

## summary for network NET7

timeperiod chosen: from 2024-07-30-00:00:00 until 2024-07-30-23:59:58

average update rate (durations larger than 15 seconds considered as observation gap): 2.1 seconds

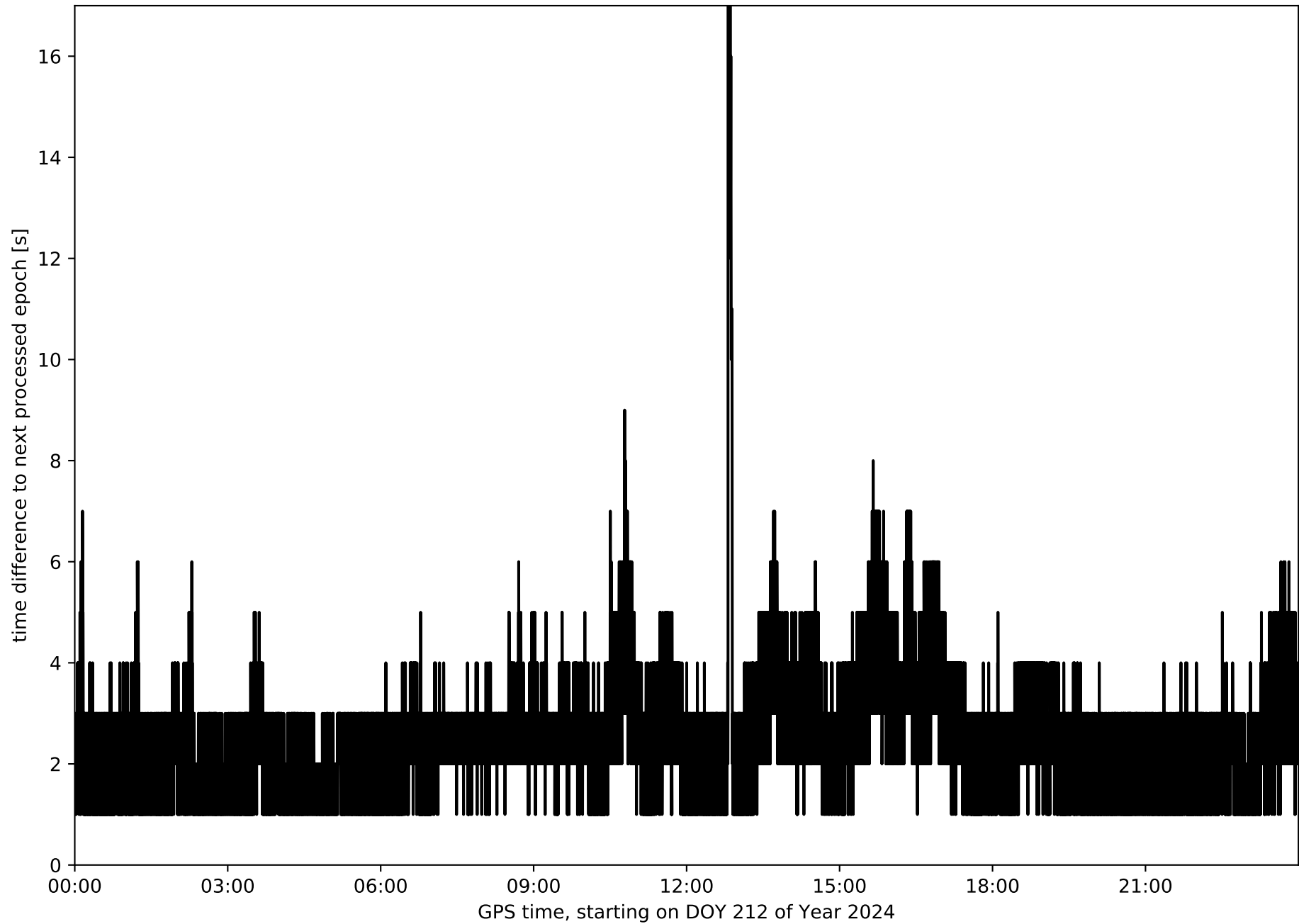
average fixing percentage with threshold set to 0.3: 92.6 percent

stations available: 21 of 21

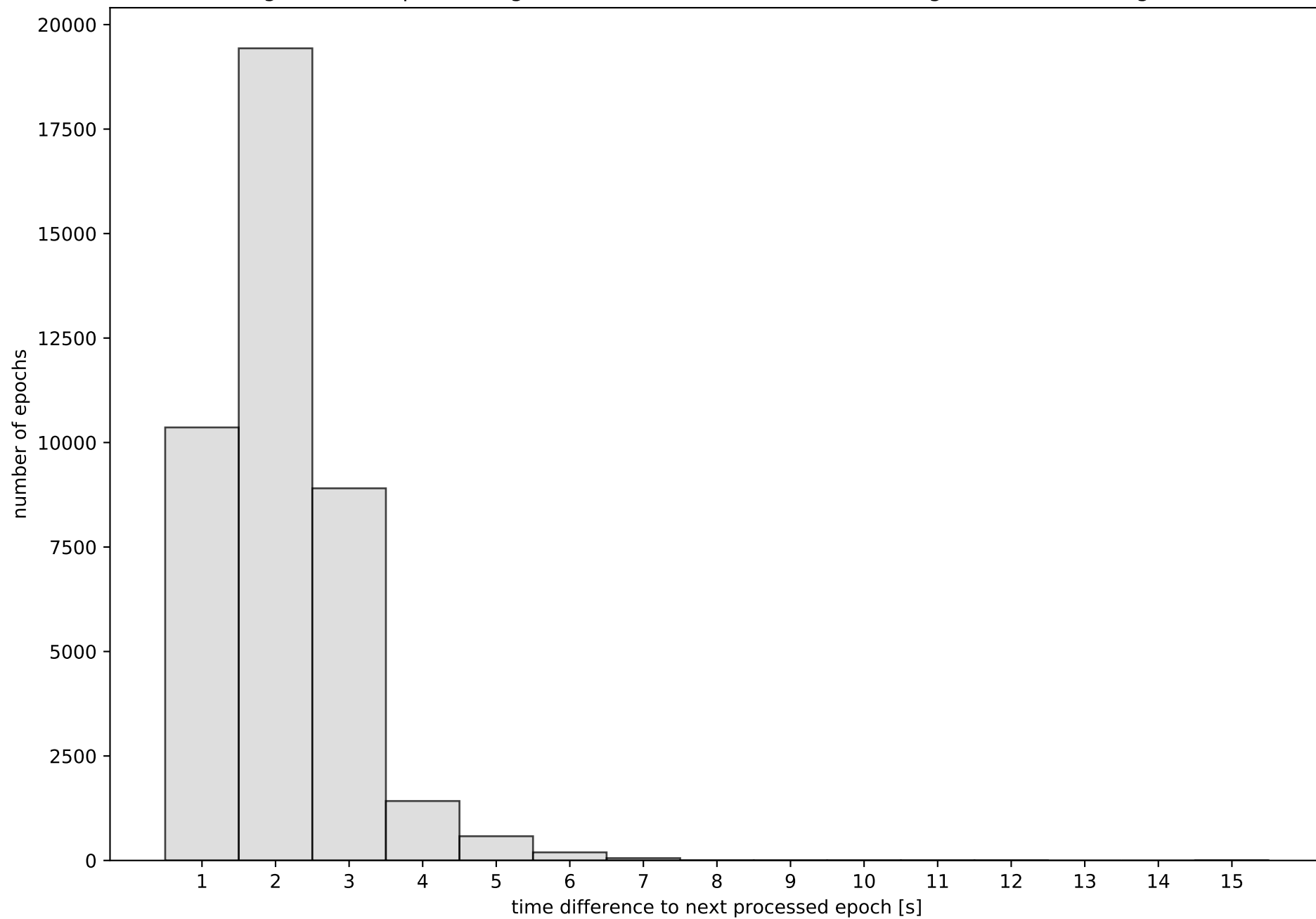
station information:

station AVL1:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 78.448
station CANT:	antenna: LEIAR25.R4	LEIT	receiver: LEICA GR10	height: 102.294
station CASO:	antenna: LEIAX1203+GNSS	NONE	receiver: LEICA GRX1200+GNSS	height: 651.859
station EMAZ:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 868.096
station FUDE:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 1903.209
station LARE:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 65.068
station LENA:	antenna: TPSCR.G5C	TPSH	receiver: TPS NET-G5	height: 382.176
station LEON:	antenna: LEIAR25	NONE	receiver: LEICA GR50	height: 970.294
station MDPM:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 658.901
station RENS:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 908.687
station RIAN:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1209.255
station RIBE:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 69.646
station RNAN:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 587.162
station SALD:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 971.366
station SALS:	antenna: TPSCR.G5C	TPSH	receiver: TPS NET-G5	height: 294.418
station SIRO:	antenna: LEIAR10	NONE	receiver: LEICA GR10	height: 226.113
station TRLV:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 79.815
station VBLO:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 1056.603
station VCRD:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 256.934
station VDGO:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 906.145
station XIXO:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 156.56

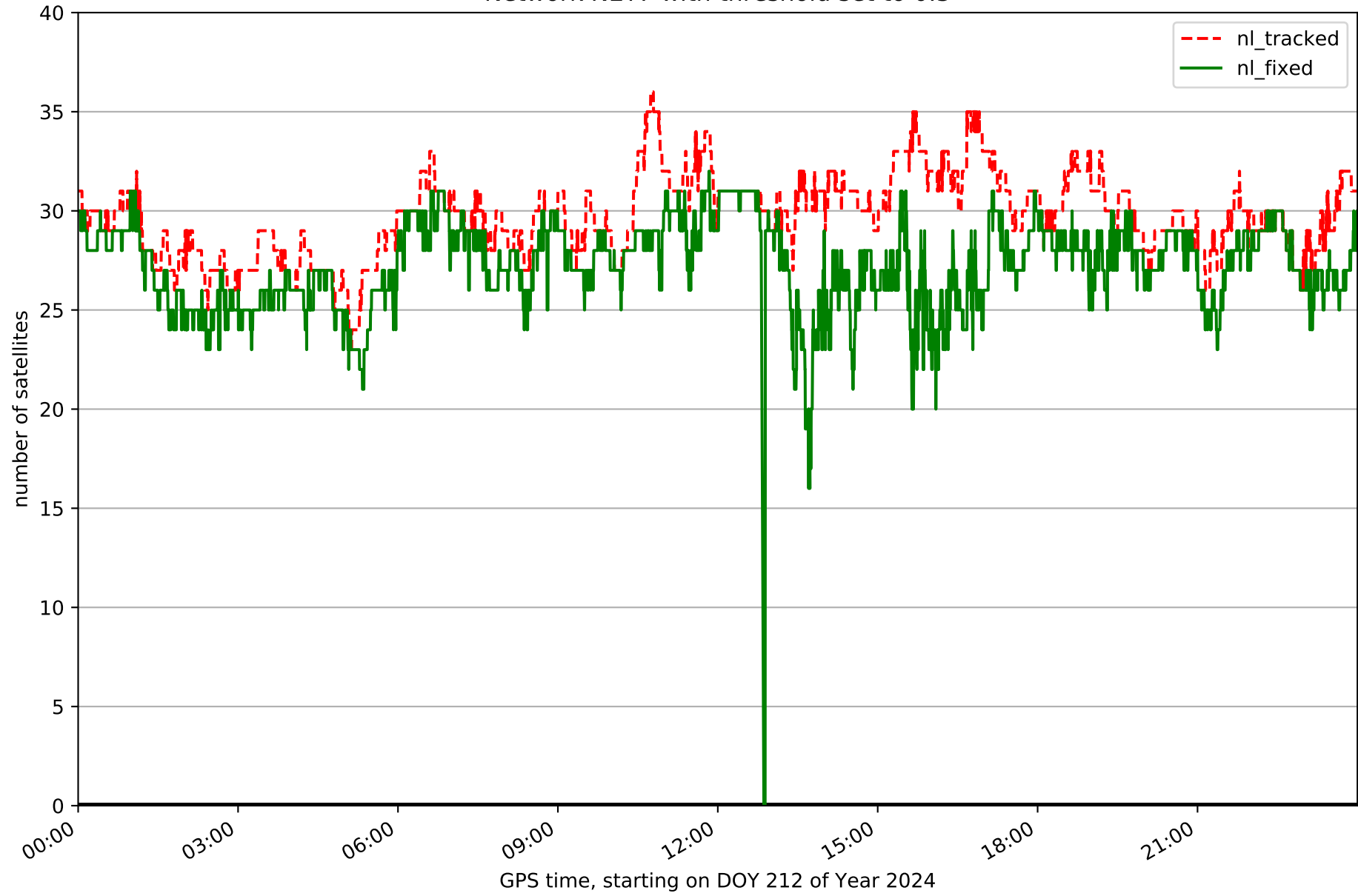
Processing rate in network NET7



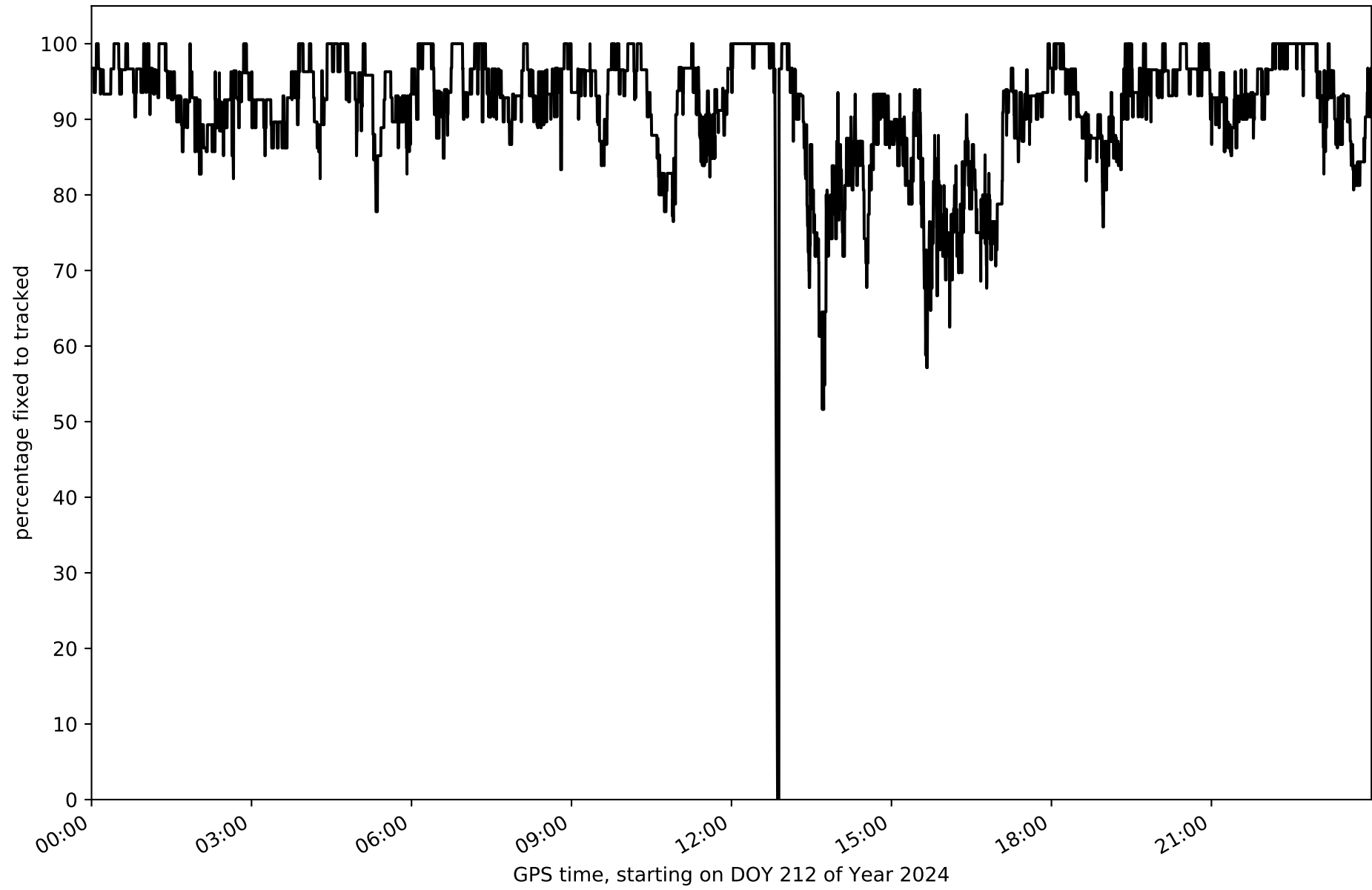
Histogram of the processing rate in network NET7 (durations larger 15 seconds neglected)



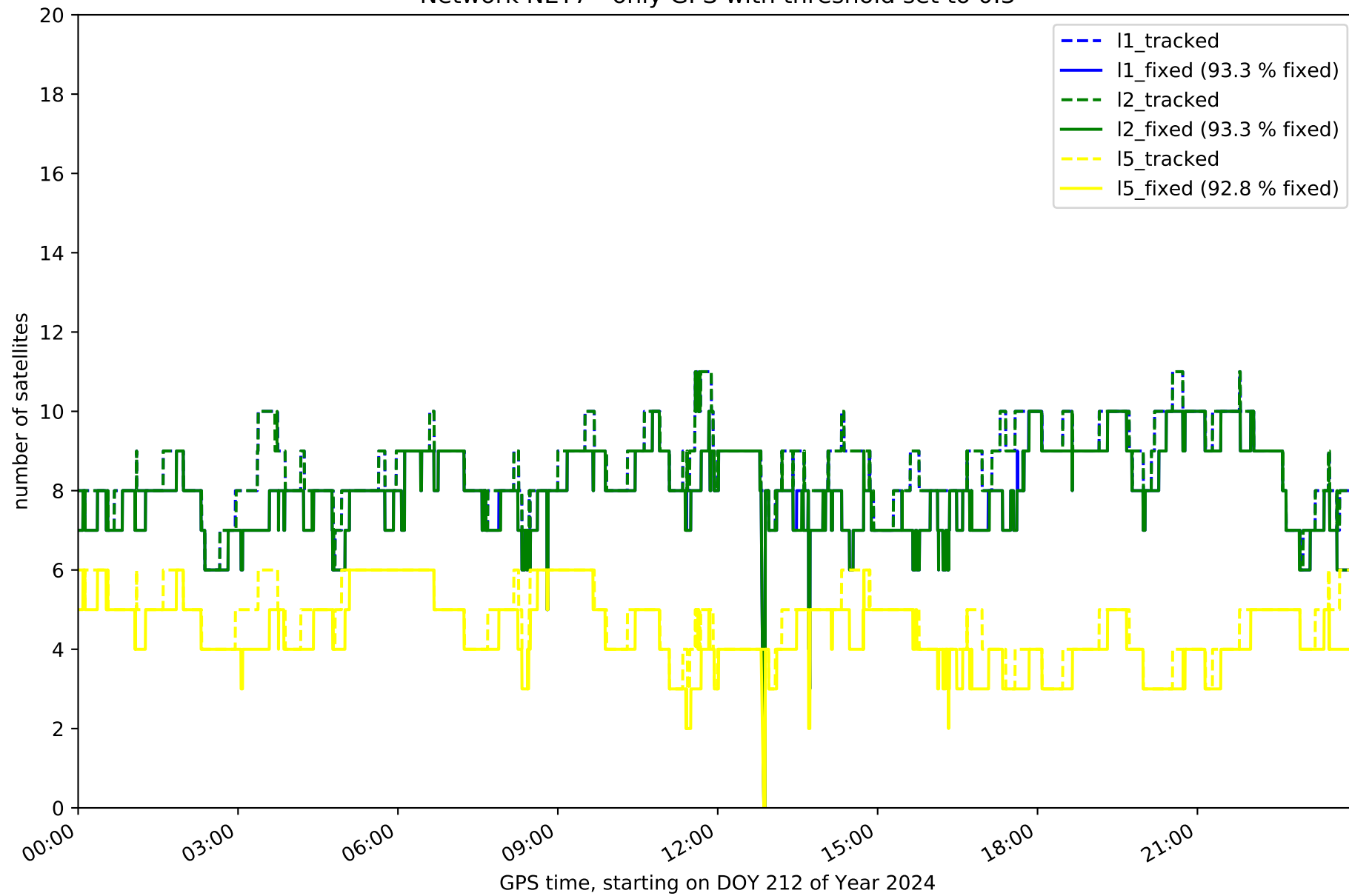
Network NET7 with threshold set to 0.3



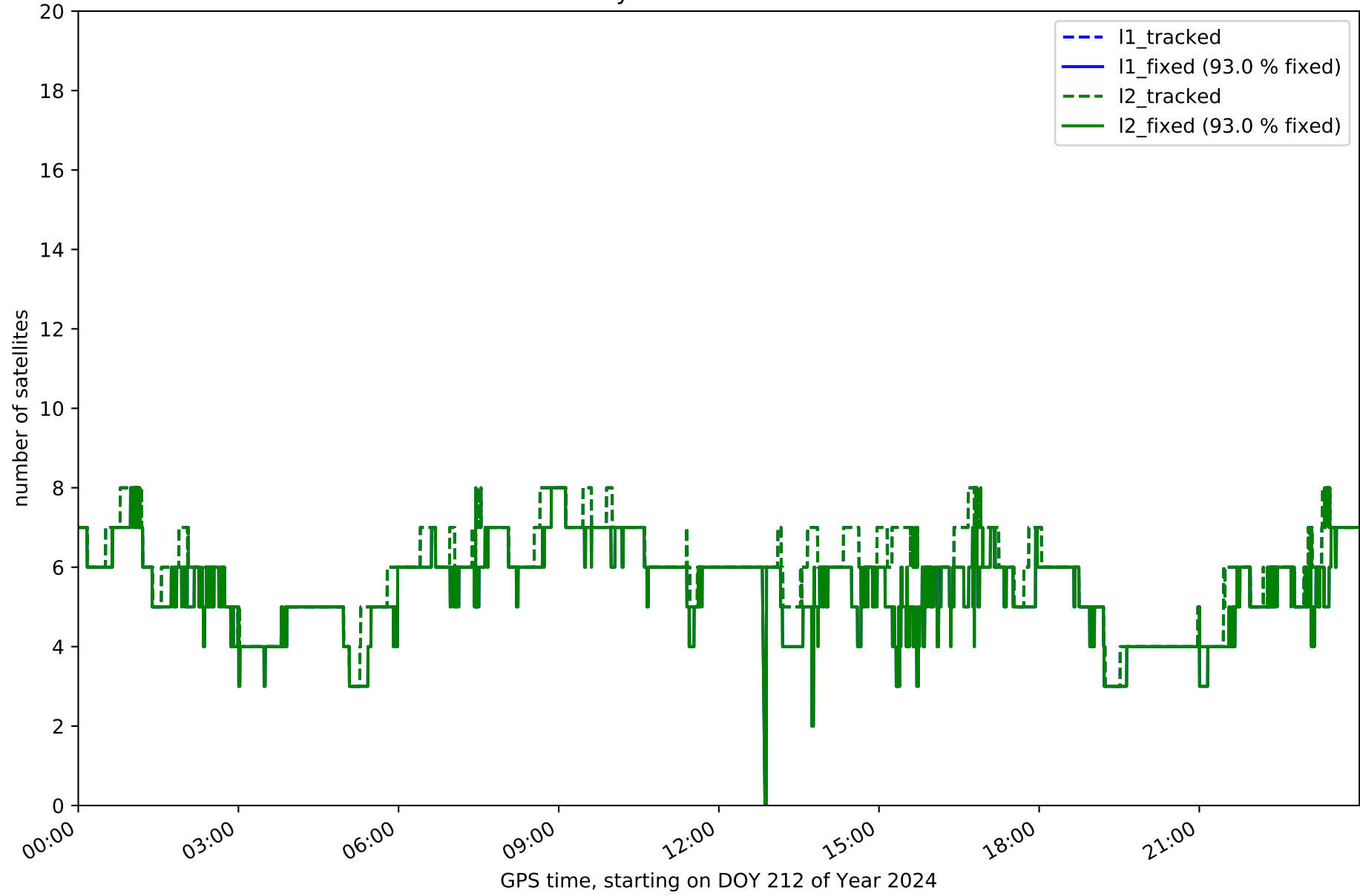
Fixing percentage of satellites in network NET7 with threshold set to 0.3



