summary for network NT12

timeperiod chosen: from 2026-02-16-00:00:00 until 2026-02-16-23:59:59

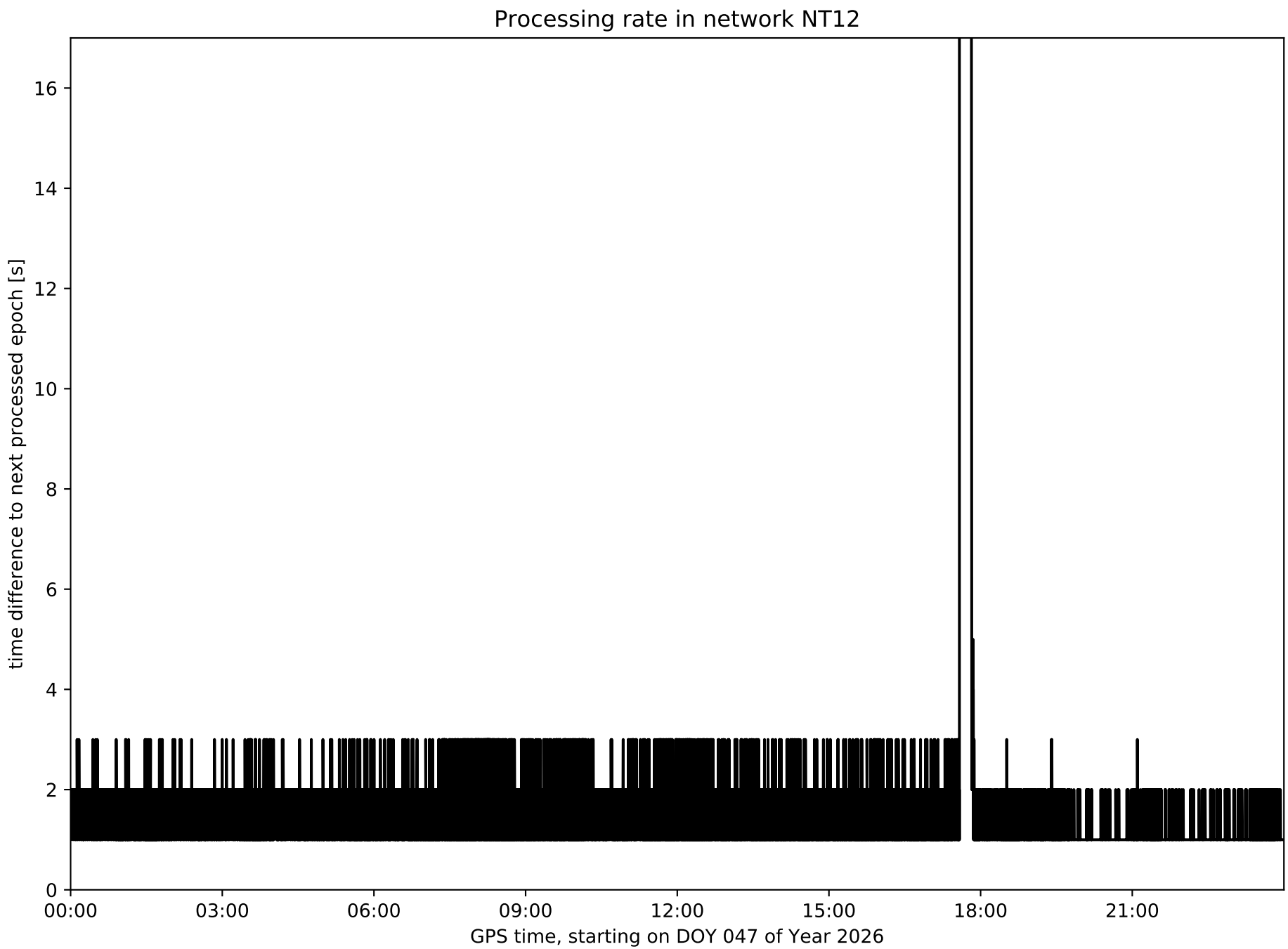
average update rate (durations larger than 15 seconds considered as observation gap): 1.6 seconds

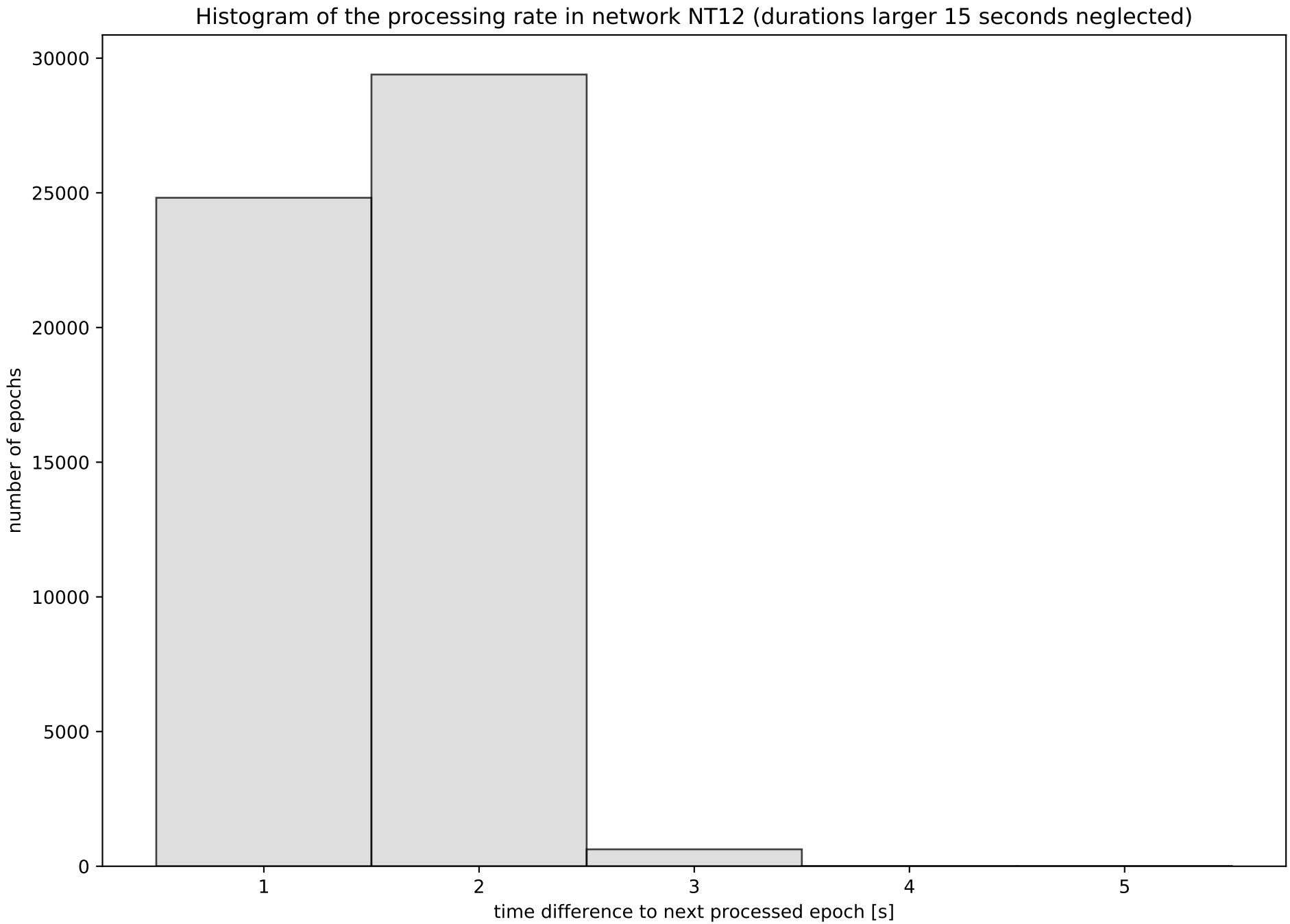
average fixing percentage with threshold set to 0.3: 91.3 percent

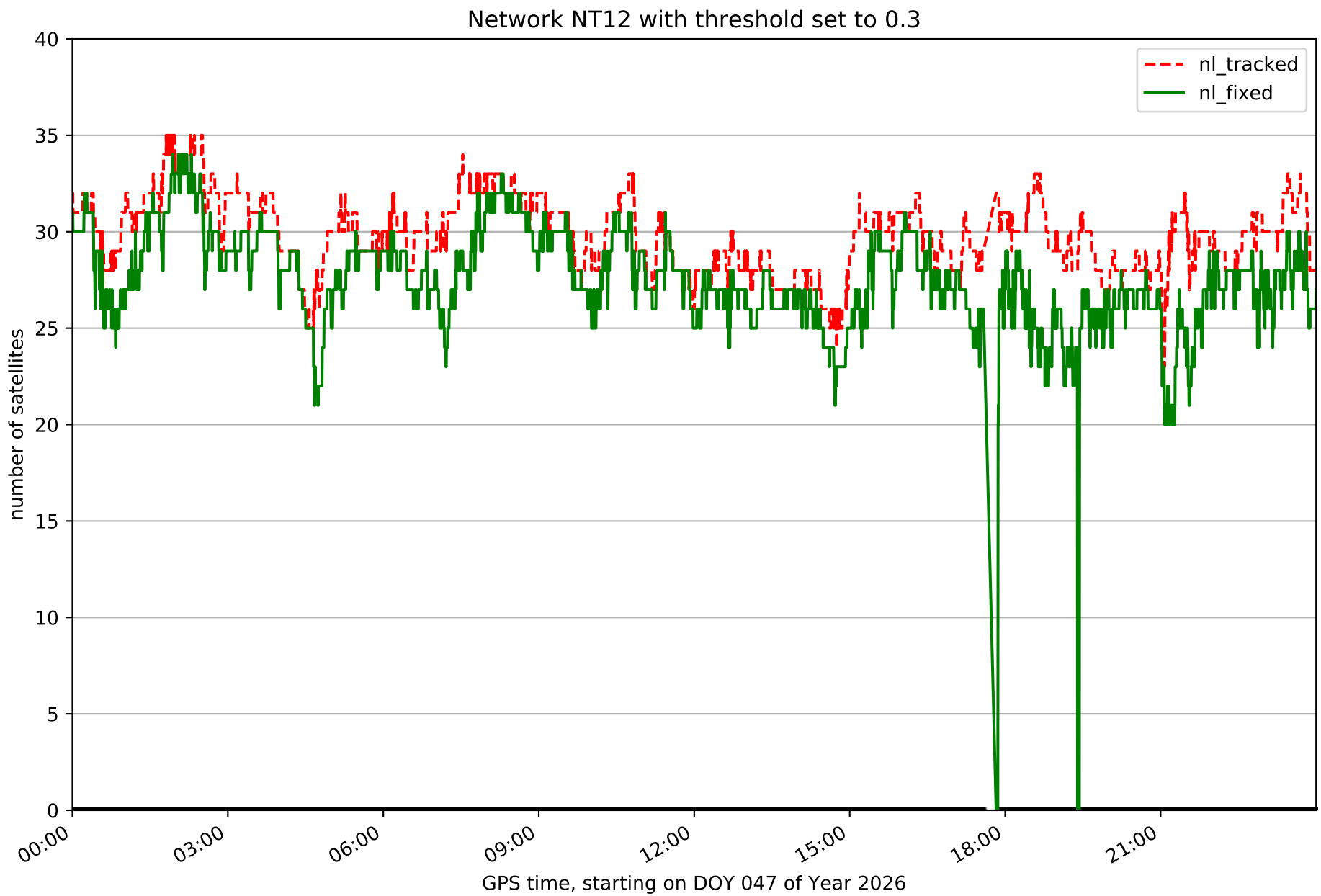
stations available: 14 of 15

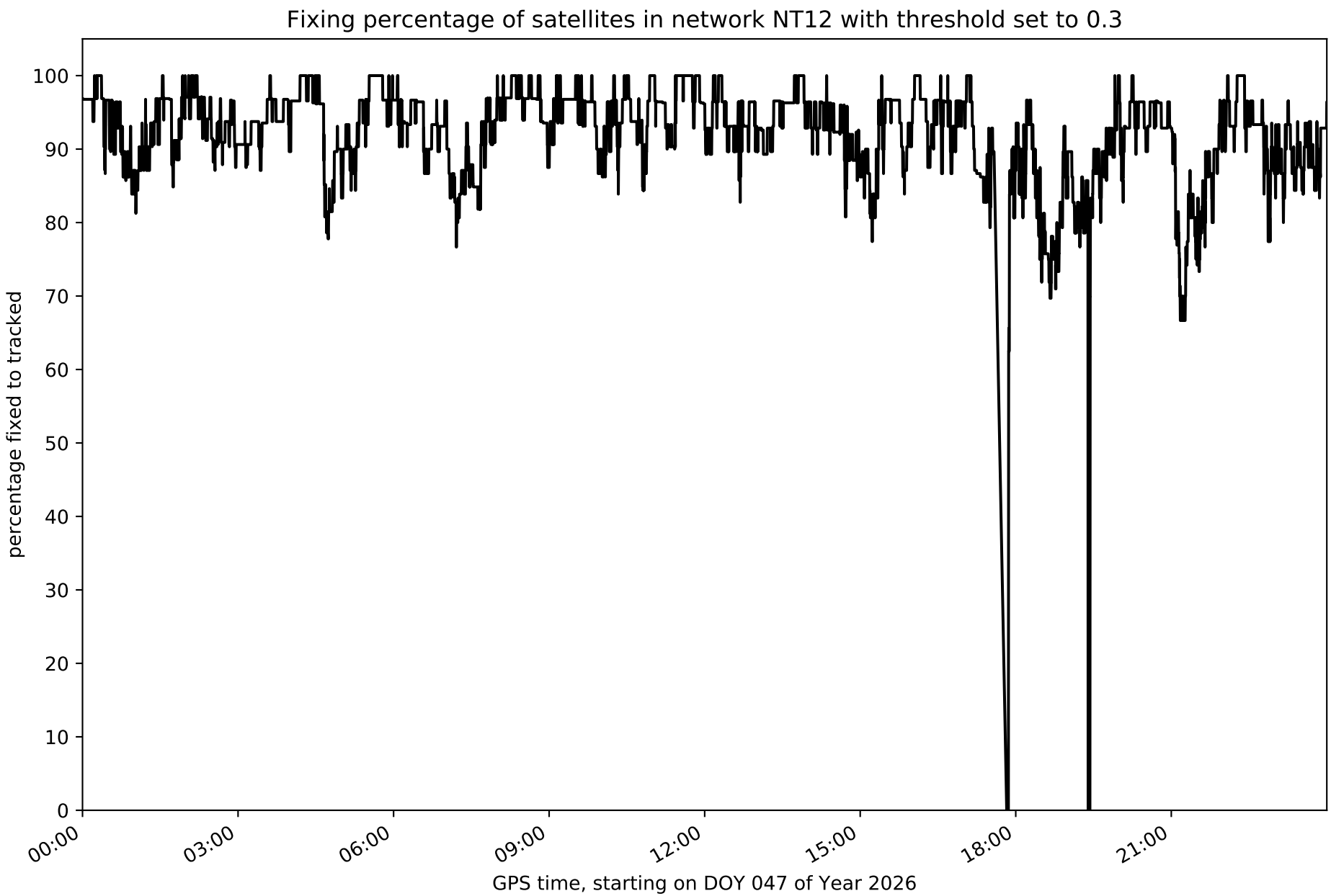
station information:

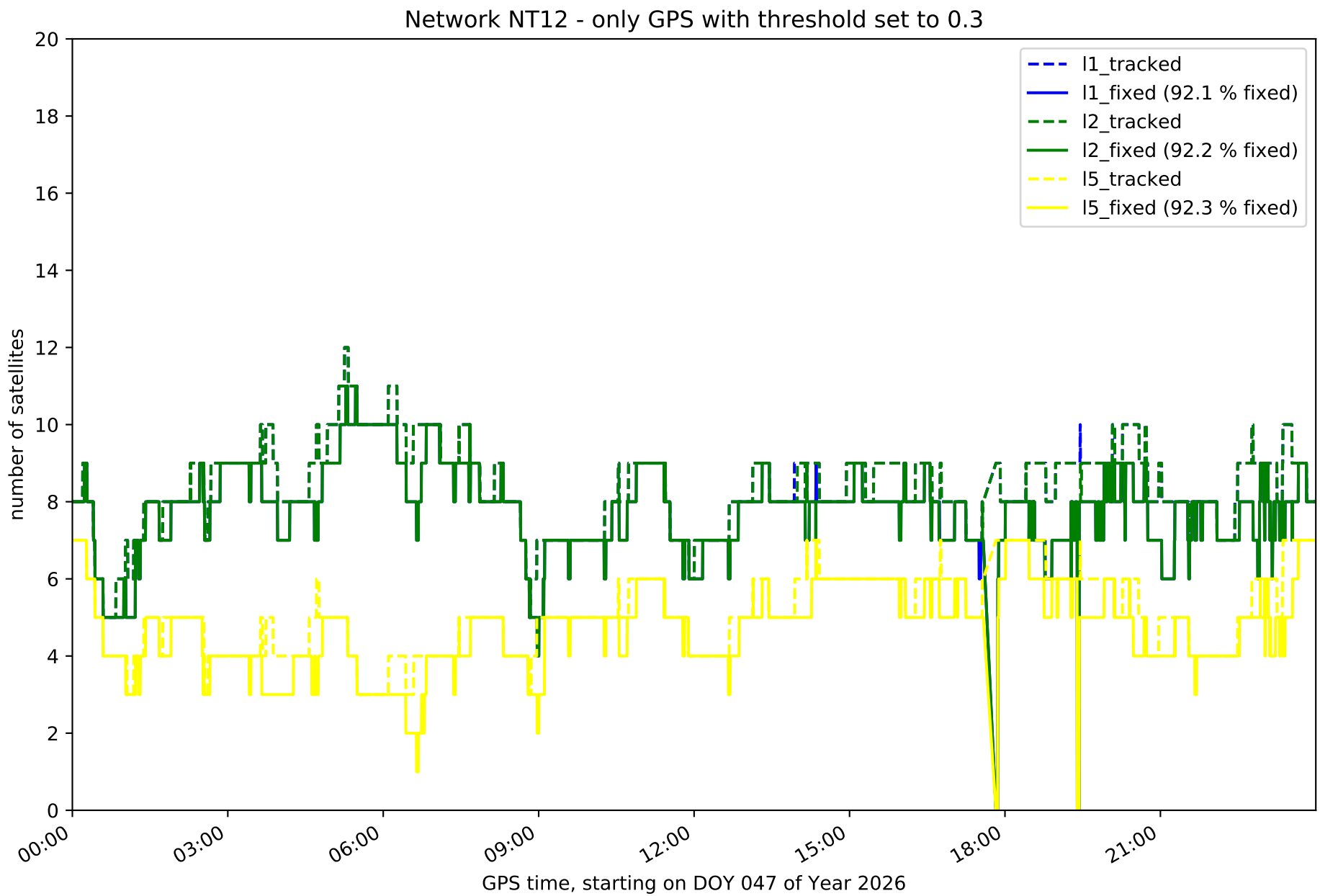
station ALME:	antenna: TRM29659.00	NONE	receiver: TRIMBLE NETR9	height: 130.543
station CAAL:	antenna: LEIAR10	NONE	receiver: LEICA GR25	height: 2210.774
station CABP:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 57.436
station CARG:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 57.381
station CARV:	antenna: LEIAR25.R3	LEIT	receiver: LEICA GR50	height: 902.41
station CDCR:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 1331.71
station CIEZ:	antenna: LEIAT504GG	LEIS	receiver: LEICA GR30	height: 328.356
station GRA1:	antenna: LEIAT504_____	LEIS	receiver: LEICA GR50	height: 823.255
station HUOV:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 352.192
station MAZA:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 105.111
station MUL1:	antenna: LEIAR25	LEIT	receiver: LEICA GR30	height: 332.101
station MURC:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 125.201
station PALC:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 916.939
station UJAE:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 527.754
station VICA:	antenna: LEIAR20	LEIM	receiver: LEICA GR25	height: 852.502

