summary for network N01T

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

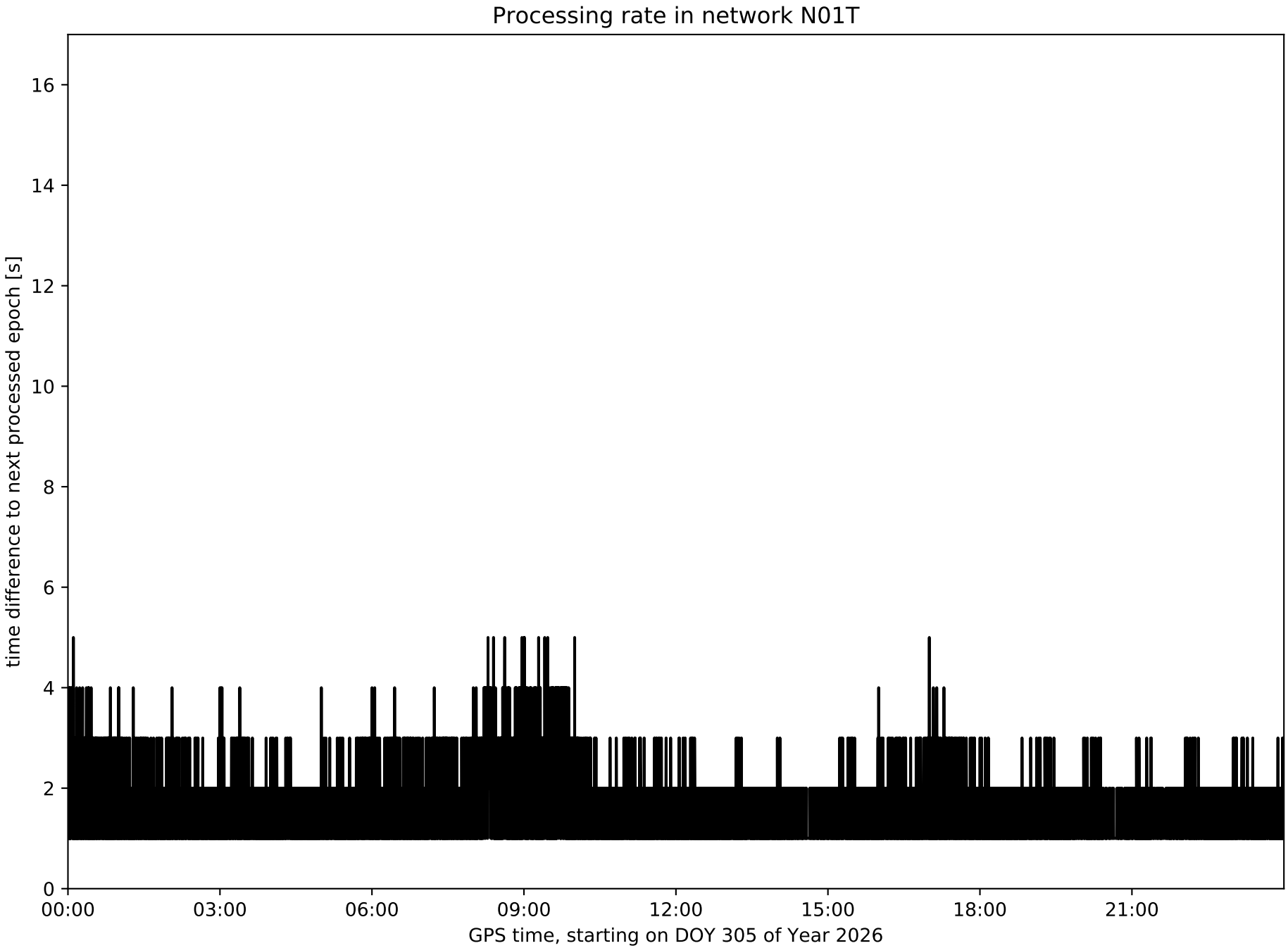
average update rate (durations larger than 15 seconds considered as observation gap): 1.4 seconds

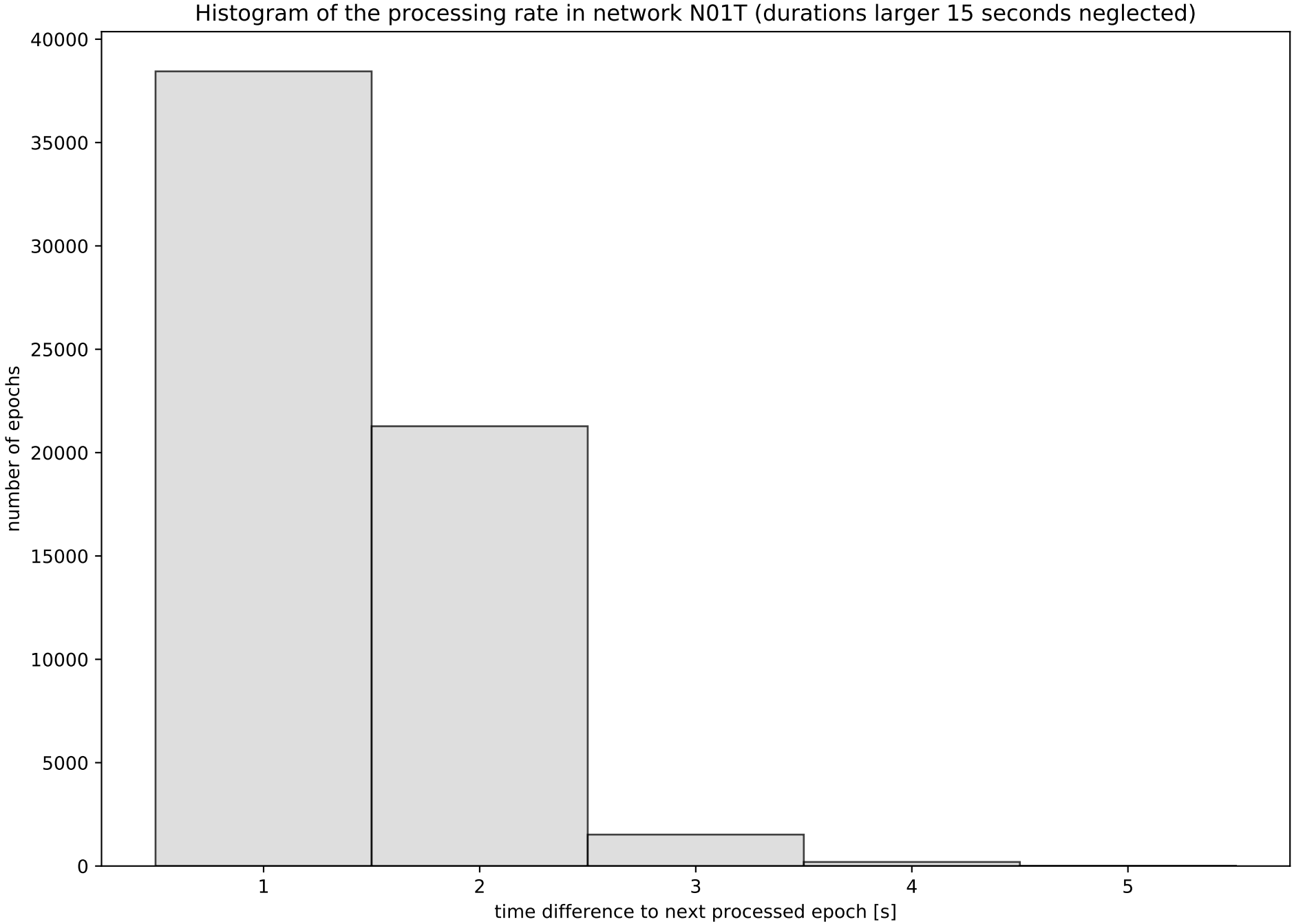
average fixing percentage with threshold set to 0.3: 95.1 percent

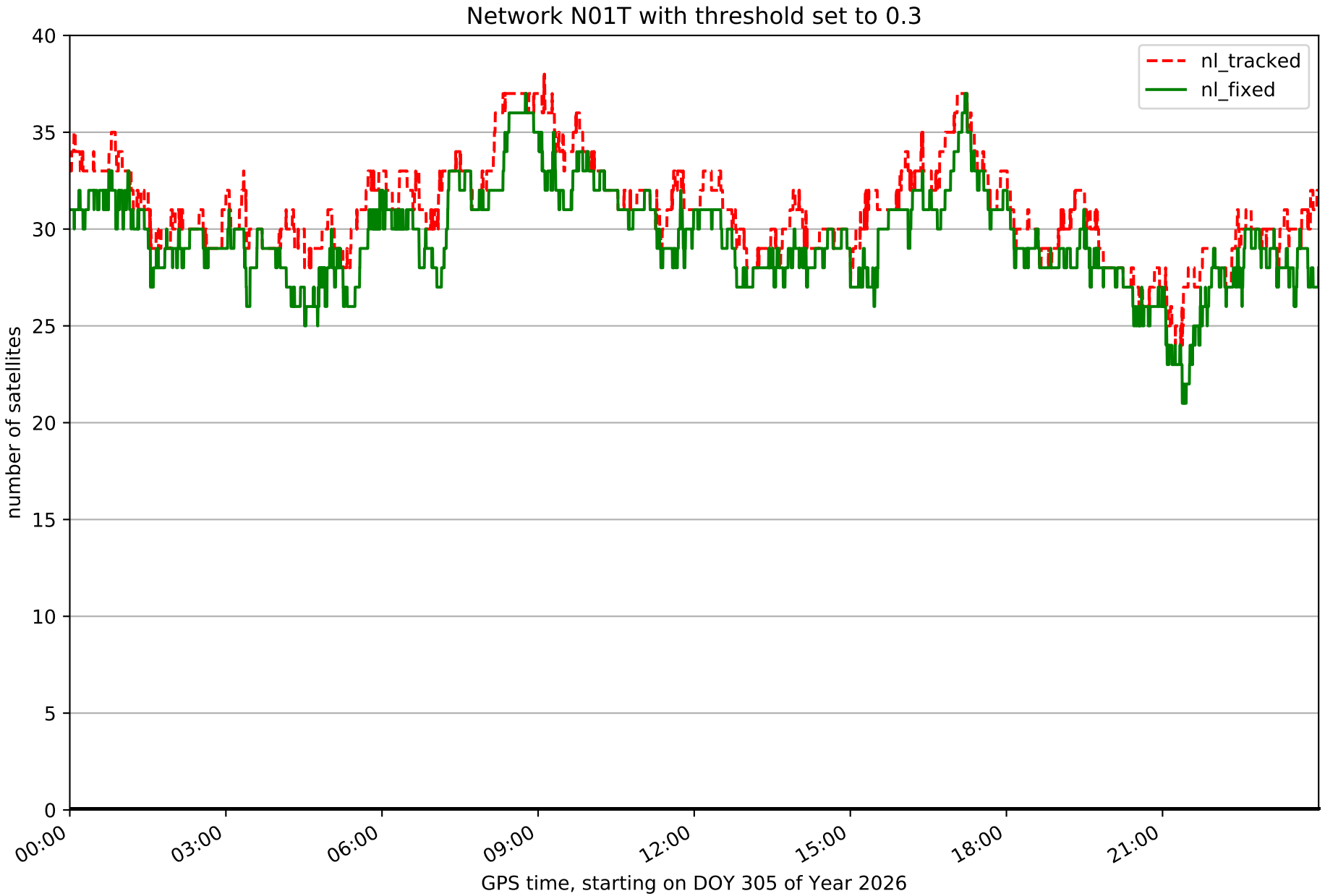
stations available: 19 of 20

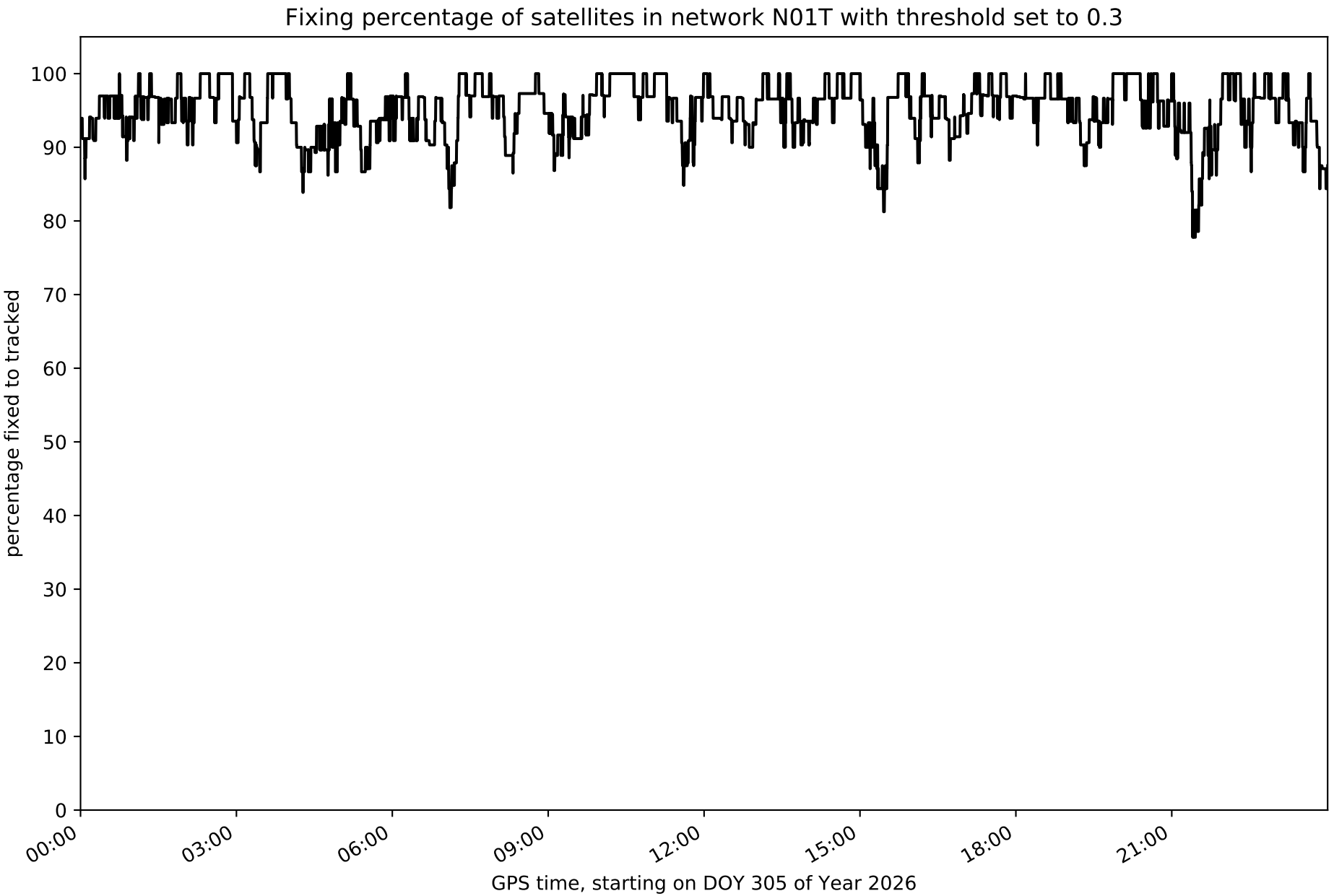
station information:

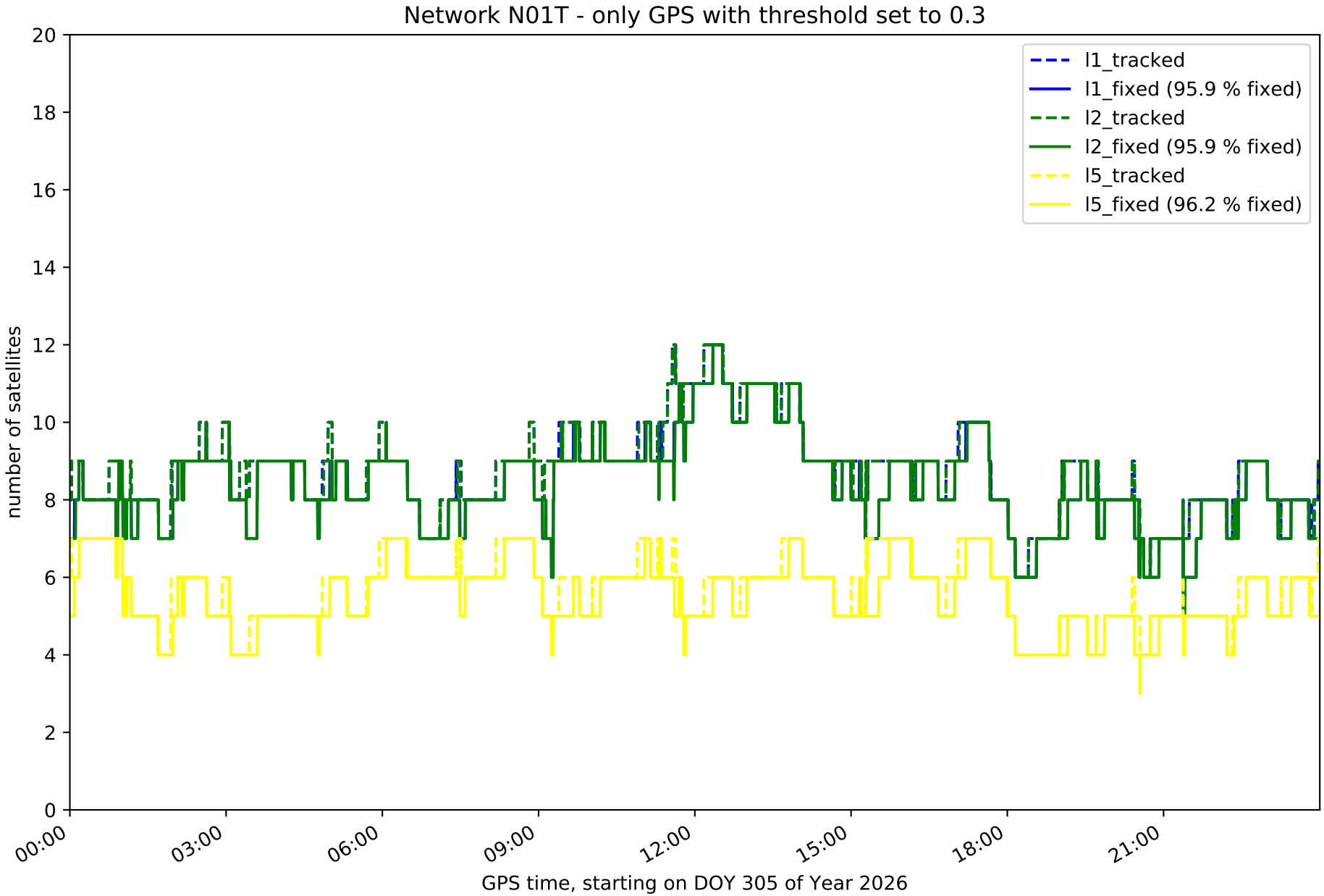
station ALMZ:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 1019.454
station ARAJ:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 580.917
station ARSP:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 638.139
station AVI2:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1206.511
station BUIT:	antenna: SEPCHOKE_B3E6 SPKE	receiver: SEPT POLARX5	height: 1032.704
station GMSR:	antenna: GPPNULLANTENNA NONE	receiver: TRIMBLE R750	height: 864.047
station IGNE:	antenna: LEIAT504GG LEIS	receiver: LEICA GR50	height: 766.956
station LABG:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 763.865
station LAB1:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 763.865
station OLM1:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 829.126
station ORUS:	antenna: TRM57971.00 TZGD	receiver: TRIMBLE NETR9	height: 862.752
station MAD1:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 724.477
station NVDA:	antenna: GPPNULLANTENNA NONE	receiver: TRIMBLE R750	height: 933.477
station PEN1:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 814.545
station RIA1:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1263.773
station SGVA:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 1076.311
station SMDV:	antenna: TPSCR.G3 TPSH	receiver: TPS NET-G5	height: 670.78
station TALV:	antenna: TPSCR.G5 TPSH	receiver: TPS NET-G5	height: 458.345
station YEB1:	antenna: LEIAR25 NONE	receiver: LEICA GR25	height: 975.396

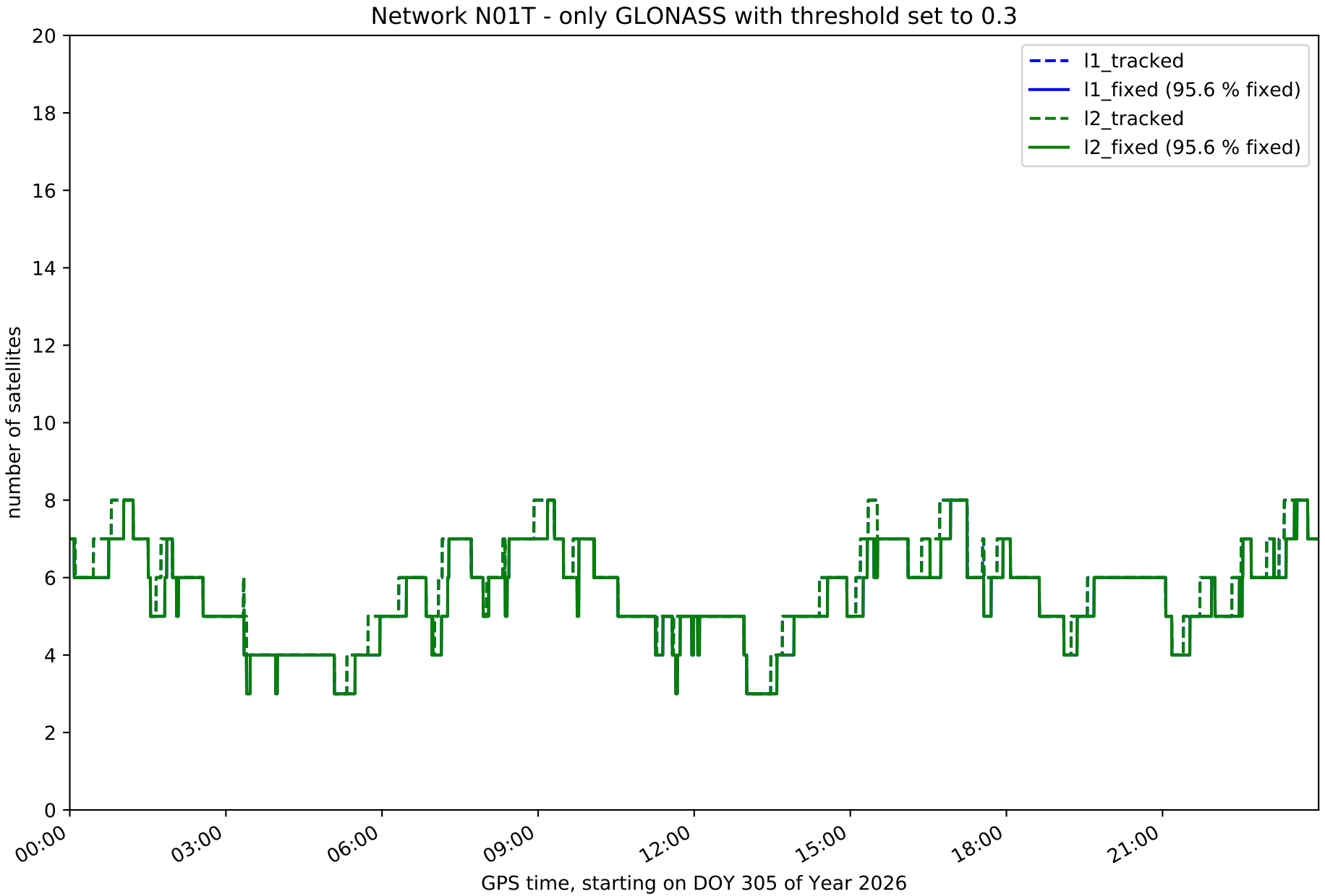

Processing rate in network N01T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