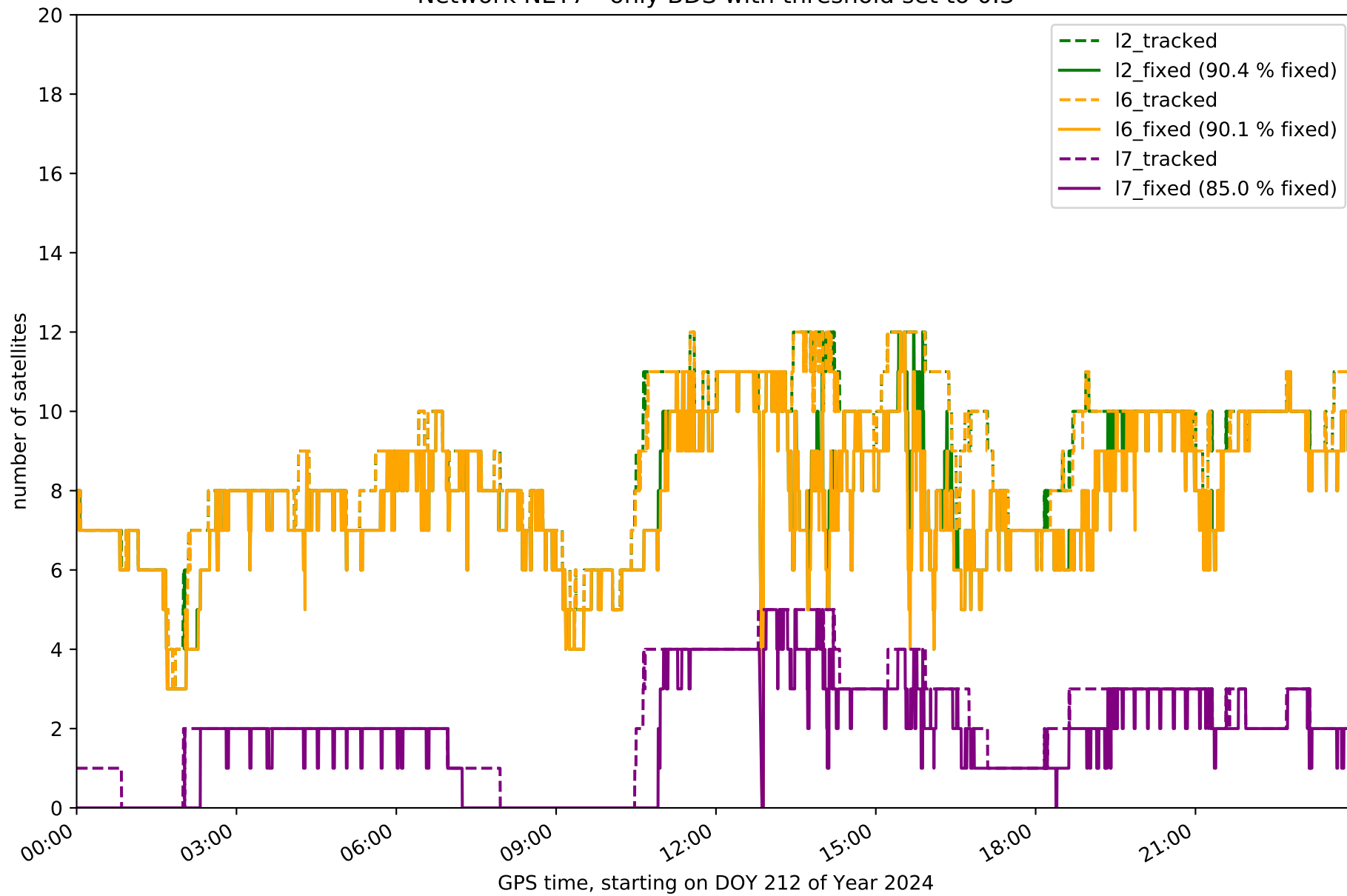
Network NET7 - only GPS with threshold set to 0.3



Network NET7 - only GLONASS with threshold set to 0.3

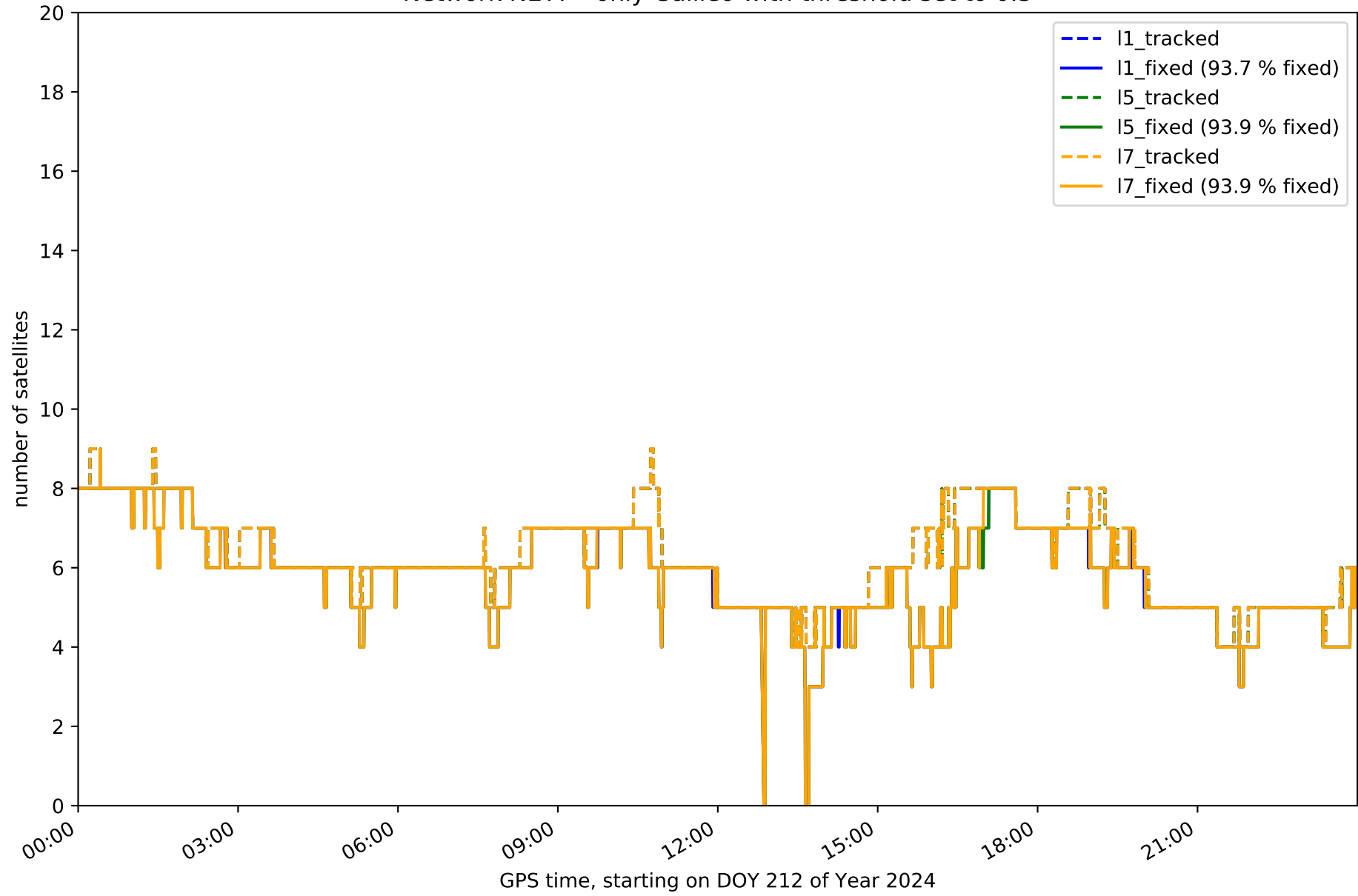


Network NET7 - only BDS with threshold set to 0.3

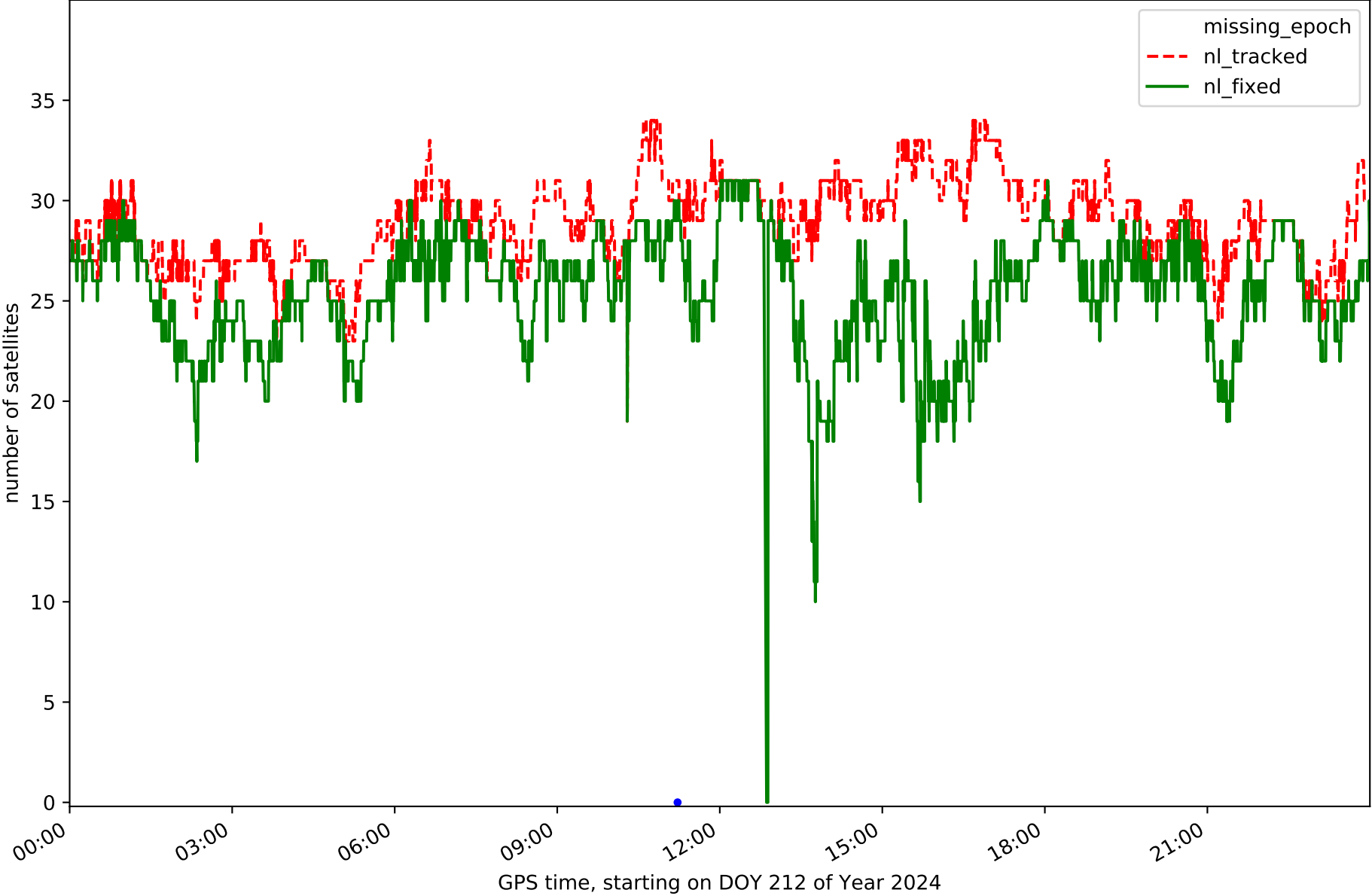




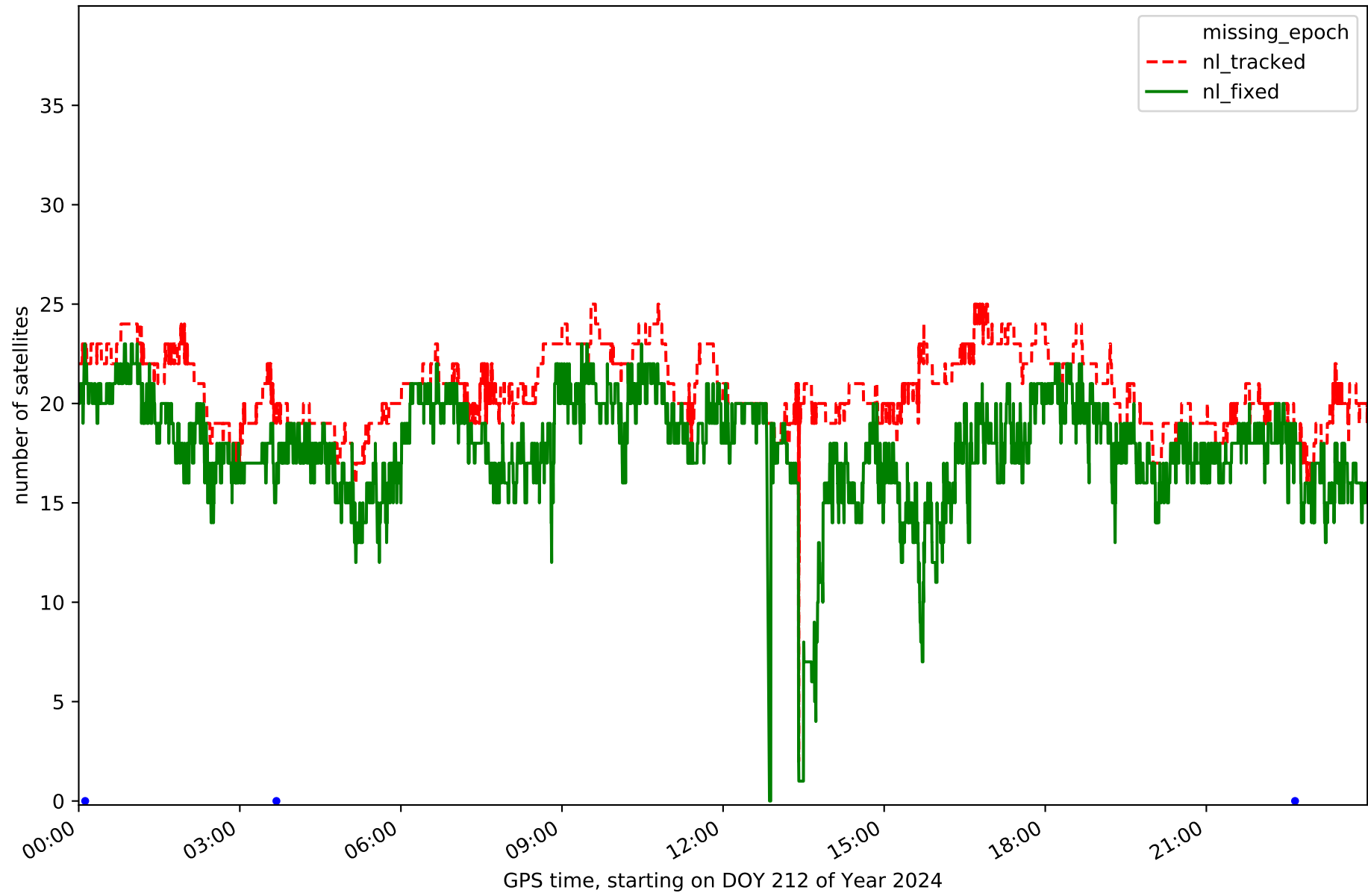
Network NET7 - only Galileo with threshold set to 0.3