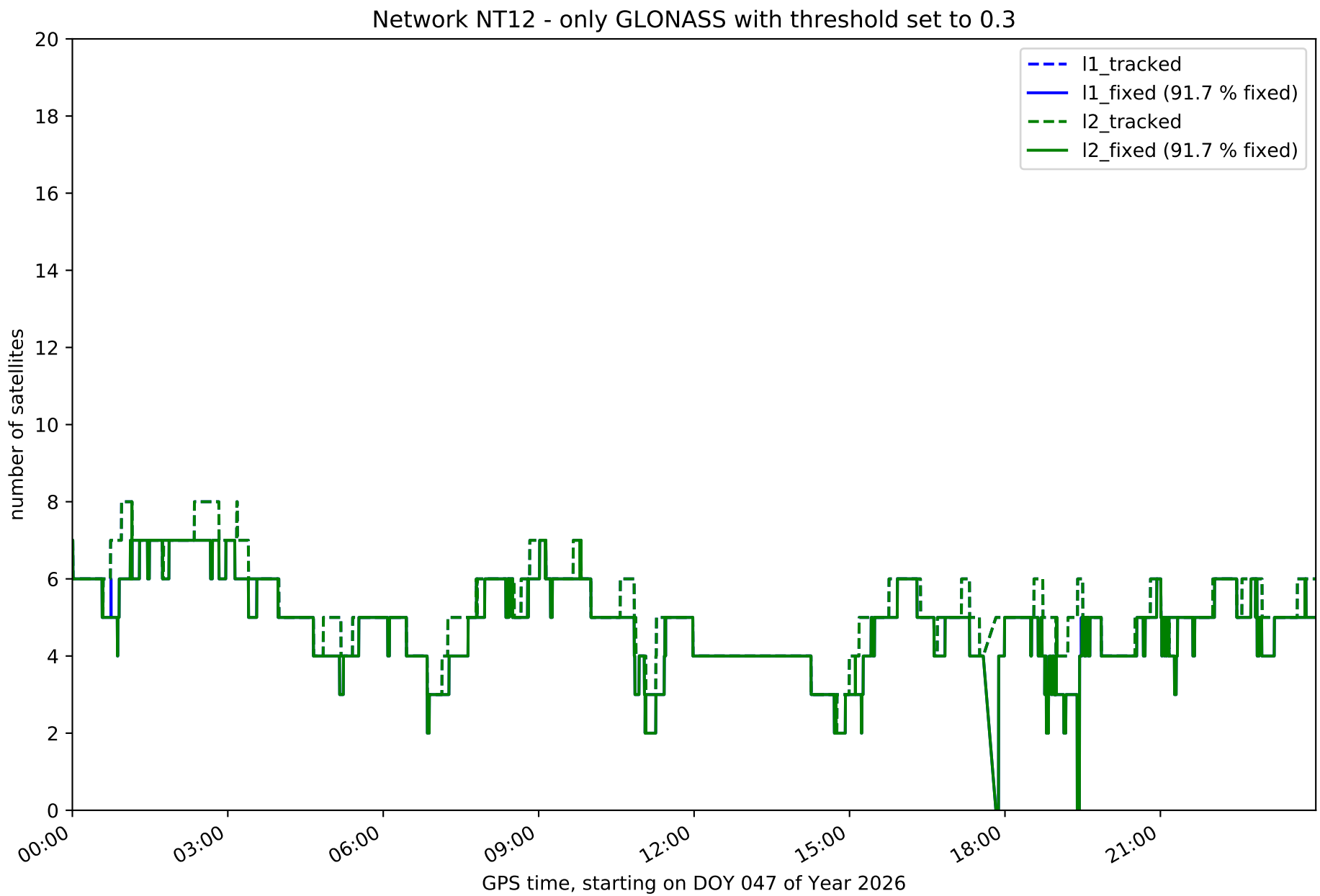

Processing rate in network NT12
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

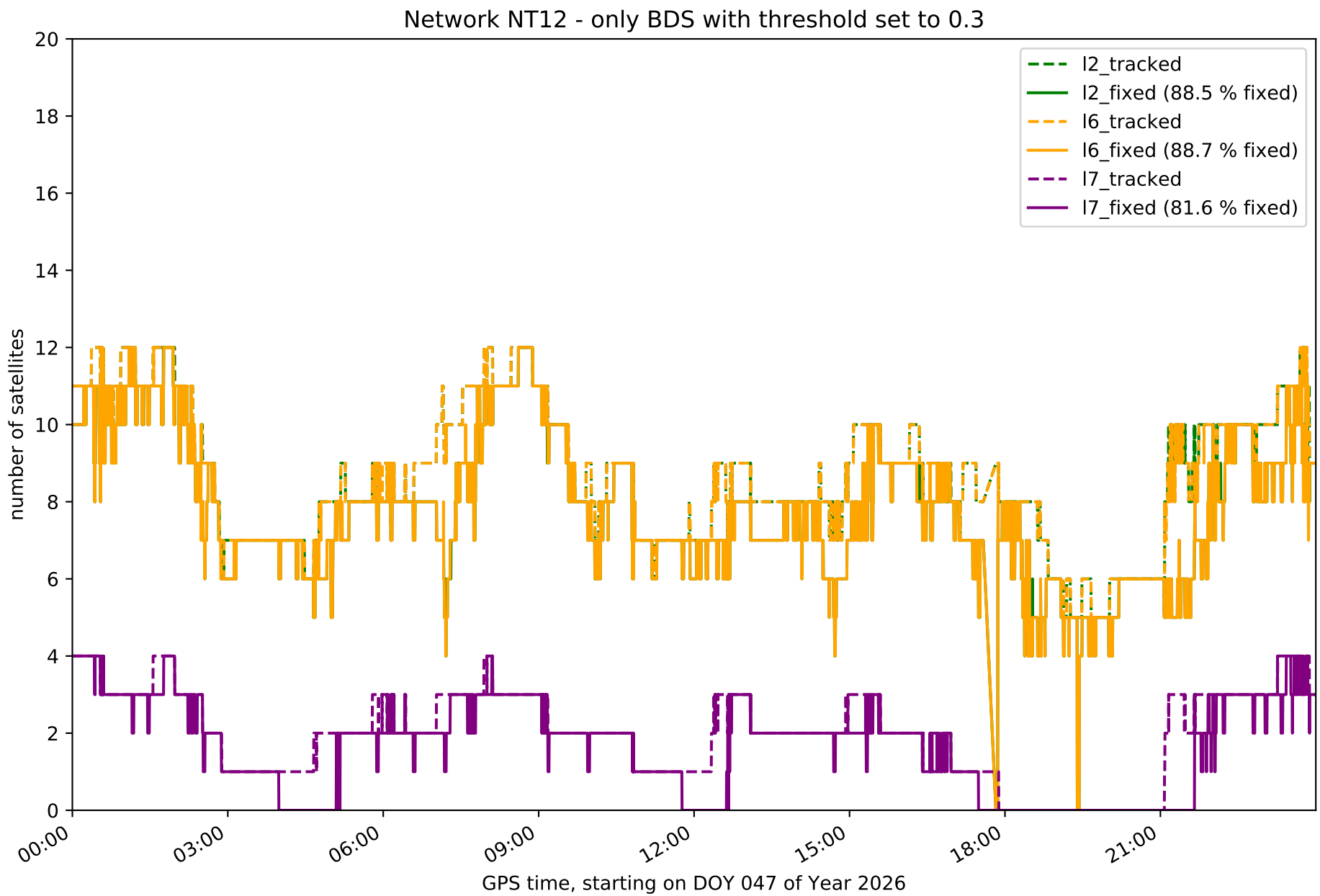

Histogram of the processing rate in network NT12 (durations larger 15 seconds neglected)
number of epochs
30000
25000
20000
15000
10000
5000
0
1
2
3
4
5
time difference to next processed epoch [s]

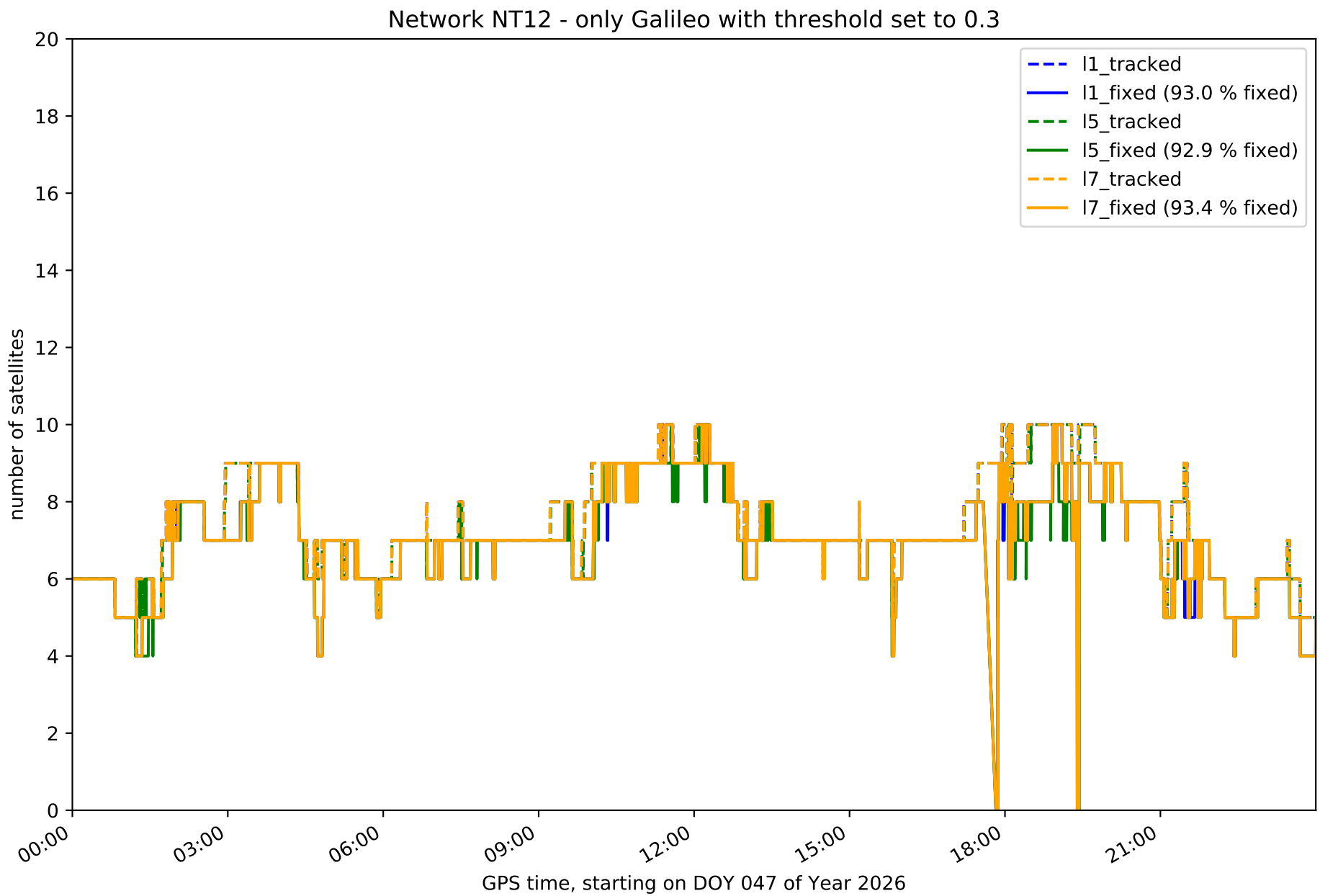

Network NT12 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

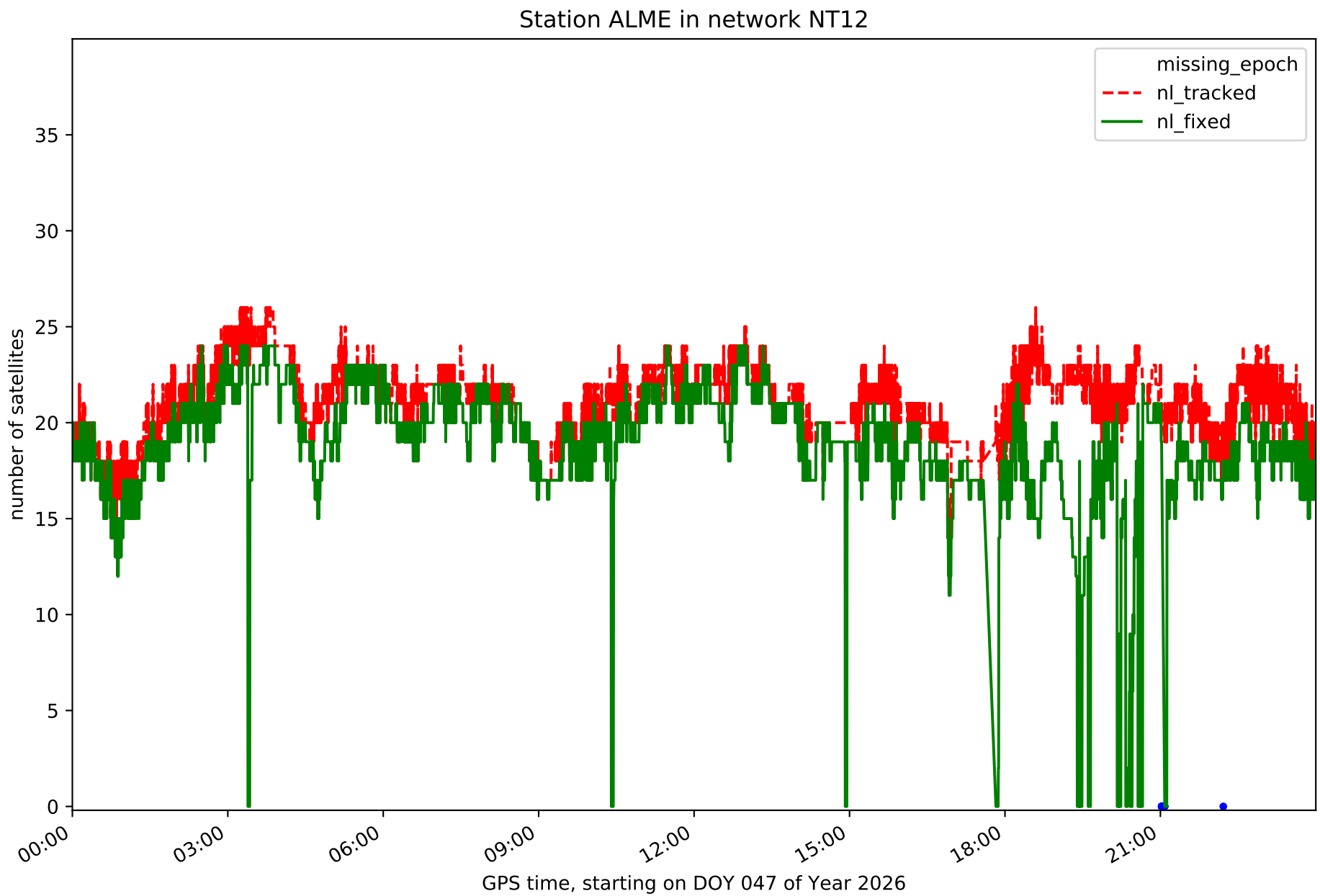

Fixing percentage of satellites in network NT12 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