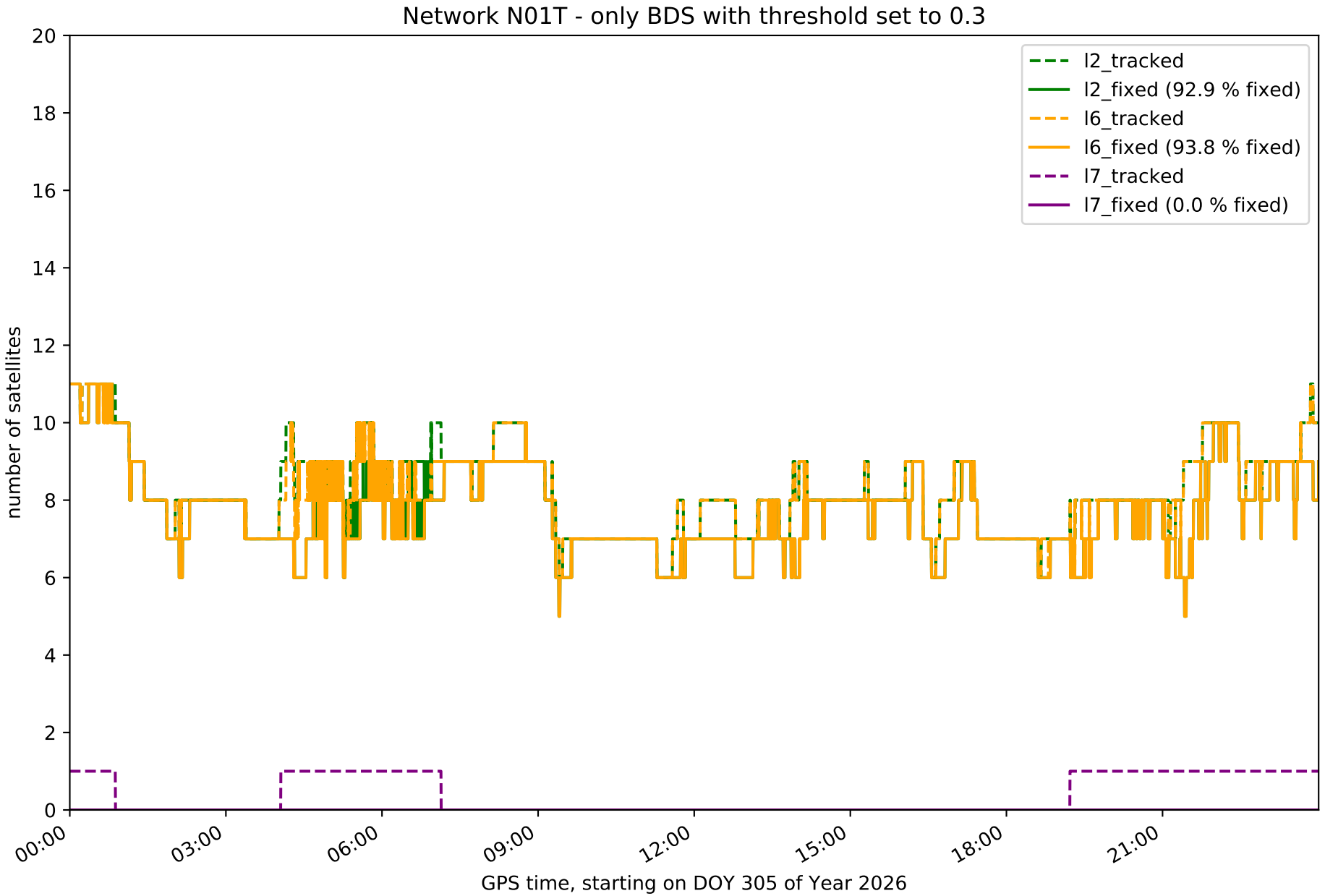

Histogram of the processing rate in network N01T (durations larger 15 seconds neglected)
number of epochs
0
5000
10000
15000
20000
25000
30000
35000
40000
1
2
3
4
5
time difference to next processed epoch [s]

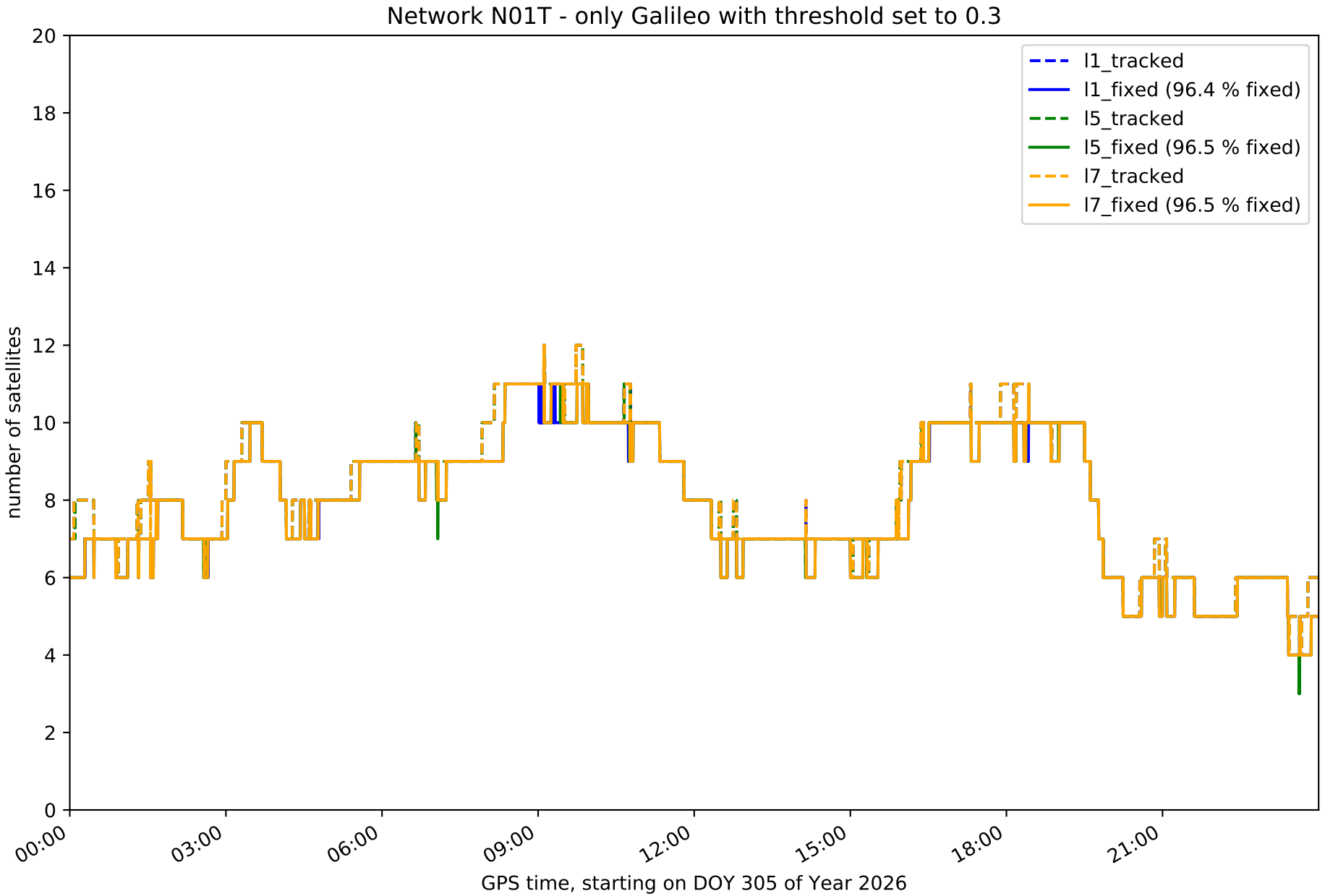

Network N01T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

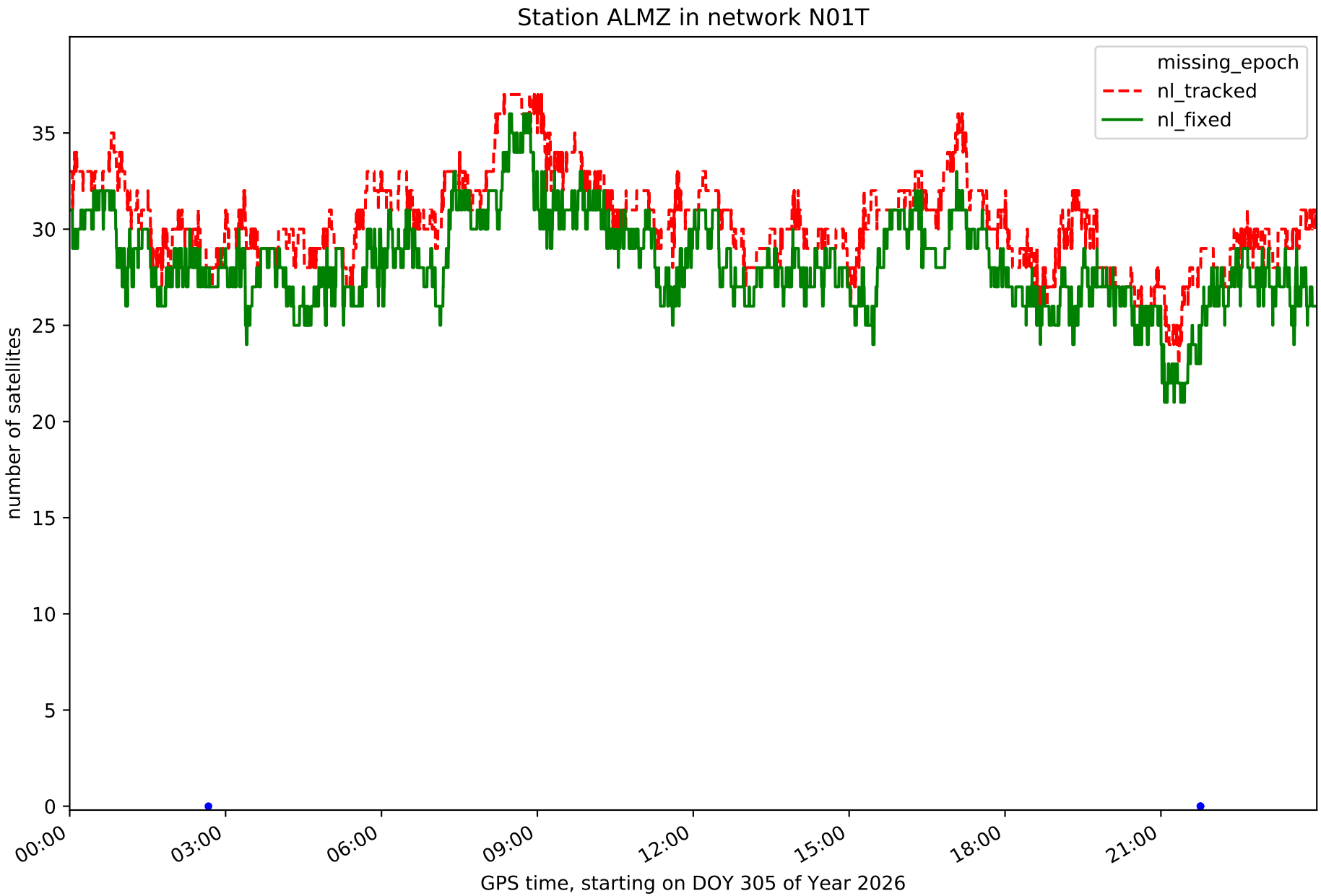

Fixing percentage of satellites in network N01T with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

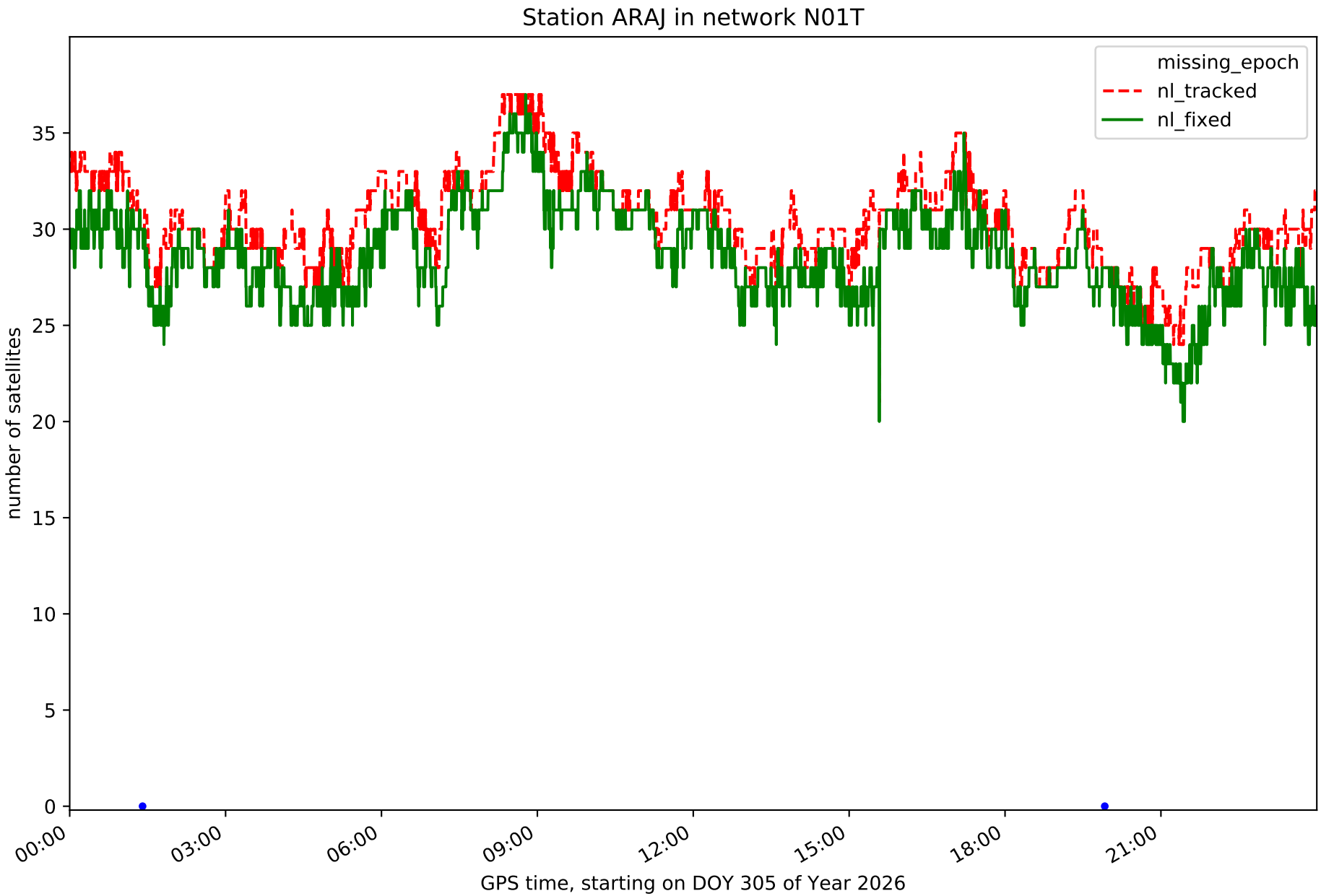

Network N01T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
l1_tracked
l1_fixed (95.9 % fixed)
l2_tracked
l2_fixed (95.9 % fixed)
l5_tracked
l5_fixed (96.2 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

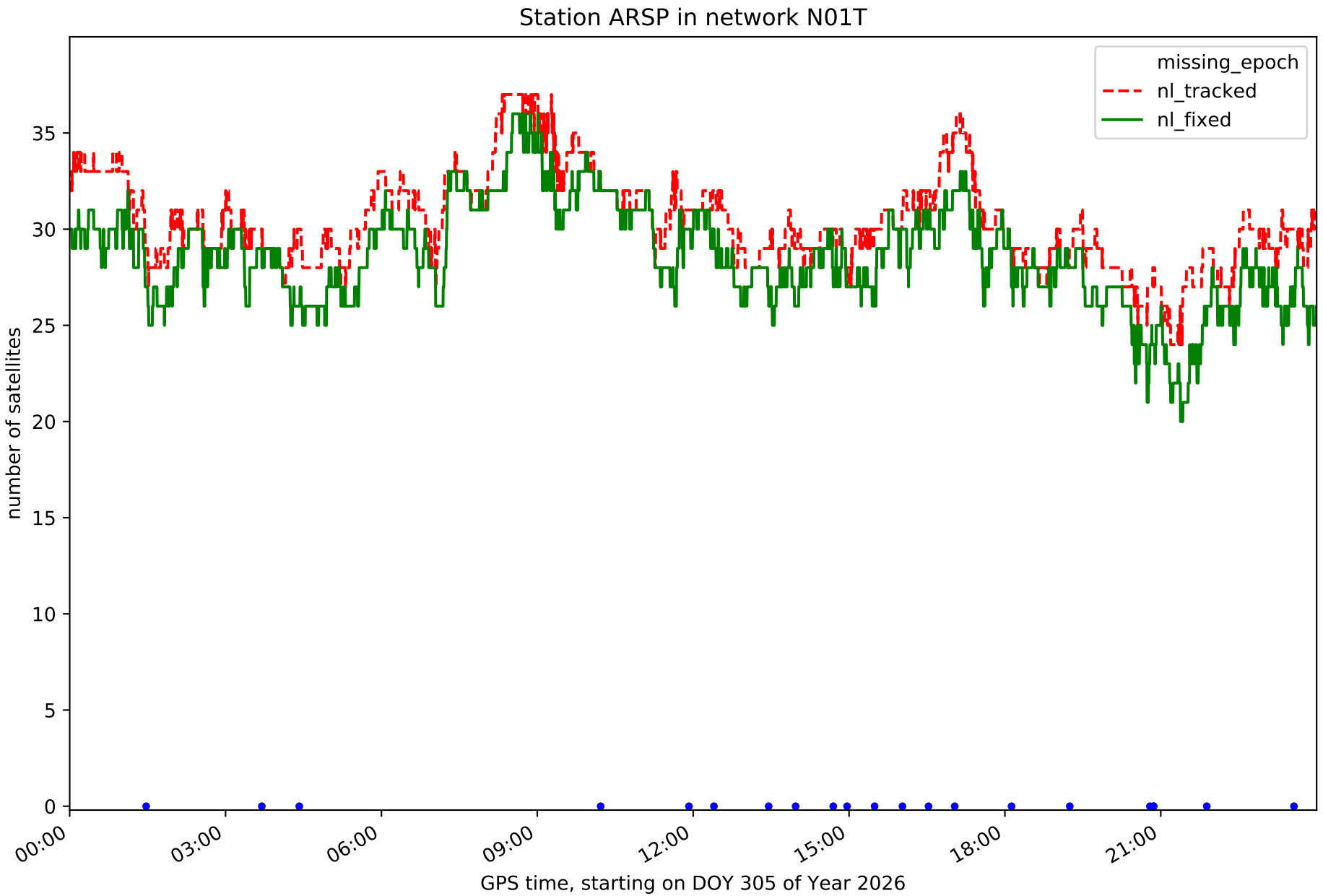

Network N01T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (95.6 % fixed)
l2_tracked
l2_fixed (95.6 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

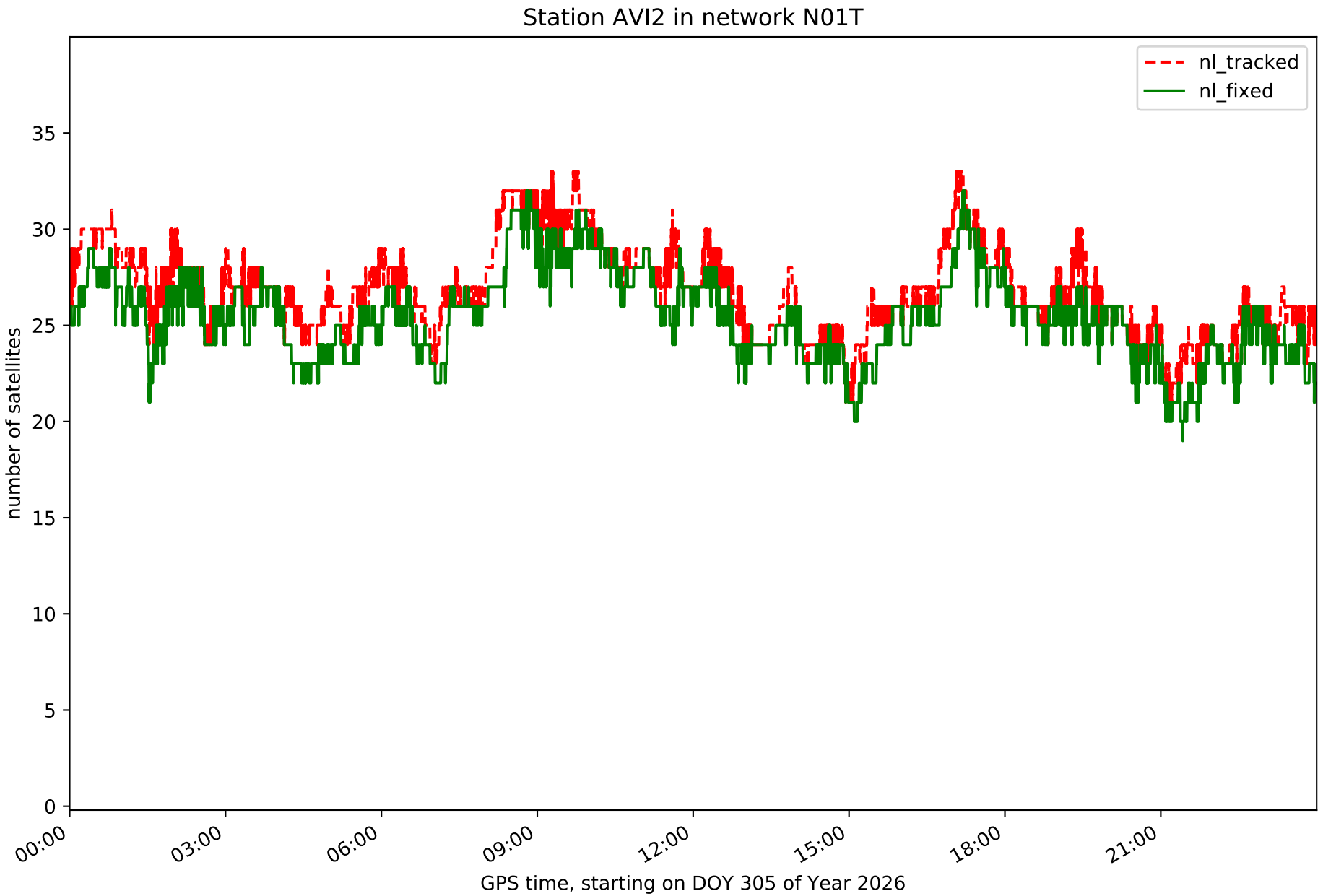

Network N01T - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (92.9 % fixed)
I6_tracked
I6_fixed (93.8 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

