summary for network NET2

timeperiod chosen: from 2024-08-11-00:00:00 until 2024-08-11-23:59:58

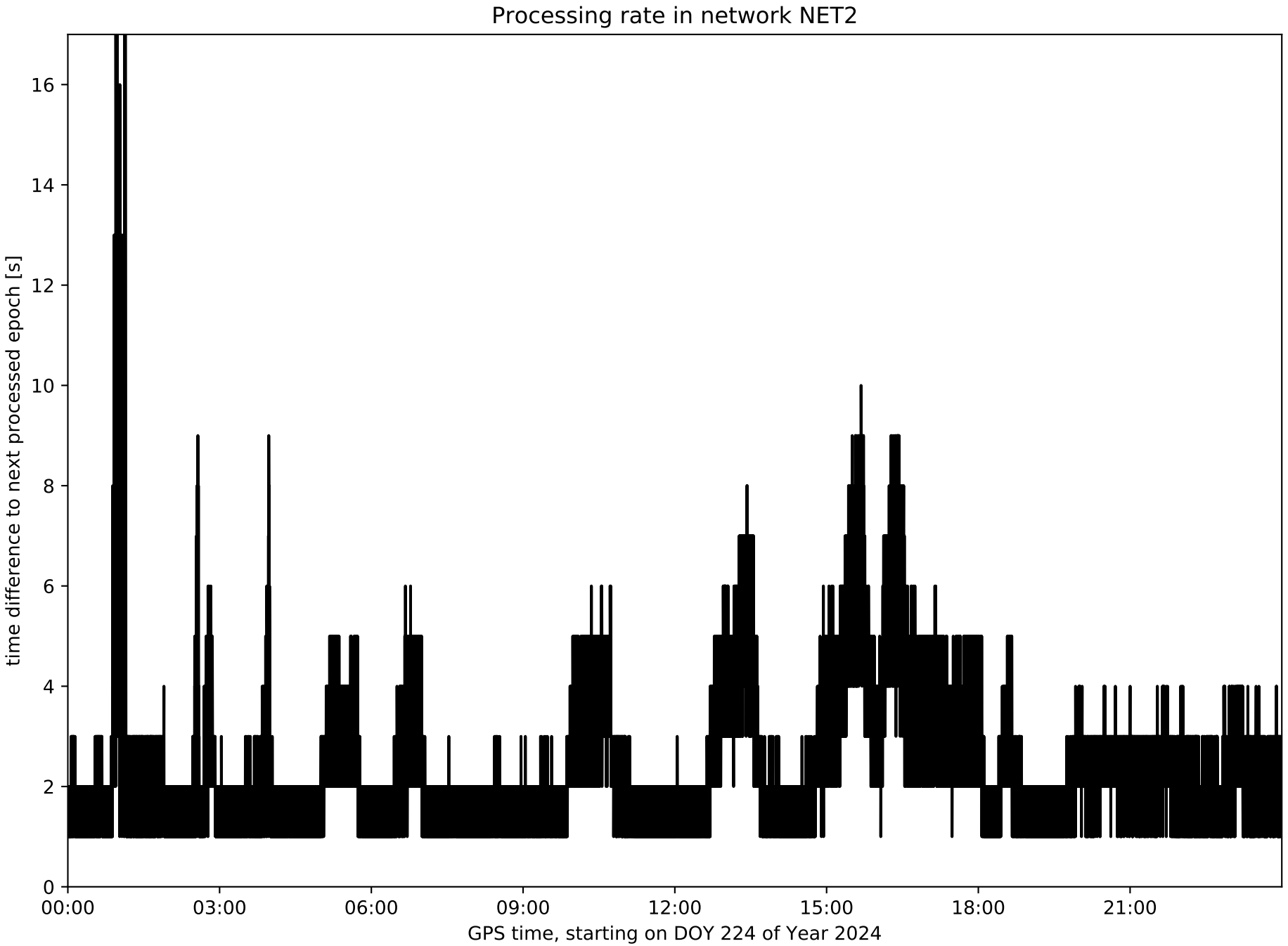
average update rate (durations larger than 15 seconds considered as observation gap): 1.7 seconds

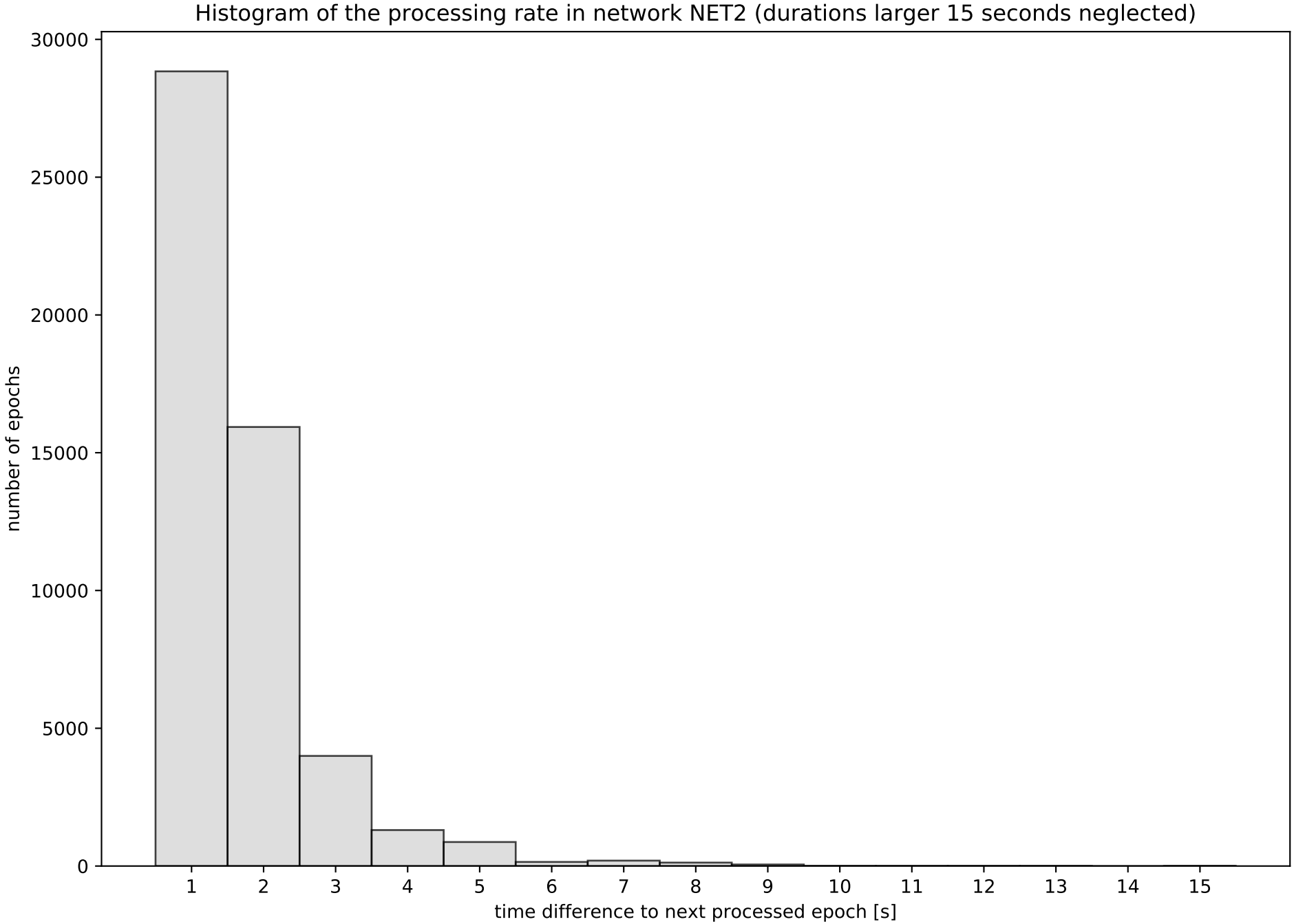
average fixing percentage with threshold set to 0.3: 91.4 percent

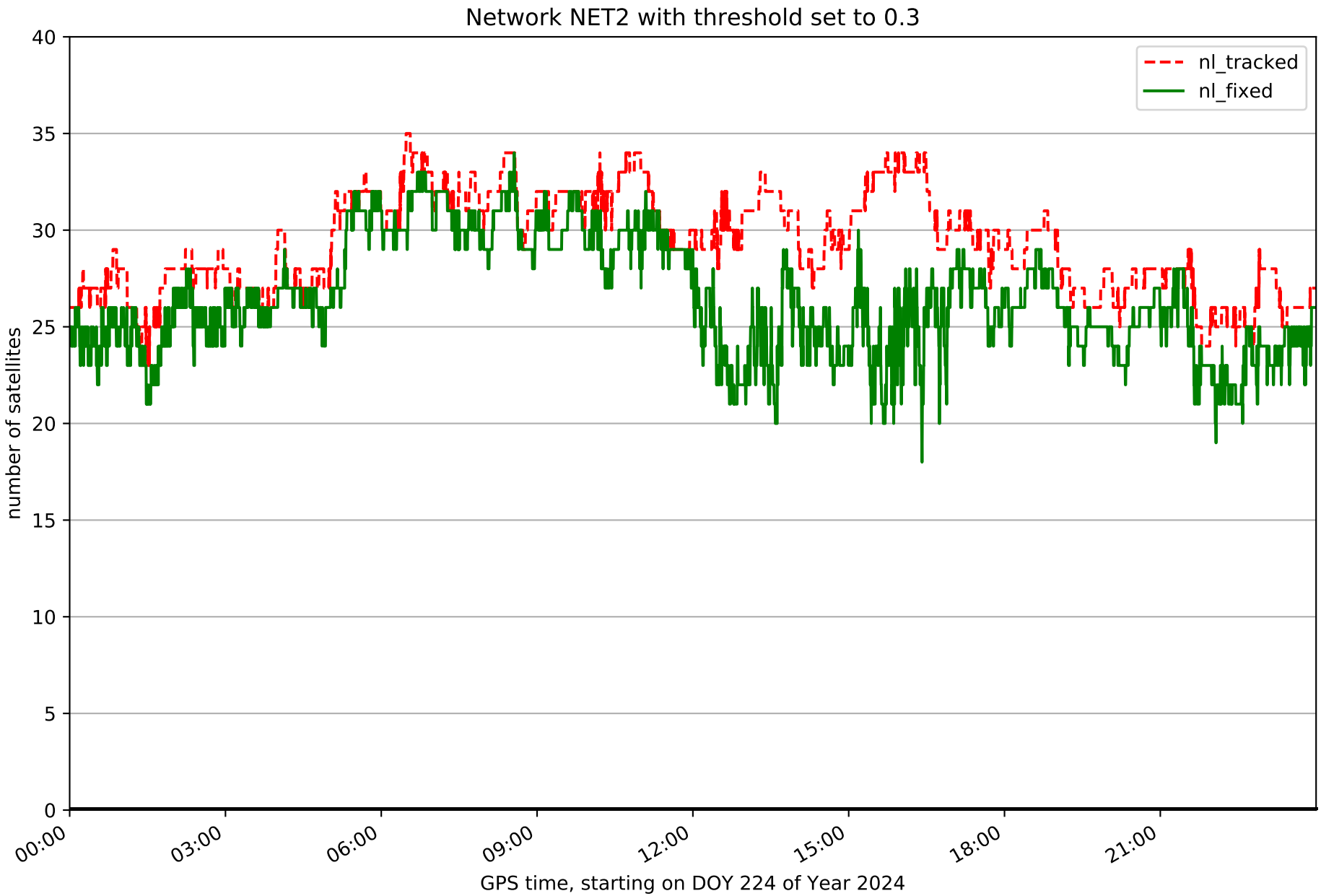
stations available: 19 of 19

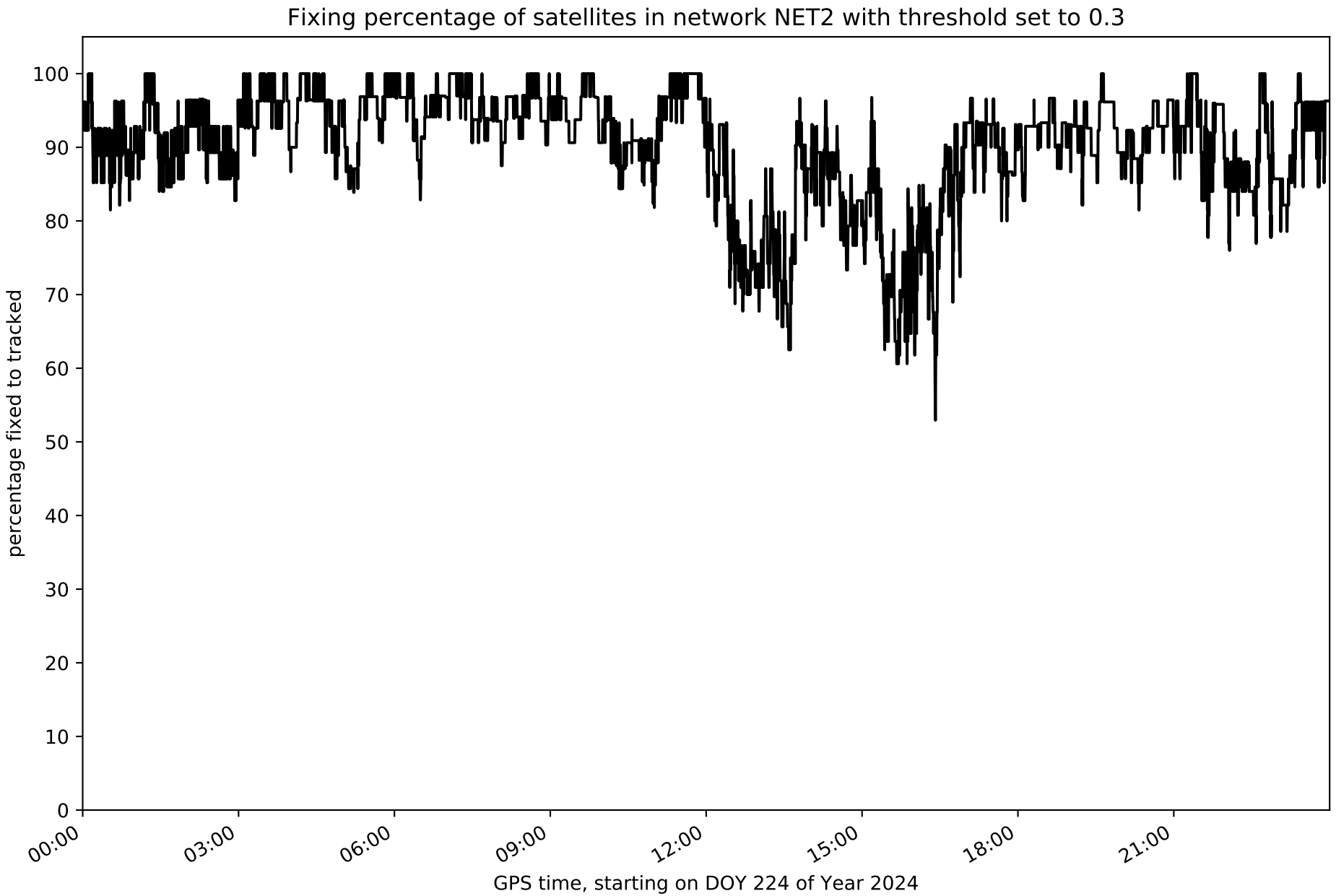
station information:

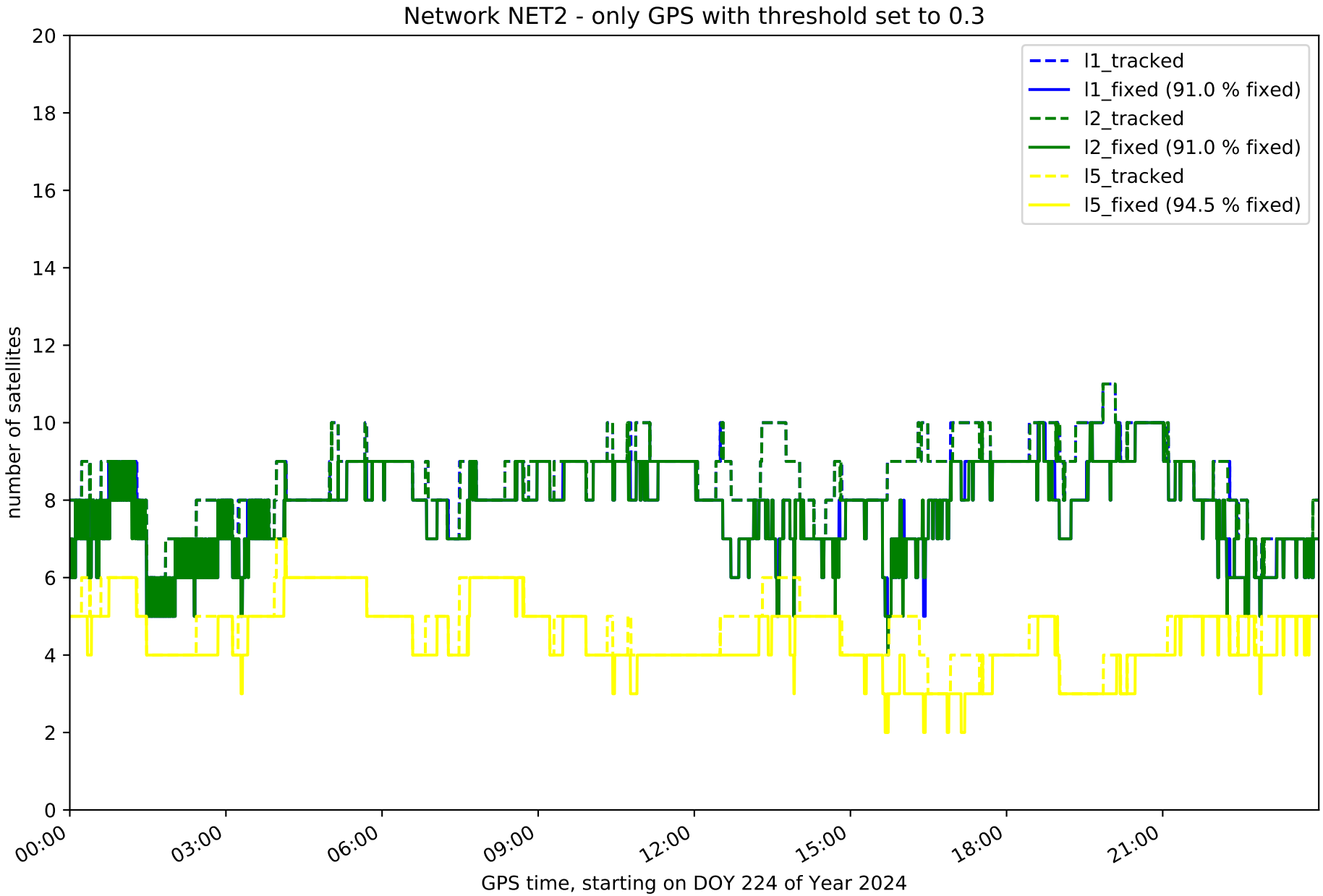
station AMA1:	antenna: GPPNULLANTENNA NONE	receiver: SEPT POLARX5	height: 266.12
station BADJ:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 250.011
station BEJR:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1095.149
station CACE:	antenna: TRM29659.00 NONE	receiver: TRIMBLE NETR9	height: 436.561
station CATU:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 538.709
station CDRD:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 679.356
station CORI:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 298.518
station HERR:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 478.962
station JERE:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 502.048
station LLER:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 697.642
station MEDA:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 289.946
station NAVA:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 351.596
station POZO:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 736.051
station SPAB:	antenna: TPSCR.G5 TPSH	receiver: TPS NET-G5	height: 1006.147
station TALR:	antenna: TRM57971.00 TZGD	receiver: TRIMBLE NETR9	height: 498.969
station TALV:	antenna: TPSCR.G5 TPSH	receiver: TPS NET-G5	height: 458.35
station TRUJ:	antenna: GPPNULLANTENNA NONE	receiver: Geo++ GNSMART (GLO+GAL)	height: 555.572
station VALC:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 529.983
station ZFRA:	antenna: LEIAR25.R3 LEIT	receiver: LEICA GR25	height: 587.49

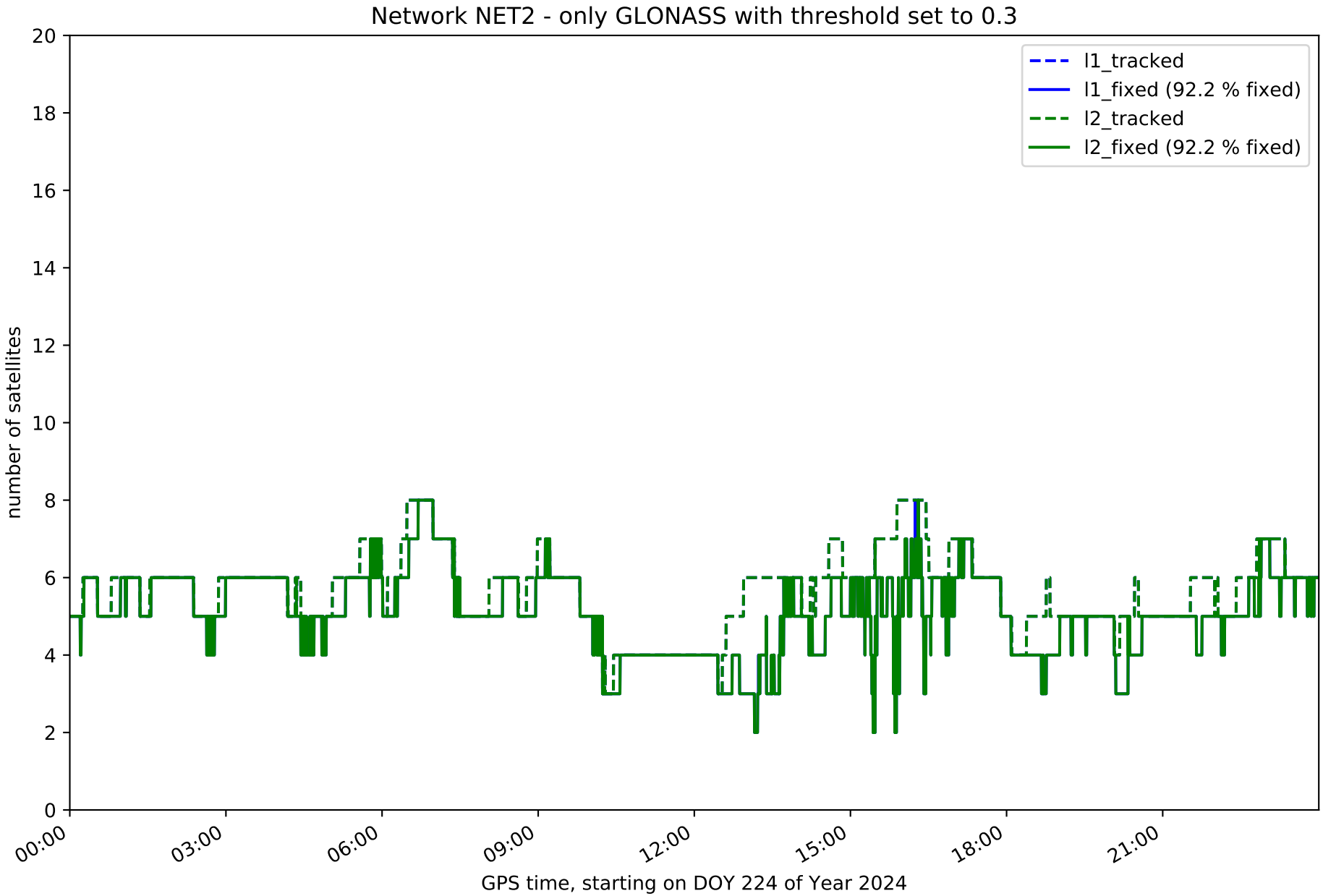

Processing rate in network NET2
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