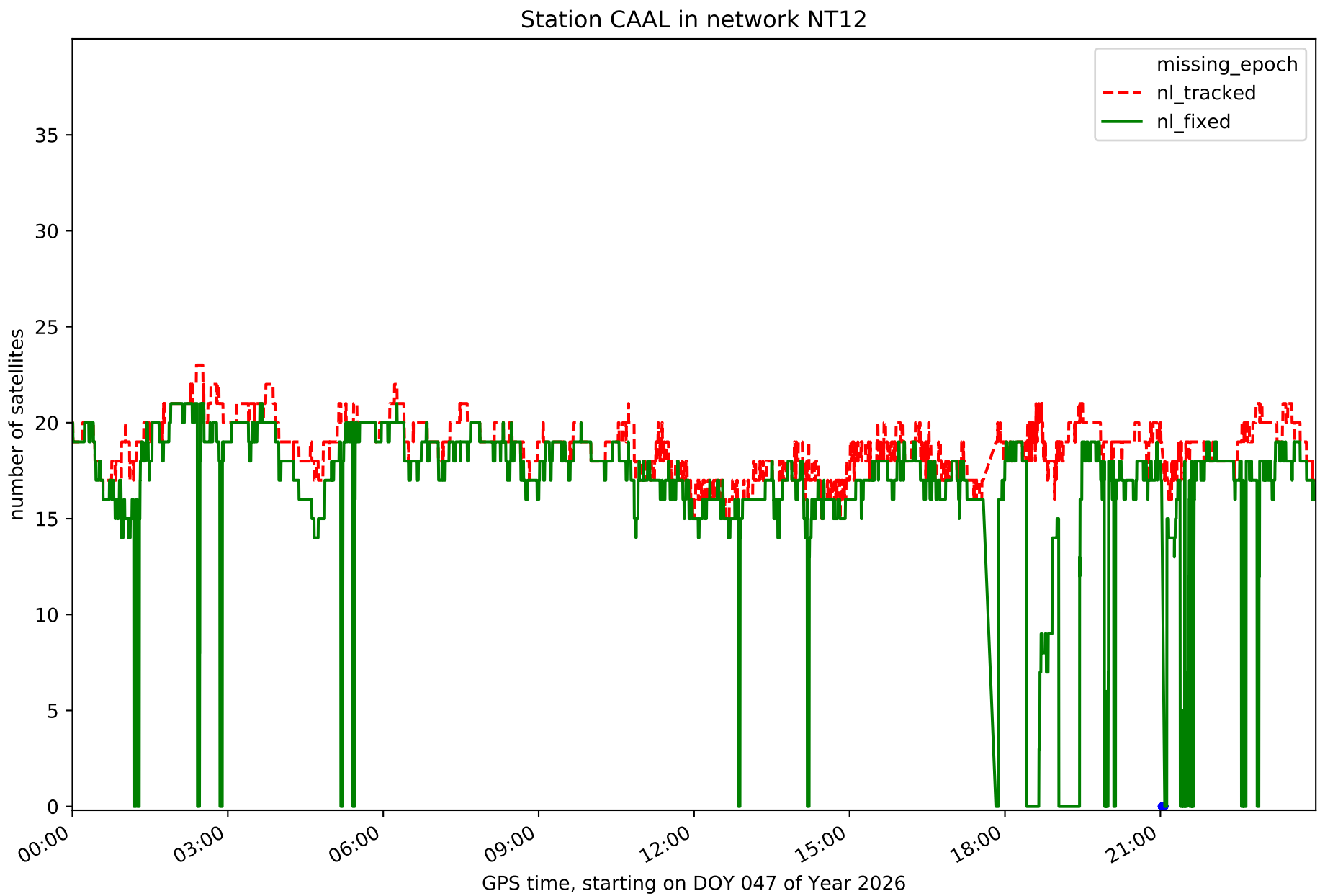

Network NT12 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (92.1 % fixed)
l2_tracked
l2_fixed (92.2 % fixed)
l5_tracked
l5_fixed (92.3 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

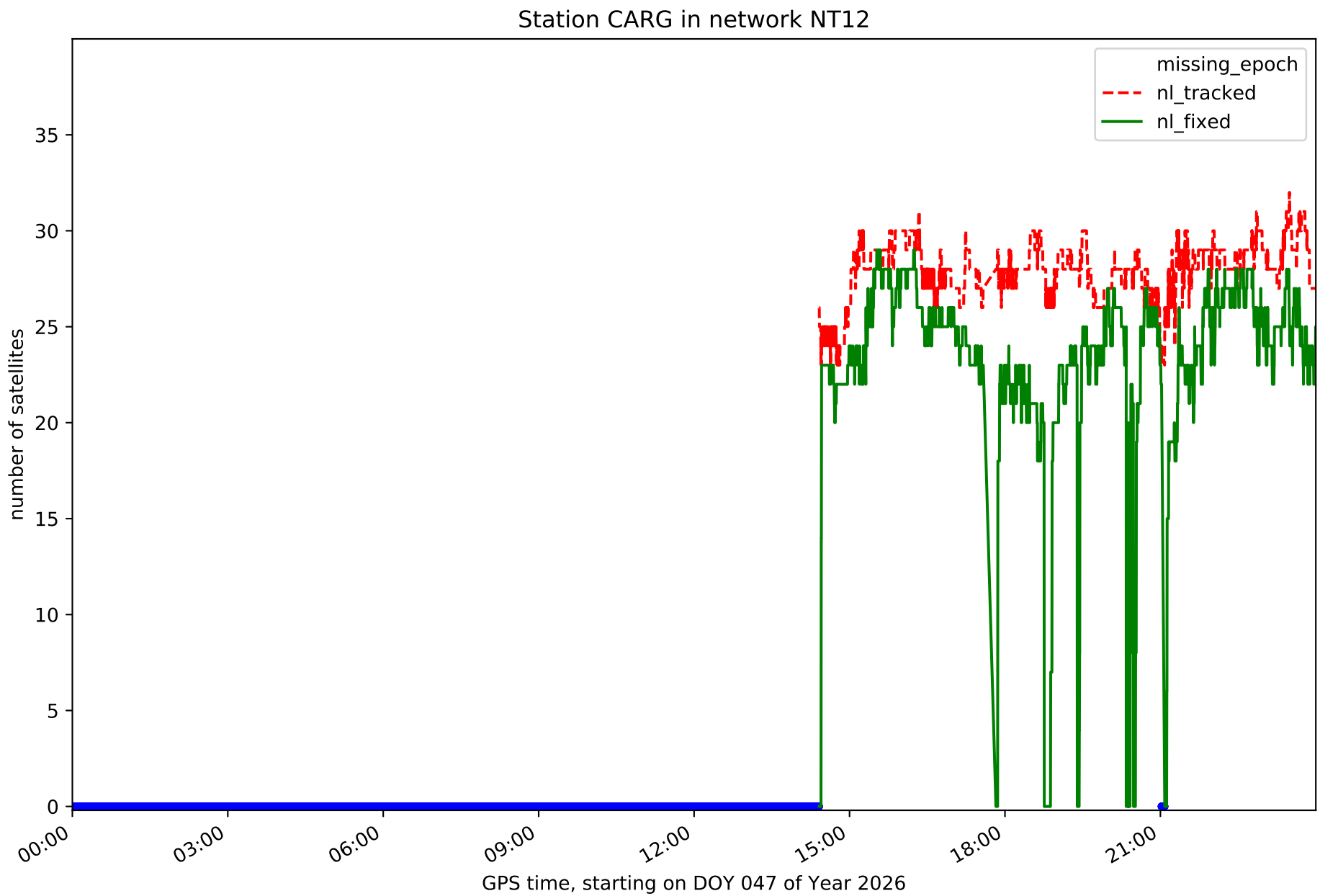

Network NT12 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (91.7 % fixed)
l2_tracked
l2_fixed (91.7 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

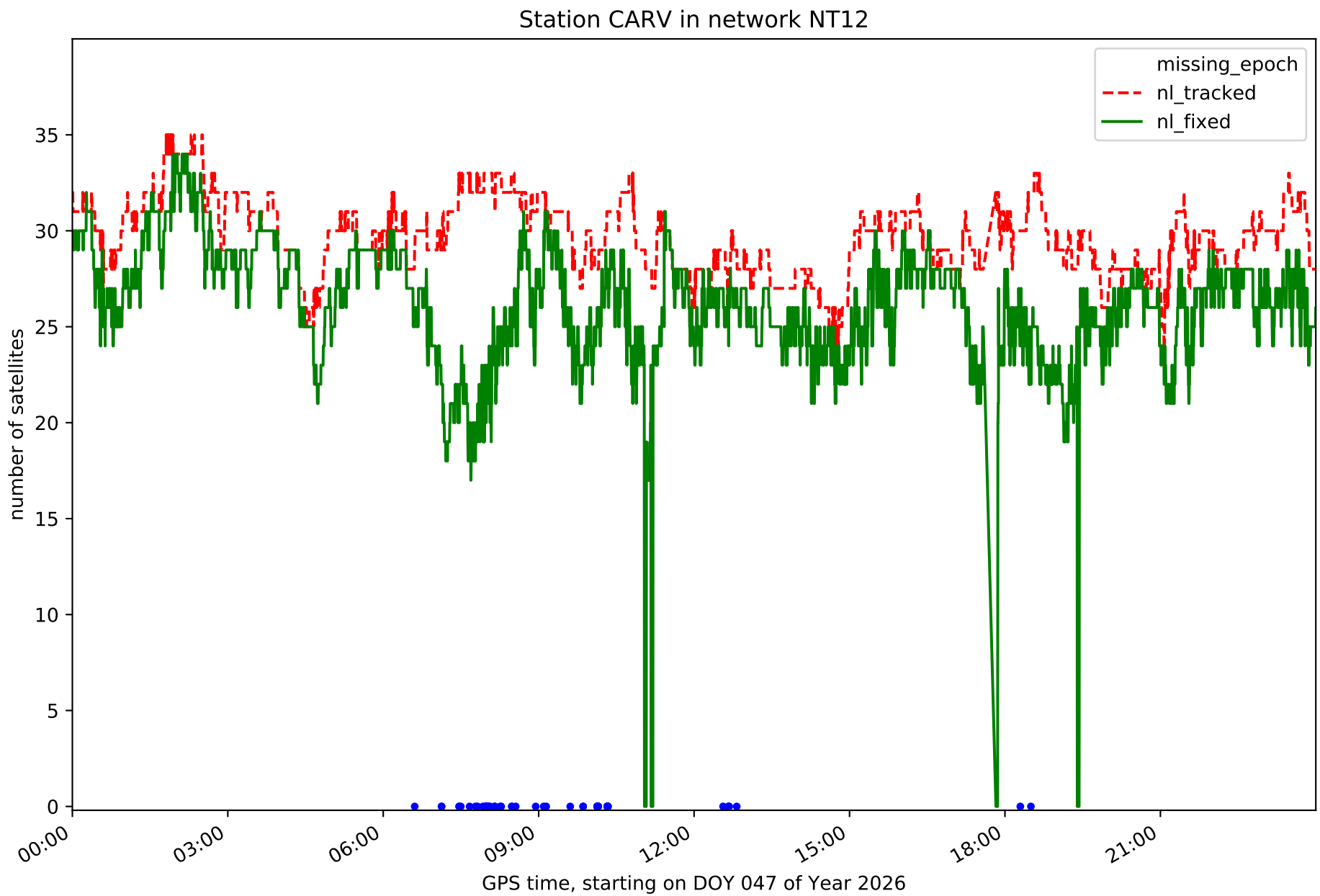

Network NT12 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 047 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
I2_tracked
I2_fixed (88.5 % fixed)
I6_tracked
I6_fixed (88.7 % fixed)
I7_tracked
I7_fixed (81.6 % fixed)

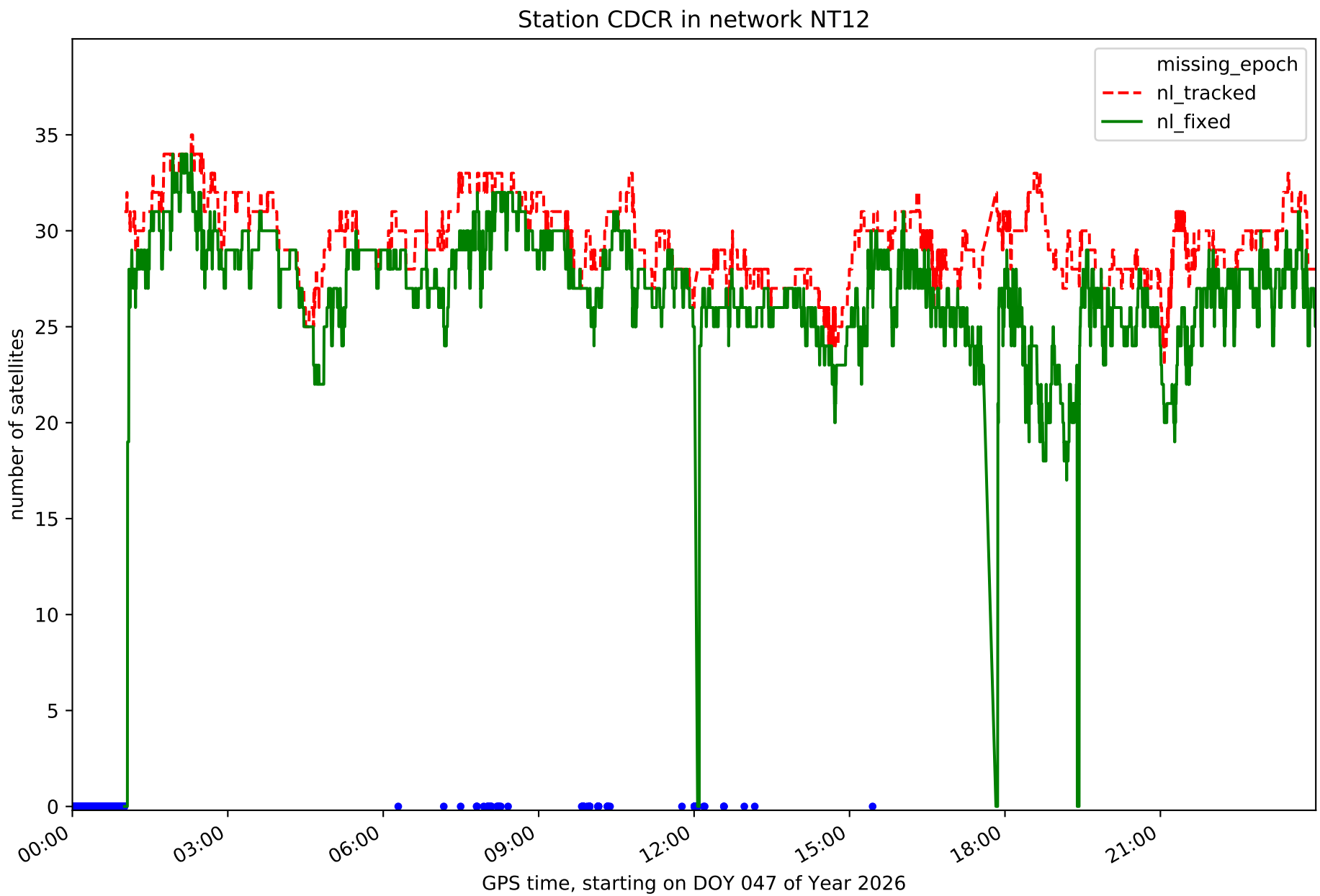

Network NT12 - only Galileo with threshold set to 0.3
l1_tracked
l1_fixed (93.0 % fixed)
l5_tracked
l5_fixed (92.9 % fixed)
l7_tracked
l7_fixed (93.4 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