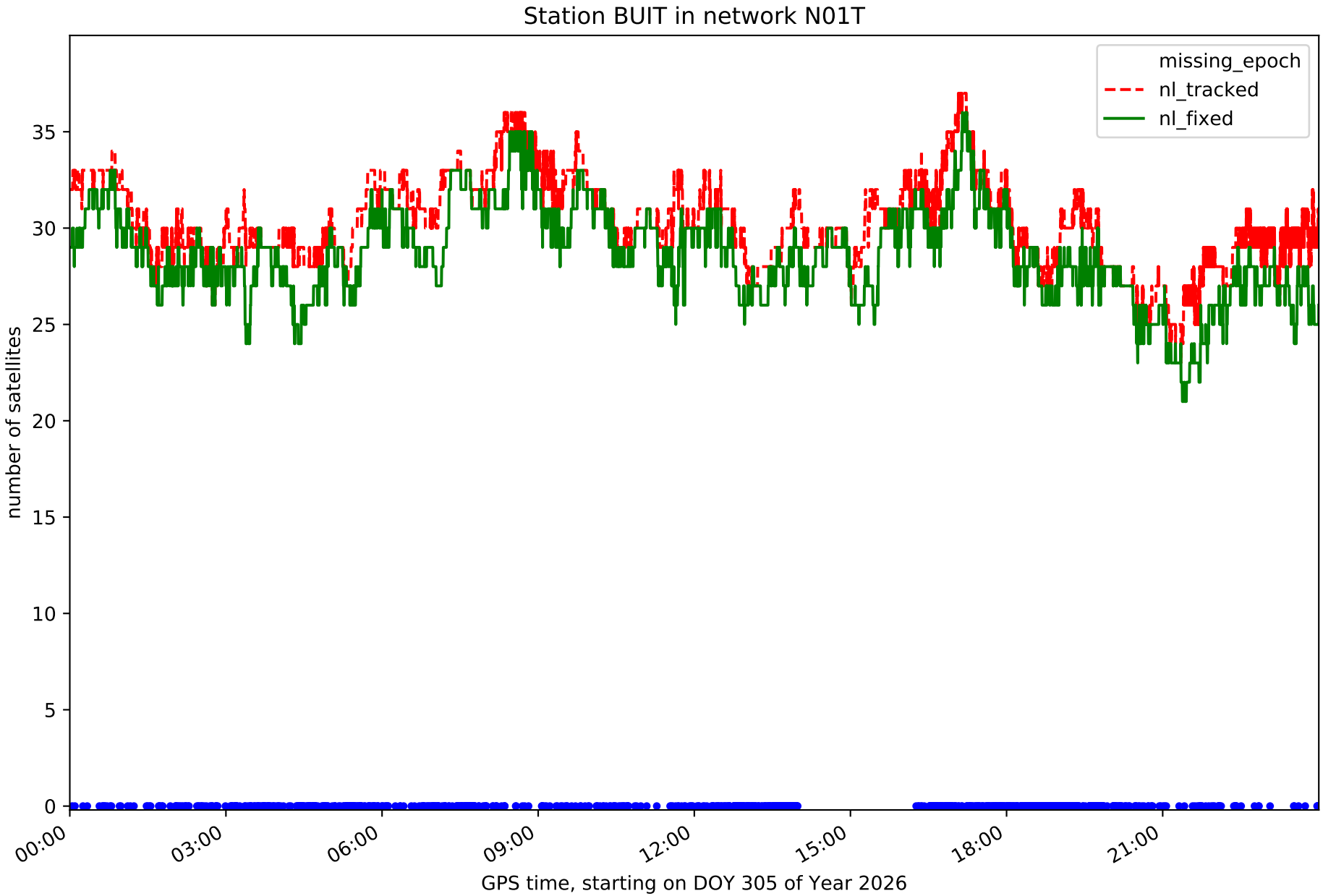

Network N01T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
l1_tracked
l1_fixed (96.4 % fixed)
l5_tracked
l5_fixed (96.5 % fixed)
l7_tracked
l7_fixed (96.5 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