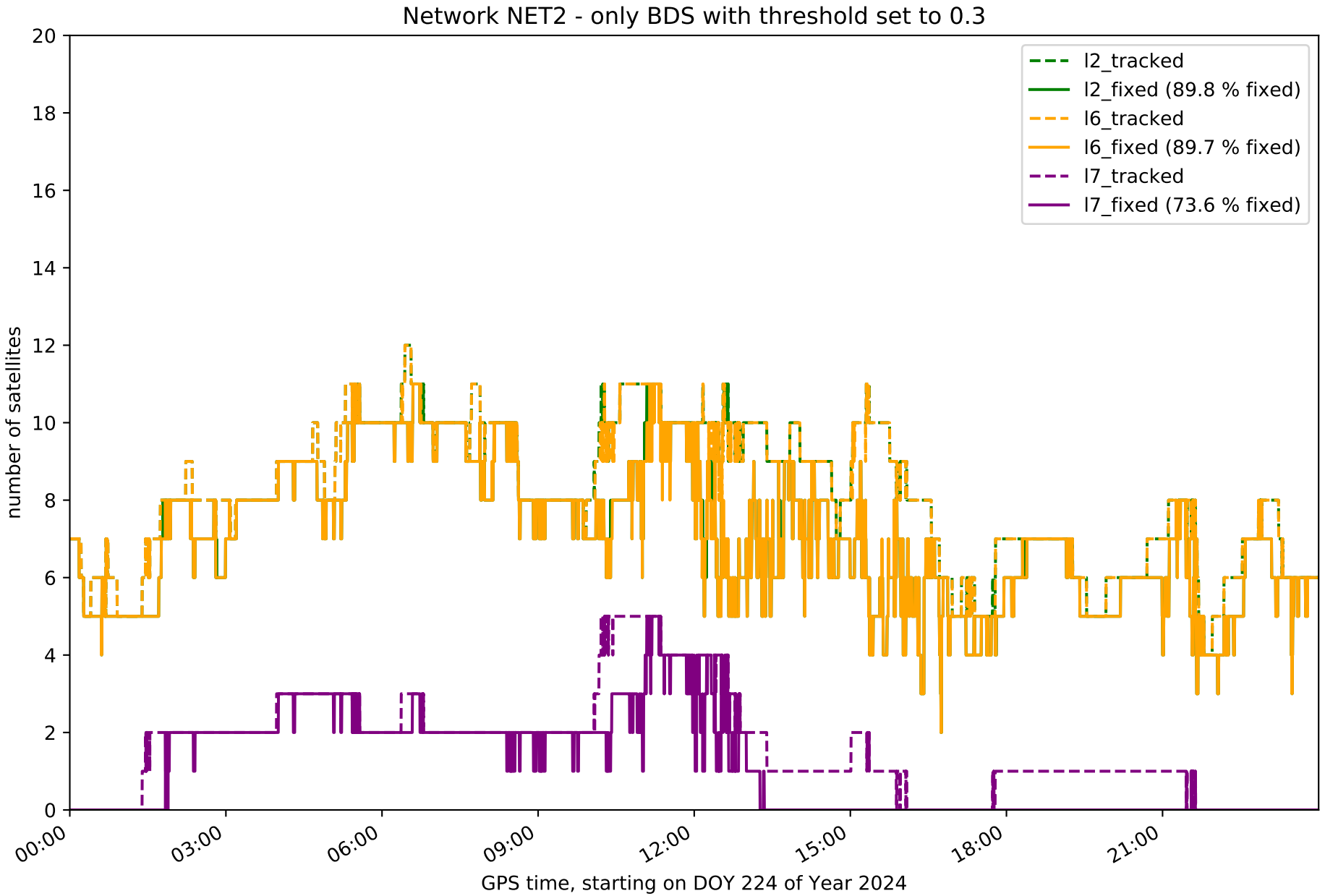

Histogram of the processing rate in network NET2 (durations larger 15 seconds neglected)
number of epochs
30000
25000
20000
15000
10000
5000
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
time difference to next processed epoch [s]

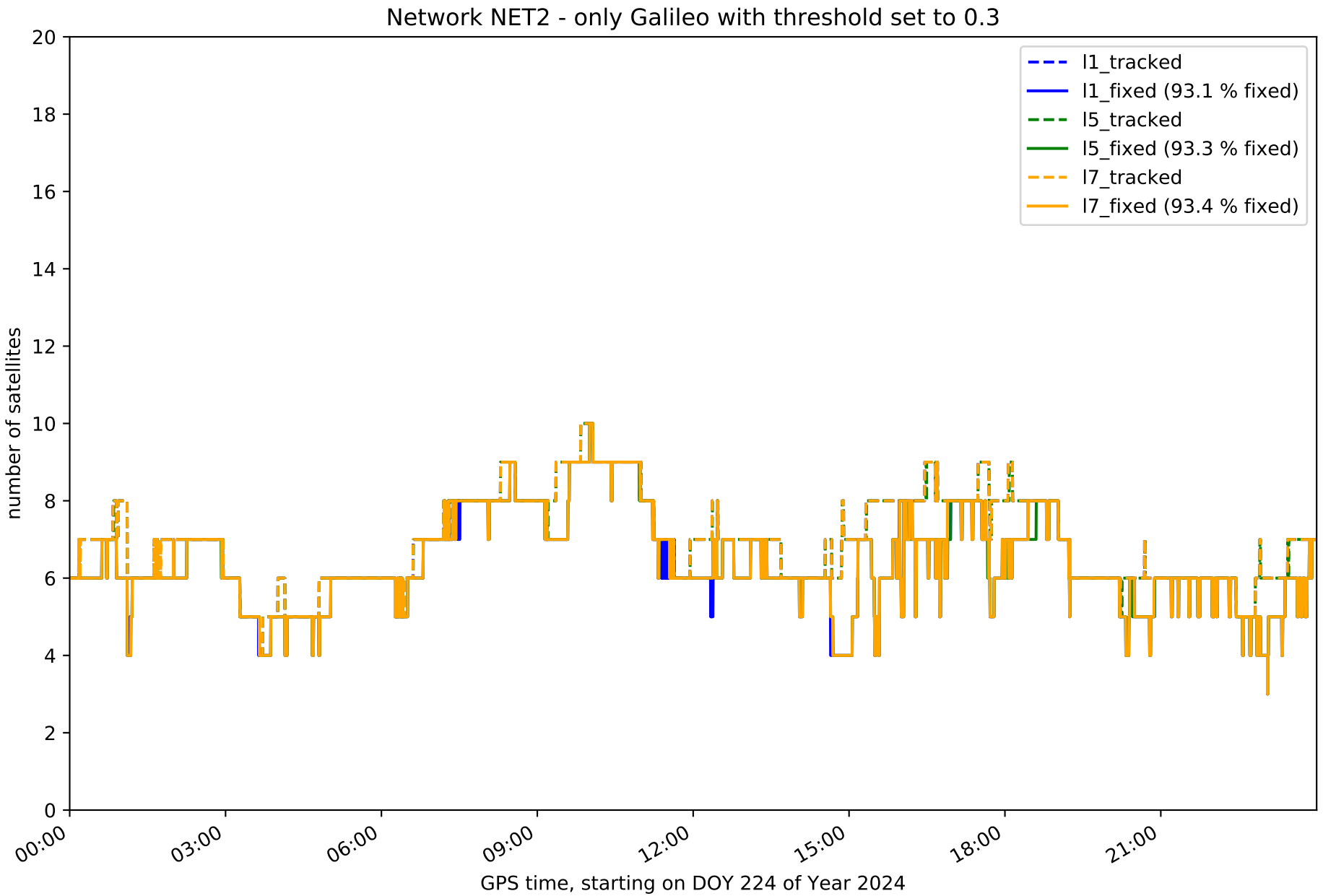

Network NET2 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

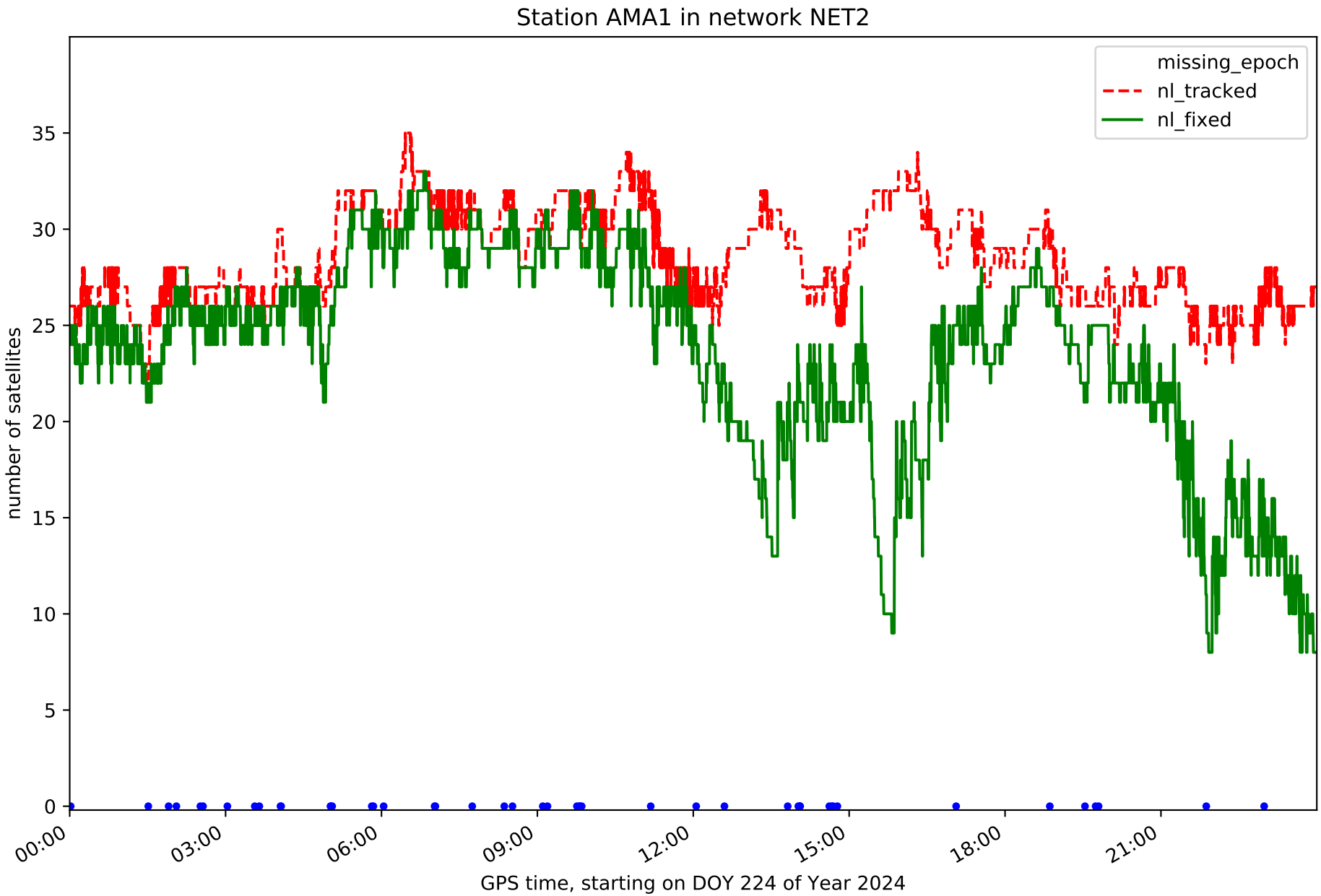

Fixing percentage of satellites in network NET2 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

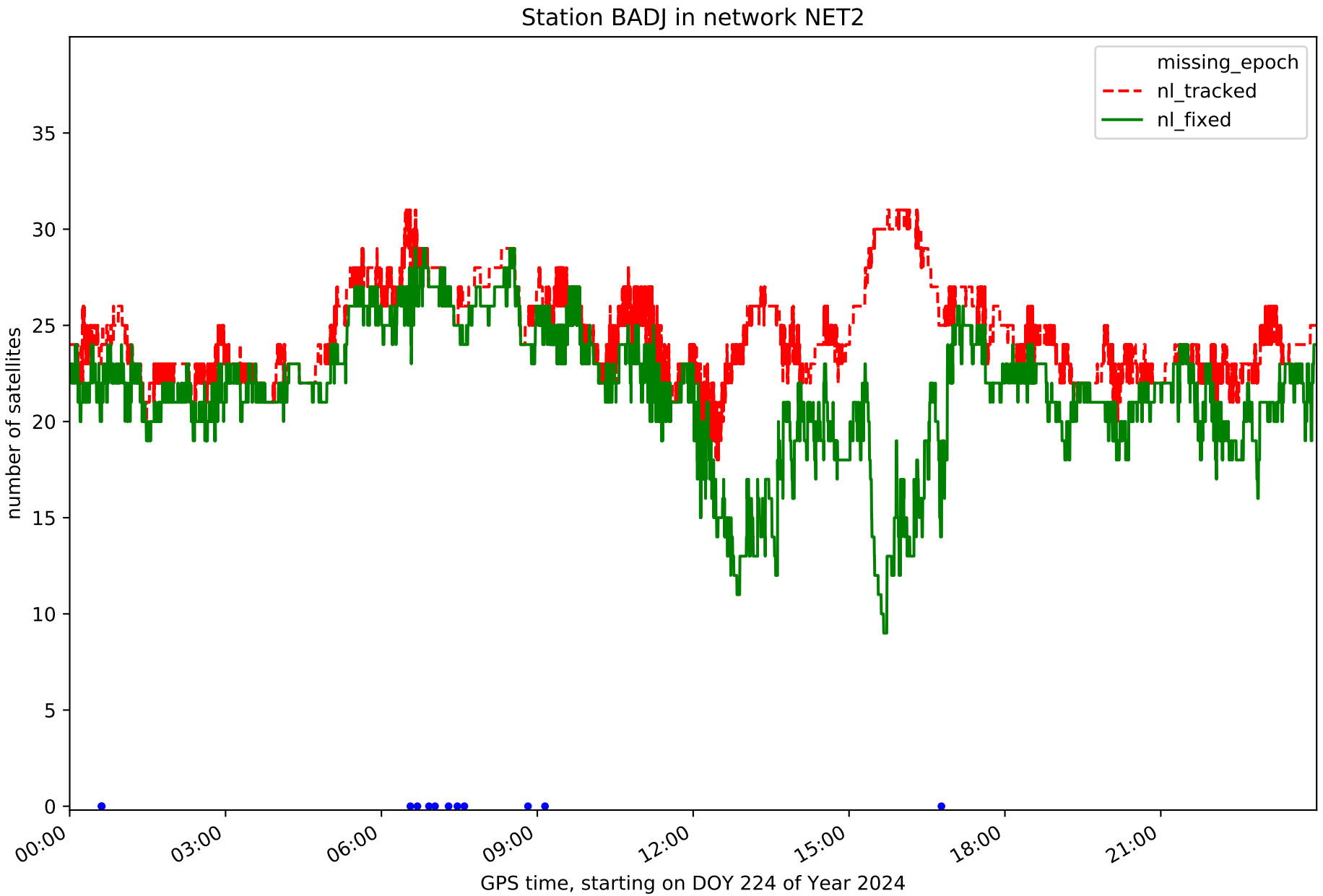

Network NET2 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 224 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (91.0 % fixed)
l2_tracked
l2_fixed (91.0 % fixed)
l5_tracked
l5_fixed (94.5 % fixed)

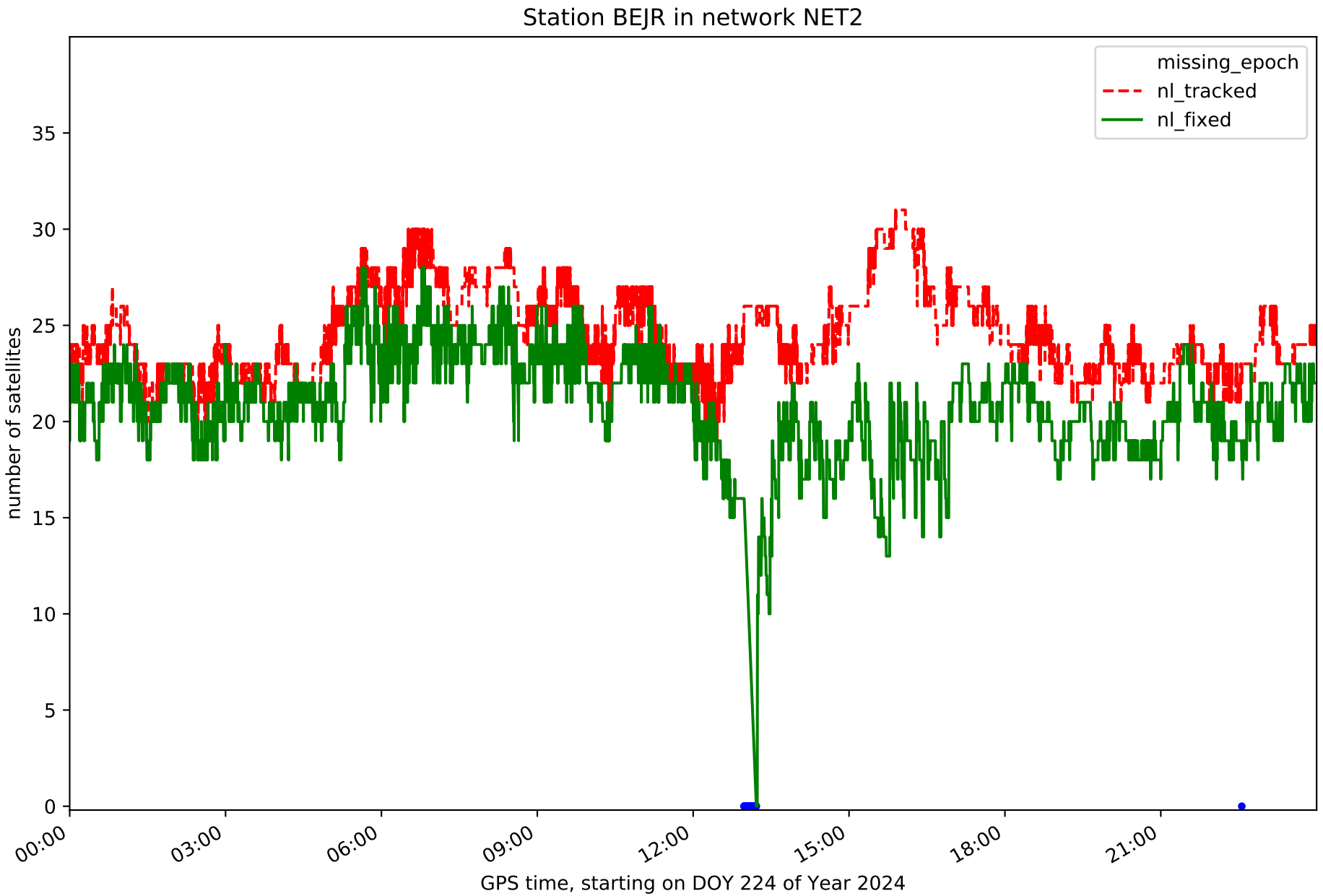

Network NET2 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (92.2 % fixed)
l2_tracked
l2_fixed (92.2 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

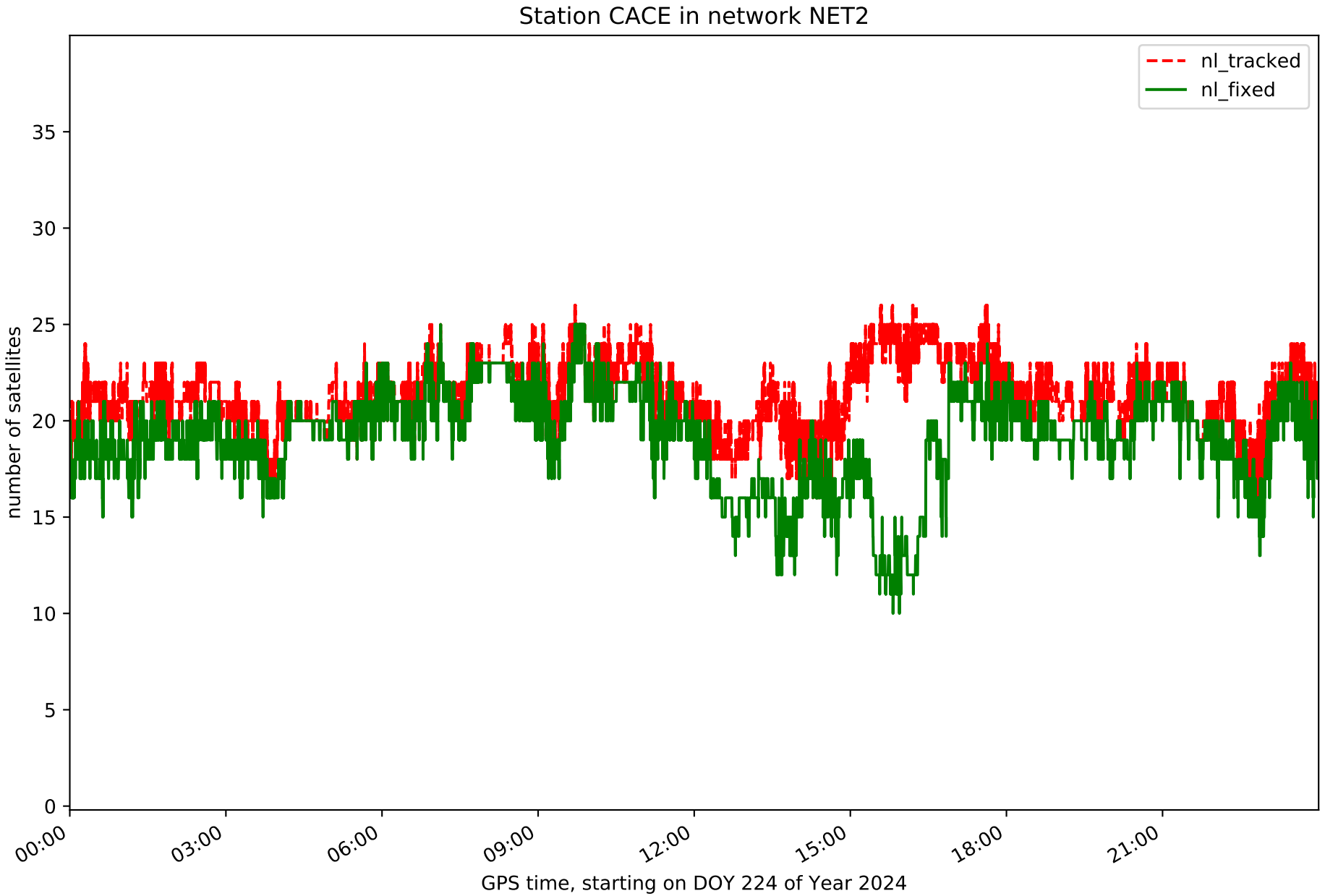

Network NET2 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 224 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (89.8 % fixed)
I6_tracked
I6_fixed (89.7 % fixed)
I7_tracked
I7_fixed (73.6 % fixed)