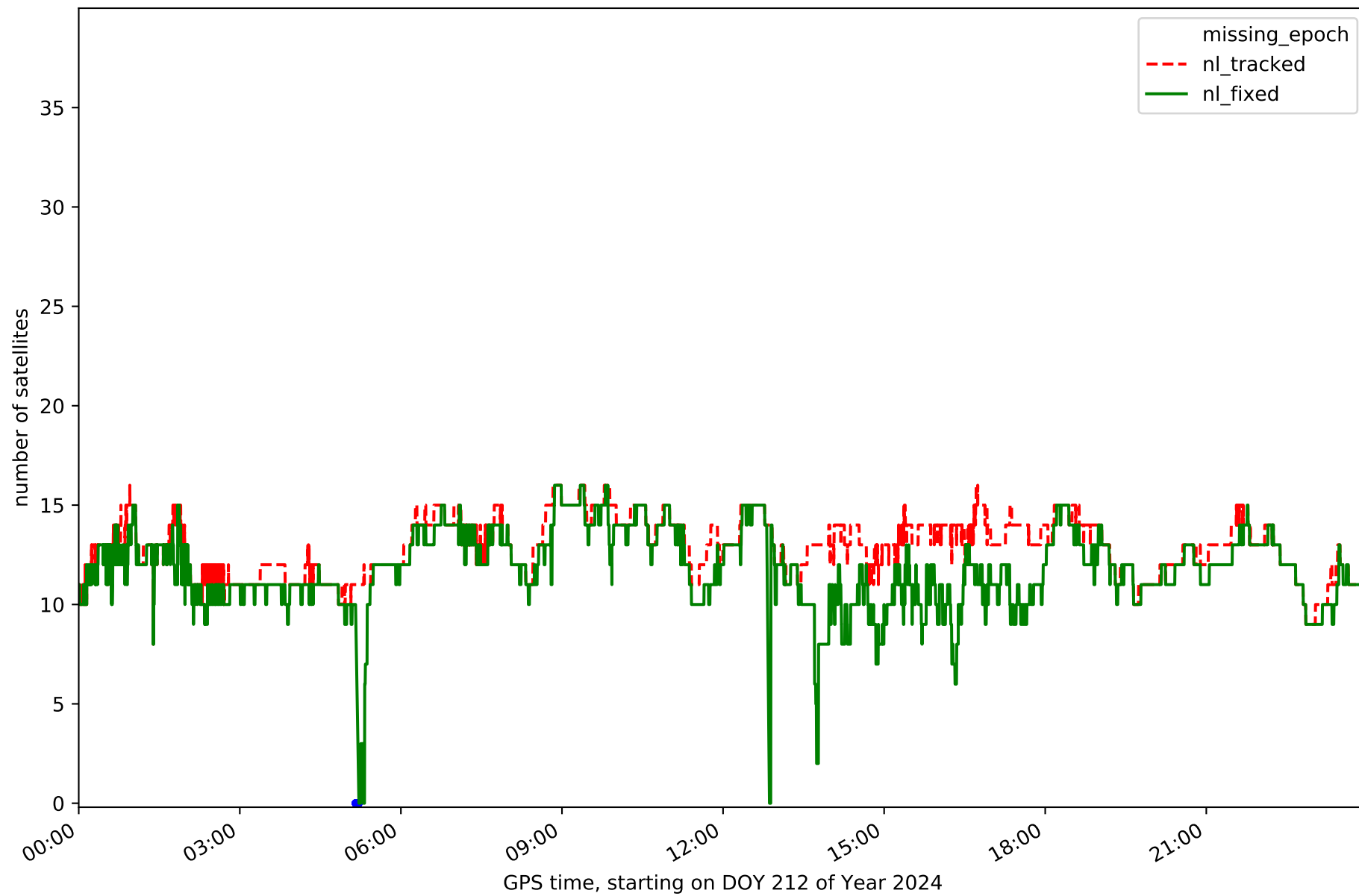
Station AVL1 in network NET7



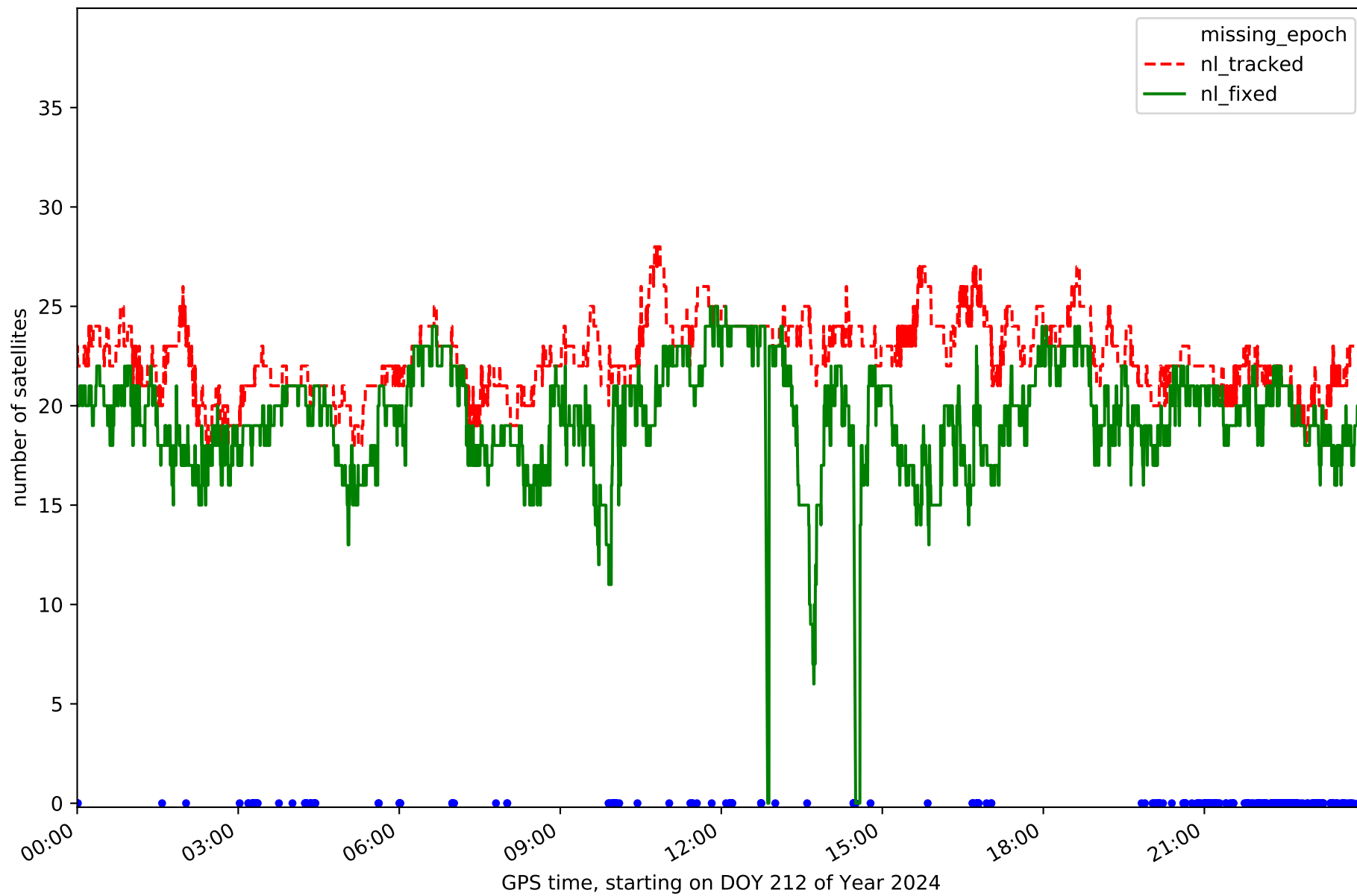
Station CANT in network NET7



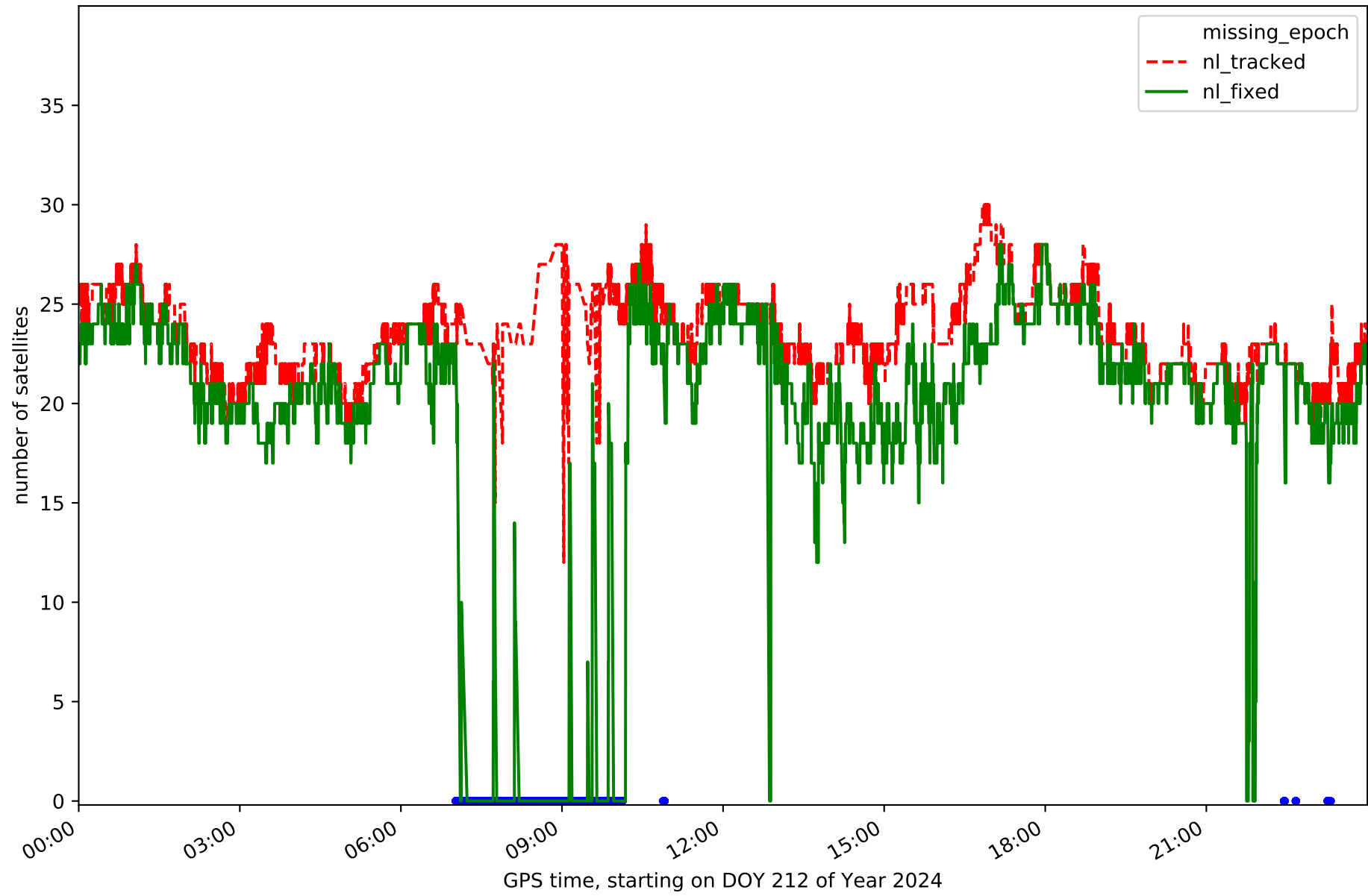
Station CASO in network NET7



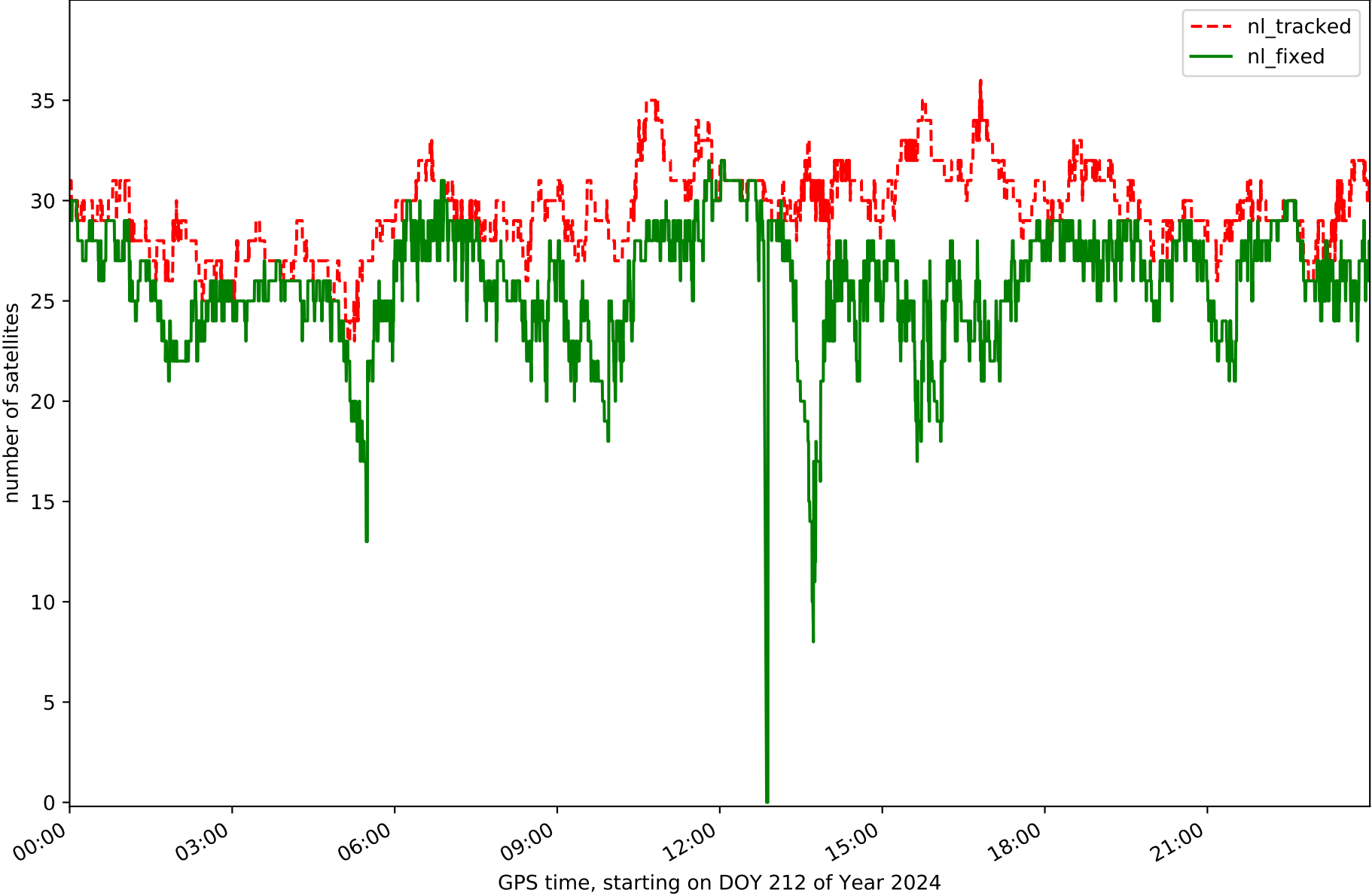
Station EMAZ in network NET7



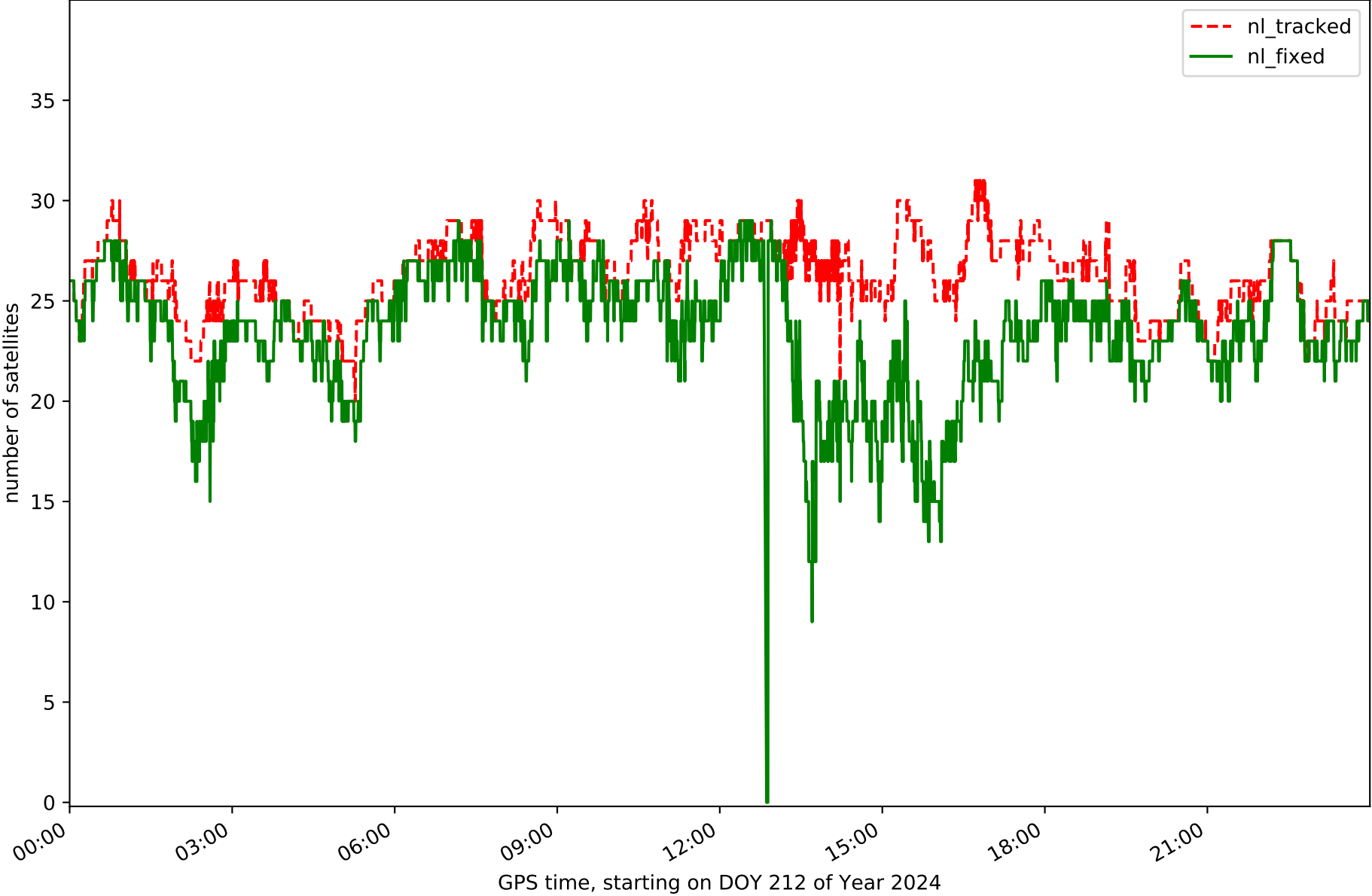
Station FUDE in network NET7



Station LARE in network NET7

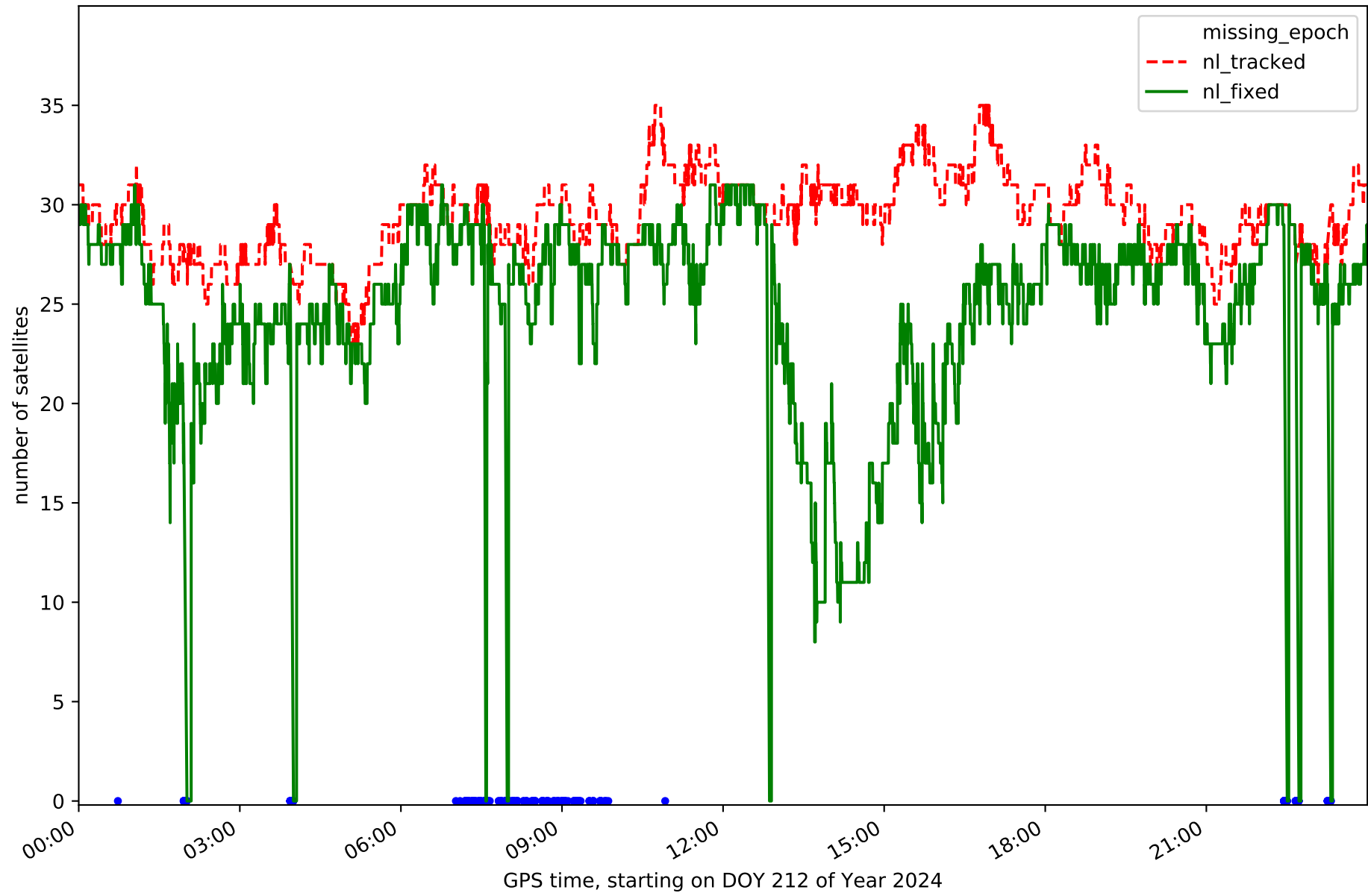


Station LENA in network NET7

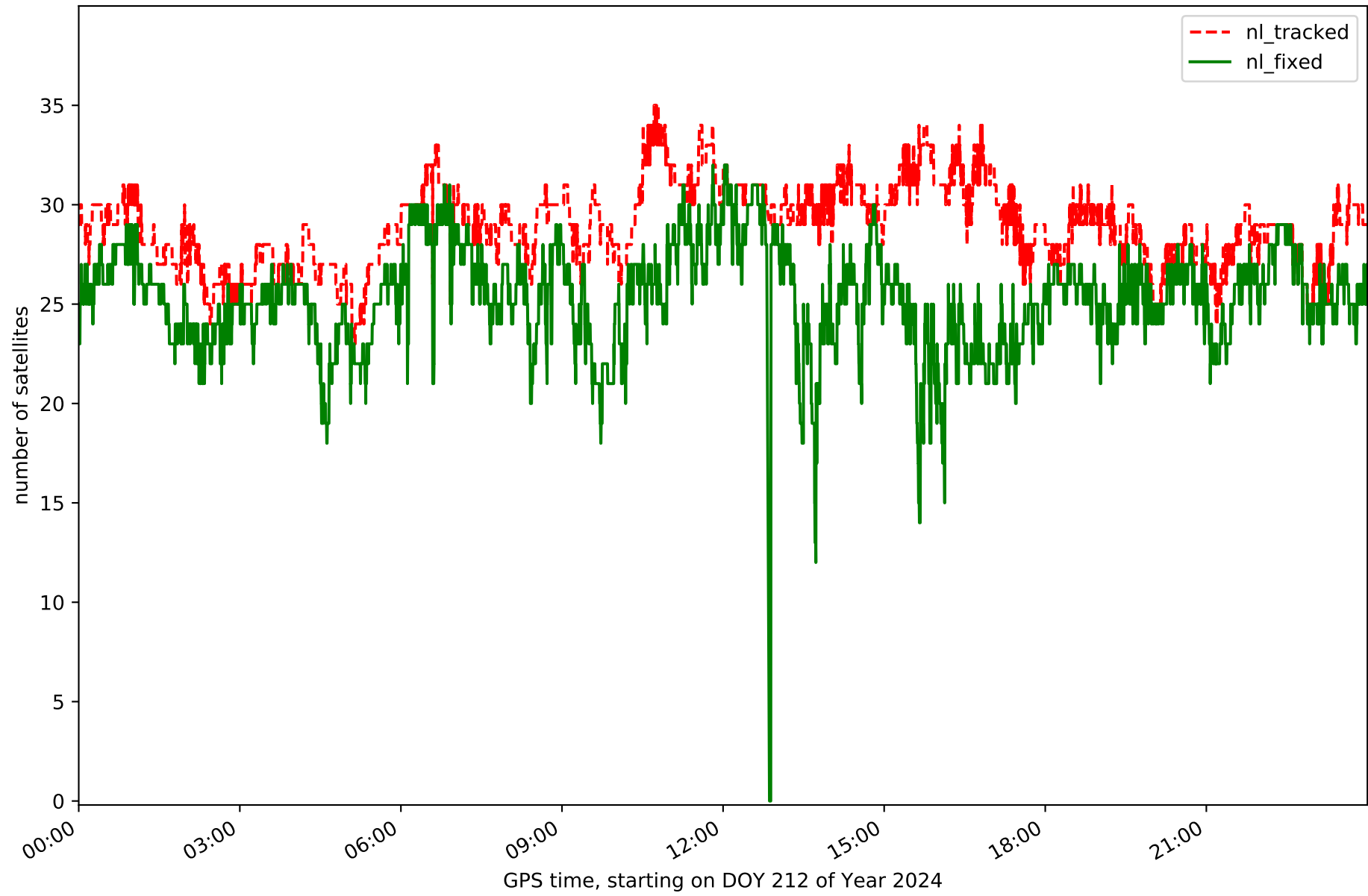




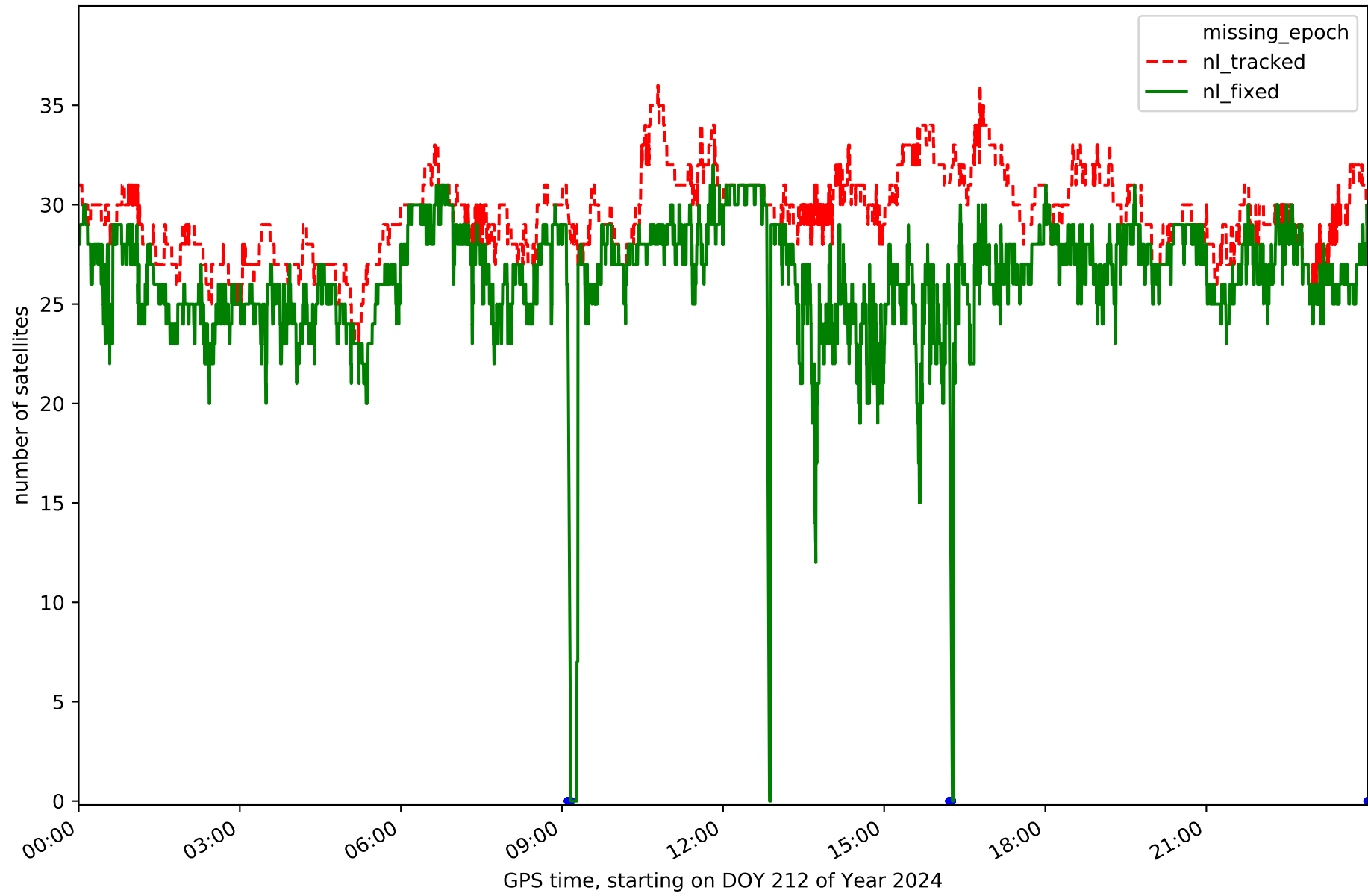
