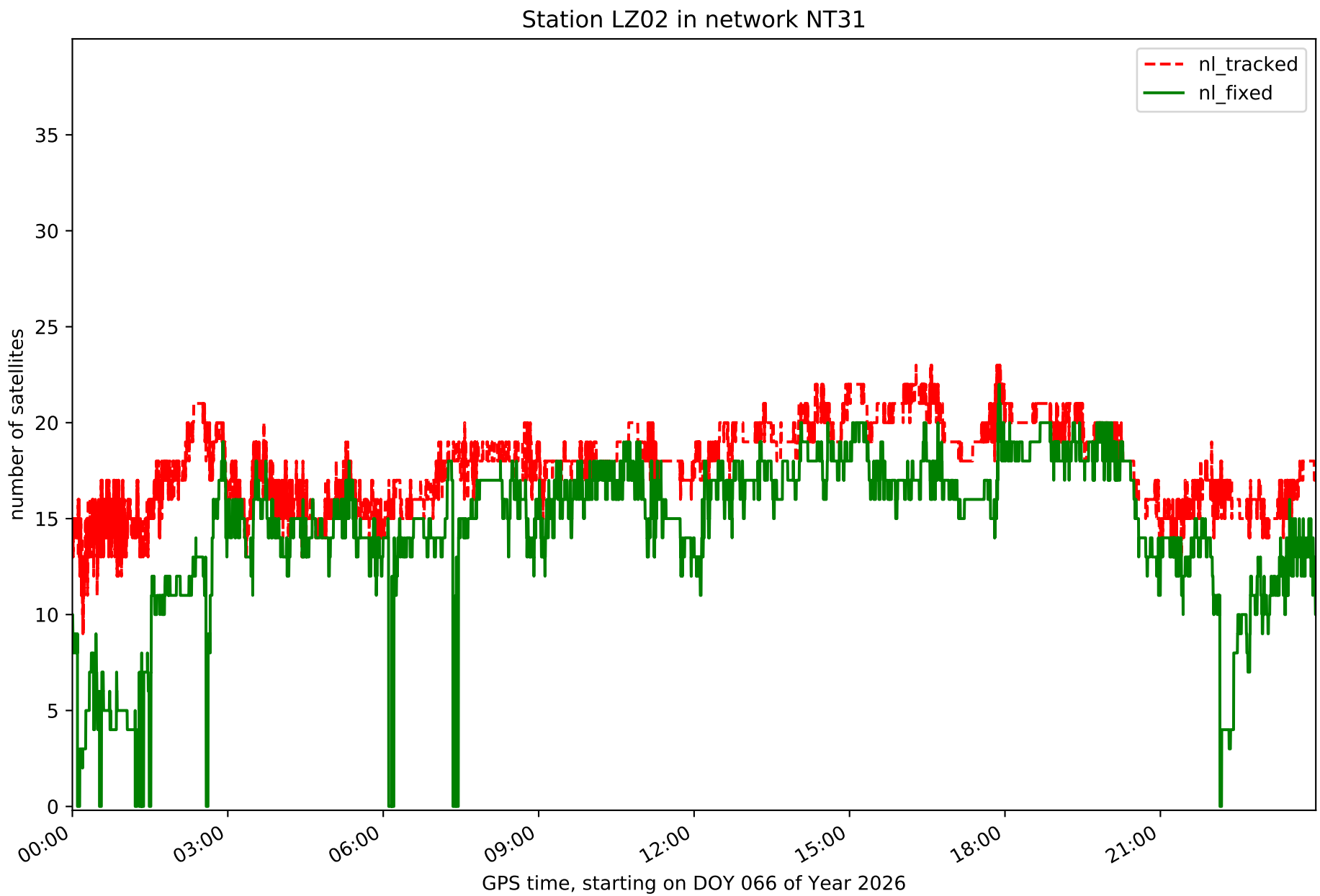

Network NT31 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 066 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (88.1 % fixed)
l6_tracked
l6_fixed (88.2 % fixed)
l7_tracked
l7_fixed (58.7 % fixed)