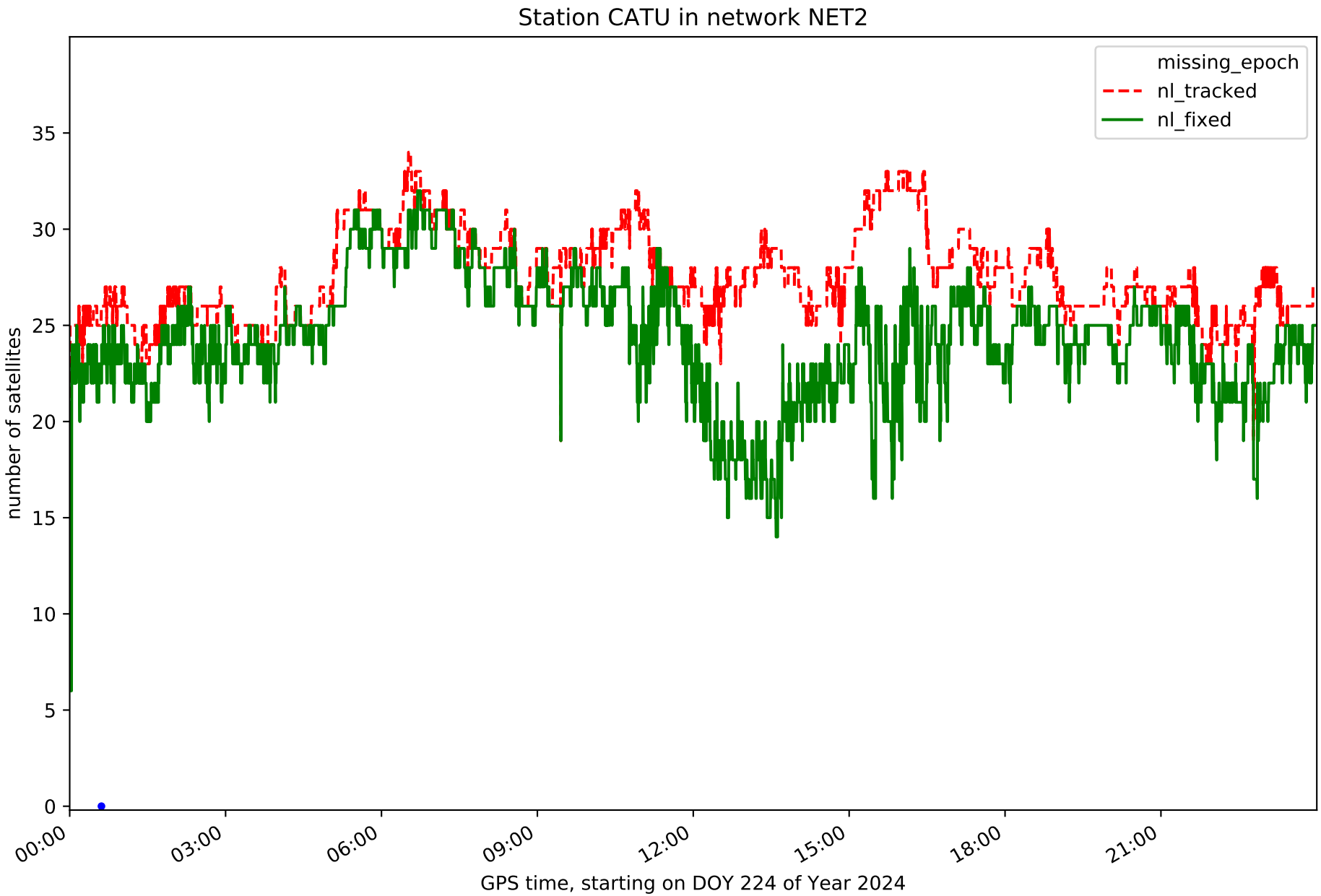

Network NET2 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 224 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (93.1 % fixed)
l5_tracked
l5_fixed (93.3 % fixed)
l7_tracked
l7_fixed (93.4 % fixed)