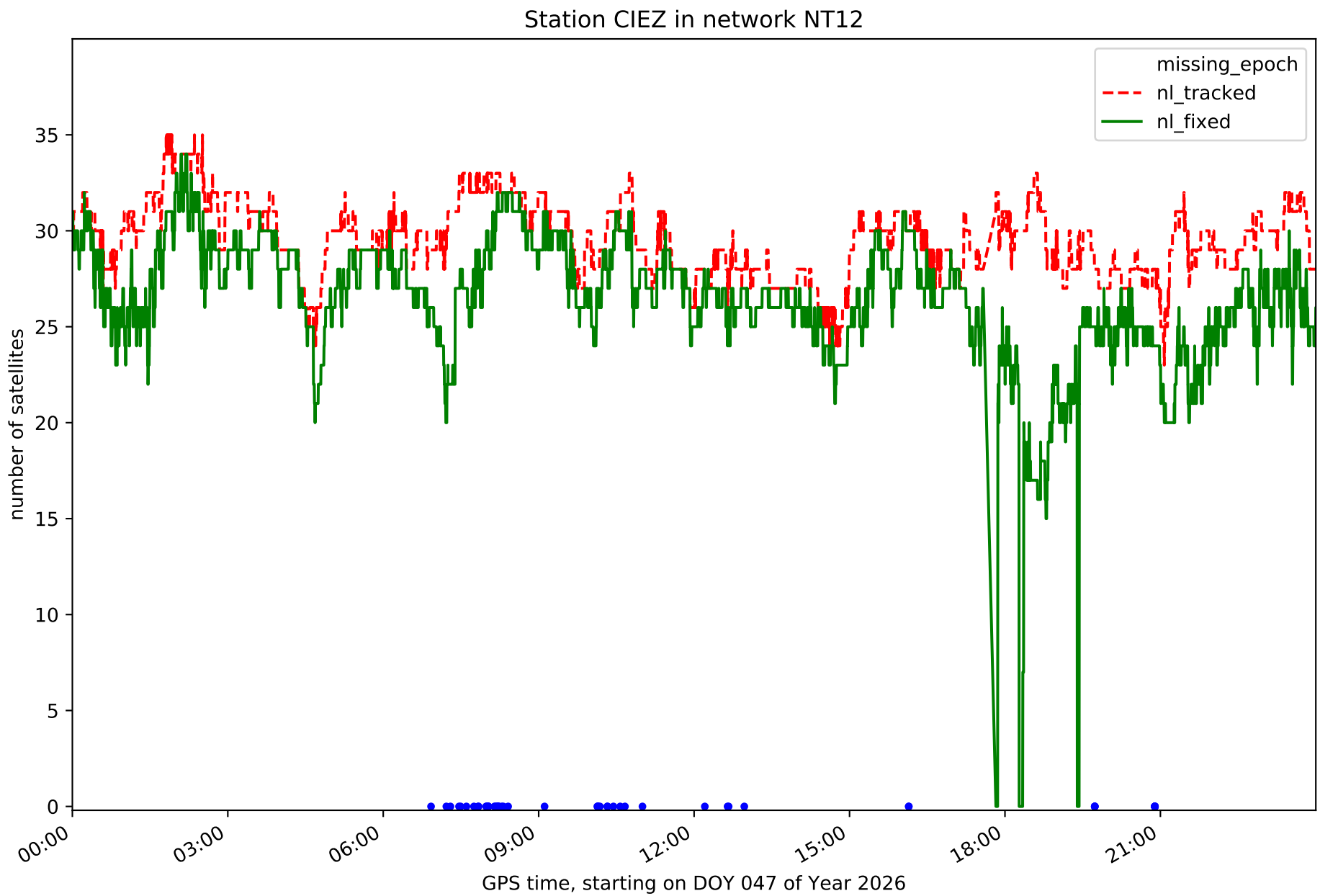

Station ALME in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

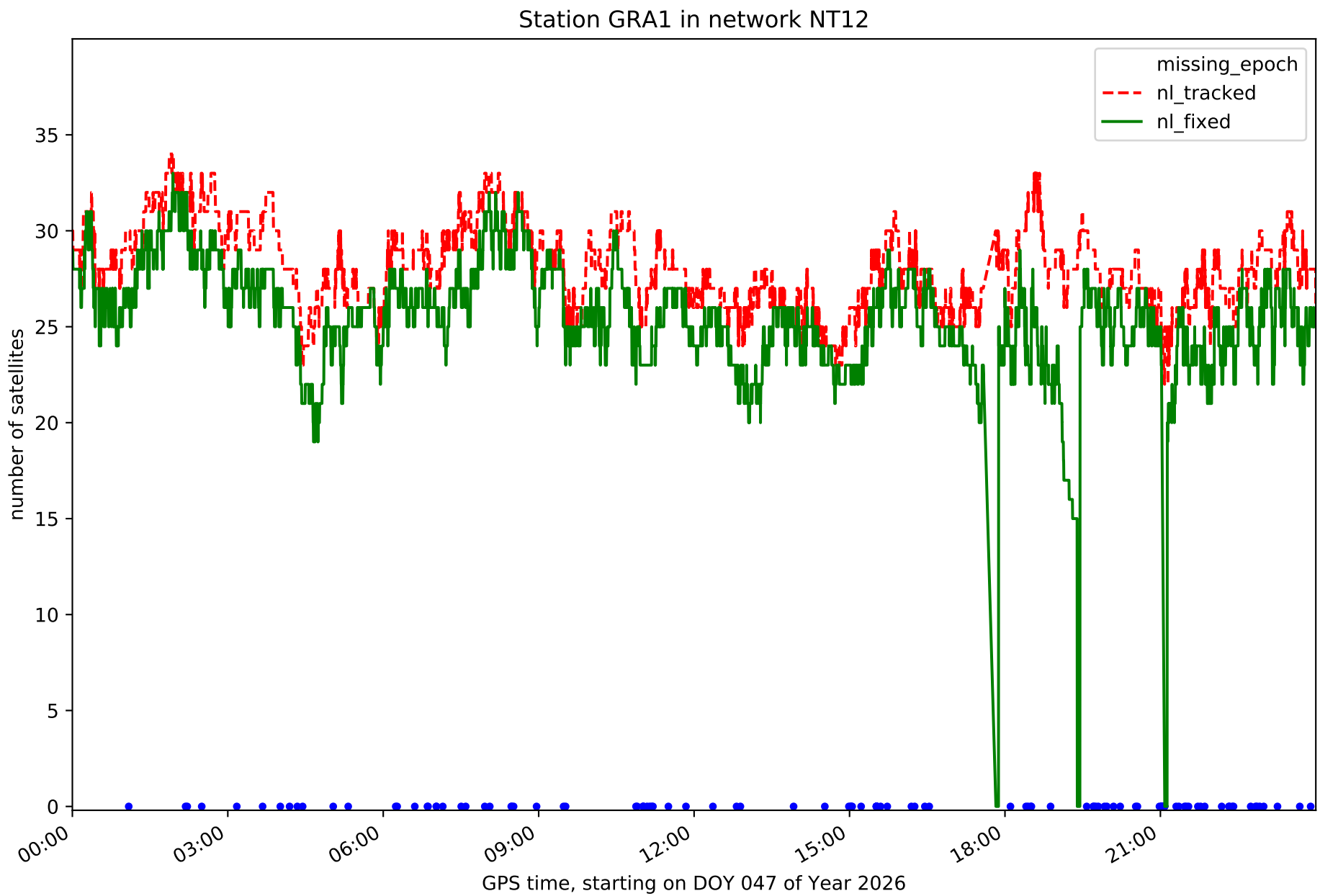

Station CAAL in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

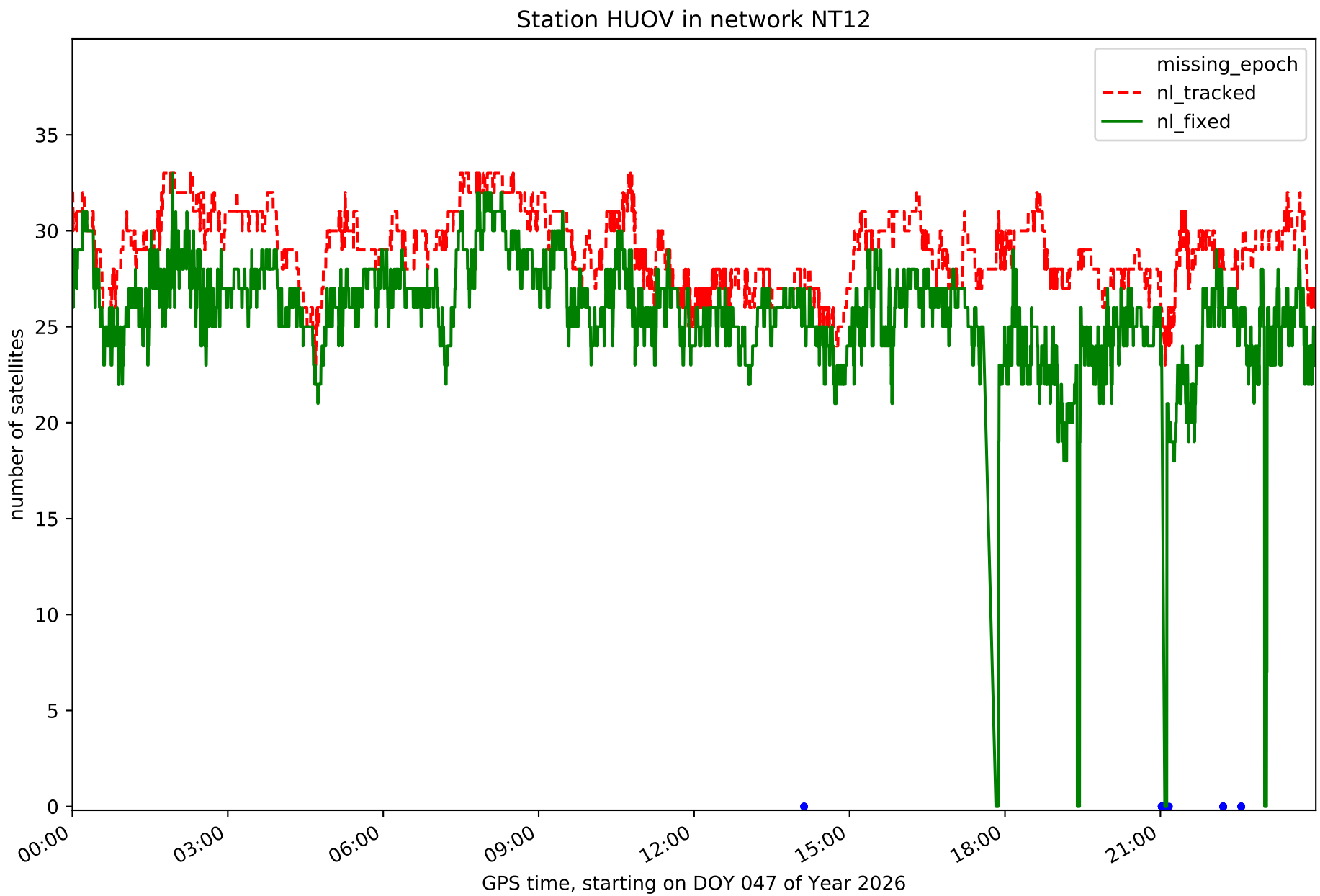

Station CARG in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

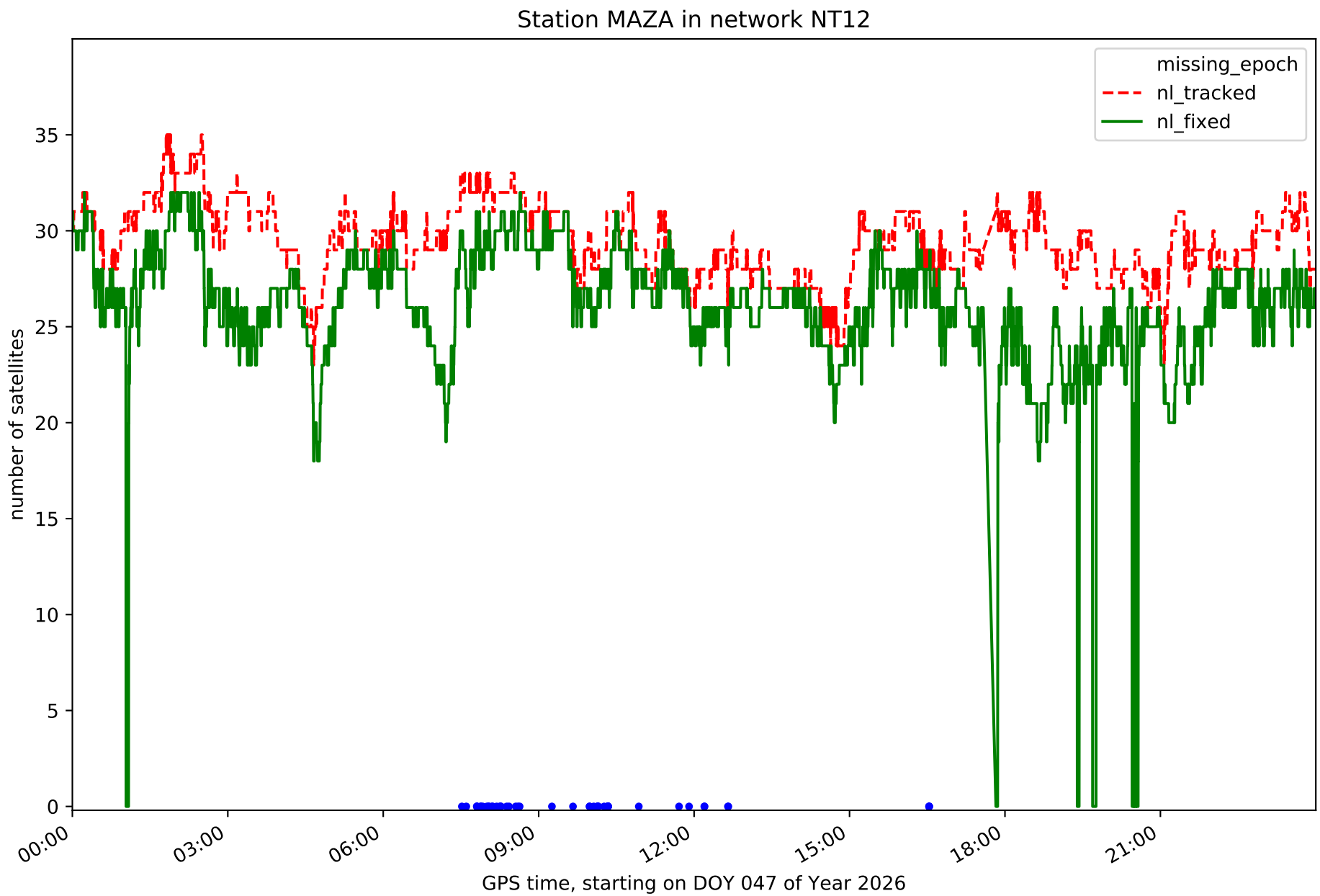

Station CARV in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

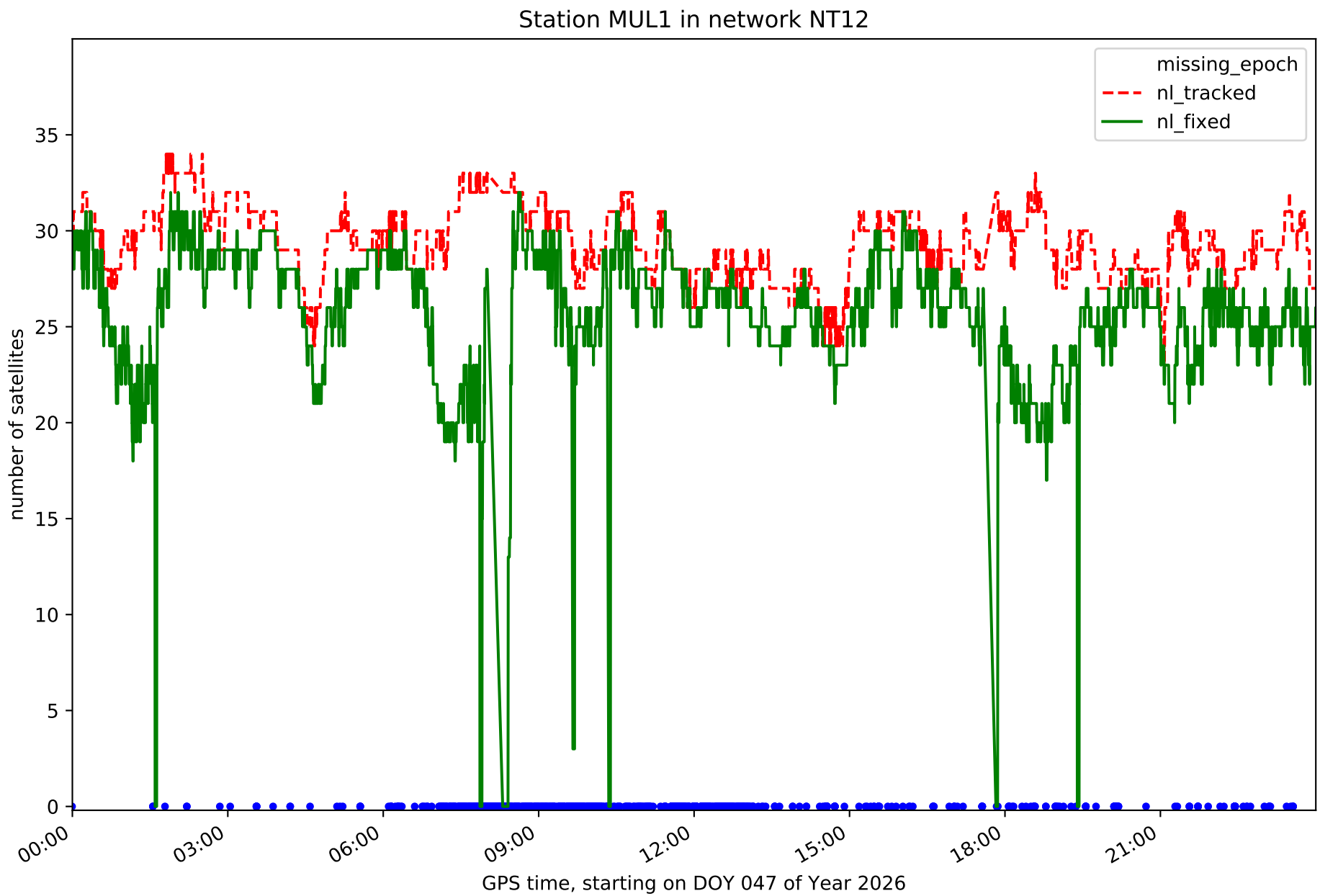

Station CDCR in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

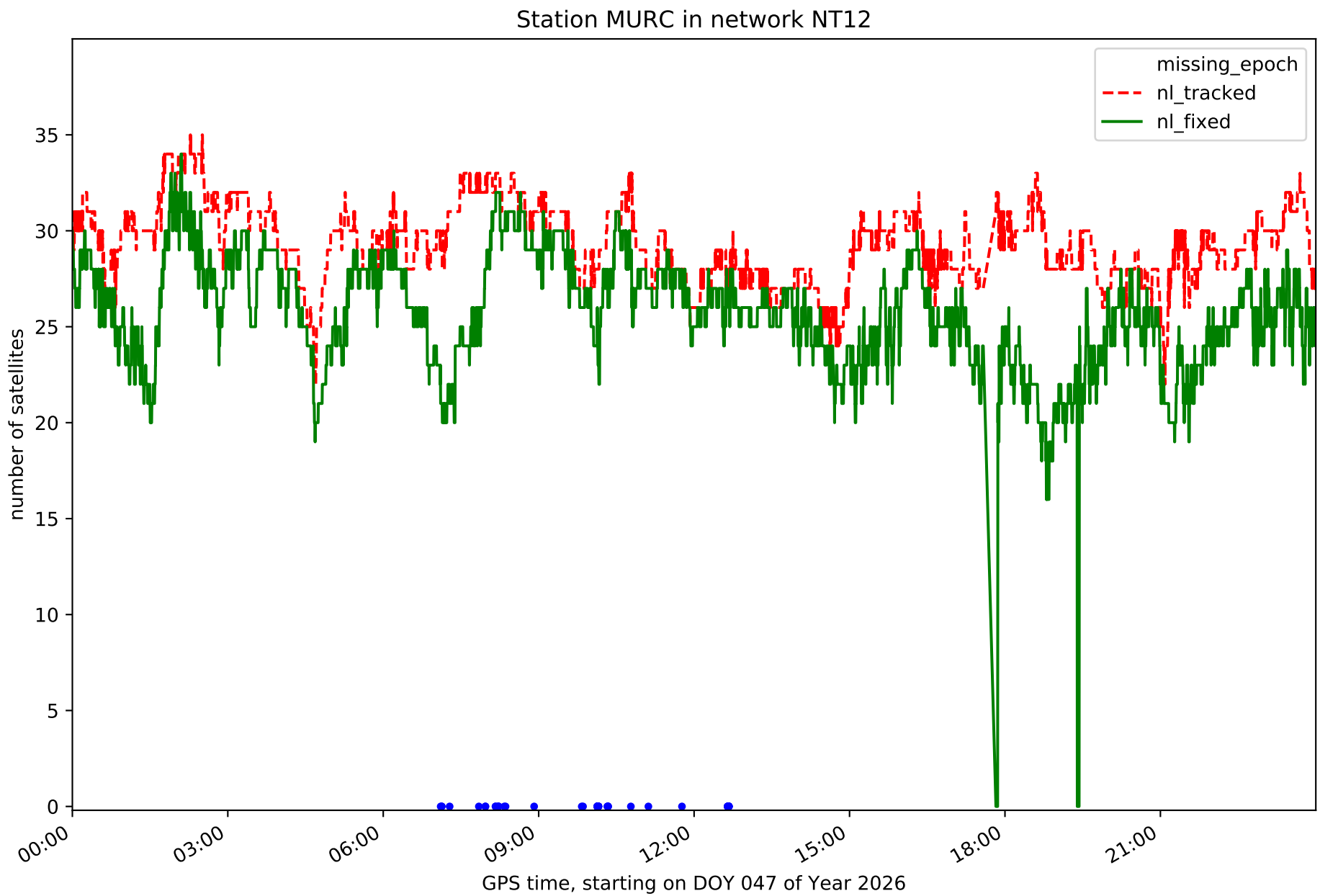

