summary for network NT10

timeperiod chosen: from 2026-02-19-00:00:00 until 2026-02-19-23:59:59

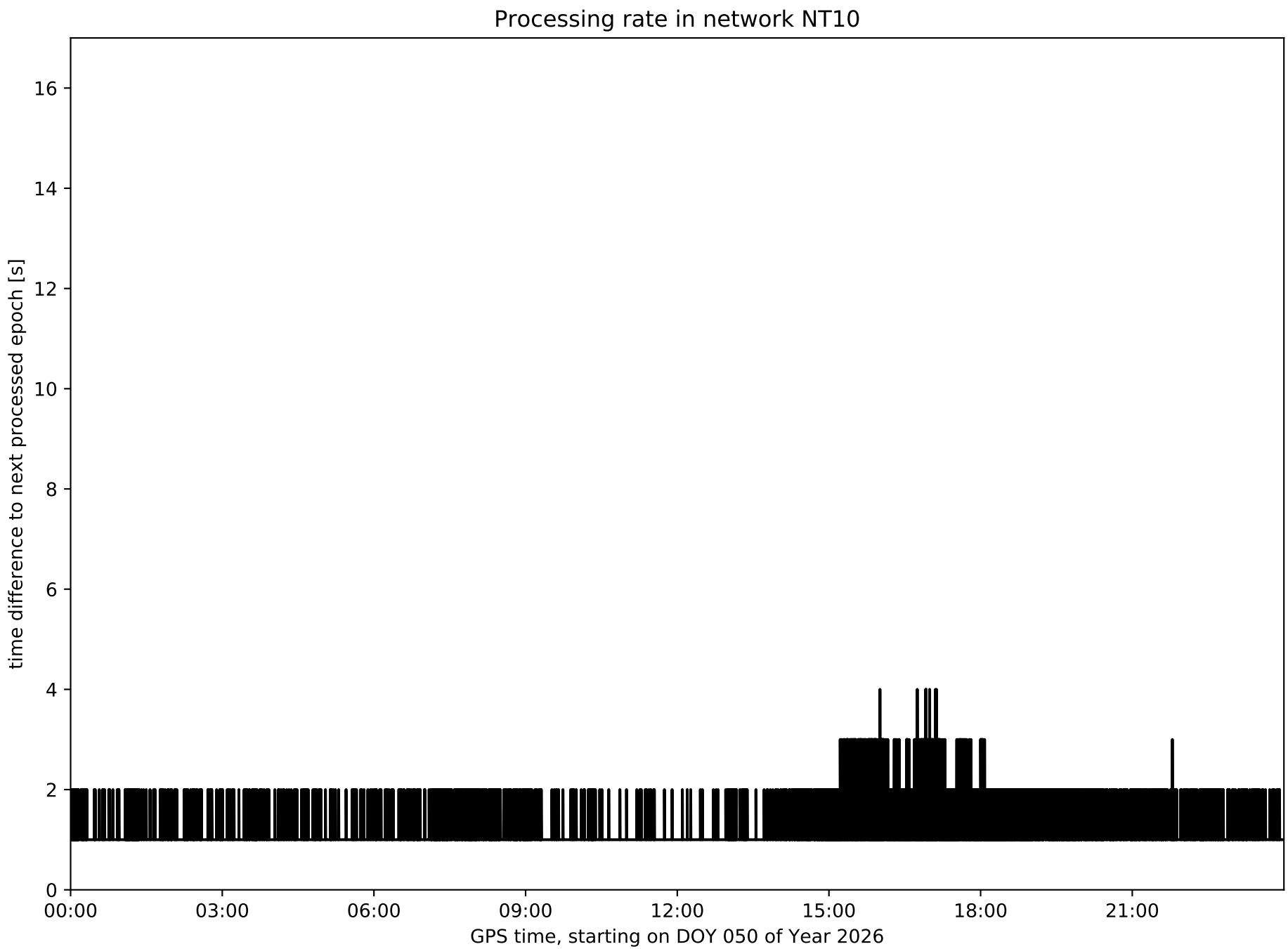
average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

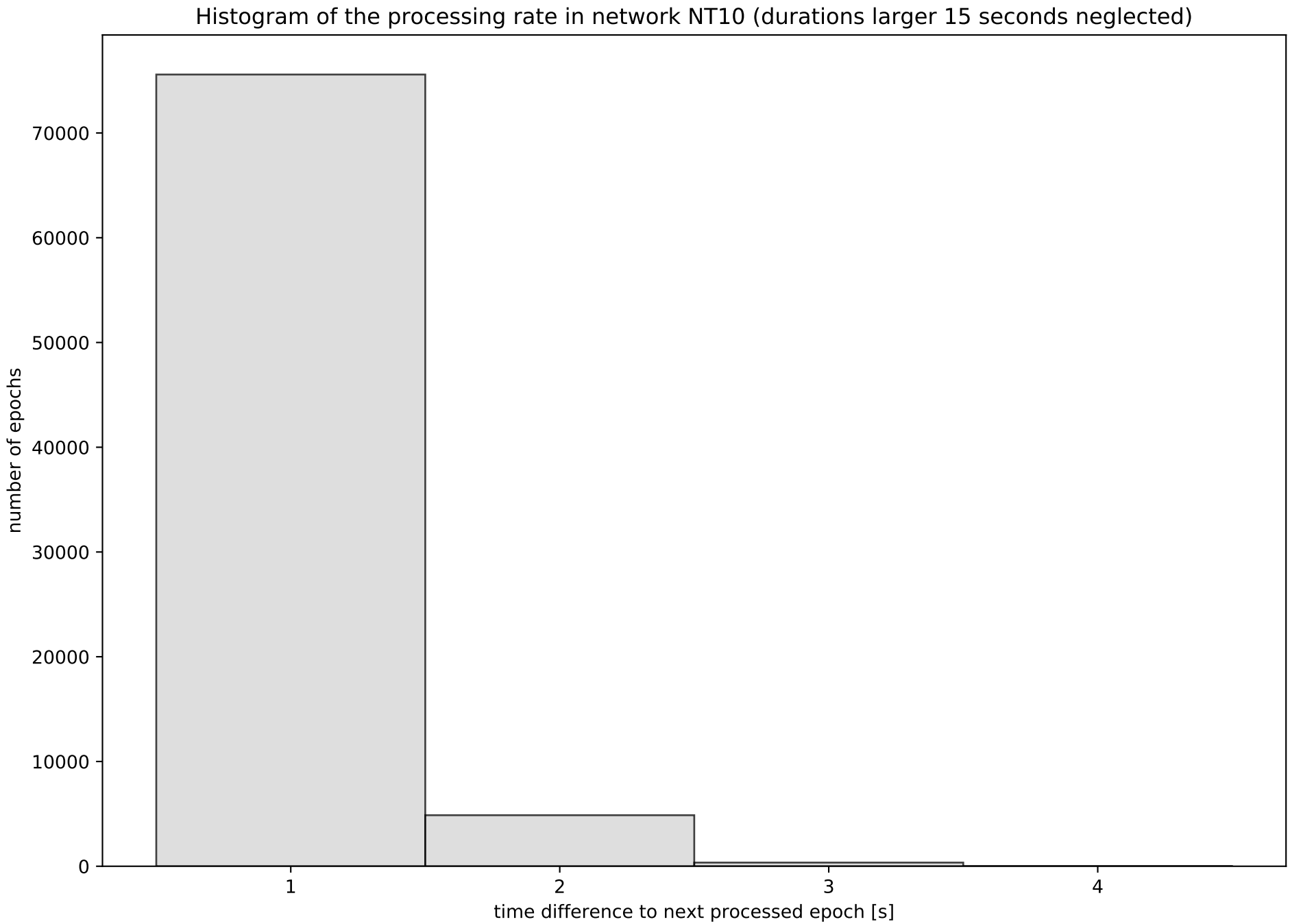
average fixing percentage with threshold set to 0.3: 91.7 percent

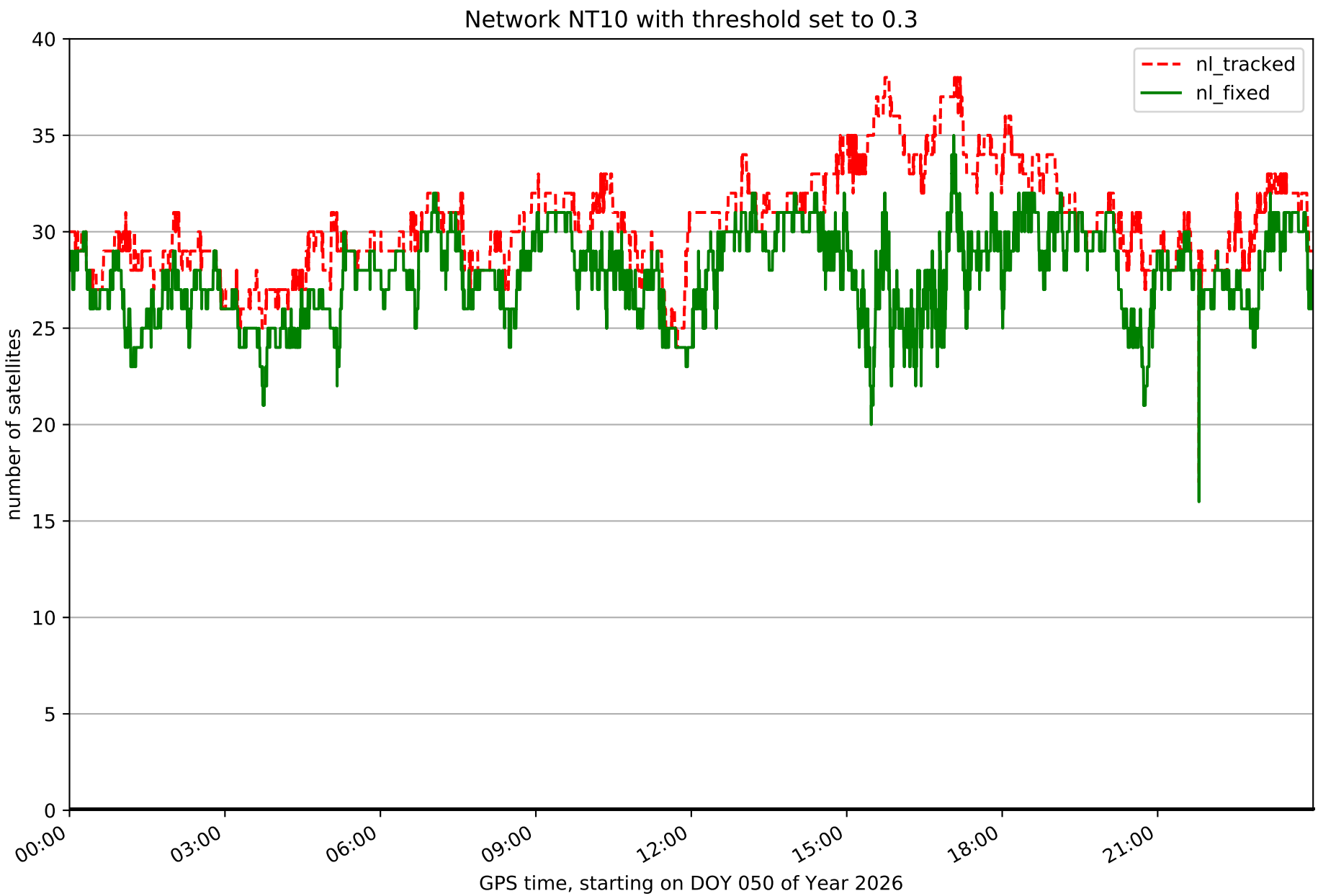
stations available: 16 of 16

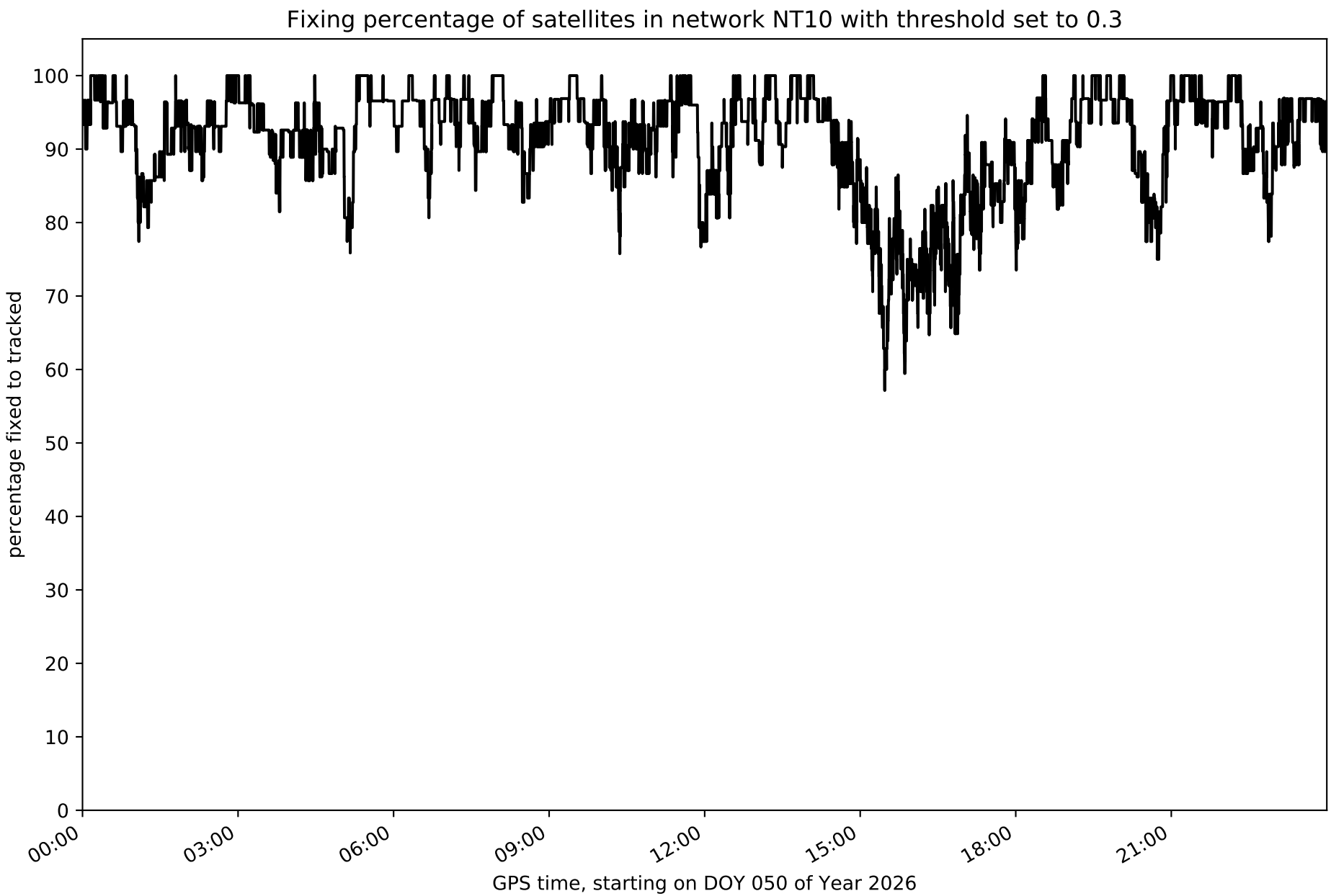
station information:

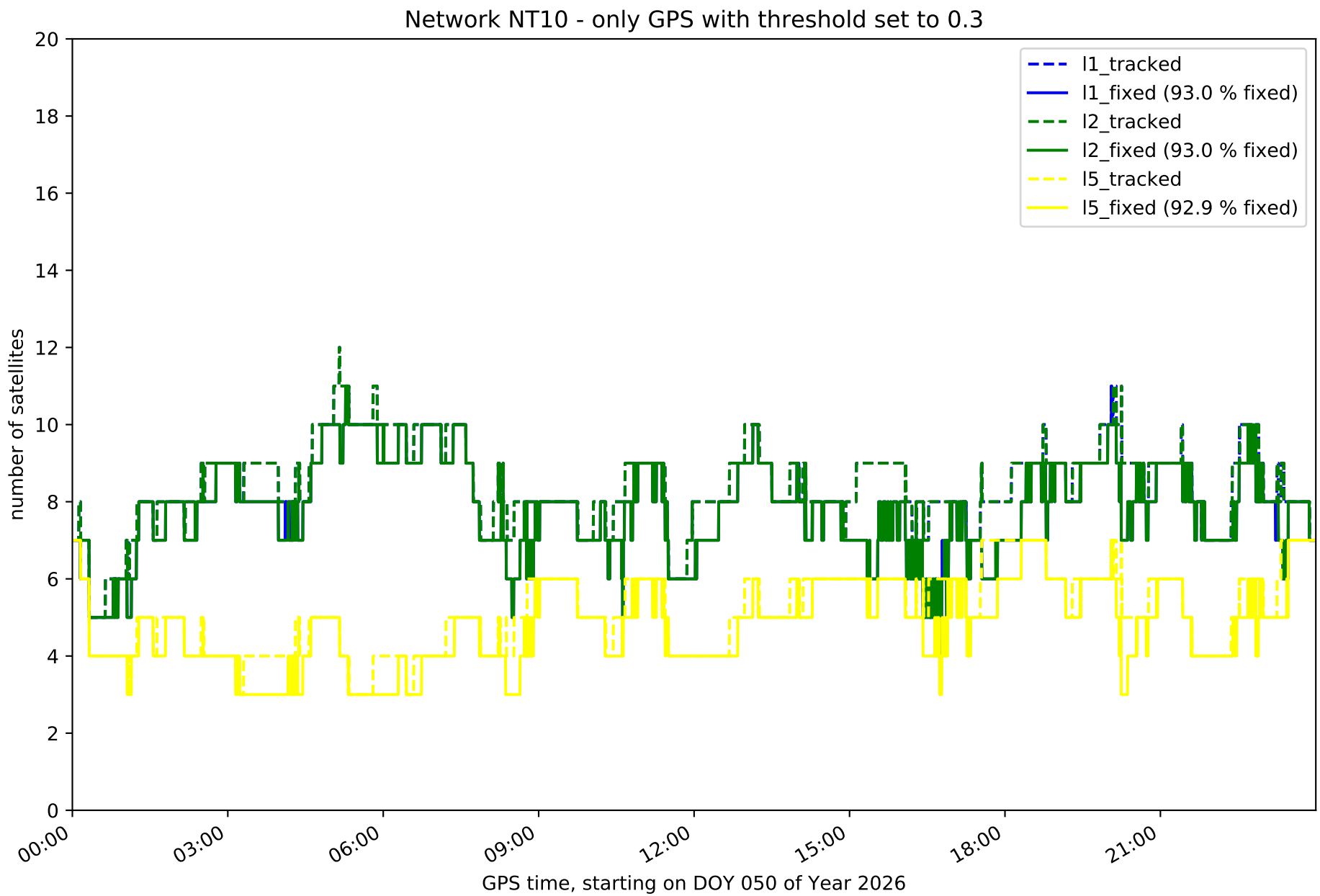
station BCL1:	antenna: LEIAR20 LEIM	receiver: LEICA GR25	height: 56.129
station BCLN:	antenna: LEIAR25.R4 LEIT	receiver: LEICA GR10	height: 84.875
station BELL:	antenna: LEIAR25.R4 NONE	receiver: LEICA GR50	height: 853.488
station BINE:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 346.97
station CREU:	antenna: LEIAR25.R4 NONE	receiver: LEICA GR50	height: 133.464
station EBRE:	antenna: LEIAR25.R4 NONE	receiver: LEICA GR50	height: 107.868
station EBRO:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 54.387
station ESCO:	antenna: LEIAR25.R4 NONE	receiver: LEICA GR50	height: 2508.504
station GIRO:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 112.767
station GRAU:	antenna: GPPNULLANTENNA NONE	receiver: TPS NET-G3	height: 509.777
station MEQU:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 138.594
station OLOT:	antenna: TRM57971.00 TZGD	receiver: LEICA GR25	height: 600.533
station PUIG:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1162.395
station TARR:	antenna: LEIAR20 LEIM	receiver: LEICA GR25	height: 491.514
station TRRG:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 55.163
station VRO2:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 541.427