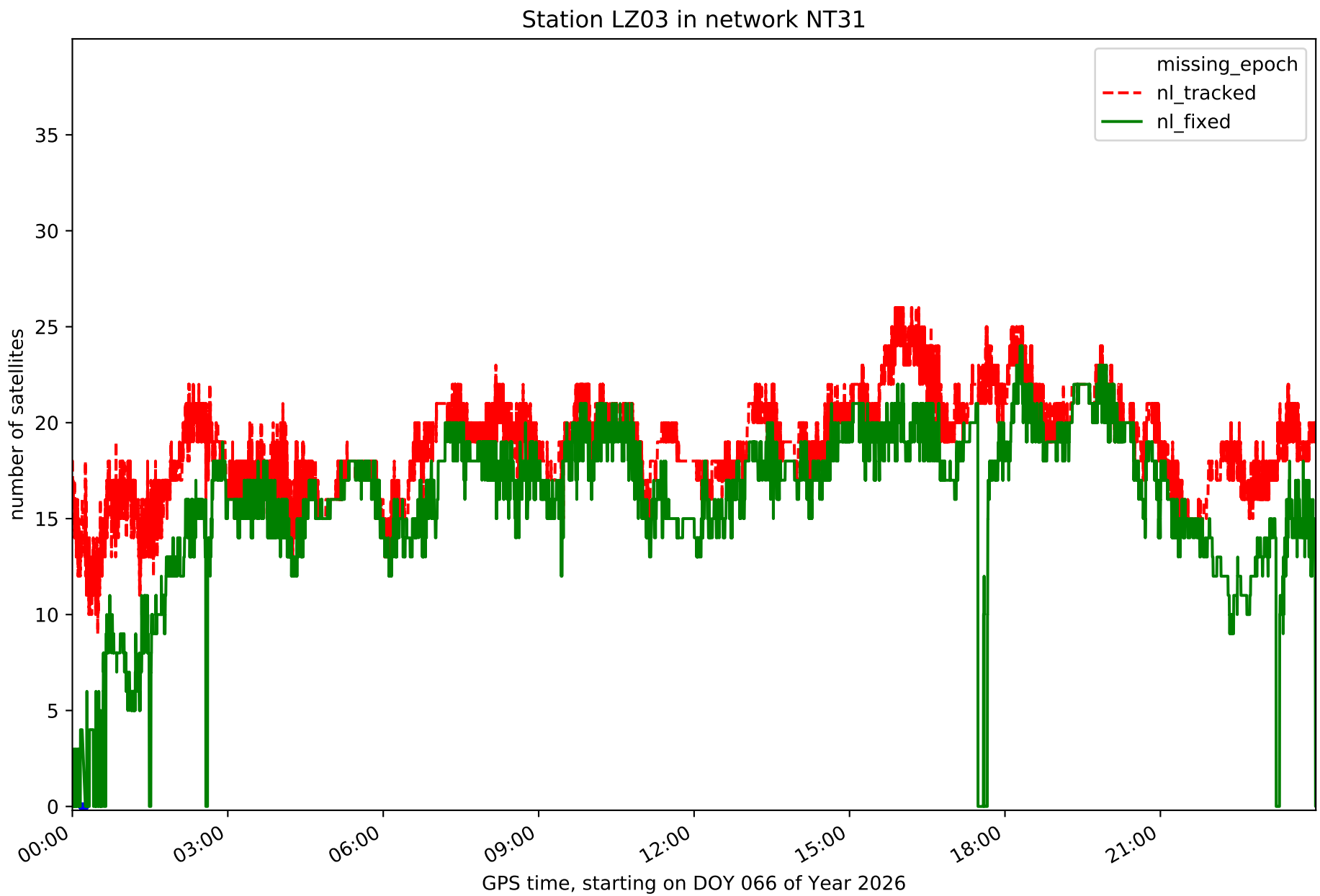

Network NT31 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 066 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l1_tracked
l1_fixed (90.0 % fixed)
l5_tracked
l5_fixed (90.1 % fixed)
l7_tracked
l7_fixed (90.3 % fixed)