Station LEON in network NET7



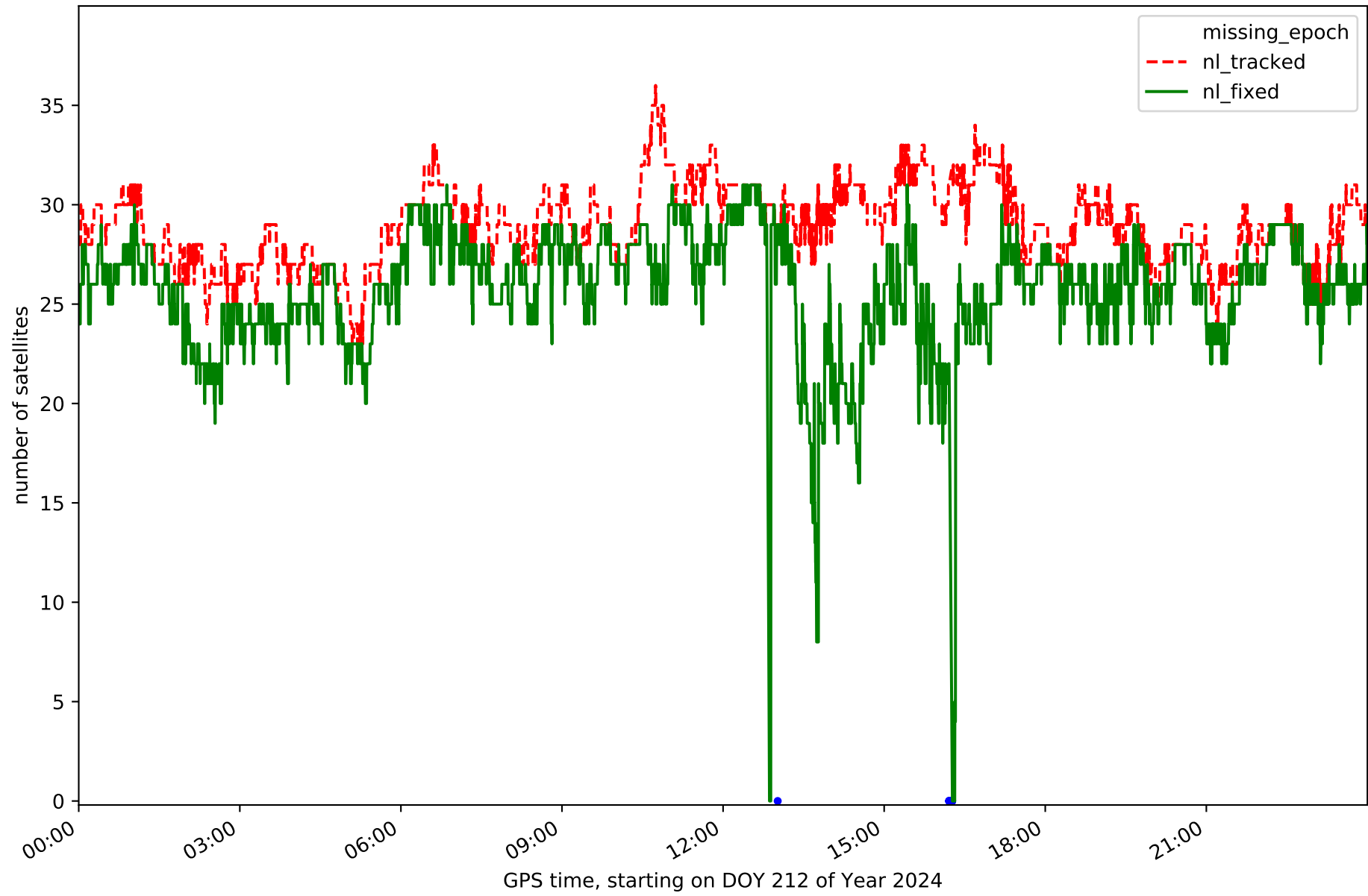
Station MDPM in network NET7



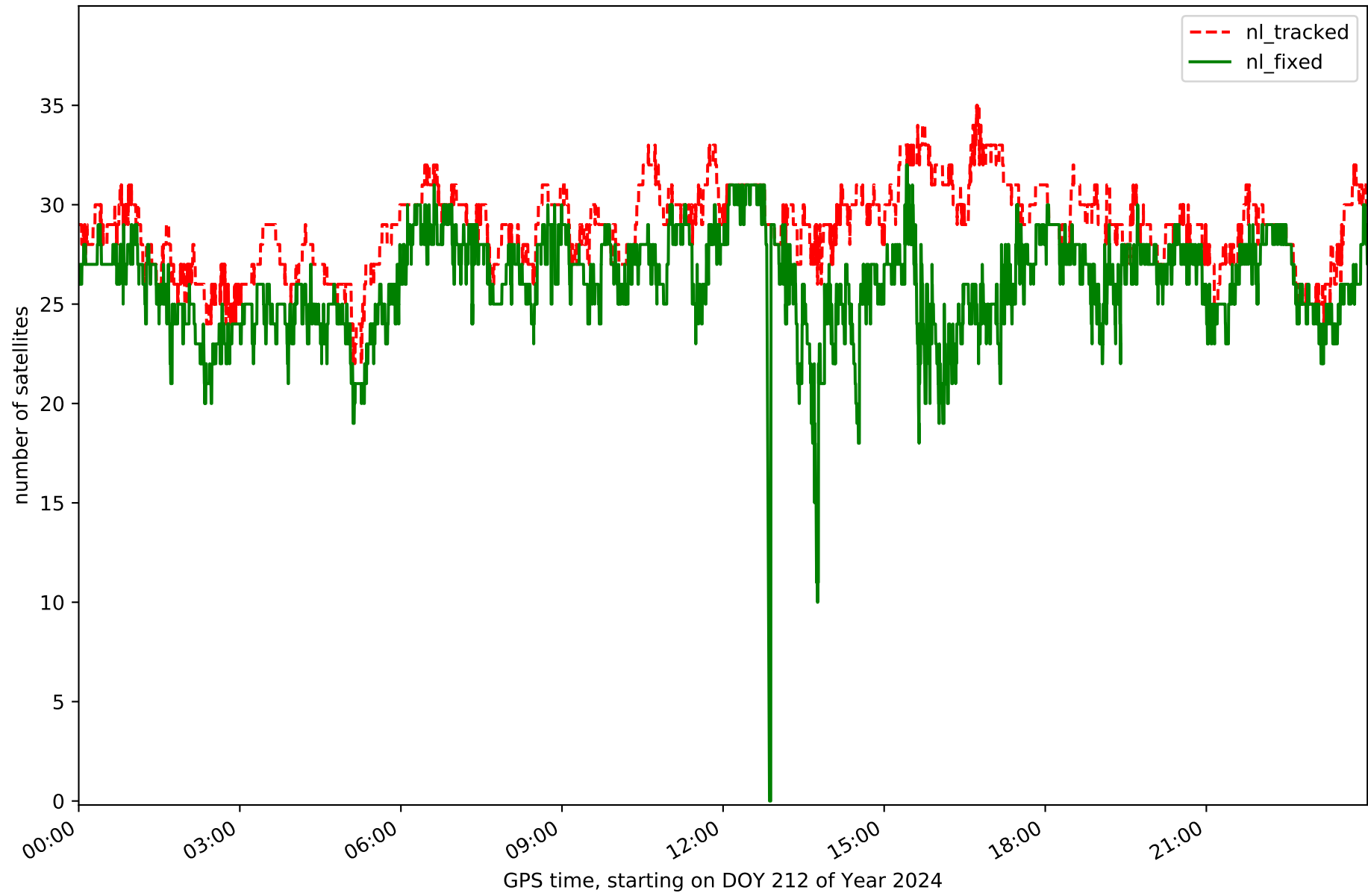
Station RENS in network NET7



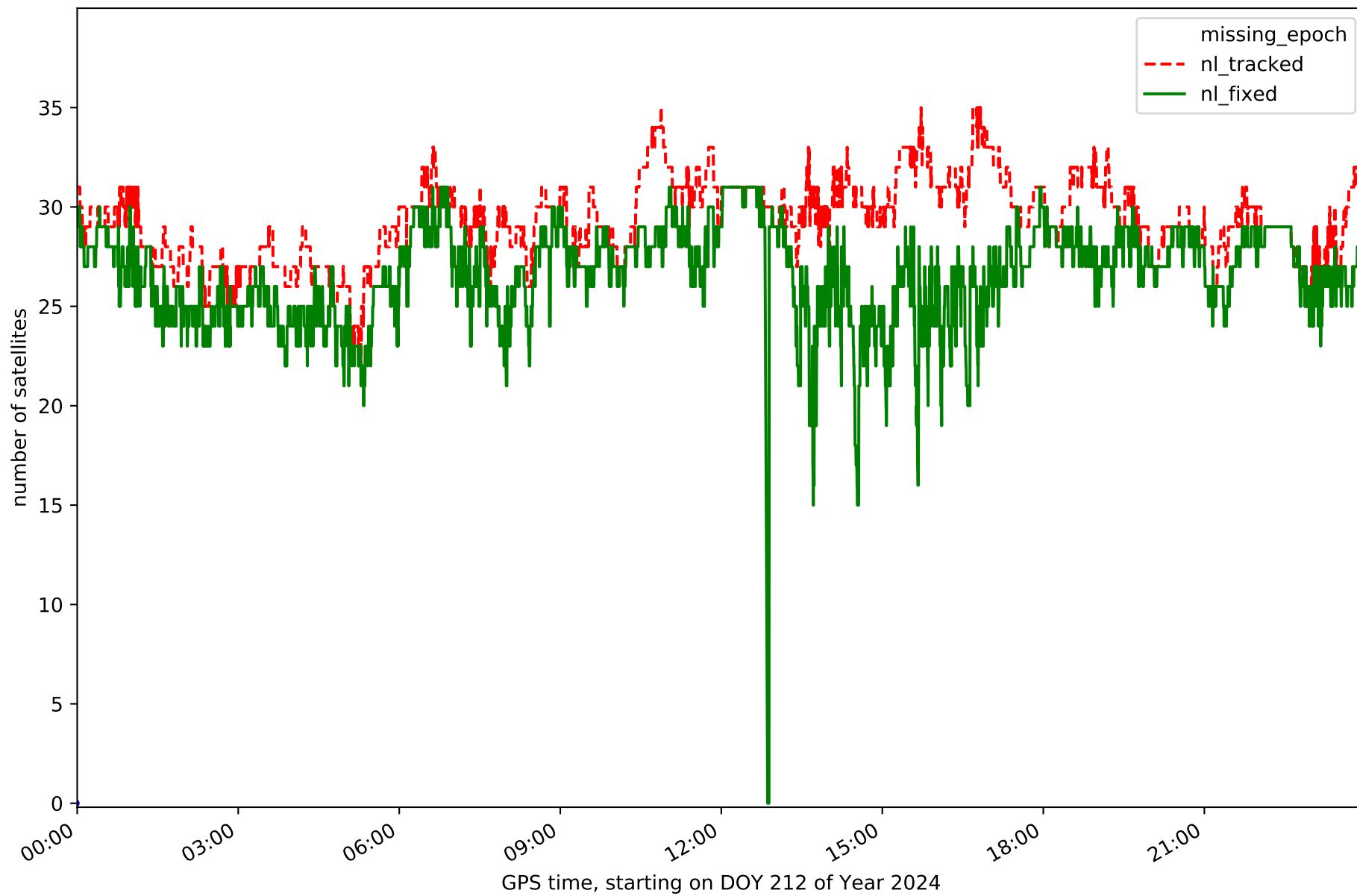
Station RIAN in network NET7



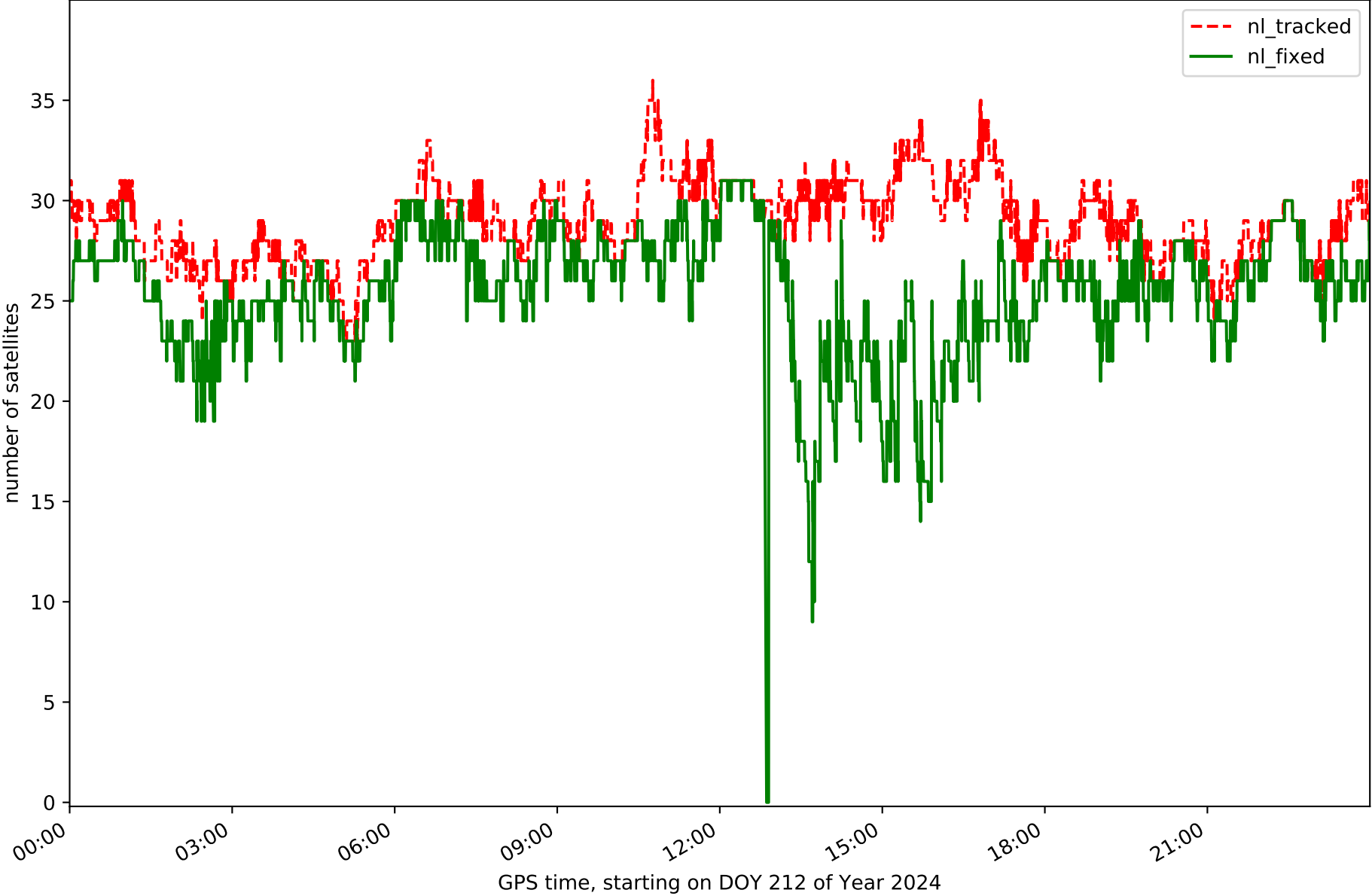
Station RIBE in network NET7



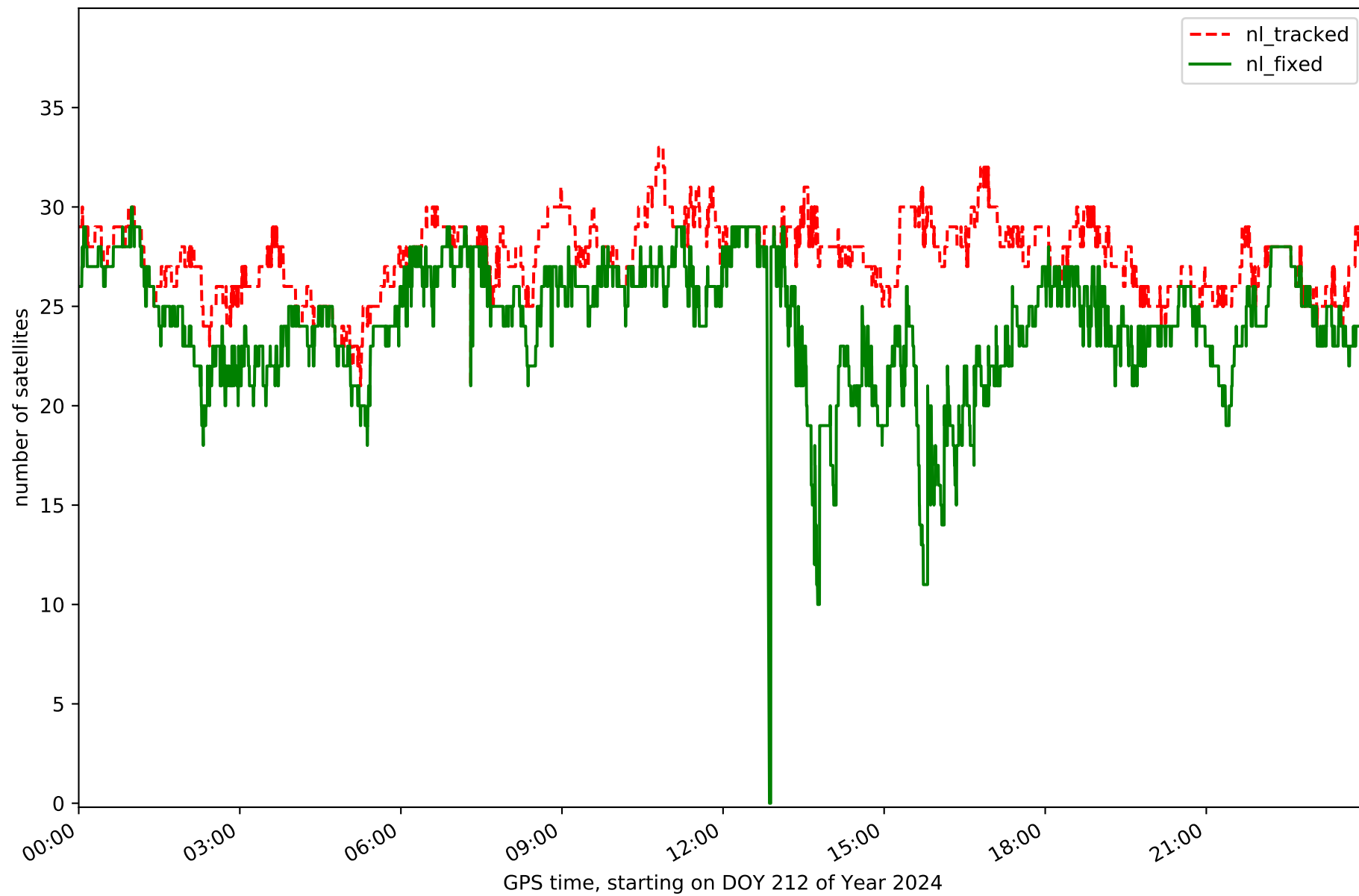
Station RNAN in network NET7



Station SALD in network NET7

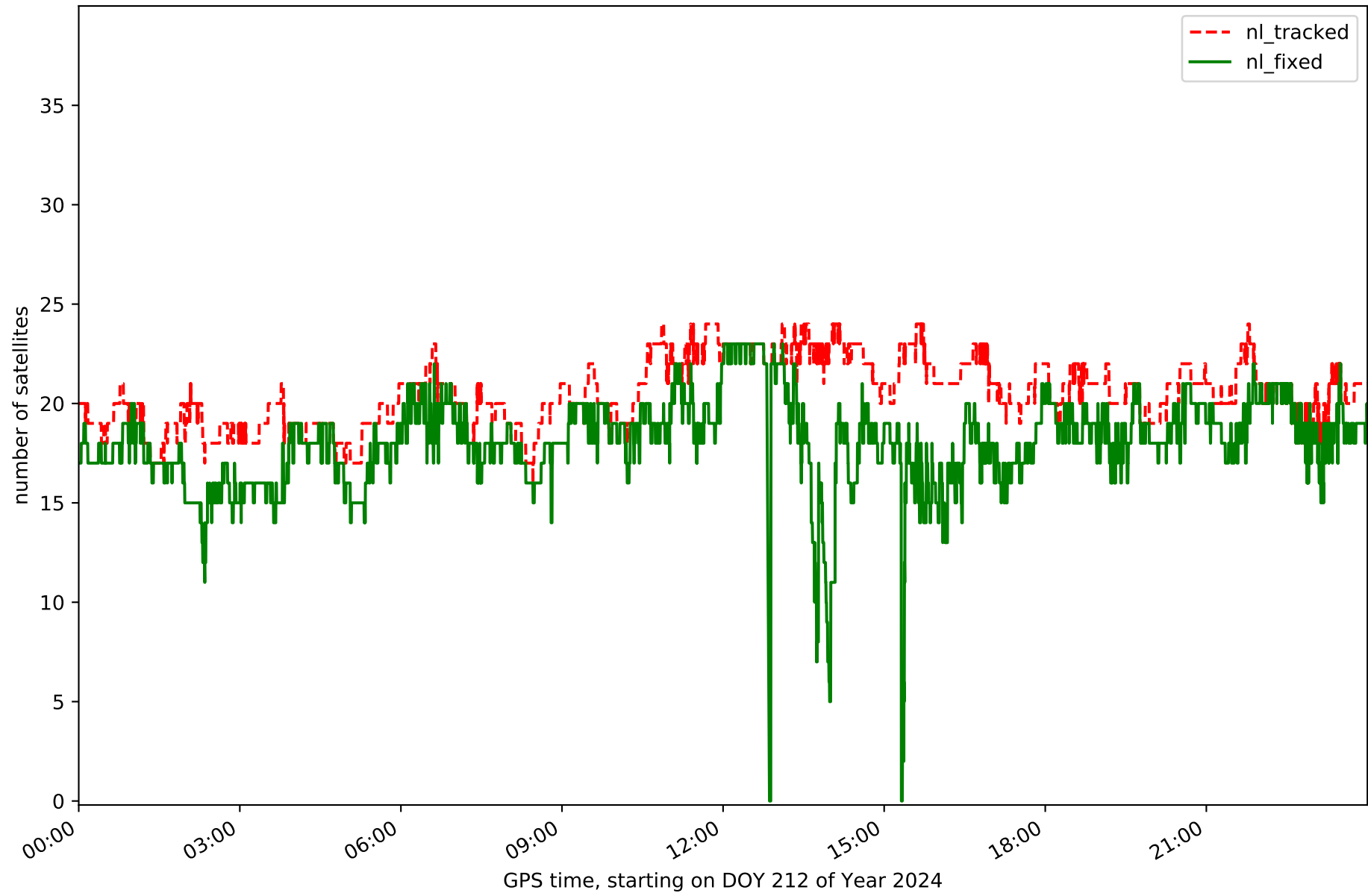


Station SALS in network NET7

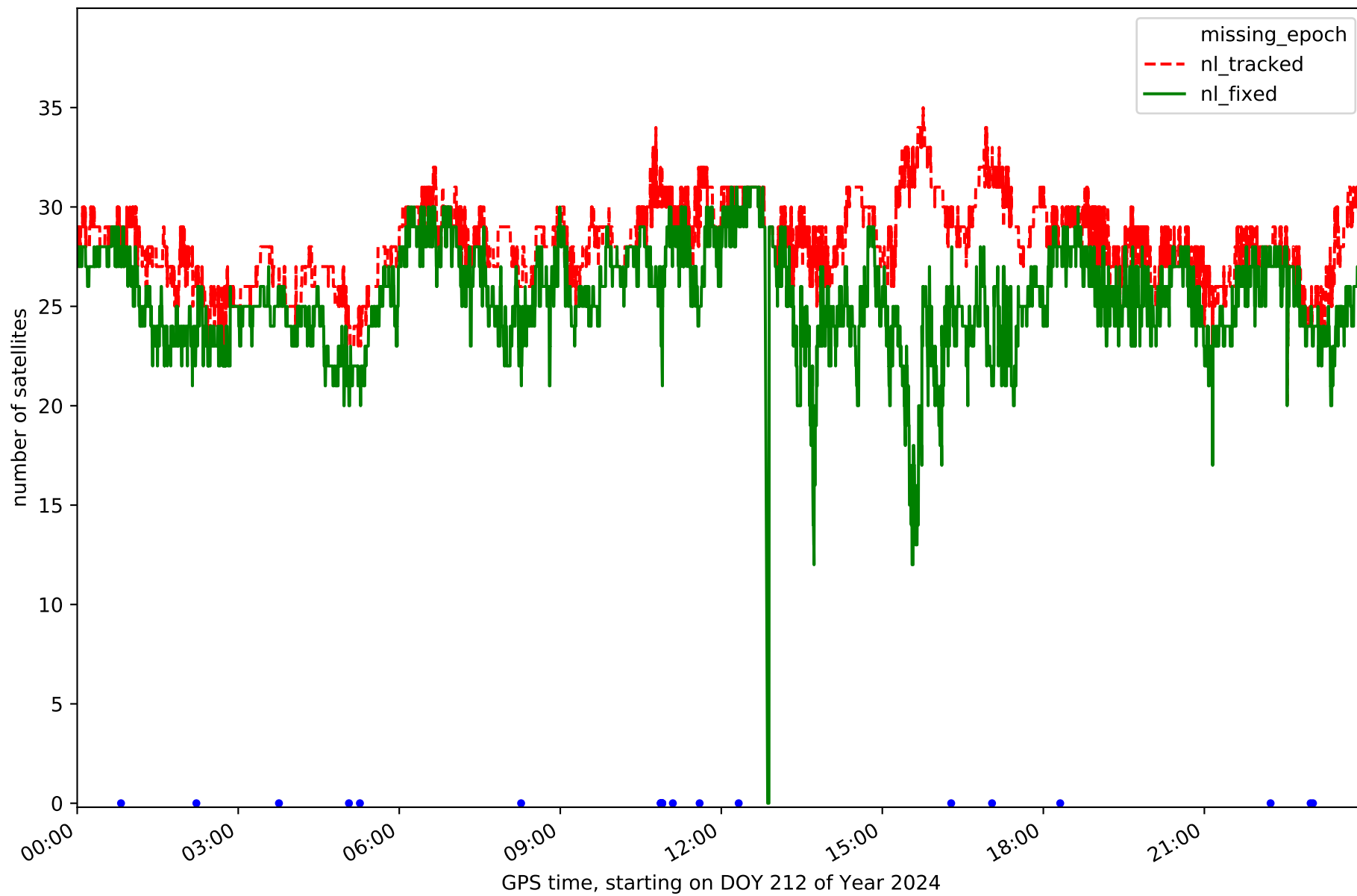