Station CIEZ in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

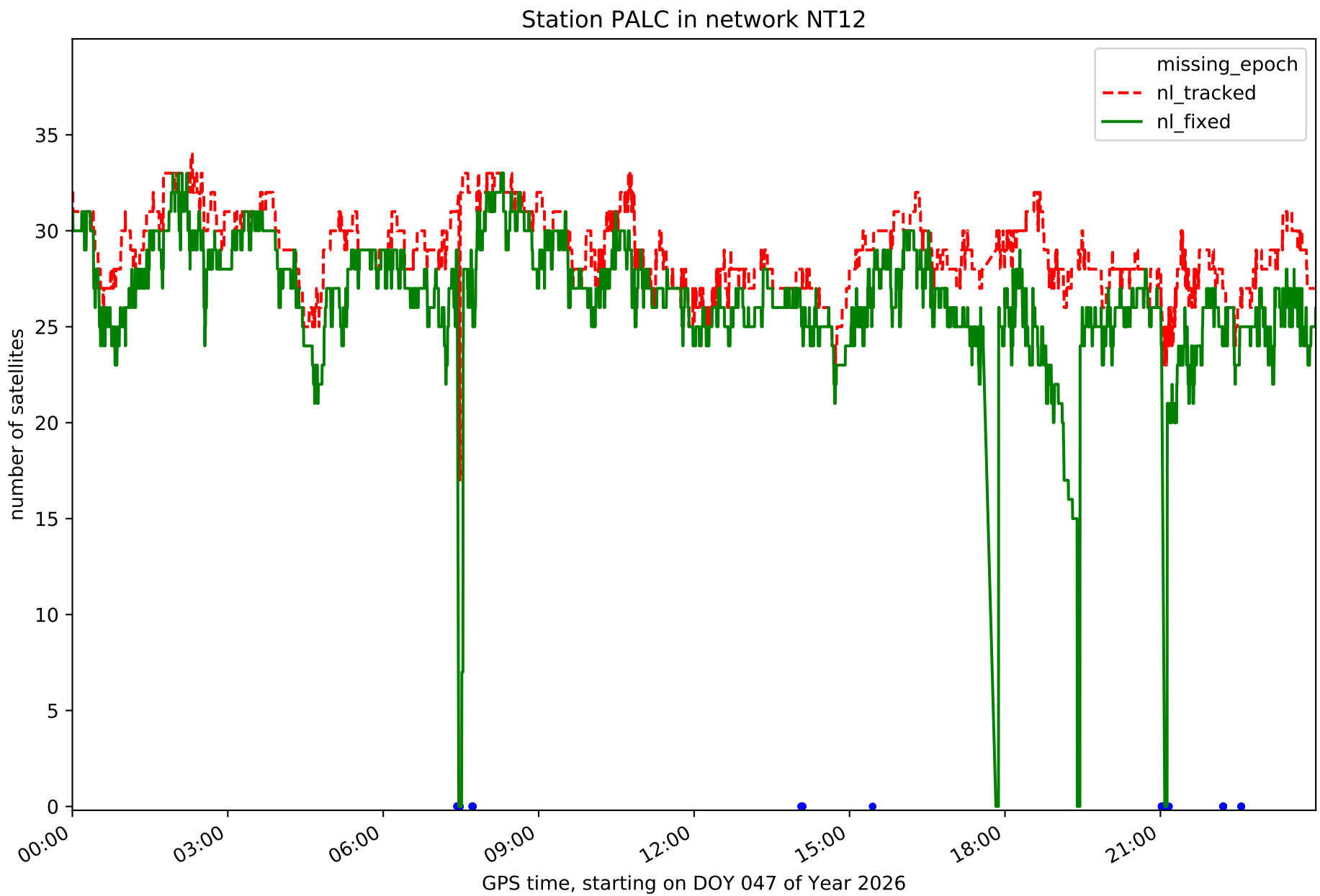

Station GRA1 in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

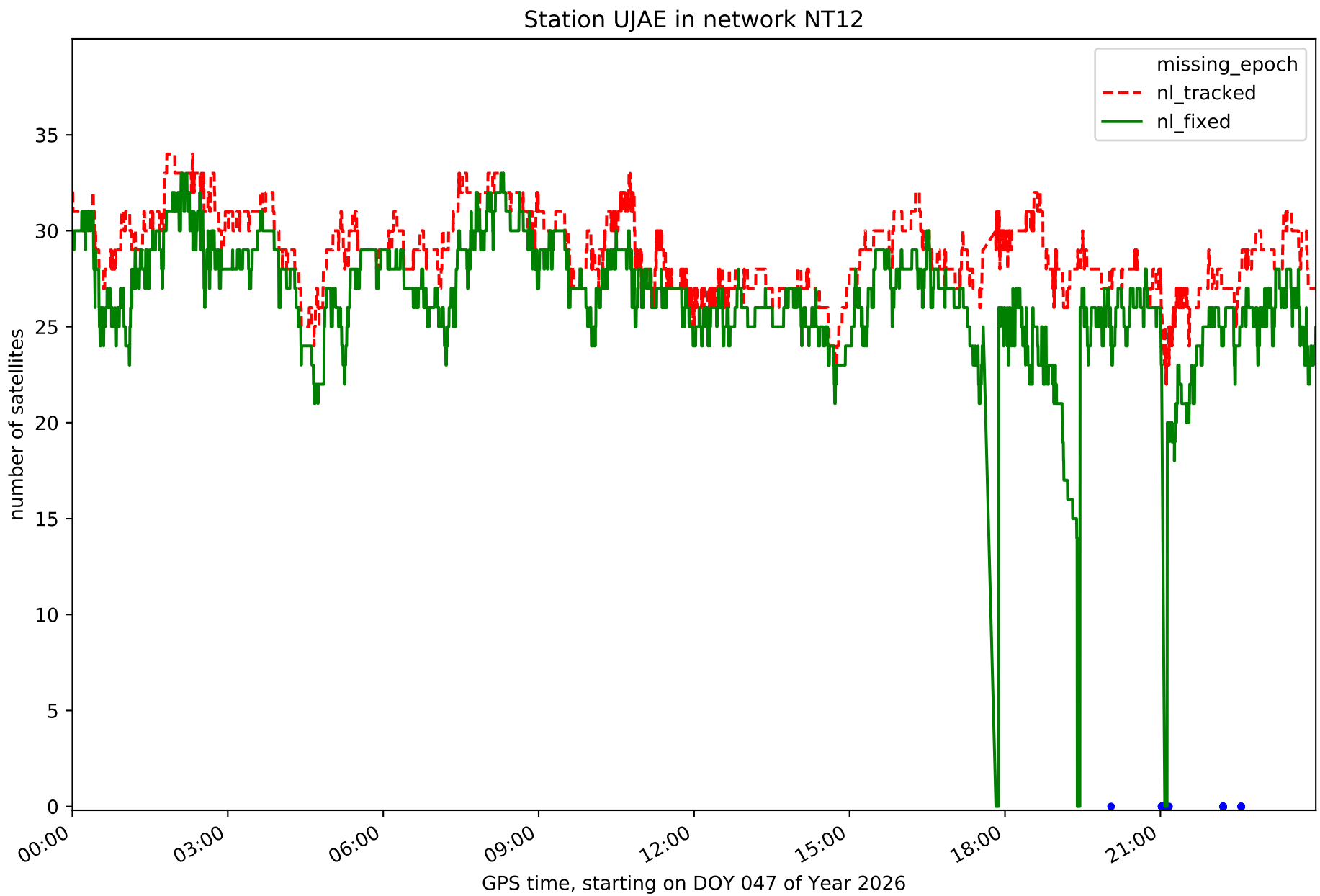

Station HUOV in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

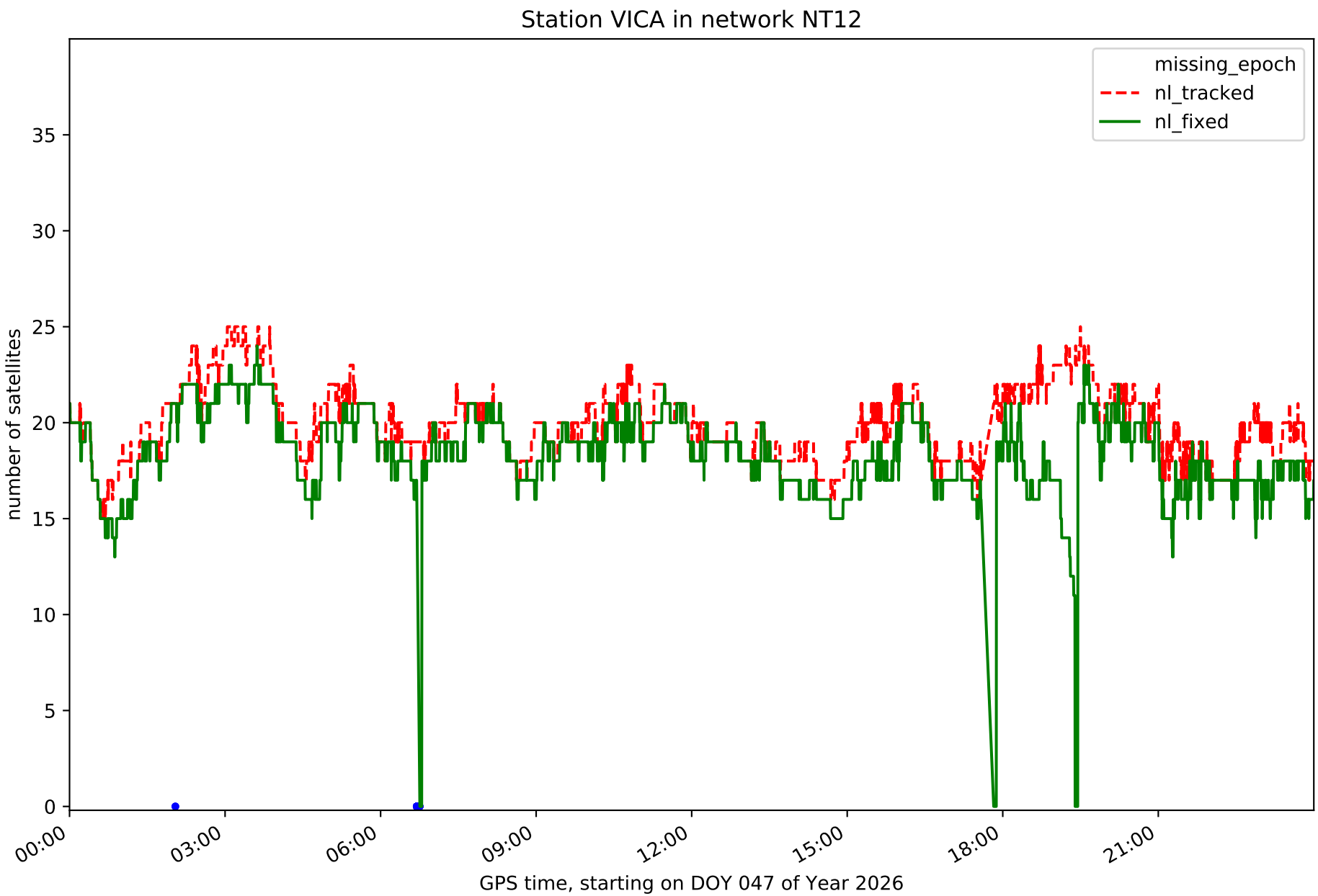

Station MAZA in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

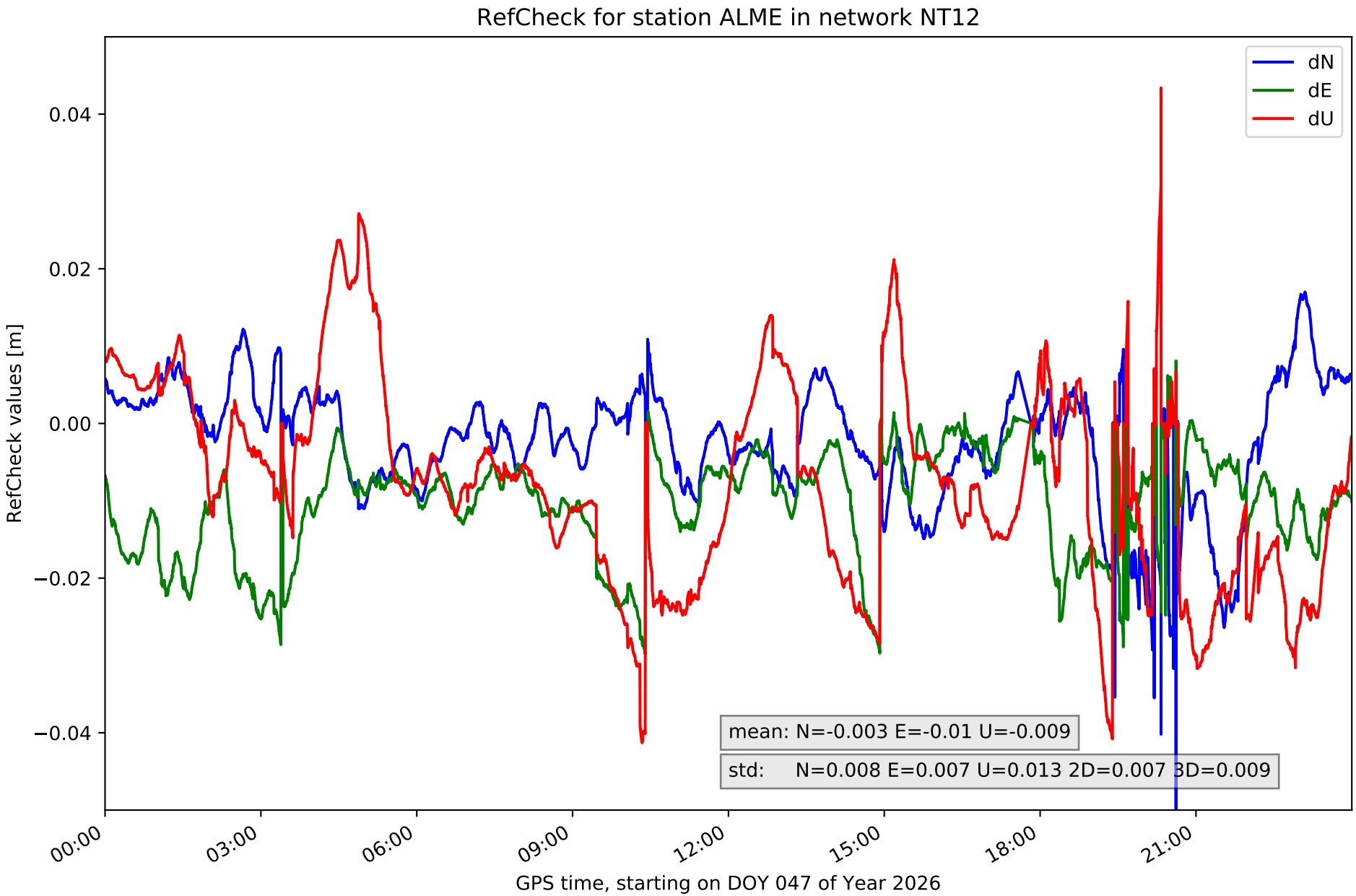

Station MUL1 in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

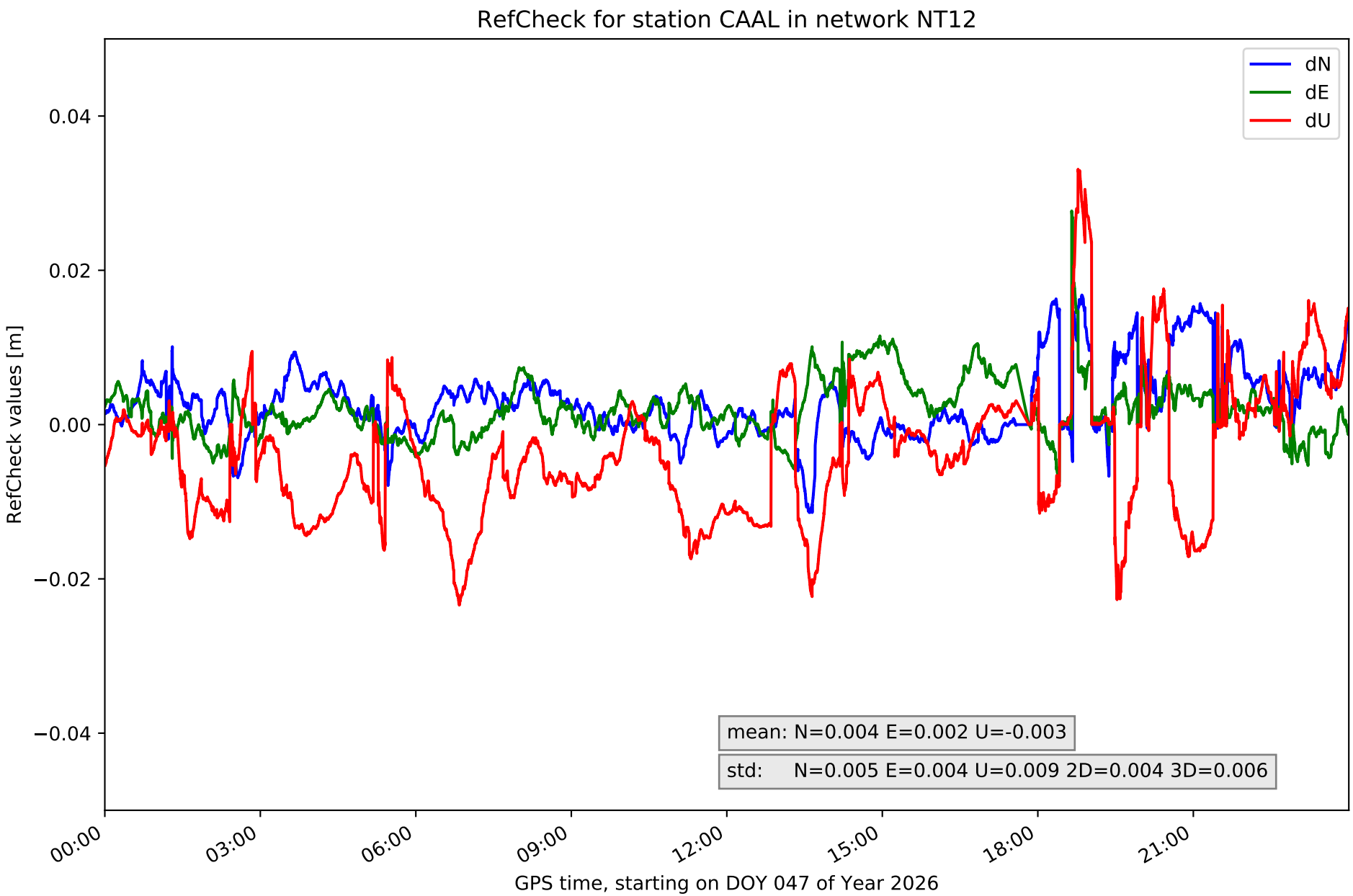

Station MURC in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