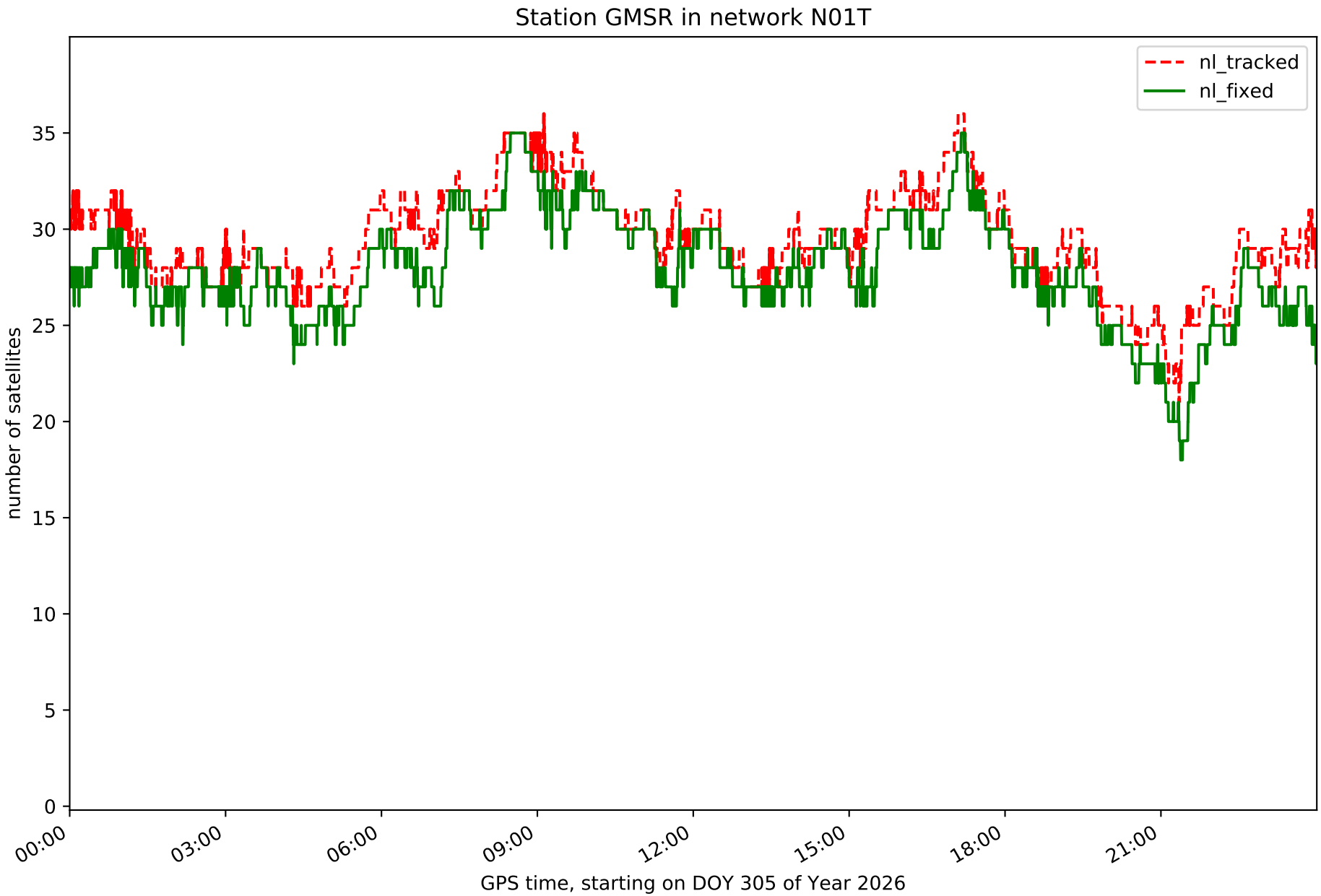

Station ALMZ in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

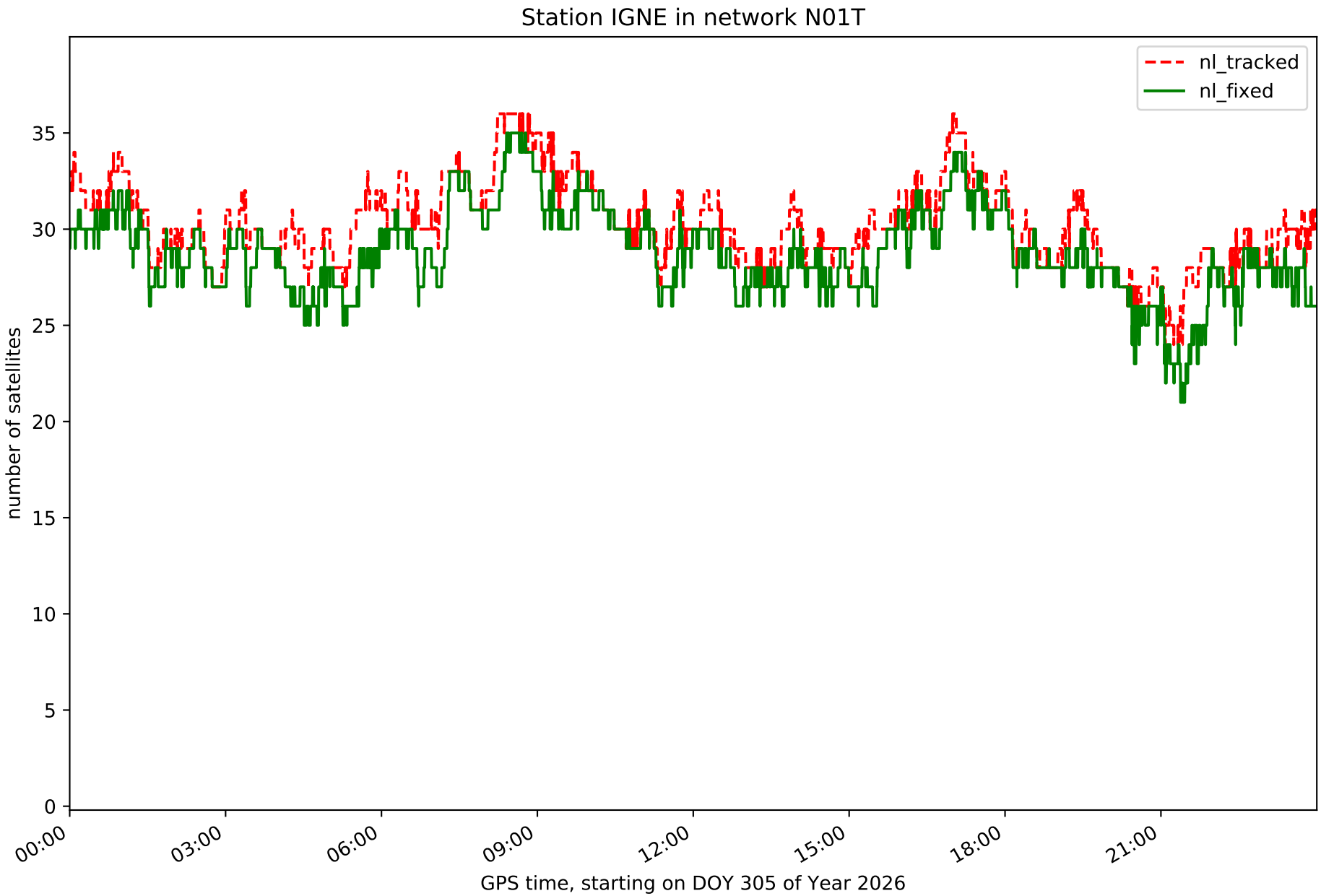

Station ARAJ in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

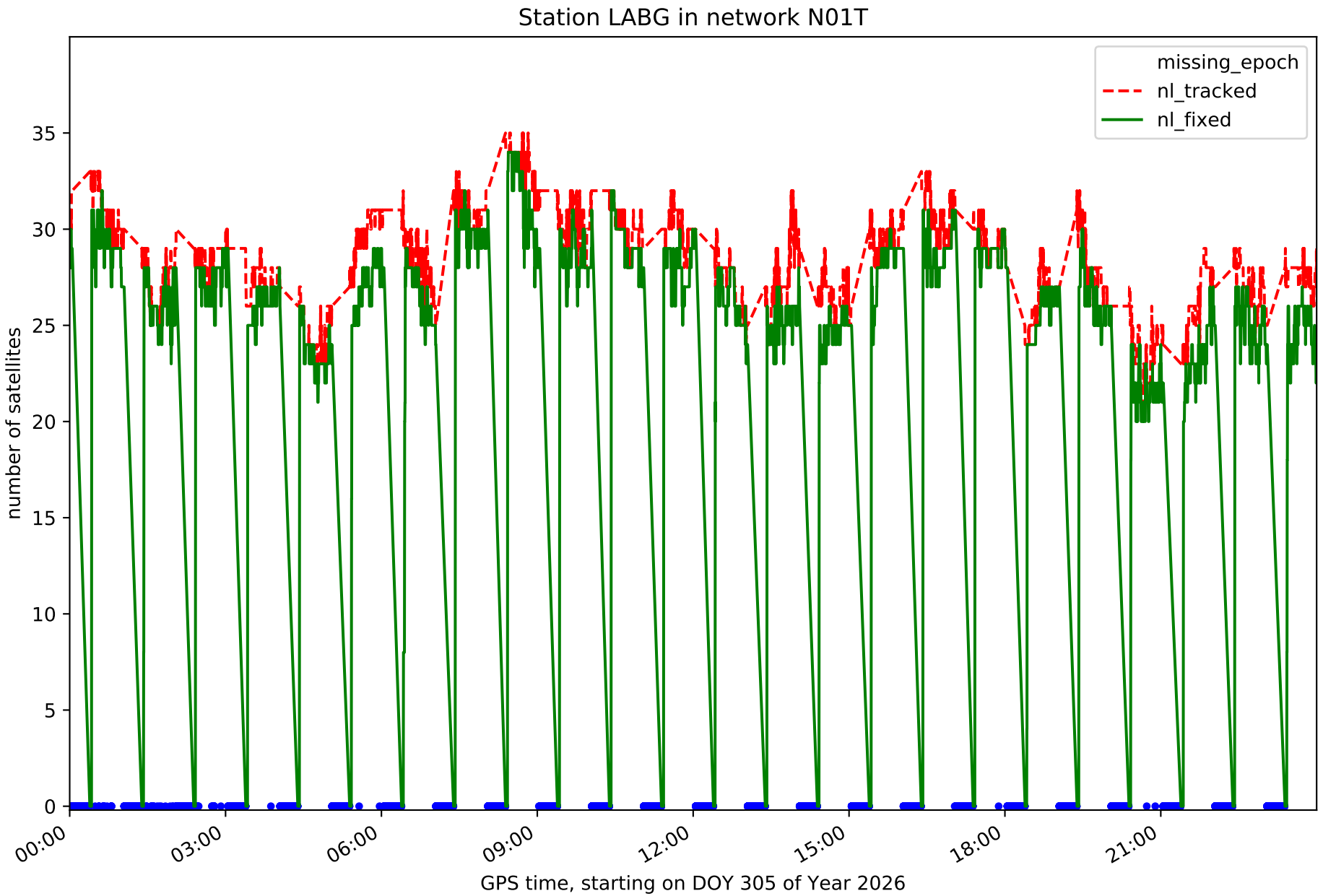

Station ARSP in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

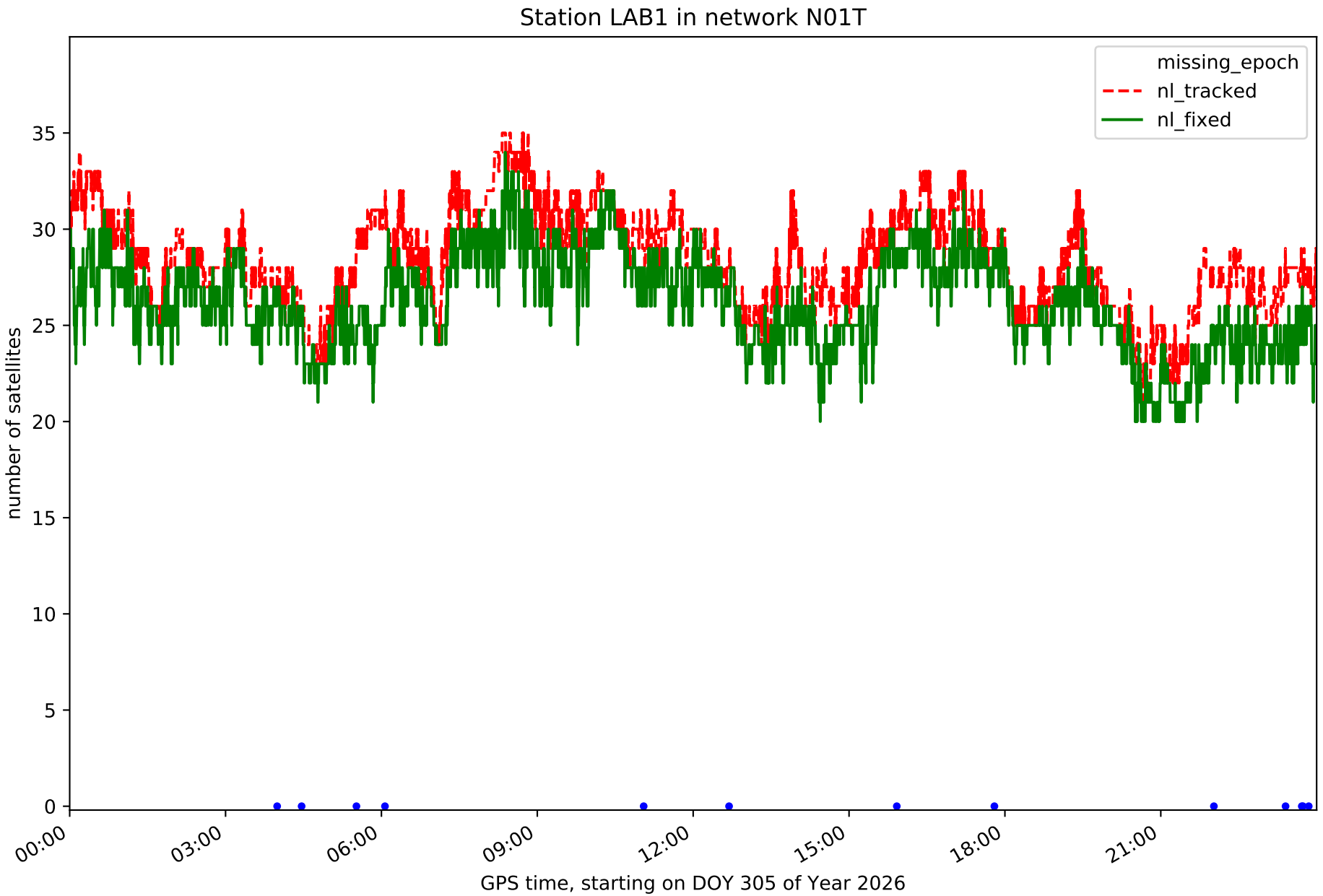

Station AVI2 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

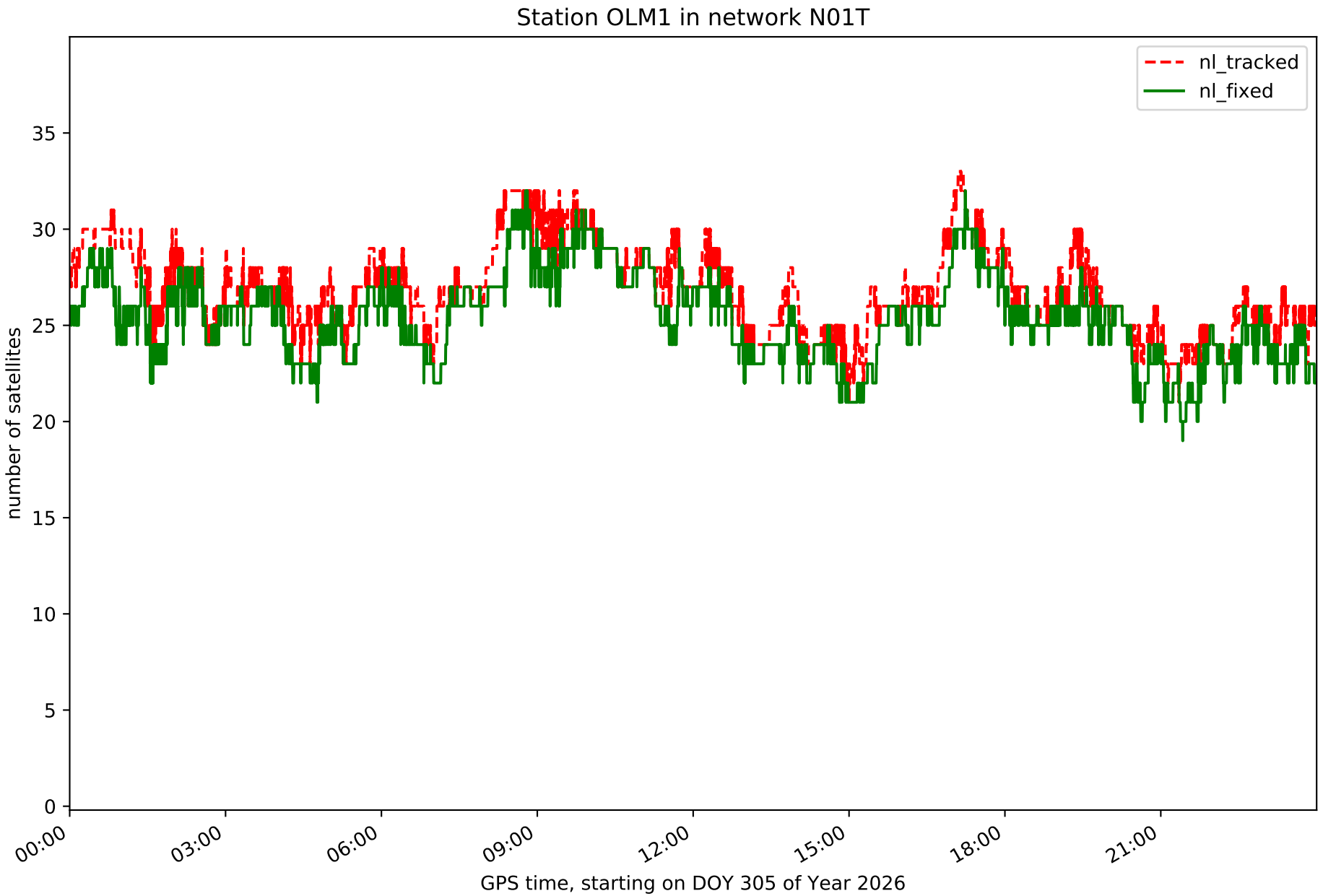

Station BUIT in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

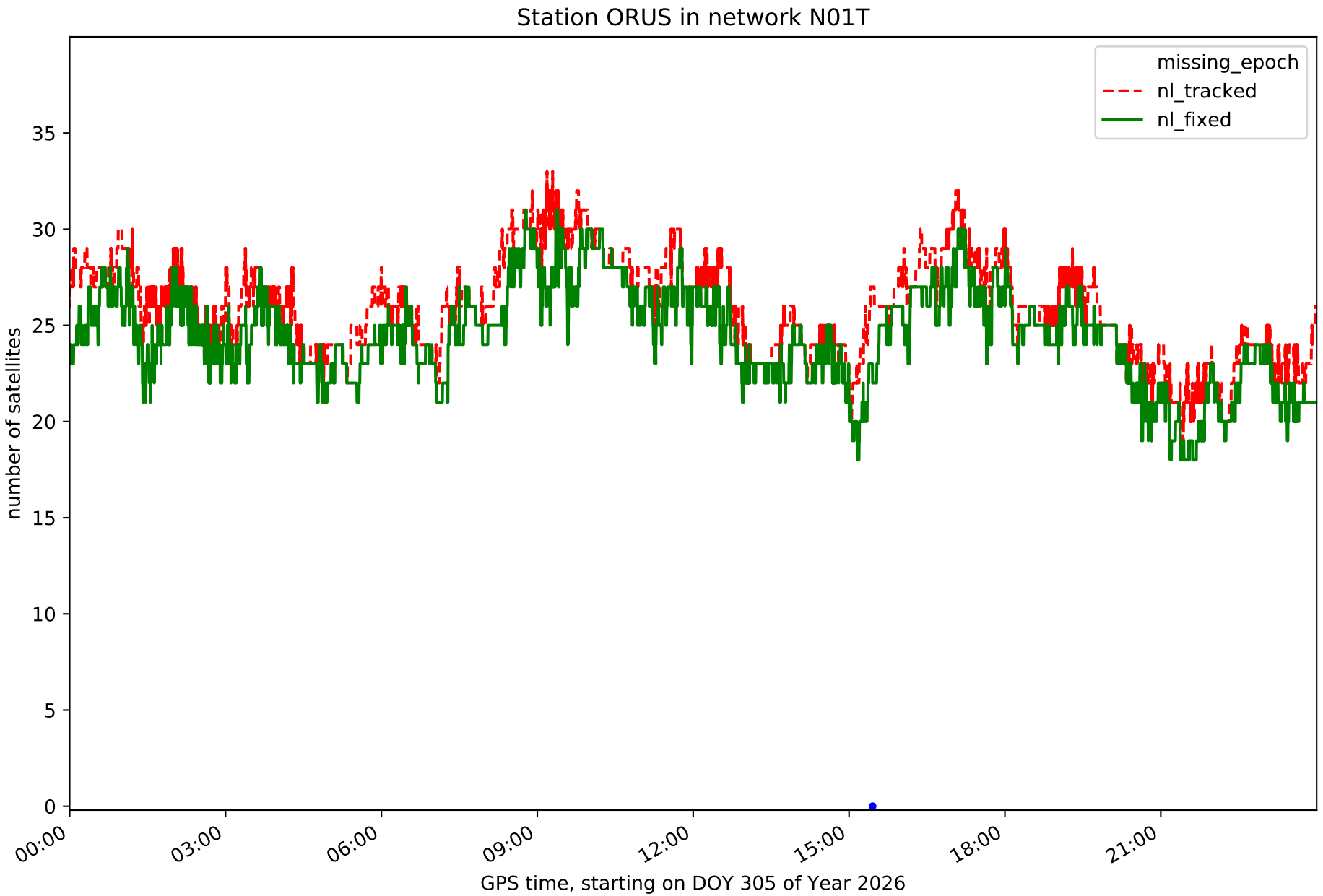

Station GMSR in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

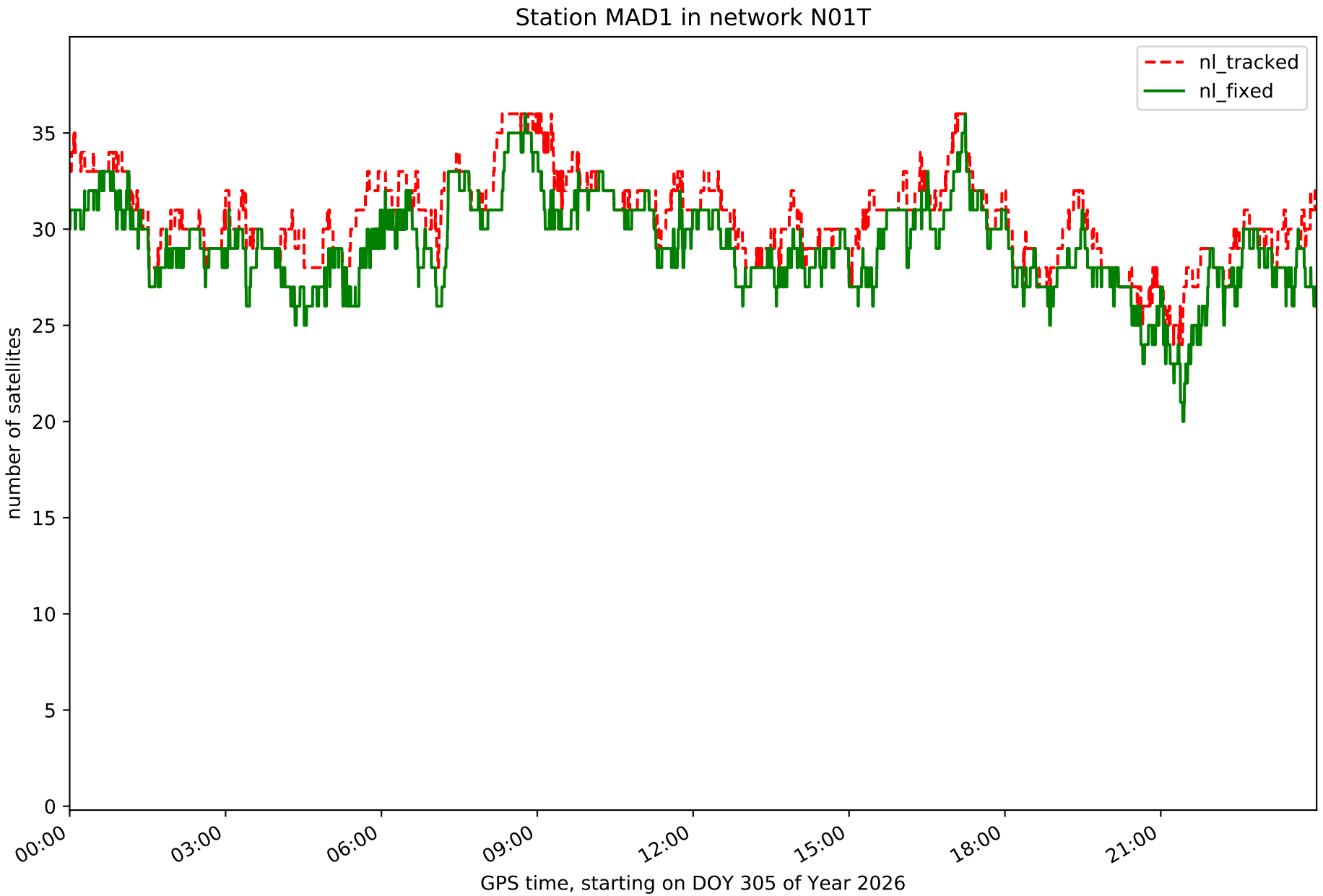

Station IGNE in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

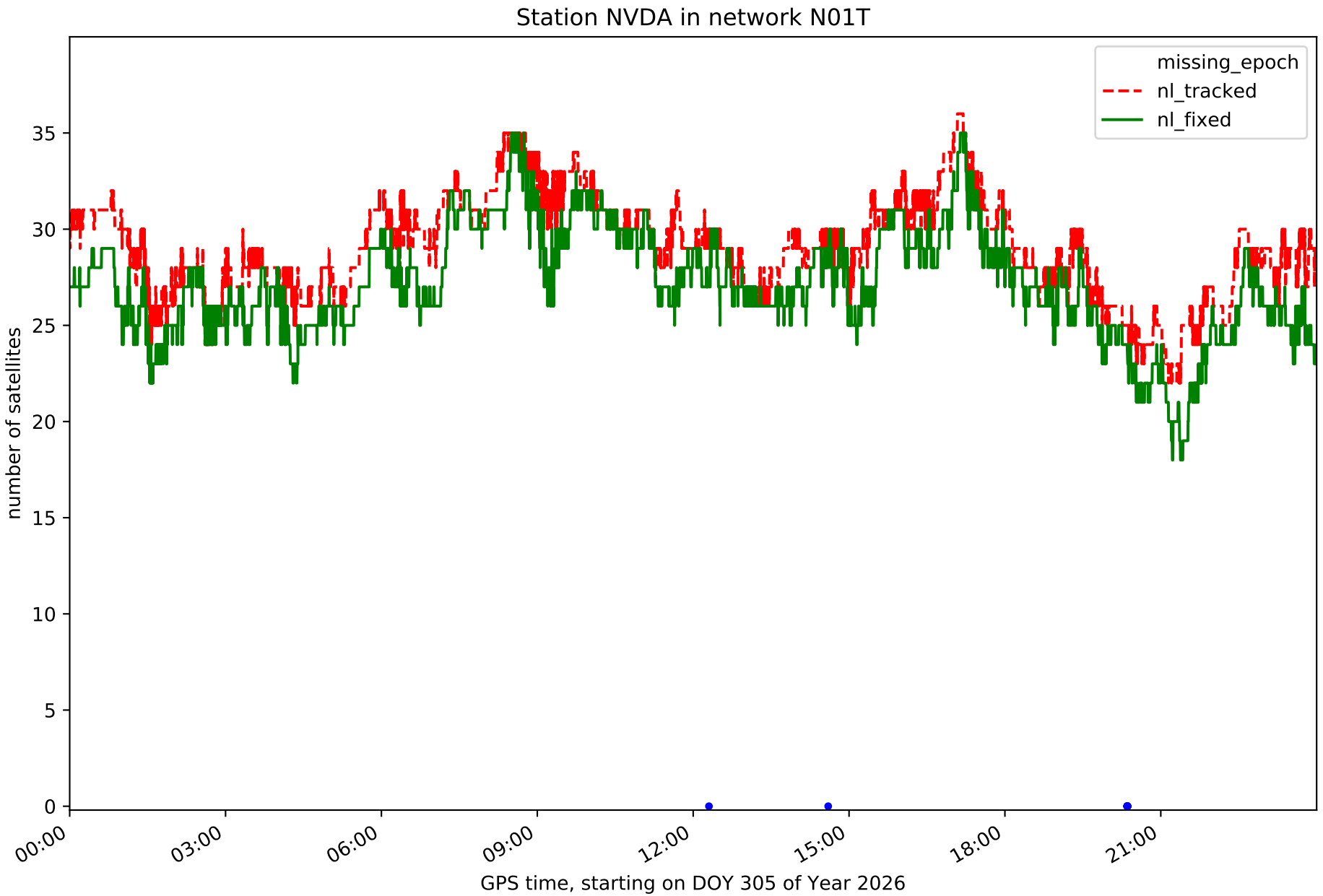

Station LABG in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