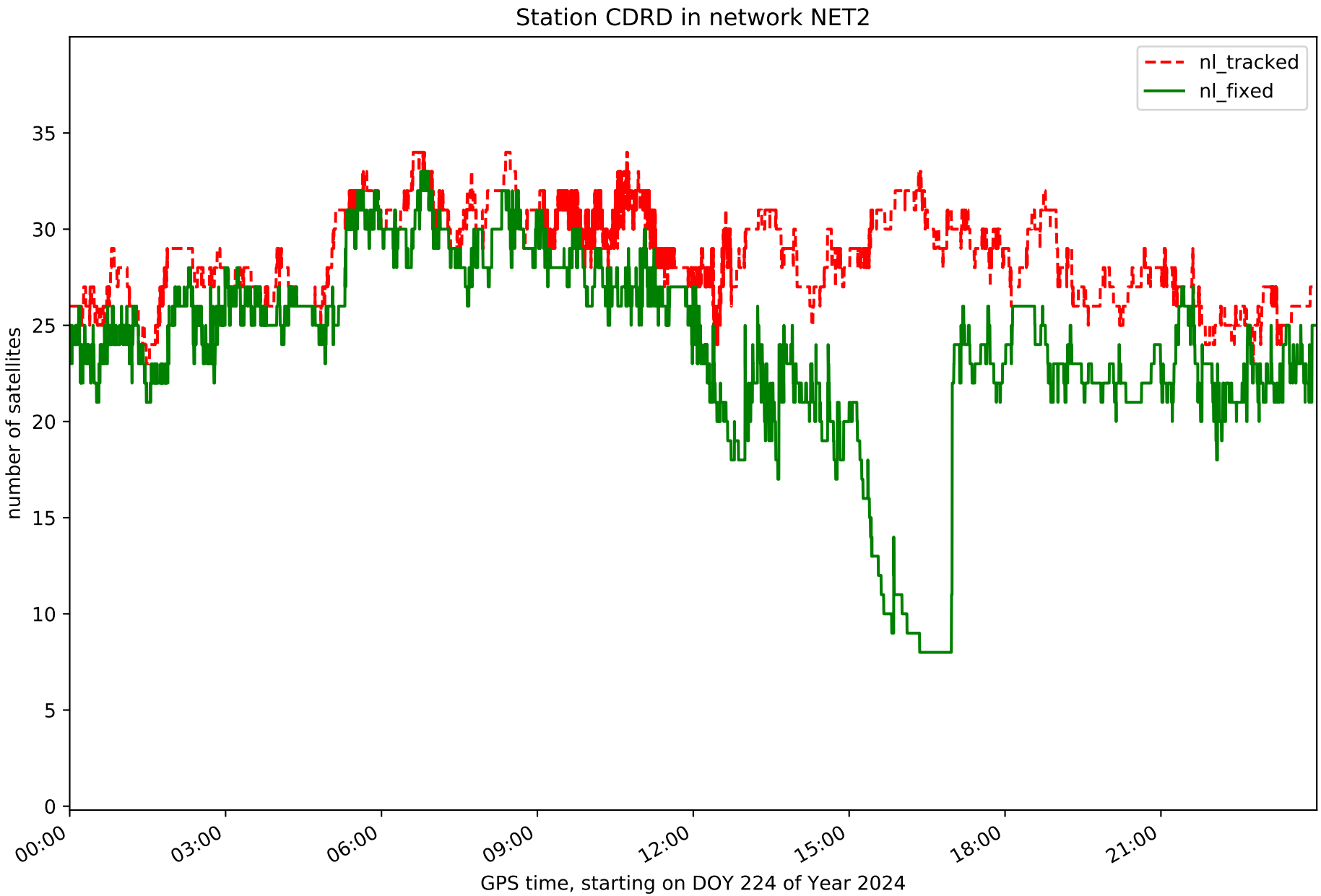

Station AMA1 in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

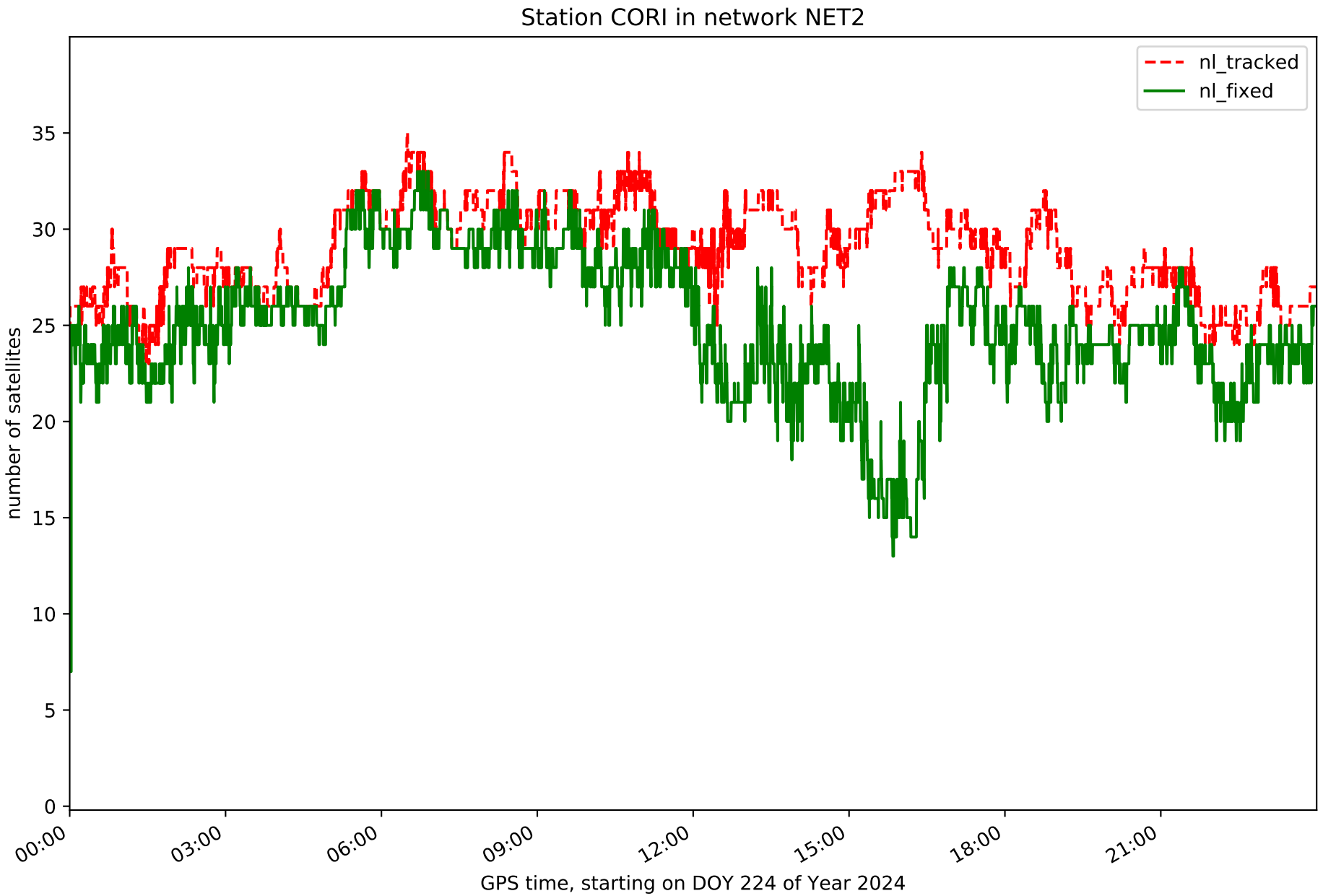

Station BADJ in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

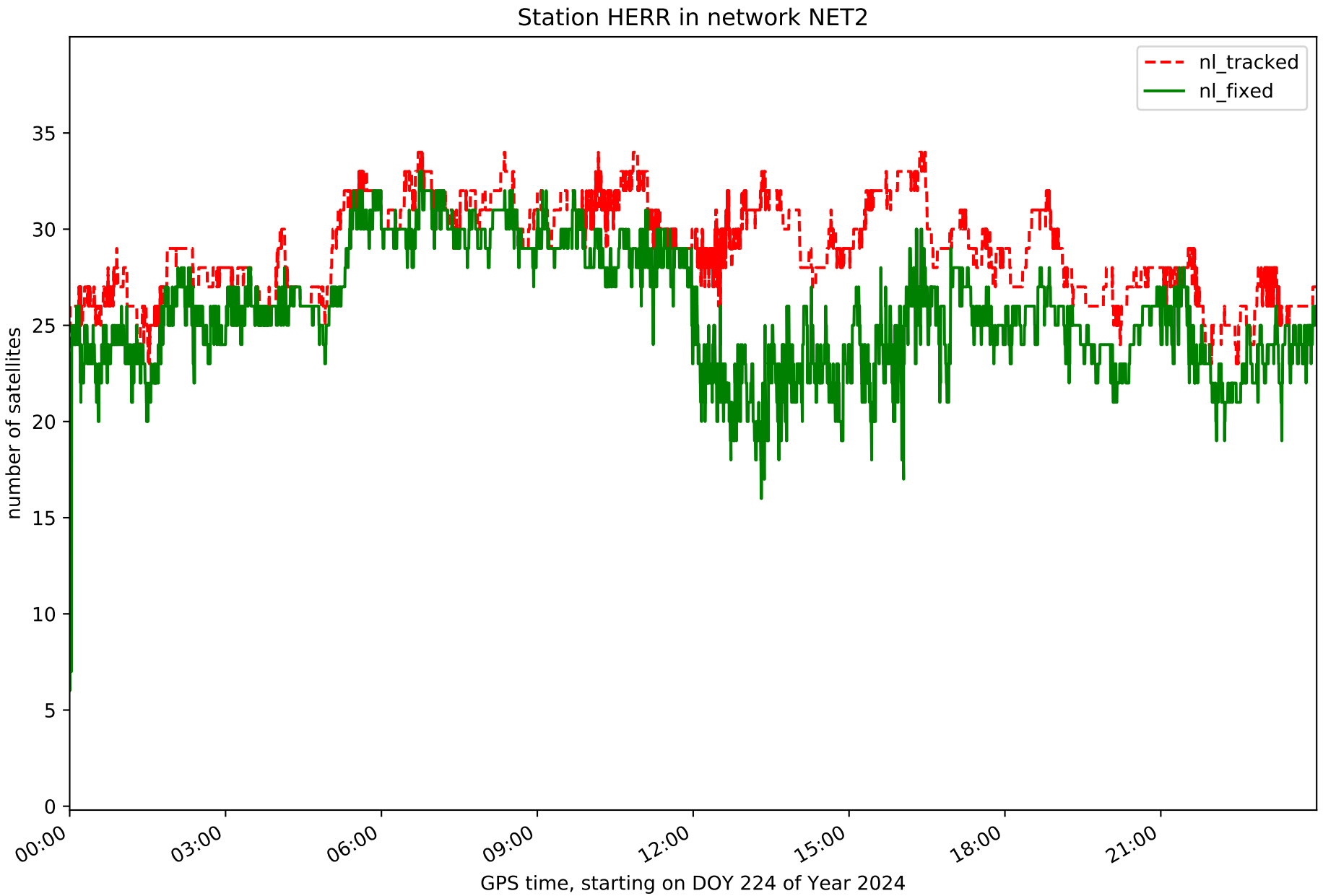

Station BEJR in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

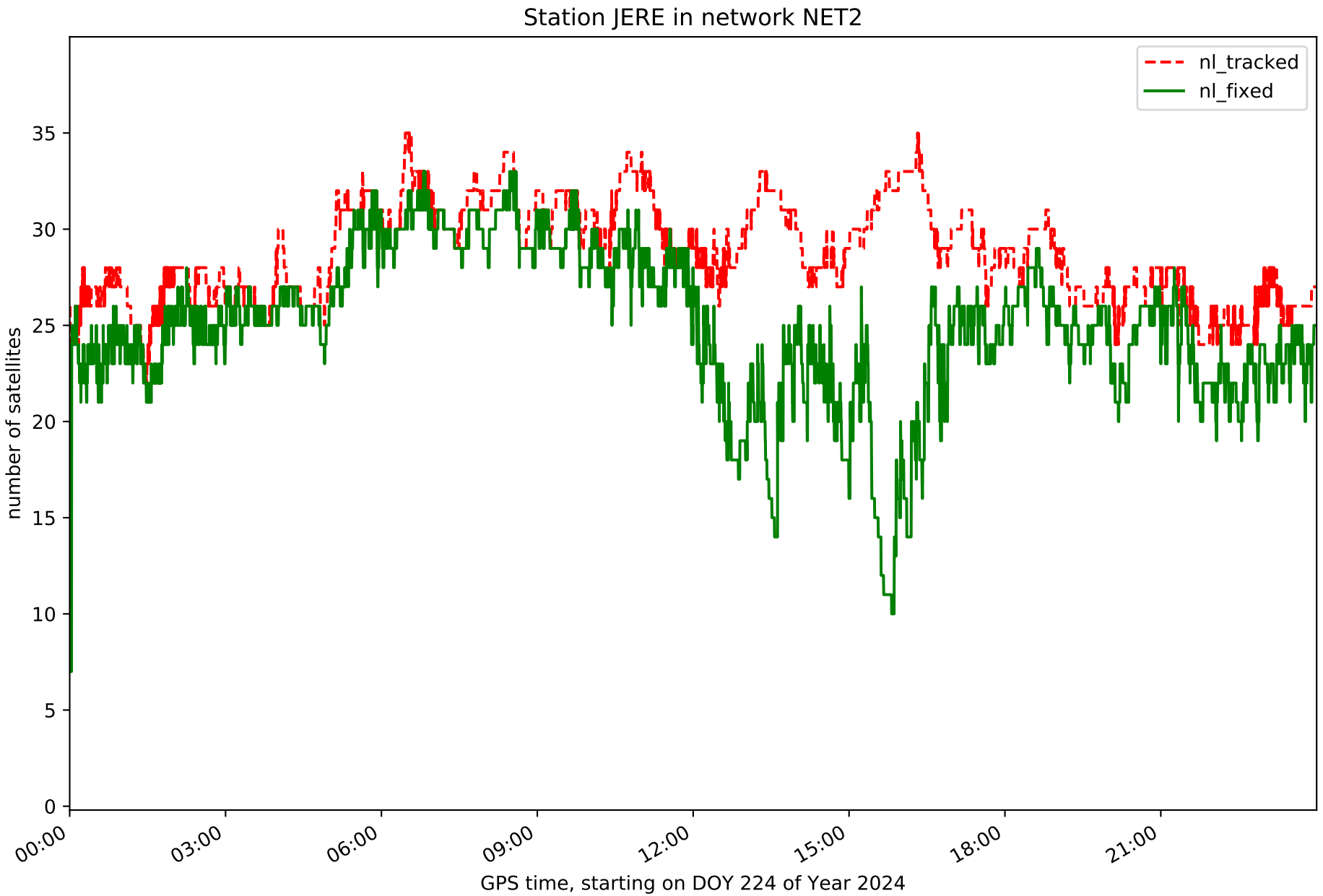

Station CACE in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

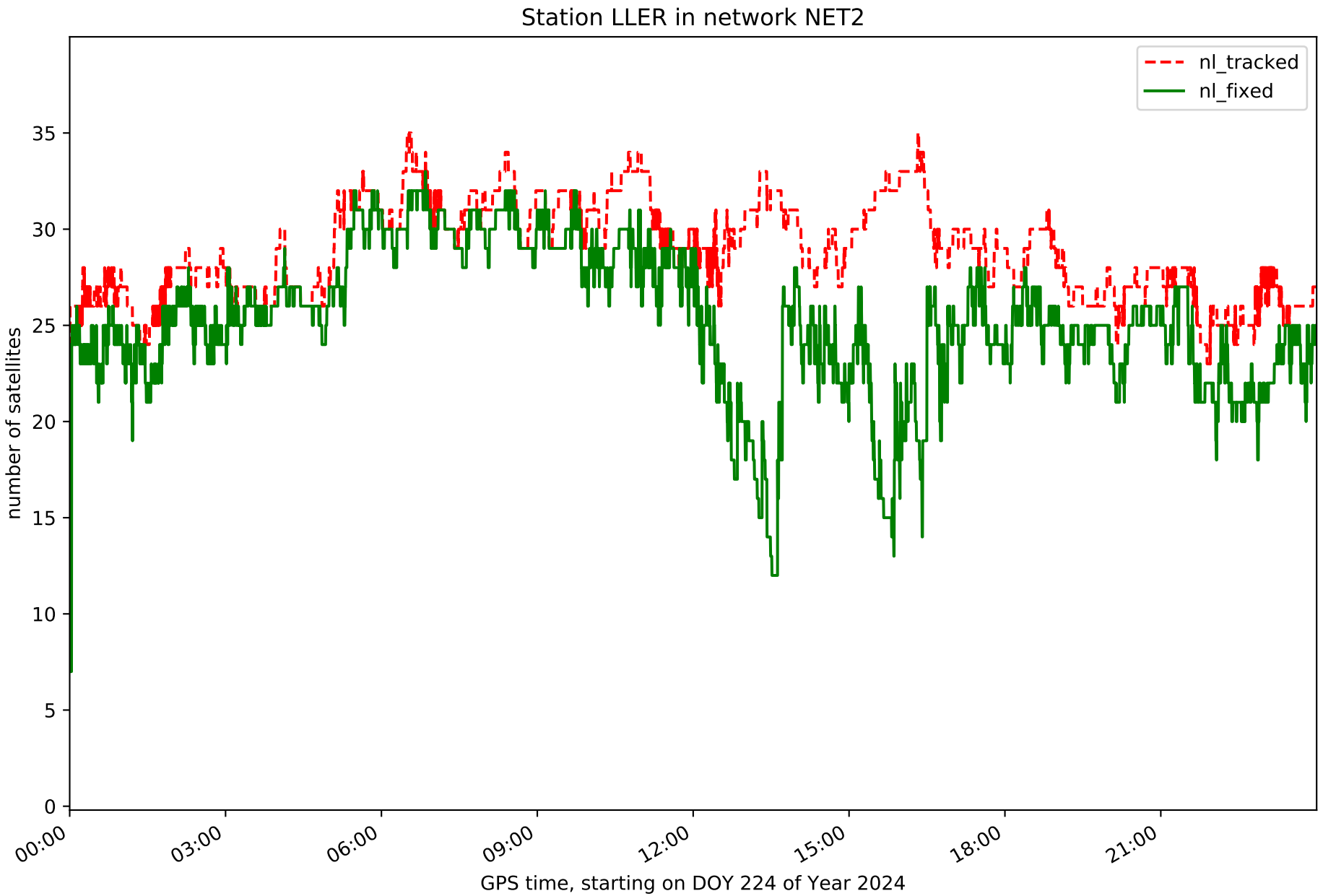

Station CATU in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

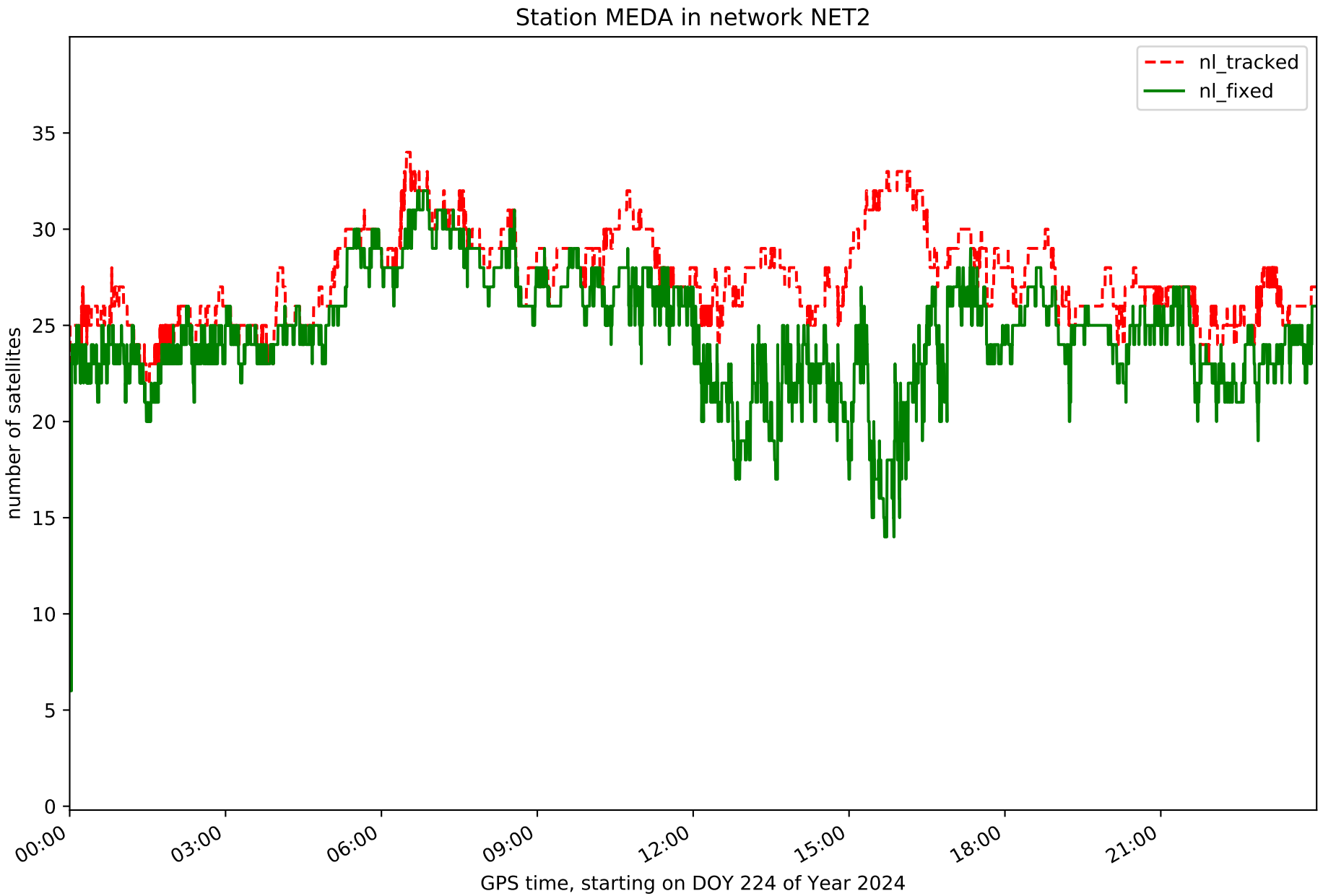

Station CDRD in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

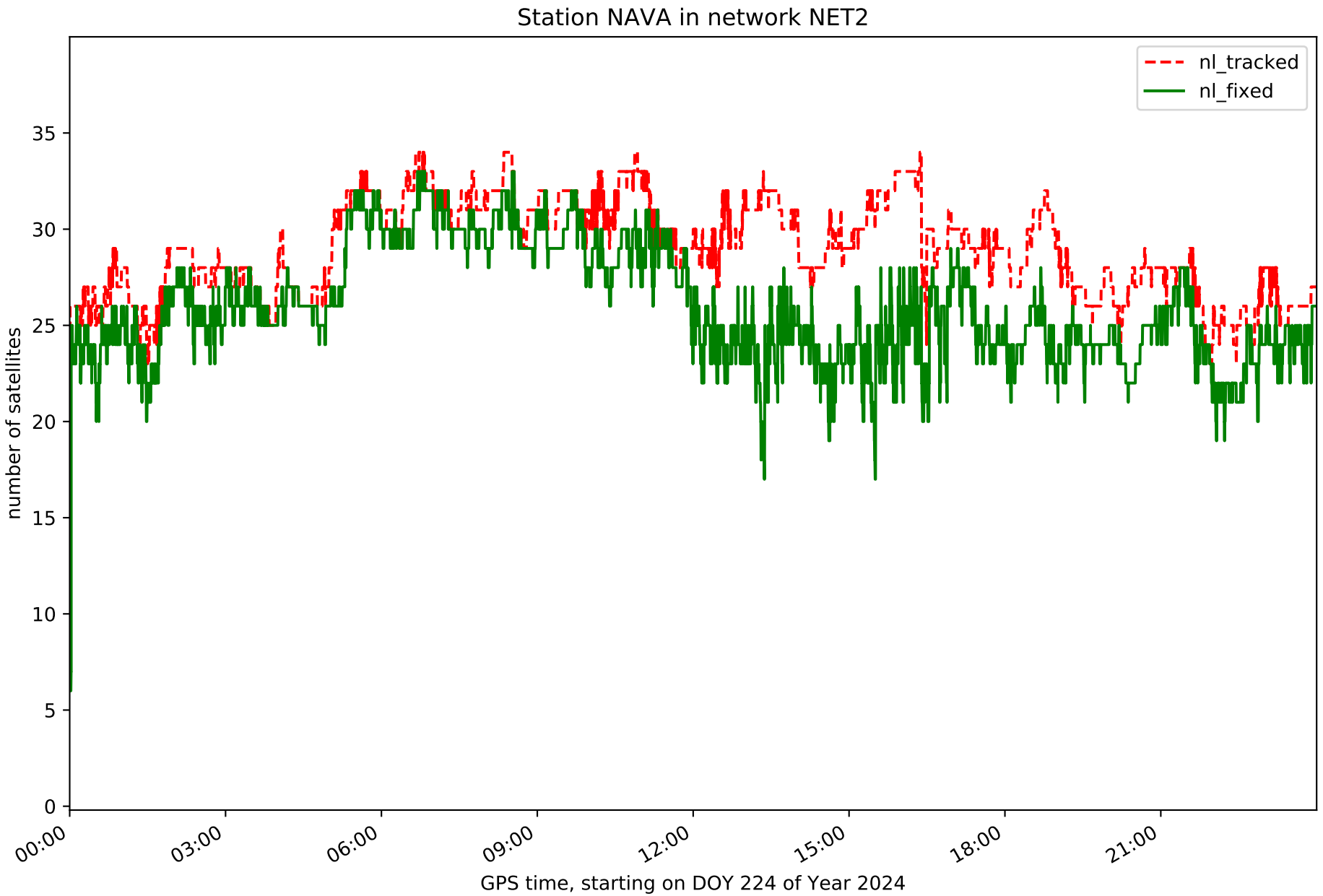

Station CORI in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

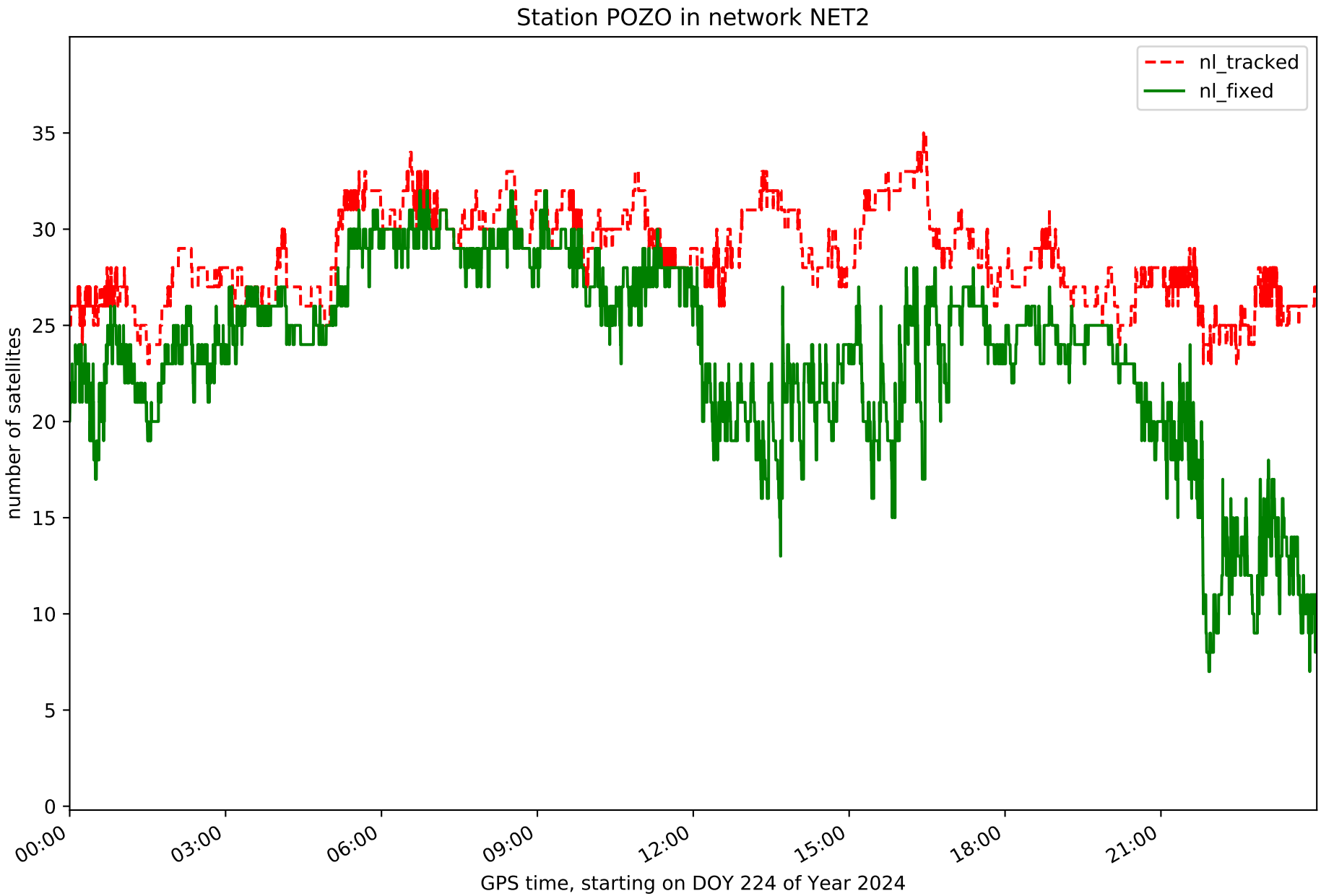

Station HERR in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