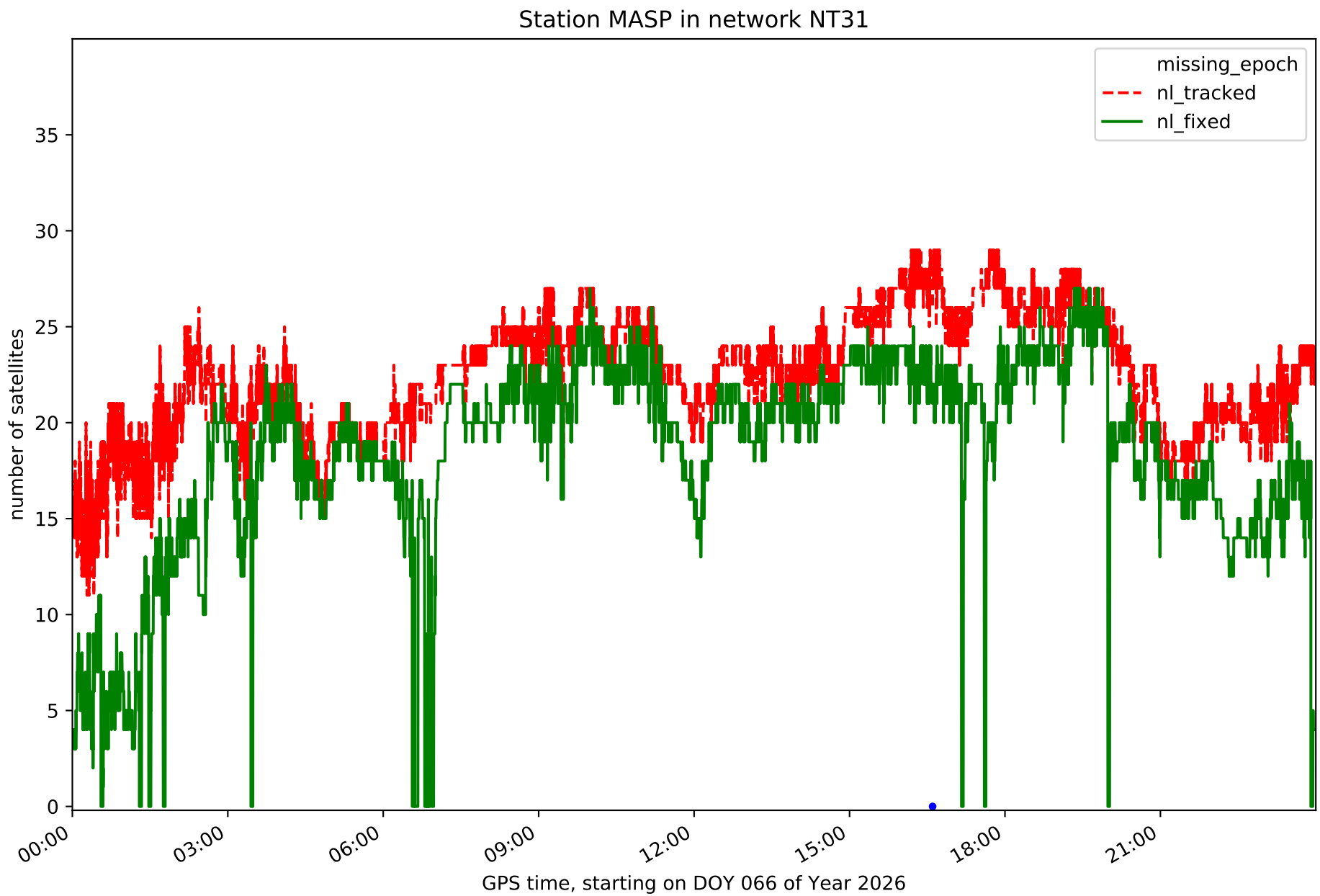

Station FUER in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

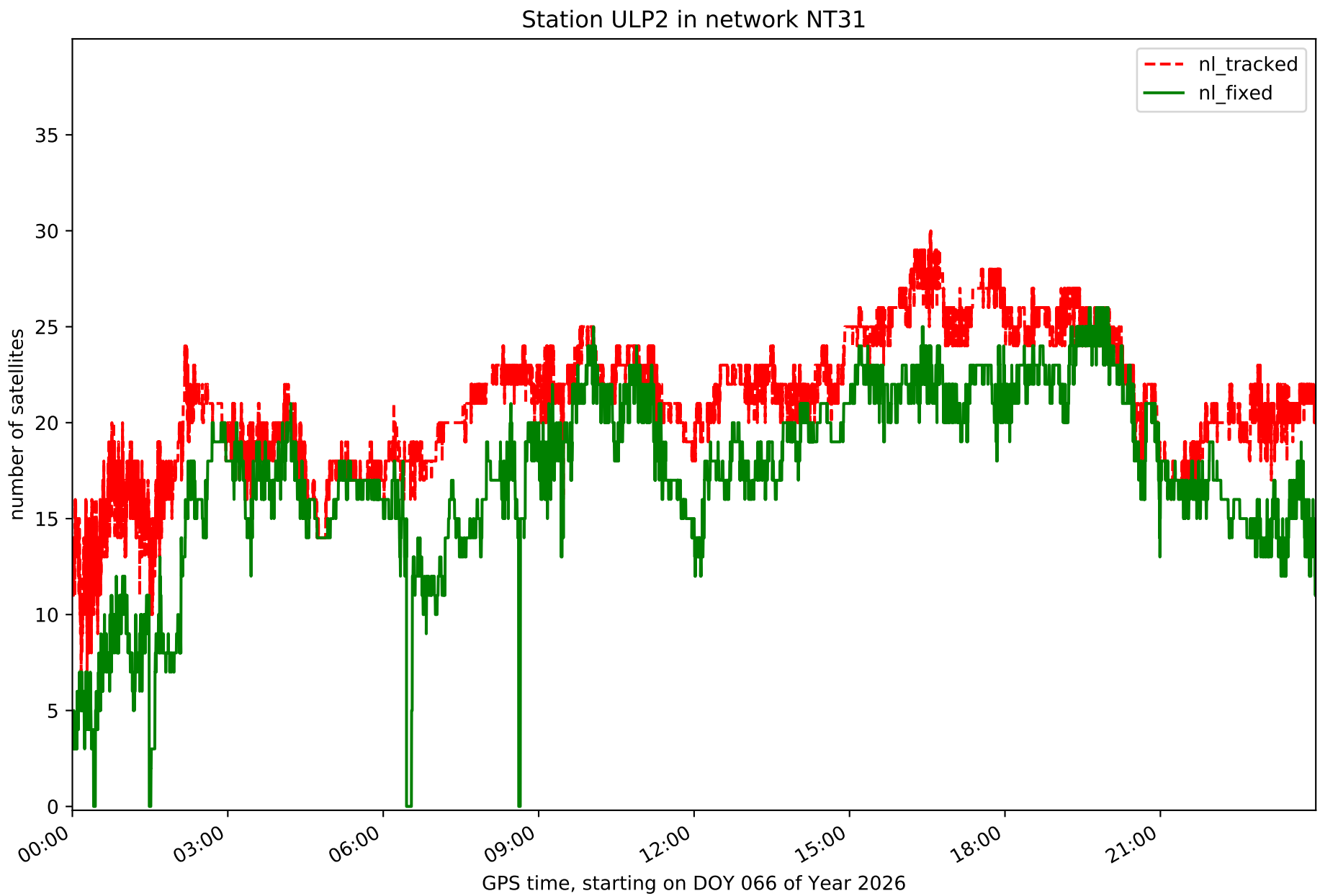

Station LALA in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