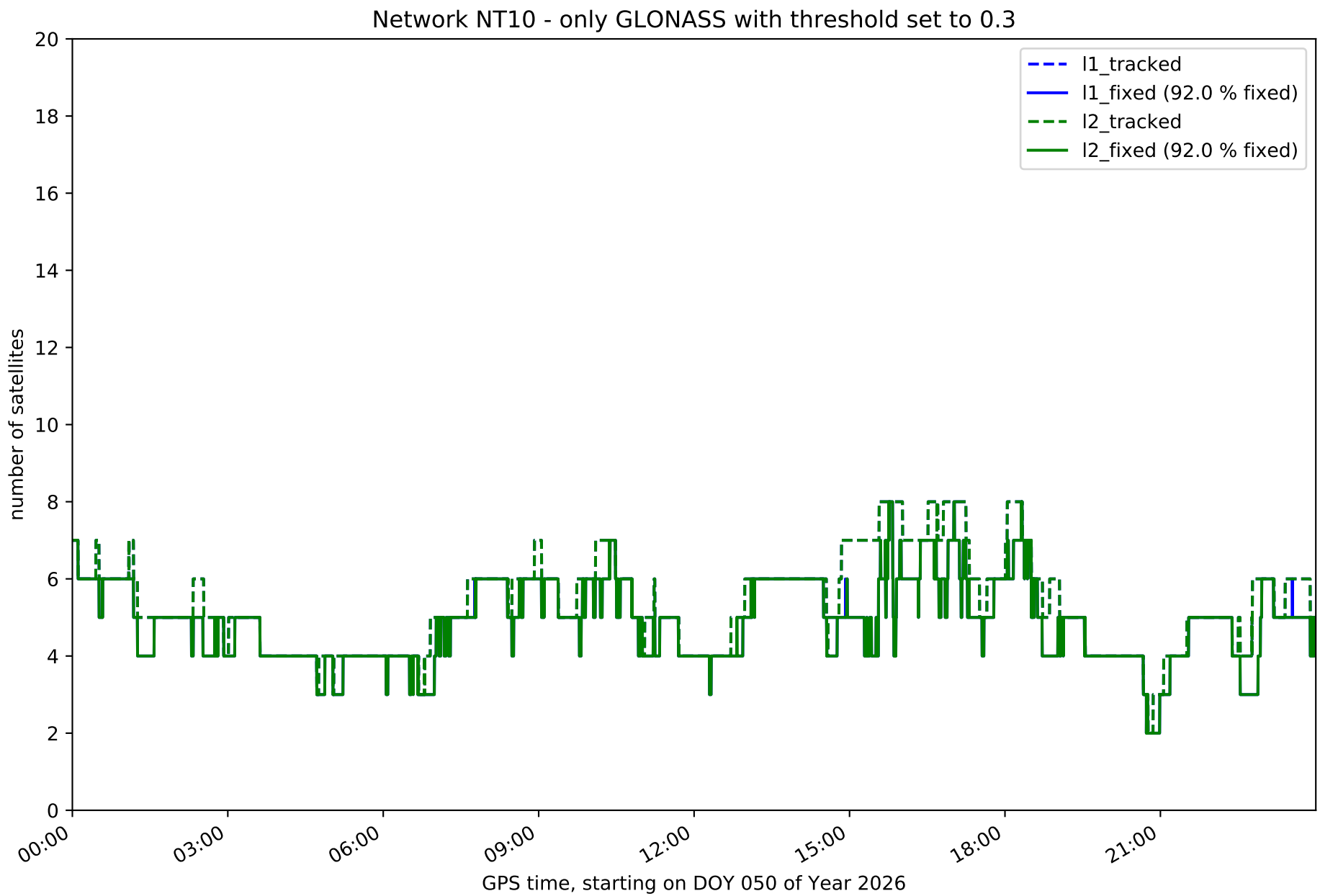

Processing rate in network NT10
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

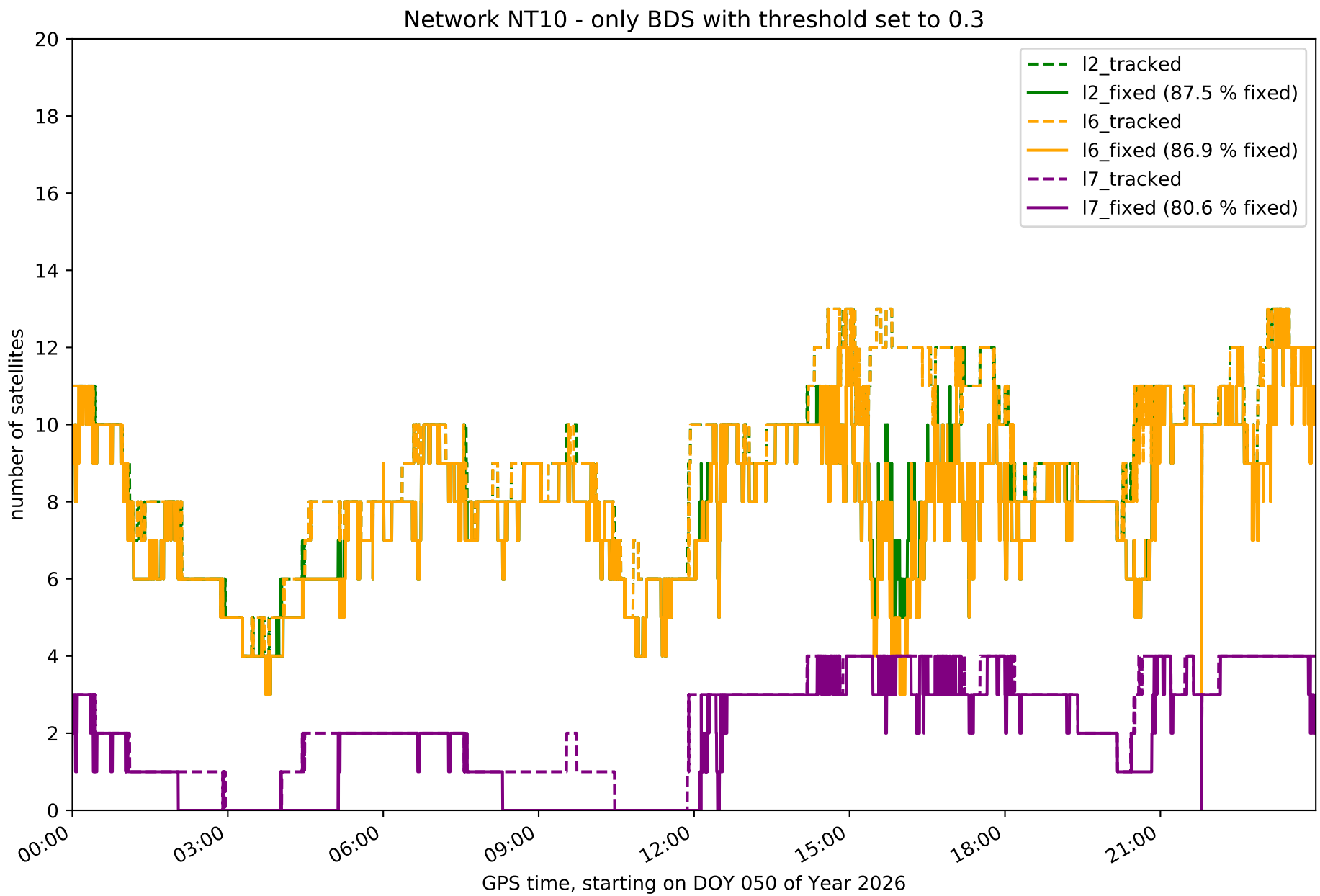

Histogram of the processing rate in network NT10 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
1
2
3
4
time difference to next processed epoch [s]

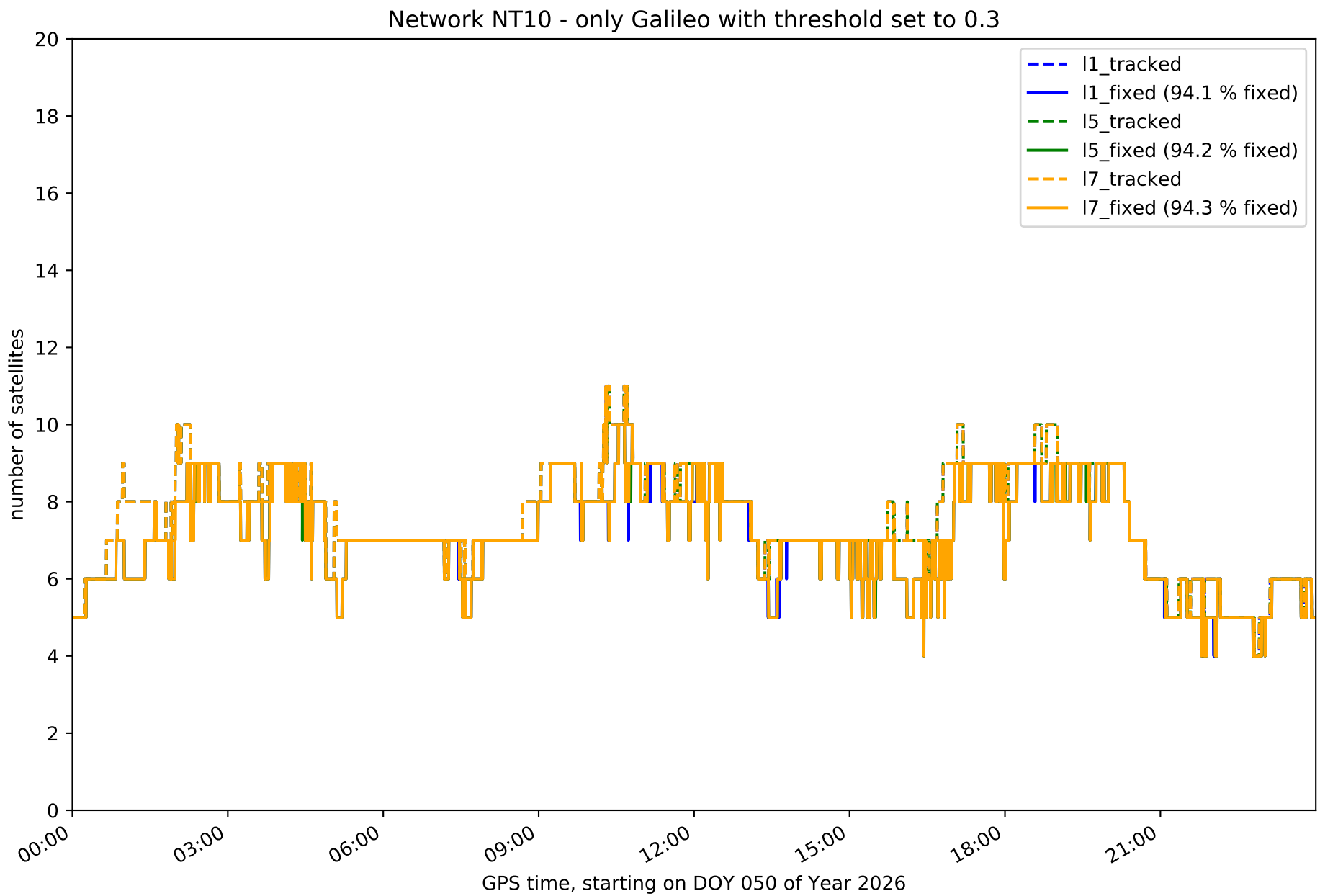

Network NT10 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

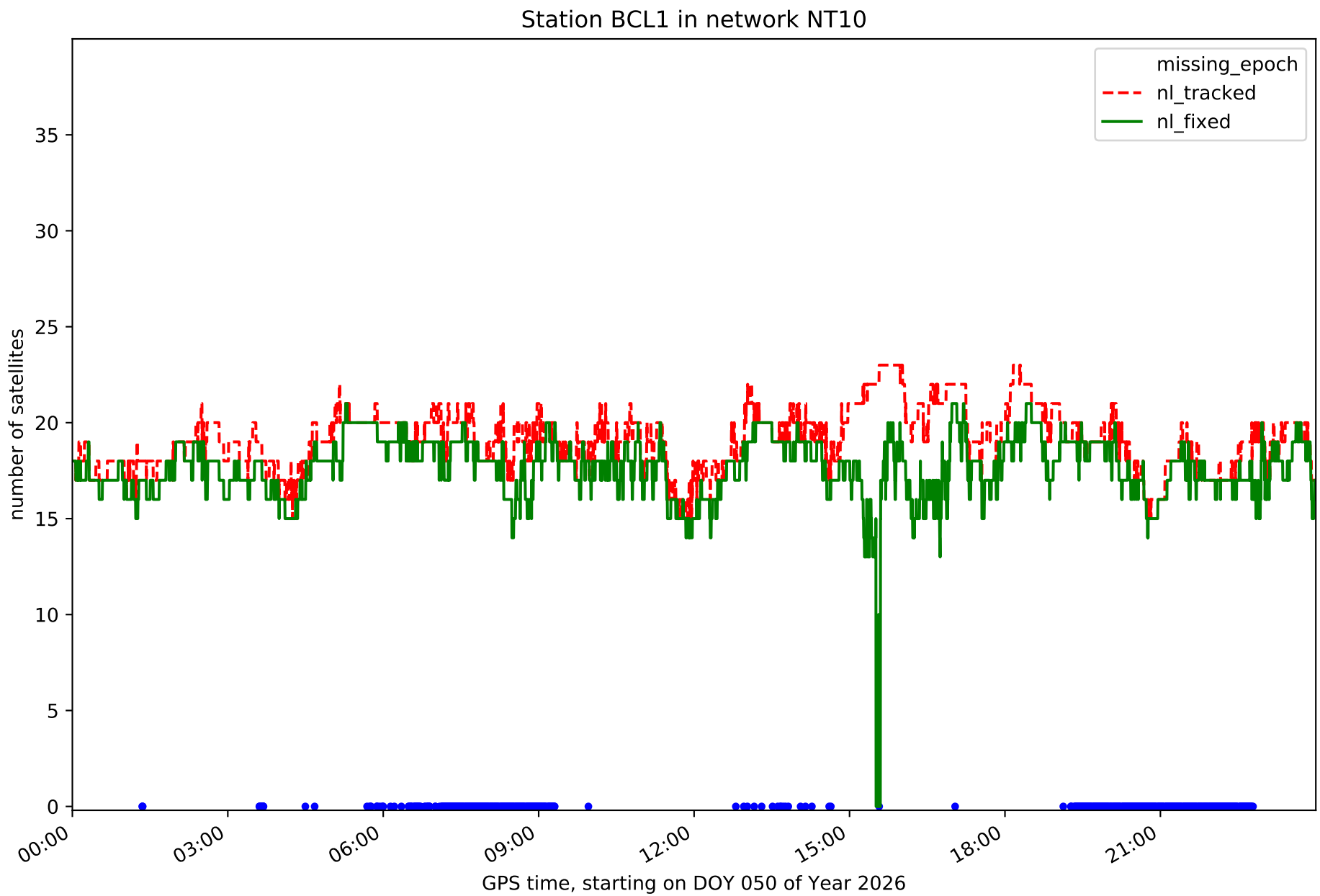

Fixing percentage of satellites in network NT10 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

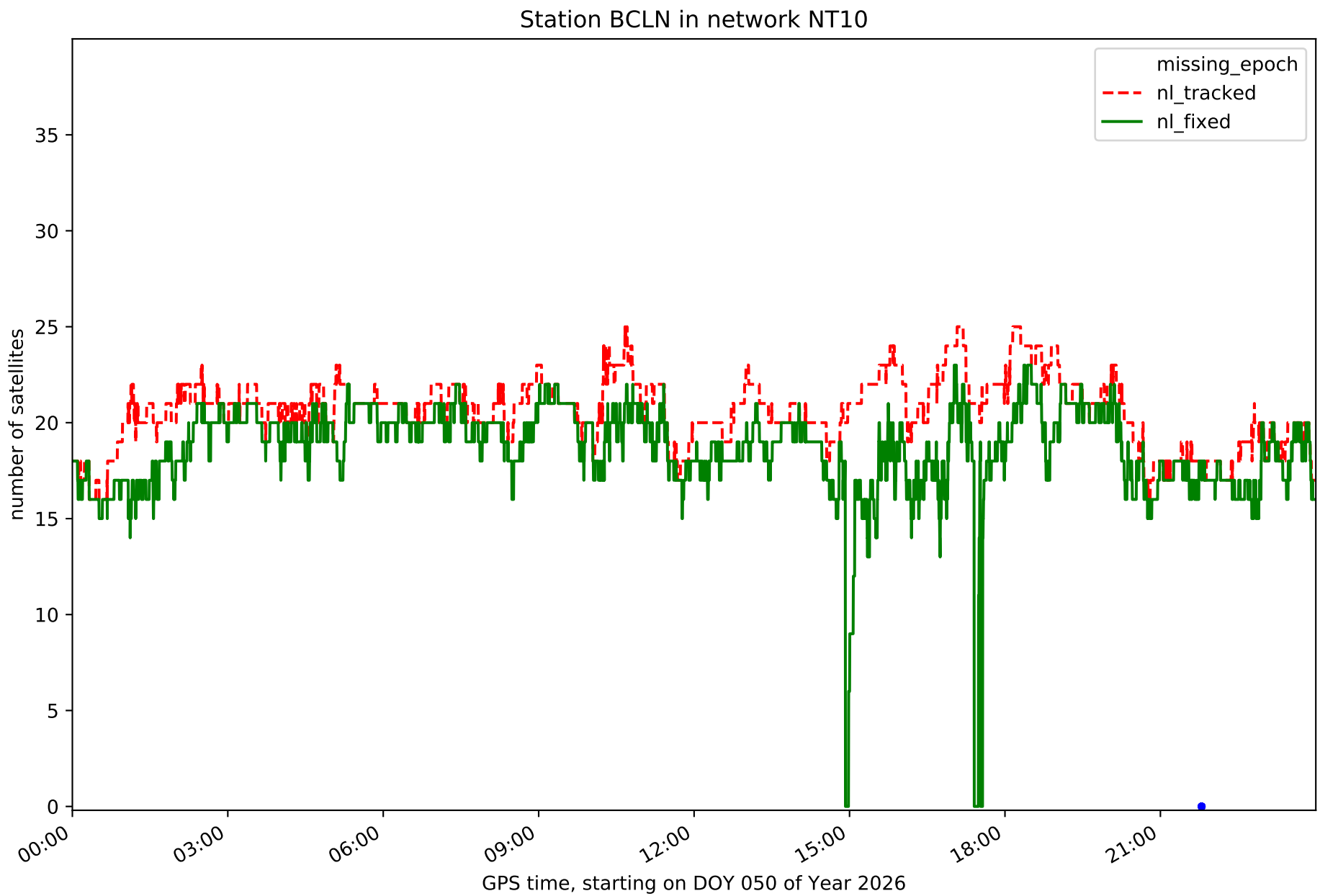

Network NT10 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (93.0 % fixed)
l2_tracked
l2_fixed (93.0 % fixed)
l5_tracked
l5_fixed (92.9 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