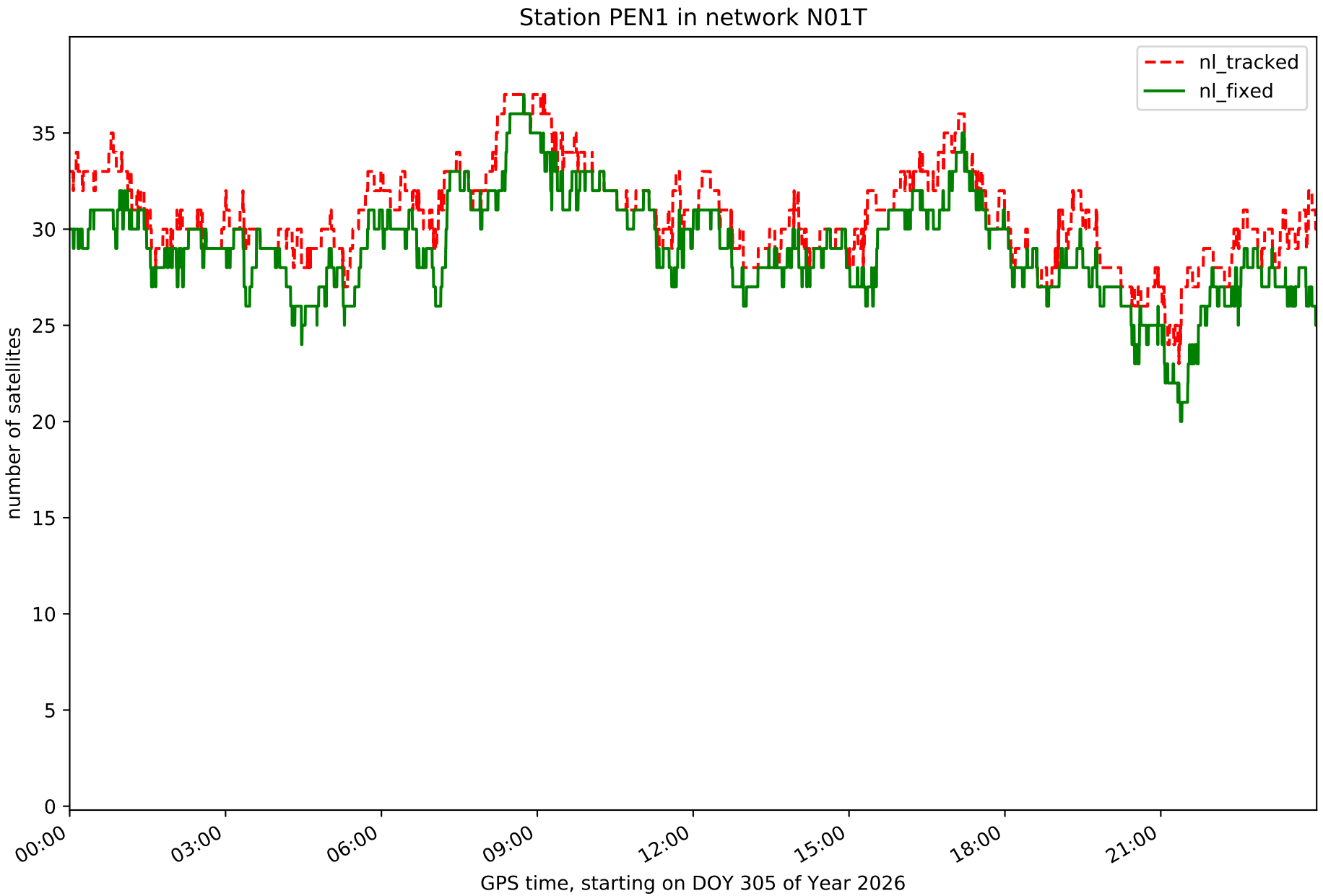

Station LAB1 in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

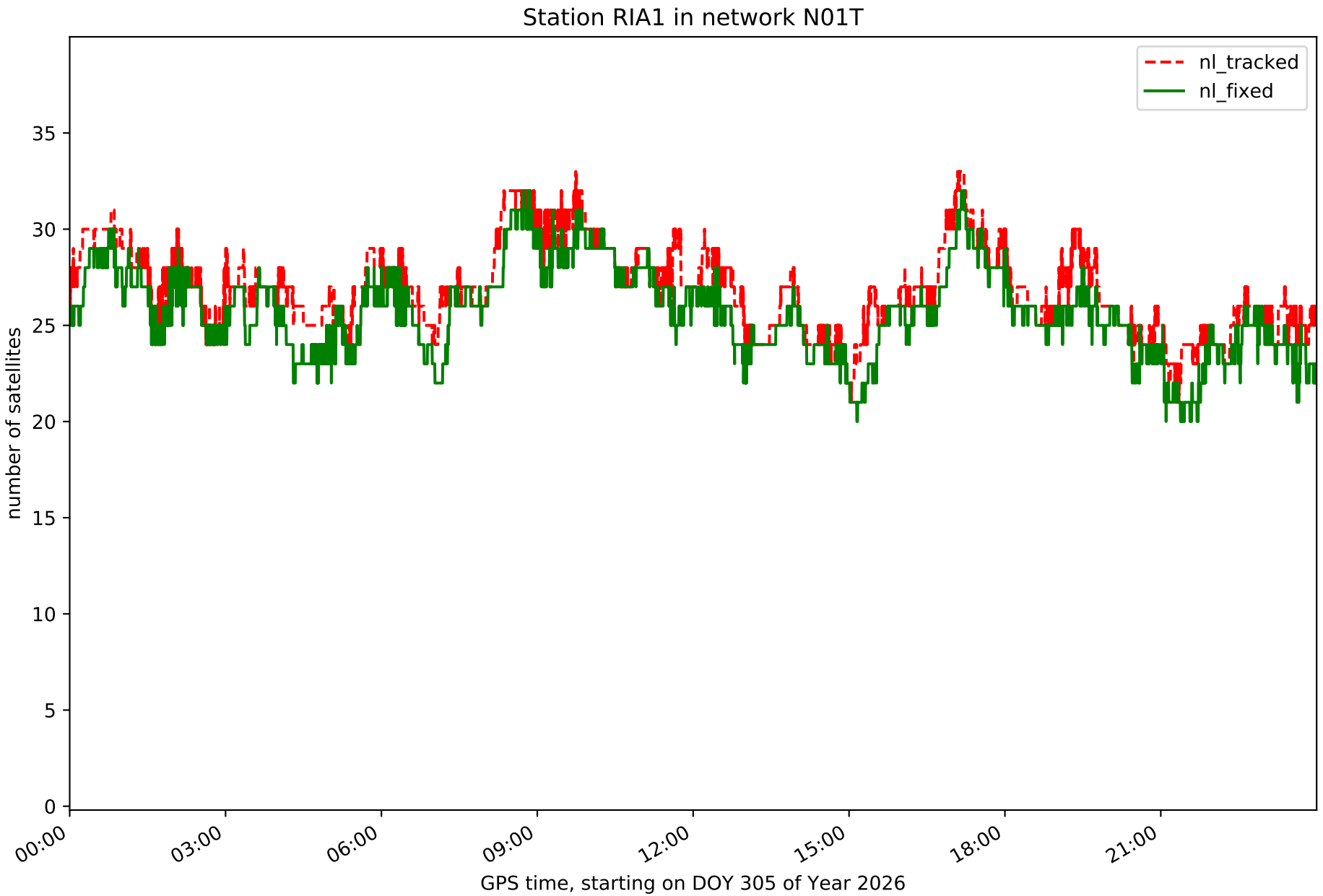

Station OLM1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

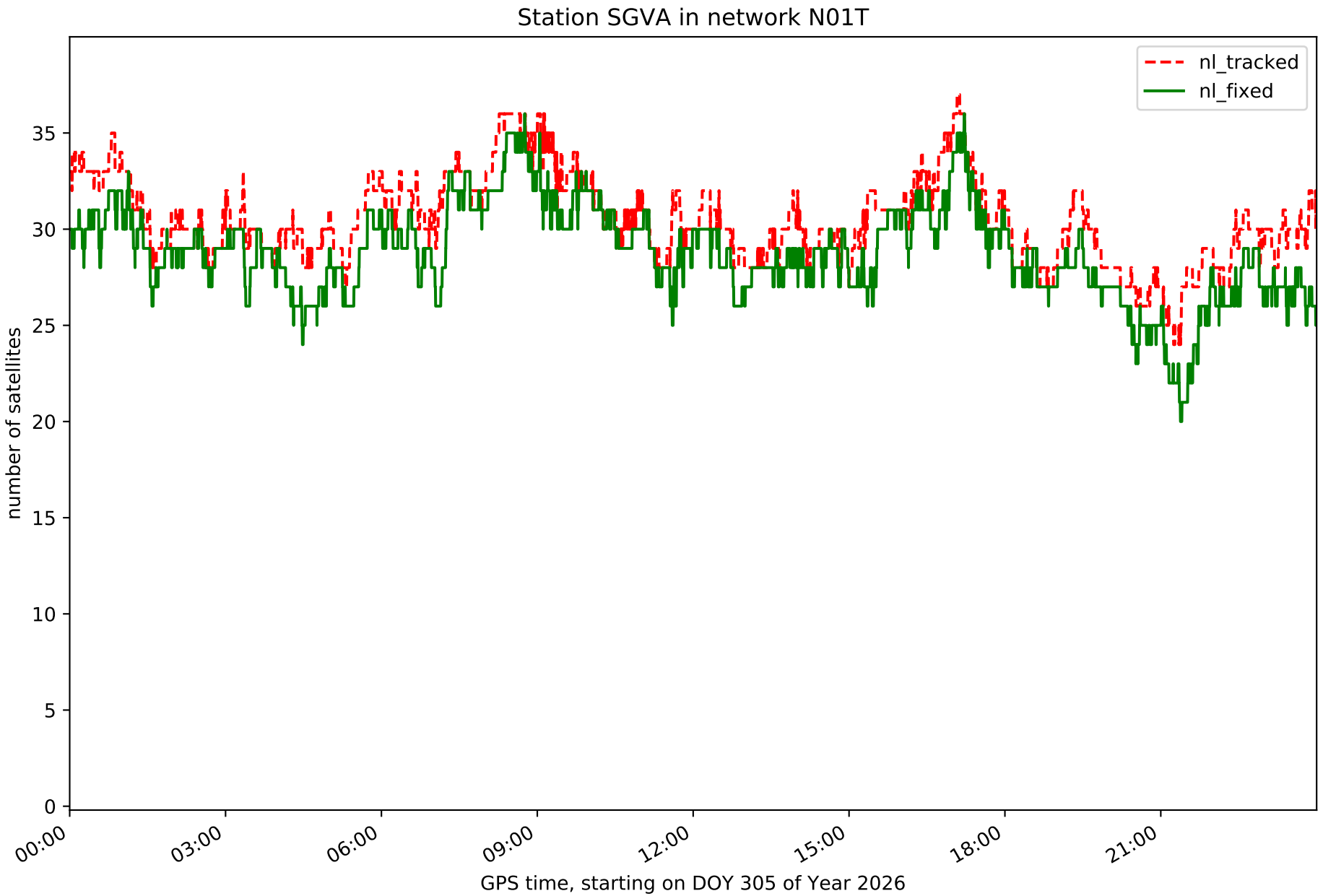

Station ORUS in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

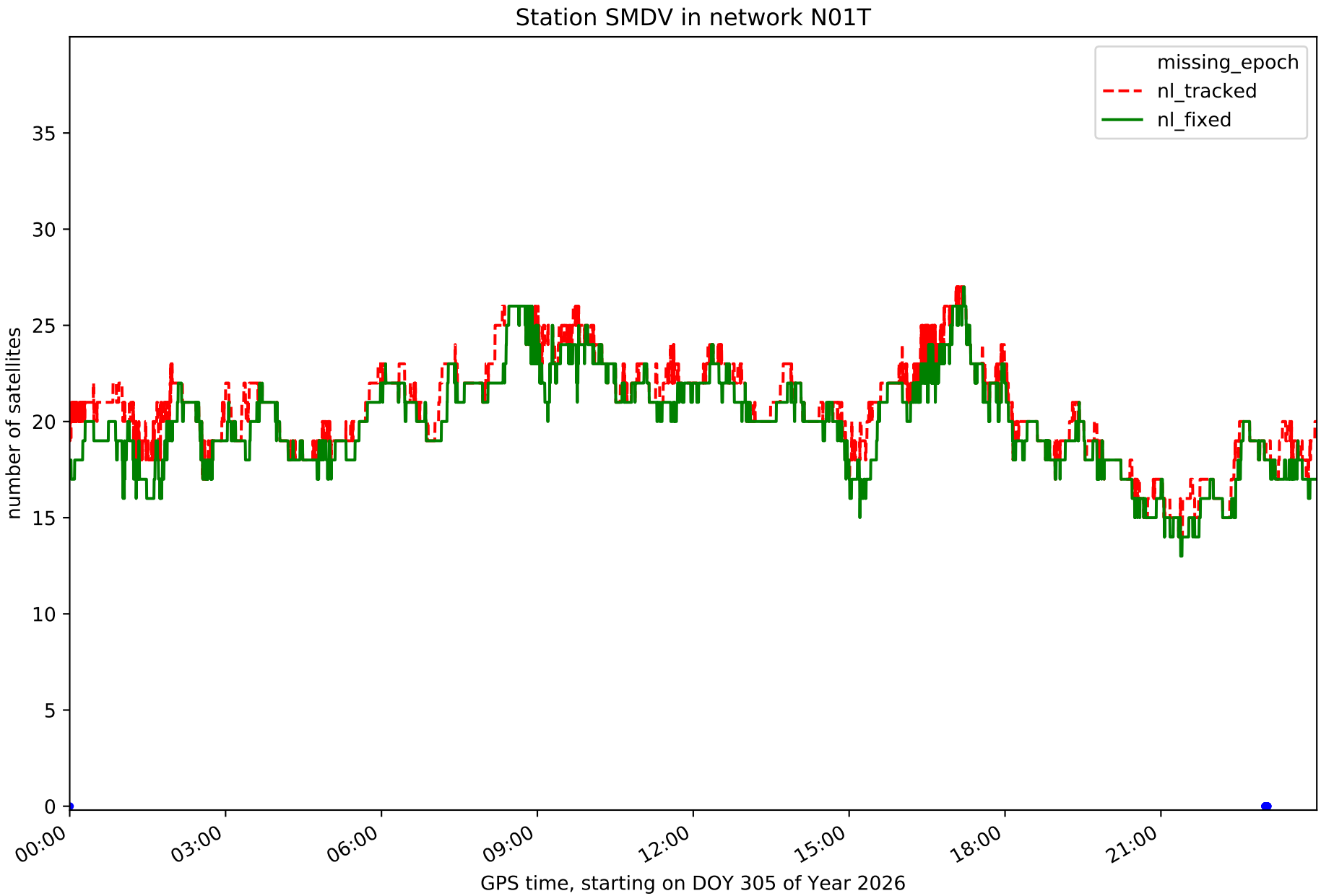

Station MAD1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

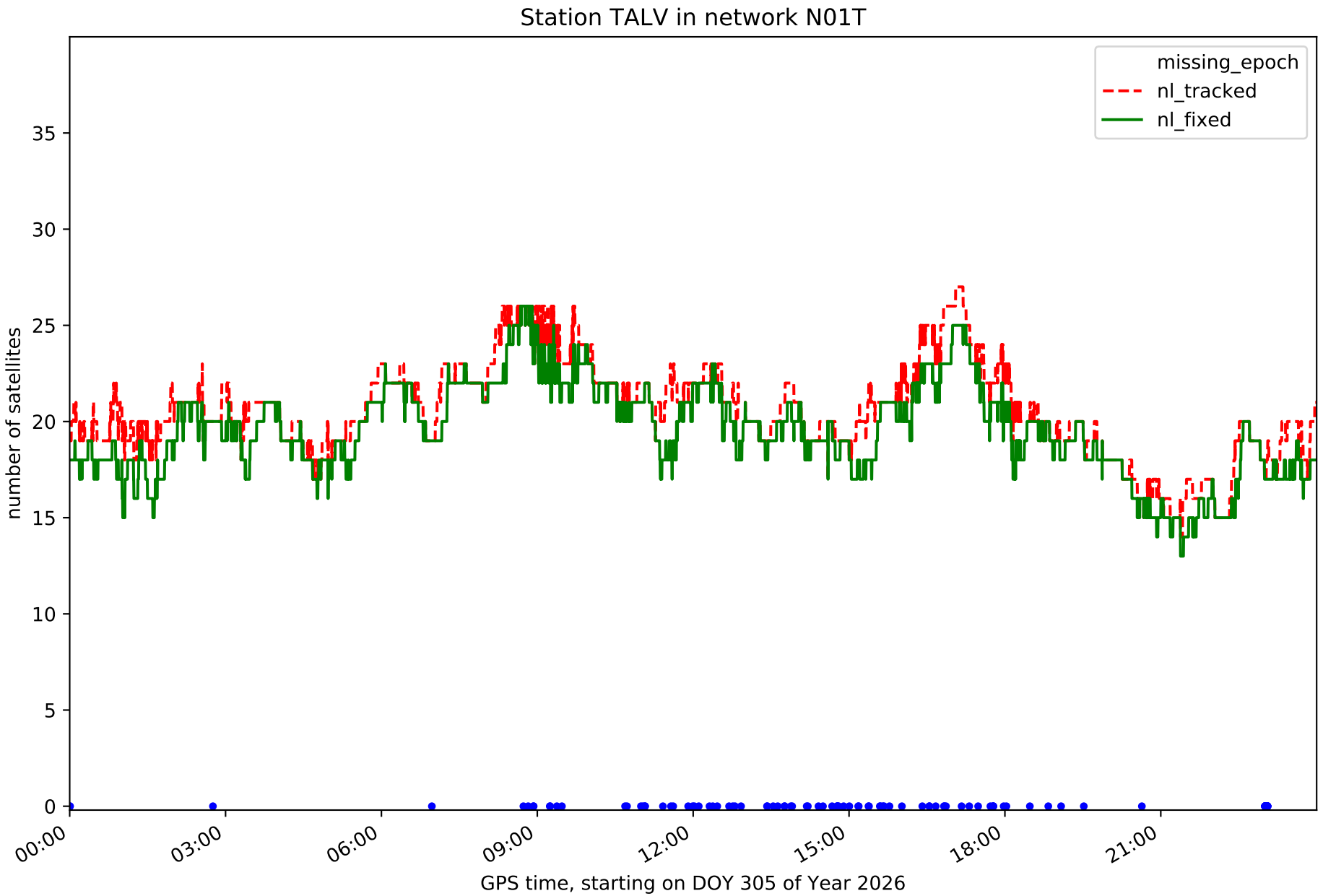

Station NVDA in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

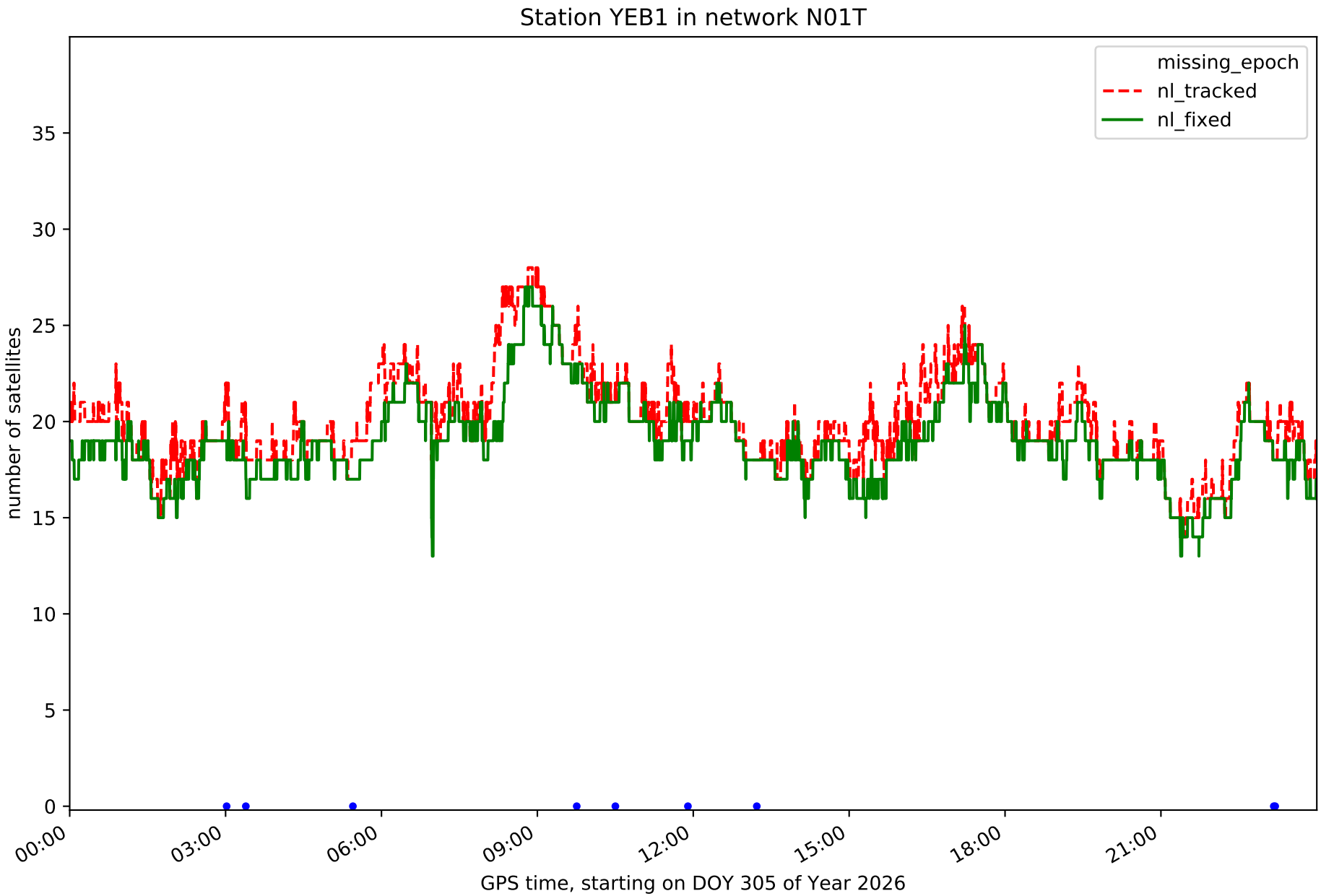

Station PEN1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

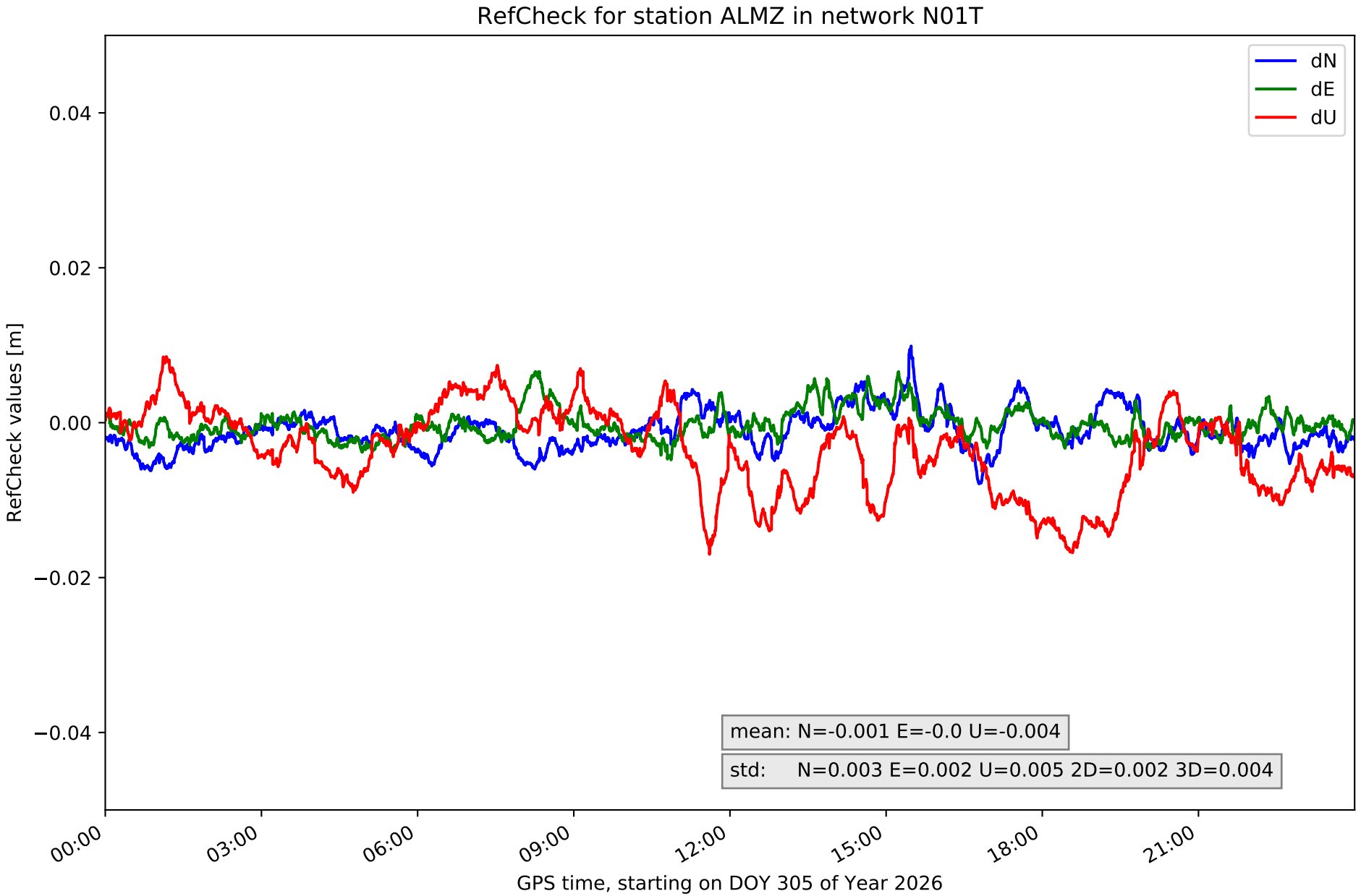

Station RIA1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

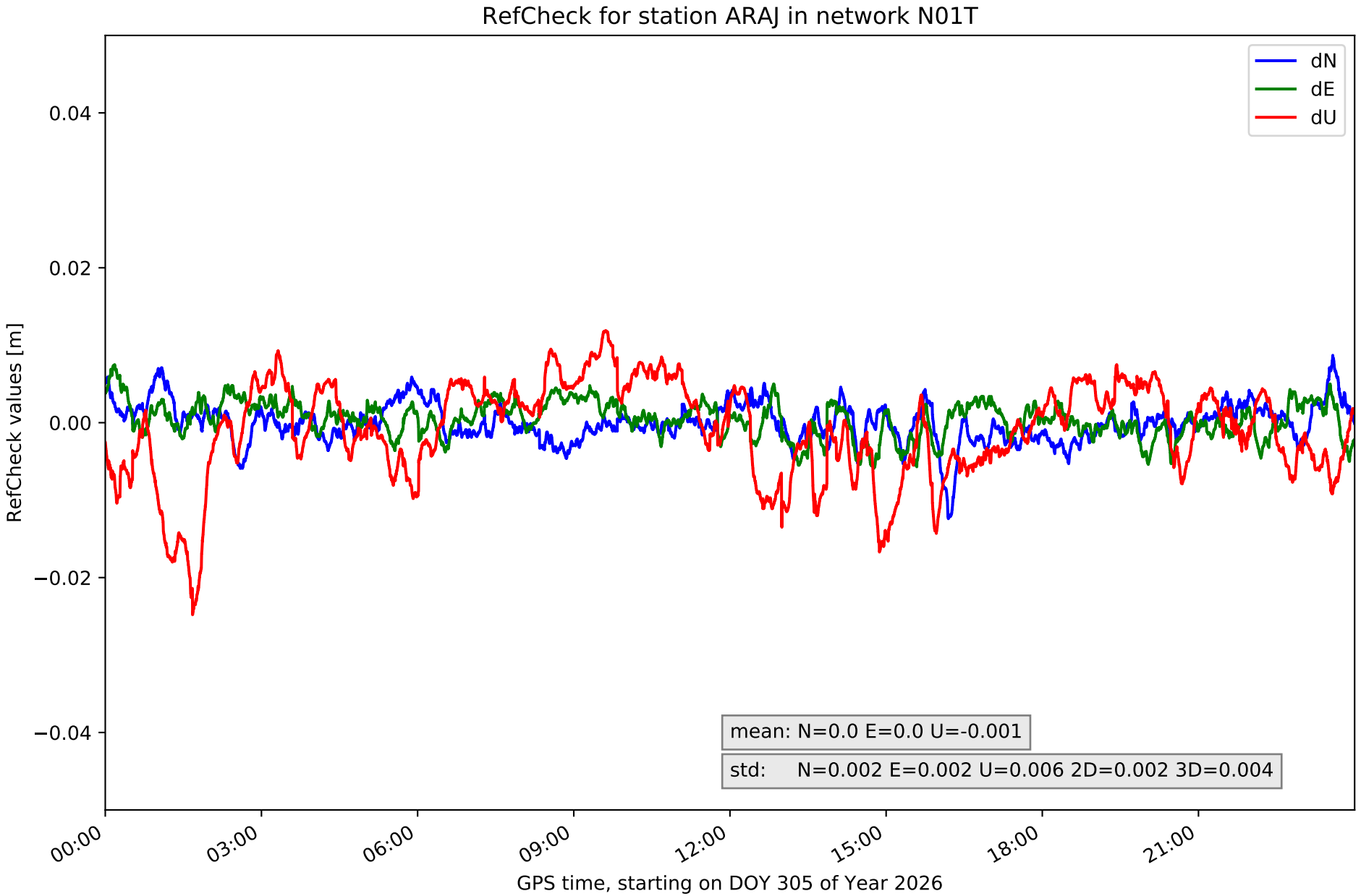

Station SGVA in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

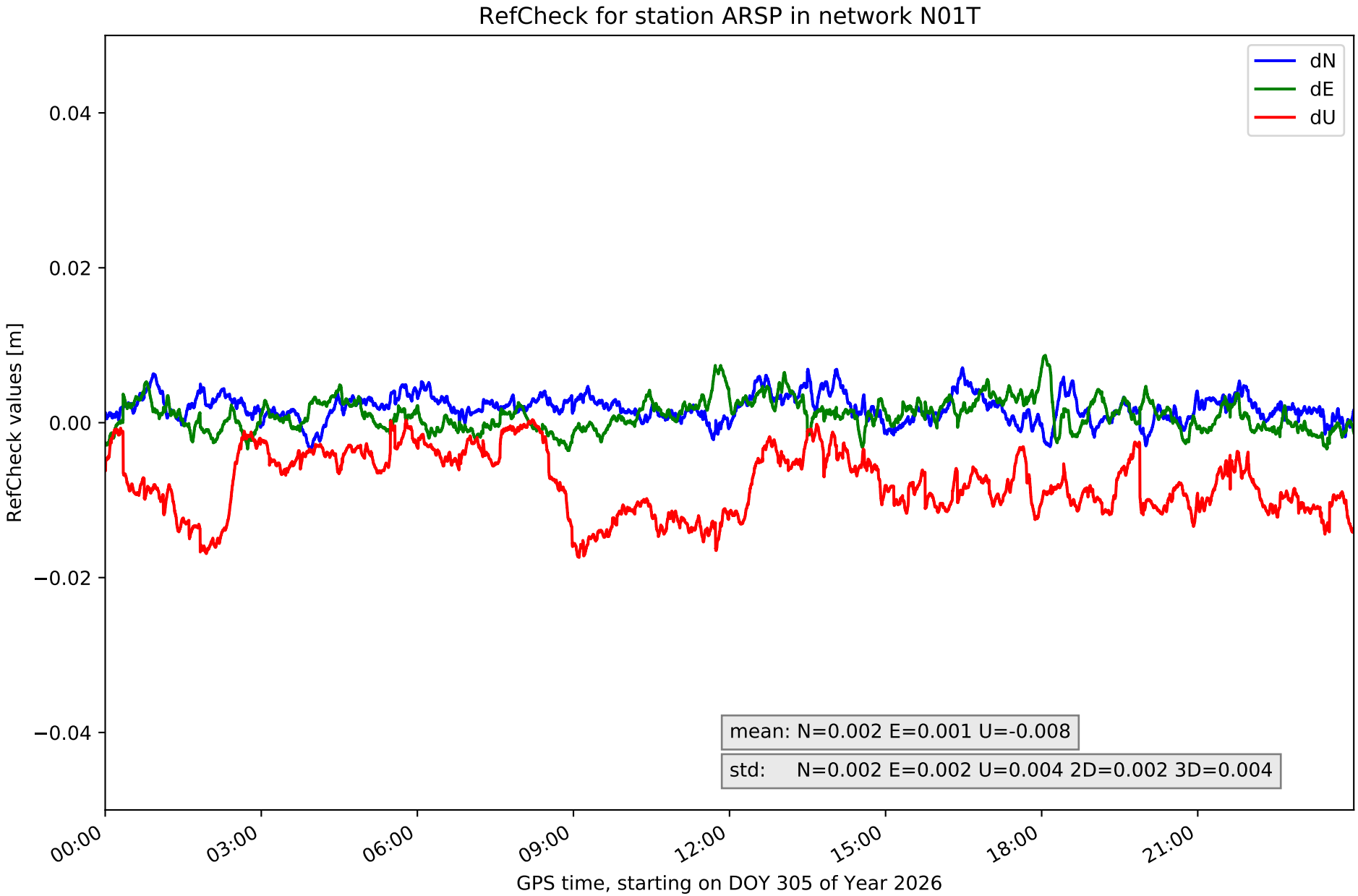