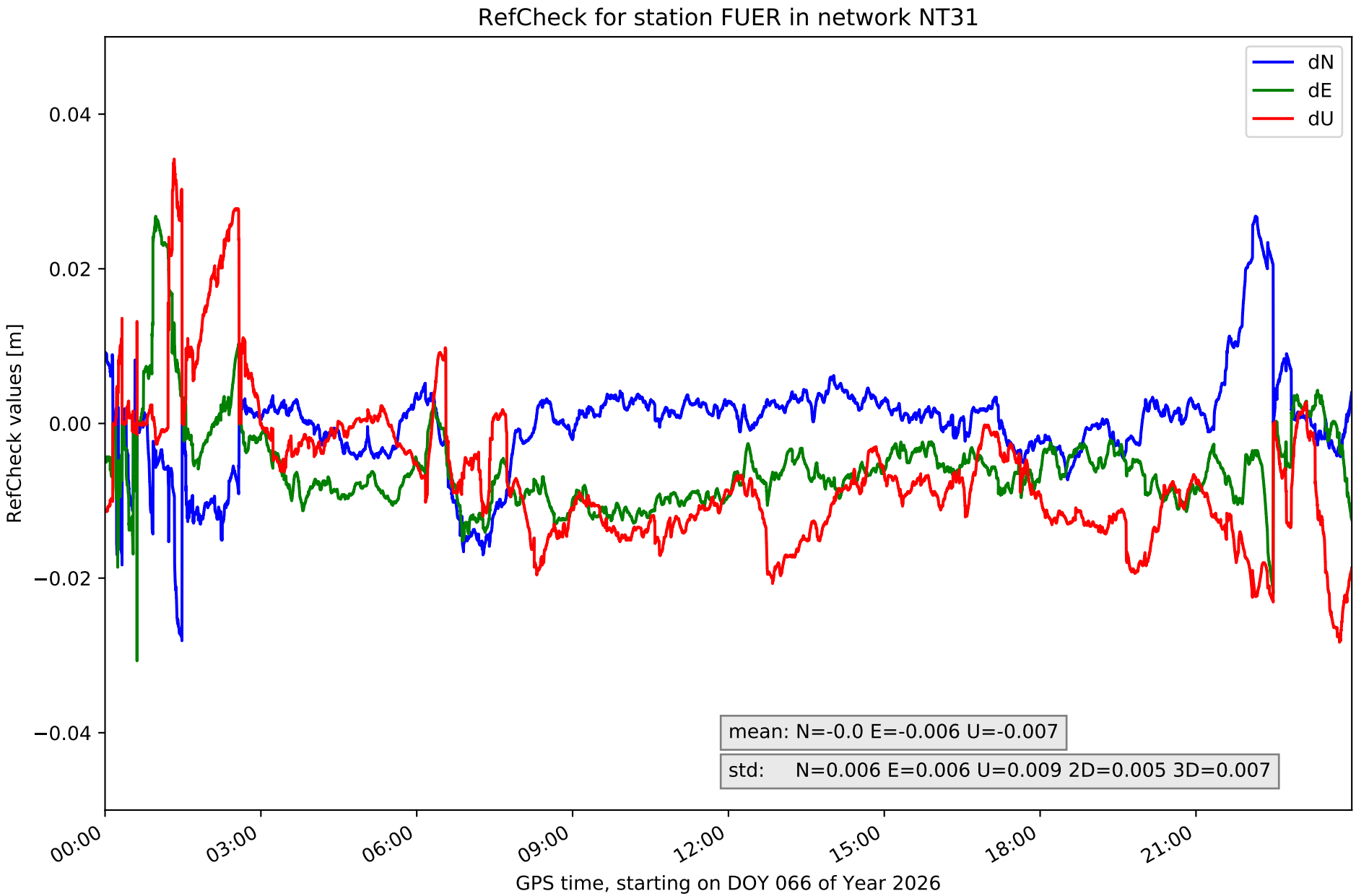

Station LZ01 in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

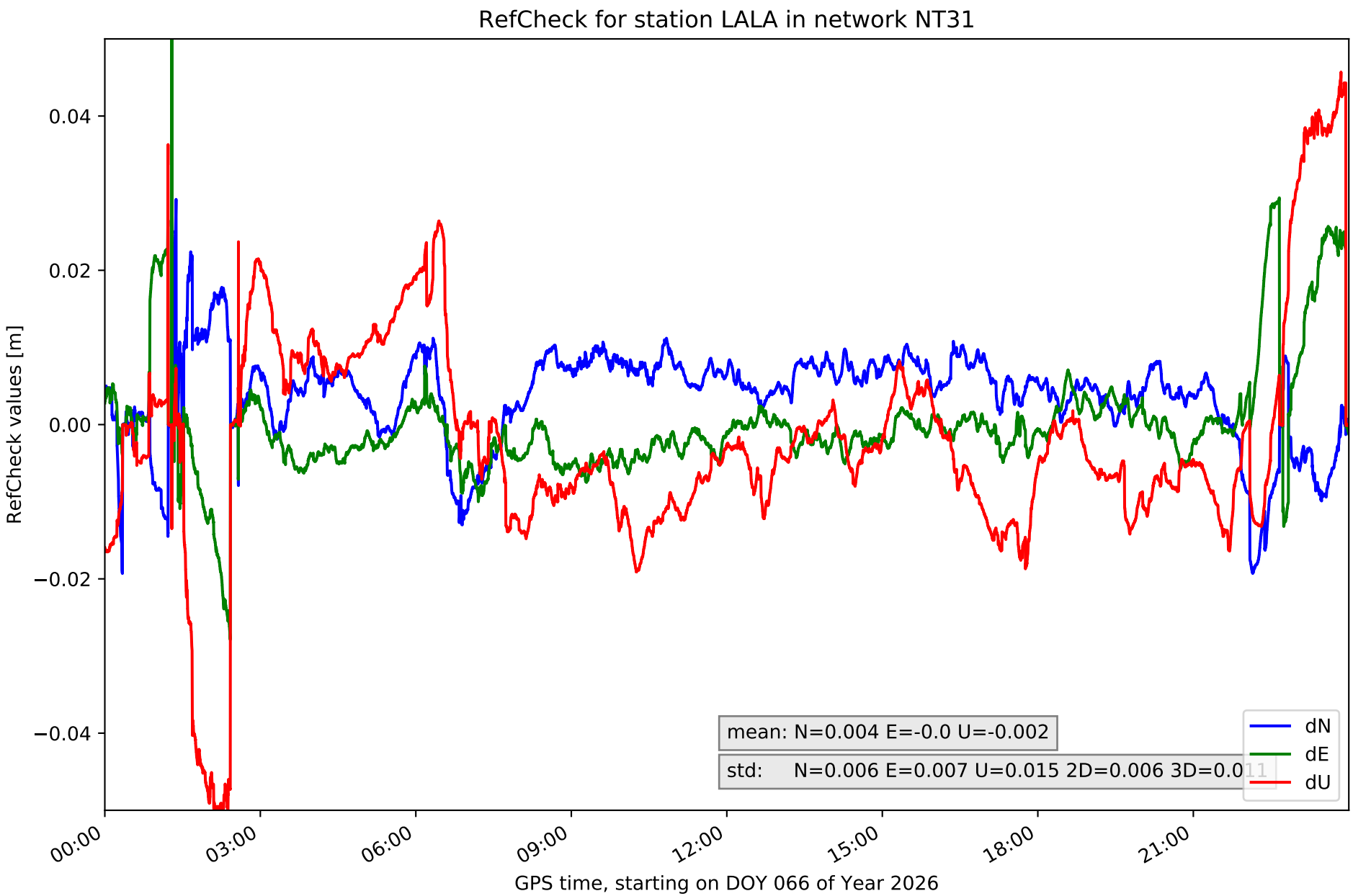

Station LZ02 in network NT31
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