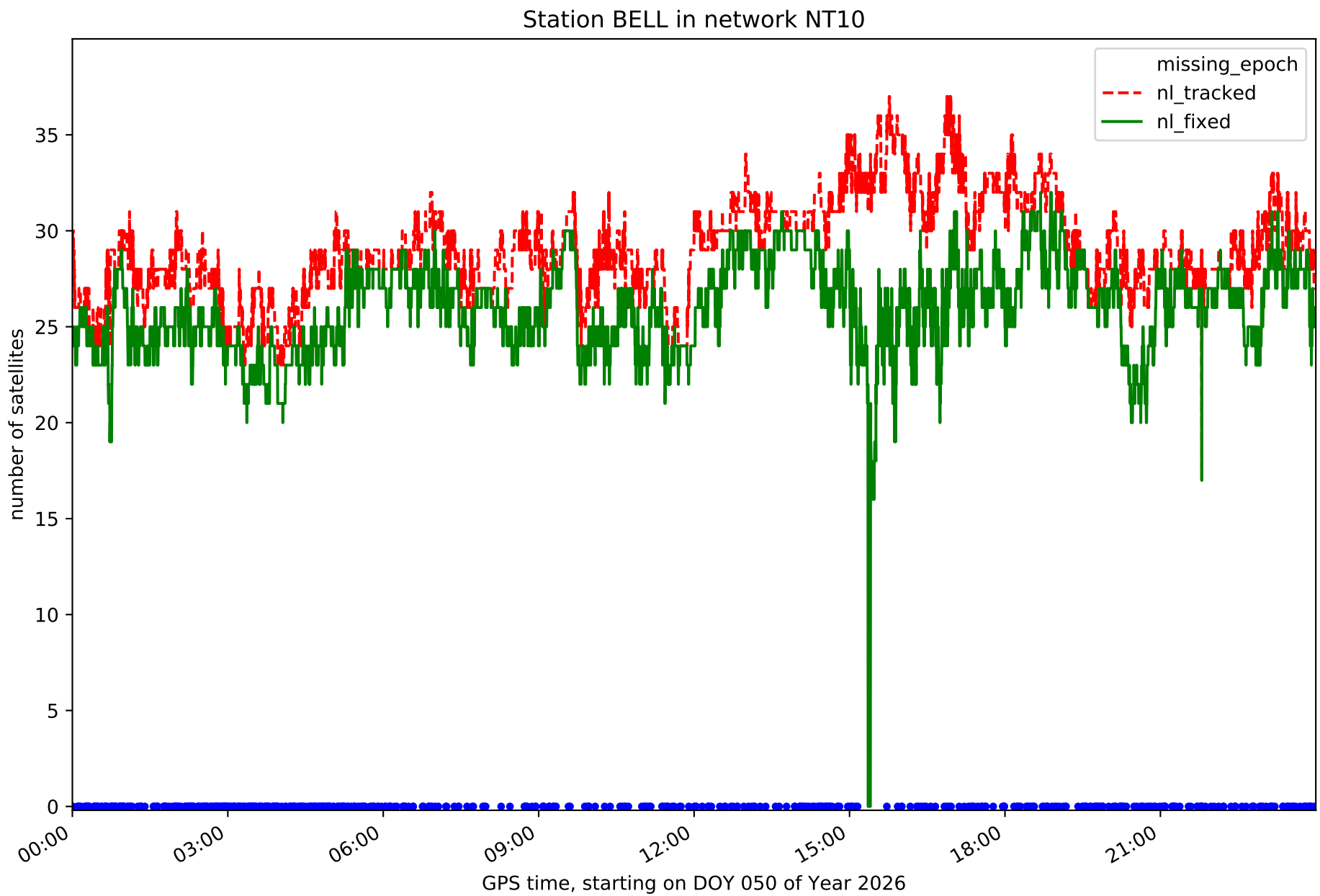

Network NT10 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (92.0 % fixed)
l2_tracked
l2_fixed (92.0 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

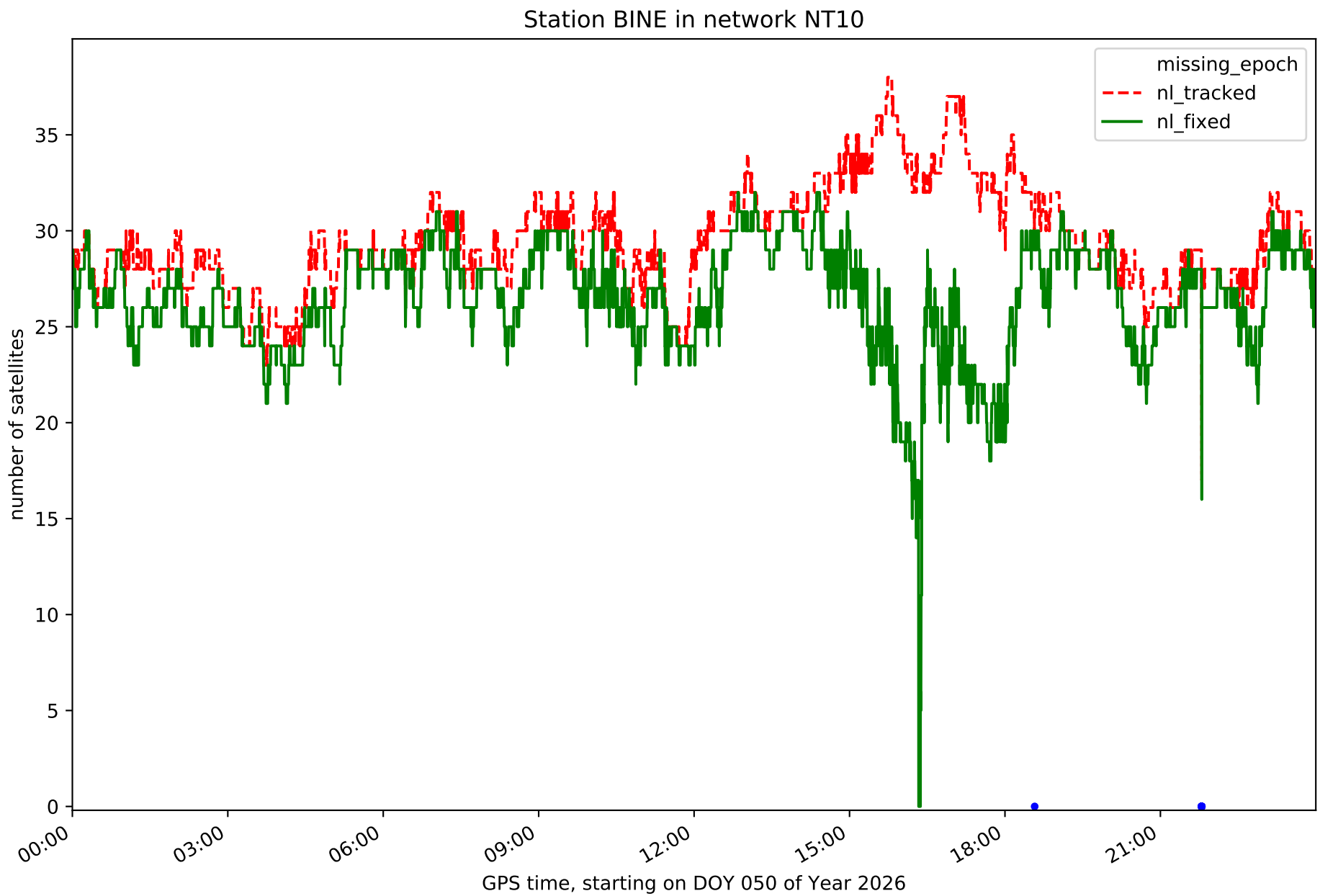

Network NT10 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (87.5 % fixed)
l6_tracked
l6_fixed (86.9 % fixed)
l7_tracked
l7_fixed (80.6 % fixed)

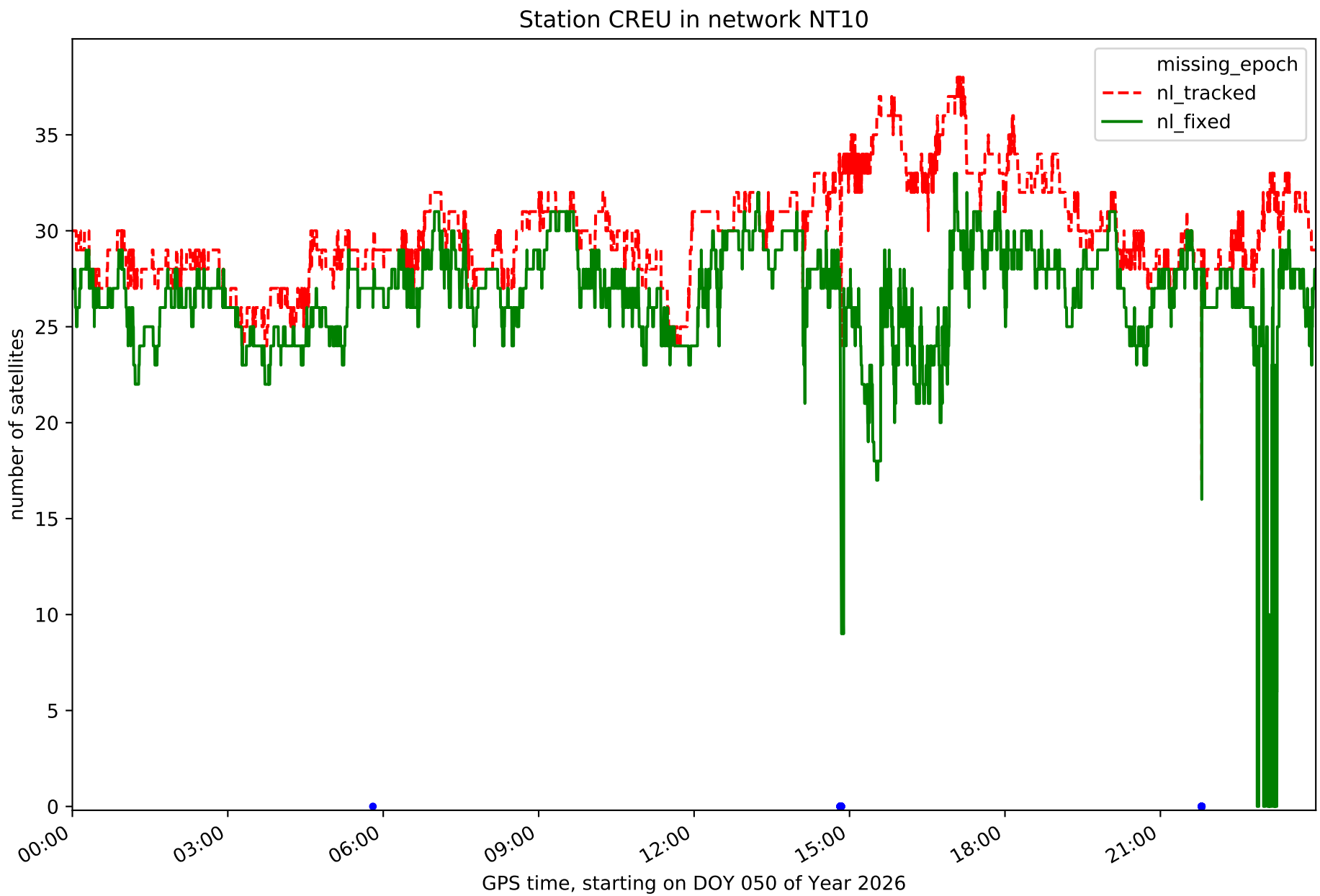

Network NT10 - only Galileo with threshold set to 0.3
l1_tracked
l1_fixed (94.1 % fixed)
l5_tracked
l5_fixed (94.2 % fixed)
l7_tracked
l7_fixed (94.3 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