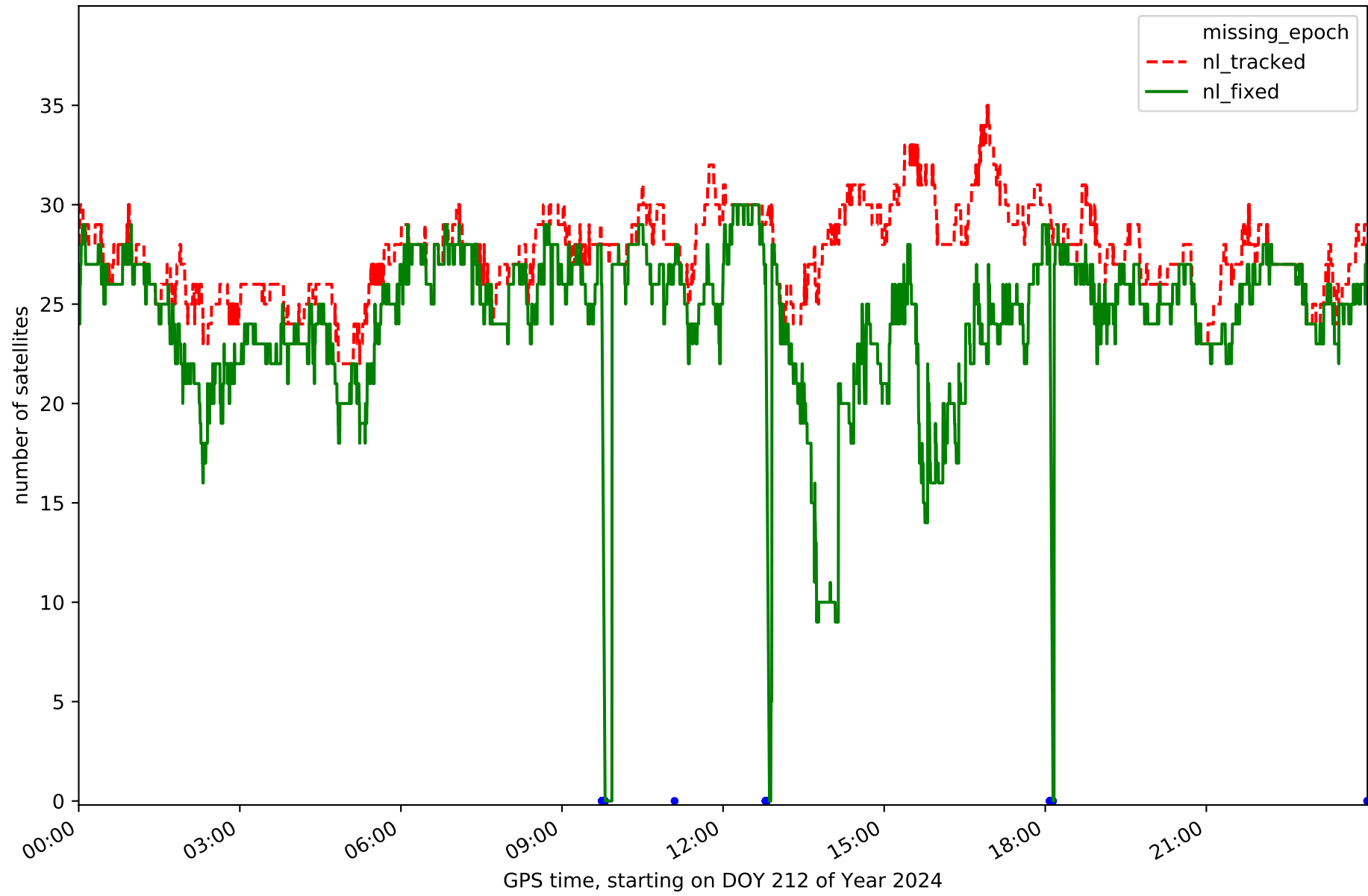
Station SIRO in network NET7



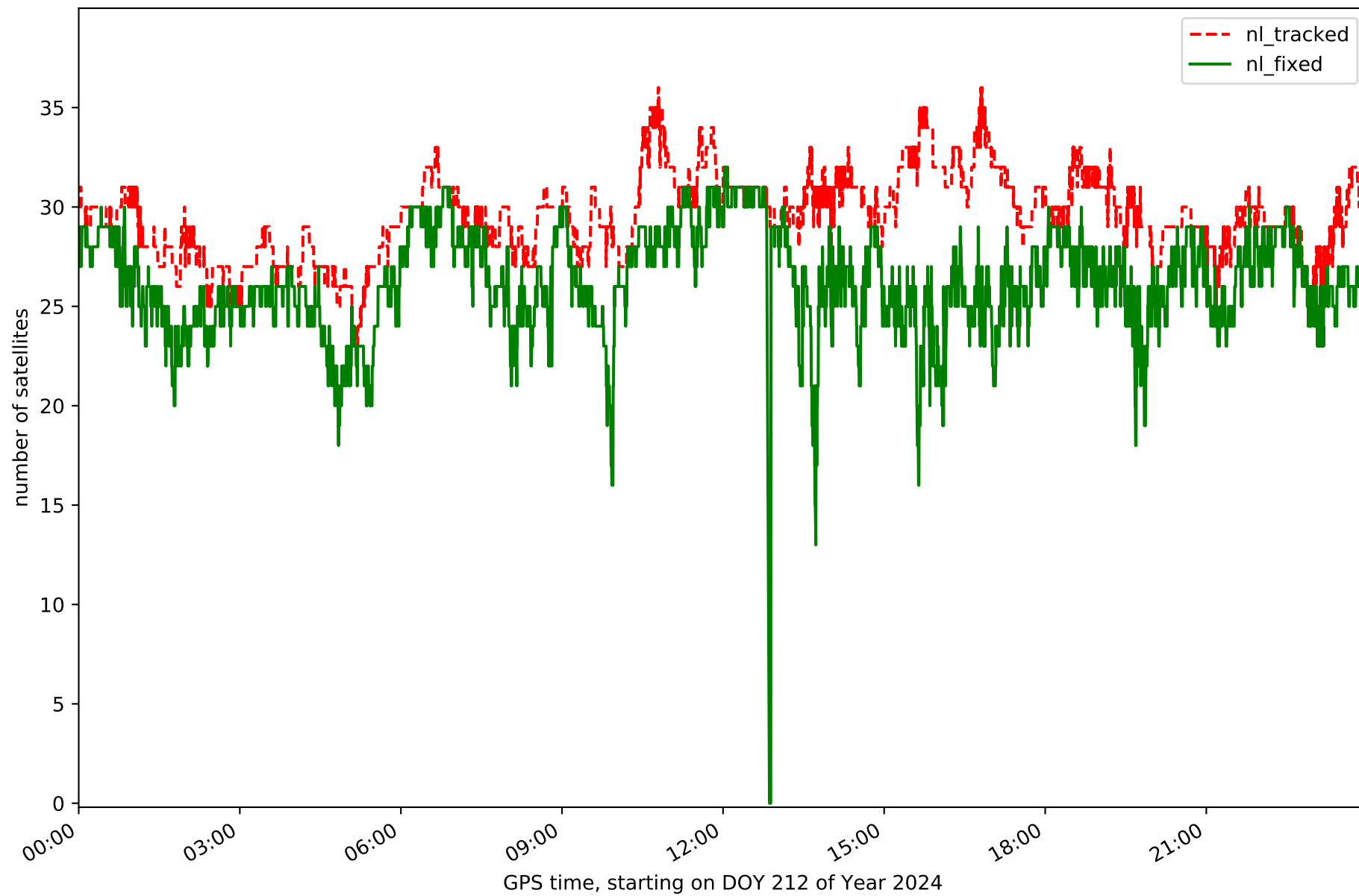
Station TRLV in network NET7



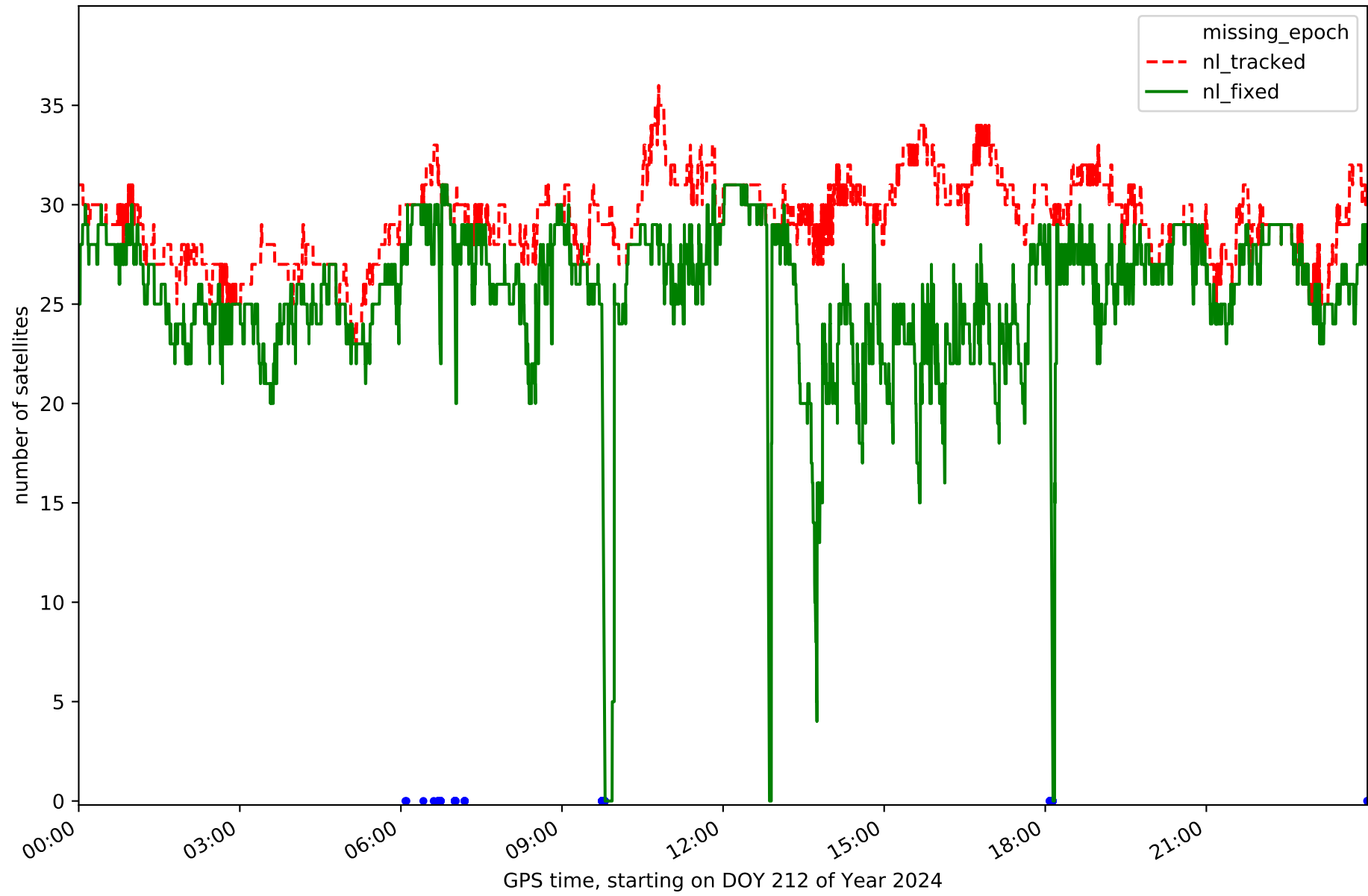
Station VBLO in network NET7



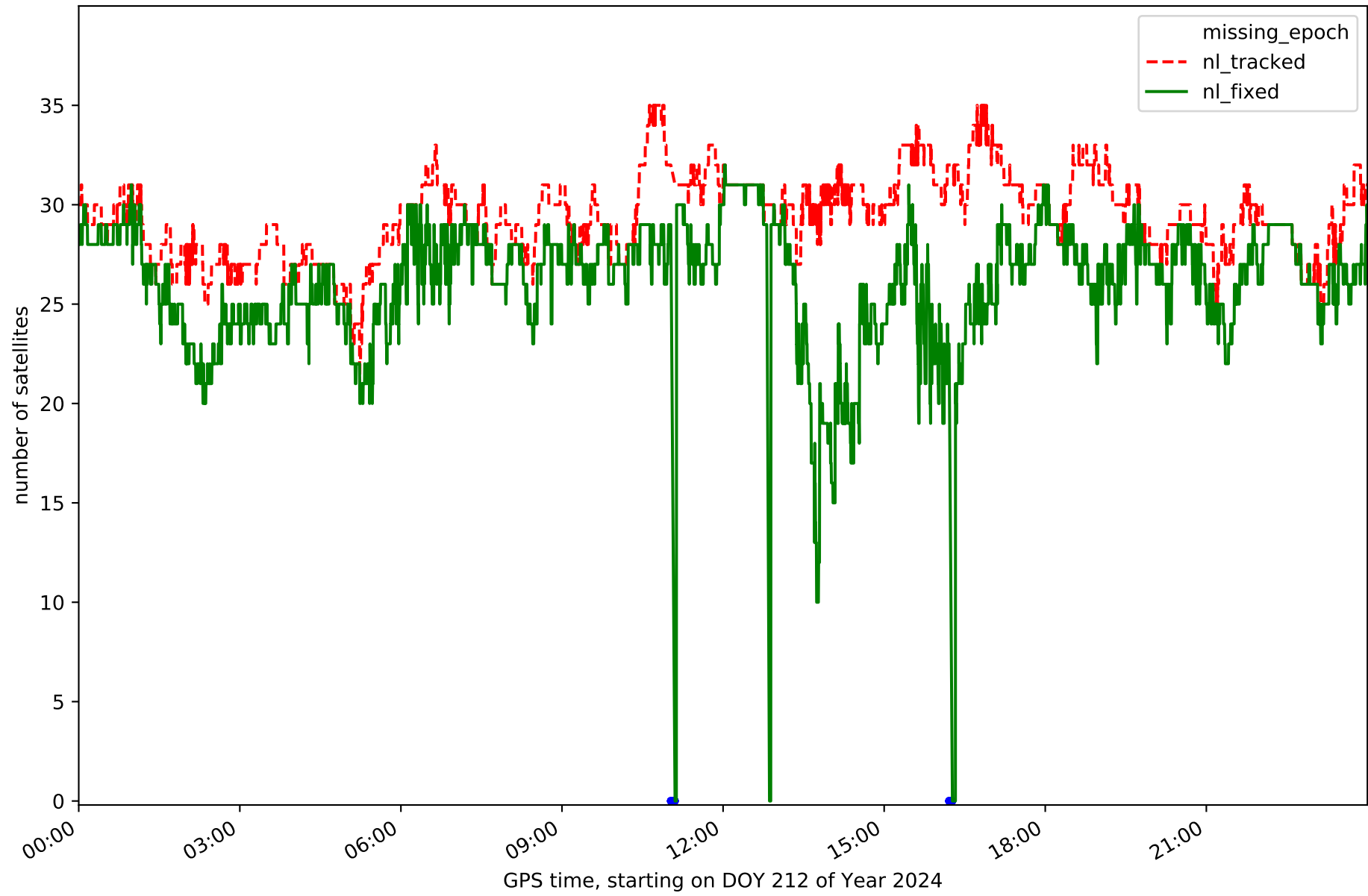
Station VCRD in network NET7



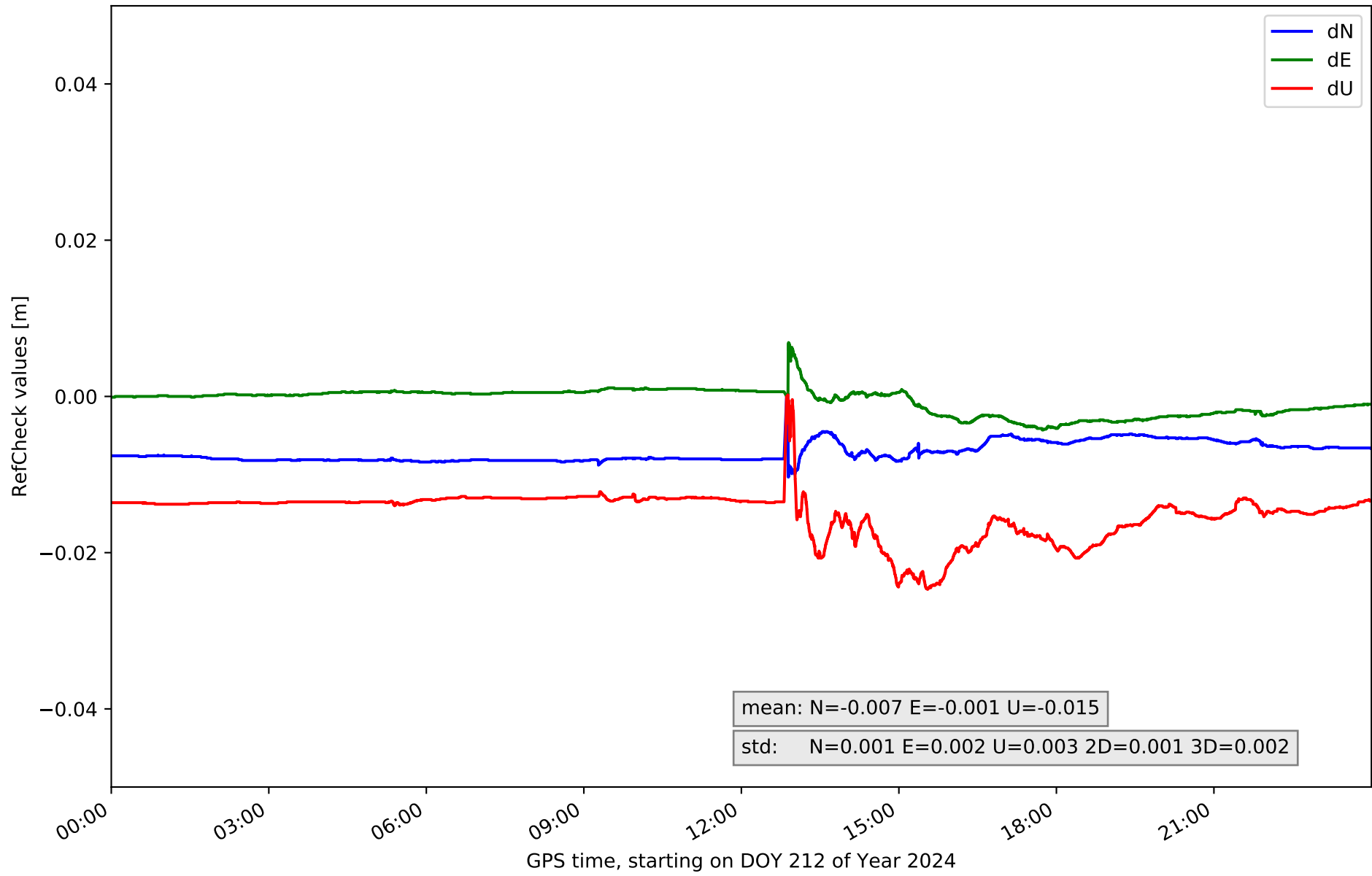
Station VDGO in network NET7



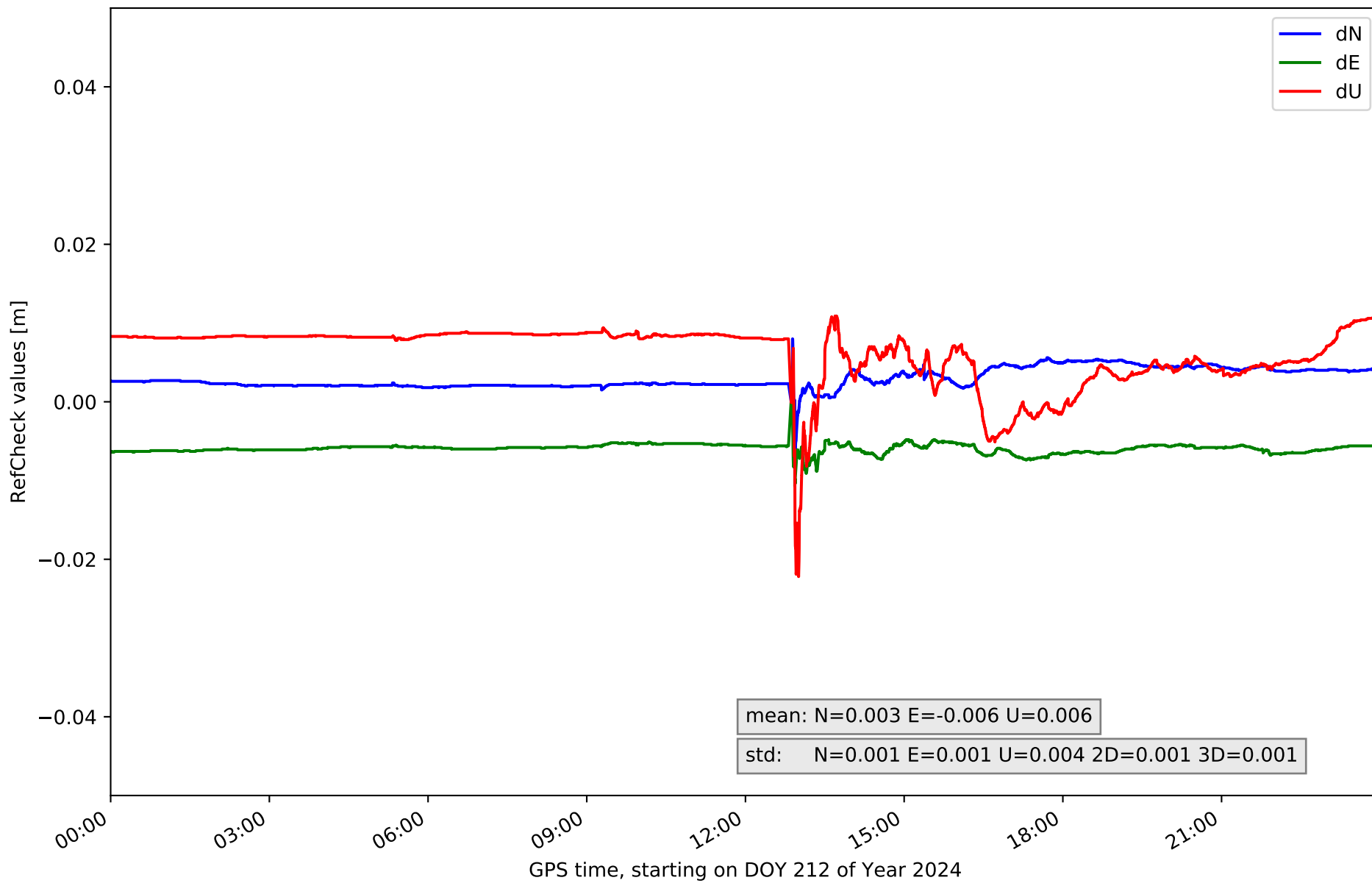
Station XIXO in network NET7



# RefCheck for station AVL1 in network NET7

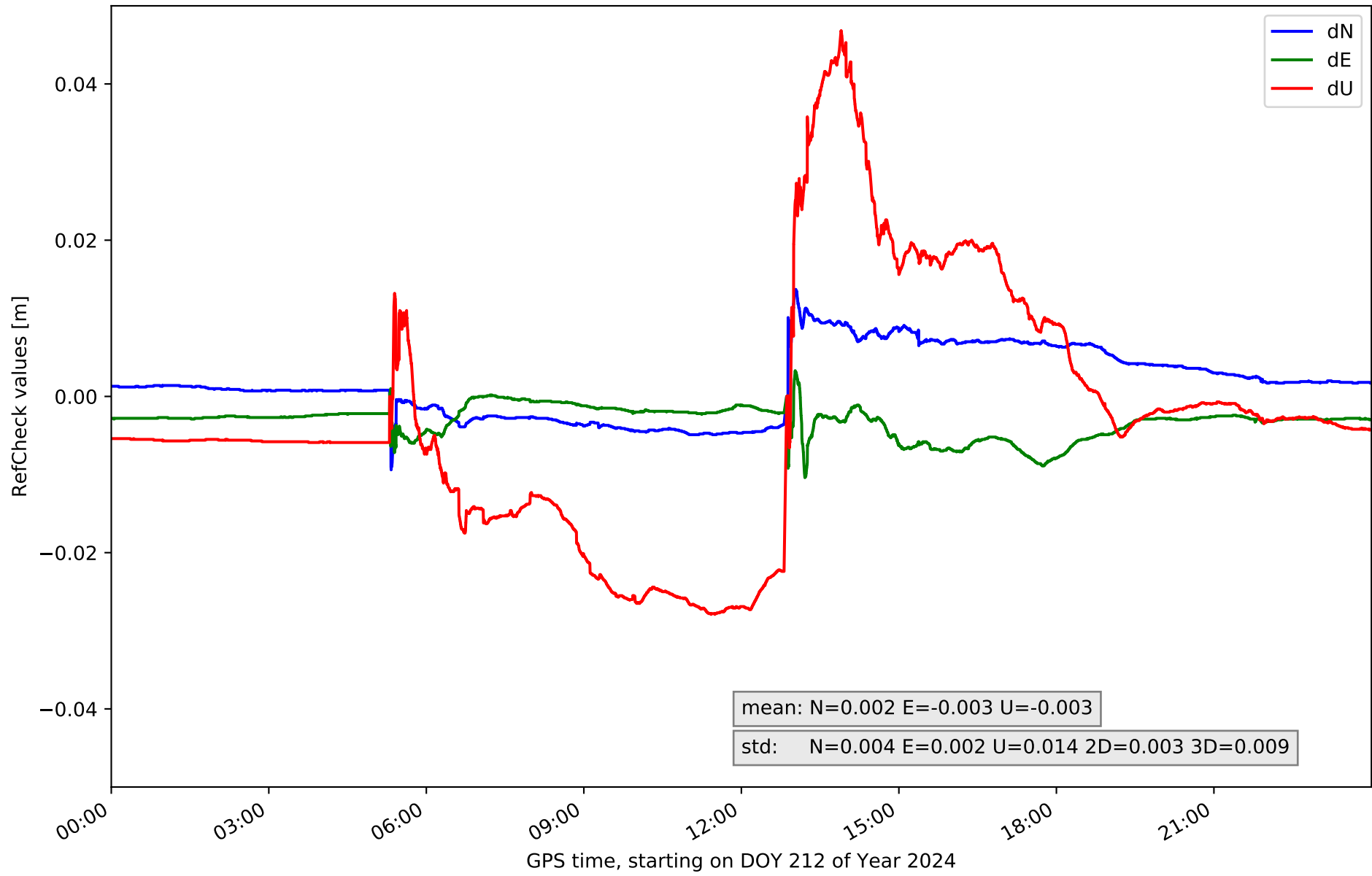