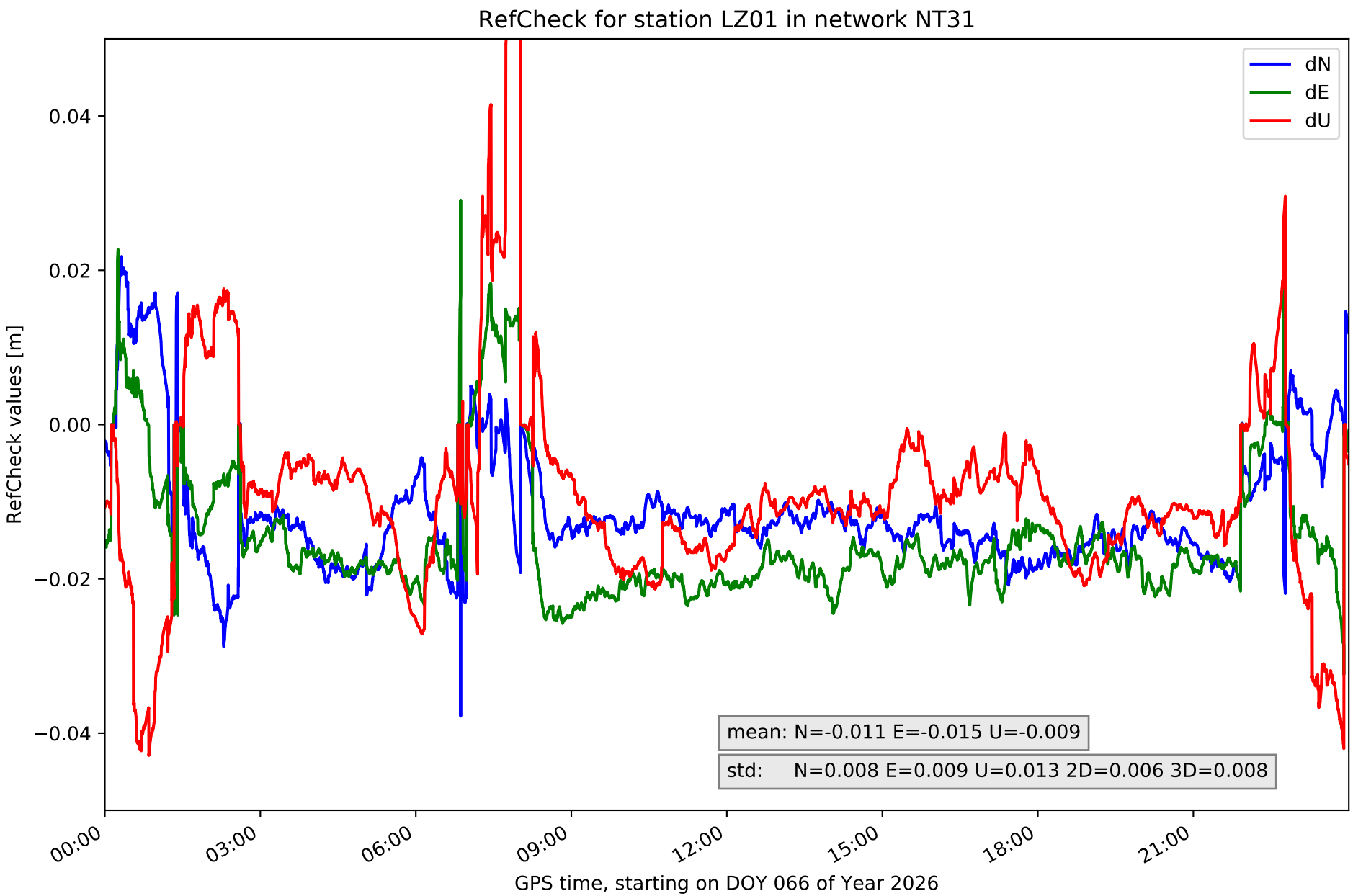

Station LZ03 in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

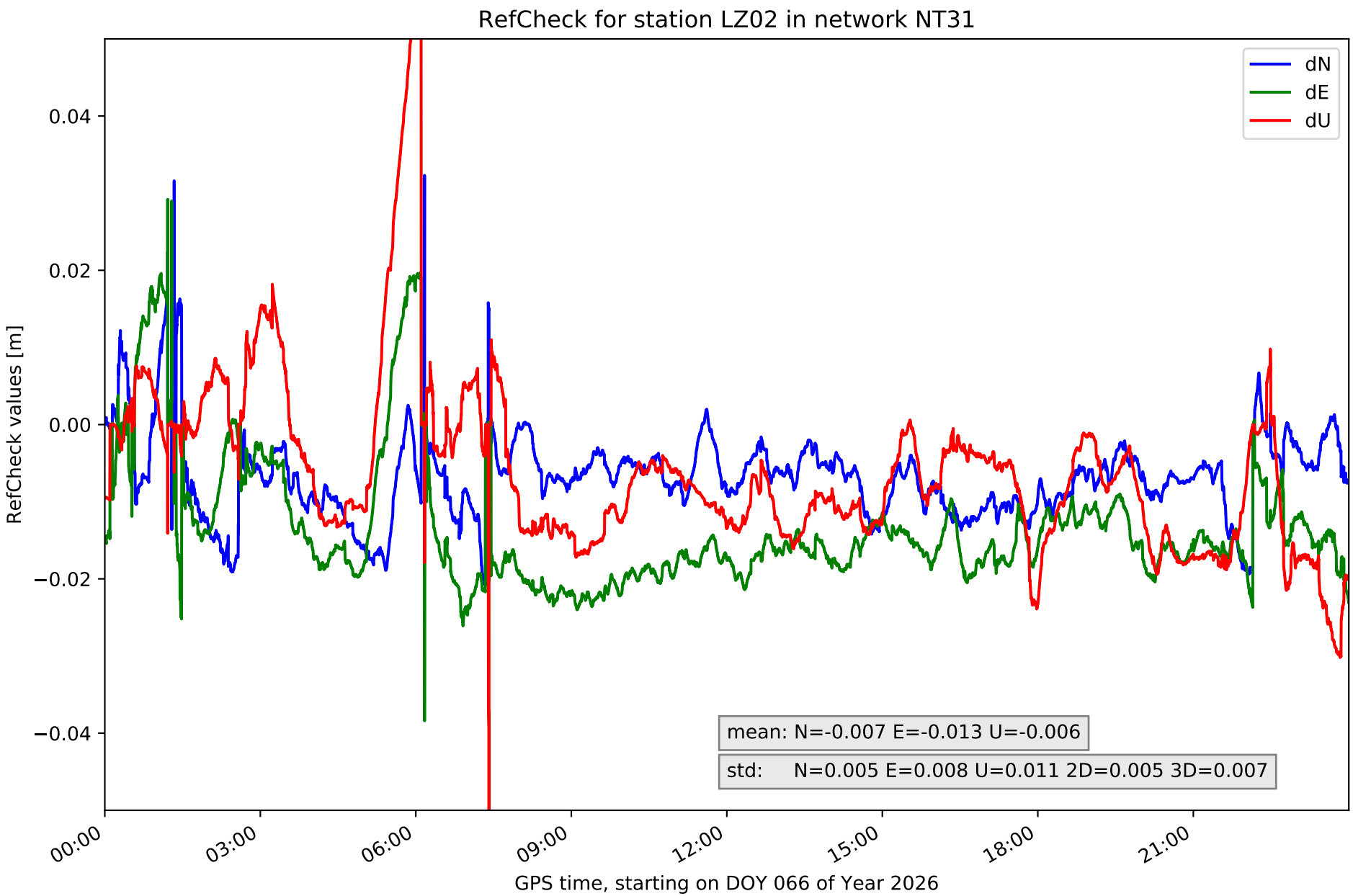