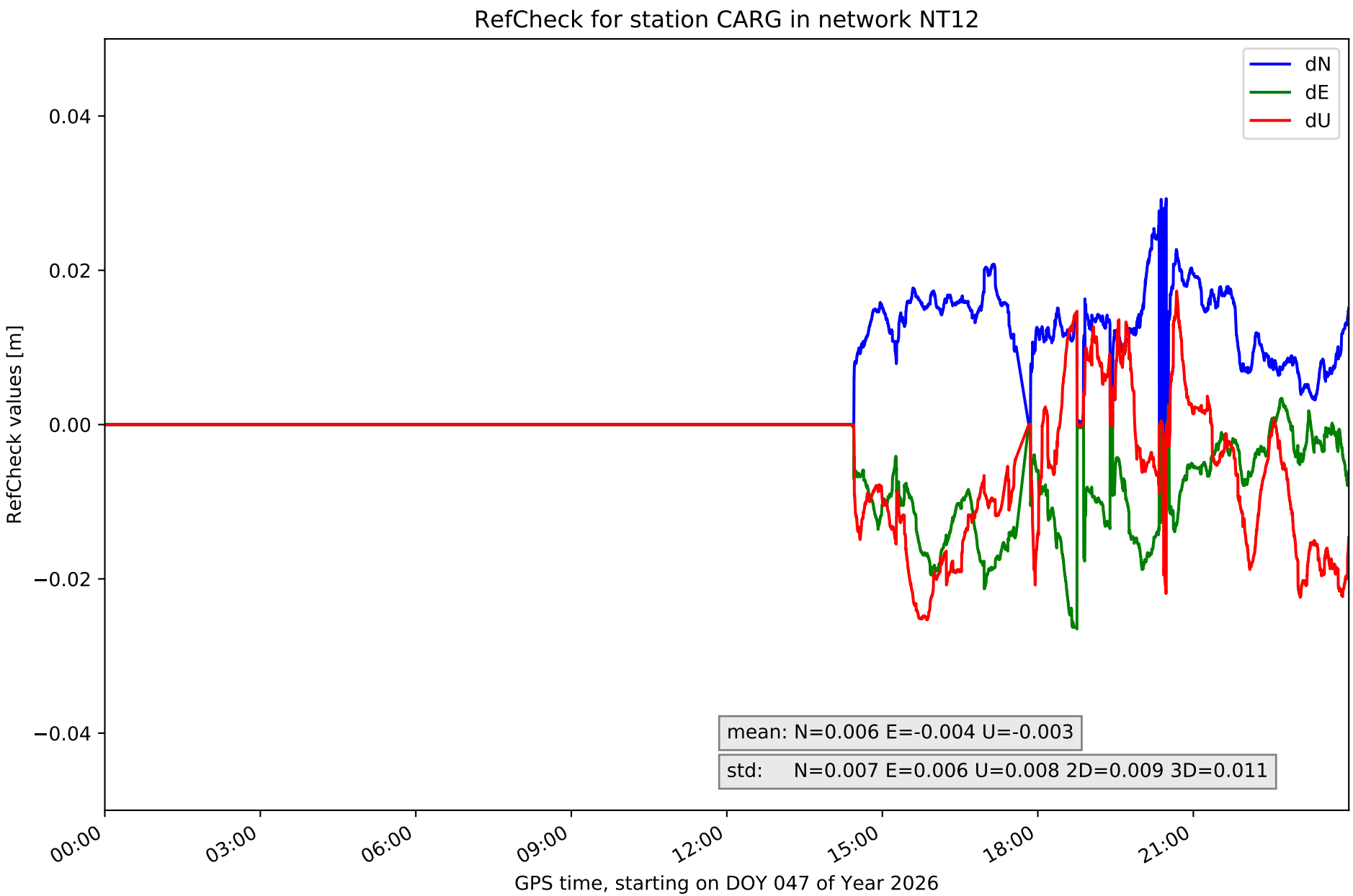

Station PALC in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

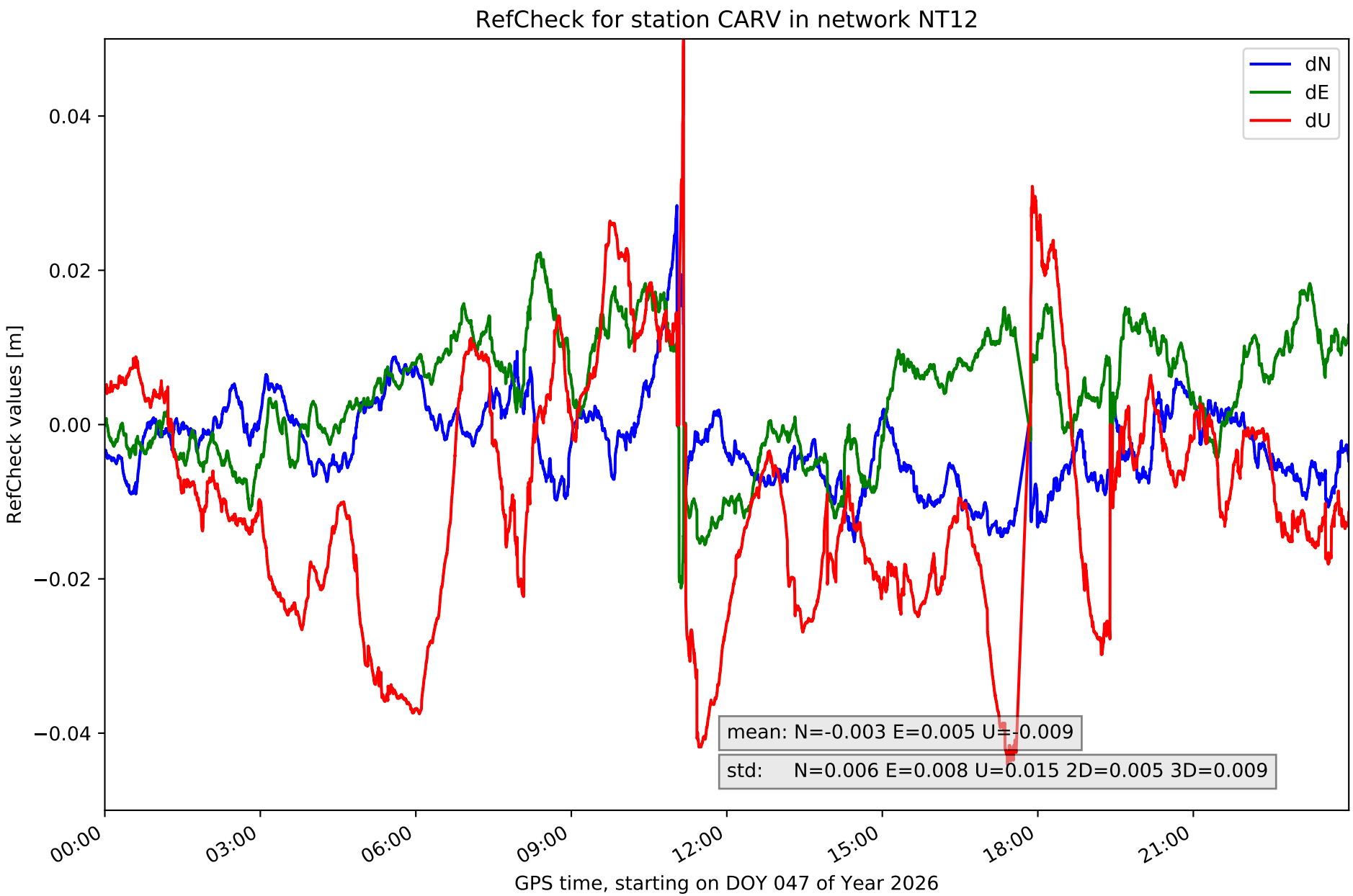

Station UJAE in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

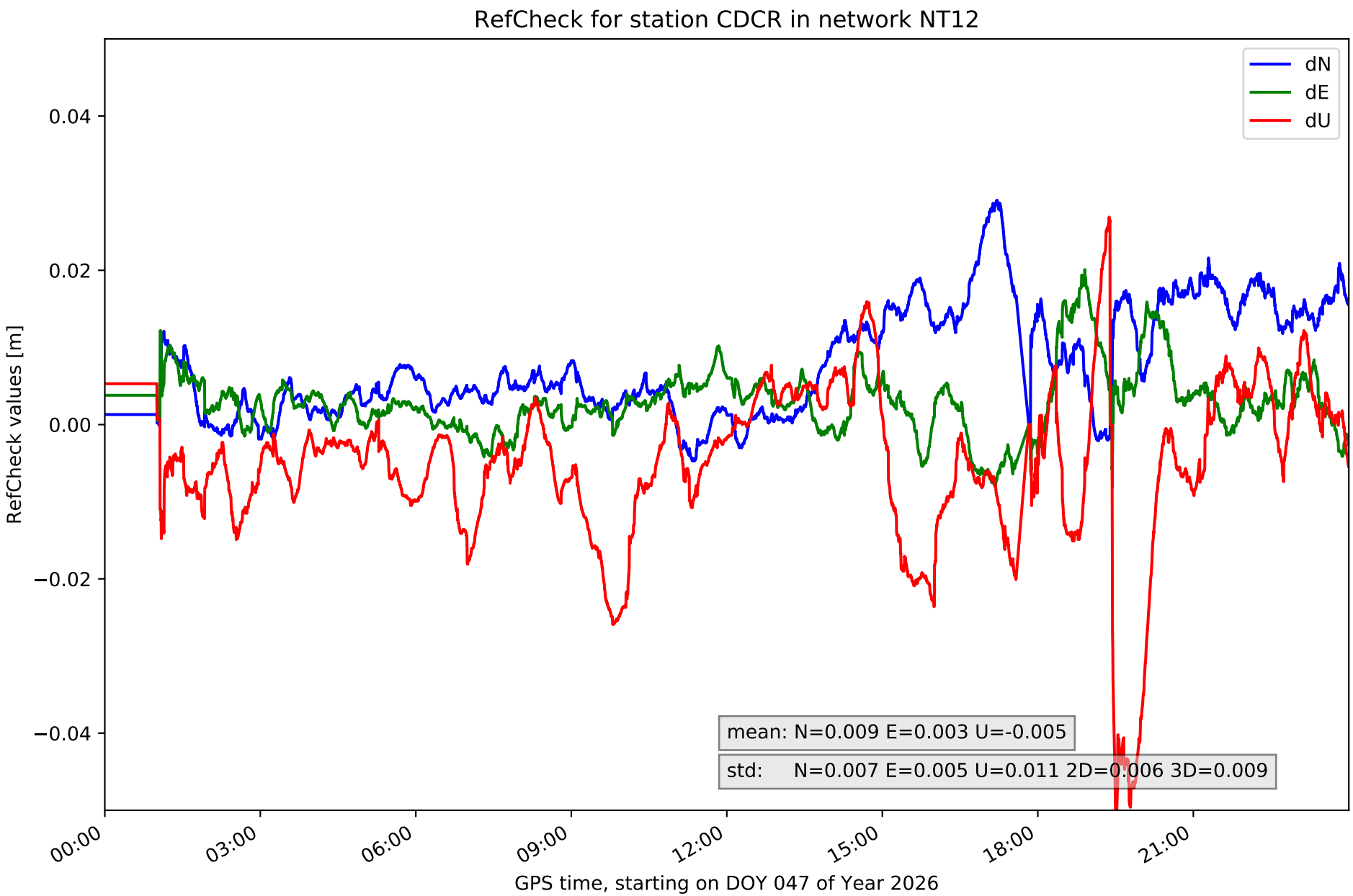

Station VICA in network NT12
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

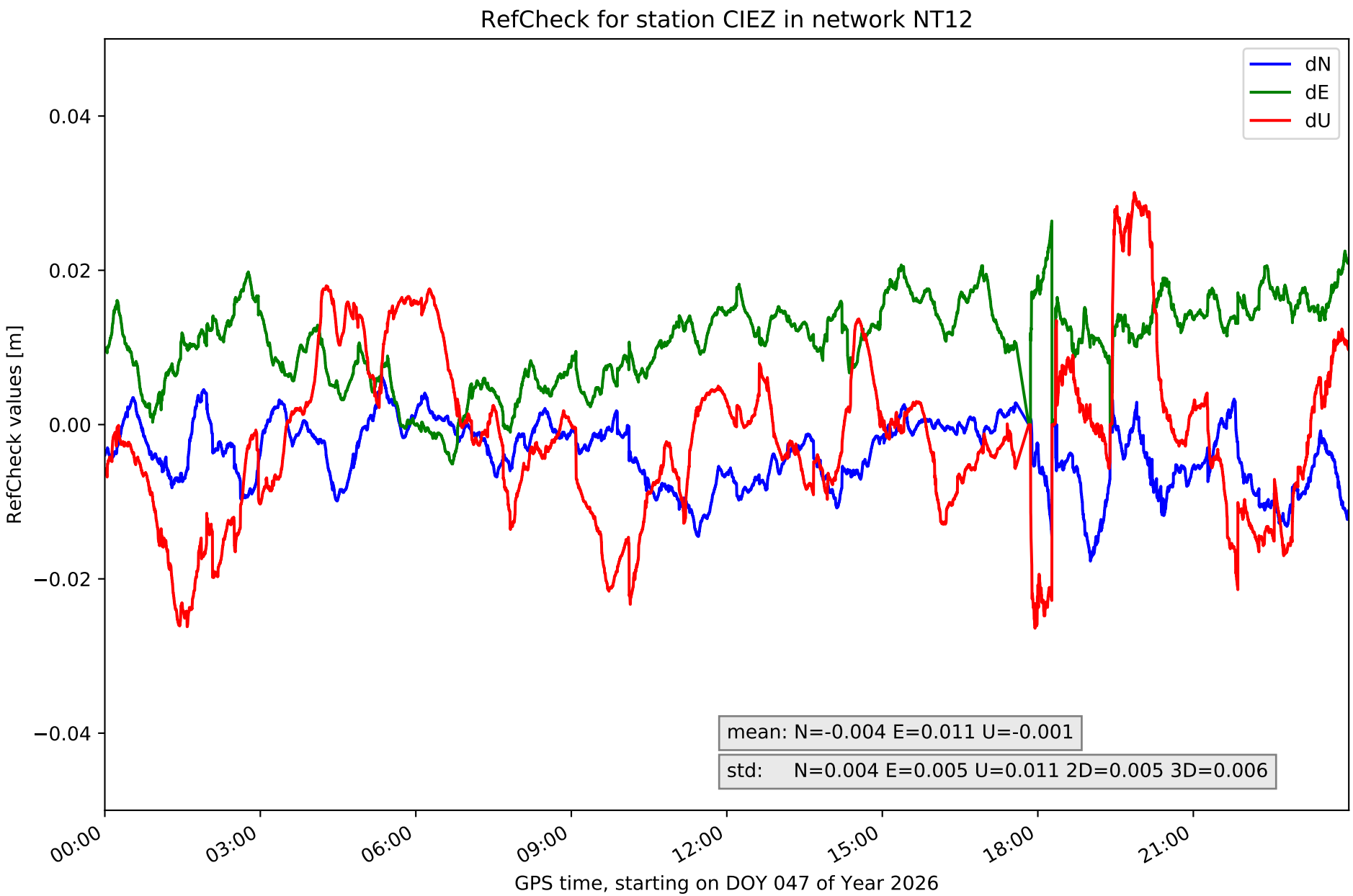

RefCheck for station ALME in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.01 U=-0.009
std: N=0.008 E=0.007 U=0.013 2D=0.007 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