Station SMDV in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

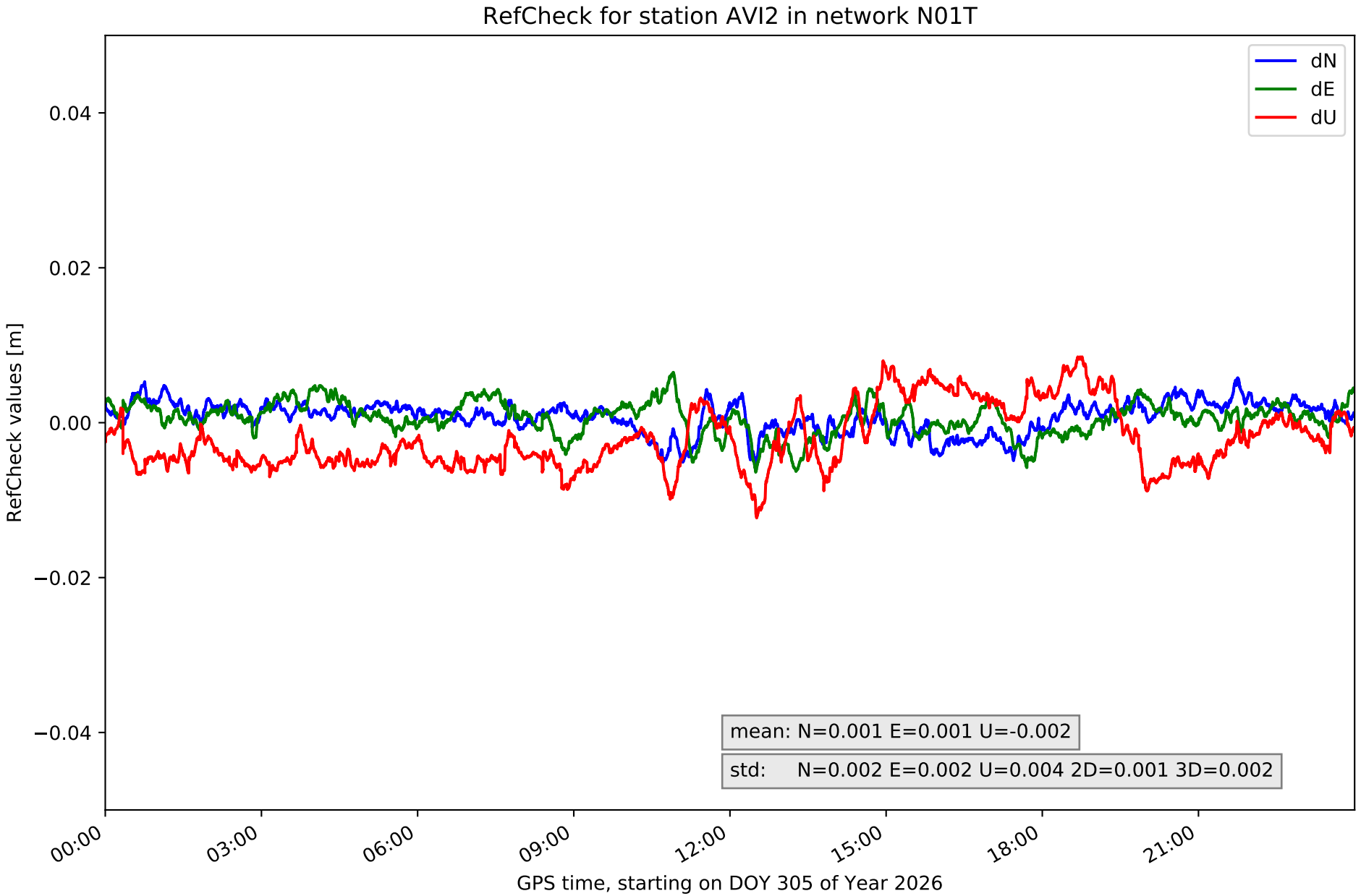

Station TALV in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

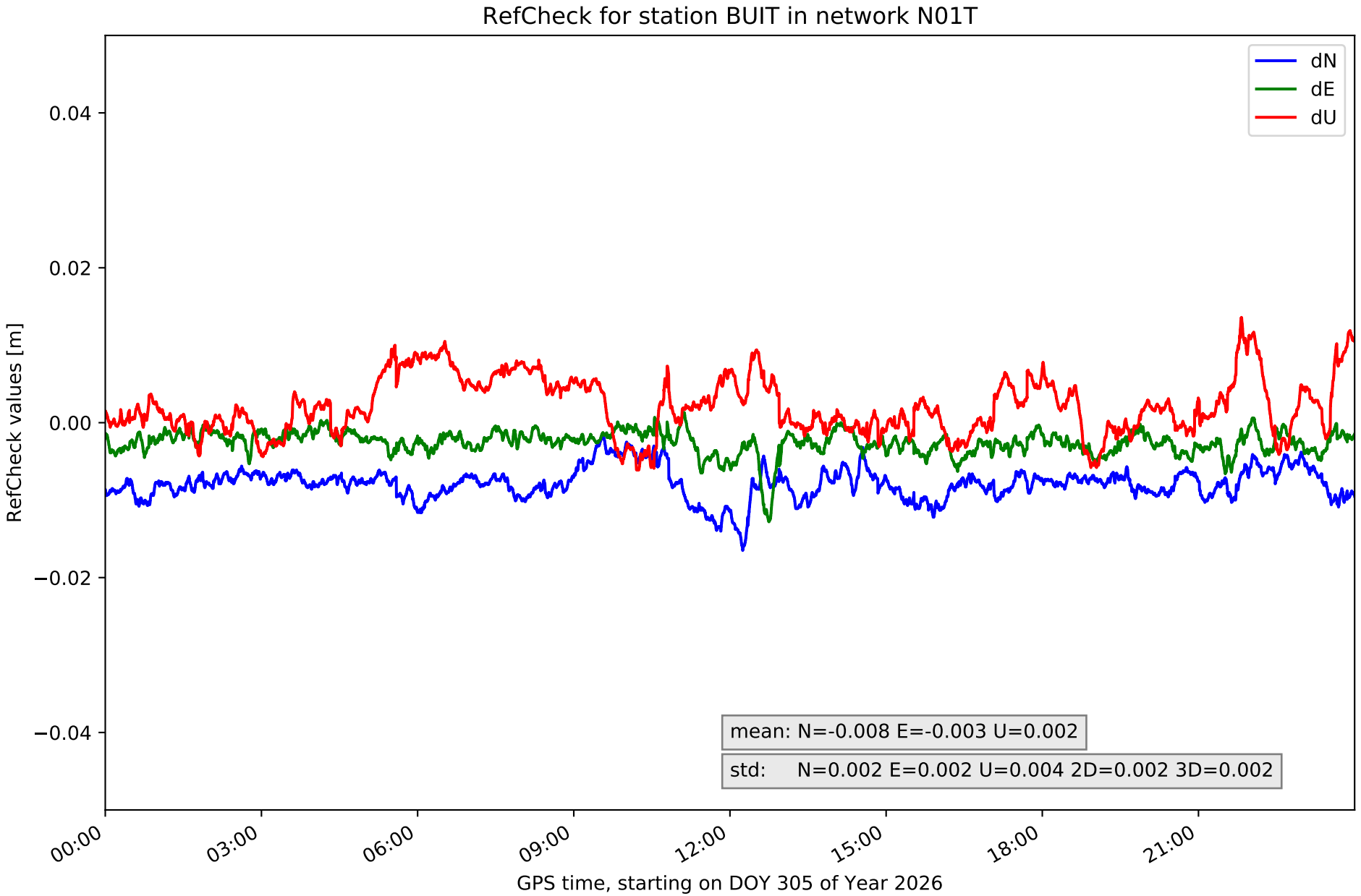

Station YEB1 in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

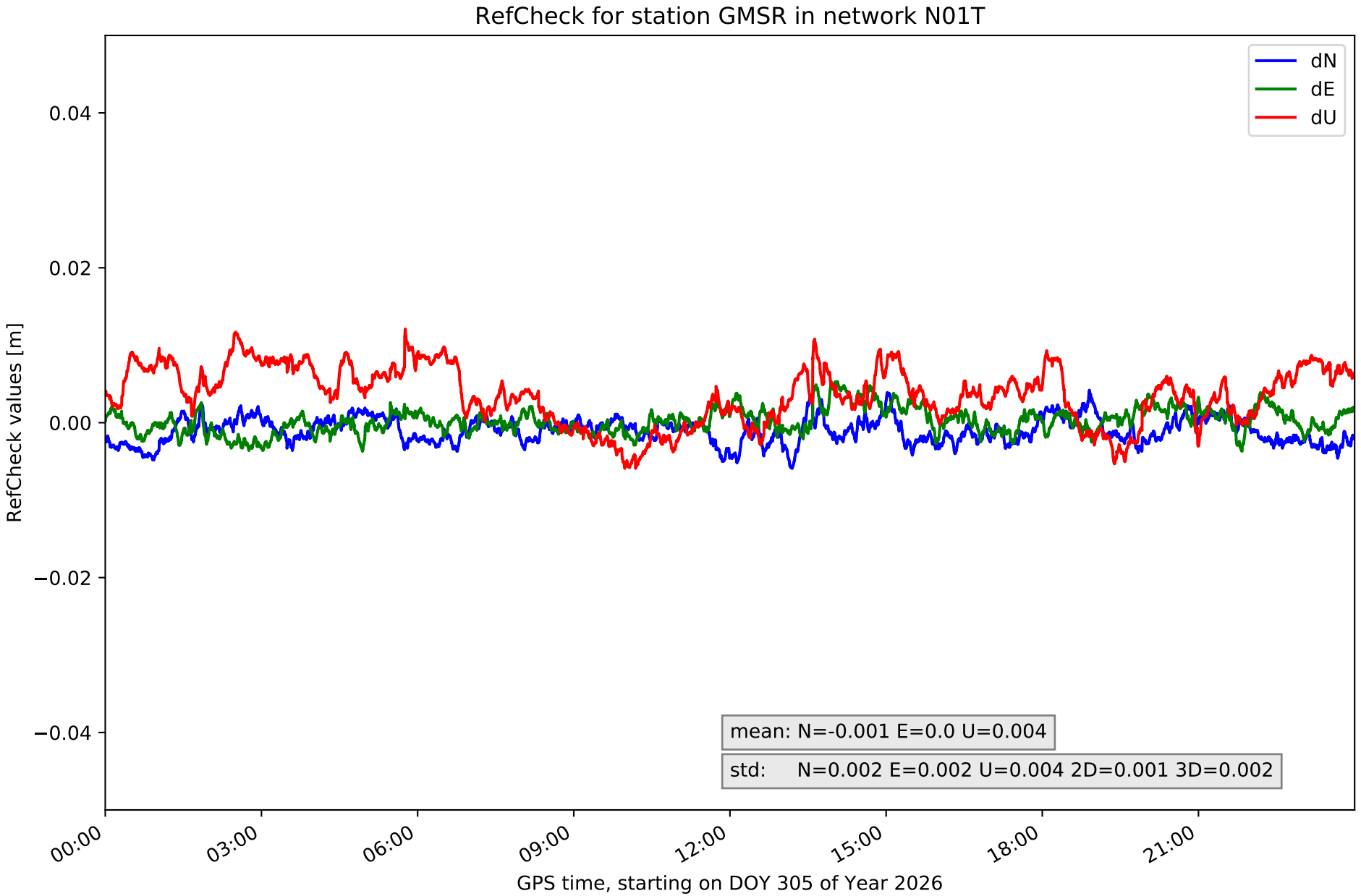

RefCheck for station ALMZ in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.0 U=-0.004
std: N=0.003 E=0.002 U=0.005 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

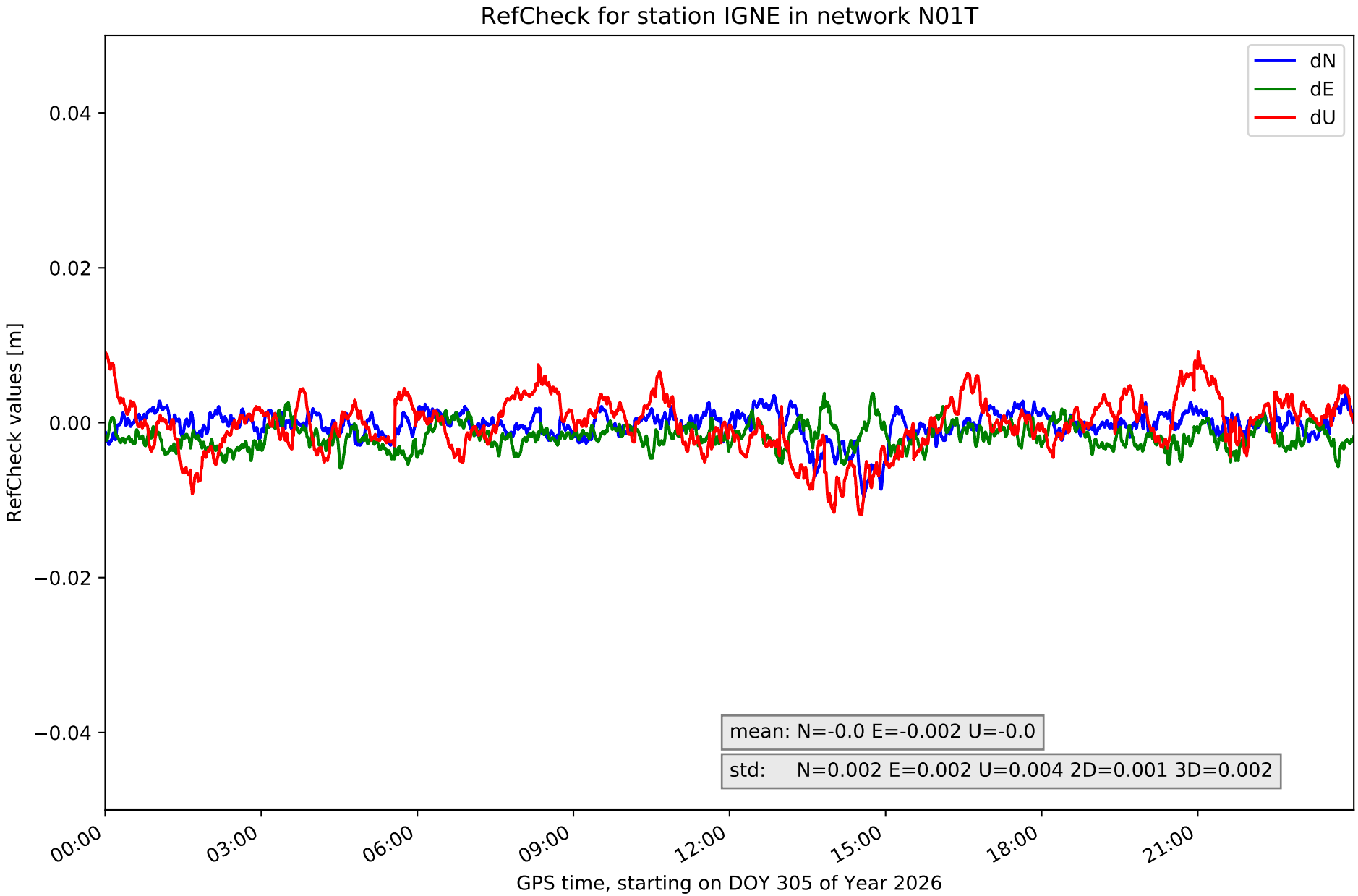

RefCheck for station ARAJ in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.0 U=-0.001
std: N=0.002 E=0.002 U=0.006 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

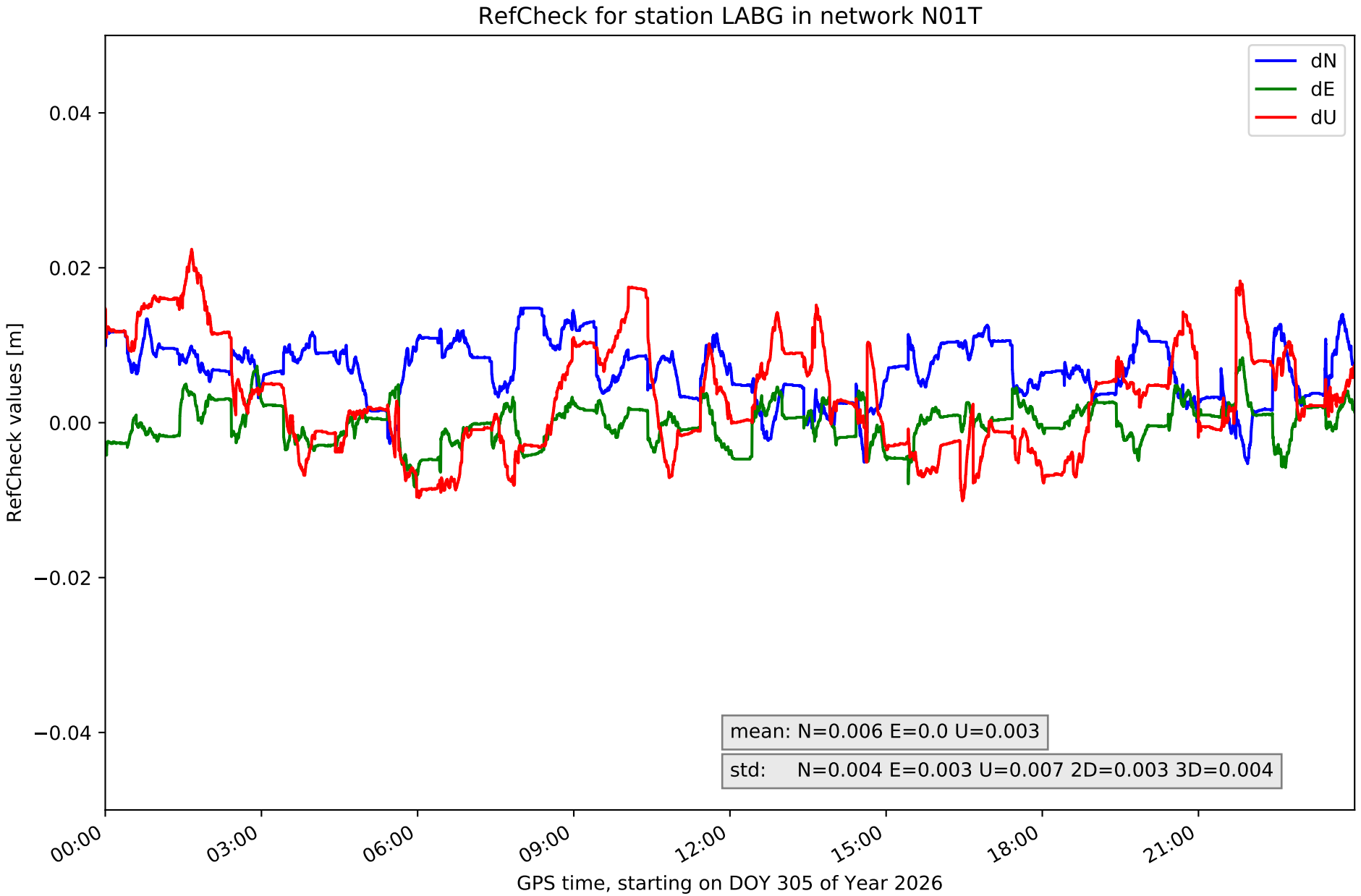

RefCheck for station ARSP in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.001 U=-0.008
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