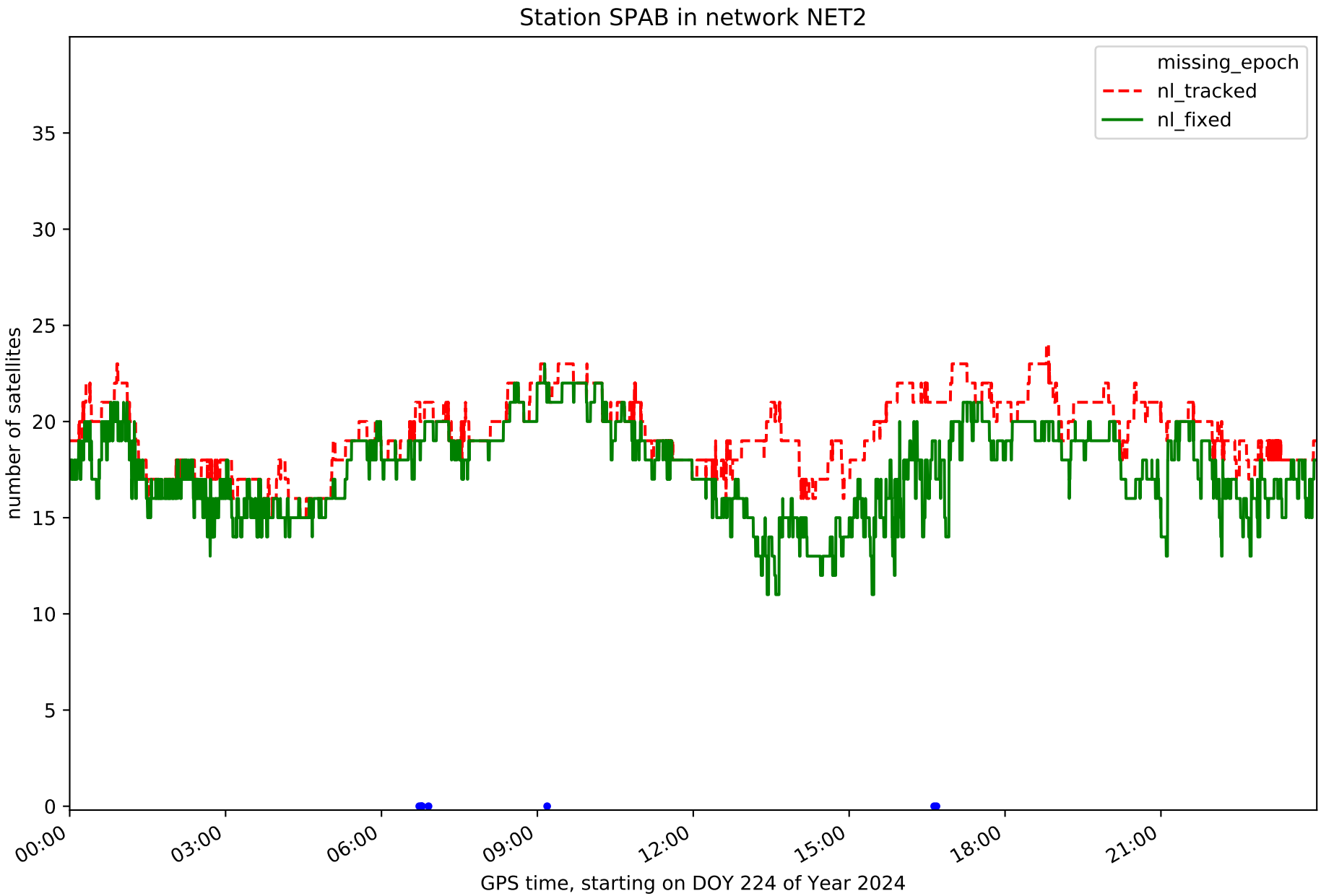

Station JERE in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

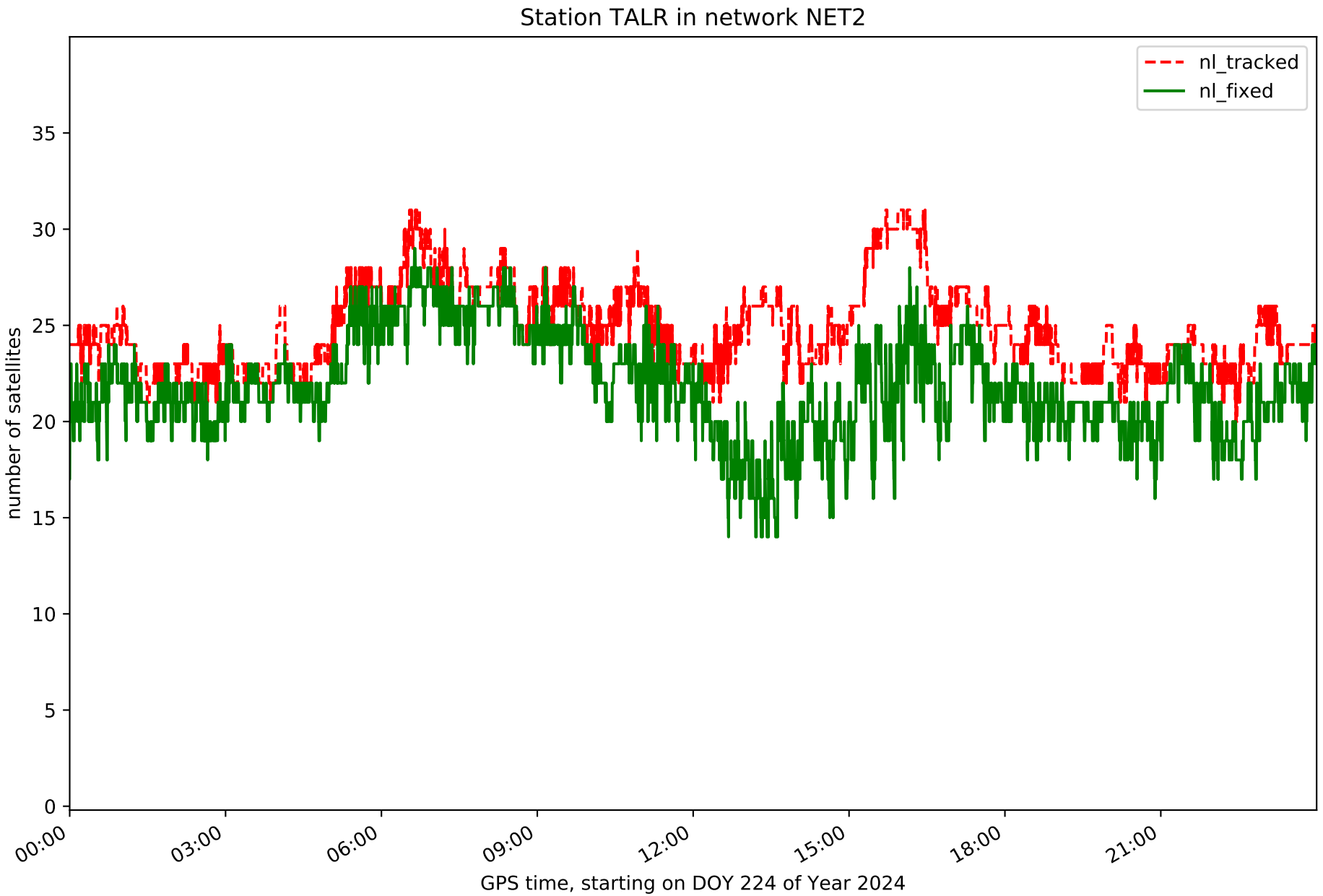

Station LLER in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

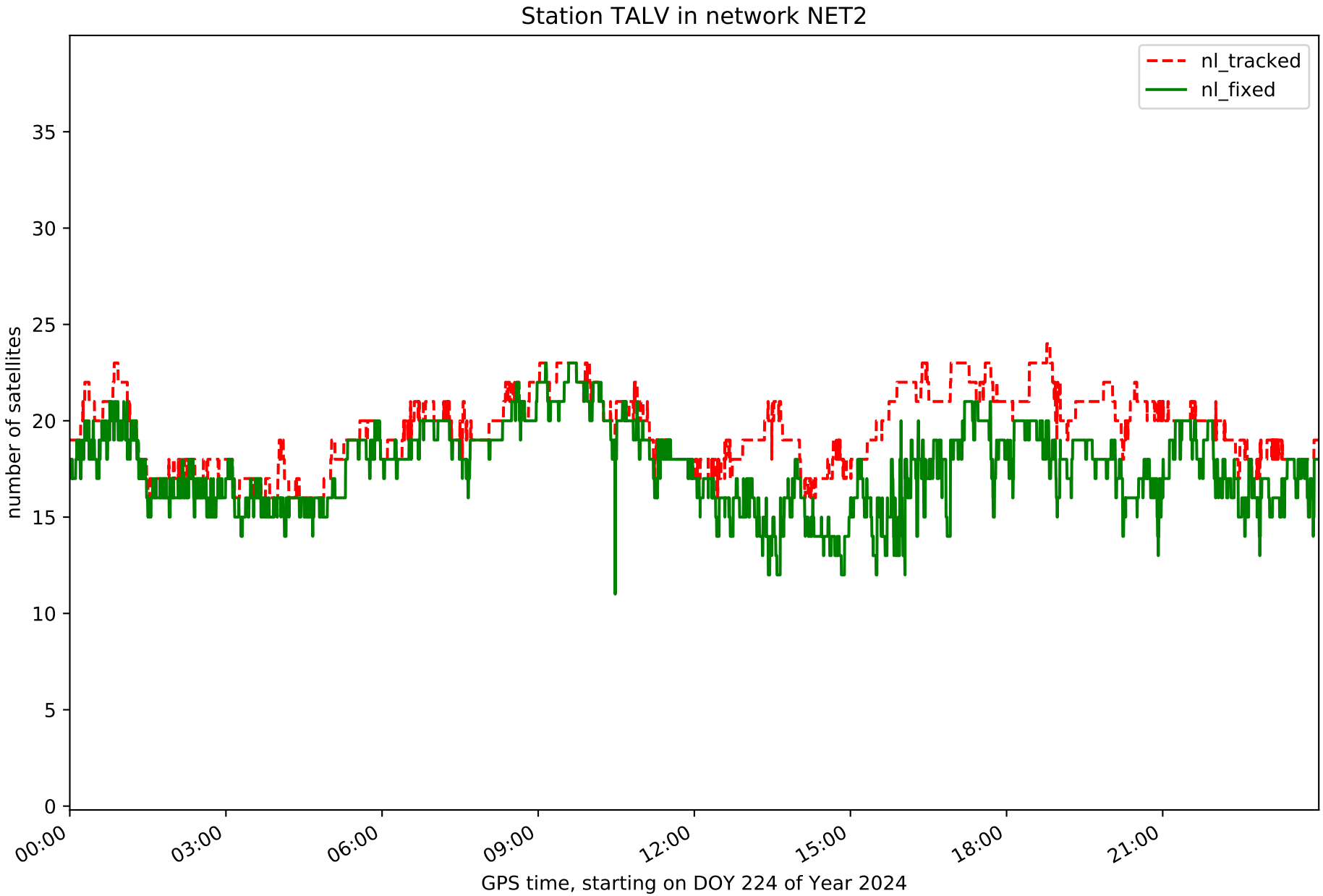

Station MEDA in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

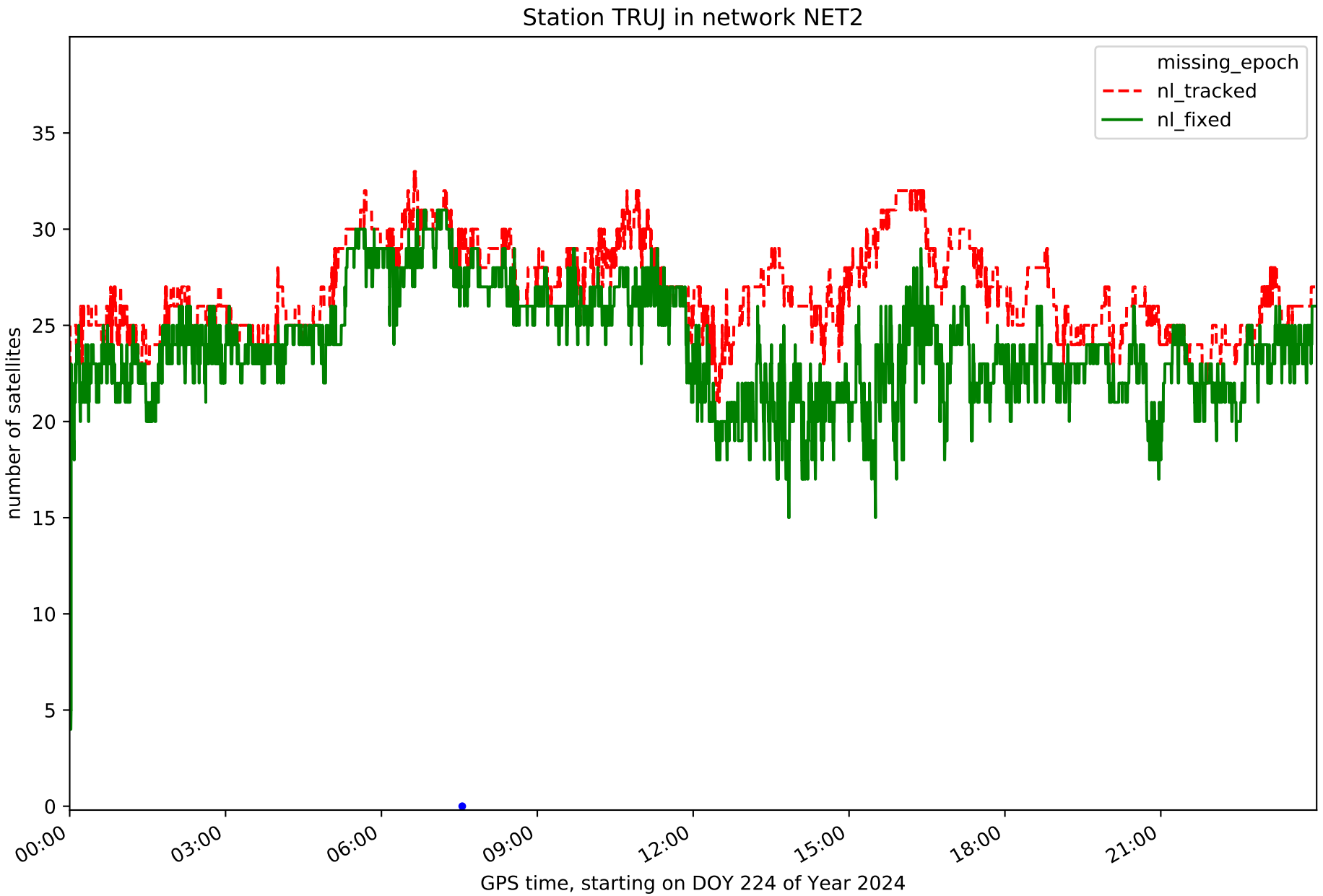

Station NAVA in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

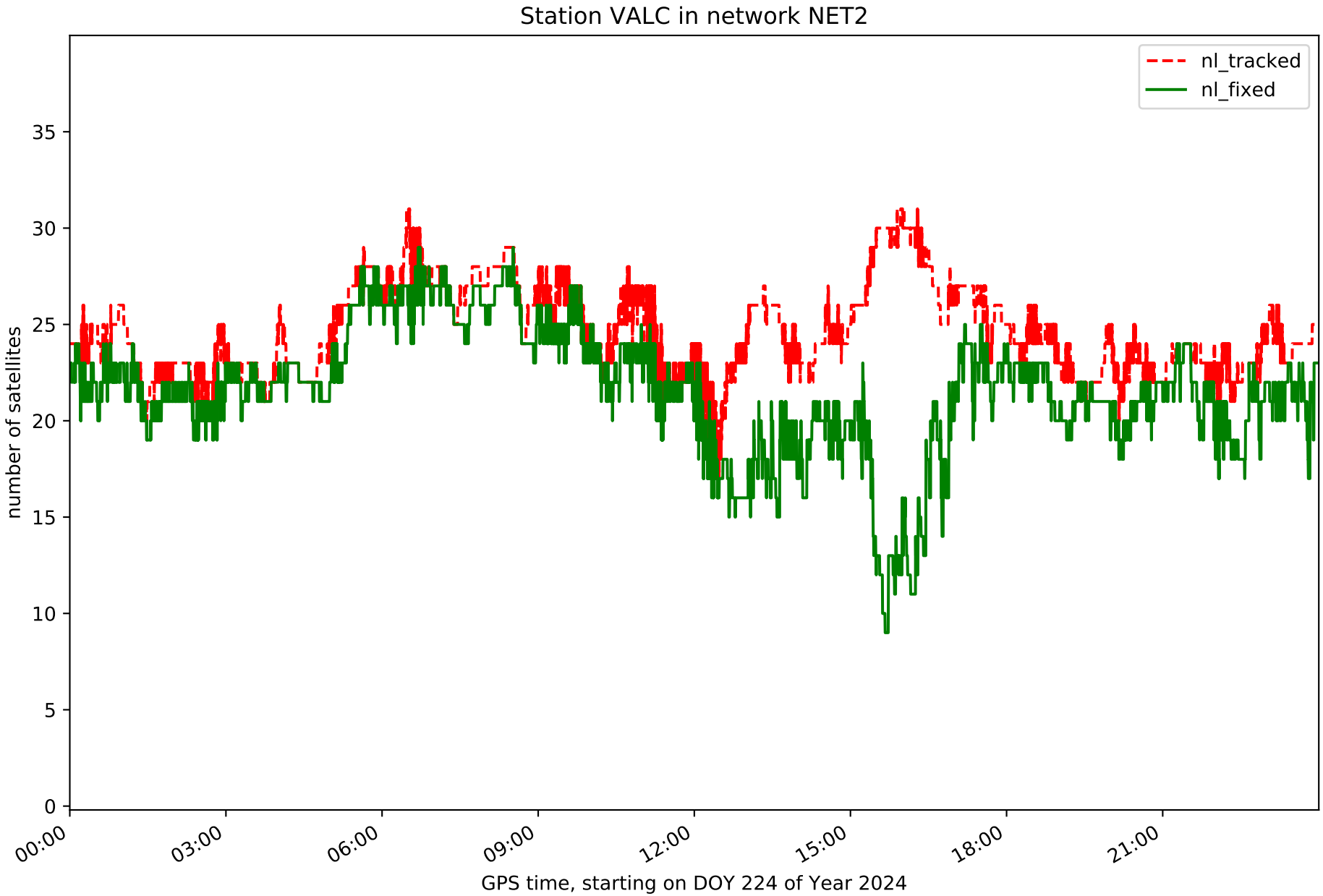

Station POZO in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

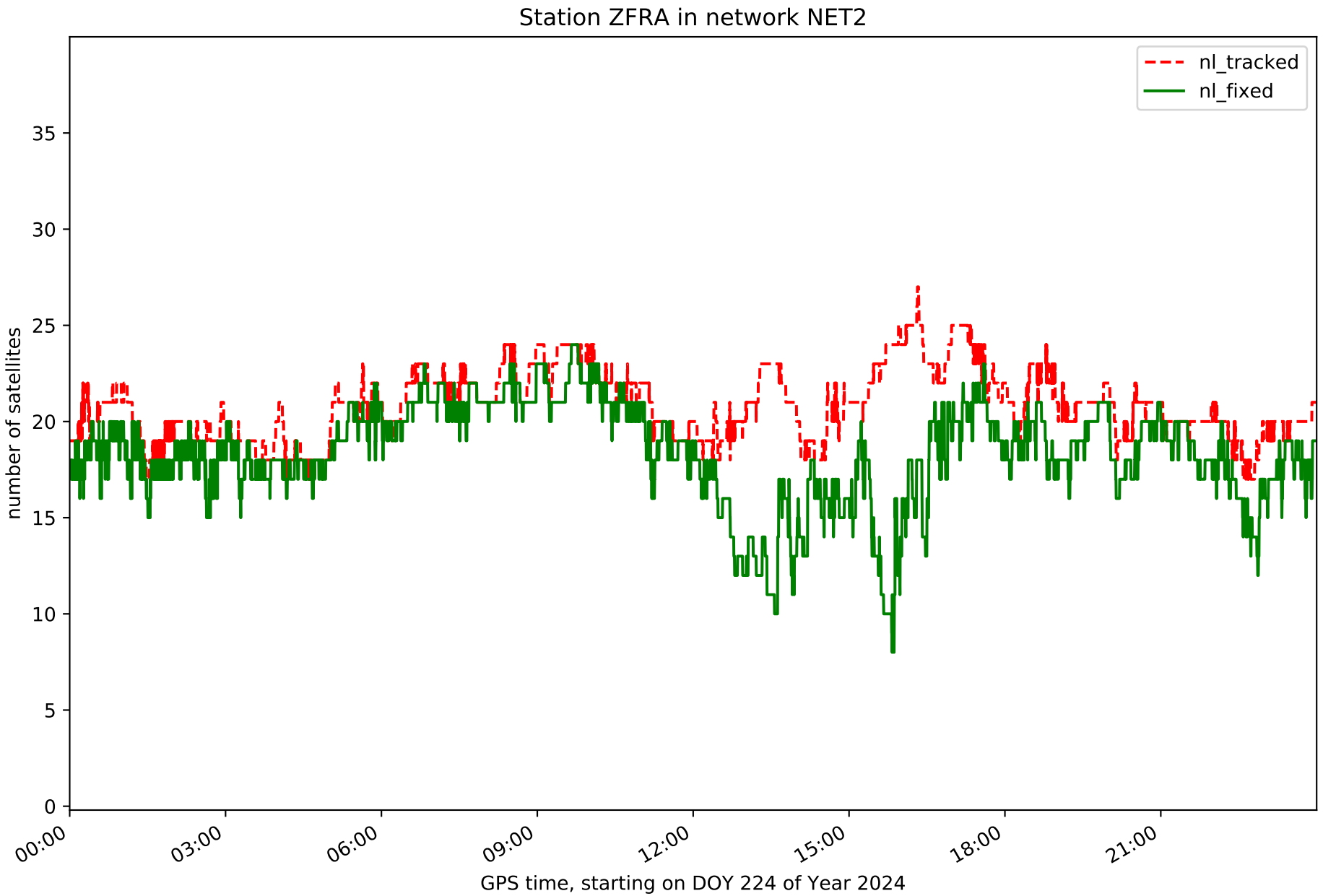

Station SPAB in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

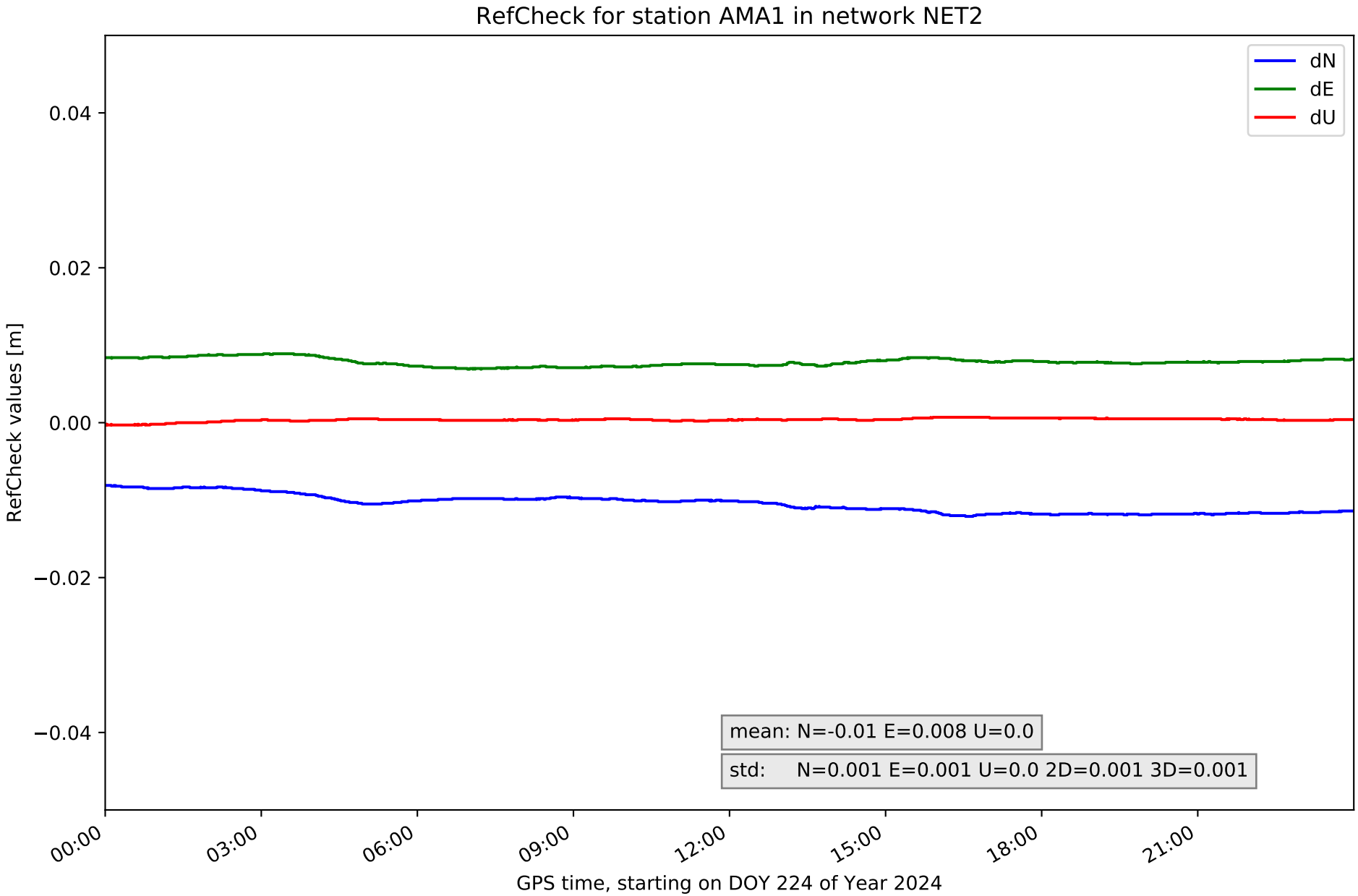

Station TALR in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

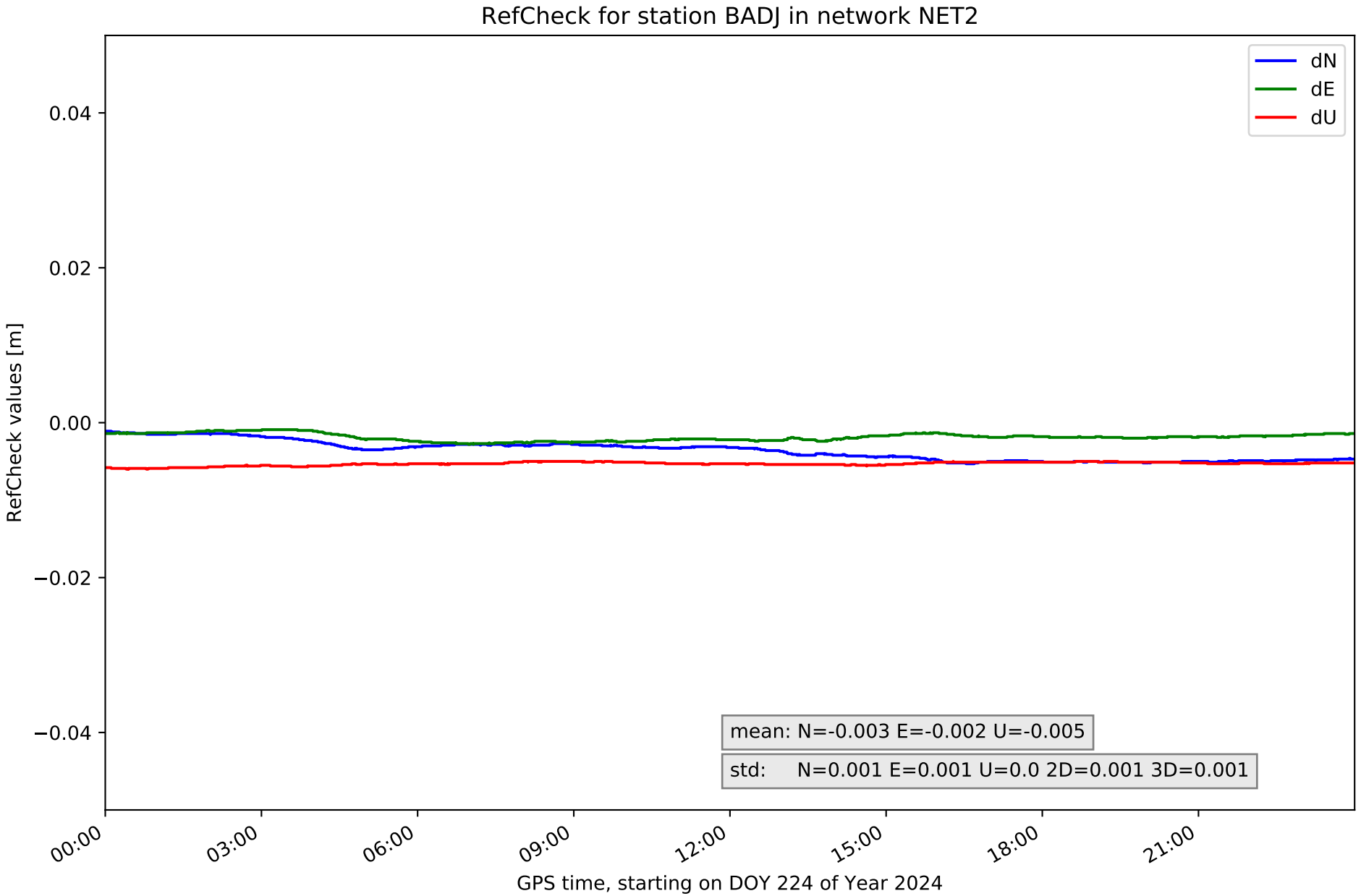

Station TALV in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

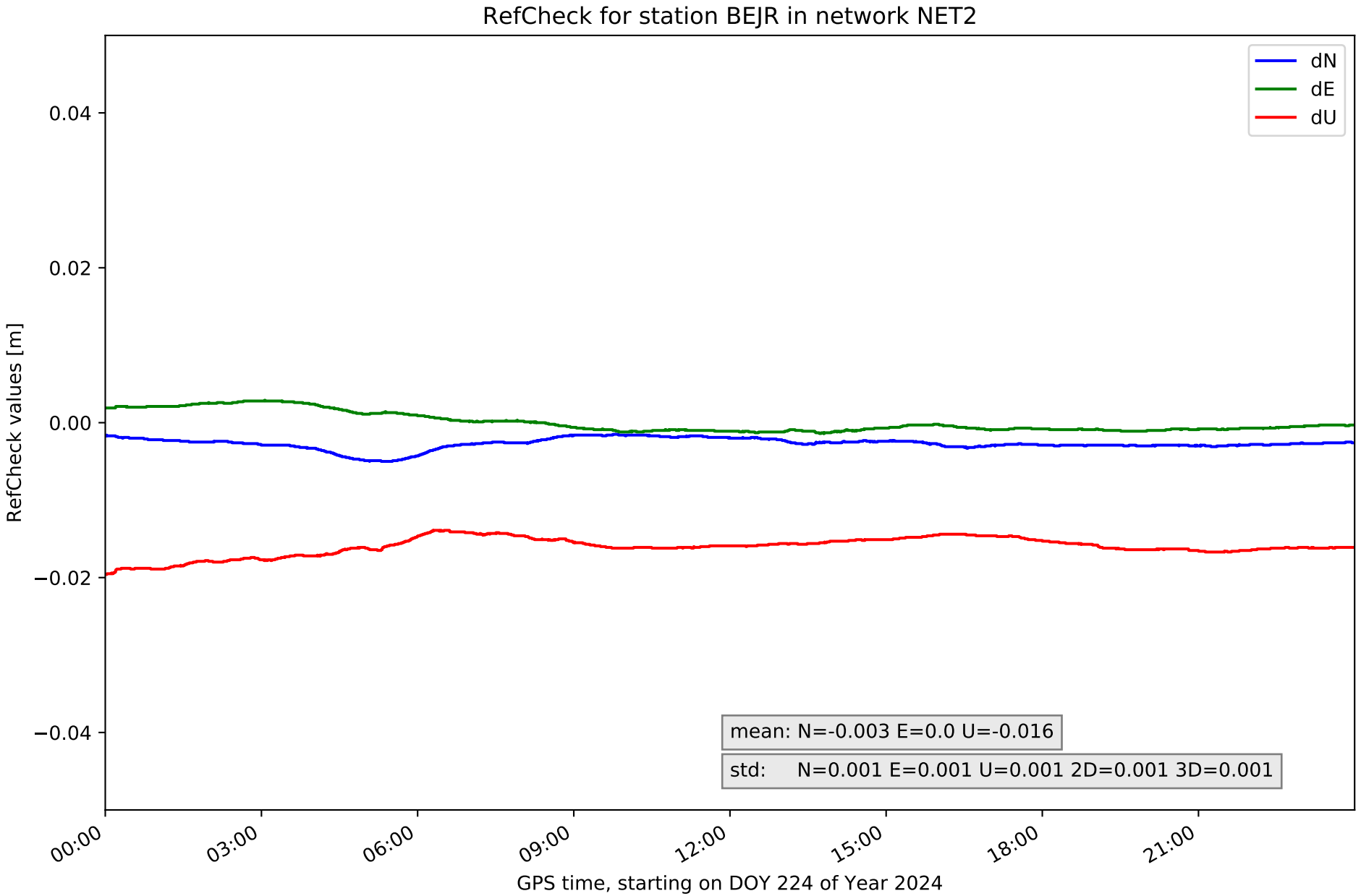