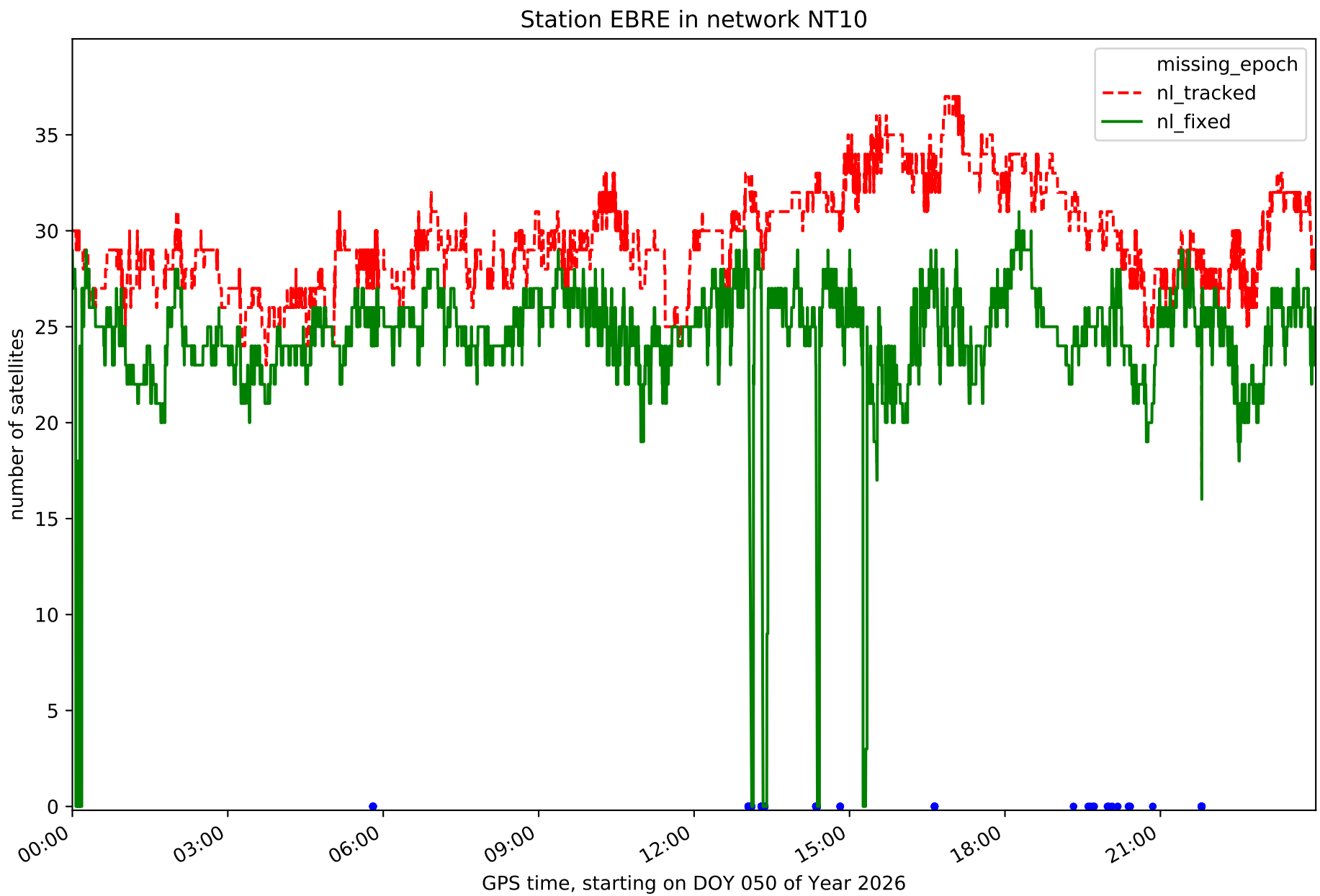

Station BCL1 in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

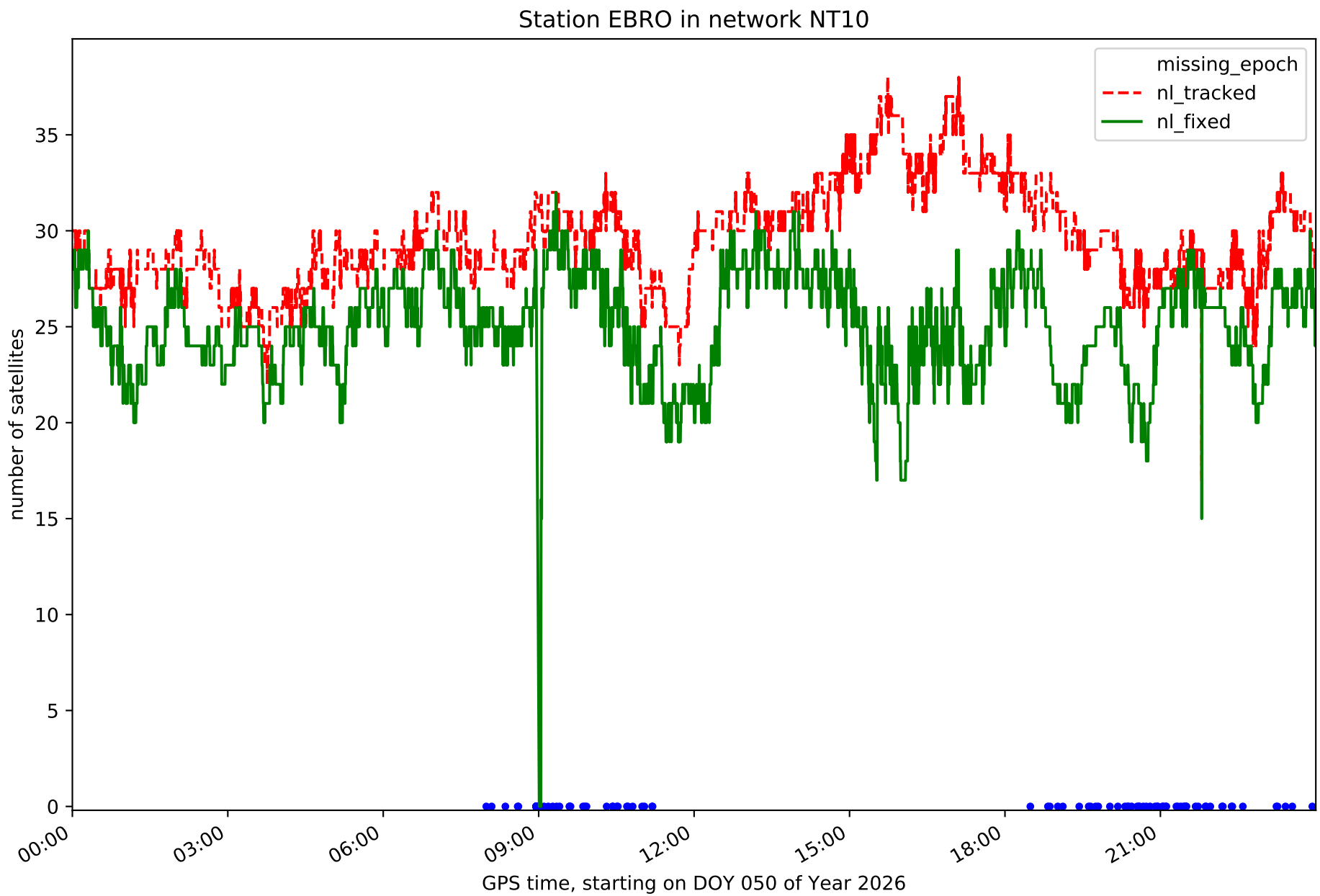

Station BCLN in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

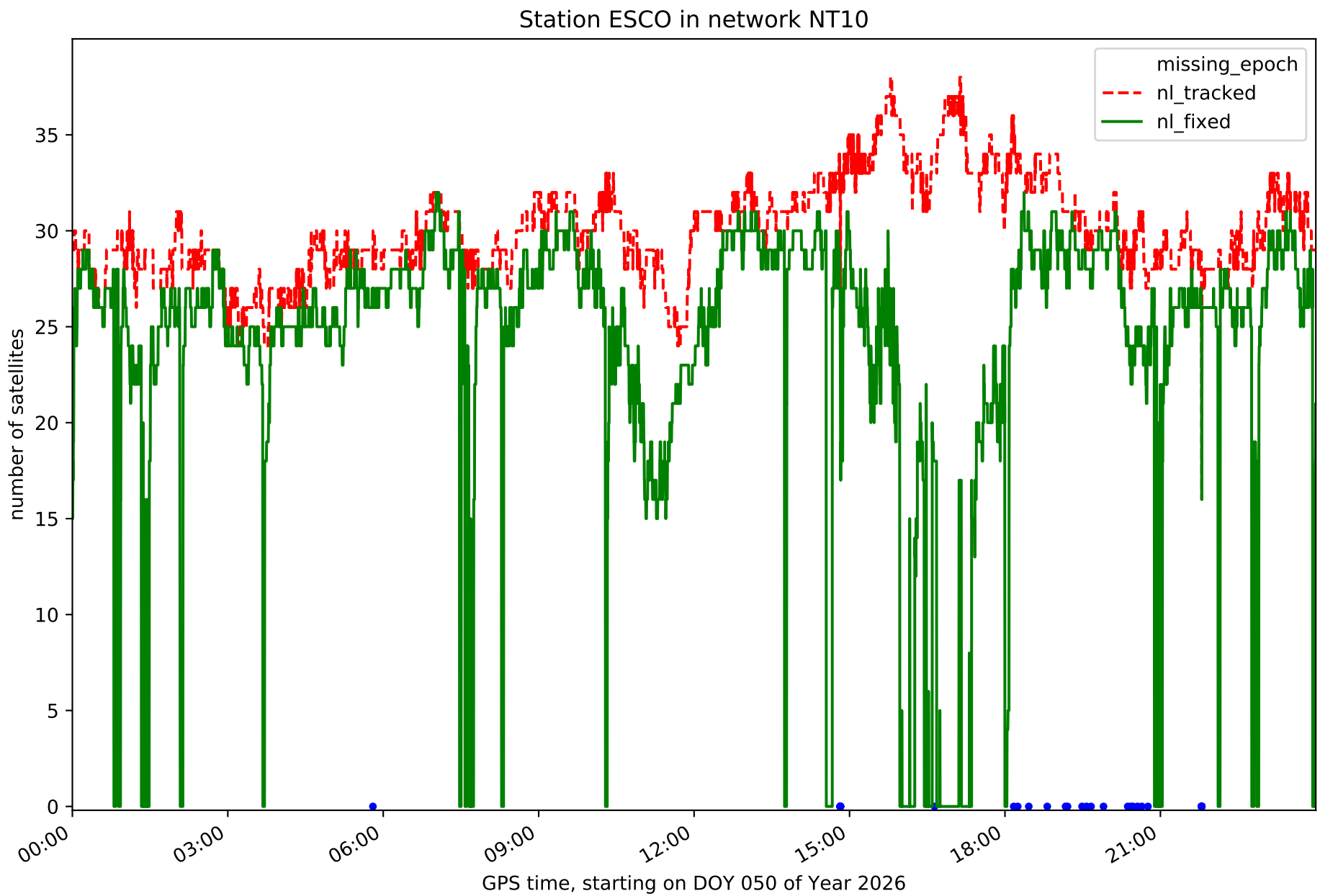

Station BELL in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

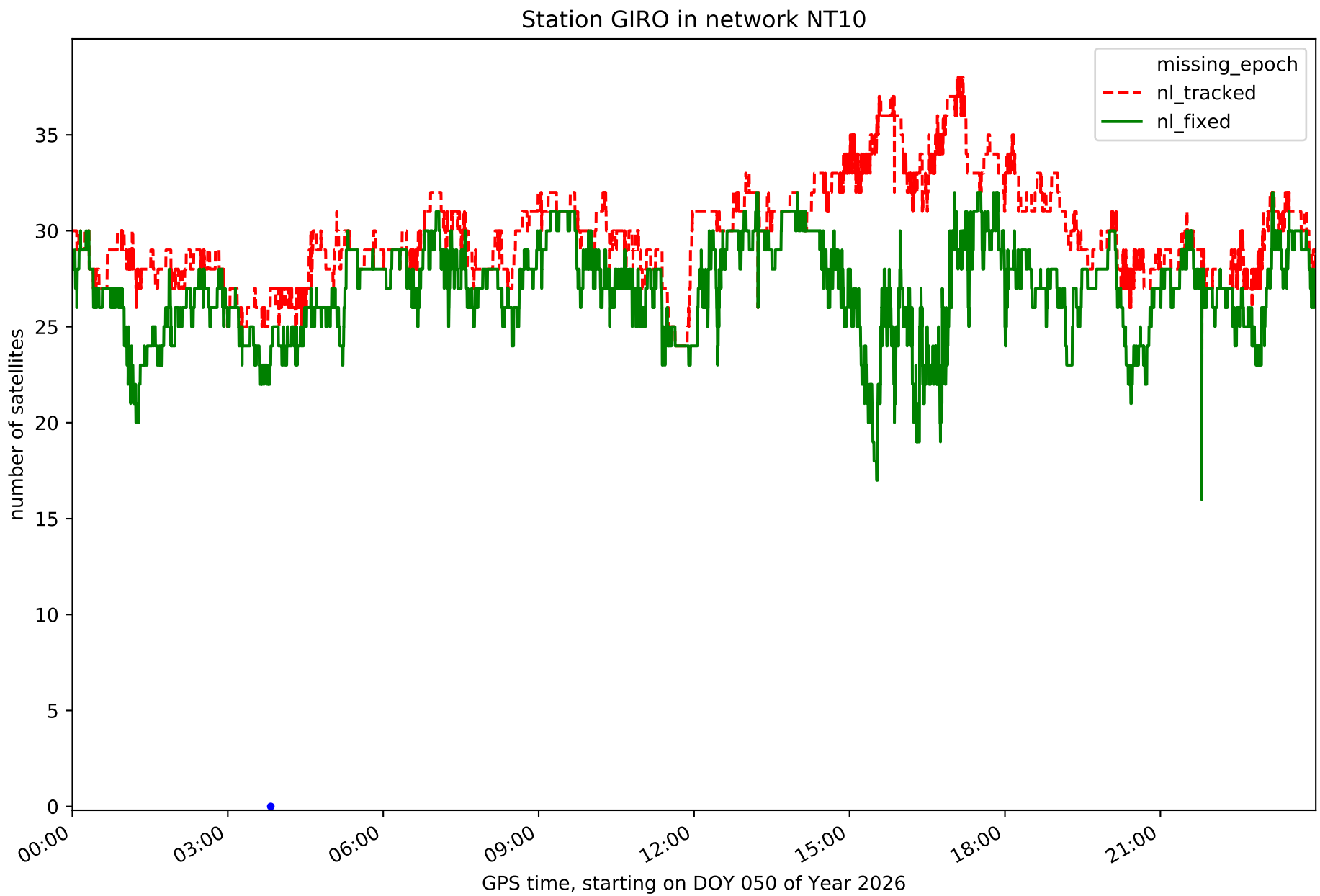

Station BINE in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

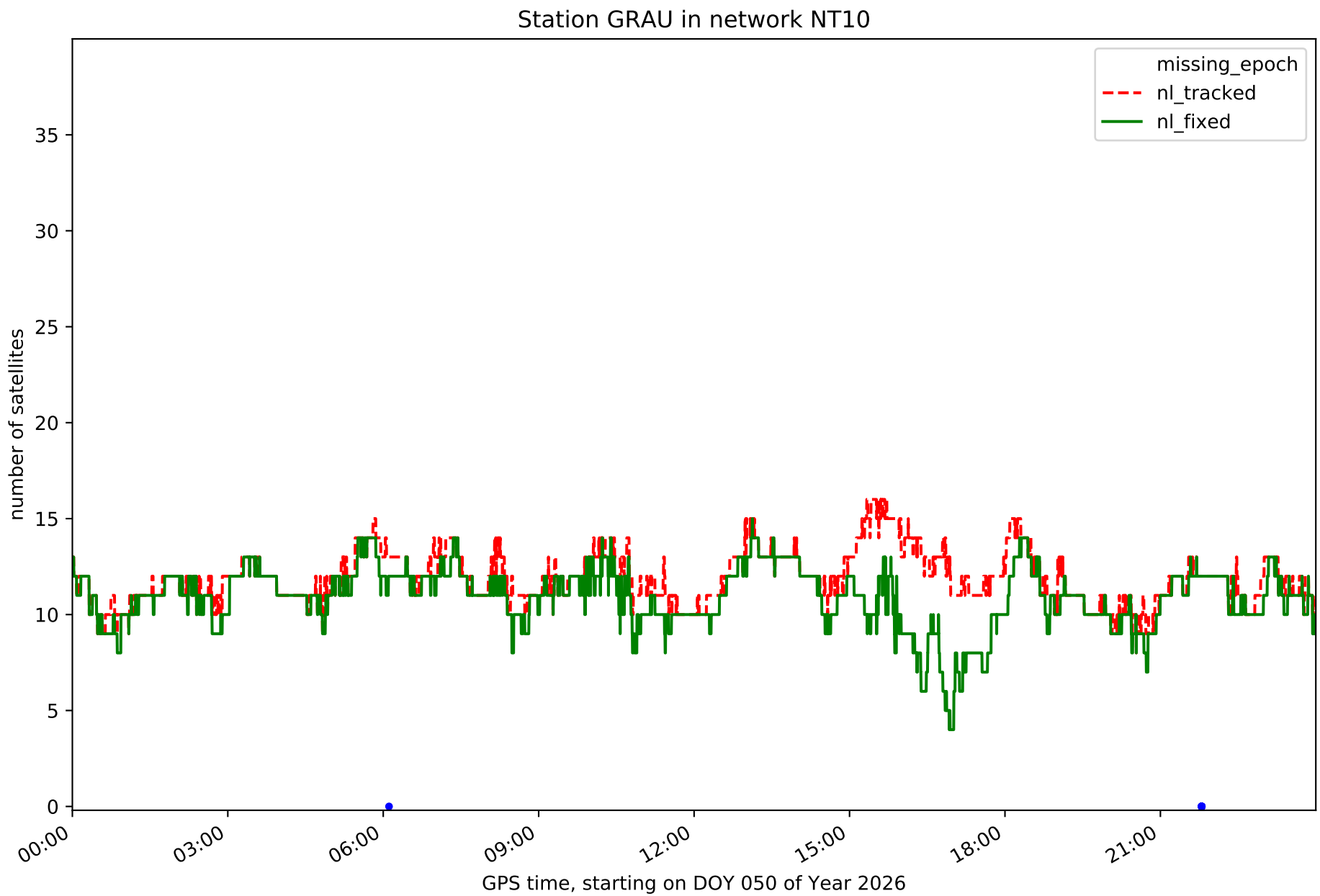

Station CREU in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

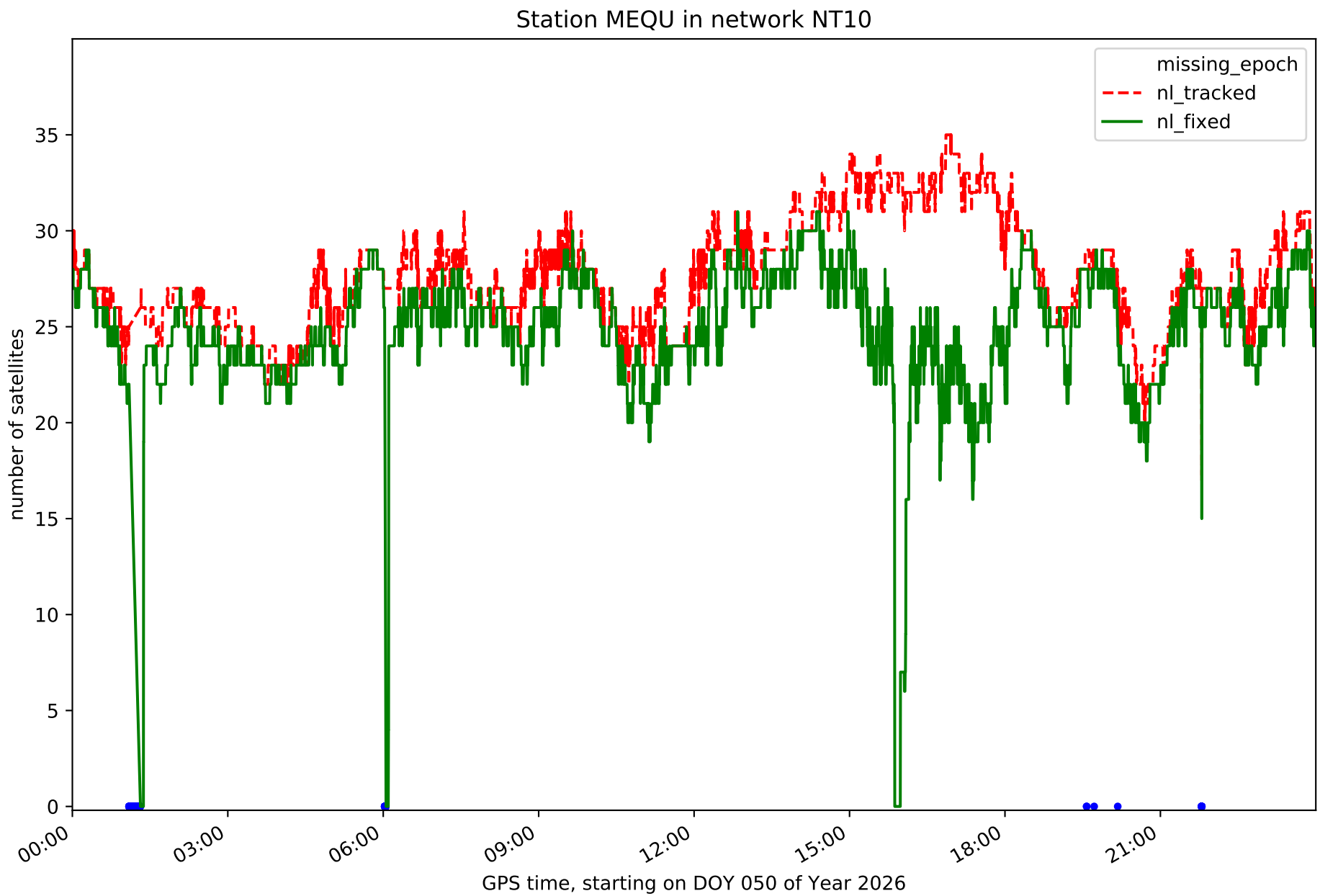

Station EBRE in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

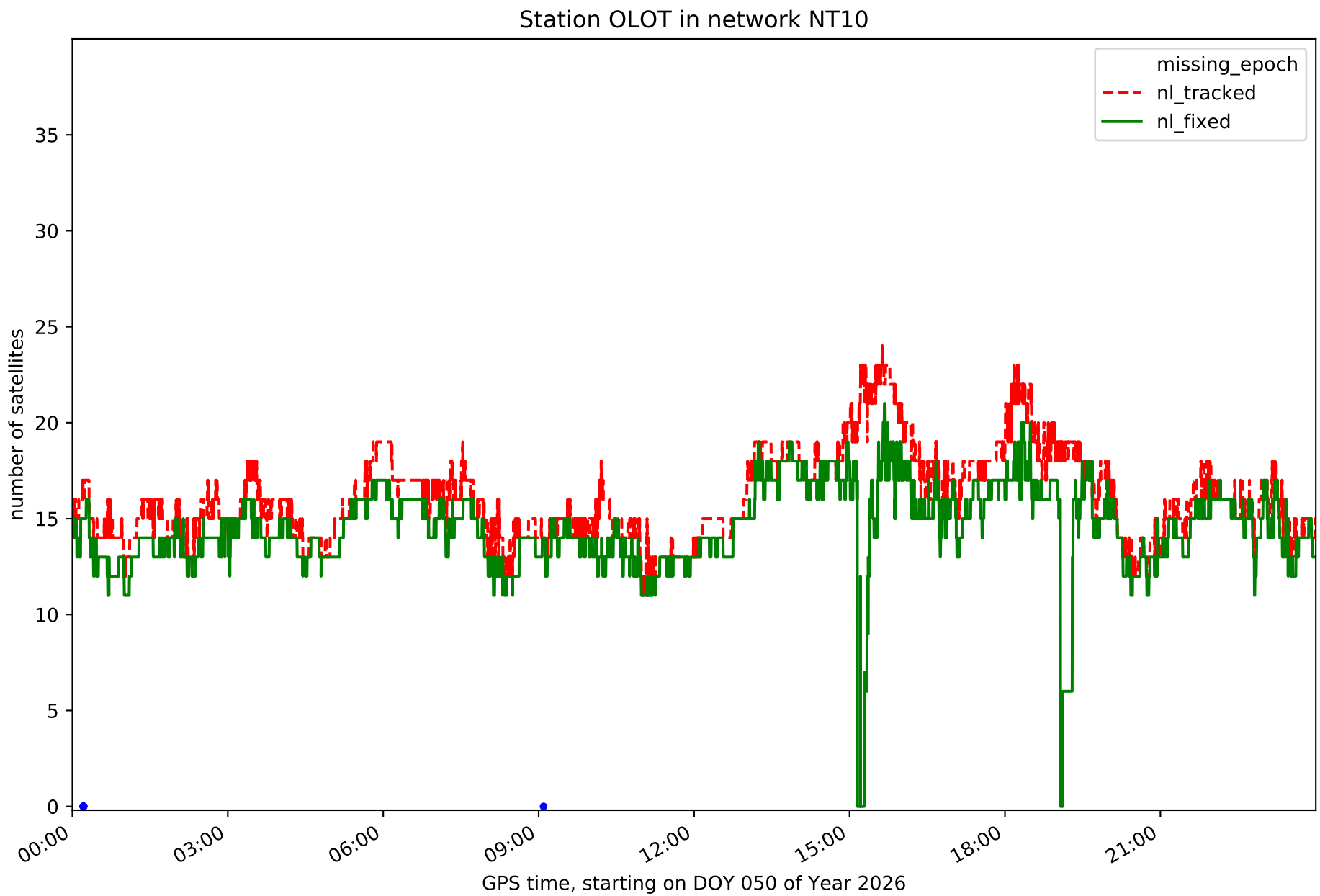

Station EBRO in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