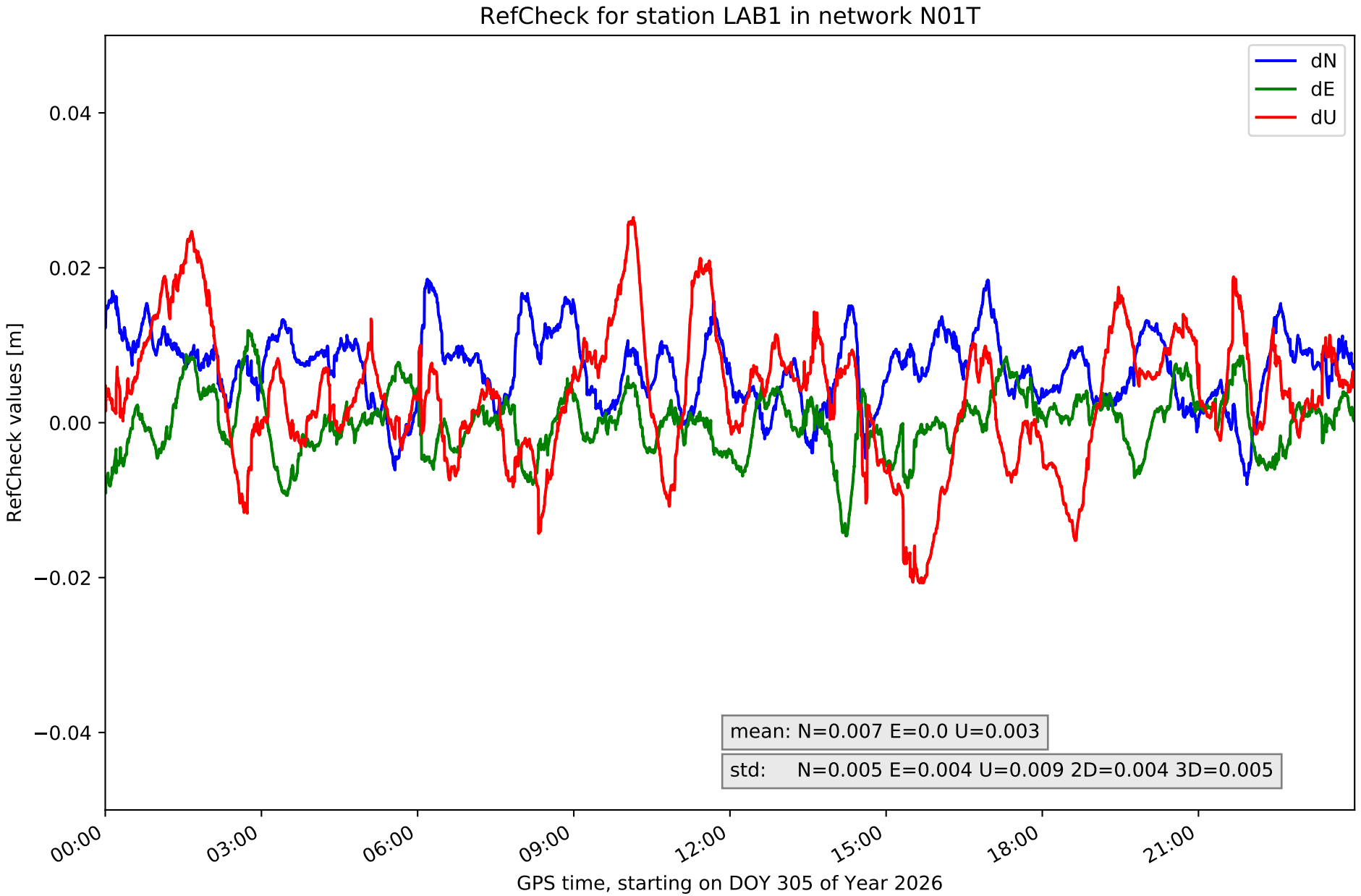

RefCheck for station AVI2 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.001 U=-0.002
std: N=0.002 E=0.002 U=0.004 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

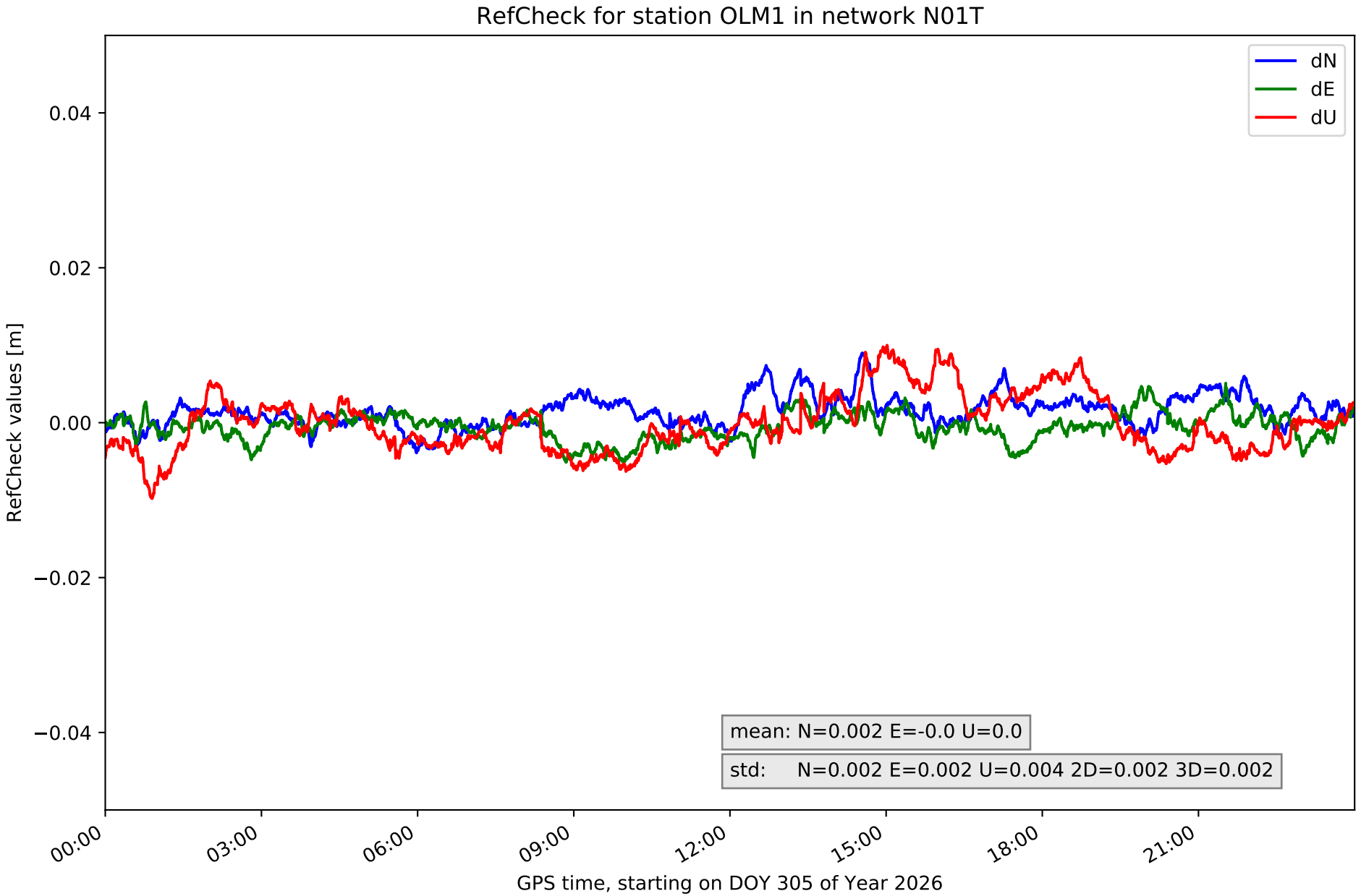

RefCheck for station BUIT in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.003 U=0.002
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

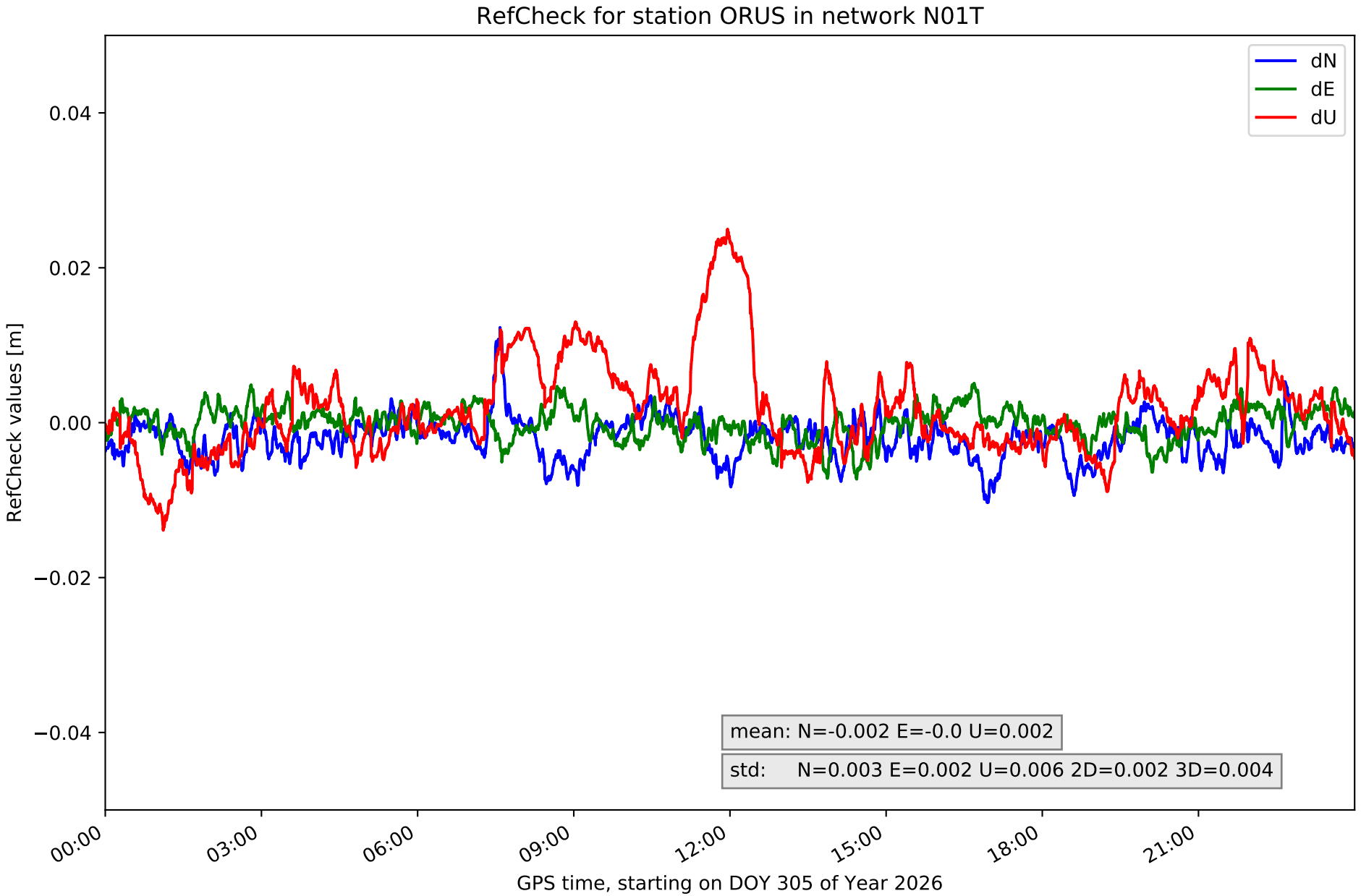

RefCheck for station GMSR in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.0 U=0.004
std: N=0.002 E=0.002 U=0.004 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

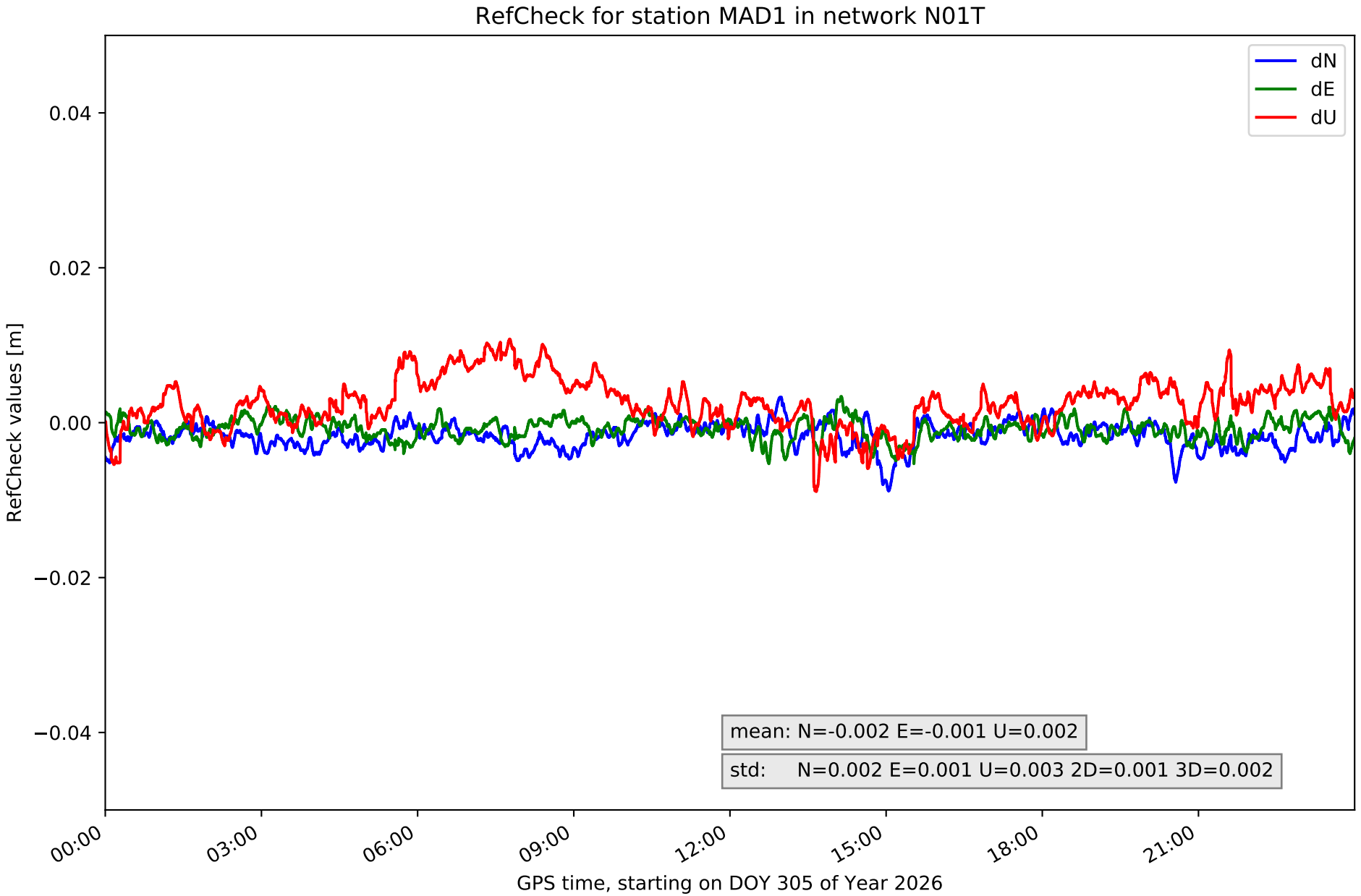

RefCheck for station IGNE in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.002 U=-0.0
std: N=0.002 E=0.002 U=0.004 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

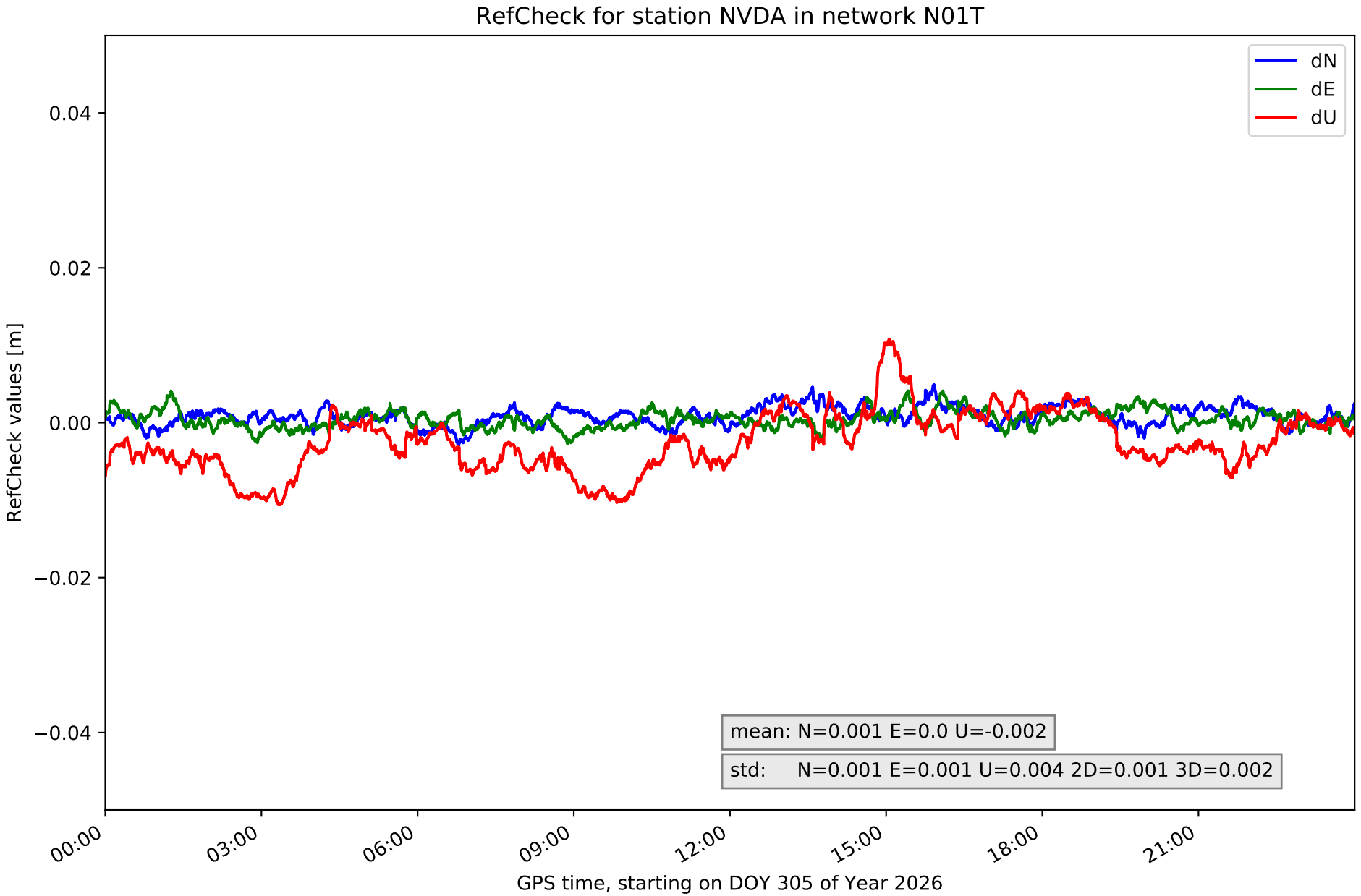

RefCheck for station LABG in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.0 U=0.003
std: N=0.004 E=0.003 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

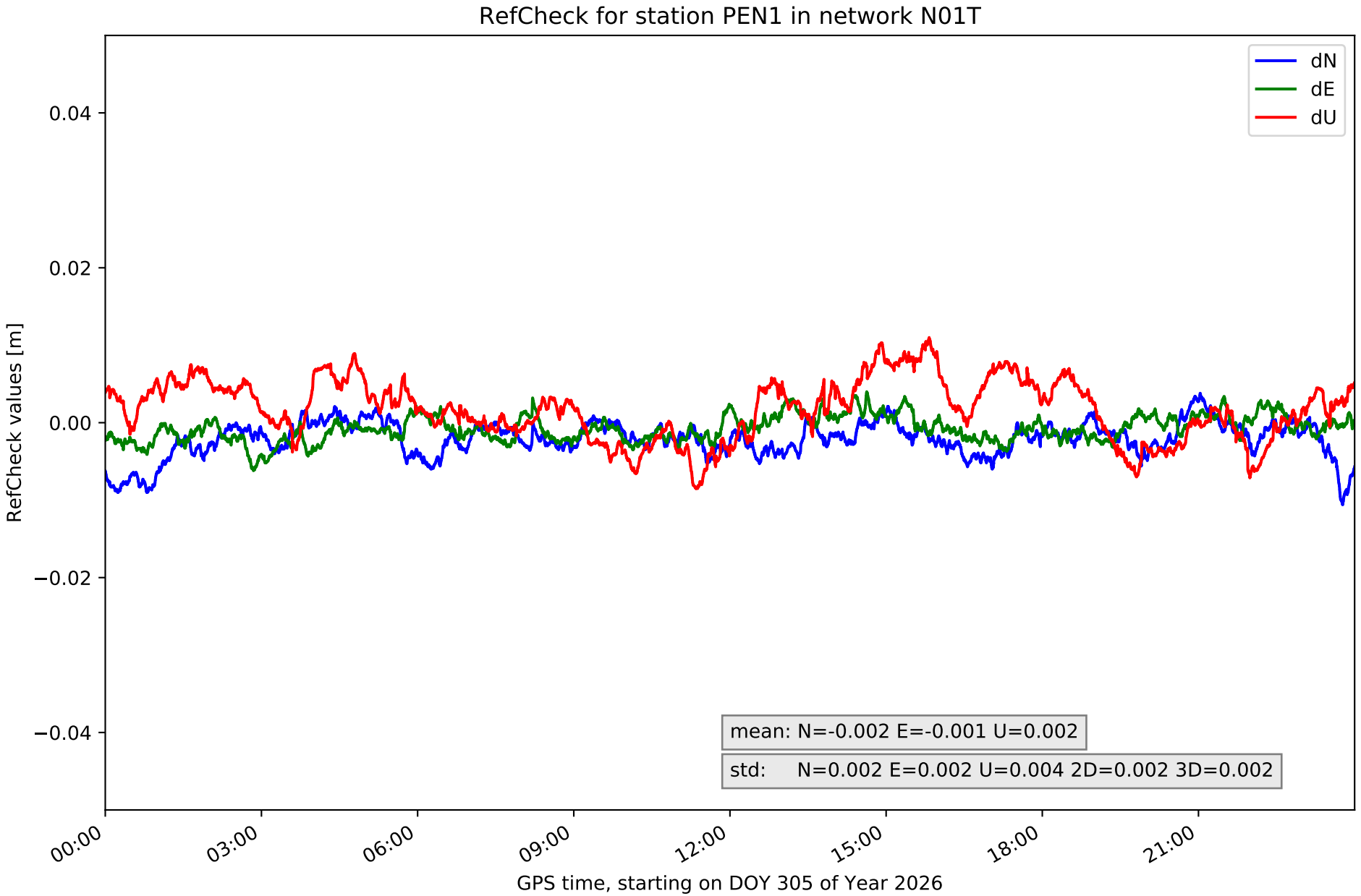

RefCheck for station LAB1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=0.0 U=0.003
std: N=0.005 E=0.004 U=0.009 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