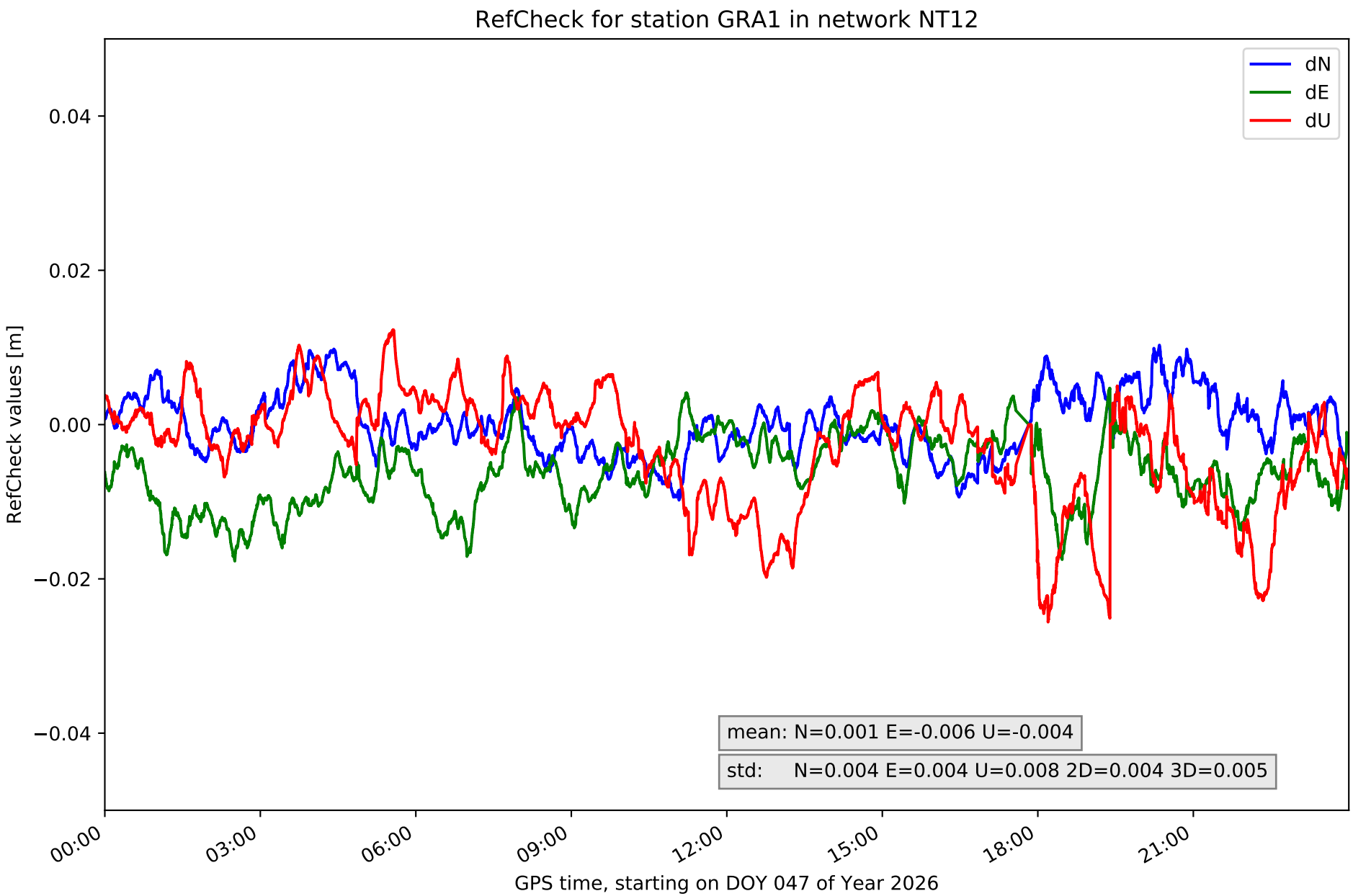

RefCheck for station CAAL in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.002 U=-0.003
std: N=0.005 E=0.004 U=0.009 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

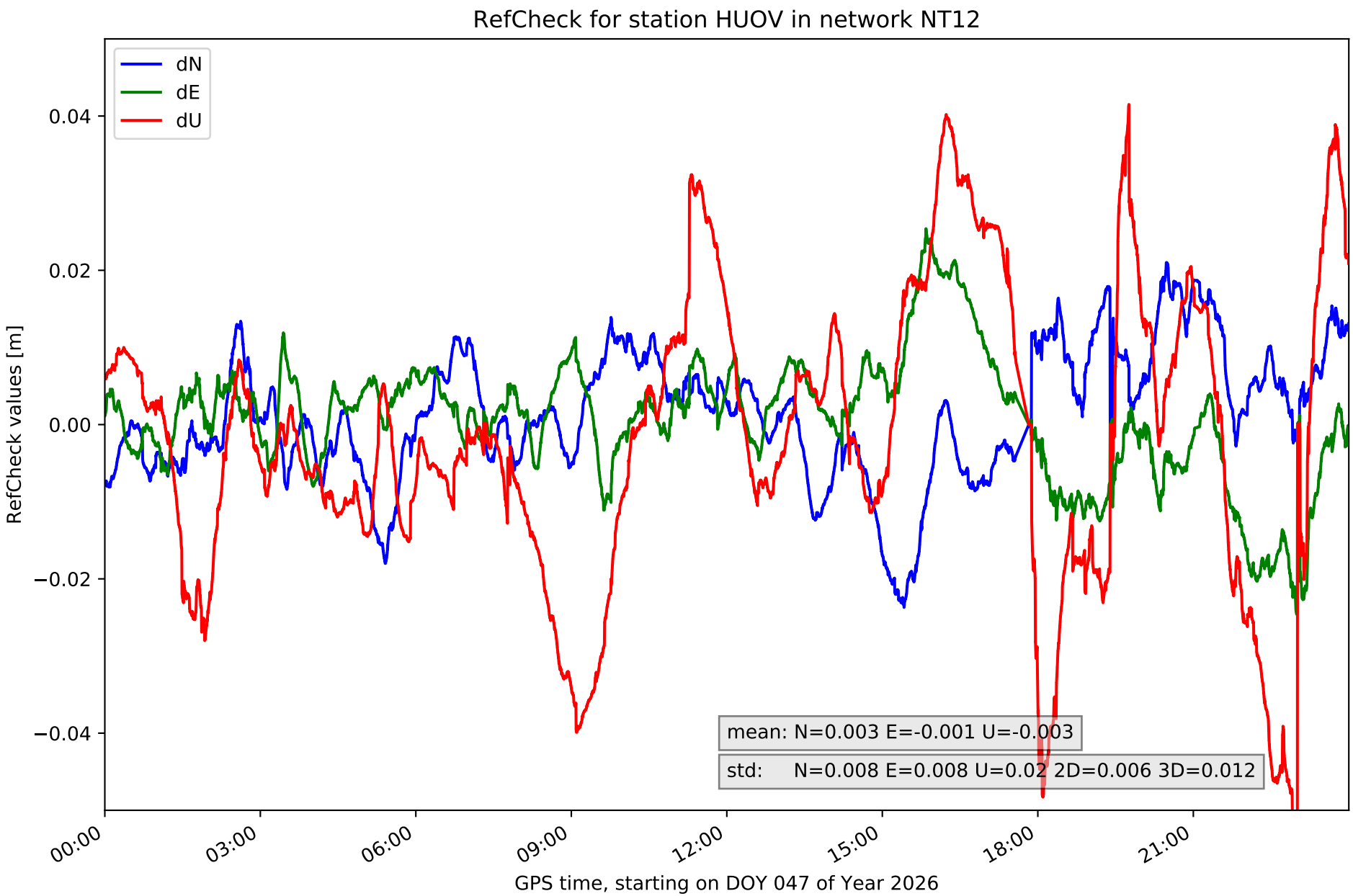

RefCheck for station CARG in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=-0.004 U=-0.003
std: N=0.007 E=0.006 U=0.008 2D=0.009 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

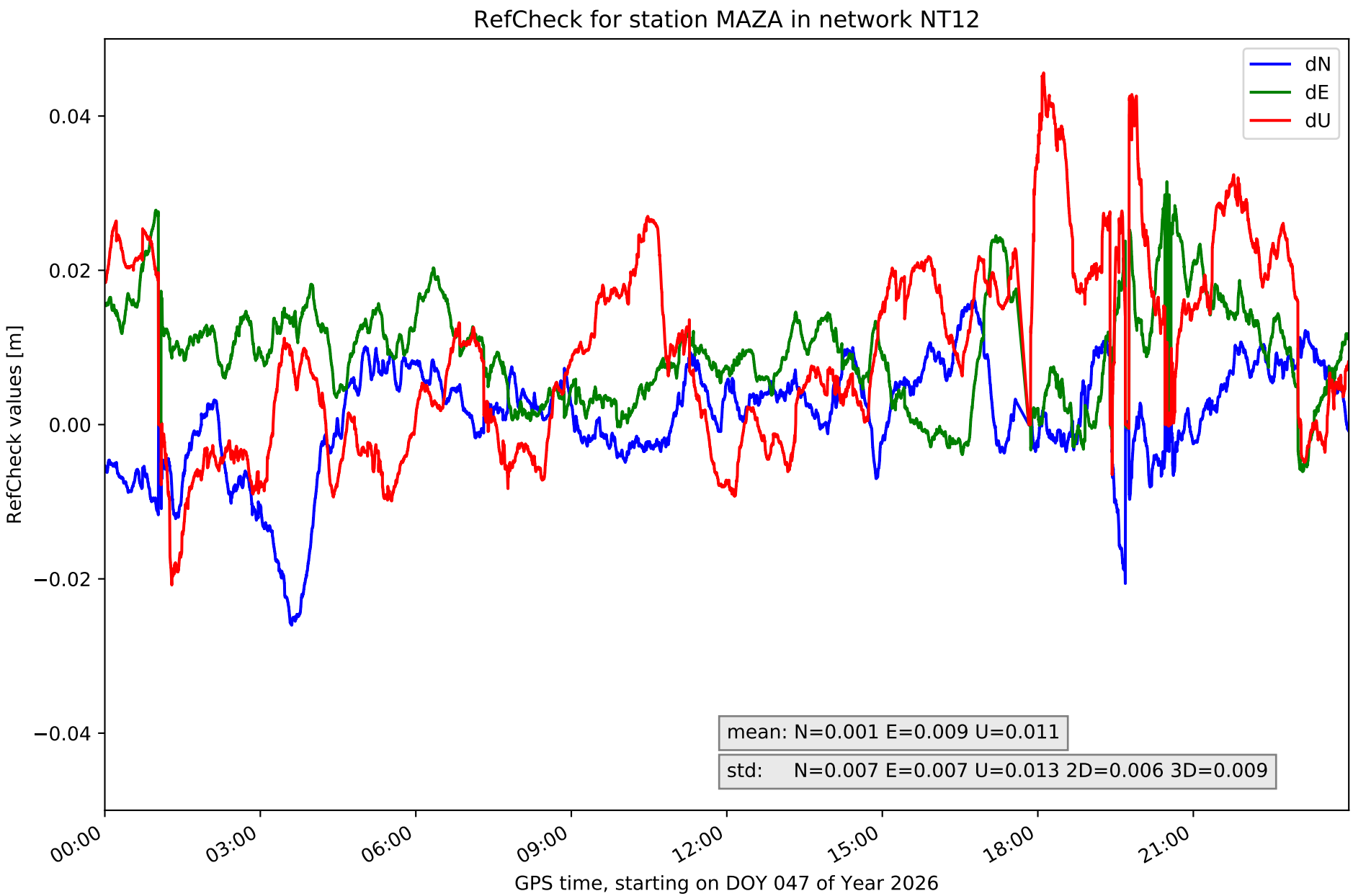

RefCheck for station CARV in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.005 U=-0.009
std: N=0.006 E=0.008 U=0.015 2D=0.005 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

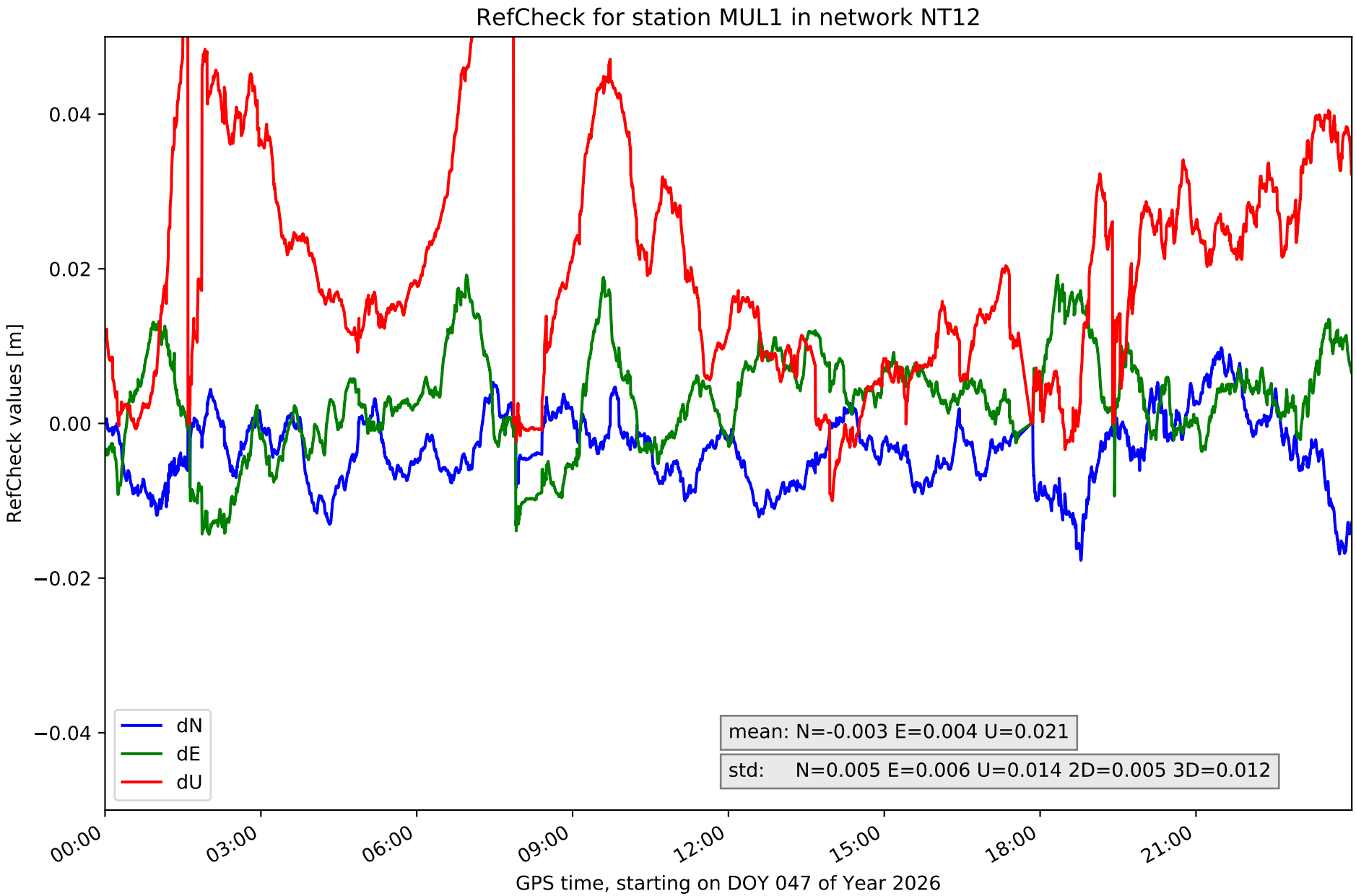

RefCheck for station CDCR in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.009 E=0.003 U=-0.005
std: N=0.007 E=0.005 U=0.011 2D=0.006 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