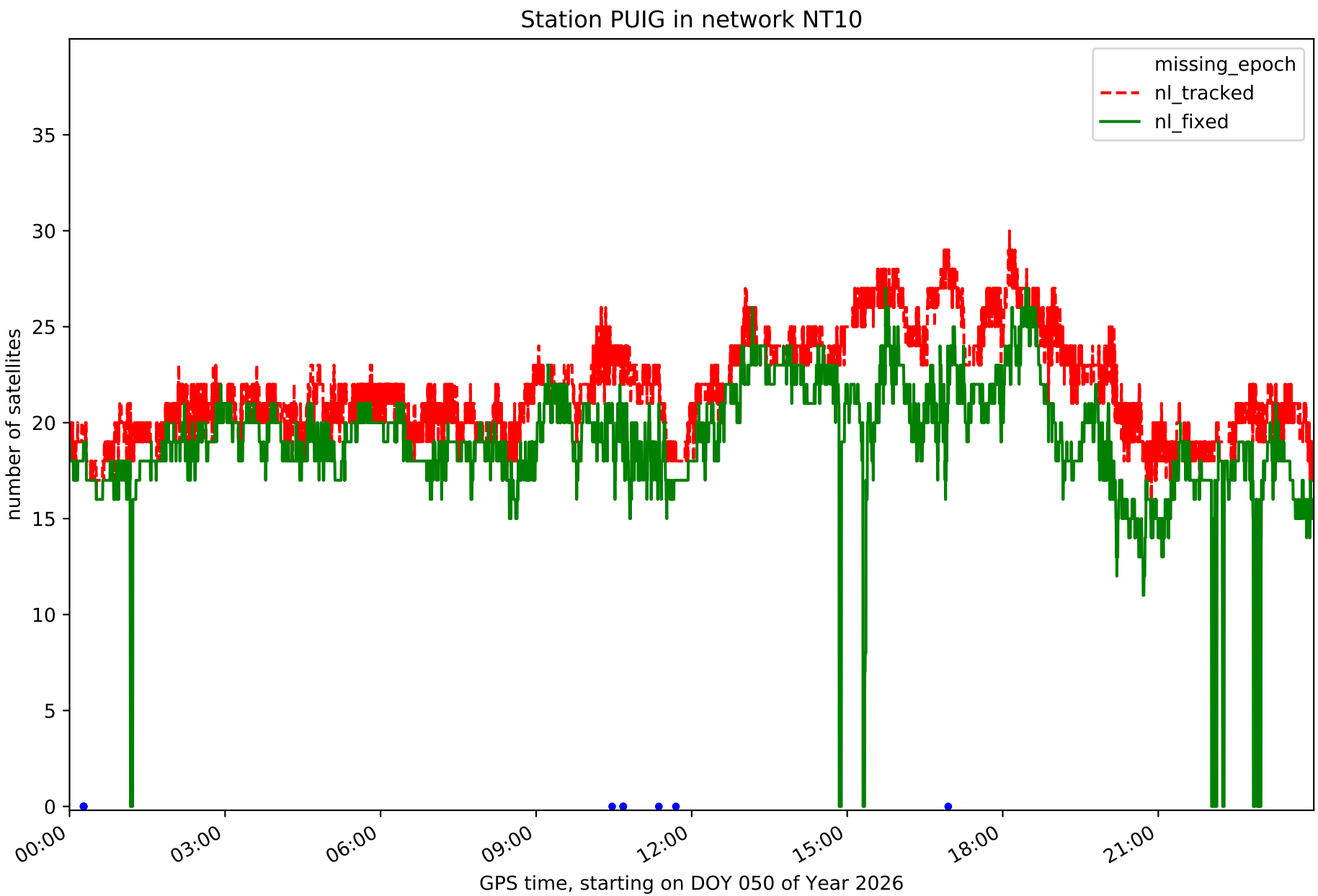

Station ESCO in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

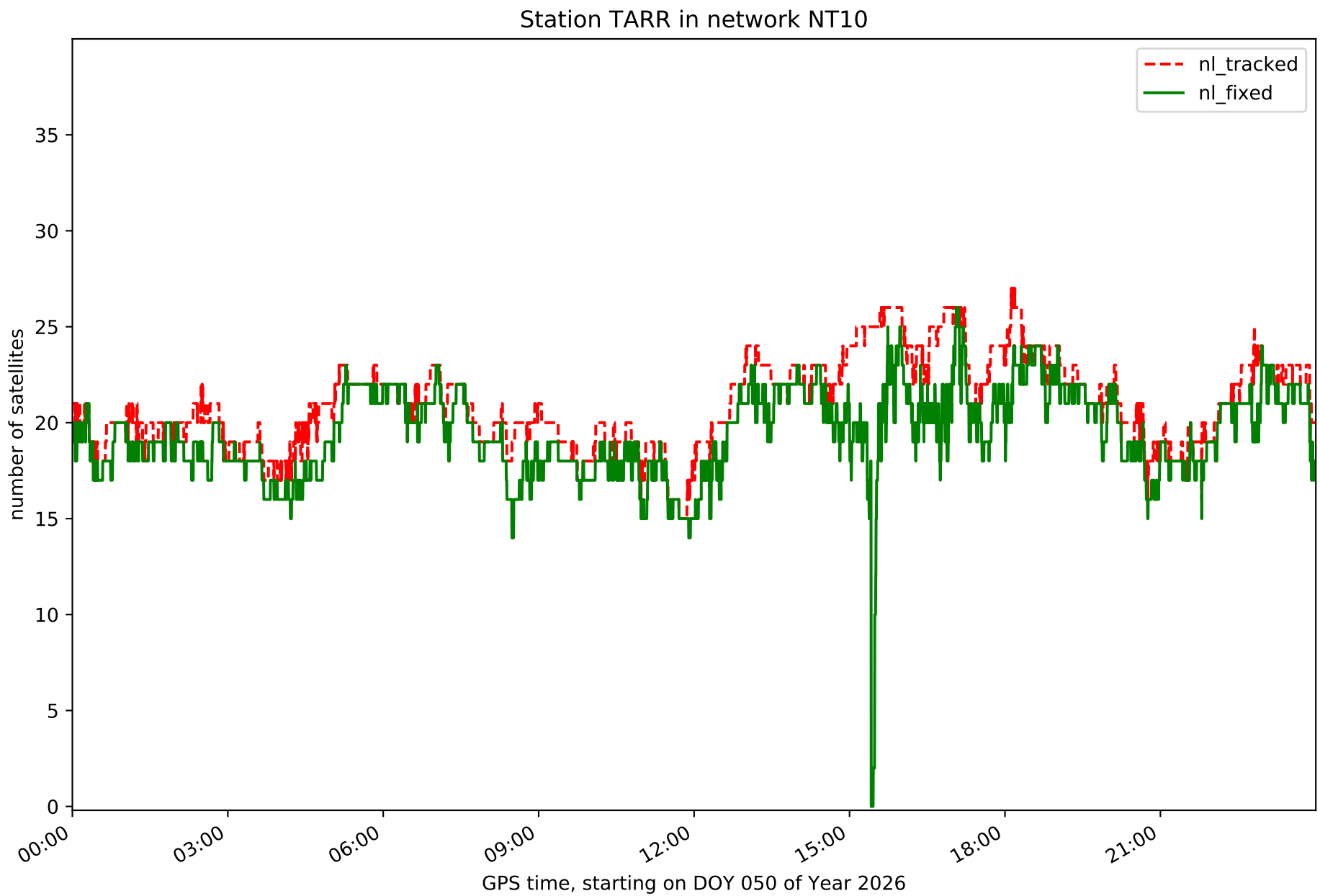

Station GIRO in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

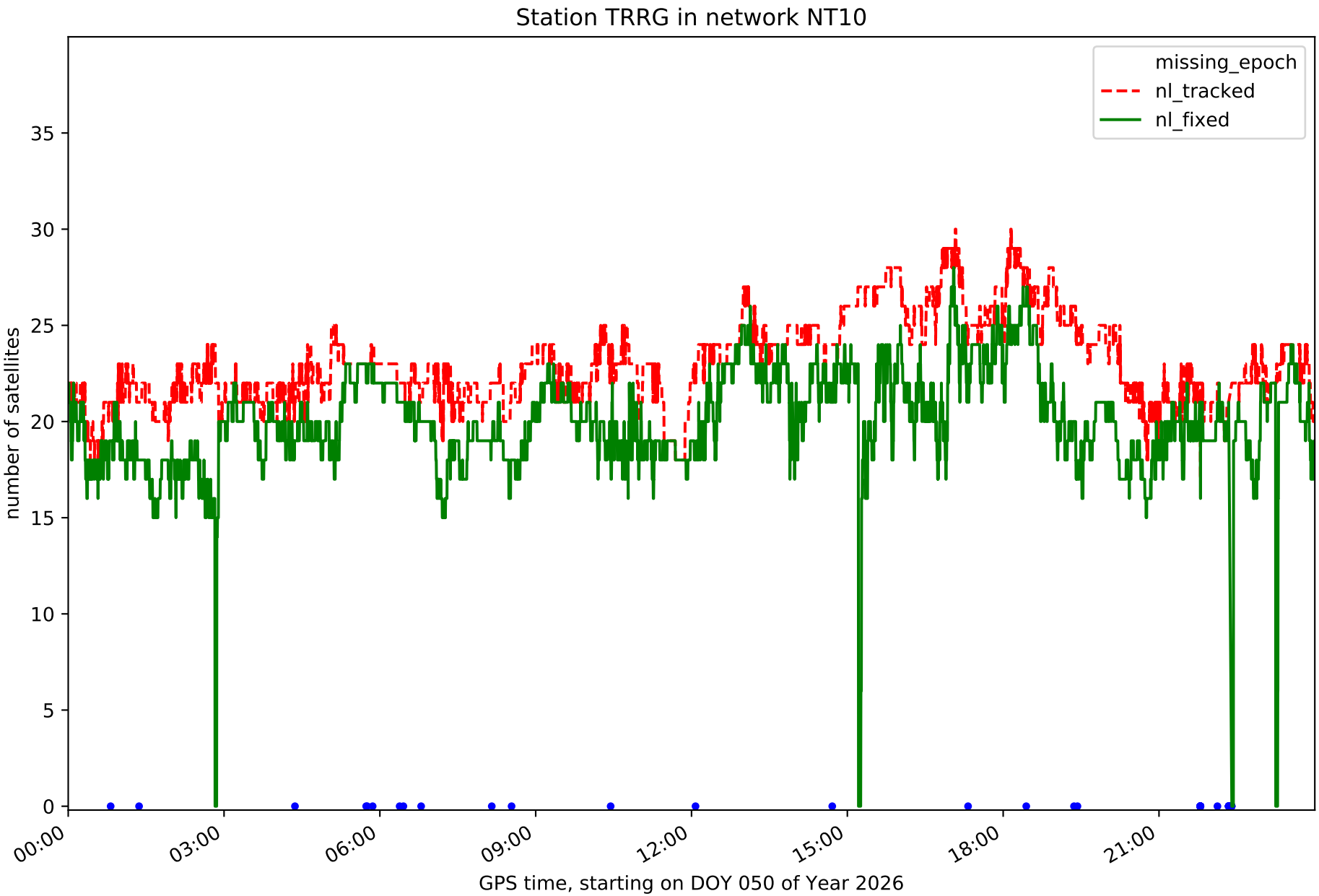

Station GRAU in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

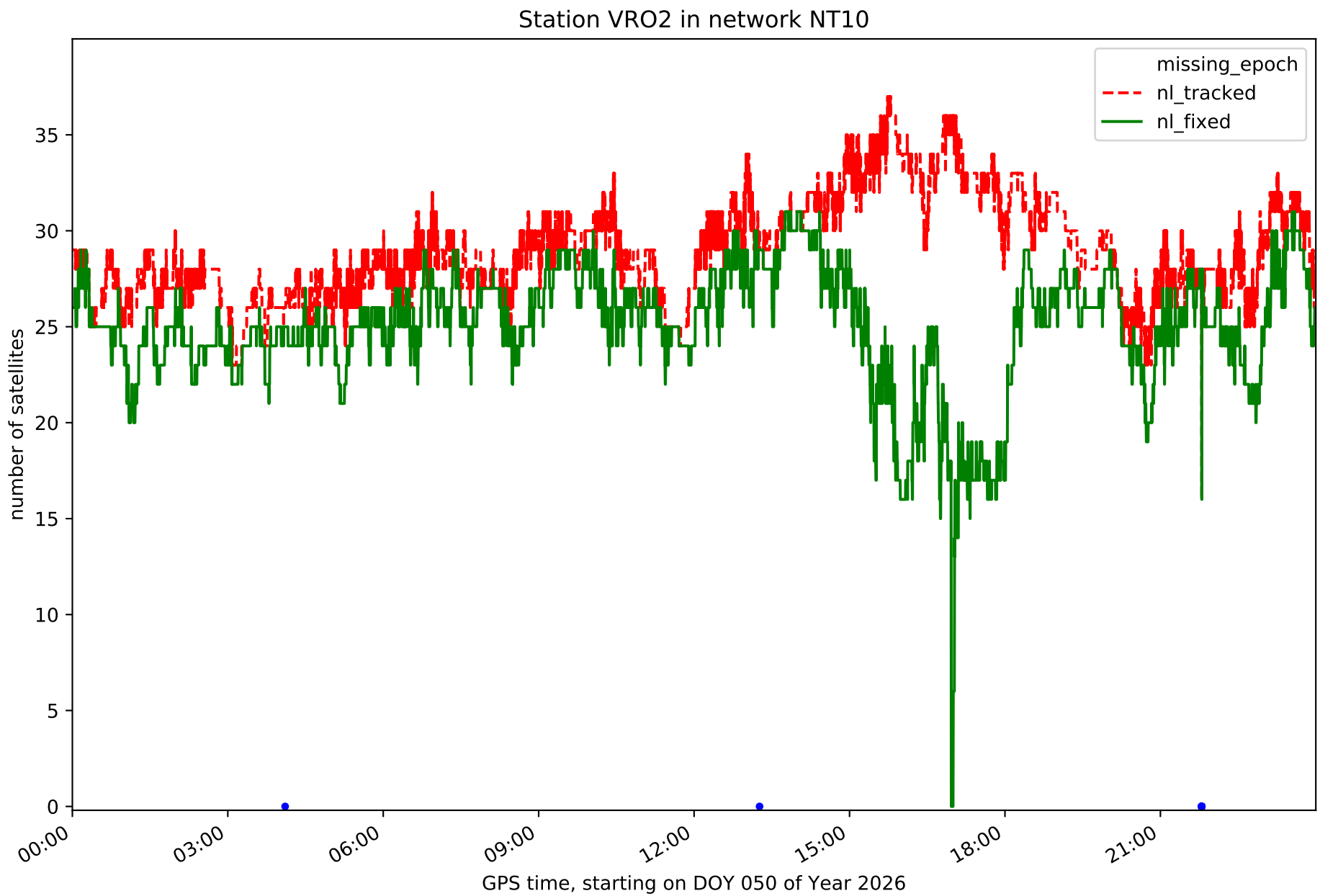

Station MEQU in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

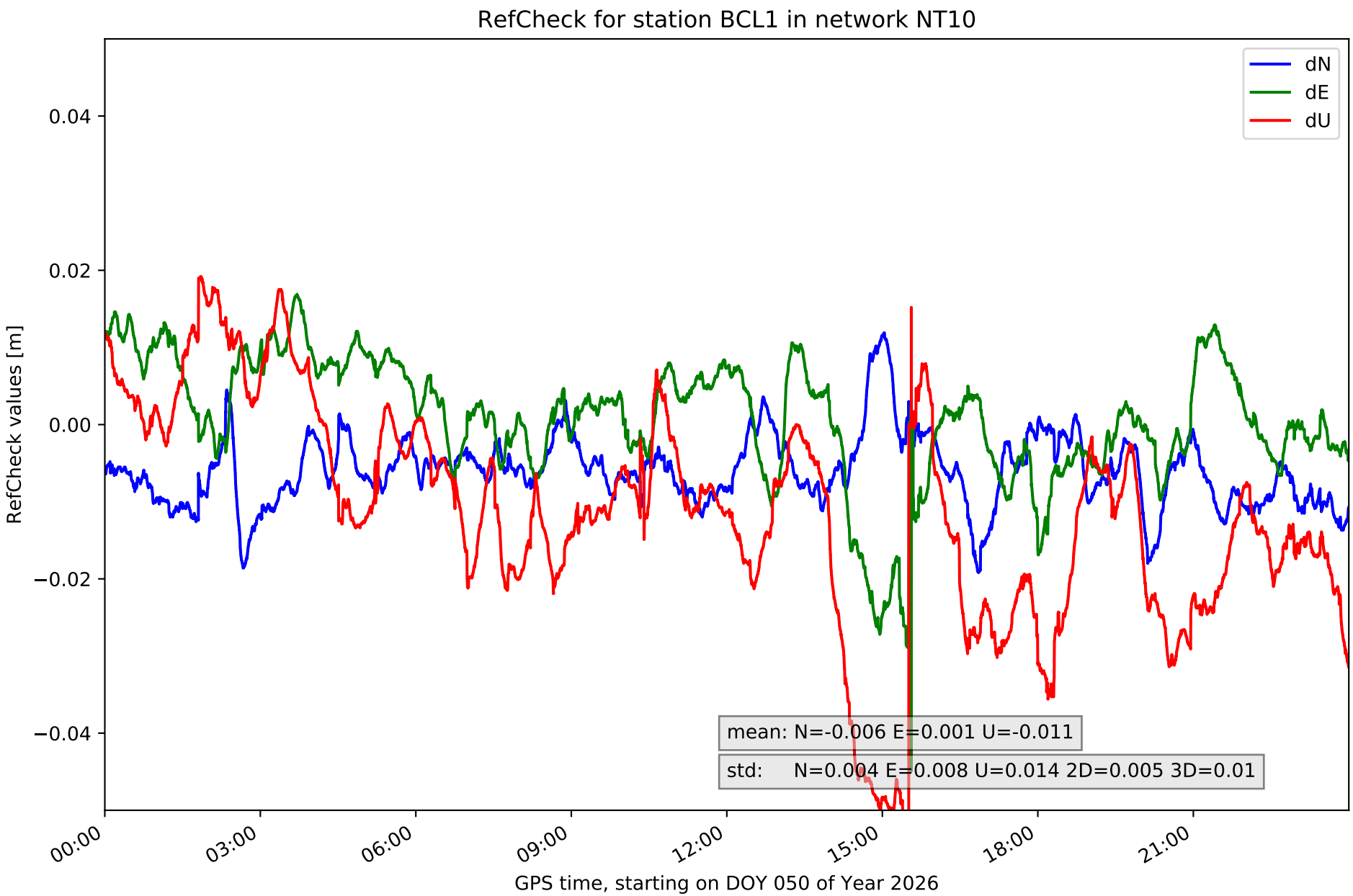

Station OLOT in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

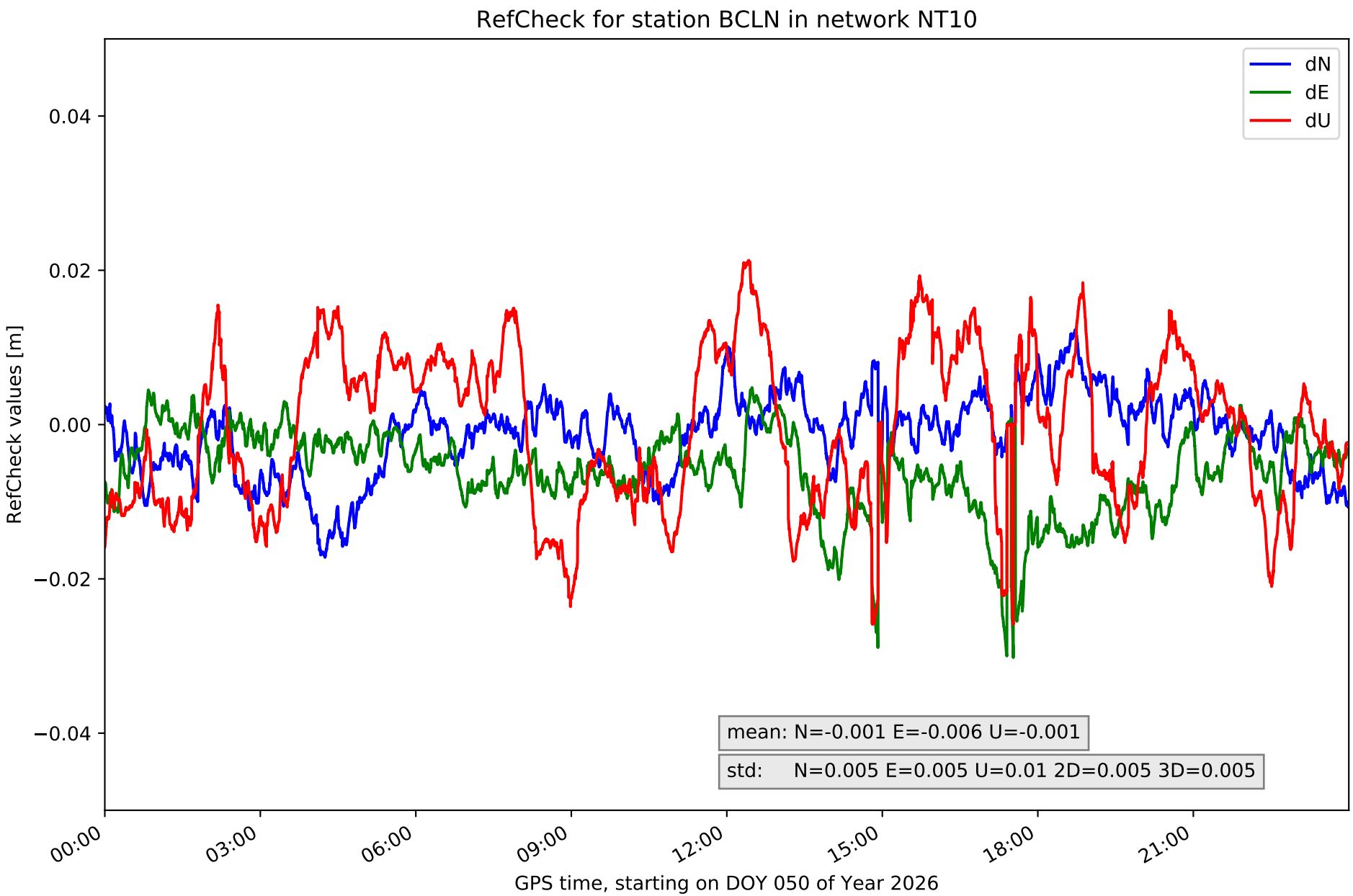

Station PUIG in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

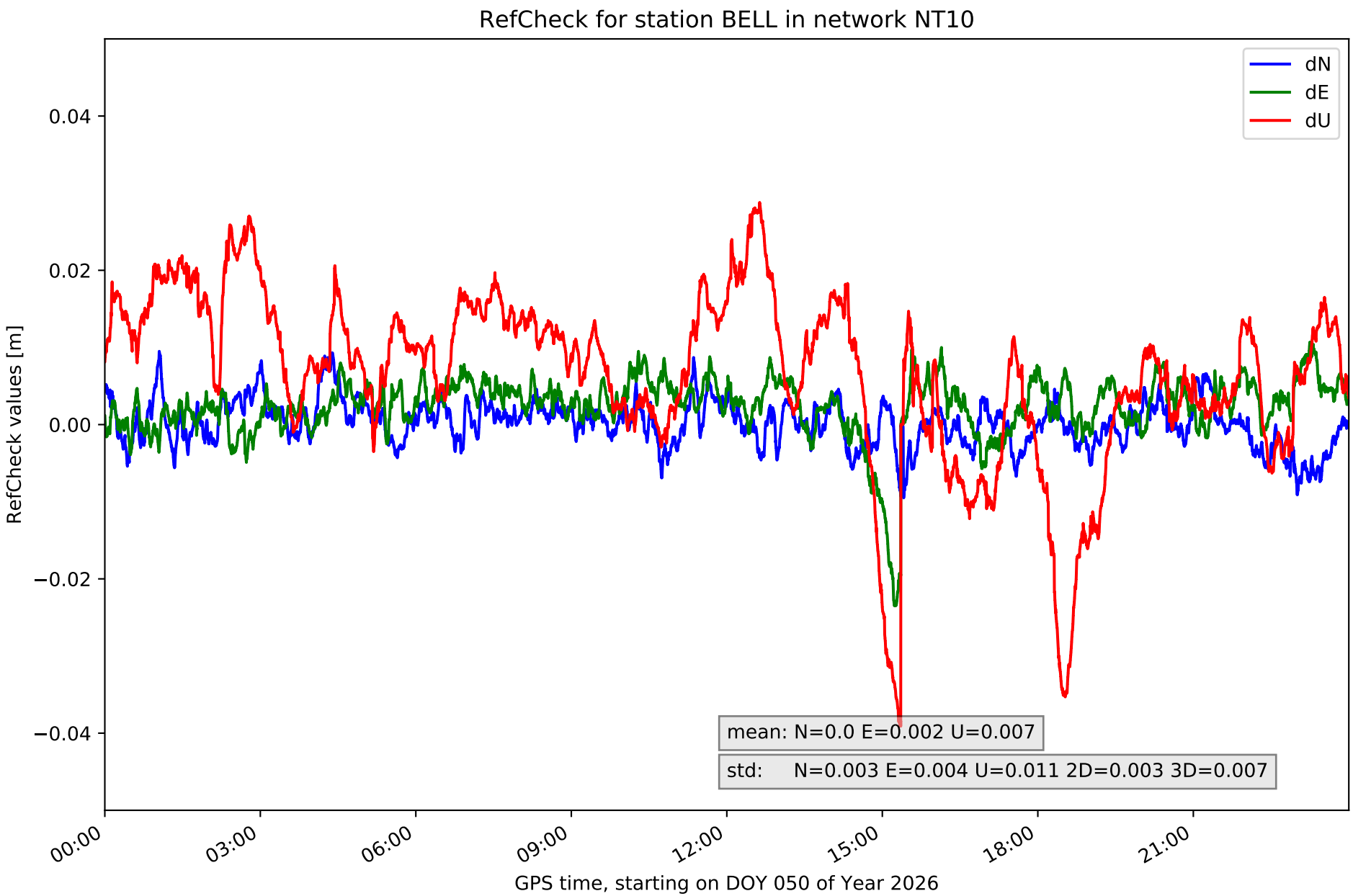