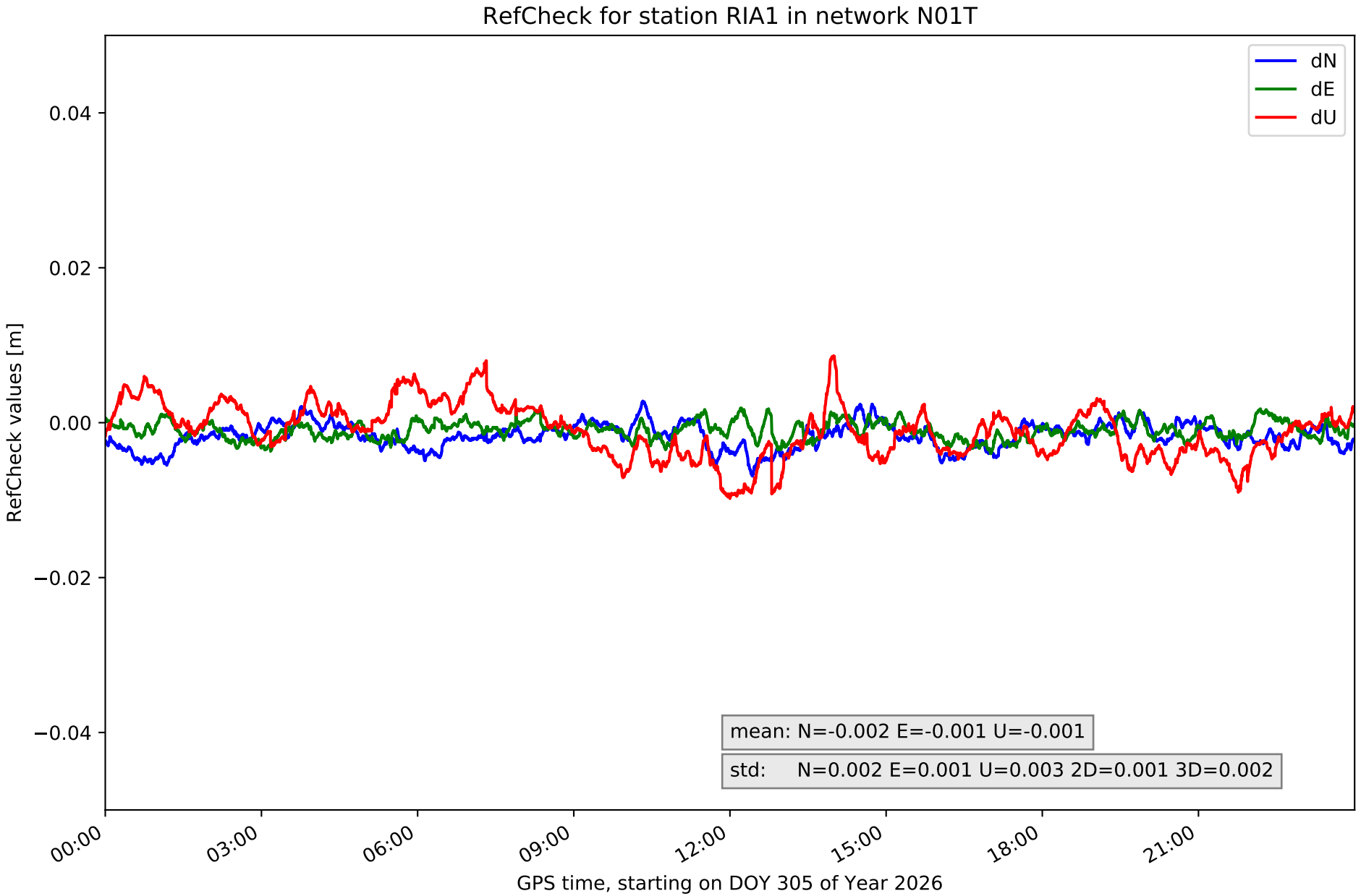

RefCheck for station OLM1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.0 U=0.0
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

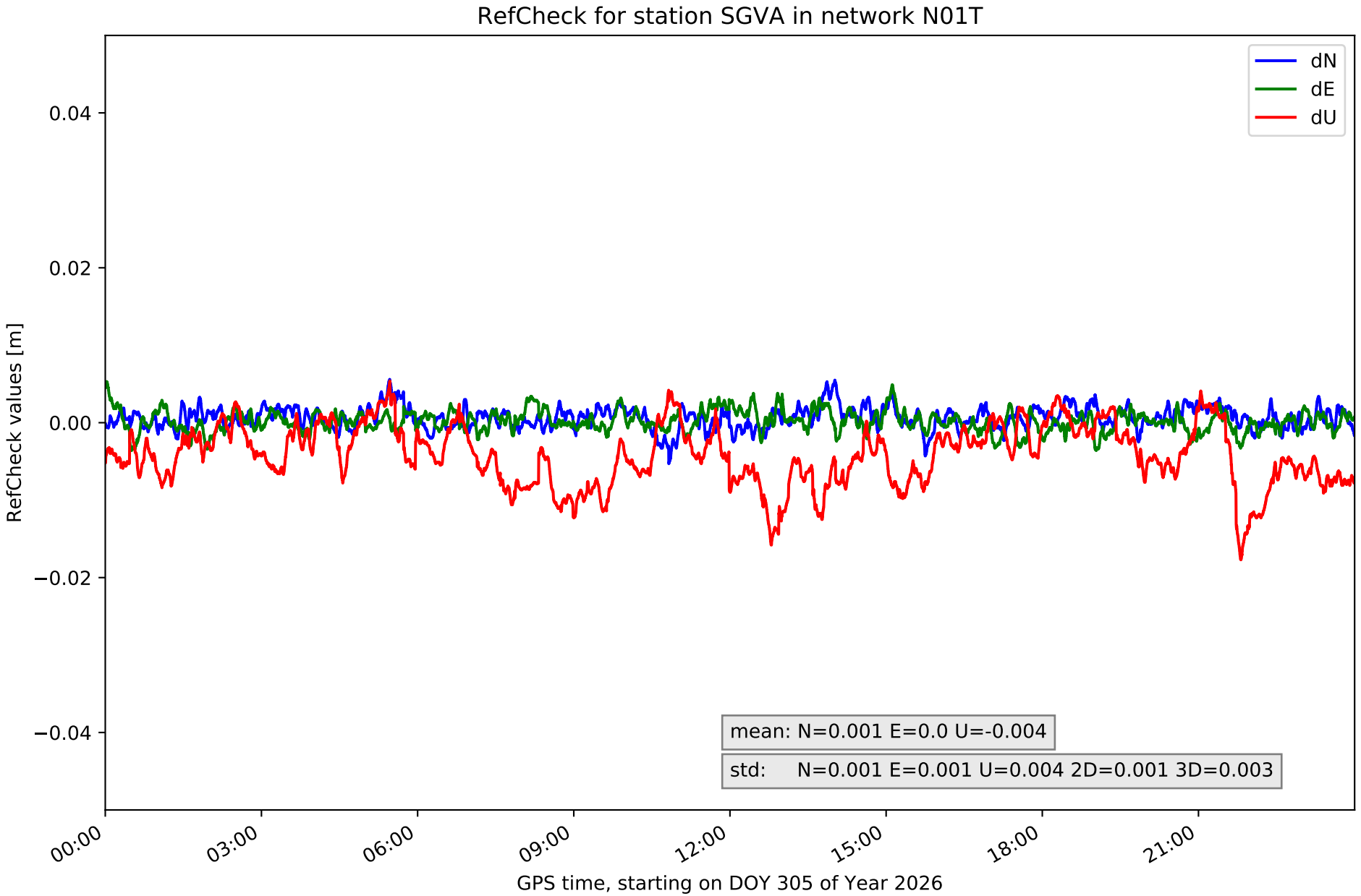

RefCheck for station ORUS in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.0 U=0.002
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

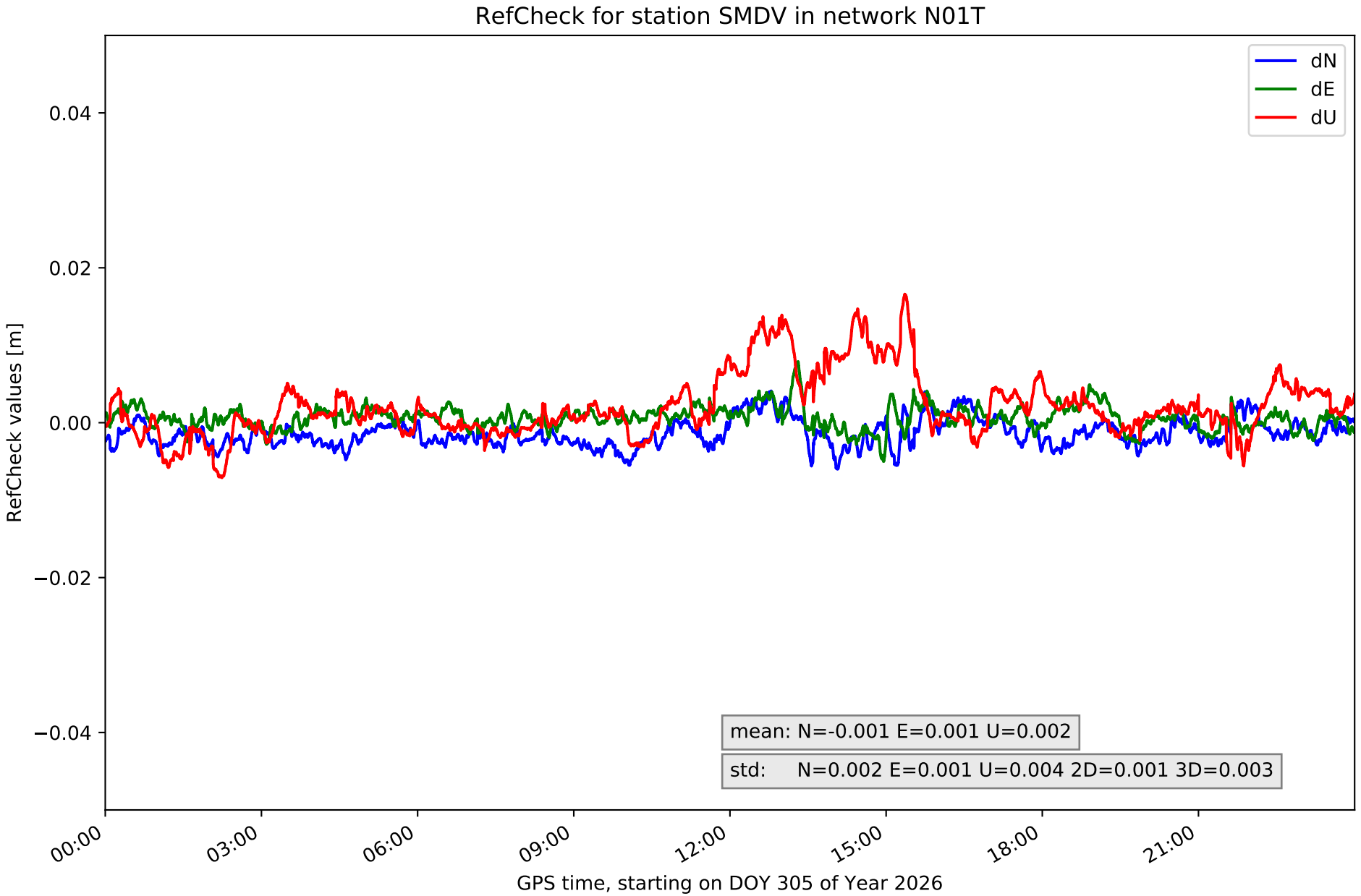

RefCheck for station MAD1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.001 U=0.002
std: N=0.002 E=0.001 U=0.003 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

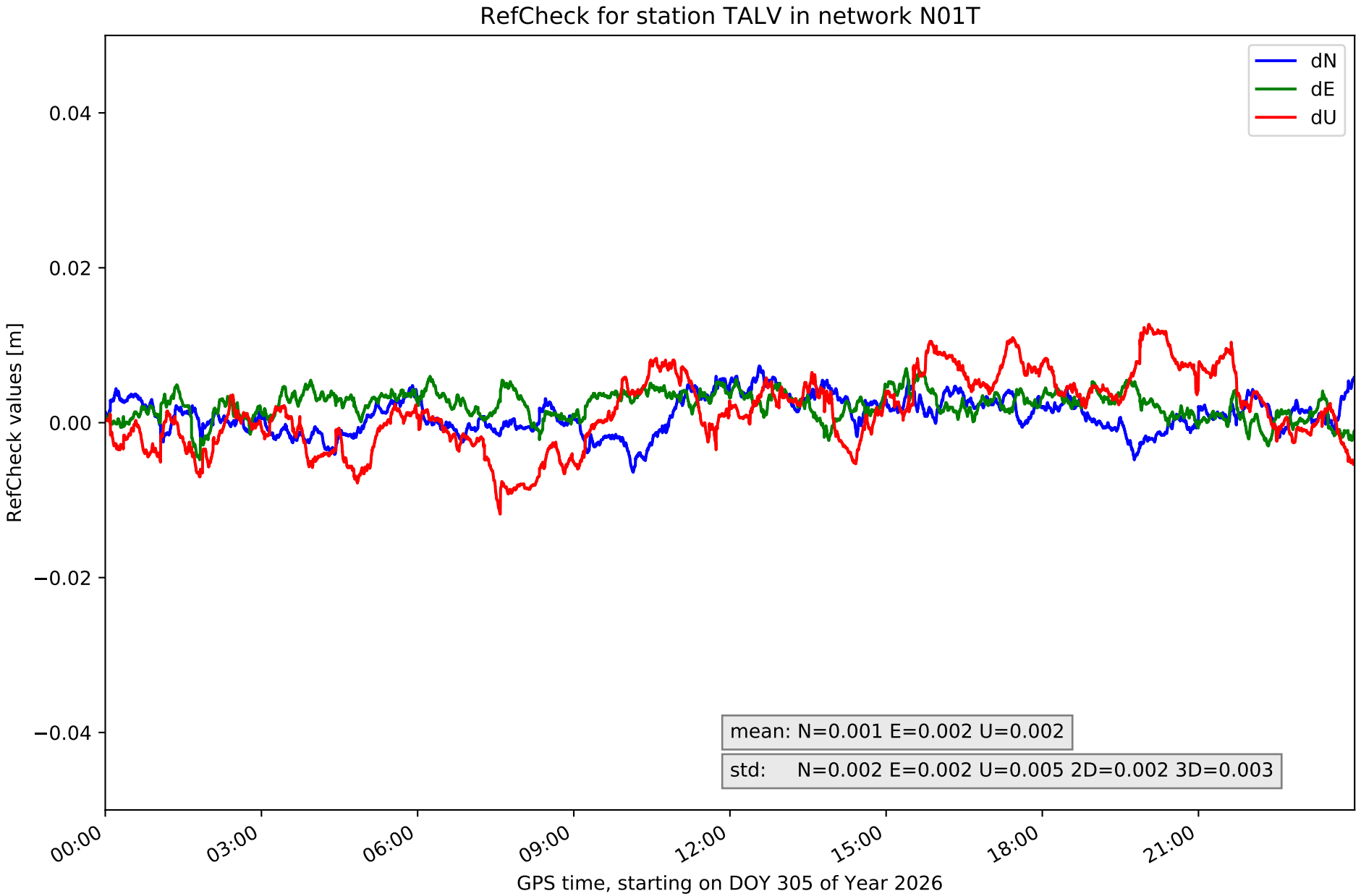

RefCheck for station NVDA in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.0 U=-0.002
std: N=0.001 E=0.001 U=0.004 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

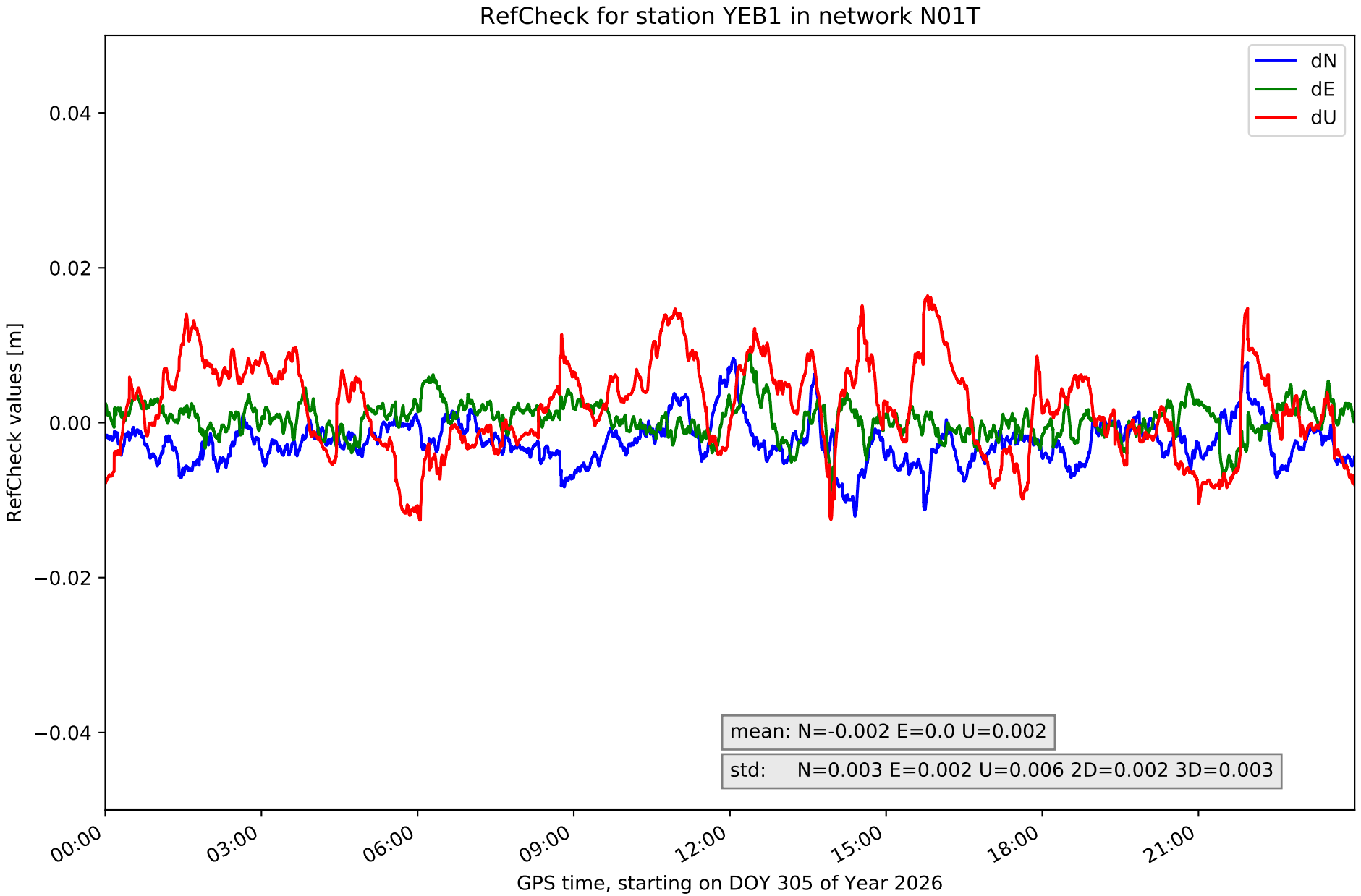

RefCheck for station PEN1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.001 U=0.002
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026


RefCheck for station RIA1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.001 U=-0.001
std: N=0.002 E=0.001 U=0.003 2D=0.001 3D=0.002
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 SGVA in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.0 U=-0.004
std: N=0.001 E=0.001 U=0.004 2D=0.001 3D=0.003
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 SMDV in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.001 U=0.002
std: N=0.002 E=0.001 U=0.004 2D=0.001 3D=0.003
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 TALV in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.002 U=0.002
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
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 YEB1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.0 U=0.002
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.003
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 N01T

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ALMZ	-0.008	0.01	0.003	-0.005	0.007	0.002	-0.017	0.009	0.005	0.002	0.004	126	0.2	0	0.0
ARAJ	-0.012	0.009	0.002	-0.006	0.007	0.002	**-0.025**	0.012	0.006	0.002	0.004	213	0.3	549	0.9
ARSP	-0.003	0.007	0.002	-0.004	0.009	0.002	-0.017	0.0	0.004	0.002	0.004	0	0.0	0	0.0
AVI2	-0.006	0.006	0.002	-0.006	0.006	0.002	-0.012	0.009	0.004	0.001	0.002	0	0.0	0	0.0
BUIT	**-0.017**	-0.002	0.002	-0.013	0.001	0.002	-0.006	0.014	0.004	0.002	0.002	11049	18.0	0	0.0
GMSR	-0.006	0.004	0.002	-0.004	0.005	0.002	-0.006	0.012	0.004	0.001	0.002	0	0.0	0	0.0
IGNE	-0.01	0.004	0.002	-0.006	0.004	0.002	-0.012	0.009	0.004	0.001	0.002	0	0.0	0	0.0
LABG	-0.005	0.015	0.004	-0.008	0.008	0.003	-0.01	0.022	0.007	0.003	0.004	13728	22.3	947	1.5
LAB1	-0.008	**0.018**	**0.005**	**-0.015**	**0.012**	**0.004**	-0.021	**0.026**	**0.009**	**0.004**	**0.005**	**18569**	**30.2**	**5052**	**8.2**
OLM1	-0.004	0.009	0.002	-0.005	0.005	0.002	-0.01	0.01	0.004	0.002	0.002	0	0.0	0	0.0
ORUS	-0.01	0.012	0.003	-0.007	0.005	0.002	-0.014	0.025	0.006	0.002	0.004	331	0.5	1740	2.8
MAD1	-0.009	0.003	0.002	-0.005	0.003	0.001	-0.009	0.011	0.003	0.001	0.002	0	0.0	0	0.0
NVDA	-0.003	0.005	0.001	-0.003	0.004	0.001	-0.011	0.011	0.004	0.001	0.002	0	0.0	0	0.0
PEN1	-0.011	0.004	0.002	-0.006	0.004	0.002	-0.009	0.011	0.004	0.002	0.002	186	0.3	0	0.0
RIA1	-0.007	0.003	0.002	-0.004	0.002	0.001	-0.01	0.009	0.003	0.001	0.002	0	0.0	0	0.0
SGVA	-0.005	0.006	0.001	-0.004	0.005	0.001	-0.018	0.005	0.004	0.001	0.003	0	0.0	0	0.0
SMDV	-0.006	0.004	0.002	-0.005	0.008	0.001	-0.007	0.017	0.004	0.001	0.003	0	0.0	0	0.0
TALV	-0.006	0.007	0.002	-0.005	0.007	0.002	-0.012	0.013	0.005	0.002	0.003	0	0.0	0	0.0
YEB1	-0.012	0.008	0.003	-0.009	0.009	0.002	-0.013	0.016	0.006	0.002	0.003	690	1.1	0	0.0
Mean	**-0.008**	**0.007**	**0.002**	**-0.006**	**0.006**	**0.002**	**-0.013**	**0.013**	**0.005**	**0.002**	**0.003**	**2362.7**	**3.8**	**436.2**	**0.7**
Min/Max	**-0.017**	**0.018**	**0.005**	**-0.015**	**0.012**	**0.004**	**-0.025**	**0.026**	**0.009**	**0.004**	**0.005**	**18569**	**30.2**	**5052**	**8.2**

fixing statistic for network N01T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	95.1	95.9	95.6	96.4	92.6
considering satellites with dual-frequency fixed	93.9	94.8	94.0	95.2	90.6
considering all signals separately	94.0	95.0	94.0	95.4	89.6