Station TRUJ in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

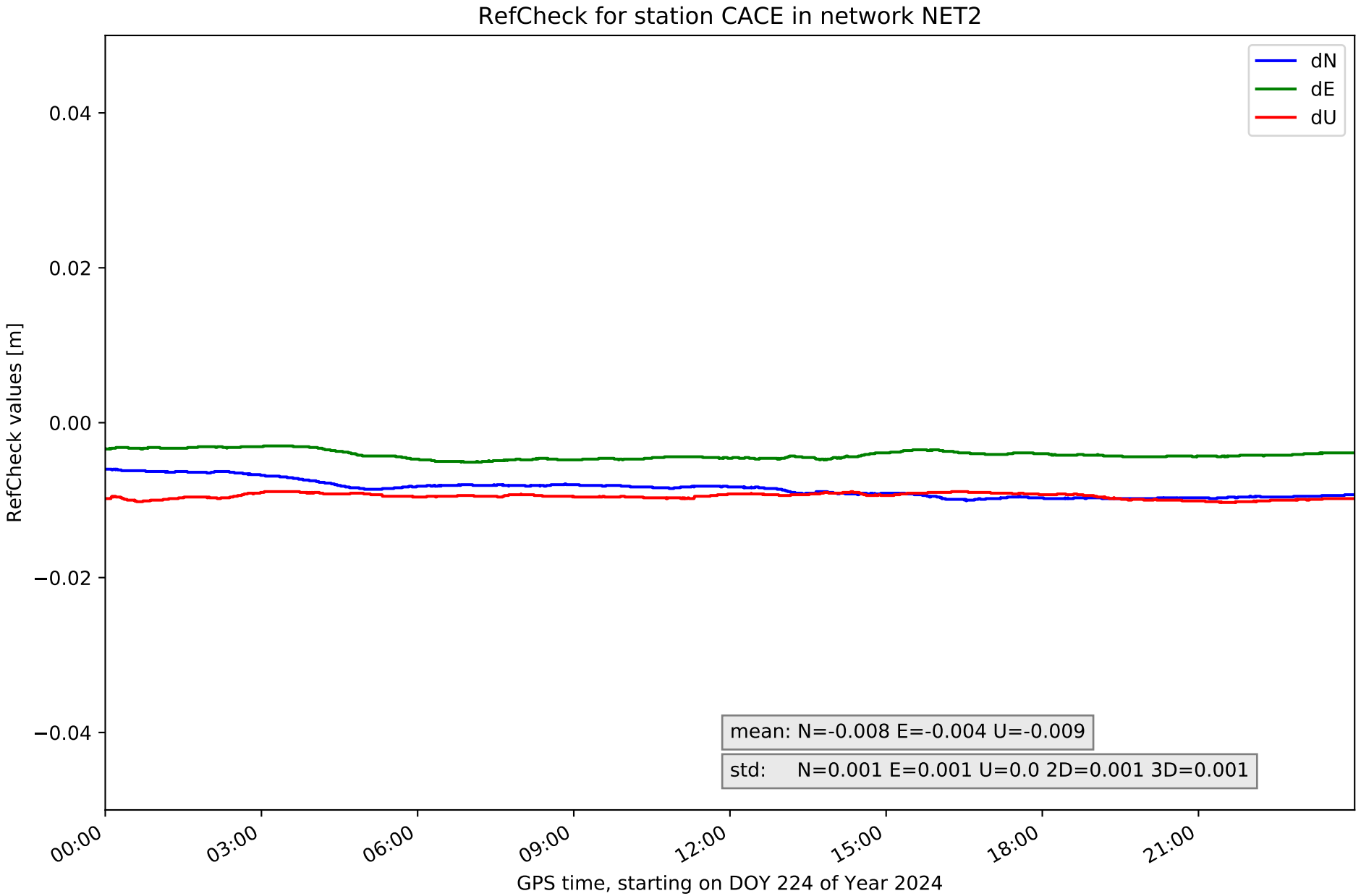

Station VALC in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

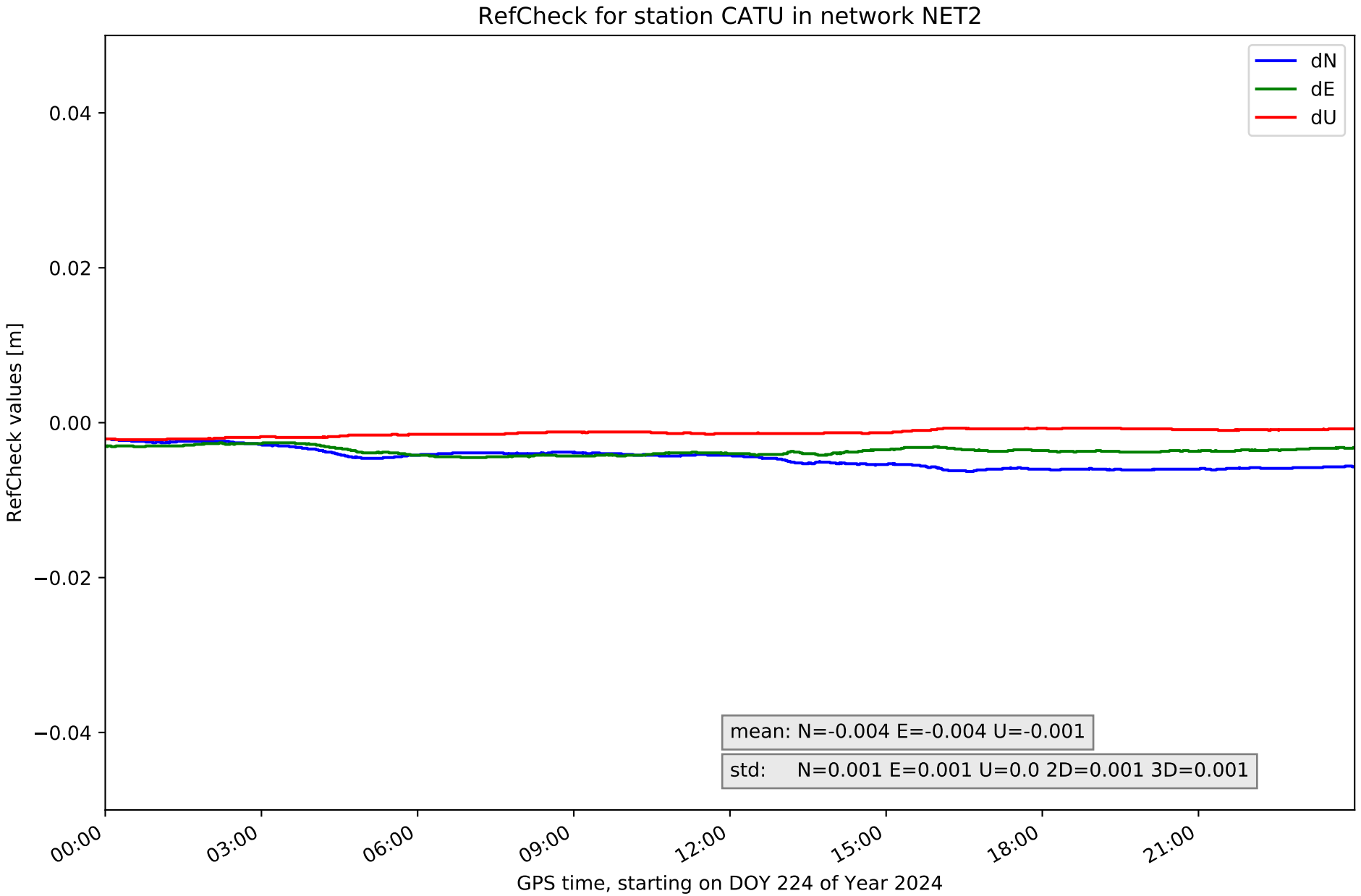

Station ZFRA in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

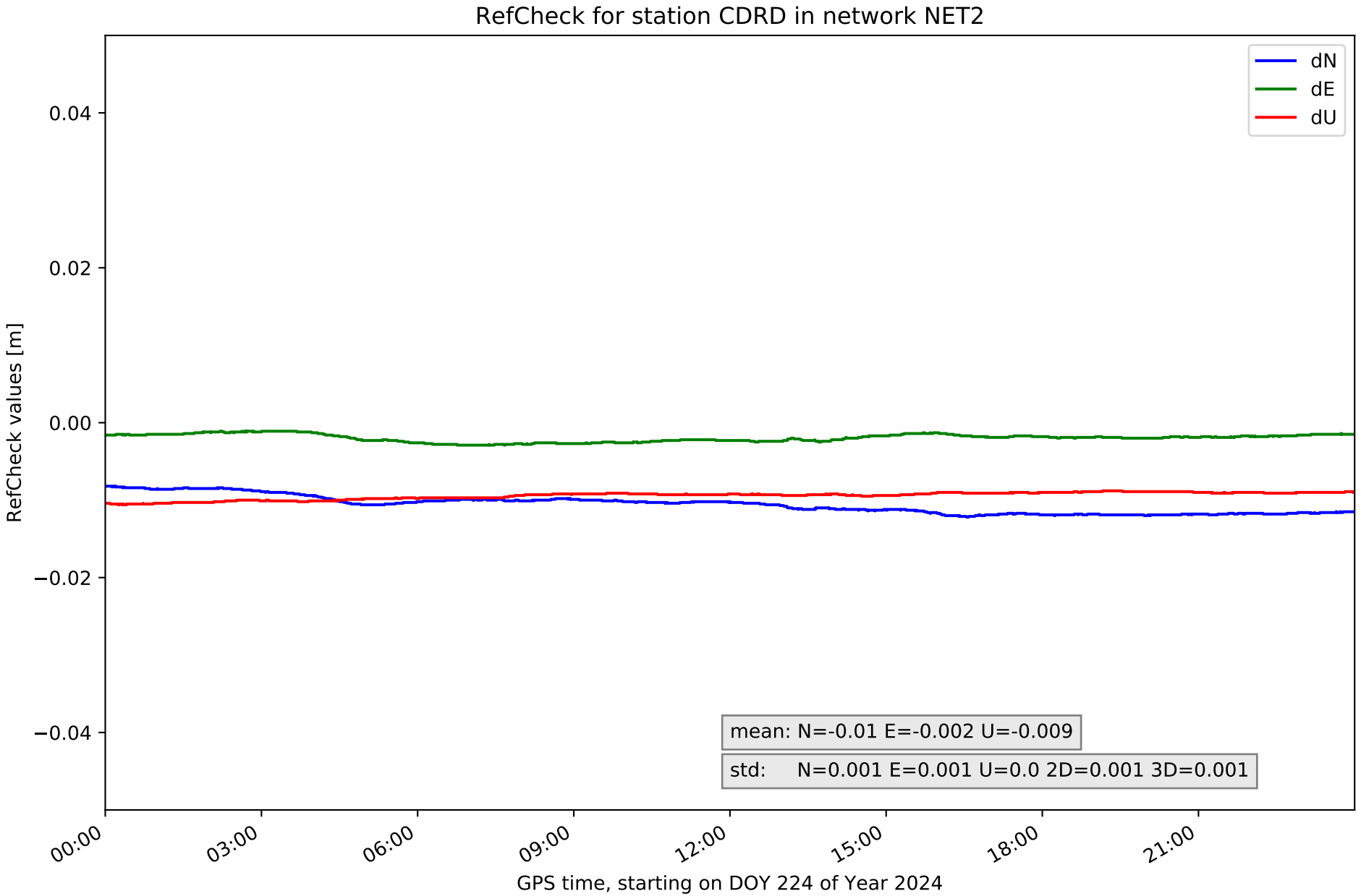

RefCheck for station AMA1 in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.01 E=0.008 U=0.0
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

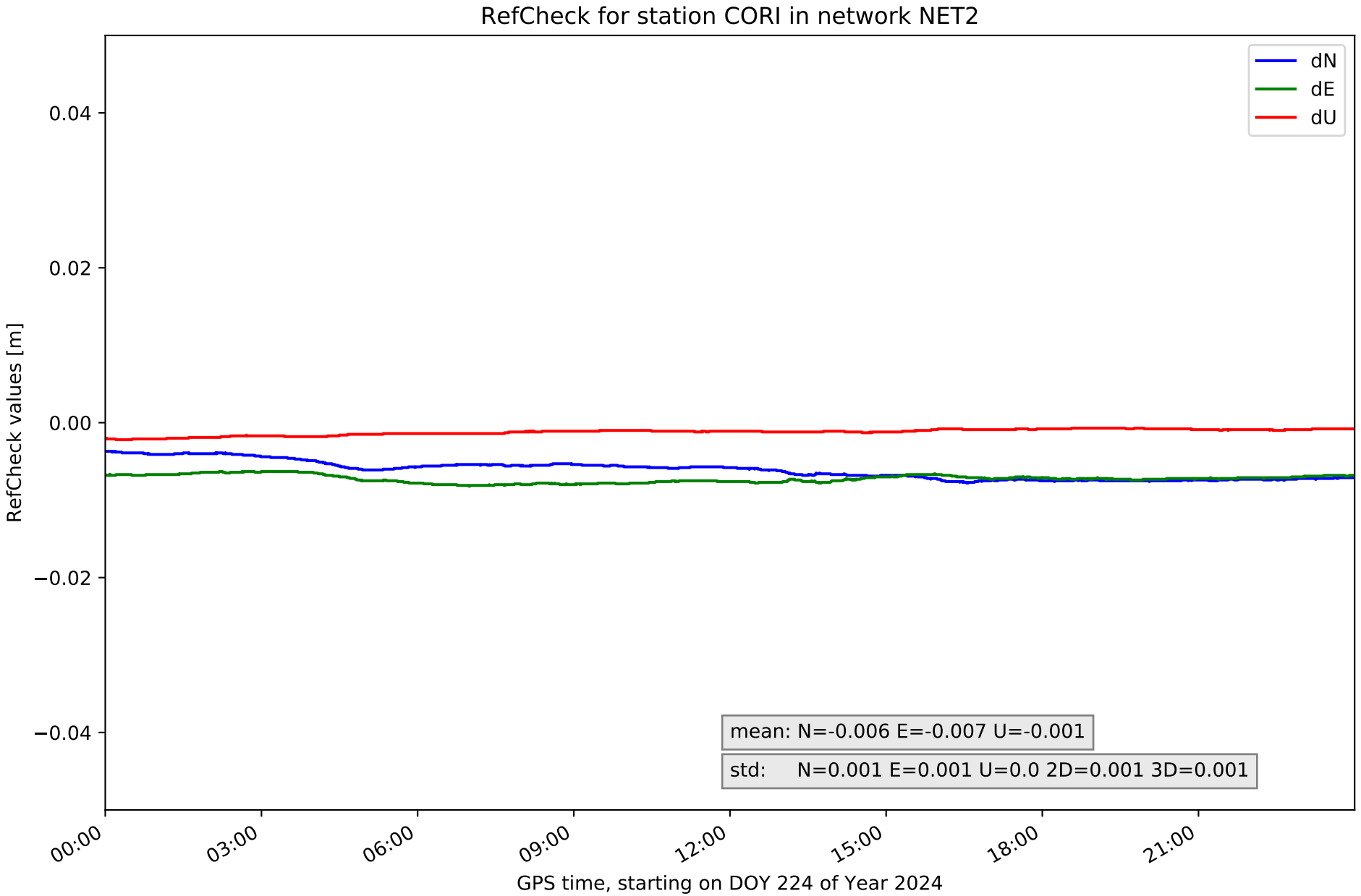

RefCheck for station BADJ in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.002 U=-0.005
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

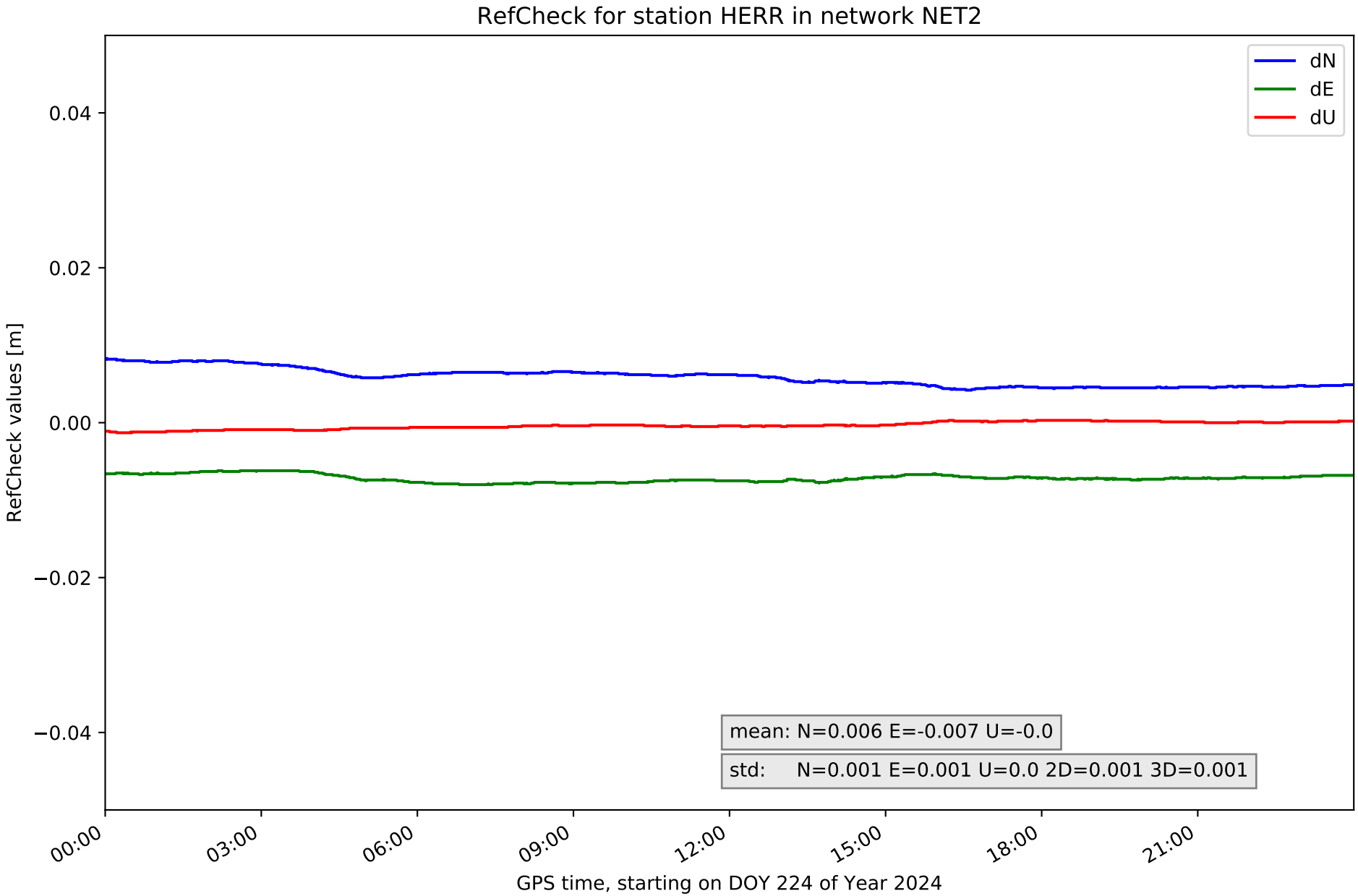

RefCheck for station BEJR in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.0 U=-0.016
std: N=0.001 E=0.001 U=0.001 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