Station MASP in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

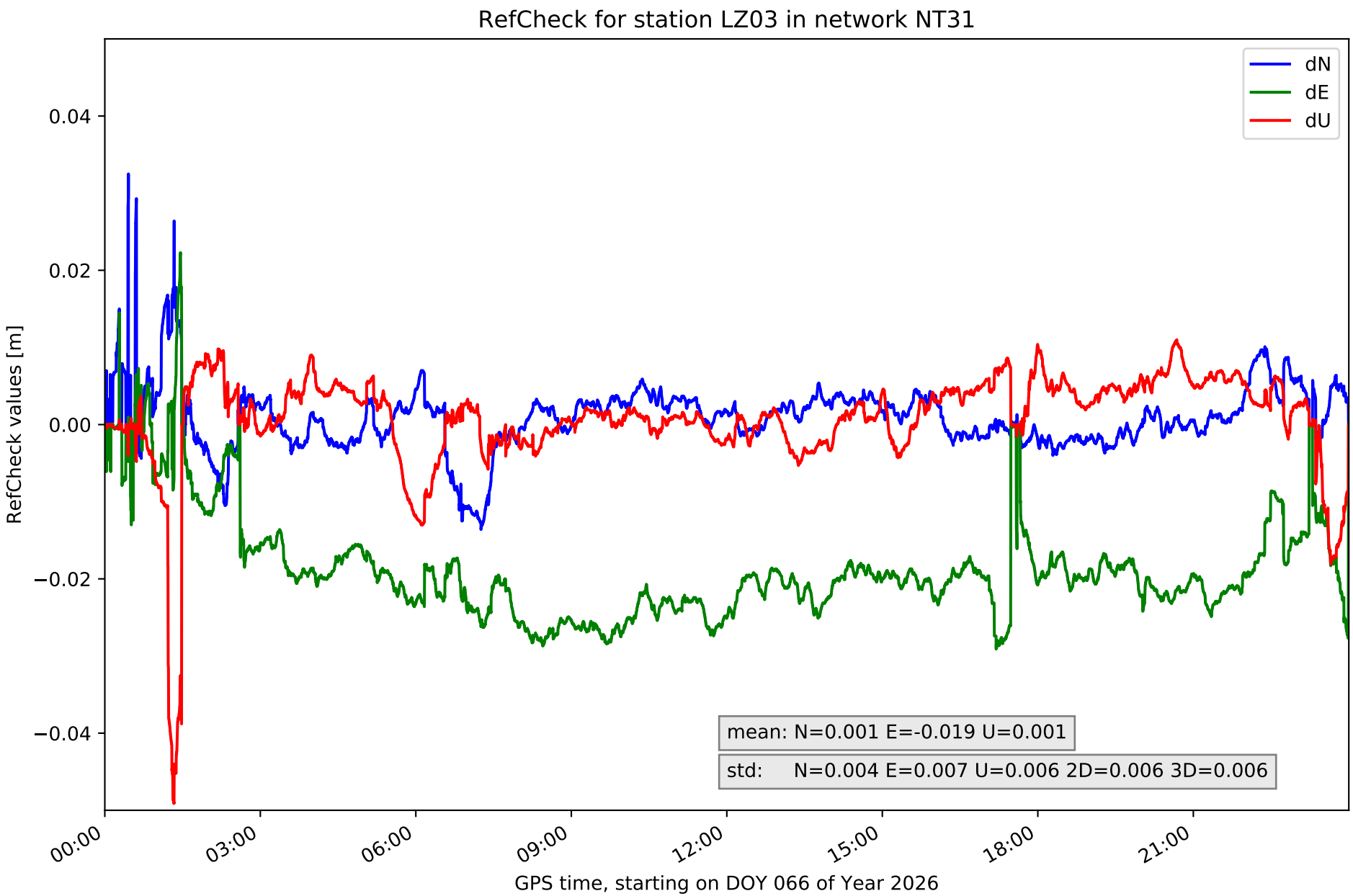

Station ULP2 in network NT31
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