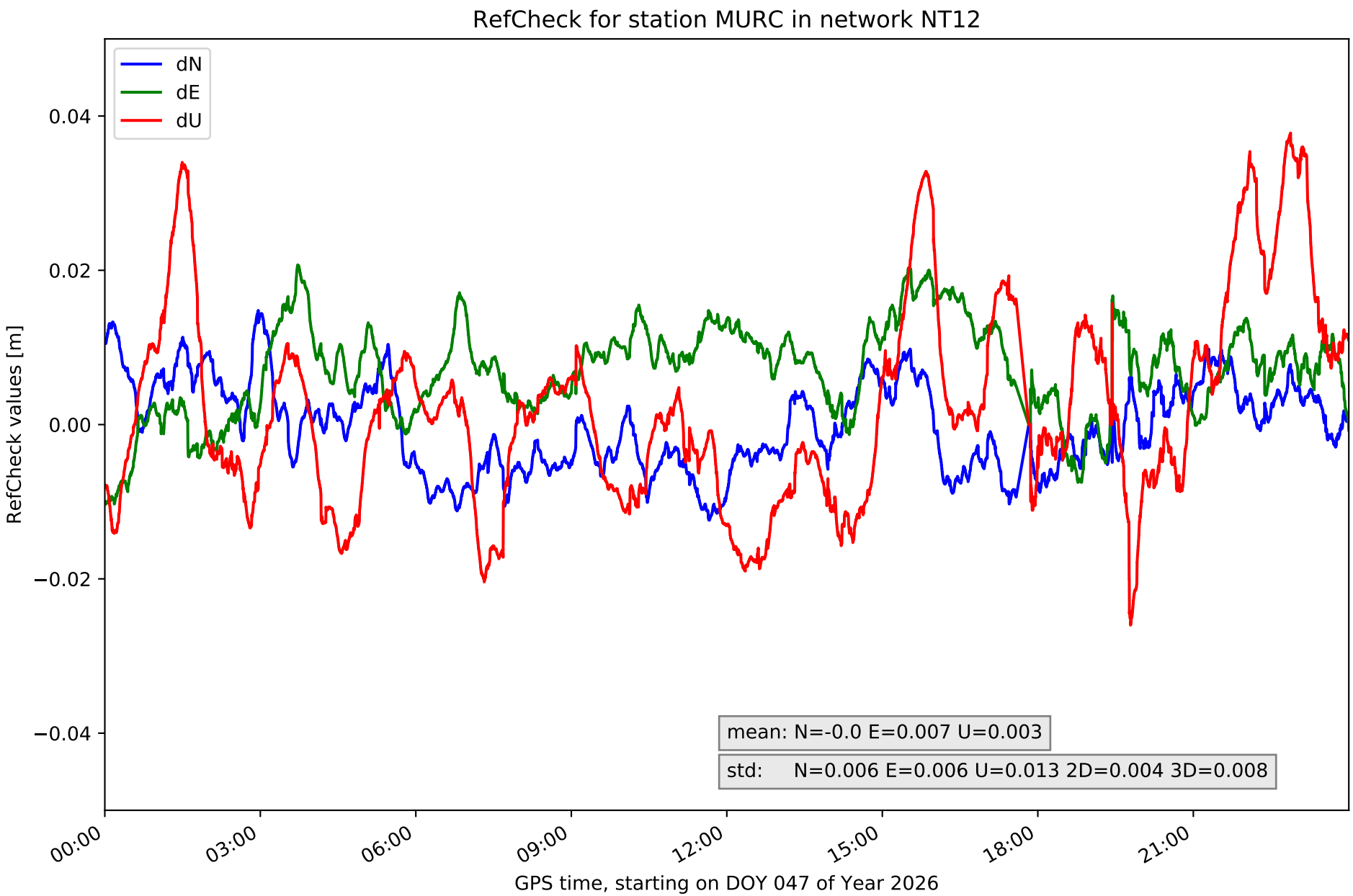

RefCheck for station CIEZ in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=0.011 U=-0.001
std: N=0.004 E=0.005 U=0.011 2D=0.005 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

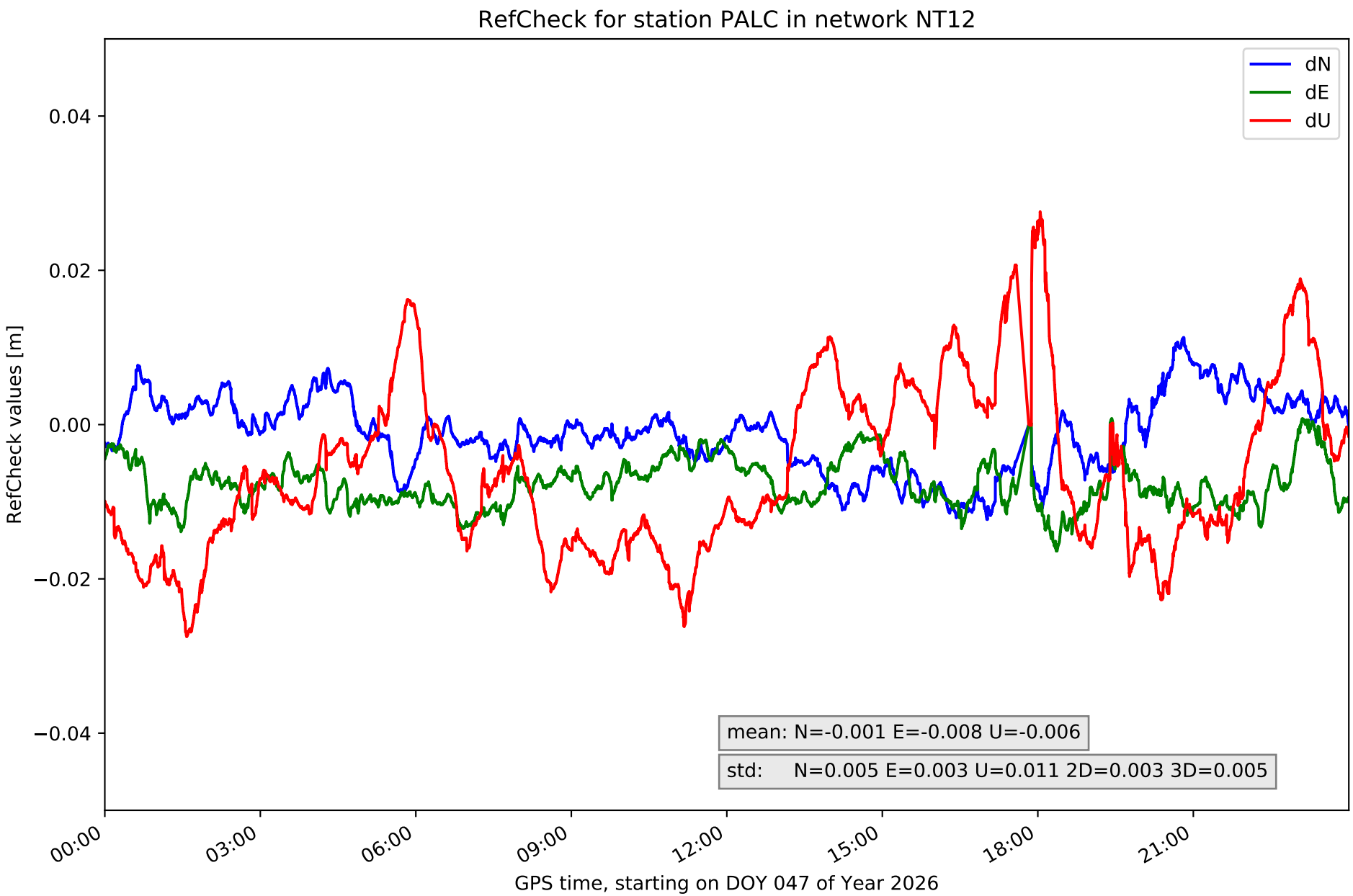

RefCheck for station GRA1 in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.006 U=-0.004
std: N=0.004 E=0.004 U=0.008 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

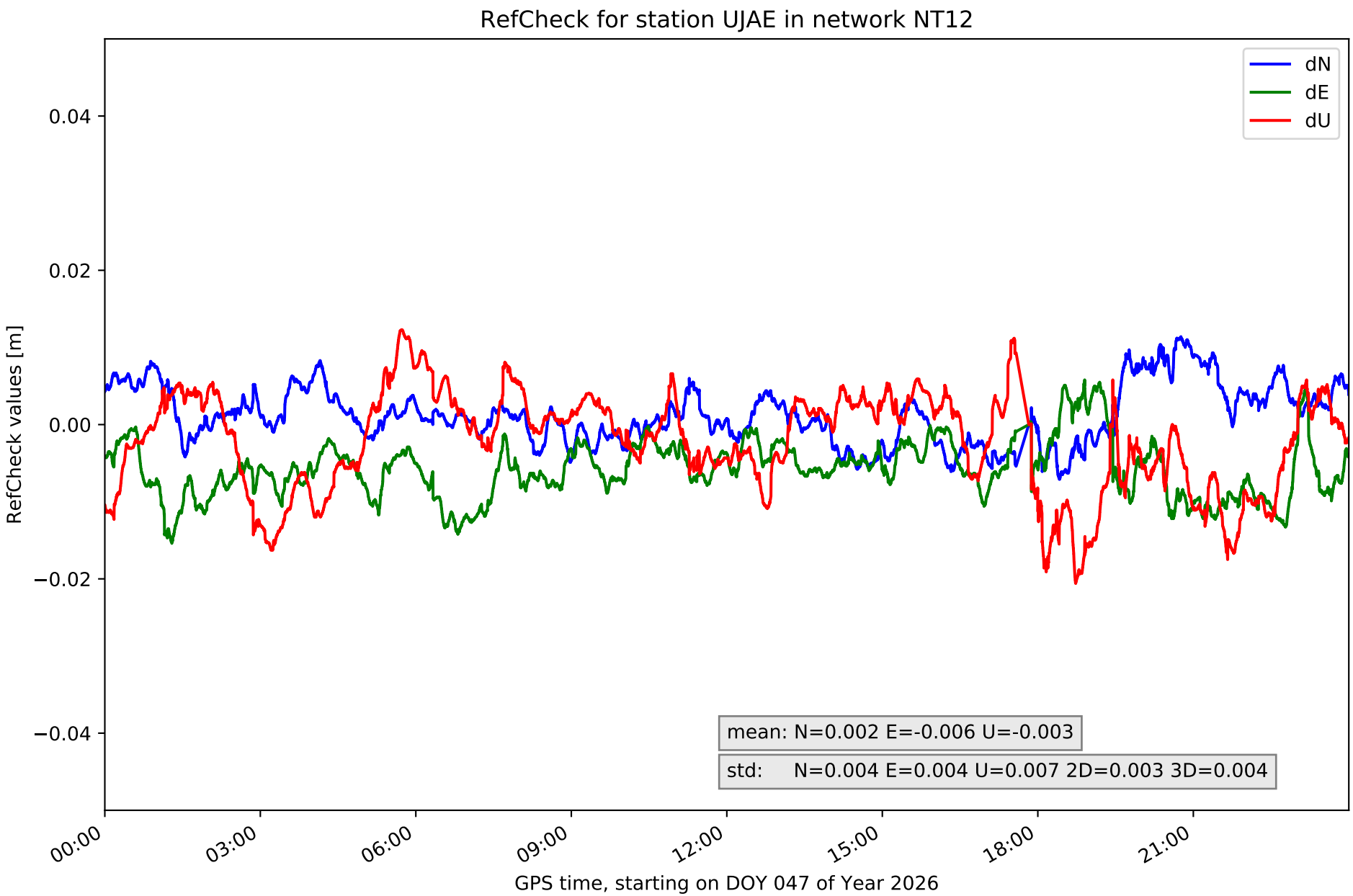

RefCheck for station HUOV in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.001 U=-0.003
std: N=0.008 E=0.008 U=0.02 2D=0.006 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026

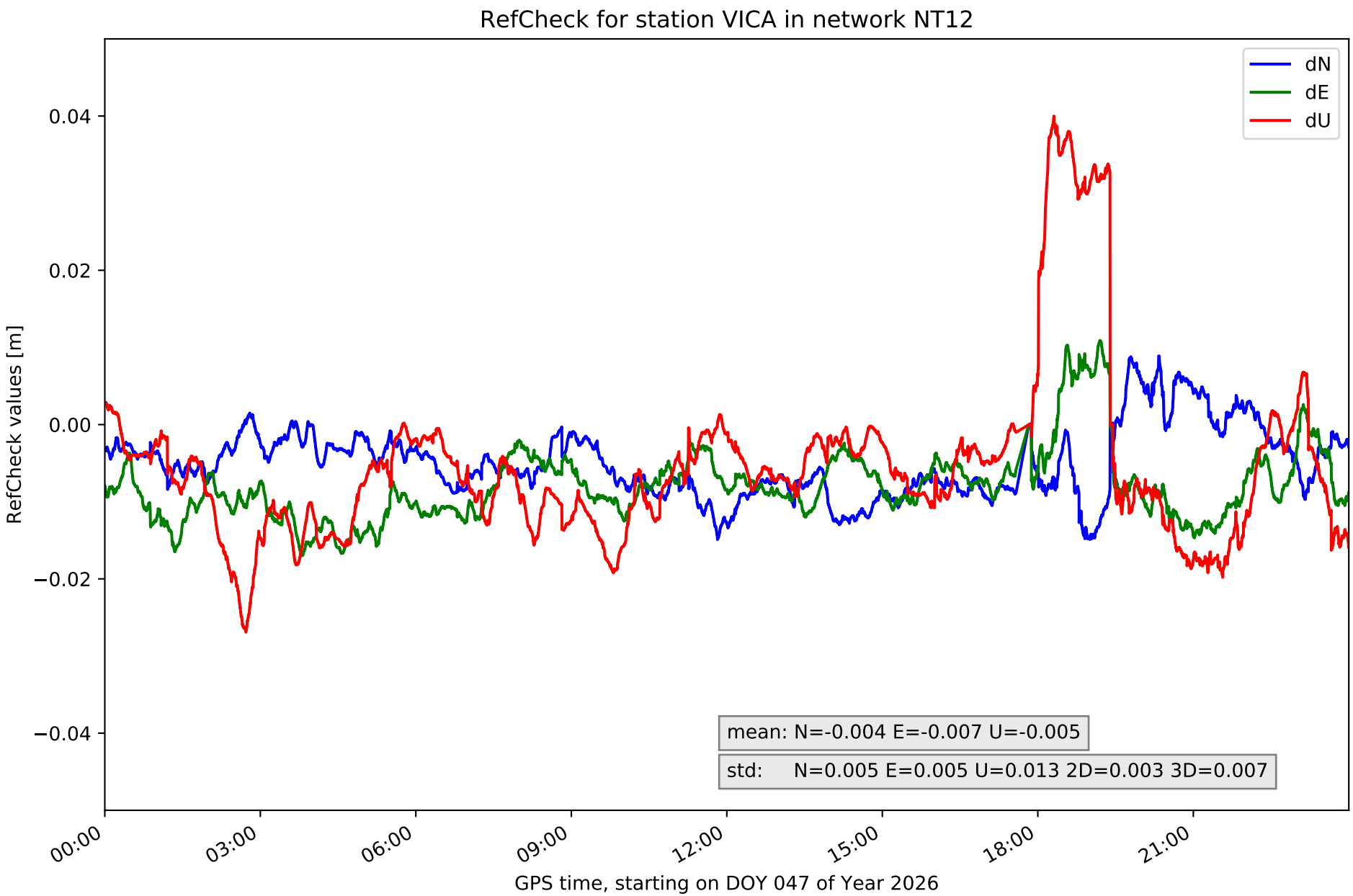

RefCheck for station MAZA in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.009 U=0.011
std: N=0.007 E=0.007 U=0.013 2D=0.006 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026


RefCheck for station MUL1 in network NT12
RefCheck values [m]
0.04
0.02
0.00
−0.02
−0.04
dN
dE
dU
mean: N=-0.003 E=0.004 U=0.021
std: N=0.005 E=0.006 U=0.014 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 047 of Year 2026


RefCheck for station MURC in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.007 U=0.003
std: N=0.006 E=0.006 U=0.013 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 047 of Year 2026


RefCheck for station PALC in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.008 U=-0.006
std: N=0.005 E=0.003 U=0.011 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 047 of Year 2026


RefCheck for station UJAE in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.006 U=-0.003
std: N=0.004 E=0.004 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 047 of Year 2026


RefCheck for station VICA in network NT12
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.007 U=-0.005
std: N=0.005 E=0.005 U=0.013 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 047 of Year 2026

RefCheck values for network NT12

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ALME	**-0.056**	0.017	**0.008**	**-0.03**	0.008	0.007	-0.041	0.043	0.013	0.007	0.009	35727	65.1	24429	44.5
CAAL	-0.011	0.017	0.005	-0.007	0.028	0.004	-0.023	0.033	0.009	0.004	0.006	9139	16.7	4382	8.0
CARG	-0.006	**0.029**	0.007	-0.026	0.003	0.006	-0.025	0.017	0.008	**0.009**	0.011	20461	37.3	12644	23.1
CARV	-0.015	0.028	0.006	-0.021	0.022	**0.008**	-0.044	**0.067**	0.015	0.005	0.009	26066	47.5	22154	40.4
CDCR	-0.005	**0.029**	0.007	-0.008	0.02	0.005	-0.05	0.027	0.011	0.006	0.009	27958	51.0	11764	21.4
CIEZ	-0.018	0.006	0.004	-0.005	0.026	0.005	-0.026	0.03	0.011	0.005	0.006	**39597**	**72.2**	14587	26.6
GRA1	-0.01	0.01	0.004	-0.018	0.005	0.004	-0.026	0.012	0.008	0.004	0.005	17035	31.1	4345	7.9
HUOV	-0.024	0.021	**0.008**	-0.025	0.025	**0.008**	**-0.06**	0.042	**0.02**	0.006	**0.012**	27634	50.4	25890	47.2
MAZA	-0.026	0.017	0.007	-0.006	**0.032**	0.007	-0.021	0.046	0.013	0.006	0.009	32659	59.5	23434	42.7
MUL1	-0.018	0.01	0.005	-0.014	0.019	0.006	-0.01	0.06	0.014	0.005	**0.012**	15864	28.9	**31597**	**57.6**
MURC	-0.012	0.015	0.006	-0.01	0.021	0.006	-0.026	0.038	0.013	0.004	0.008	24444	44.6	11492	21.0
PALC	-0.012	0.011	0.005	-0.016	0.001	0.003	-0.028	0.028	0.011	0.003	0.005	24179	44.1	7584	13.8
UJAE	-0.007	0.011	0.004	-0.015	0.006	0.004	-0.021	0.012	0.007	0.003	0.004	12196	22.2	279	0.5
VICA	-0.015	0.009	0.005	-0.017	0.011	0.005	-0.027	0.04	0.013	0.003	0.007	35645	65.0	11425	20.8
Mean	**-0.017**	**0.016**	**0.006**	**-0.016**	**0.016**	**0.006**	**-0.031**	**0.035**	**0.012**	**0.005**	**0.008**	**24900.3**	**45.4**	**14714.7**	**26.8**
Min/Max	**-0.056**	**0.029**	**0.008**	**-0.03**	**0.032**	**0.008**	**-0.06**	**0.067**	**0.02**	**0.009**	**0.012**	**39597**	**72.2**	**31597**	**57.6**

fixing statistic for network NT12

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	91.3	92.1	91.7	93.0	88.5
considering satellites with dual-frequency fixed	87.6	88.2	87.9	88.8	85.4
considering all signals separately	87.8	88.2	88.0	89.4	84.9