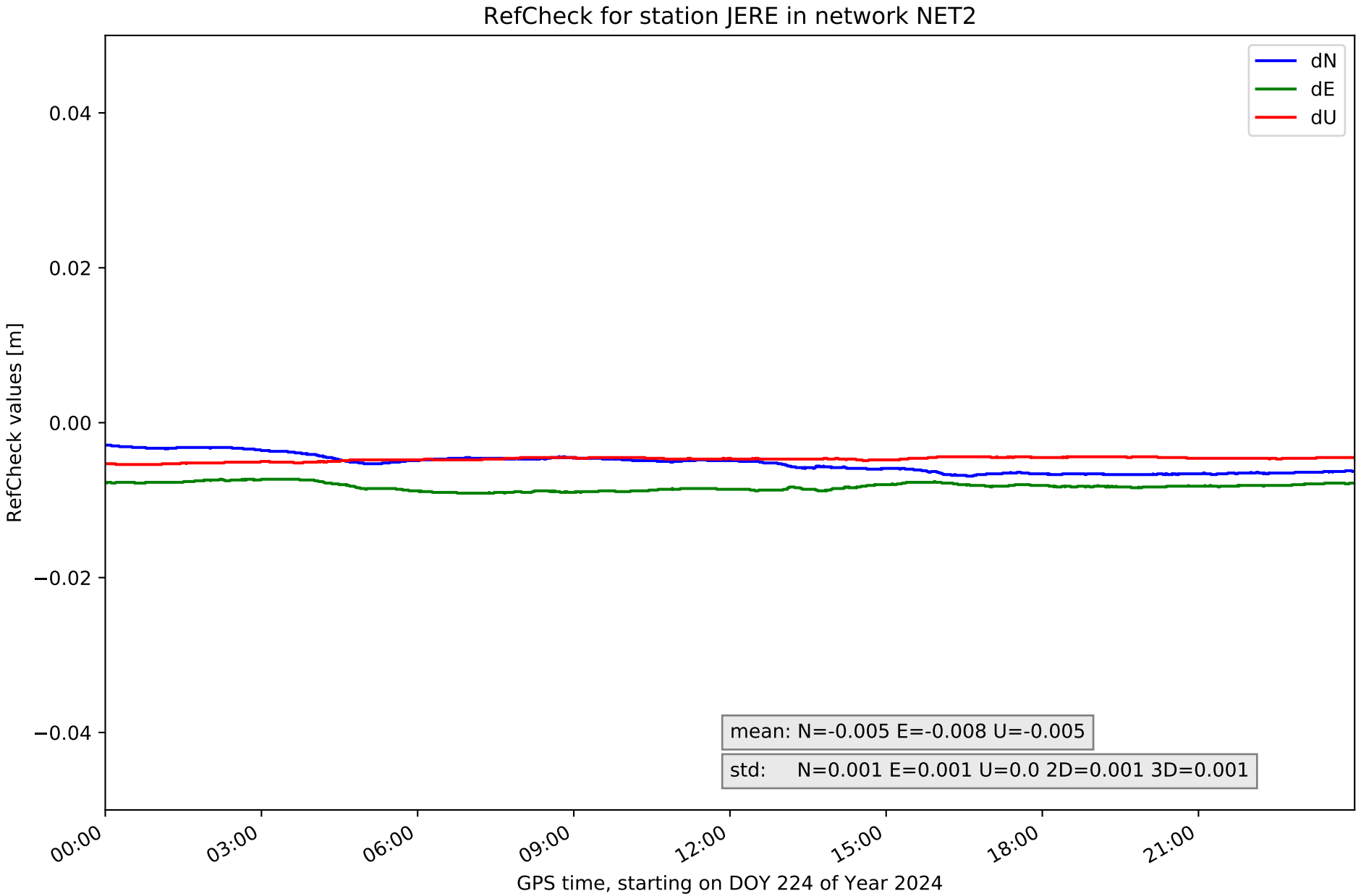

RefCheck for station CACE in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.004 U=-0.009
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

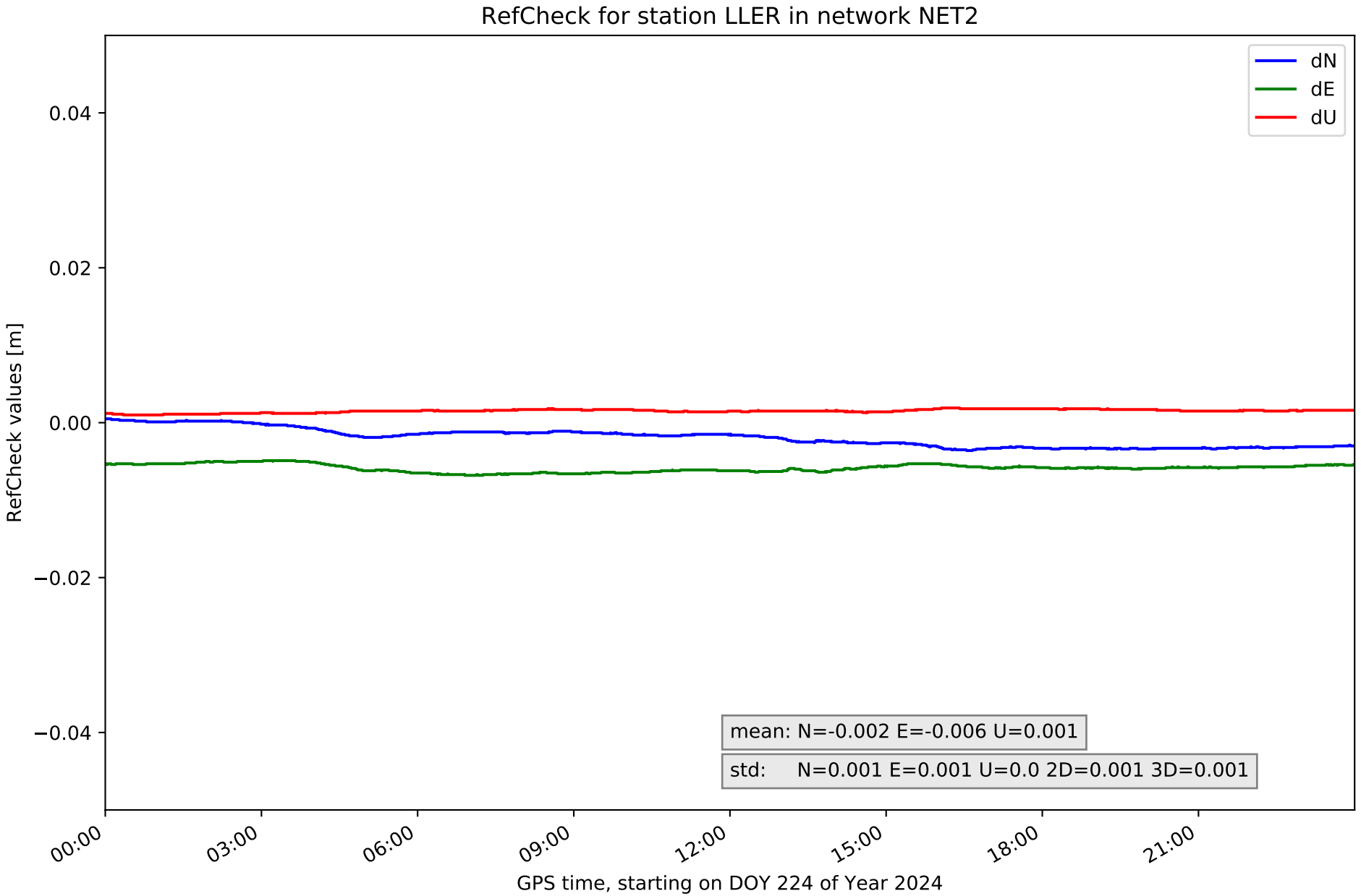

RefCheck for station CATU in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.004 U=-0.001
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

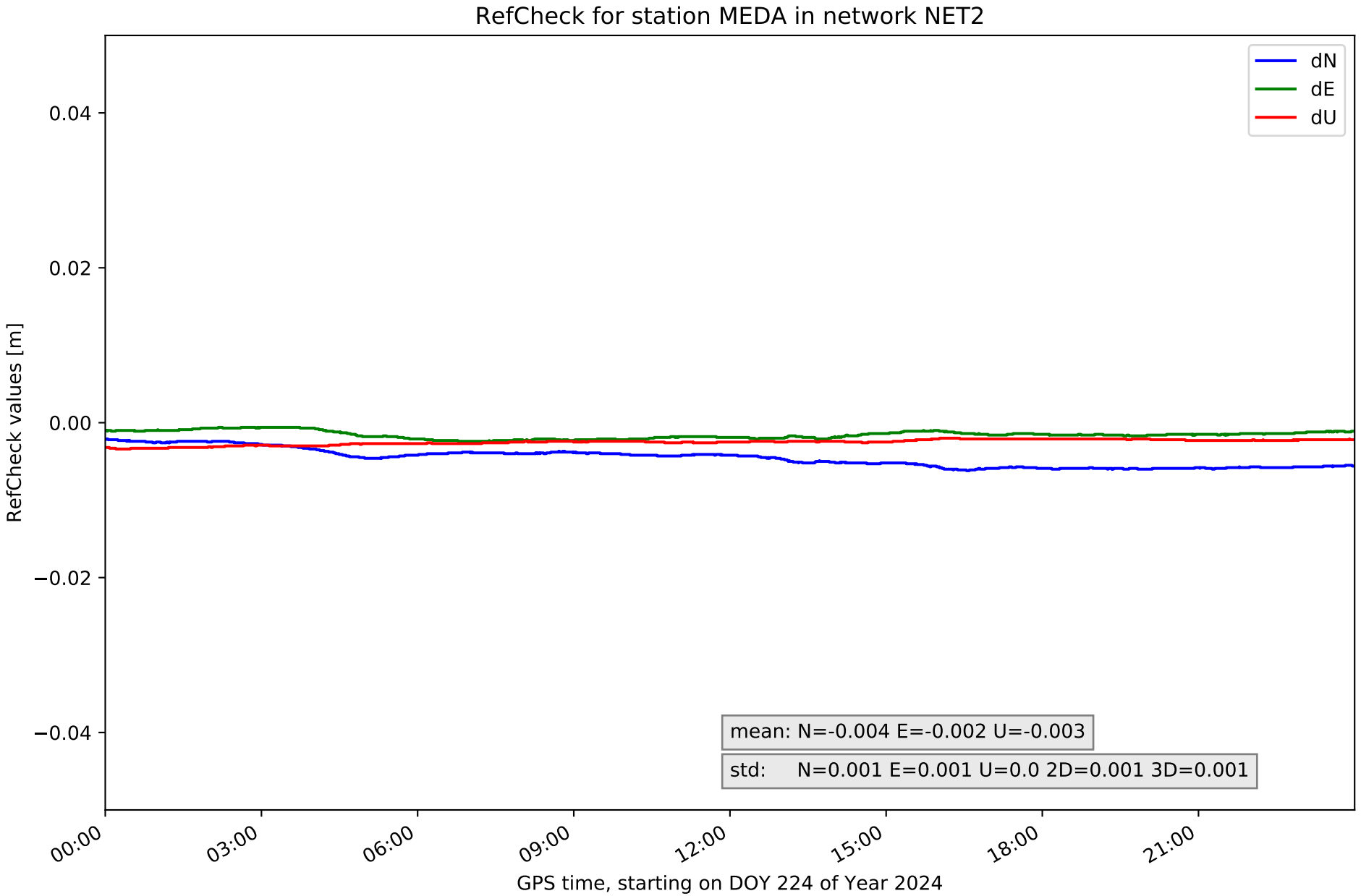

RefCheck for station CDRD in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.01 E=-0.002 U=-0.009
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

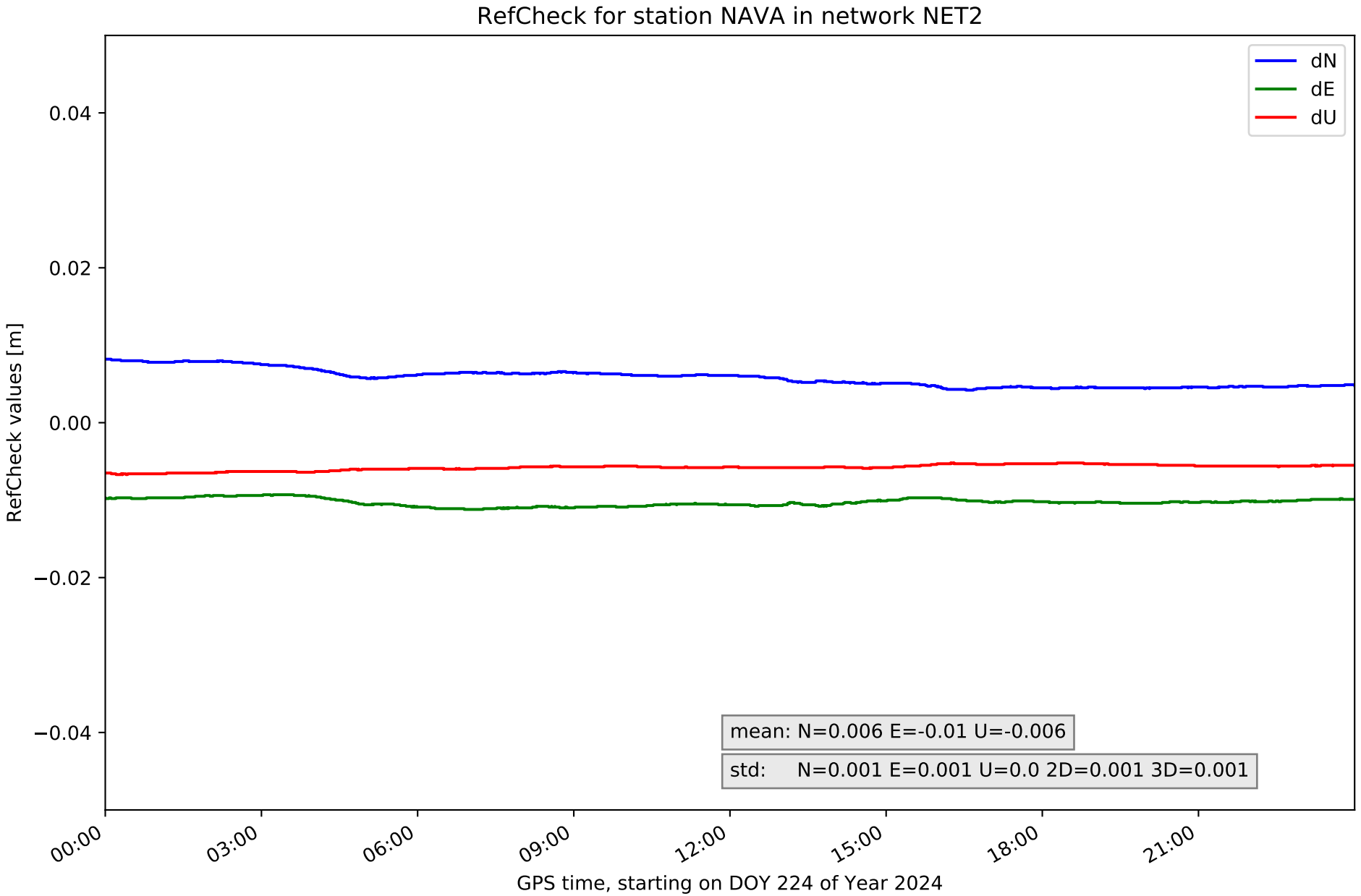

RefCheck for station CORI in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.007 U=-0.001
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

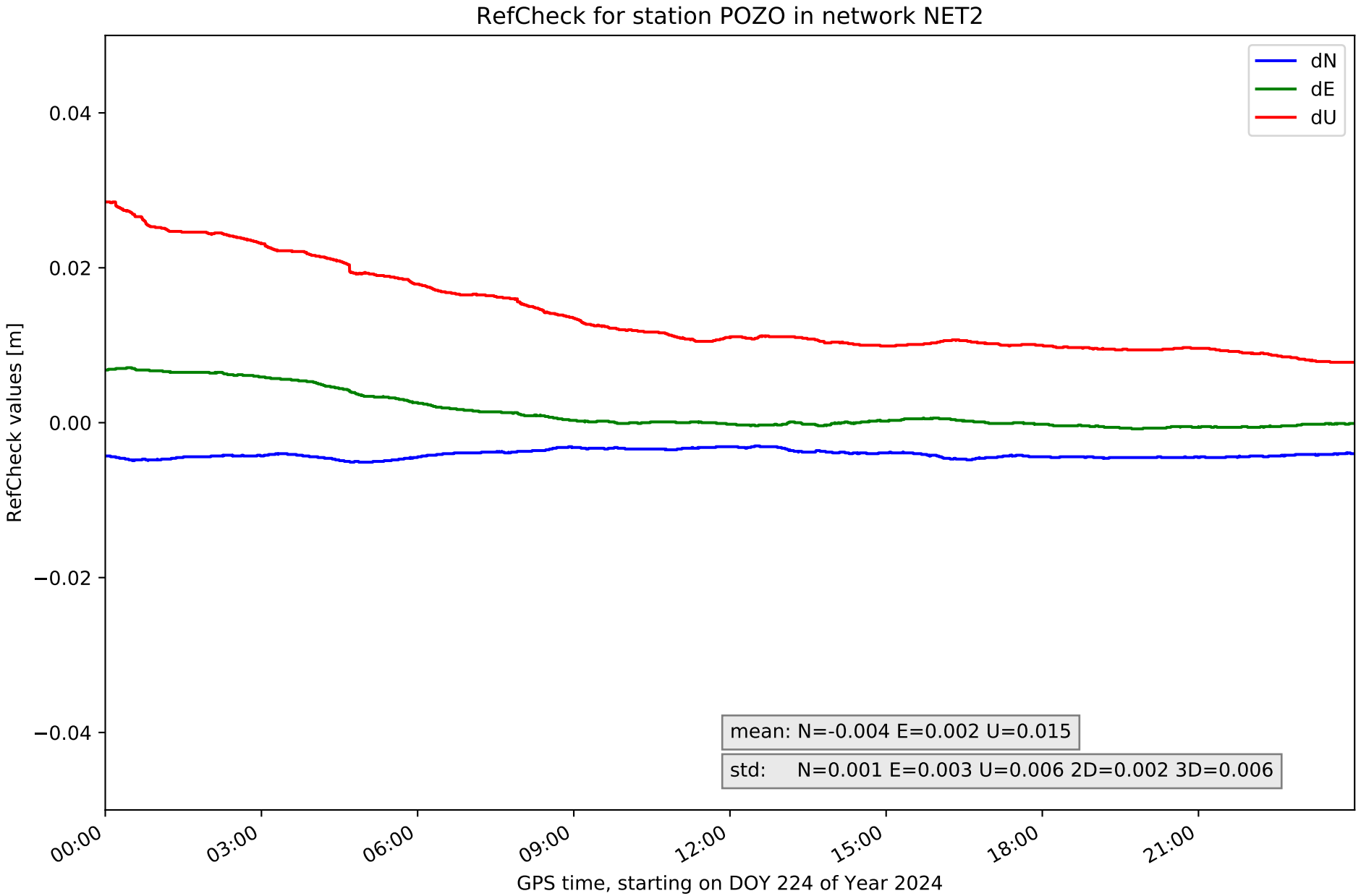

RefCheck for station HERR in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=-0.007 U=-0.0
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

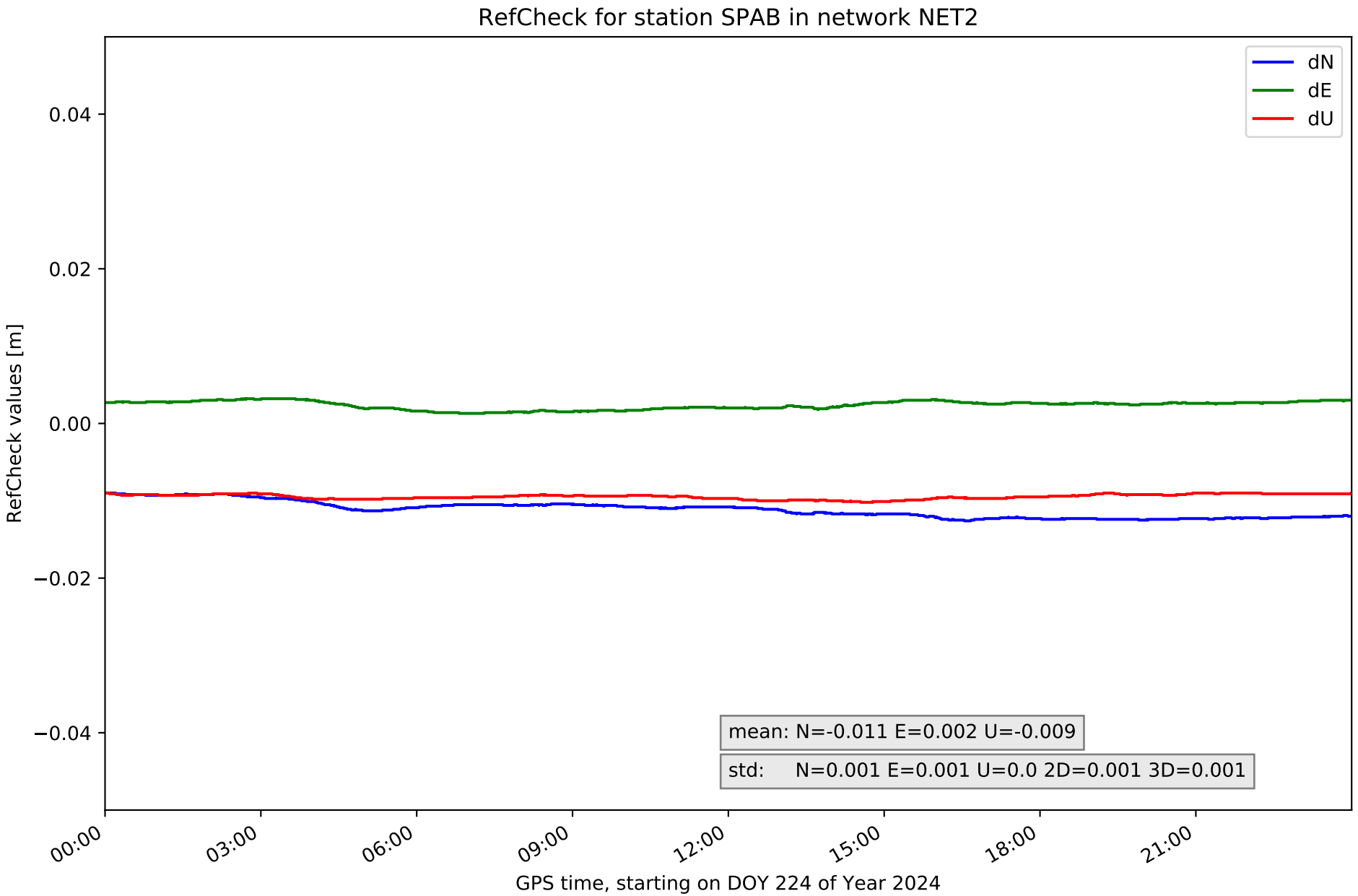

RefCheck for station JERE in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.008 U=-0.005
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