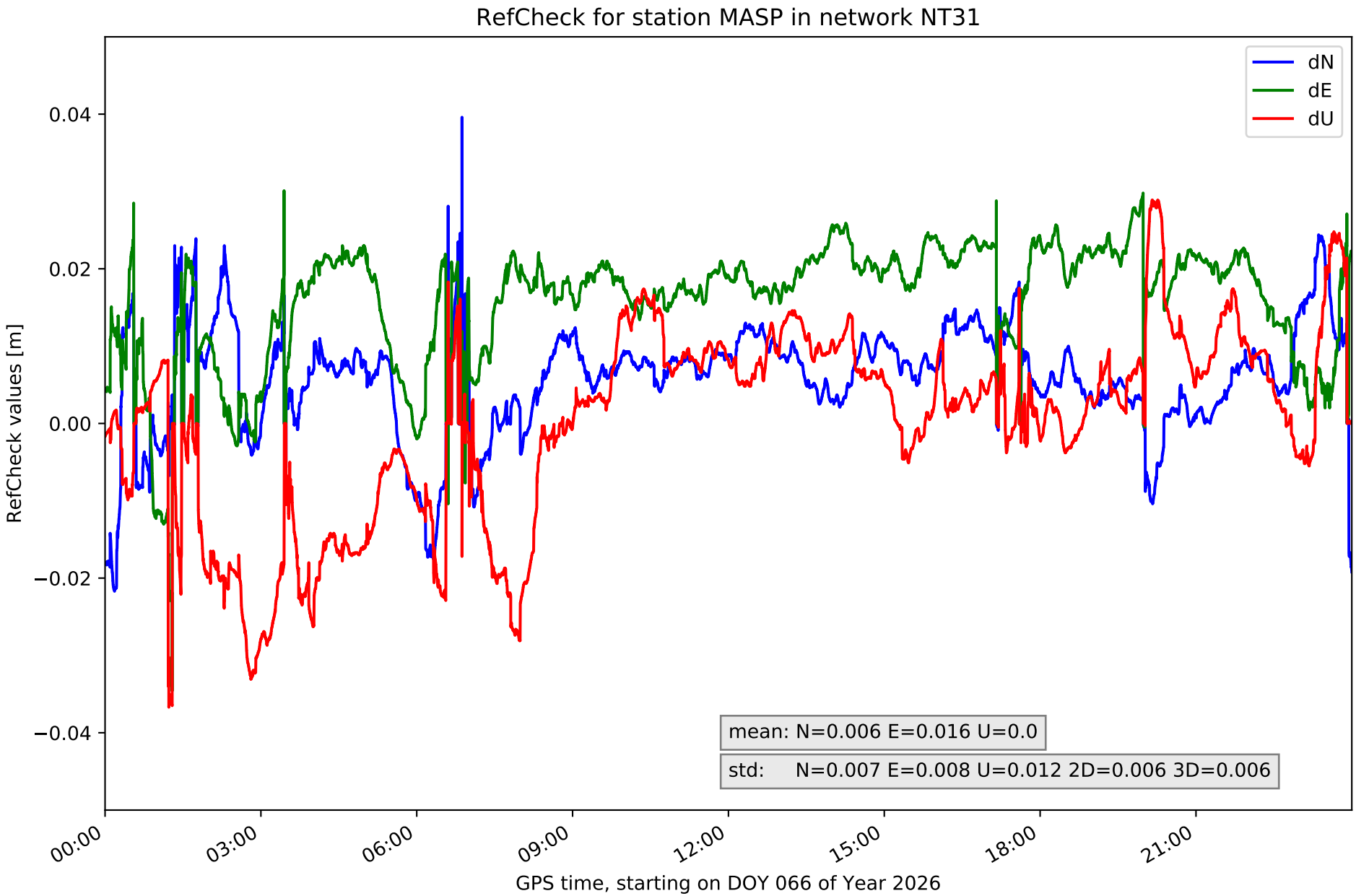

RefCheck for station FUER in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.006 U=-0.007
std: N=0.006 E=0.006 U=0.009 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026