Station TARR in network NT10
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

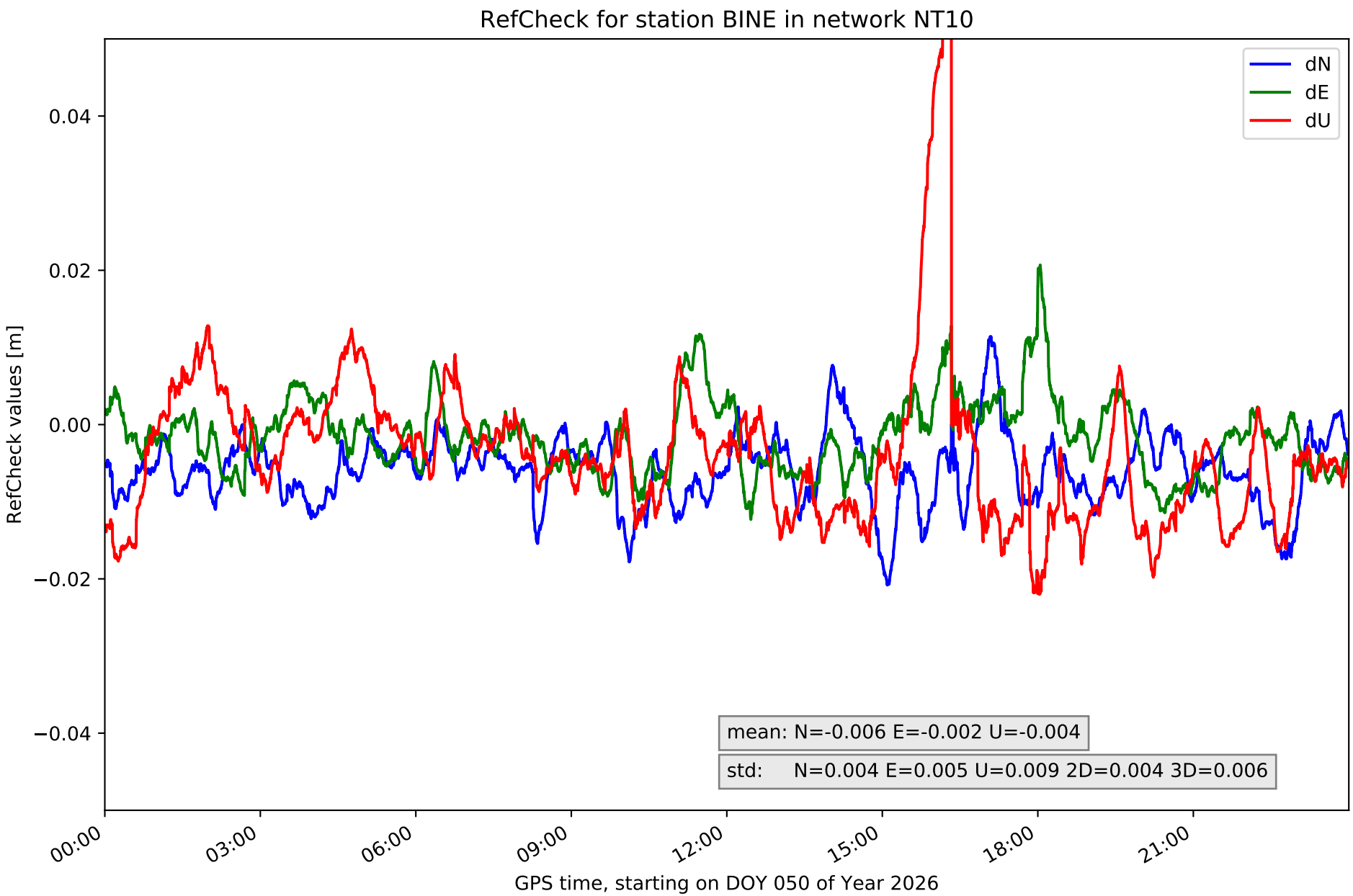

Station TRRG in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

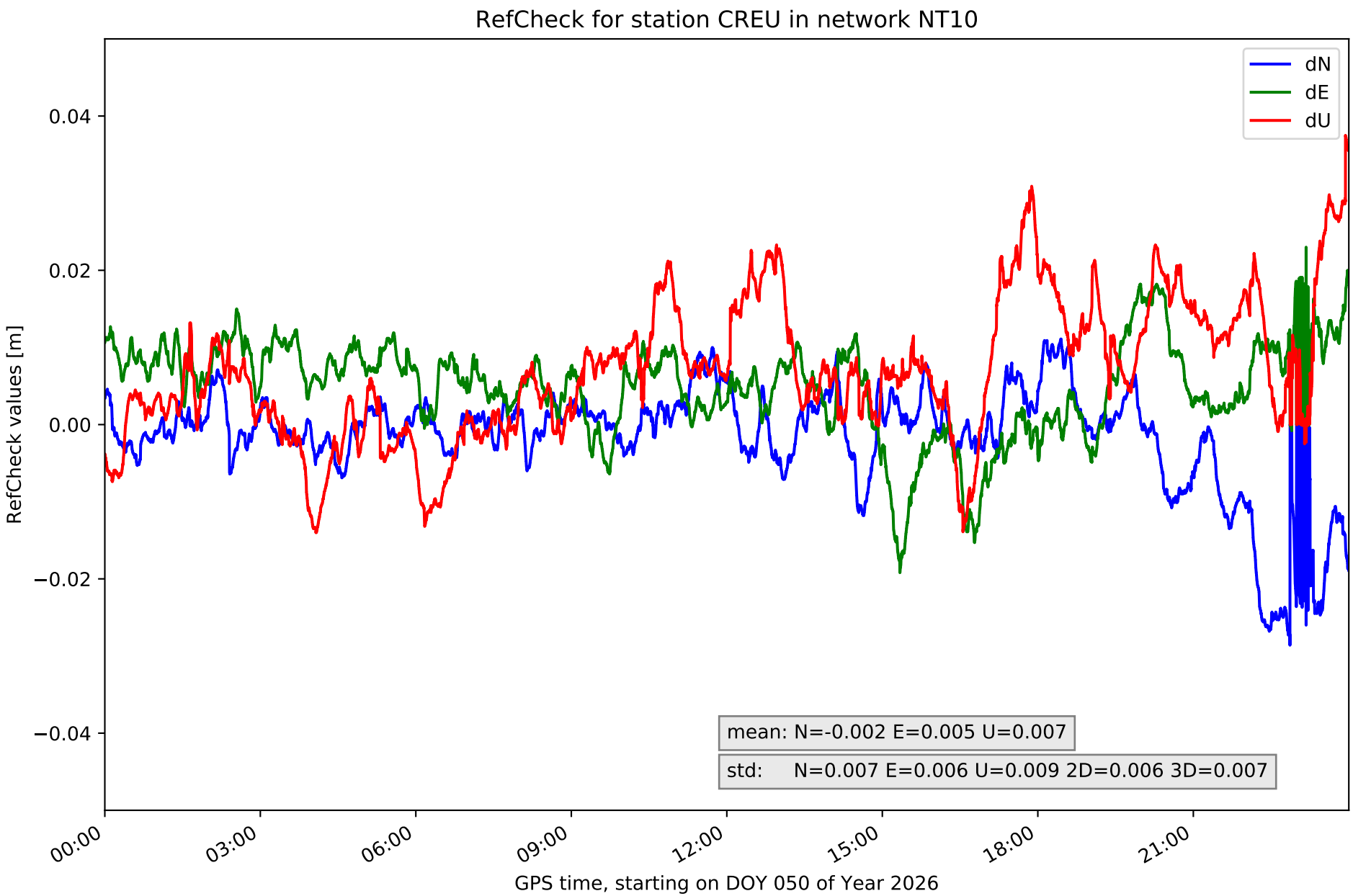

Station VRO2 in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

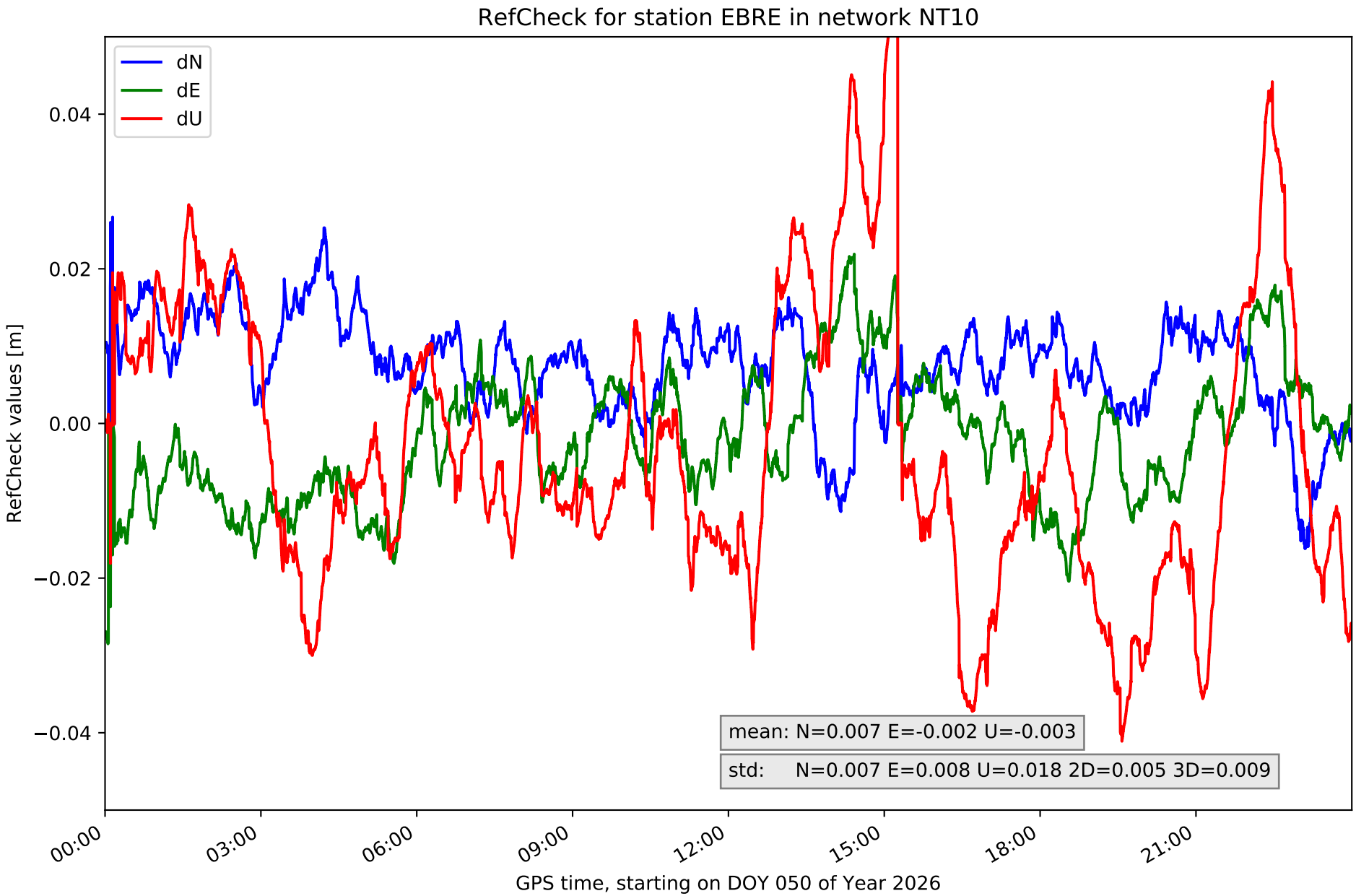

RefCheck for station BCL1 in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=0.001 U=-0.011
std: N=0.004 E=0.008 U=0.014 2D=0.005 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

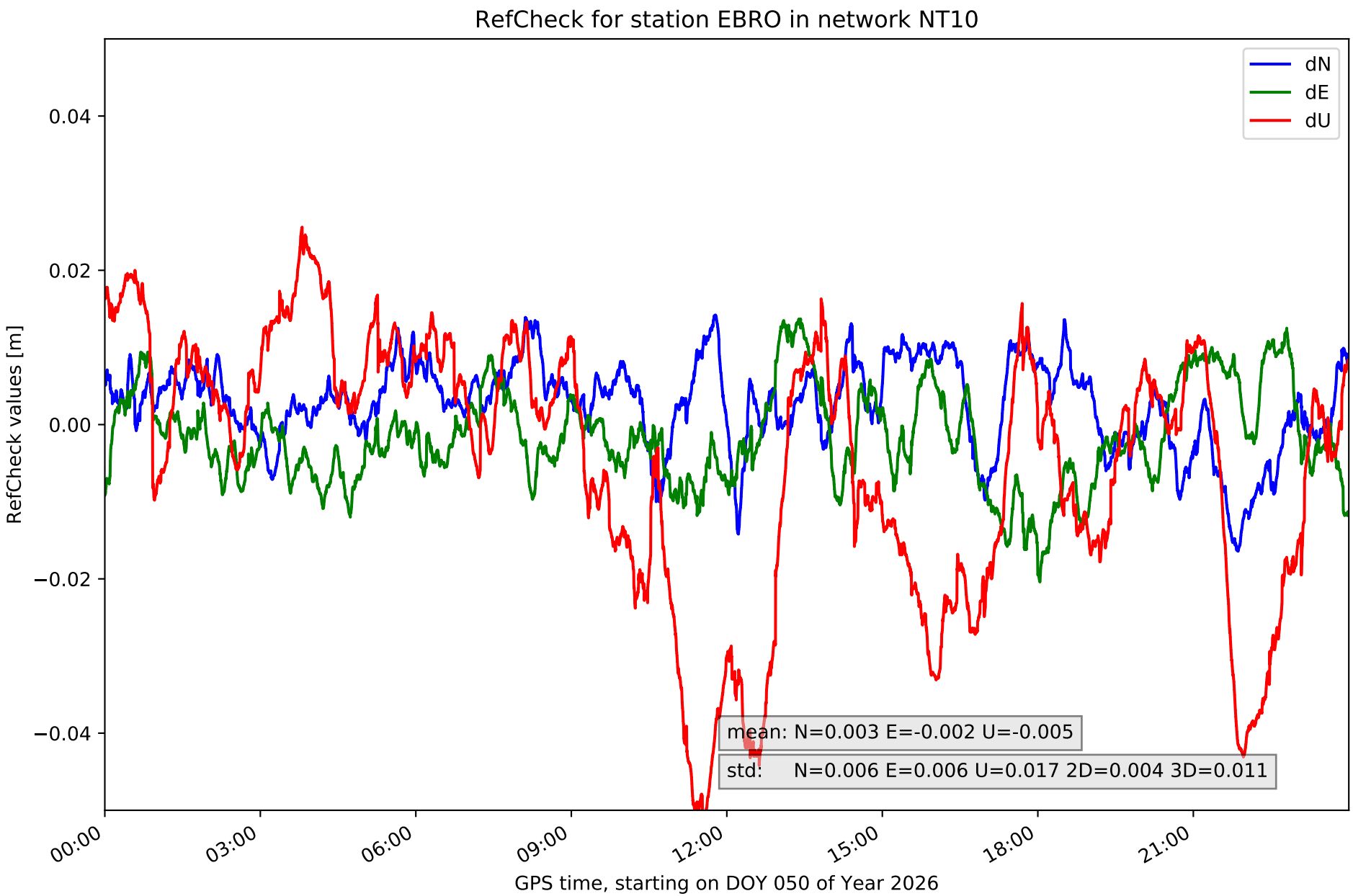

RefCheck for station BCLN in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.006 U=-0.001
std: N=0.005 E=0.005 U=0.01 2D=0.005 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