# RefCheck for station CANT in network NET7

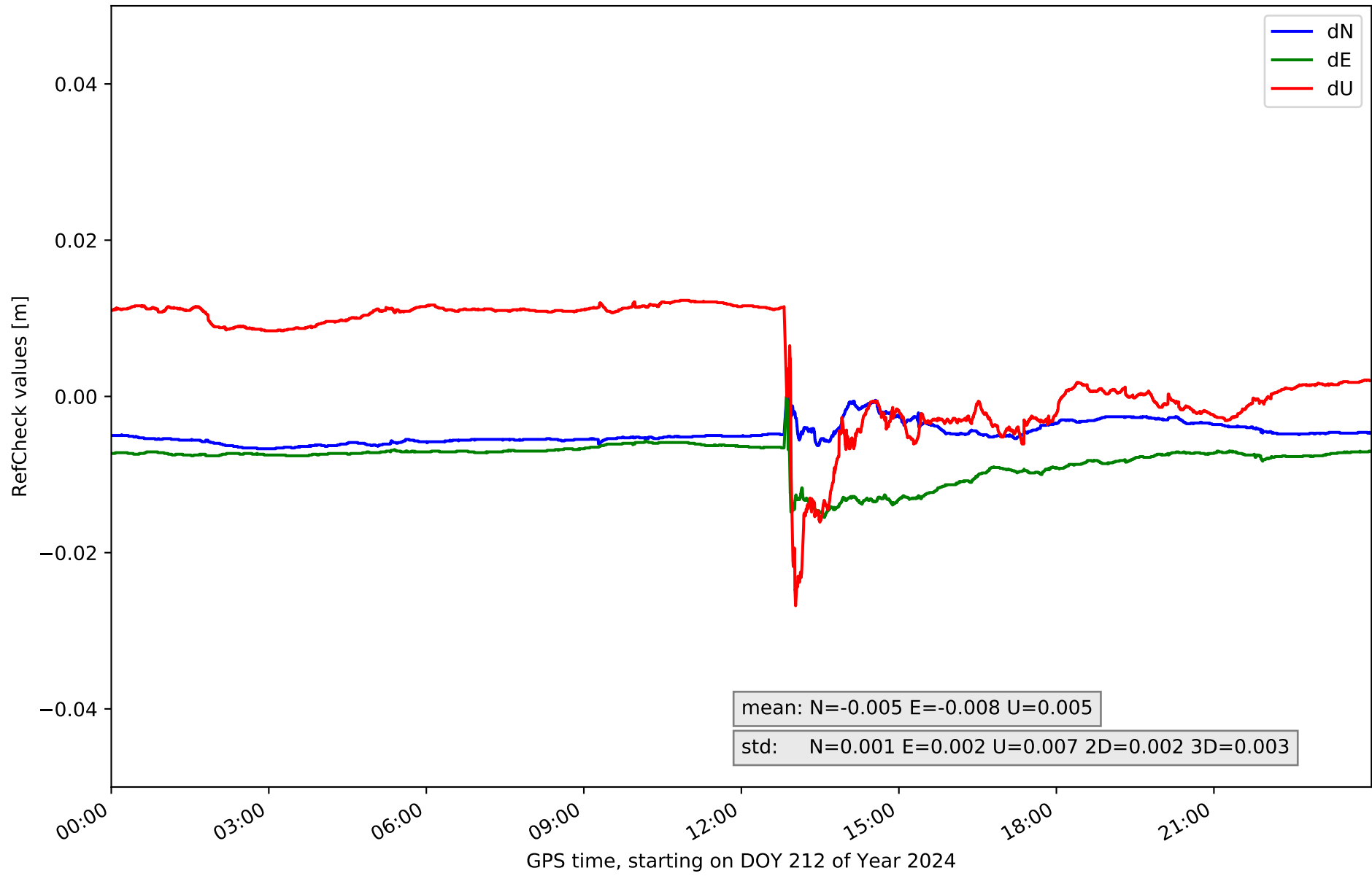




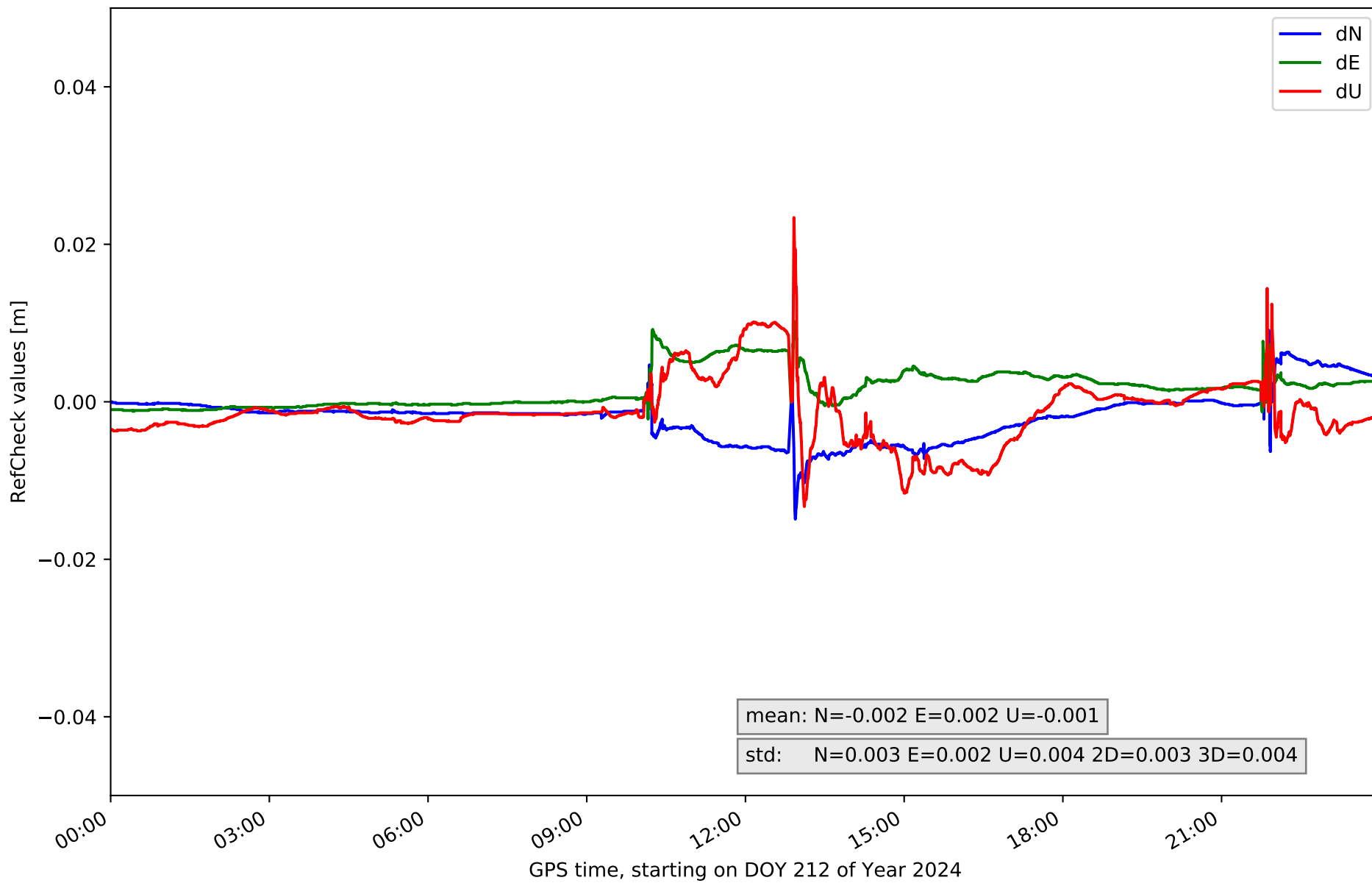
# RefCheck for station CASO in network NET7



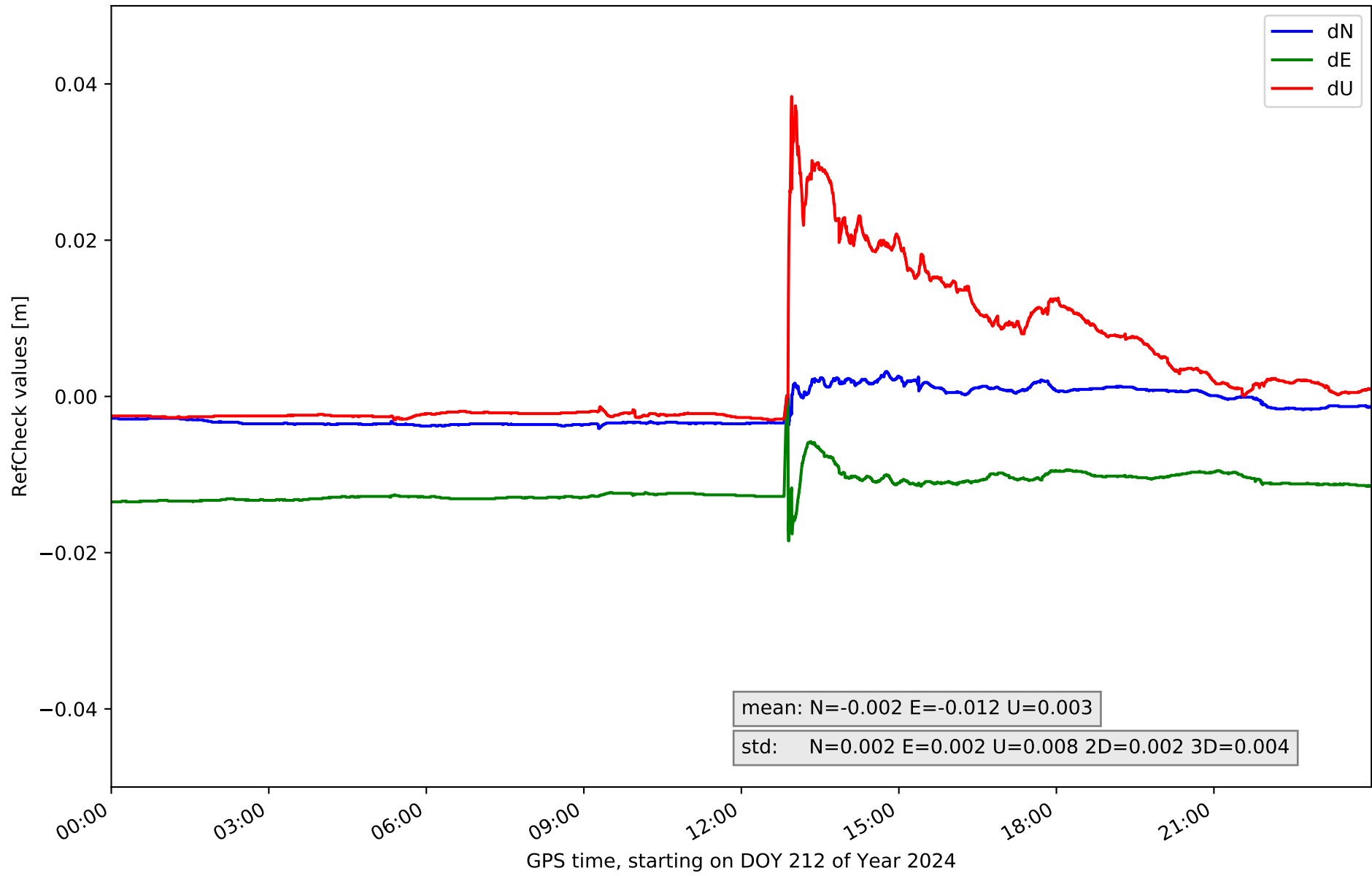
# RefCheck for station EMAZ in network NET7



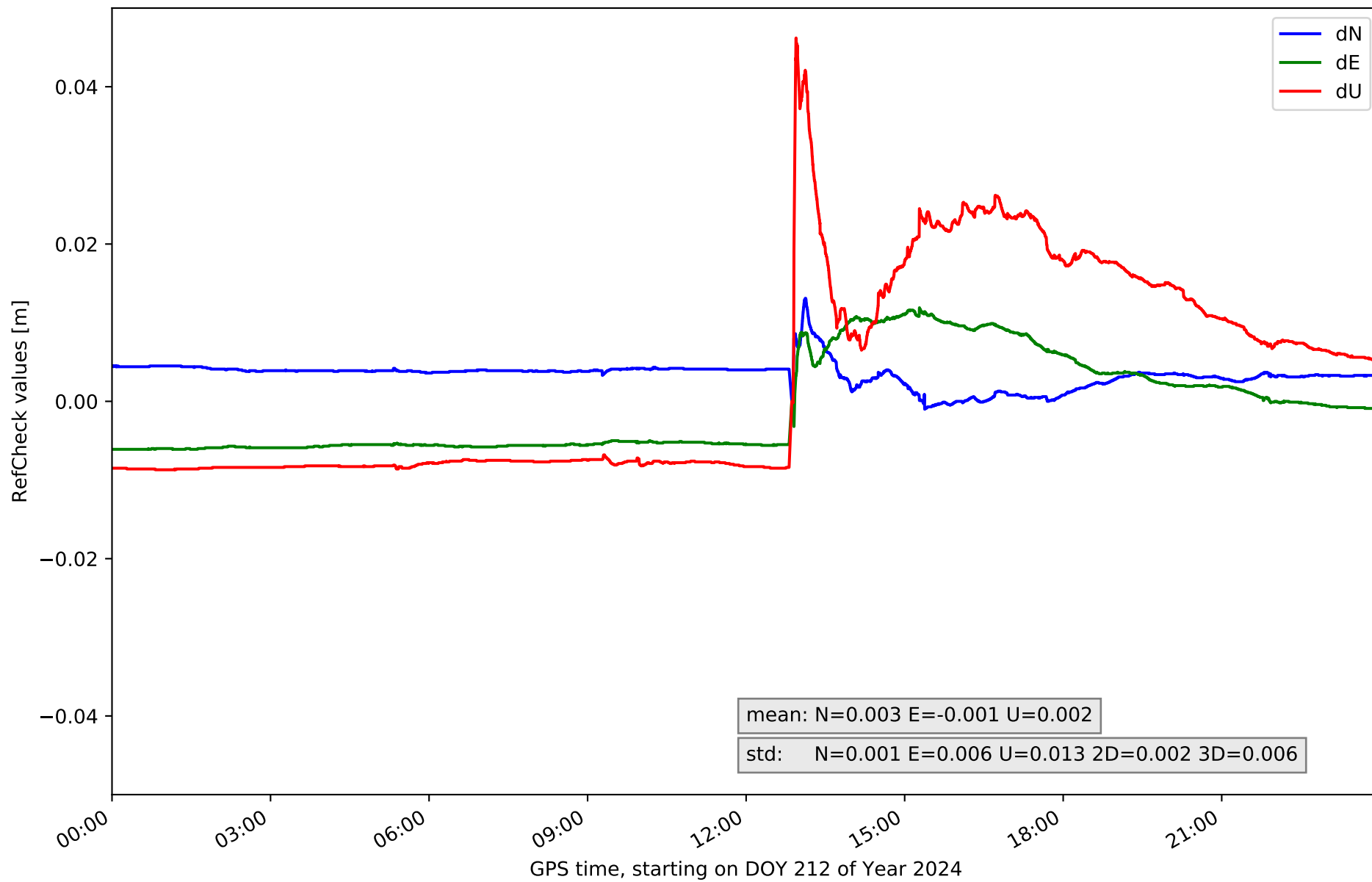
# RefCheck for station FUDE in network NET7



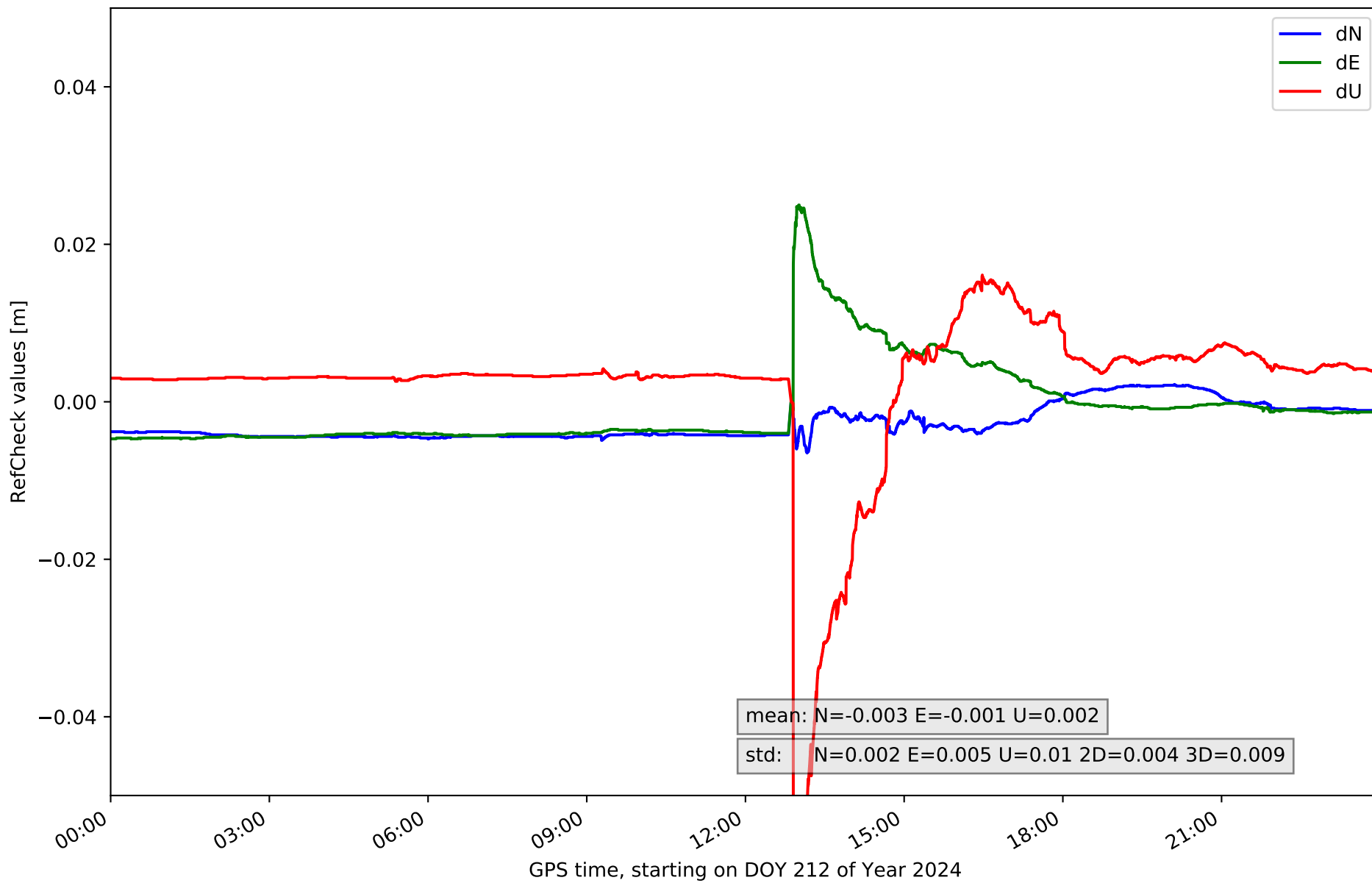
# RefCheck for station LARE in network NET7



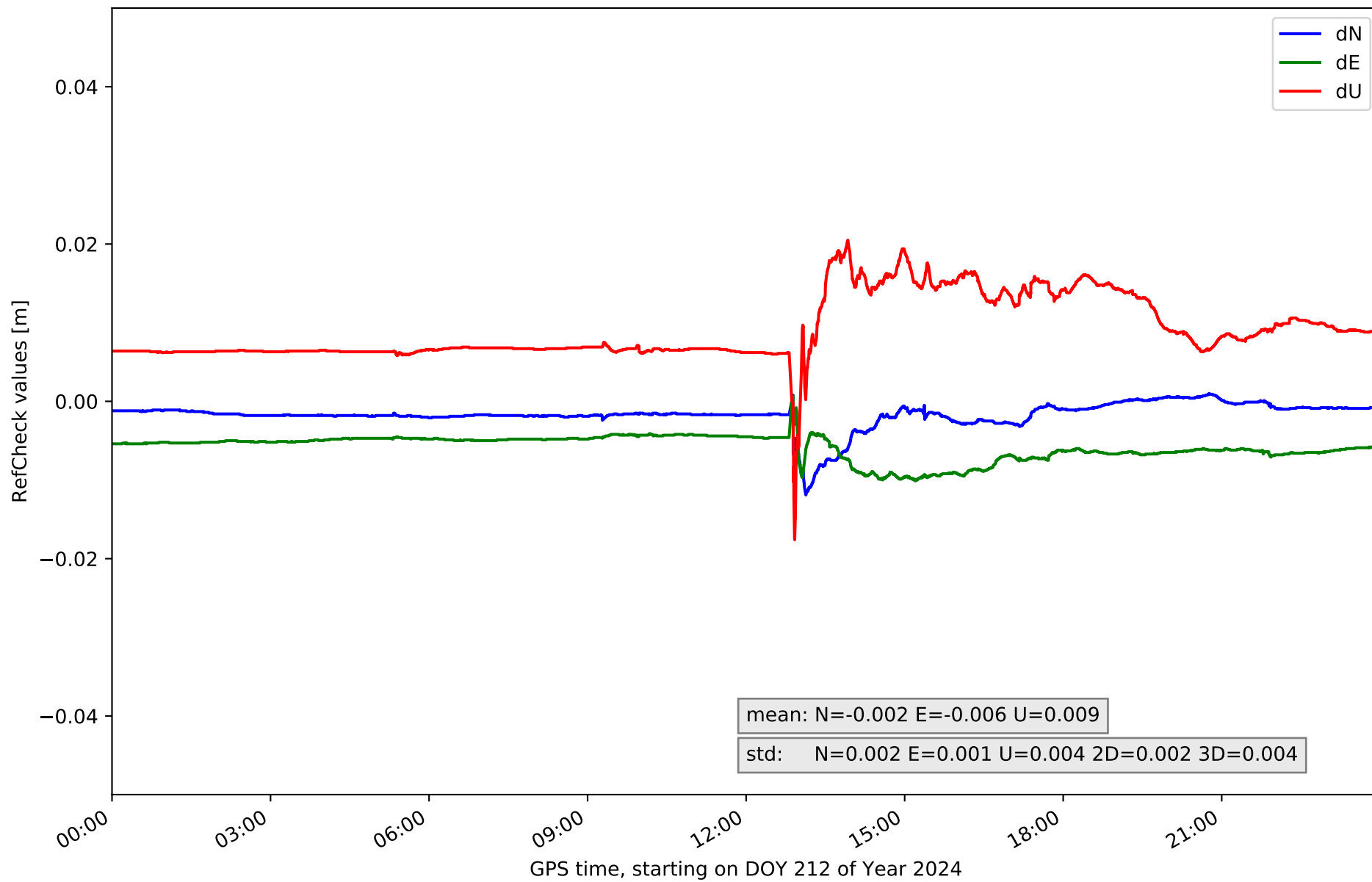
### RefCheck for station LENA in network NET7