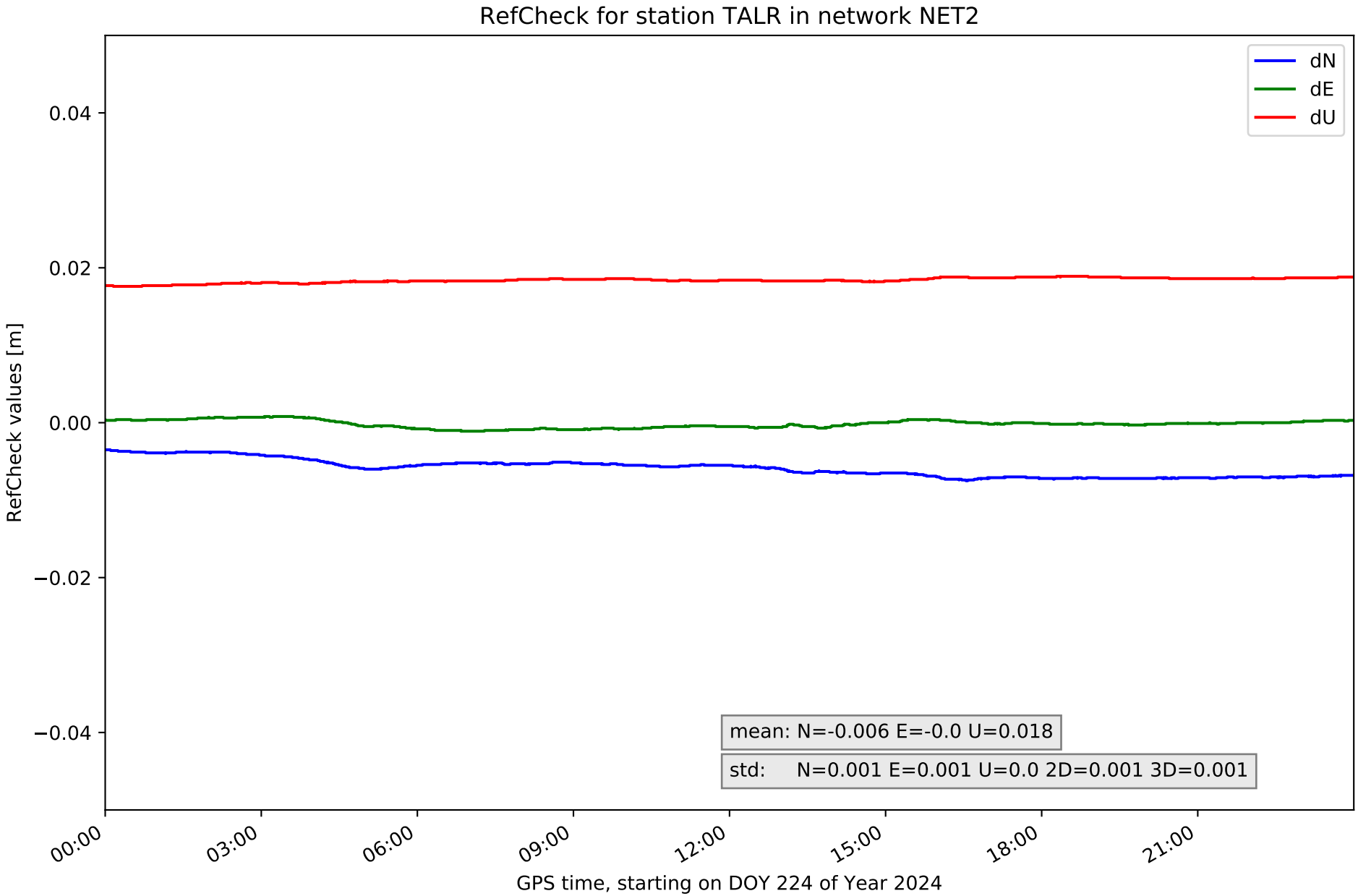

RefCheck for station LLER in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.006 U=0.001
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

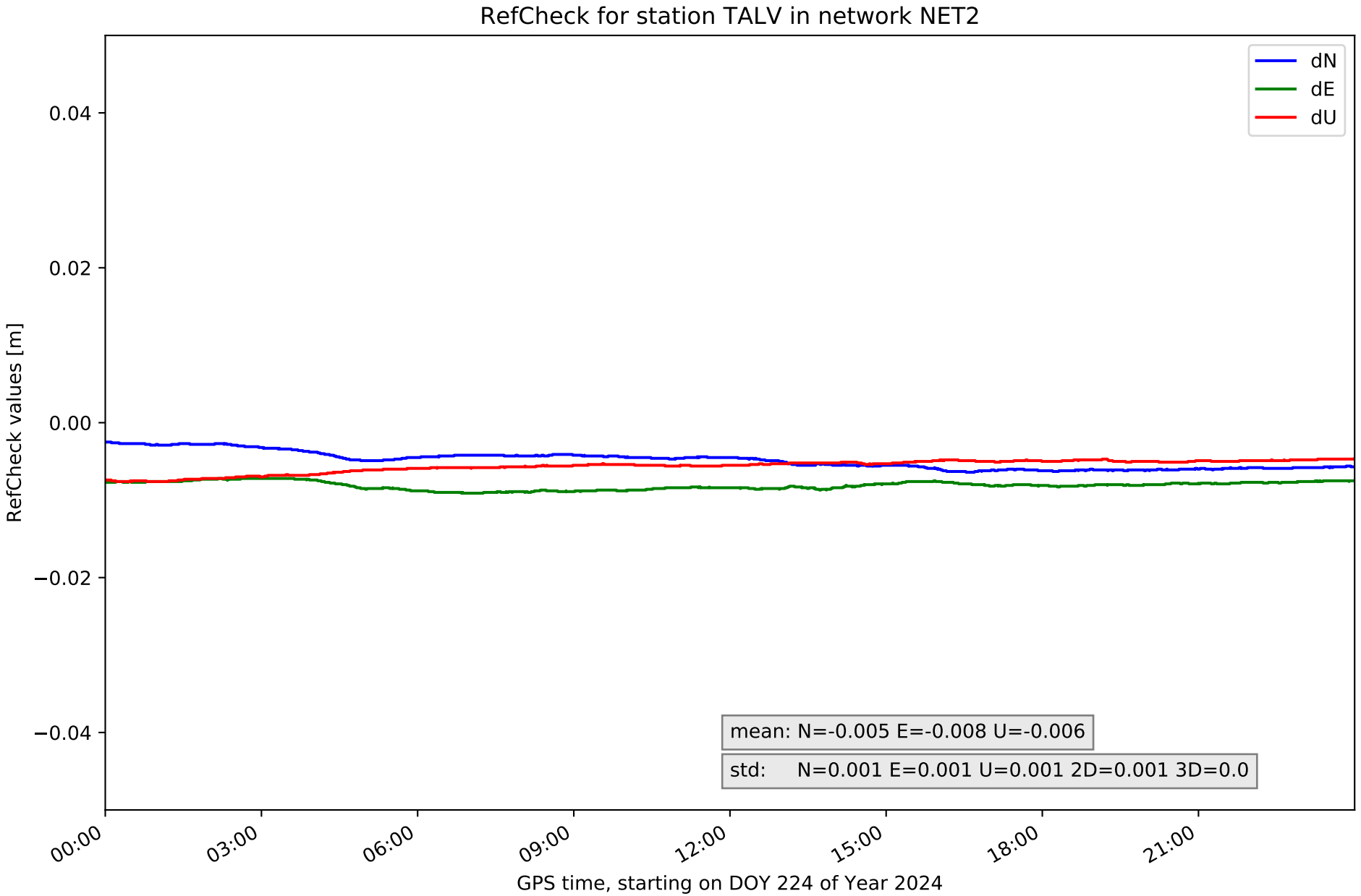

RefCheck for station MEDA in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.002 U=-0.003
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

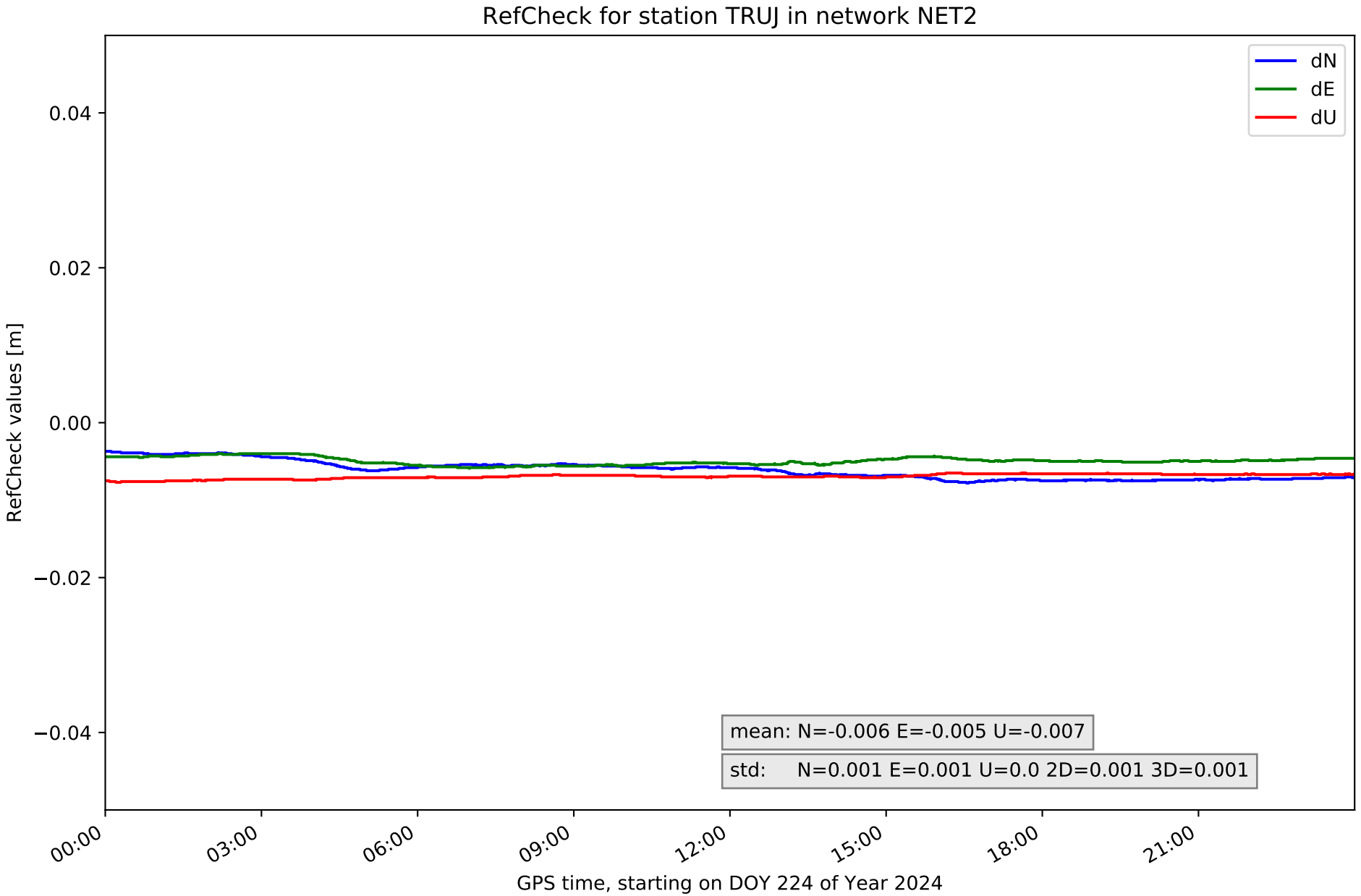

RefCheck for station NAVA in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=-0.01 U=-0.006
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

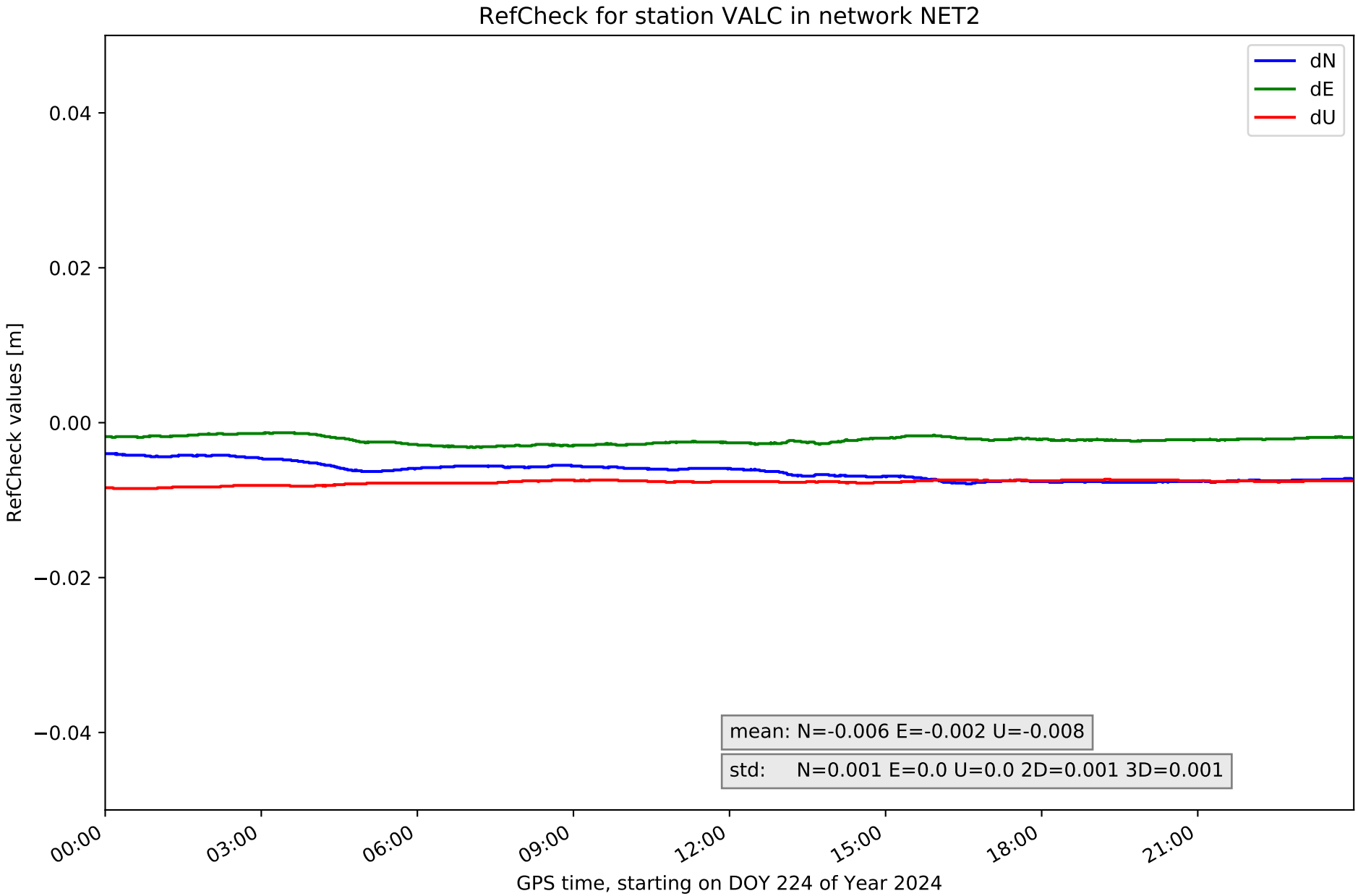

RefCheck for station POZO in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=0.002 U=0.015
std: N=0.001 E=0.003 U=0.006 2D=0.002 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

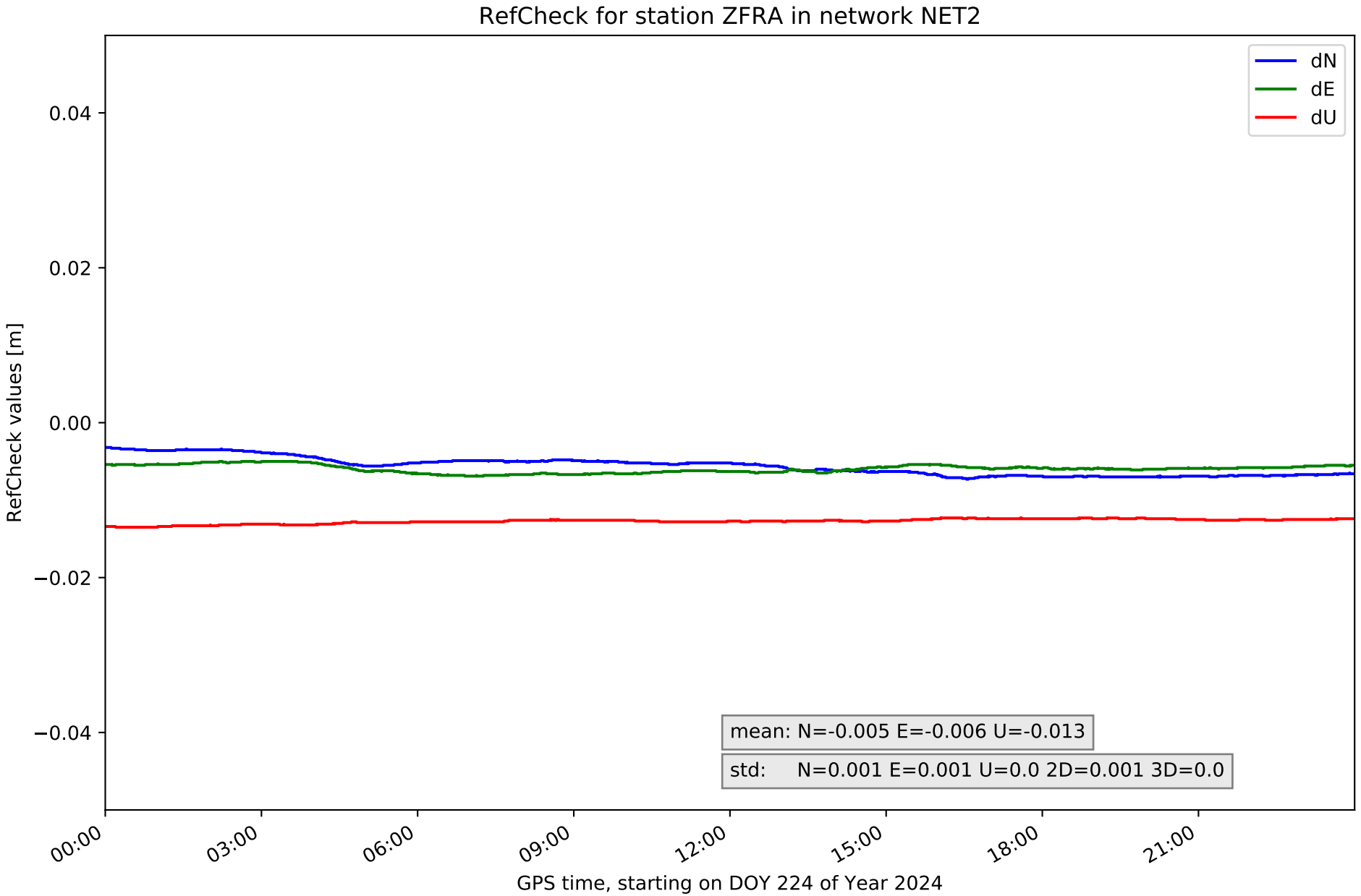

RefCheck for station SPAB in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.011 E=0.002 U=-0.009
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024


RefCheck for station TALR in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.0 U=0.018
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024


RefCheck for station TALV in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.008 U=-0.006
std: N=0.001 E=0.001 U=0.001 2D=0.001 3D=0.0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024


RefCheck for station TRUJ in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.005 U=-0.007
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024


RefCheck for station VALC in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.002 U=-0.008
std: N=0.001 E=0.0 U=0.0 2D=0.001 3D=0.001
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024


RefCheck for station ZFRA in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.006 U=-0.013
std: N=0.001 E=0.001 U=0.0 2D=0.001 3D=0.0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 224 of Year 2024

RefCheck values for network NET2

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
AMA1	-0.012	-0.008	**0.001**	0.007	**0.009**	0.001	-0.0	0.001	0.0	0.001	0.001	**51497**	**100.0**	0	0.0
BADJ	-0.005	-0.001	**0.001**	-0.003	-0.001	0.001	-0.006	-0.005	0.0	0.001	0.001	0	0.0	0	0.0
BEJR	-0.005	-0.002	**0.001**	-0.001	0.003	0.001	**-0.02**	-0.014	0.001	0.001	0.001	0	0.0	0	0.0
CACE	-0.01	-0.006	**0.001**	-0.005	-0.003	0.001	-0.01	-0.009	0.0	0.001	0.001	18149	35.2	0	0.0
CATU	-0.006	-0.002	**0.001**	-0.004	-0.003	0.001	-0.002	-0.001	0.0	0.001	0.001	0	0.0	0	0.0
CDRD	-0.012	-0.008	**0.001**	-0.003	-0.001	0.001	-0.011	-0.009	0.0	0.001	0.001	40884	79.4	0	0.0
CORI	-0.008	-0.004	**0.001**	-0.008	-0.006	0.001	-0.002	-0.001	0.0	0.001	0.001	14571	28.3	0	0.0
HERR	0.004	**0.008**	**0.001**	-0.008	-0.006	0.001	-0.001	0.0	0.0	0.001	0.001	16571	32.2	0	0.0
JERE	-0.007	-0.003	**0.001**	-0.009	-0.007	0.001	-0.005	-0.004	0.0	0.001	0.001	29686	57.6	0	0.0
LLER	-0.004	0.001	**0.001**	-0.007	-0.005	0.001	0.001	0.002	0.0	0.001	0.001	0	0.0	0	0.0
MEDA	-0.006	-0.002	**0.001**	-0.002	-0.001	0.001	-0.003	-0.002	0.0	0.001	0.001	0	0.0	0	0.0
NAVA	0.004	**0.008**	**0.001**	**-0.011**	-0.009	0.001	-0.007	-0.005	0.0	0.001	0.001	**51497**	**100.0**	0	0.0
POZO	-0.005	-0.003	**0.001**	-0.001	0.007	**0.003**	0.008	**0.029**	**0.006**	**0.002**	**0.006**	0	0.0	**13052**	**25.3**
SPAB	**-0.013**	-0.009	**0.001**	0.001	0.003	0.001	-0.01	-0.009	0.0	0.001	0.001	44678	86.8	0	0.0
TALR	-0.007	-0.004	**0.001**	-0.001	0.001	0.001	0.018	0.019	0.0	0.001	0.001	0	0.0	7716	15.0
TALV	-0.006	-0.003	**0.001**	-0.009	-0.007	0.001	-0.008	-0.005	0.001	0.001	0.0	9820	19.1	0	0.0
TRUJ	-0.008	-0.004	**0.001**	-0.006	-0.004	0.001	-0.008	-0.006	0.0	0.001	0.001	0	0.0	0	0.0
VALC	-0.008	-0.004	**0.001**	-0.003	-0.001	0.0	-0.009	-0.007	0.0	0.001	0.001	0	0.0	0	0.0
ZFRA	-0.007	-0.003	**0.001**	-0.007	-0.005	0.001	-0.013	-0.012	0.0	0.001	0.0	0	0.0	0	0.0
Mean	**-0.006**	**-0.003**	**0.001**	**-0.004**	**-0.002**	**0.001**	**-0.005**	**-0.002**	**0.0**	**0.001**	**0.001**	**14597.5**	**28.3**	**1093.1**	**2.1**
Min/Max	**-0.013**	**0.008**	**0.001**	**-0.011**	**0.009**	**0.003**	**-0.02**	**0.029**	**0.006**	**0.002**	**0.006**	**51497**	**100.0**	**13052**	**25.3**

fixing statistic for network NET2

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	91.4	91.0	92.2	93.1	89.8
considering satellites with dual-frequency fixed	89.0	88.4	89.9	90.3	87.3
considering all signals separately	89.2	89.3	89.9	90.5	86.1