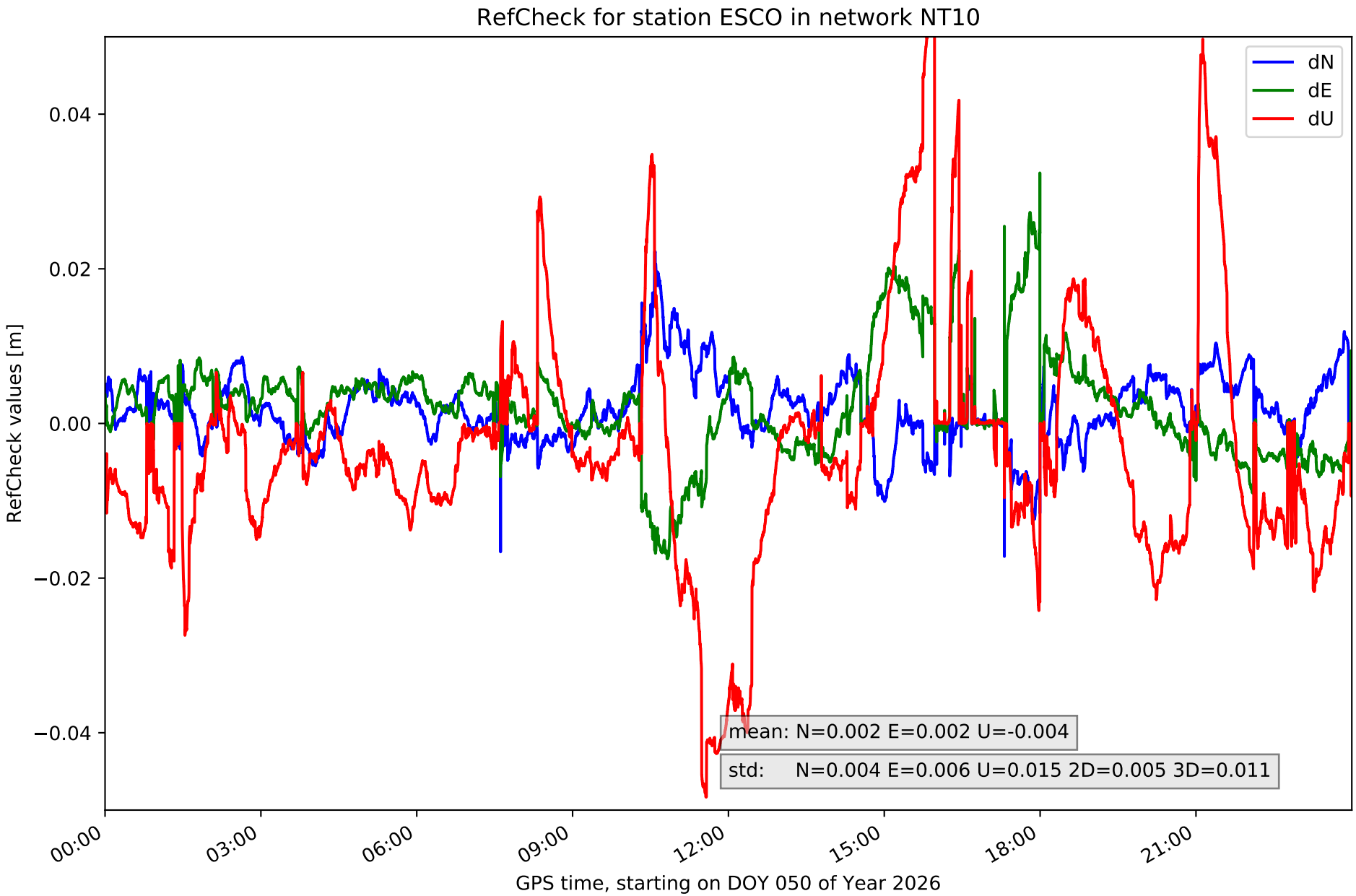

RefCheck for station BELL in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.002 U=0.007
std: N=0.003 E=0.004 U=0.011 2D=0.003 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

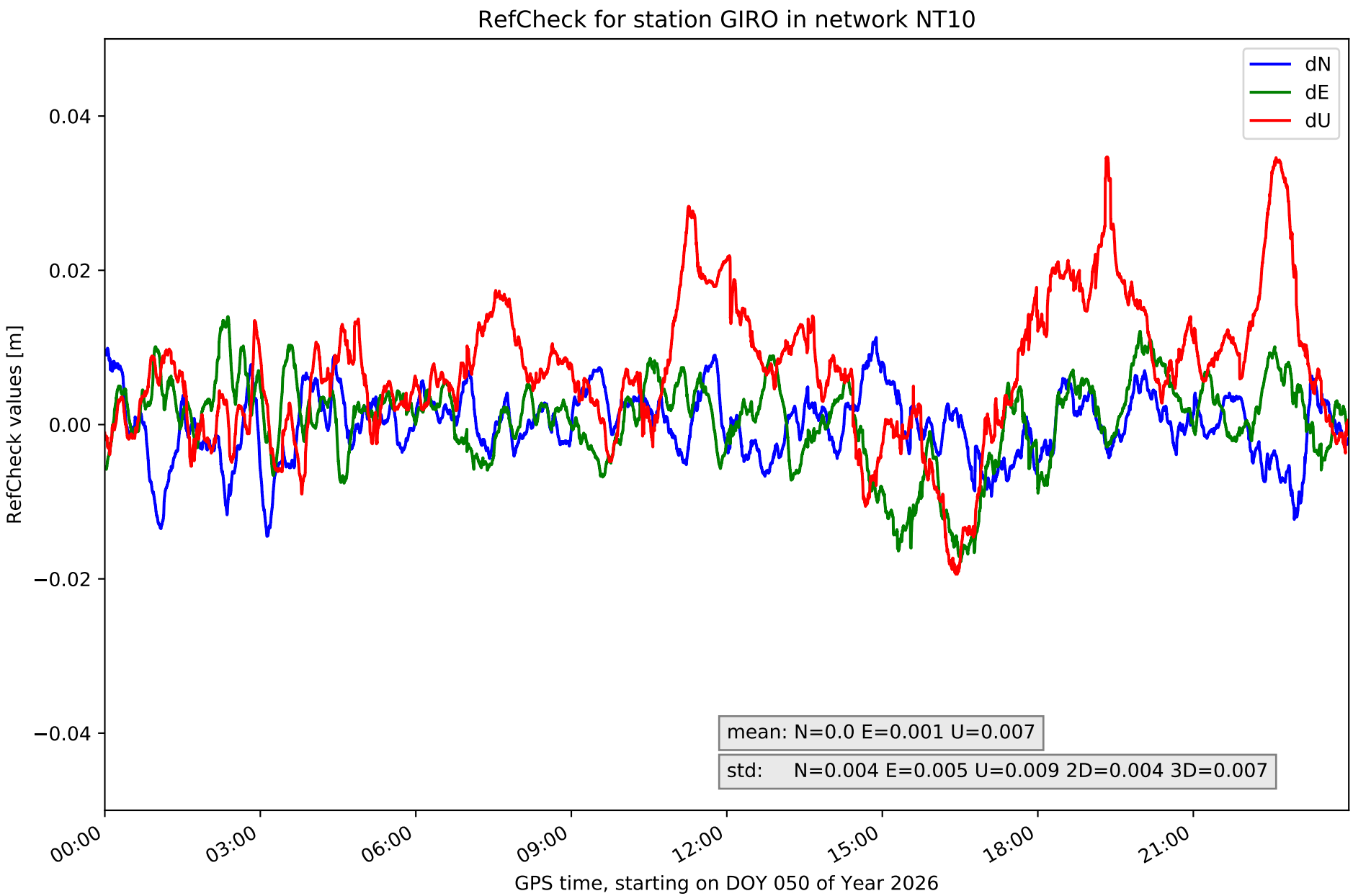

RefCheck for station BINE in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.002 U=-0.004
std: N=0.004 E=0.005 U=0.009 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

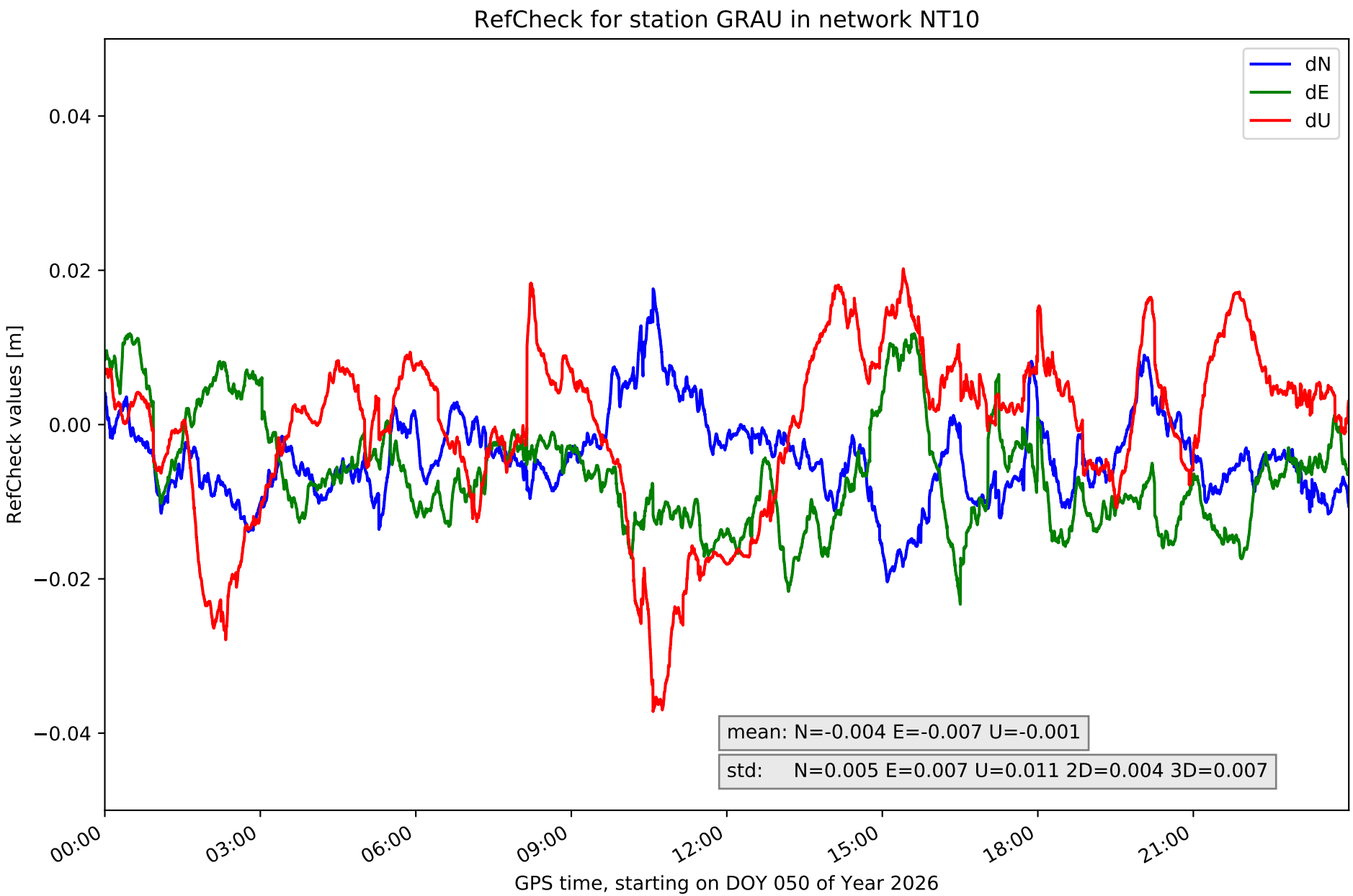

RefCheck for station CREU in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.005 U=0.007
std: N=0.007 E=0.006 U=0.009 2D=0.006 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

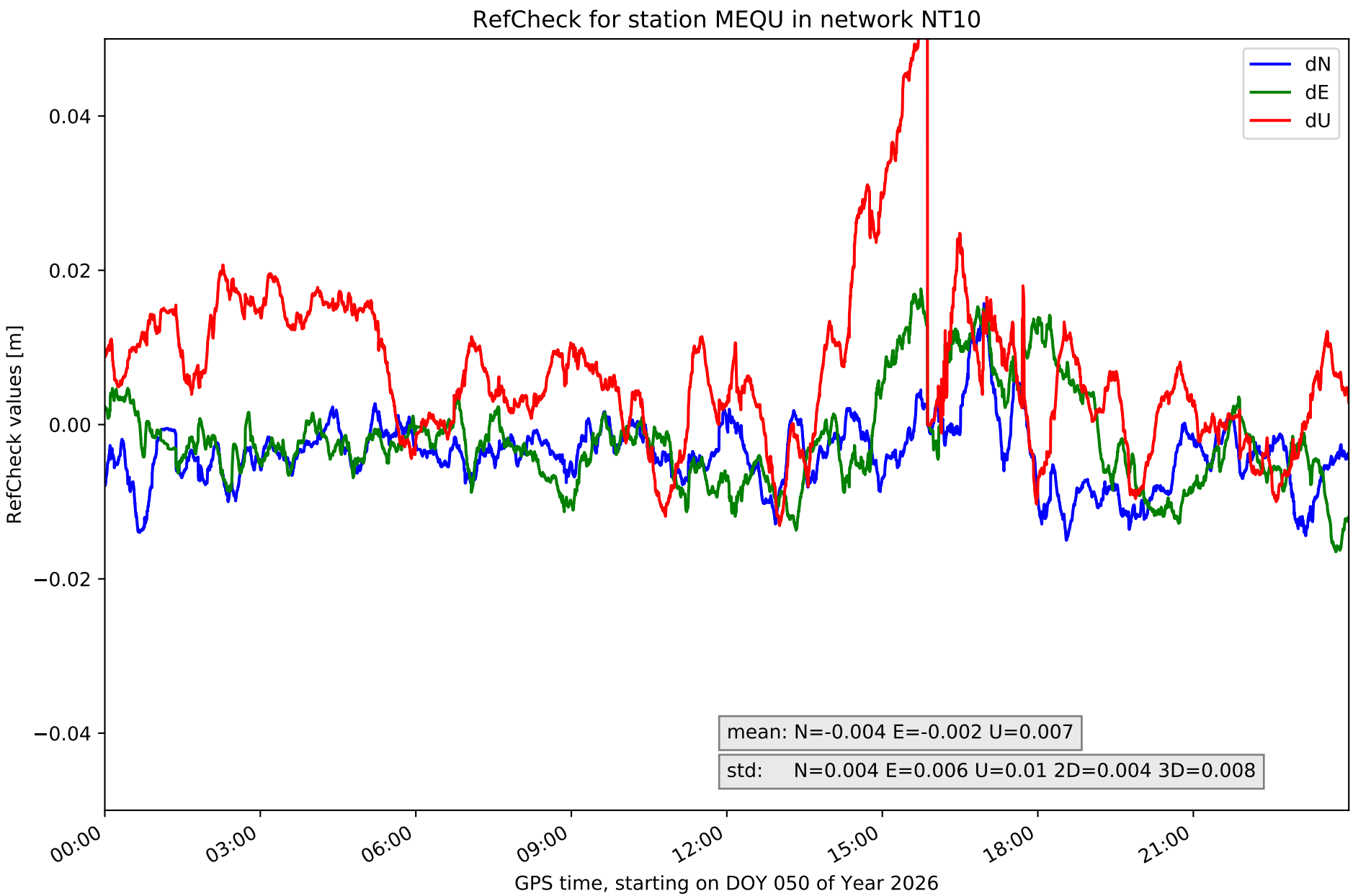

RefCheck for station EBRE in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=-0.002 U=-0.003
std: N=0.007 E=0.008 U=0.018 2D=0.005 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

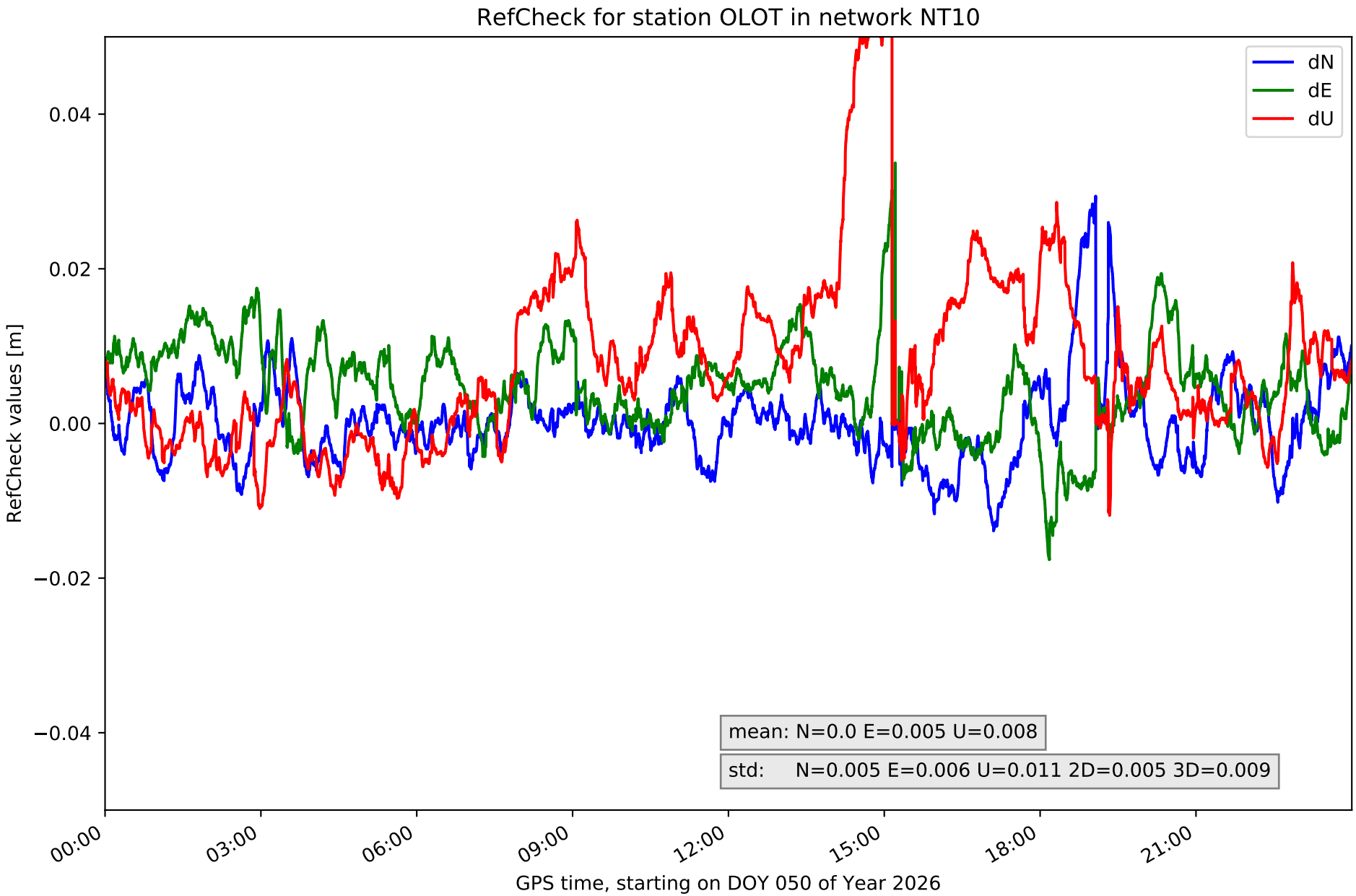

RefCheck for station EBRO in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.002 U=-0.005
std: N=0.006 E=0.006 U=0.017 2D=0.004 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