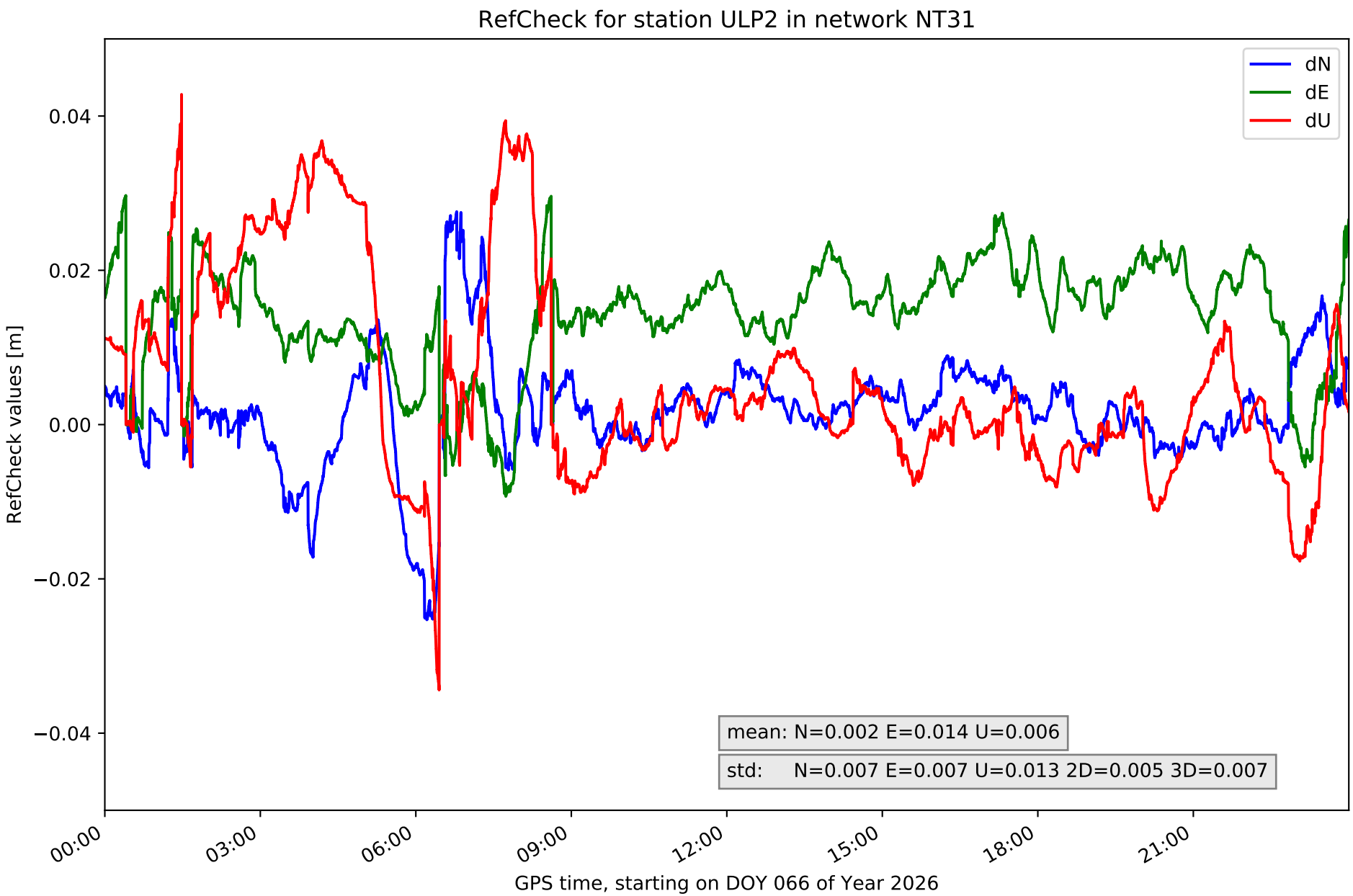

RefCheck for station LALA in network NT31
RefCheck values [m]
0.04
0.02
0.00
−0.02
−0.04
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 066 of Year 2026
mean: N=0.004 E=-0.0 U=-0.002
std: N=0.006 E=0.007 U=0.015 2D=0.006 3D=0.011
dN
dE
dU


RefCheck for station LZ01 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.011 E=-0.015 U=-0.009
std: N=0.008 E=0.009 U=0.013 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 066 of Year 2026


RefCheck for station LZ02 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=-0.013 U=-0.006
std: N=0.005 E=0.008 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 066 of Year 2026


RefCheck for station LZ03 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.019 U=0.001
std: N=0.004 E=0.007 U=0.006 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 066 of Year 2026


RefCheck for station MASP in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.016 U=0.0
std: N=0.007 E=0.008 U=0.012 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 066 of Year 2026


RefCheck for station ULP2 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.014 U=0.006
std: N=0.007 E=0.007 U=0.013 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 066 of Year 2026

RefCheck values for network NT31

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	-0.028	0.027	0.006	-0.031	0.027	0.006	-0.028	0.034	0.009	0.005	0.007	25582	30.3	11127	13.2
LALA	-0.019	0.029	0.006	-0.028	**0.057**	0.007	-0.051	0.046	**0.015**	**0.006**	**0.011**	16892	20.0	13671	16.2
LZ01	**-0.038**	0.022	**0.008**	-0.032	0.029	**0.009**	-0.043	**0.06**	0.013	**0.006**	0.008	78016	92.3	**75655**	**89.5**
LZ02	-0.021	0.032	0.005	**-0.038**	0.029	0.008	**-0.063**	**0.06**	0.011	0.005	0.007	76456	90.5	50091	59.3
LZ03	-0.014	0.033	0.004	-0.029	0.022	0.007	-0.049	0.011	0.006	**0.006**	0.006	**78214**	**92.6**	50703	60.0
MASP	-0.022	**0.04**	0.007	-0.035	0.03	0.008	-0.037	0.029	0.012	**0.006**	0.006	76867	91.0	63560	75.2
ULP2	-0.025	0.028	0.007	-0.009	0.03	0.007	-0.034	0.043	0.013	0.005	0.007	77881	92.2	38907	46.1
Mean	**-0.024**	**0.03**	**0.006**	**-0.029**	**0.032**	**0.007**	**-0.044**	**0.04**	**0.011**	**0.006**	**0.007**	**61415.4**	**72.7**	**43387.7**	**51.4**
Min/Max	**-0.038**	**0.04**	**0.008**	**-0.038**	**0.057**	**0.009**	**-0.063**	**0.06**	**0.015**	**0.006**	**0.011**	**78214**	**92.6**	**75655**	**89.5**

fixing statistic for network NT31

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	84.7	91.6	65.9	90.0	88.0
considering satellites with dual-frequency fixed	82.2	88.5	61.4	88.3	86.9
considering all signals separately	83.4	88.6	61.4	88.8	84.7