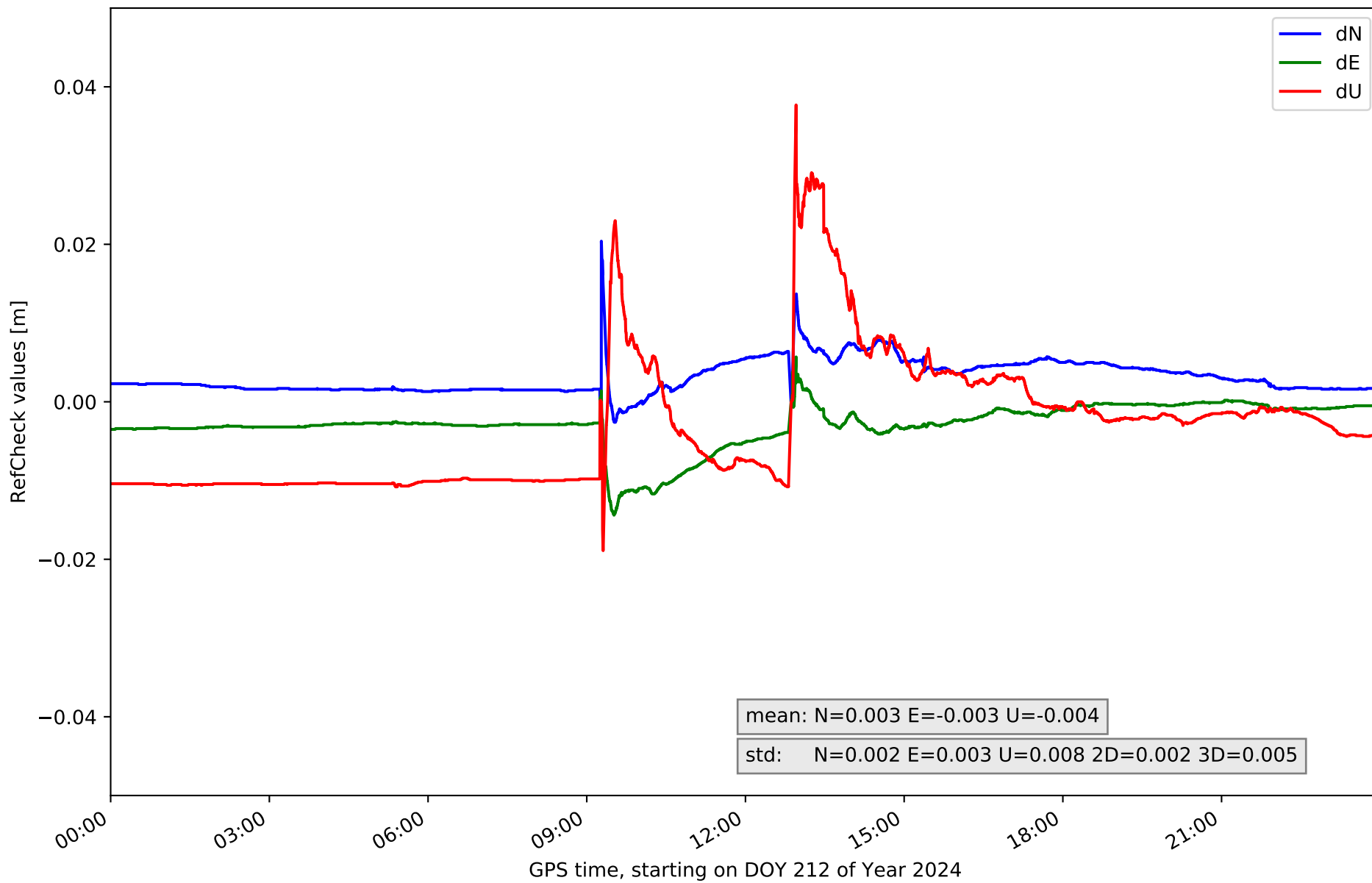
### RefCheck for station LEON in network NET7



# RefCheck for station MDPM in network NET7

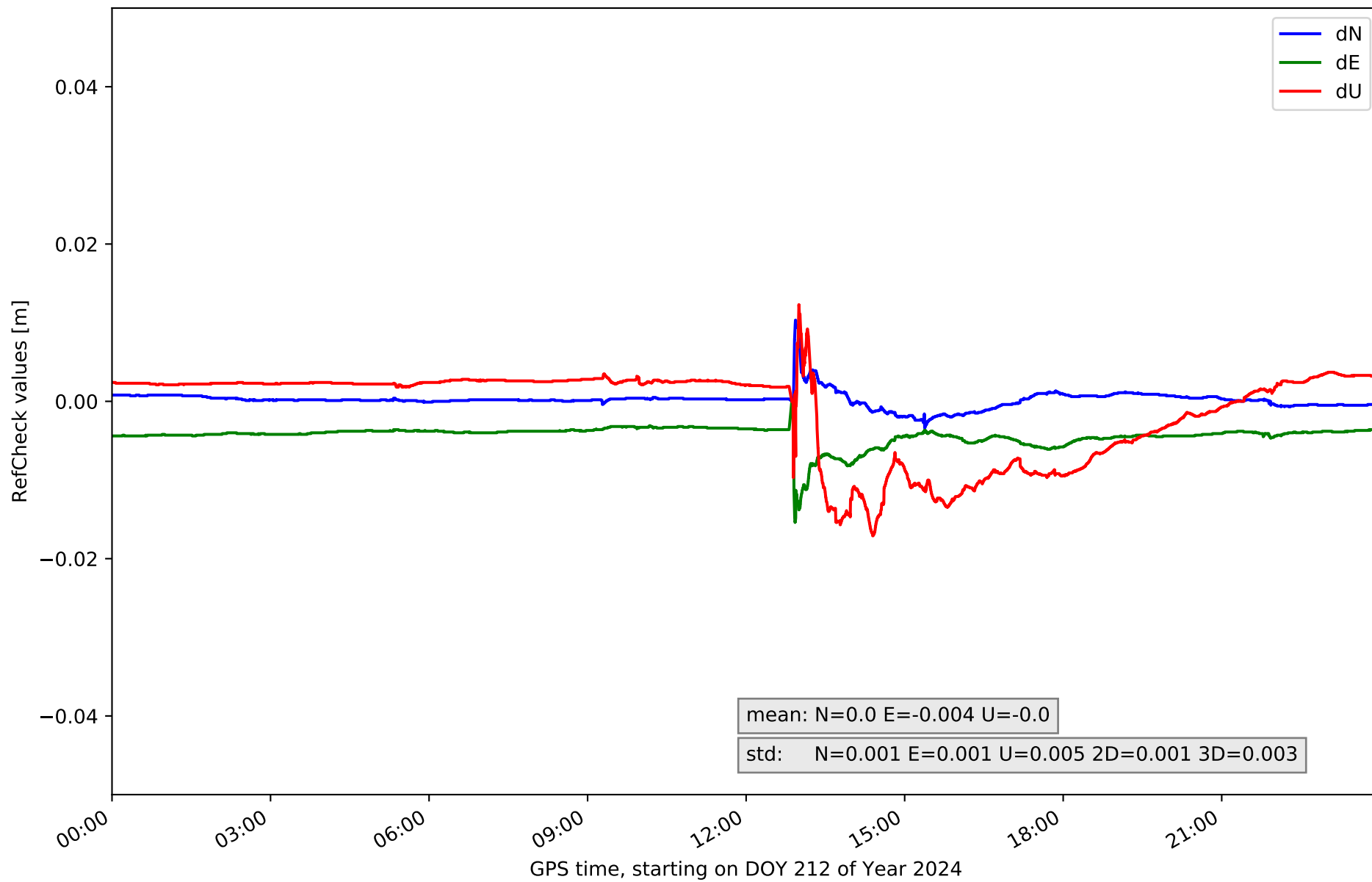


### RefCheck for station RENS in network NET7

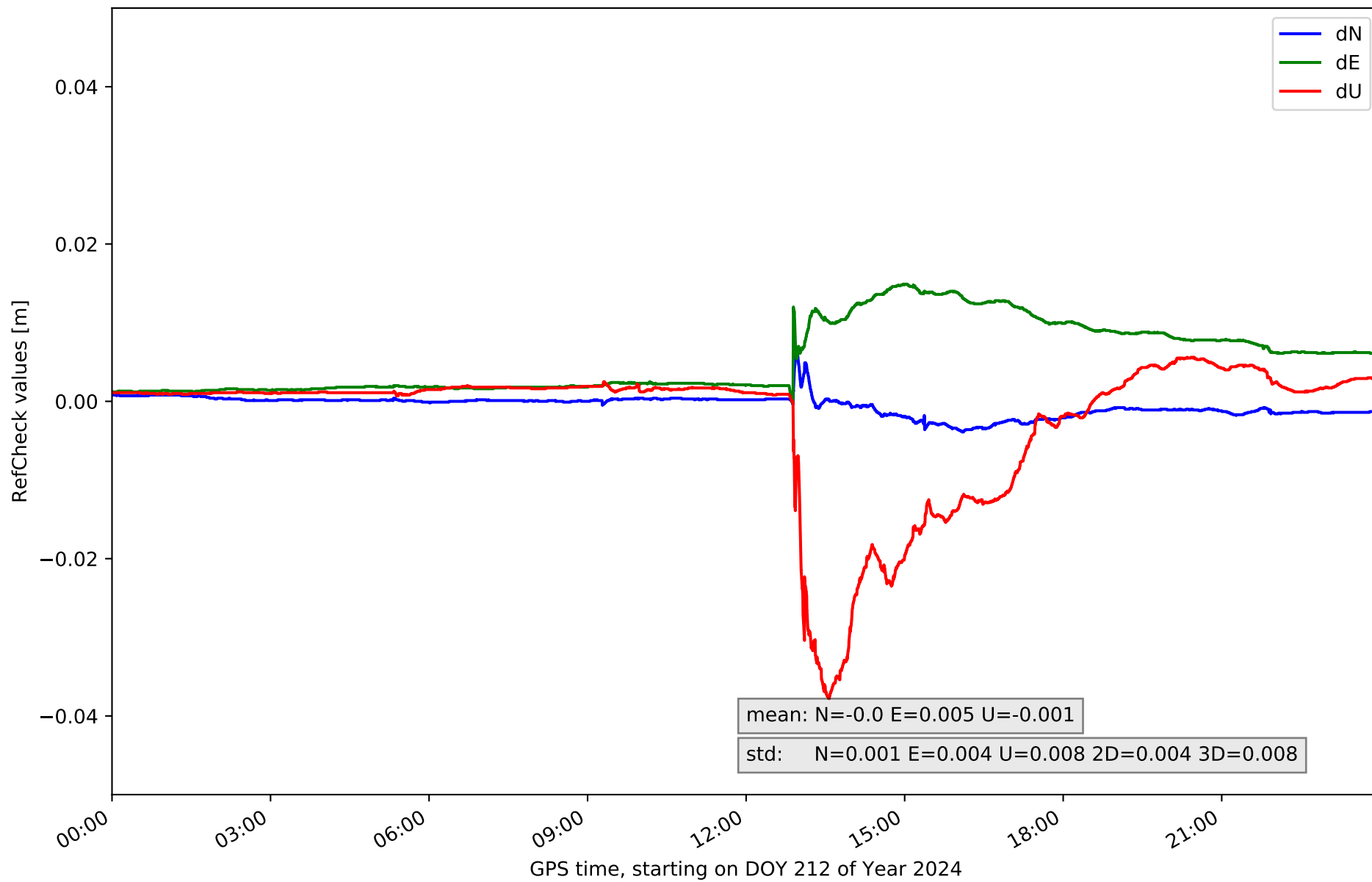




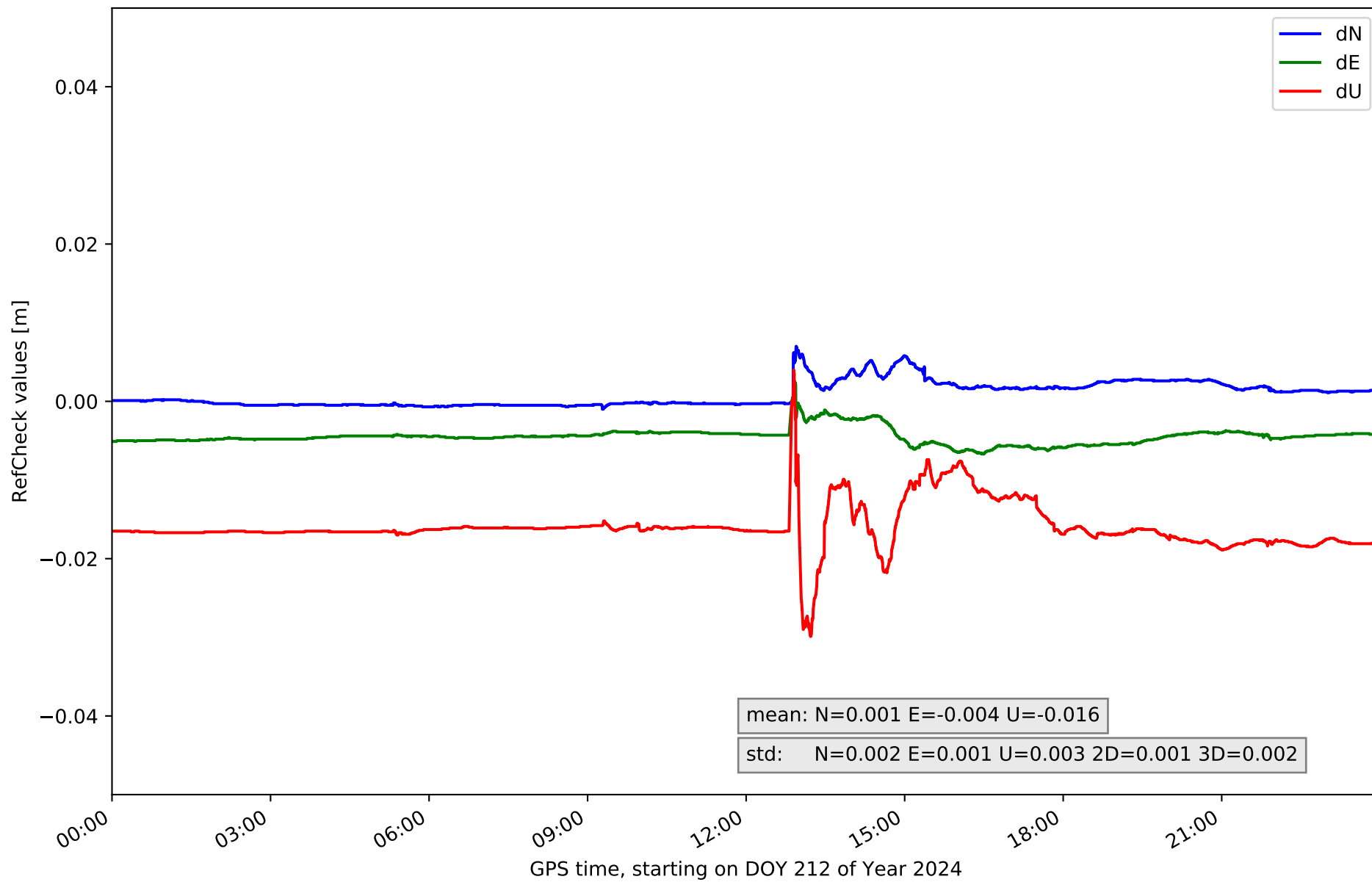
### RefCheck for station RIAN in network NET7



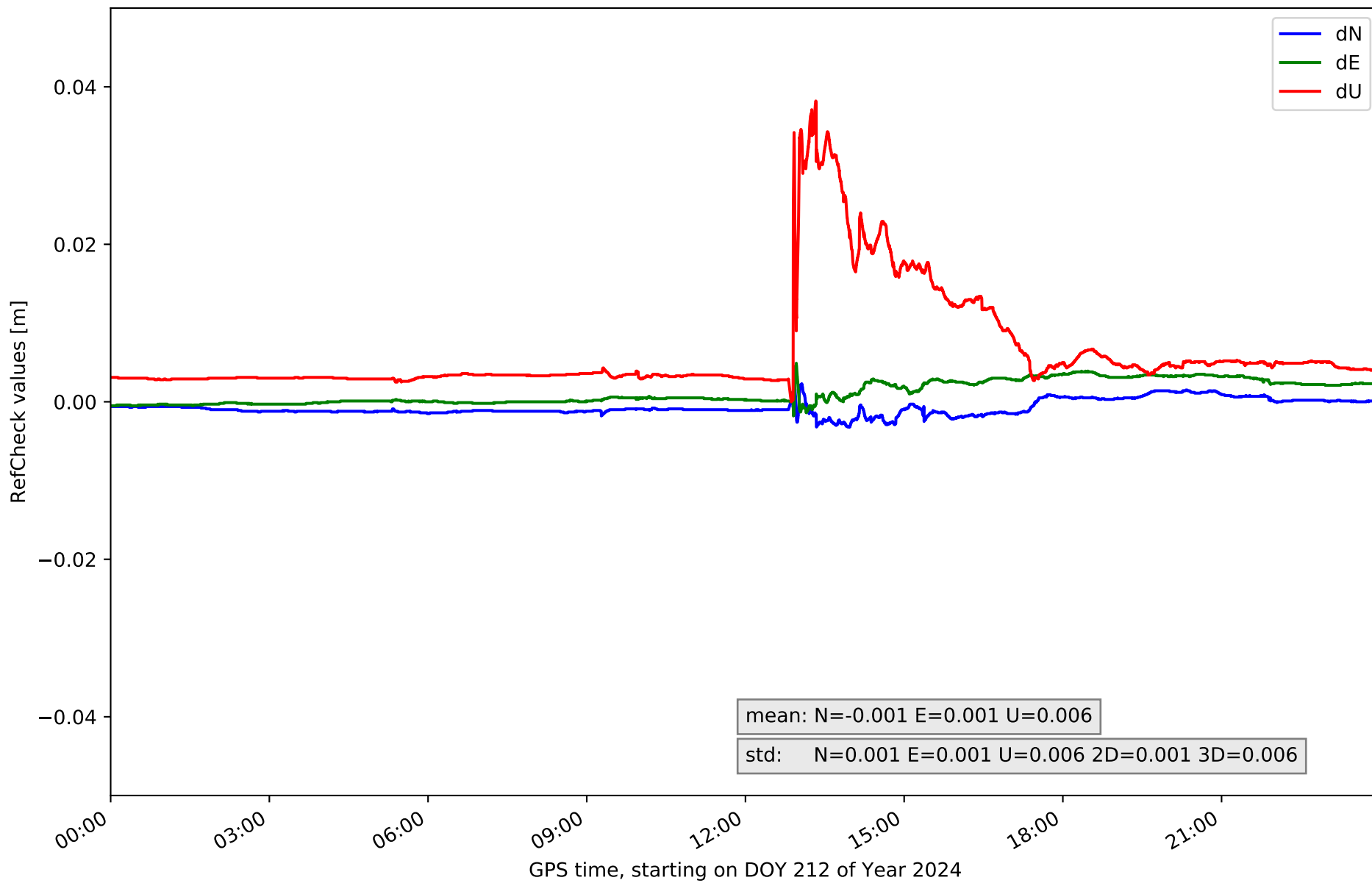
# RefCheck for station RIBE in network NET7



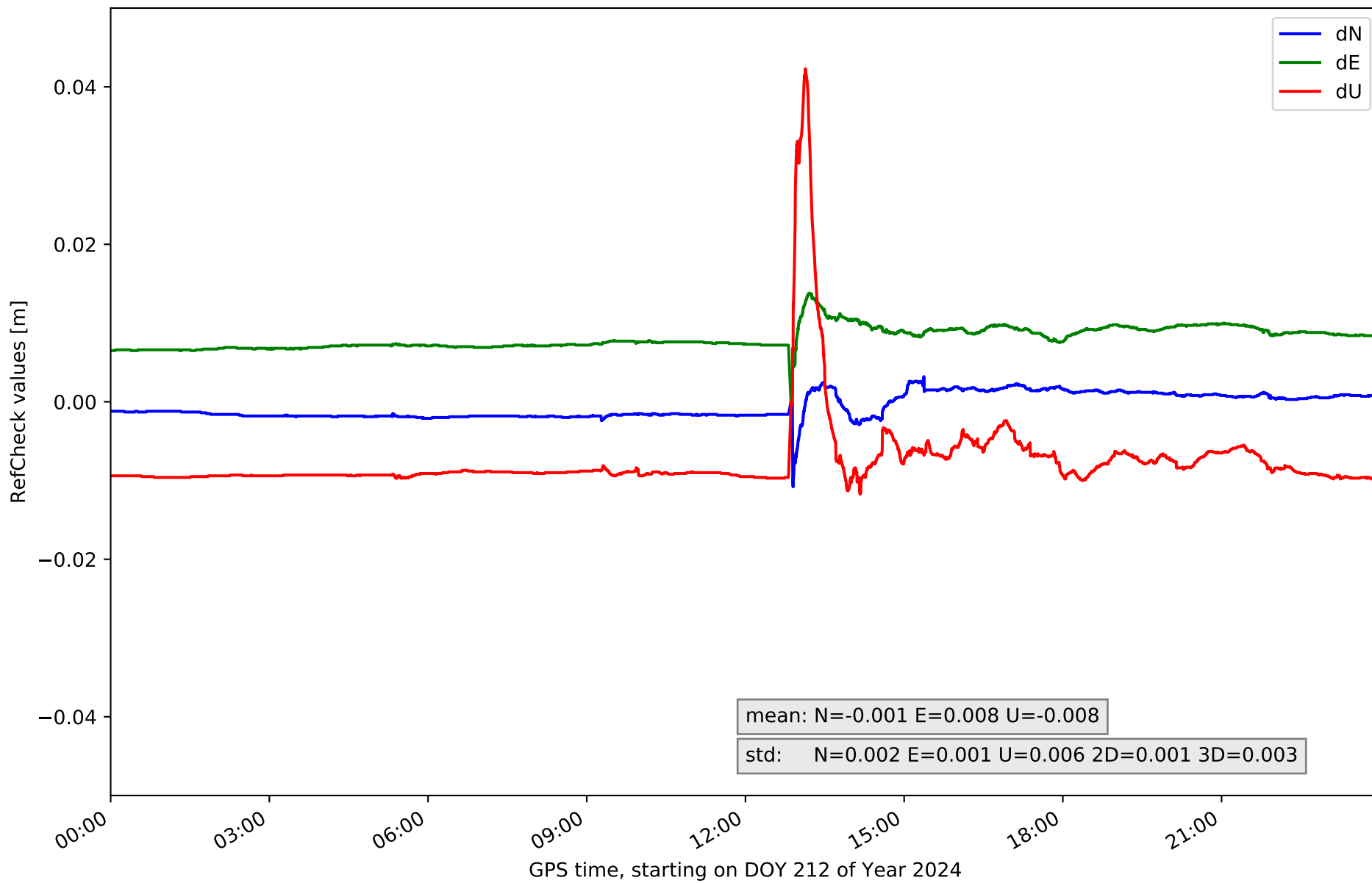
### RefCheck for station RNAN in network NET7



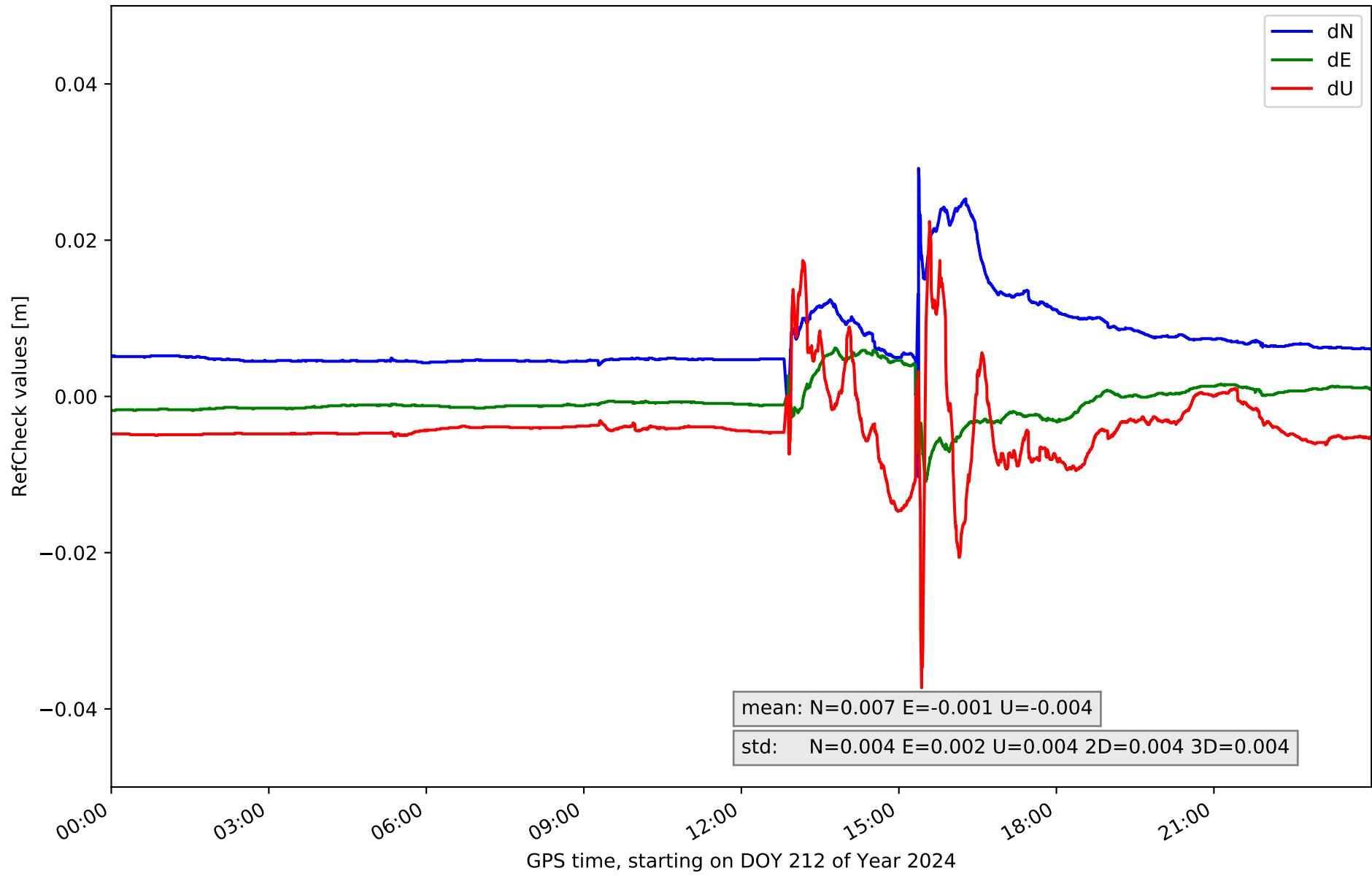
### RefCheck for station SALD in network NET7