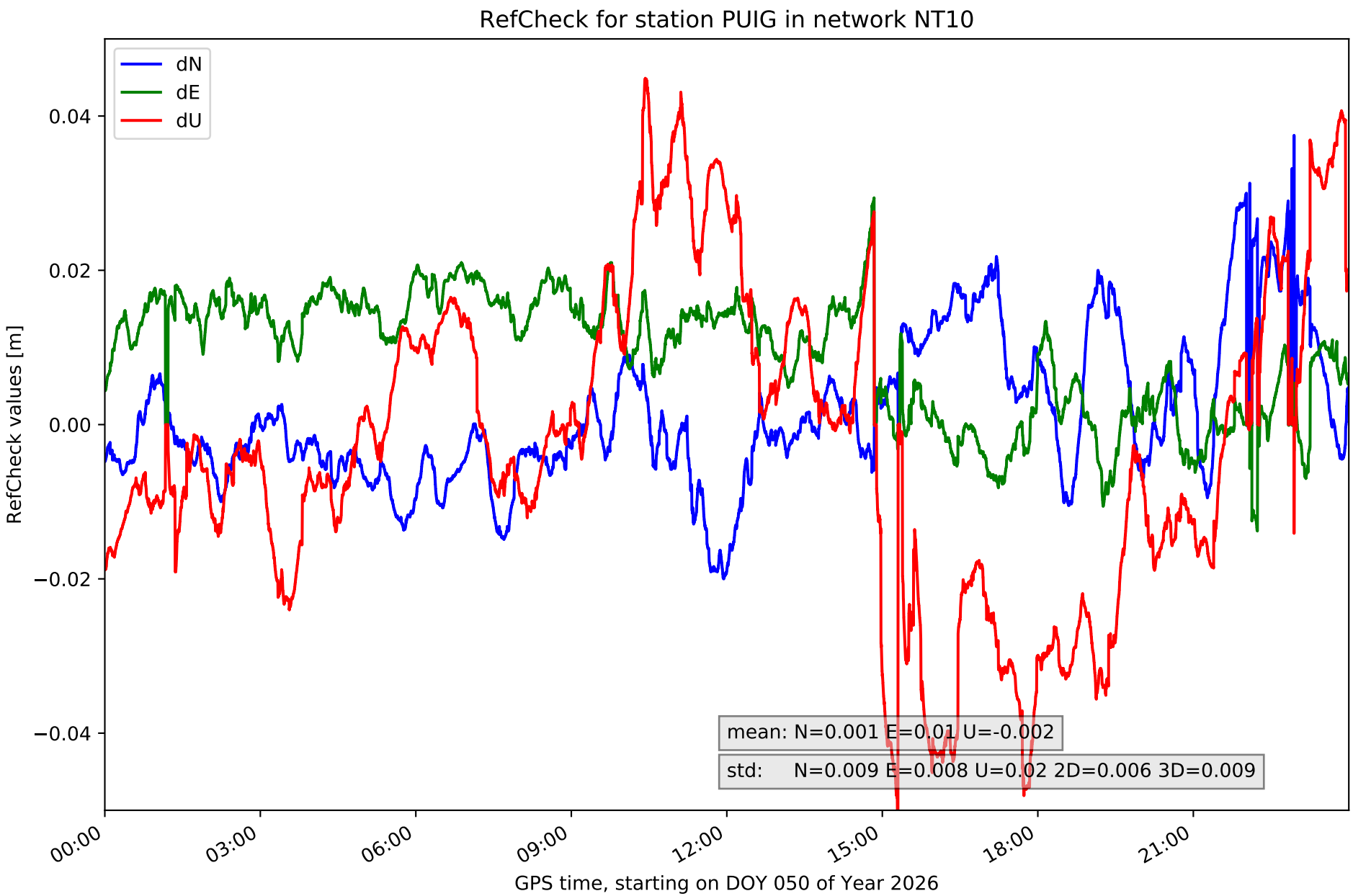

RefCheck for station ESCO in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.002 U=-0.004
std: N=0.004 E=0.006 U=0.015 2D=0.005 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

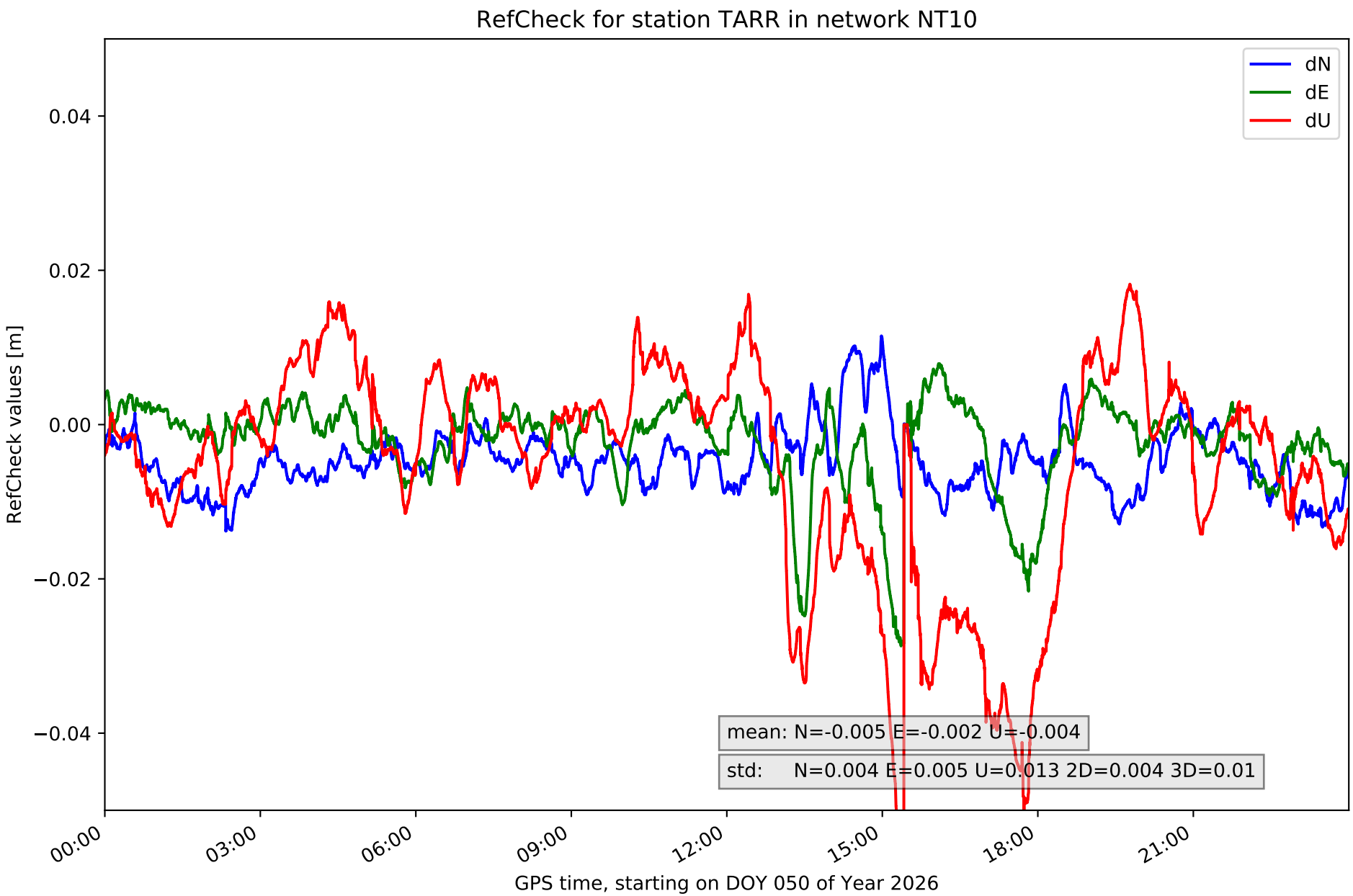

RefCheck for station GIRO in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.001 U=0.007
std: N=0.004 E=0.005 U=0.009 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

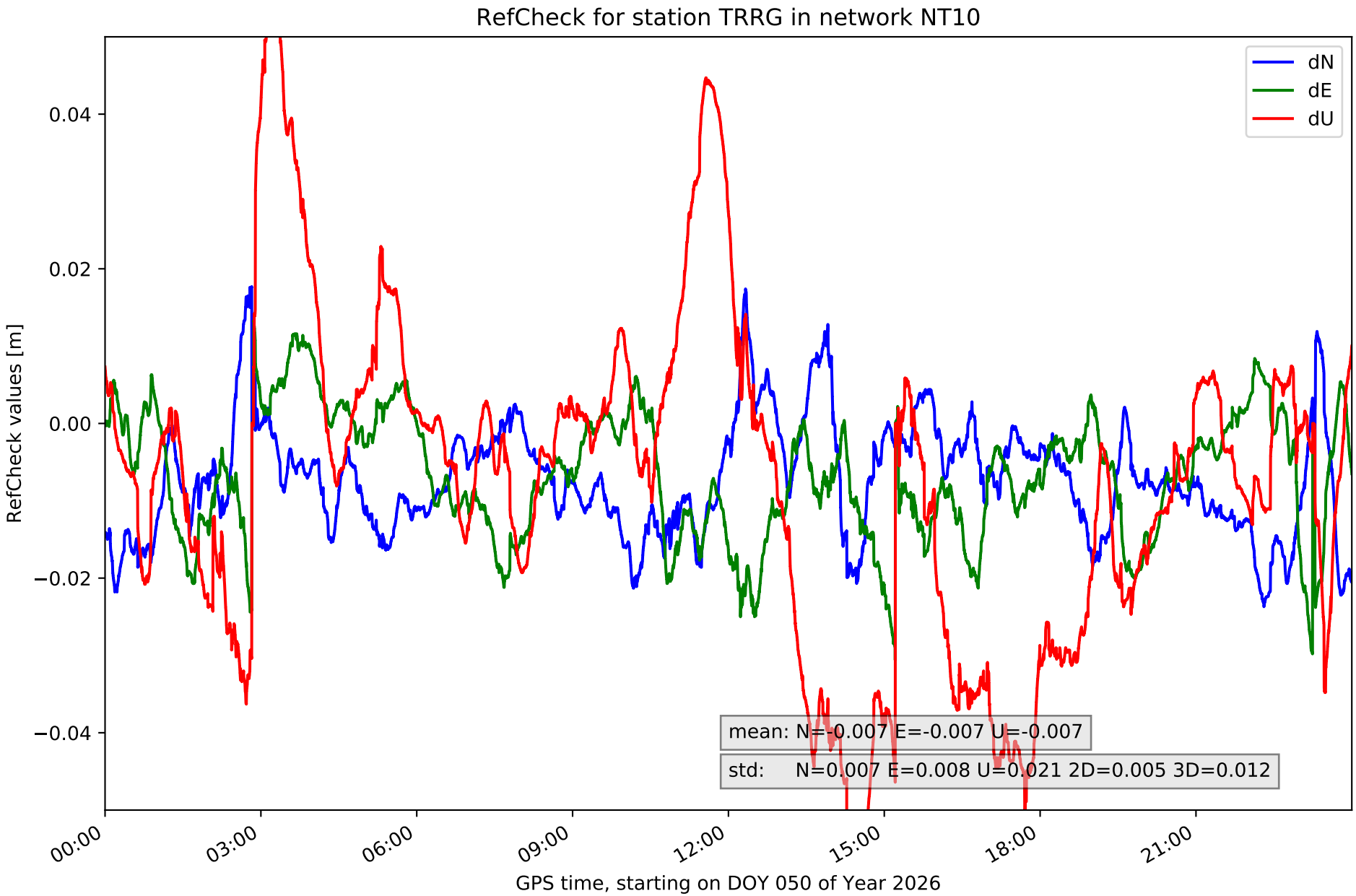

RefCheck for station GRAU in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.007 U=-0.001
std: N=0.005 E=0.007 U=0.011 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

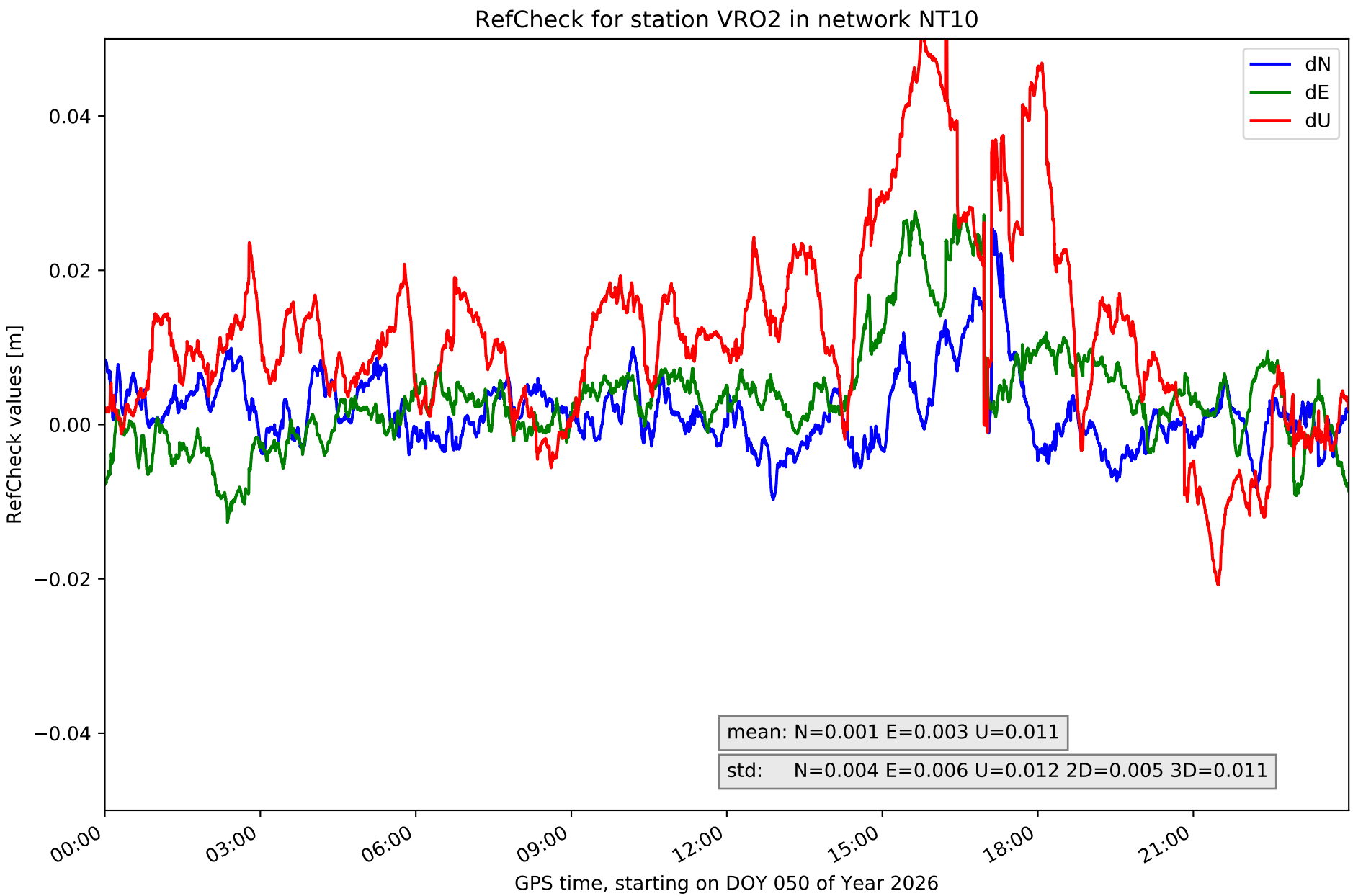

RefCheck for station MEQU in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.002 U=0.007
std: N=0.004 E=0.006 U=0.01 2D=0.004 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026


RefCheck for station OLOT in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.005 U=0.008
std: N=0.005 E=0.006 U=0.011 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 050 of Year 2026


RefCheck for station PUIG in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.01 U=-0.002
std: N=0.009 E=0.008 U=0.02 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 050 of Year 2026


RefCheck for station TARR in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.002 U=-0.004
std: N=0.004 E=0.005 U=0.013 2D=0.004 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026


RefCheck for station TRRG in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=-0.007 U=-0.007
std: N=0.007 E=0.008 U=0.021 2D=0.005 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026


RefCheck for station VRO2 in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.003 U=0.011
std: N=0.004 E=0.006 U=0.012 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 050 of Year 2026

RefCheck values for network NT10

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
BCL1	-0.019	0.012	0.004	**-0.045**	0.017	**0.008**	**-0.06**	0.019	0.014	0.005	0.01	34995	43.3	22802	28.2
BCLN	-0.017	0.012	0.005	-0.03	0.005	0.005	-0.026	0.021	0.01	0.005	0.005	22246	27.5	5412	6.7
BELL	-0.009	0.009	0.003	-0.024	0.011	0.004	-0.039	0.029	0.011	0.003	0.007	2390	3.0	9426	11.7
BINE	-0.021	0.011	0.004	-0.012	0.021	0.005	-0.022	0.057	0.009	0.004	0.006	21936	27.1	4728	5.9
CREU	**-0.029**	0.011	0.007	-0.019	0.023	0.006	-0.014	0.037	0.009	**0.006**	0.007	24680	30.5	14671	18.2
EBRE	-0.016	0.027	0.007	-0.029	0.022	**0.008**	-0.041	**0.061**	0.018	0.005	0.009	53255	65.9	38132	47.2
EBRO	-0.016	0.014	0.006	-0.02	0.014	0.006	-0.051	0.026	0.017	0.004	0.011	23174	28.7	20182	25.0
ESCO	-0.017	0.022	0.004	-0.018	0.032	0.006	-0.048	0.055	0.015	0.005	0.011	11979	14.8	16267	20.1
GIRO	-0.015	0.011	0.004	-0.018	0.014	0.005	-0.019	0.035	0.009	0.004	0.007	10835	13.4	10099	12.5
GRAU	-0.02	0.018	0.005	-0.023	0.012	0.007	-0.037	0.02	0.011	0.004	0.007	45355	56.1	18243	22.6
MEQU	-0.015	0.016	0.004	-0.017	0.018	0.006	-0.013	0.06	0.01	0.004	0.008	21792	27.0	6639	8.2
OLOT	-0.014	0.029	0.005	-0.018	**0.034**	0.006	-0.012	0.053	0.011	0.005	0.009	21058	26.1	12624	15.6
PUIG	-0.02	**0.037**	**0.009**	-0.014	0.029	**0.008**	-0.052	0.045	0.02	**0.006**	0.009	63302	78.3	42553	52.7
TARR	-0.014	0.011	0.004	-0.029	0.008	0.005	**-0.06**	0.018	0.013	0.004	0.01	17304	21.4	11414	14.1
TRRG	-0.024	0.018	0.007	-0.031	0.013	**0.008**	-0.059	0.057	**0.021**	0.005	**0.012**	**63317**	**78.4**	**43611**	**54.0**
VRO2	-0.01	0.025	0.004	-0.013	0.028	0.006	-0.021	0.052	0.012	0.005	0.011	12048	14.9	14288	17.7
Mean	**-0.017**	**0.018**	**0.005**	**-0.022**	**0.019**	**0.006**	**-0.036**	**0.04**	**0.013**	**0.005**	**0.009**	**28104.1**	**34.8**	**18193.2**	**22.5**
Min/Max	**-0.029**	**0.037**	**0.009**	**-0.045**	**0.034**	**0.008**	**-0.06**	**0.061**	**0.021**	**0.006**	**0.012**	**63317**	**78.4**	**43611**	**54.0**

fixing statistic for network NT10

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	91.7	93.0	92.0	94.1	87.5
considering satellites with dual-frequency fixed	87.9	89.0	87.2	89.9	84.4
considering all signals separately	88.0	88.9	87.2	90.2	83.7