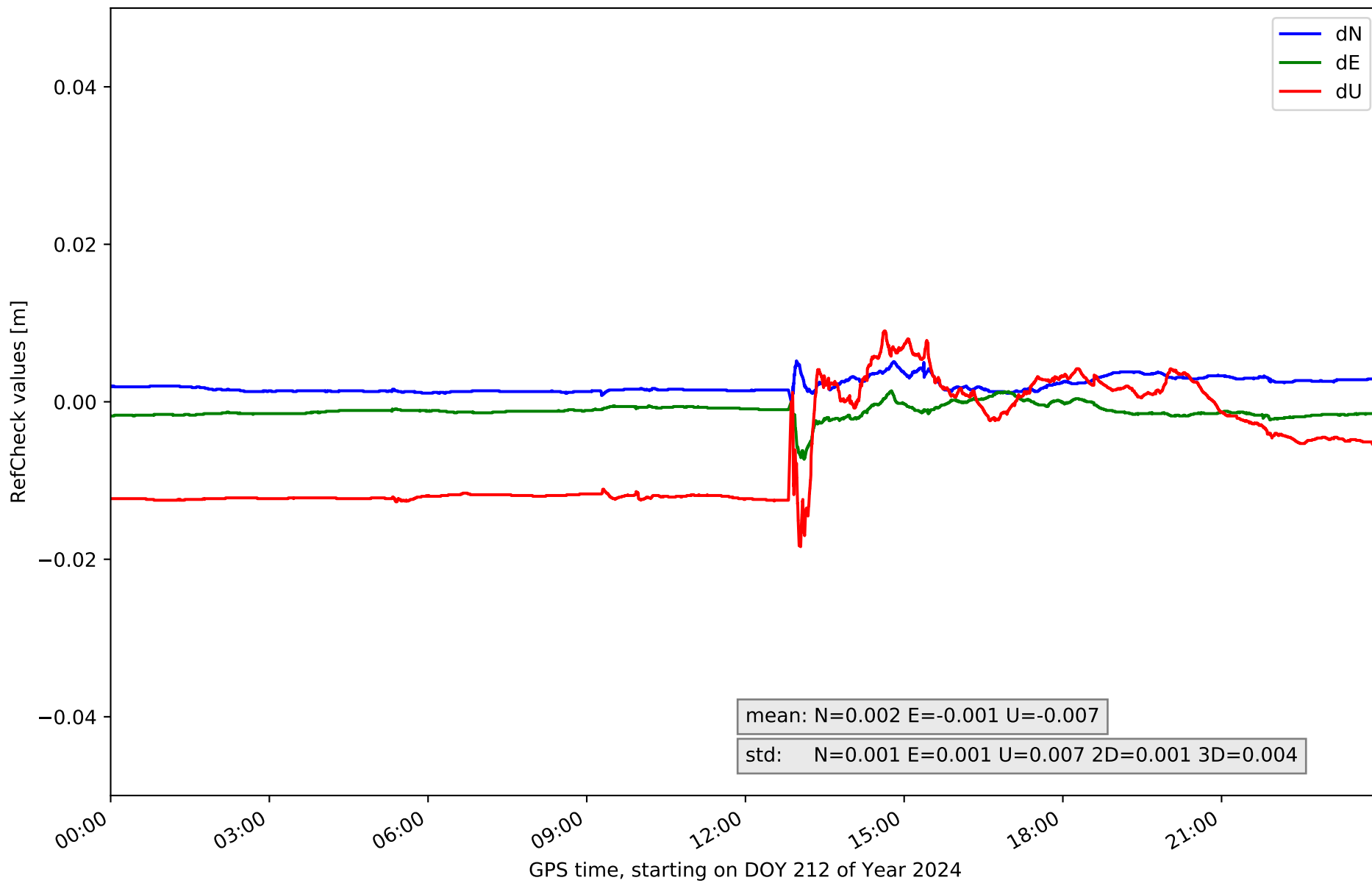
# RefCheck for station SALS in network NET7



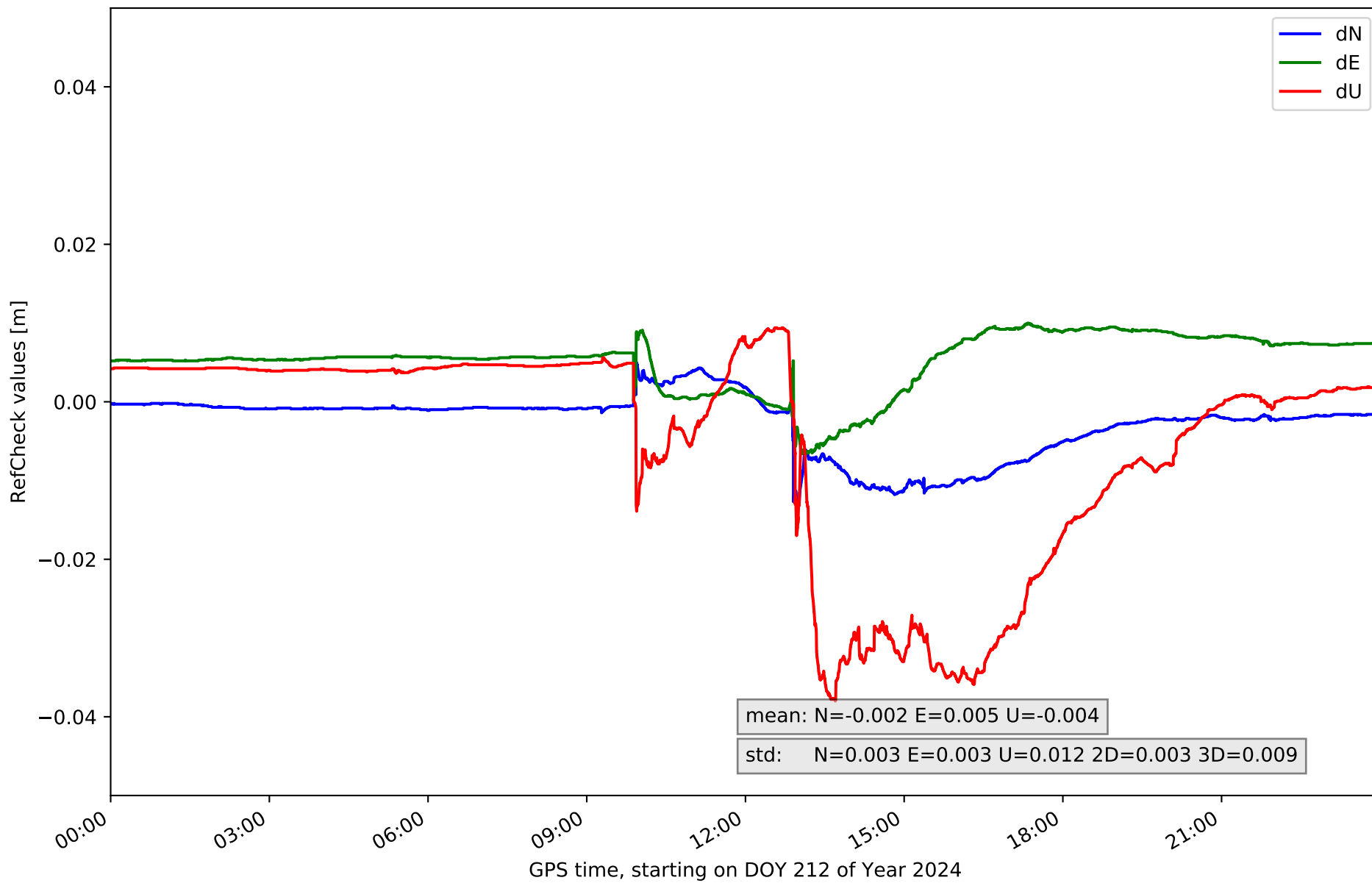
# RefCheck for station SIRO in network NET7



# RefCheck for station TRLV in network NET7

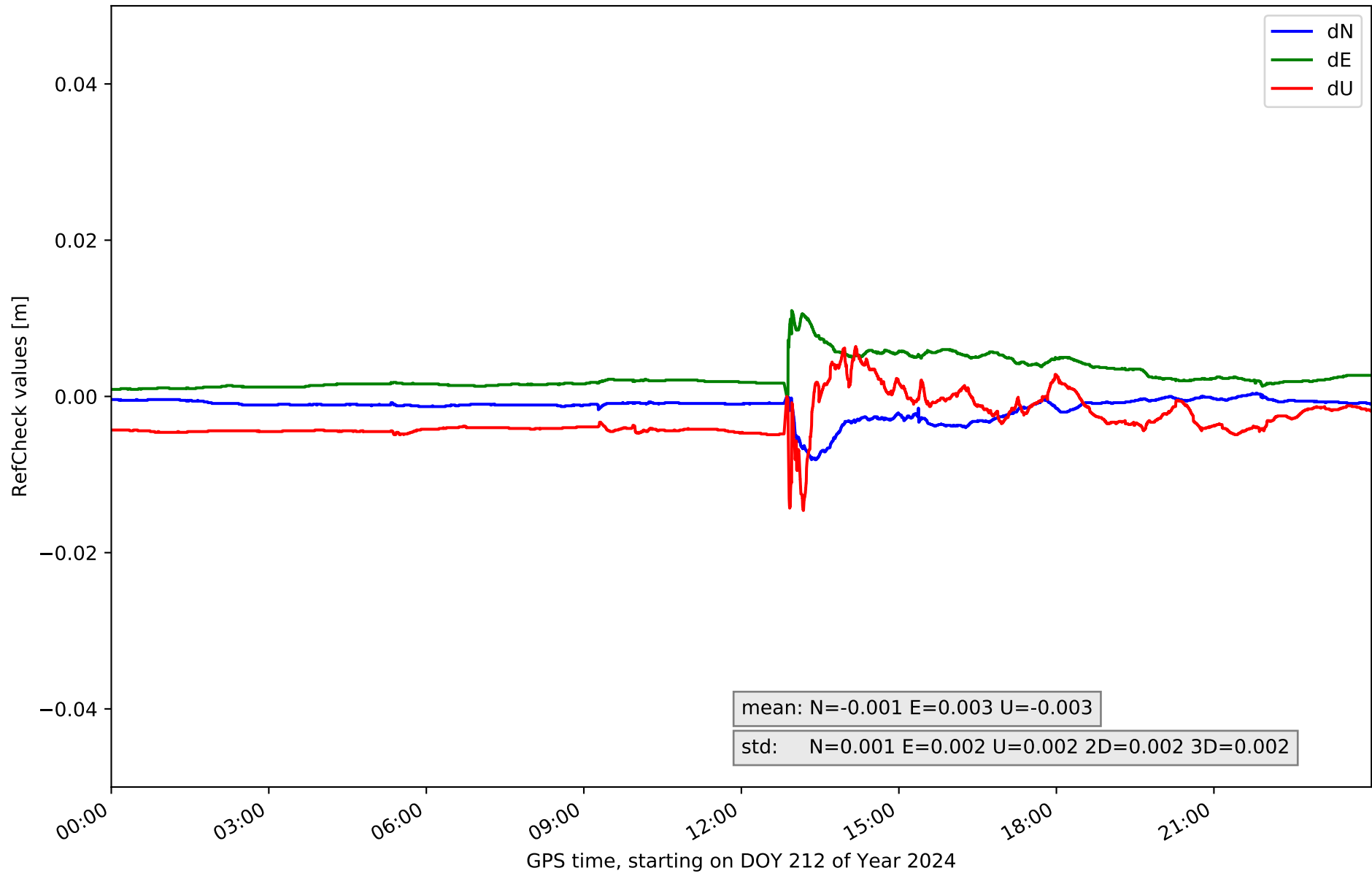


### RefCheck for station VBLO in network NET7

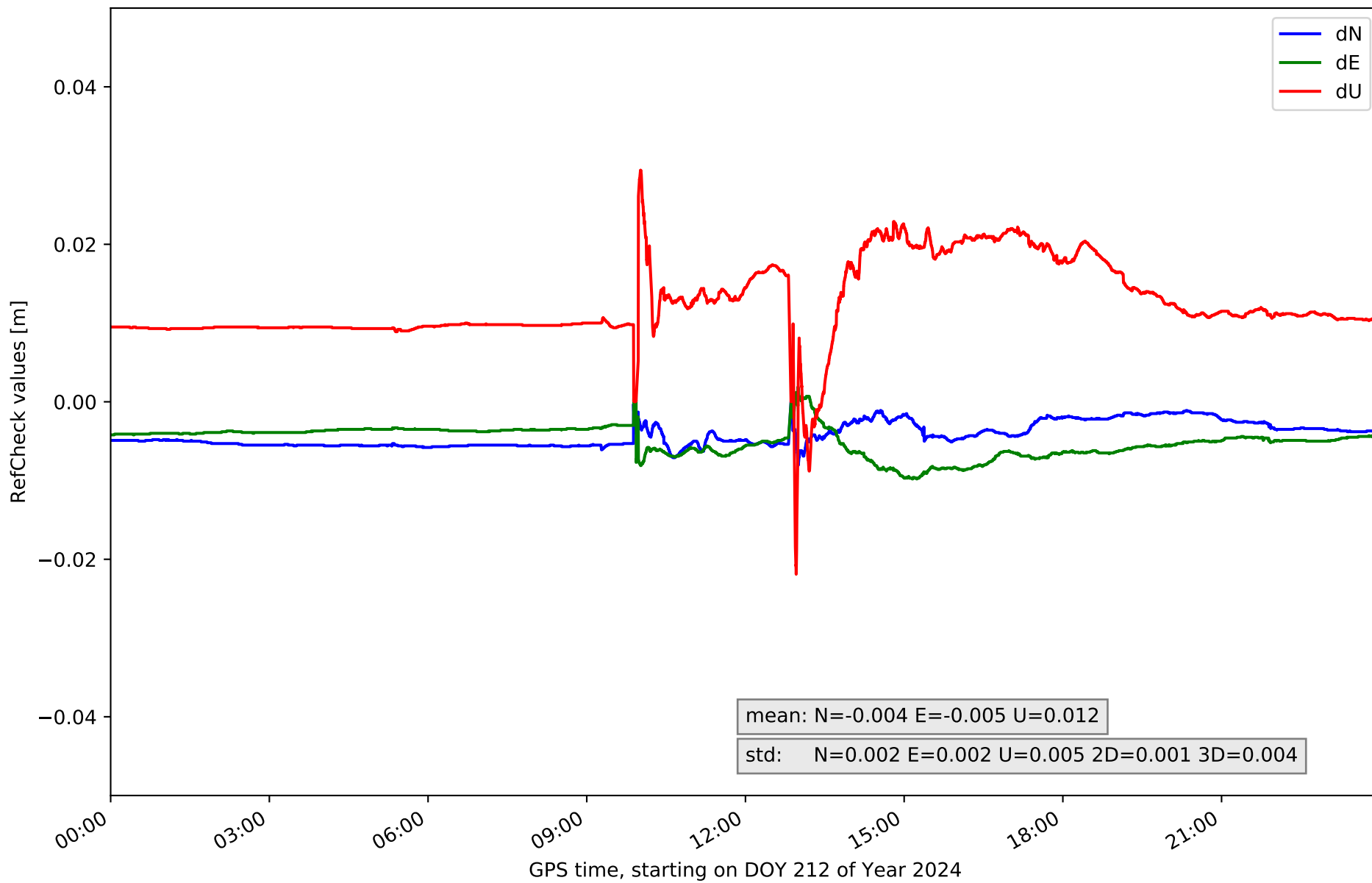




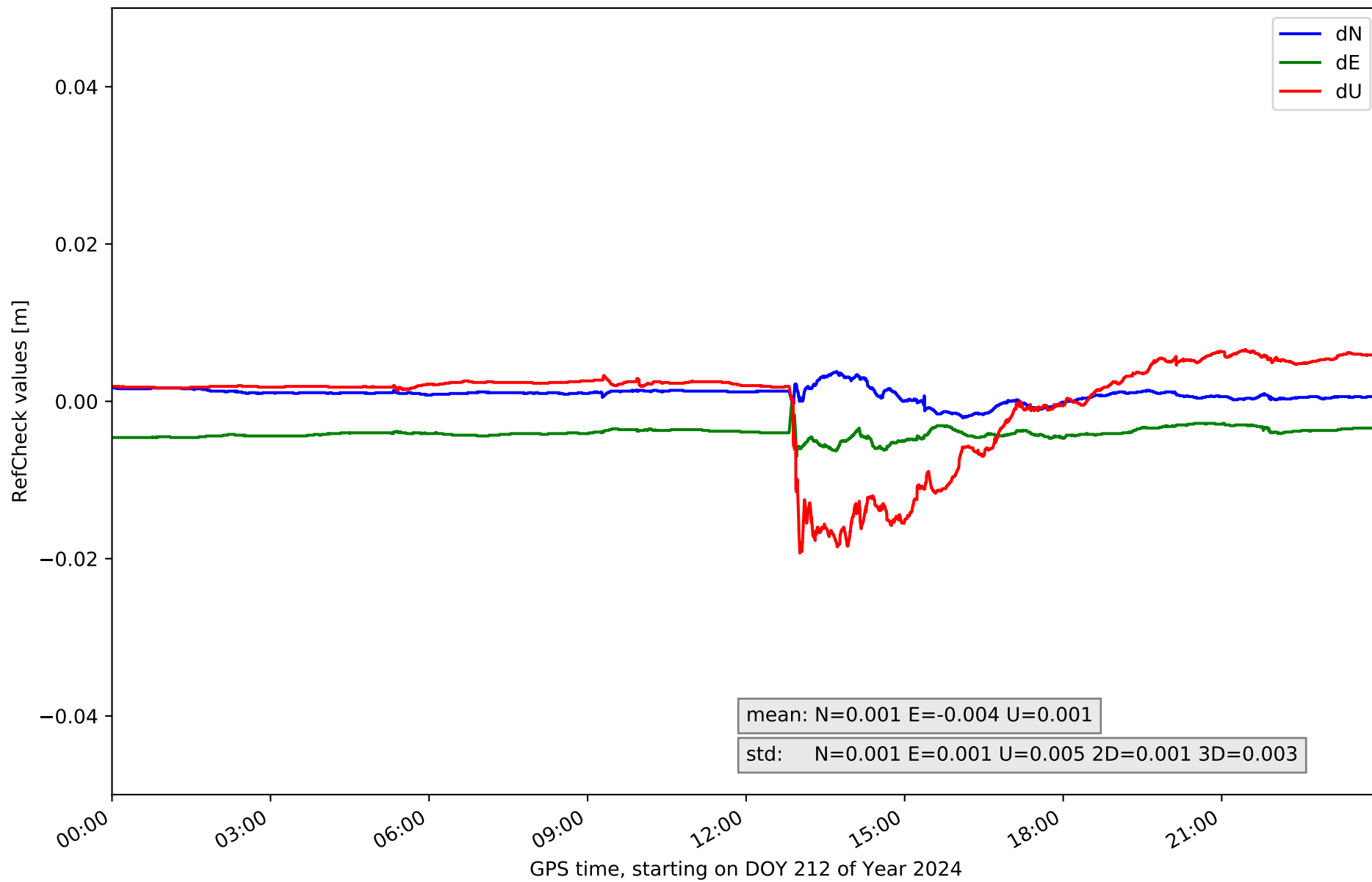
# RefCheck for station VCRD in network NET7



# RefCheck for station VDGO in network NET7



# RefCheck for station XIXO in network NET7



## RefCheck values for network NET7

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
AVL1	-0.01	0.0	0.001	-0.004	0.007	0.002	-0.025	0.0	0.003	0.001	0.002	370	0.9	4154	10.1
CANT	-0.006	0.008	0.001	-0.011	0.001	0.001	-0.022	0.011	0.004	0.001	0.001	34	0.1	126	0.3
CASO	-0.009	0.014	<b>0.004</b>	-0.01	0.003	0.002	-0.028	<b>0.047</b>	<b>0.014</b>	0.003	<b>0.009</b>	2864	7.0	<b>10506</b>	<b>25.6</b>
EMAZ	-0.007	0.0	0.001	-0.015	0.0	0.002	-0.027	0.012	0.007	0.002	0.003	7499	18.3	967	2.4
FUDE	<b>-0.015</b>	0.009	0.003	-0.002	0.01	0.002	-0.013	0.023	0.004	0.003	0.004	471	1.1	118	0.3
LARE	-0.004	0.003	0.002	<b>-0.018</b>	0.0	0.002	-0.003	0.038	0.008	0.002	0.004	<b>35955</b>	<b>87.8</b>	3364	8.2
LENA	-0.001	0.013	0.001	-0.006	0.012	<b>0.006</b>	-0.009	0.046	0.013	0.002	0.006	3060	7.5	4720	11.5
LEON	-0.006	0.002	0.002	-0.005	<b>0.025</b>	0.005	<b>-0.075</b>	0.016	0.01	<b>0.004</b>	<b>0.009</b>	1791	4.4	1654	4.0
MDPM	-0.012	0.001	0.002	-0.01	0.001	0.001	-0.018	0.021	0.004	0.002	0.004	939	2.3	814	2.0
RENS	-0.003	0.02	0.002	-0.014	0.006	0.003	-0.019	0.038	0.008	0.002	0.005	2217	5.4	1457	3.6
RIAN	-0.003	0.01	0.001	-0.015	0.0	0.001	-0.017	0.012	0.005	0.001	0.003	557	1.4	21	0.1
RIBE	-0.004	0.007	0.001	-0.0	0.015	0.004	-0.038	0.006	0.008	<b>0.004</b>	0.008	6750	16.5	3702	9.0
RNAN	-0.001	0.007	0.002	-0.007	0.003	0.001	-0.03	0.004	0.003	0.001	0.002	0	0.0	1108	2.7
SALD	-0.003	0.002	0.001	-0.002	0.005	0.001	0.0	0.038	0.006	0.001	0.006	0	0.0	2080	5.1
SALS	-0.011	0.003	0.002	0.0	0.014	0.001	-0.012	0.042	0.006	0.001	0.003	2001	4.9	756	1.8
SIRO	-0.01	<b>0.029</b>	<b>0.004</b>	-0.011	0.006	0.002	-0.037	0.022	0.004	<b>0.004</b>	0.004	5981	14.6	1147	2.8
TRLV	0.0	0.005	0.001	-0.007	0.001	0.001	-0.018	0.009	0.007	0.001	0.004	0	0.0	2	0.0
VBLO	-0.014	0.005	0.003	-0.007	0.01	0.003	-0.038	0.009	0.012	0.003	<b>0.009</b>	7031	17.2	6230	15.2
VCRD	-0.008	0.0	0.001	0.0	0.011	0.002	-0.015	0.006	0.002	0.002	0.002	977	2.4	0	0.0
VDGO	-0.008	0.0	0.002	-0.01	0.004	0.002	-0.022	0.029	0.005	0.001	0.004	314	0.8	5662	13.8
XIXO	-0.002	0.004	0.001	-0.007	0.0	0.001	-0.019	0.007	0.005	0.001	0.003	0	0.0	12	0.0
<b>Mean</b>	<b>-0.007</b>	<b>0.007</b>	<b>0.002</b>	<b>-0.008</b>	<b>0.006</b>	<b>0.002</b>	<b>-0.023</b>	<b>0.021</b>	<b>0.007</b>	<b>0.002</b>	<b>0.005</b>	<b>3752.9</b>	<b>9.2</b>	<b>2314.3</b>	<b>5.6</b>
<b>Min/Max</b>	<b>-0.015</b>	<b>0.029</b>	<b>0.004</b>	<b>-0.018</b>	<b>0.025</b>	<b>0.006</b>	<b>-0.075</b>	<b>0.047</b>	<b>0.014</b>	<b>0.004</b>	<b>0.009</b>	<b>35955</b>	<b>87.8</b>	<b>10506</b>	<b>25.6</b>

fixing statistic for network NET7

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	92.6	93.3	93.0	93.7	90.4
considering satellites with dual-frequency fixed	89.3	89.9	89.0	90.9	87.5
considering all signals separately	89.3	89.7	89.0	91.0	86.9