

## summary for network NET9

timeperiod chosen: from 2024-07-09-00:00:00 until 2024-07-09-23:59:59

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

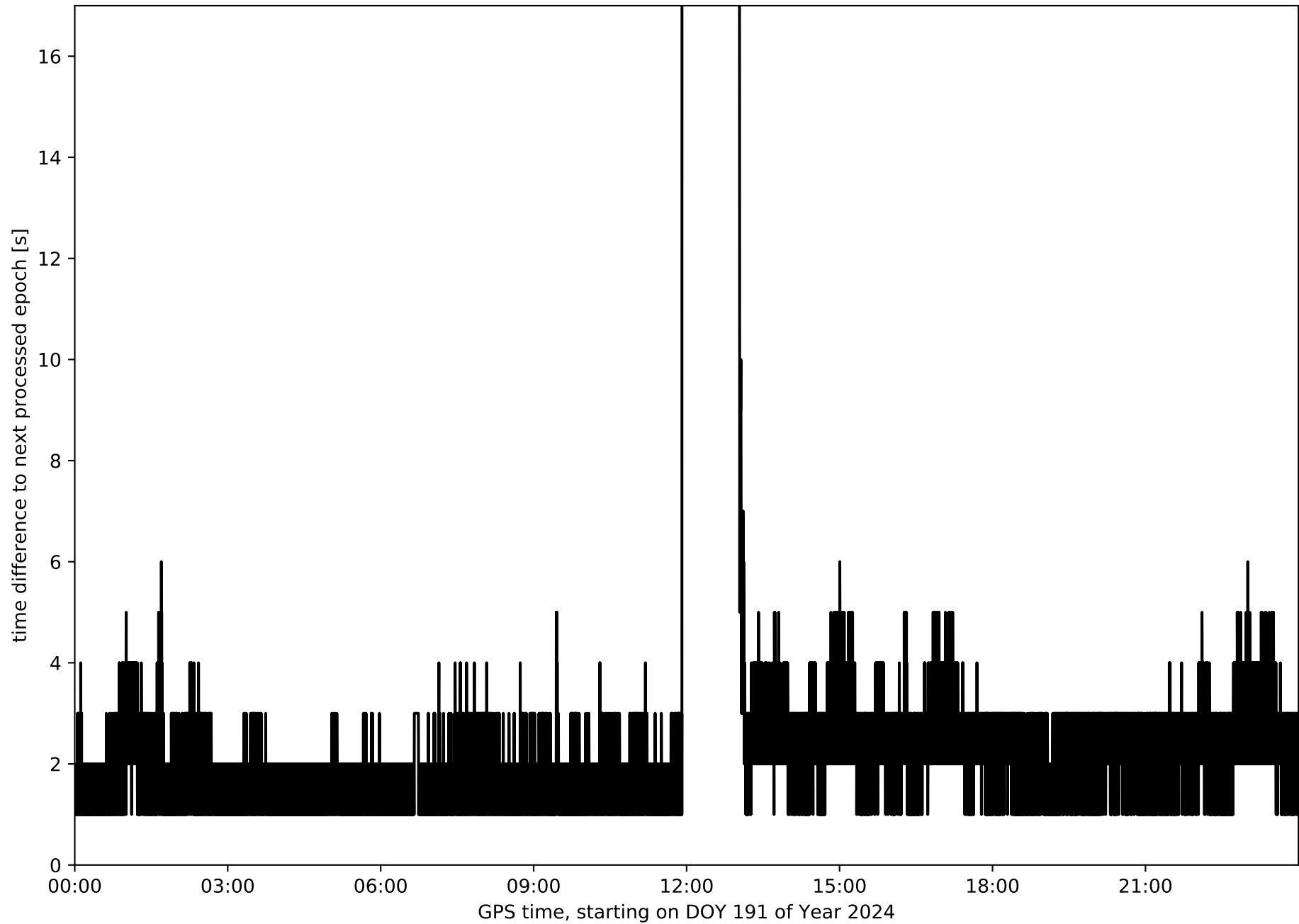
average fixing percentage with threshold set to 0.3: 92.1 percent

stations available: 17 of 17

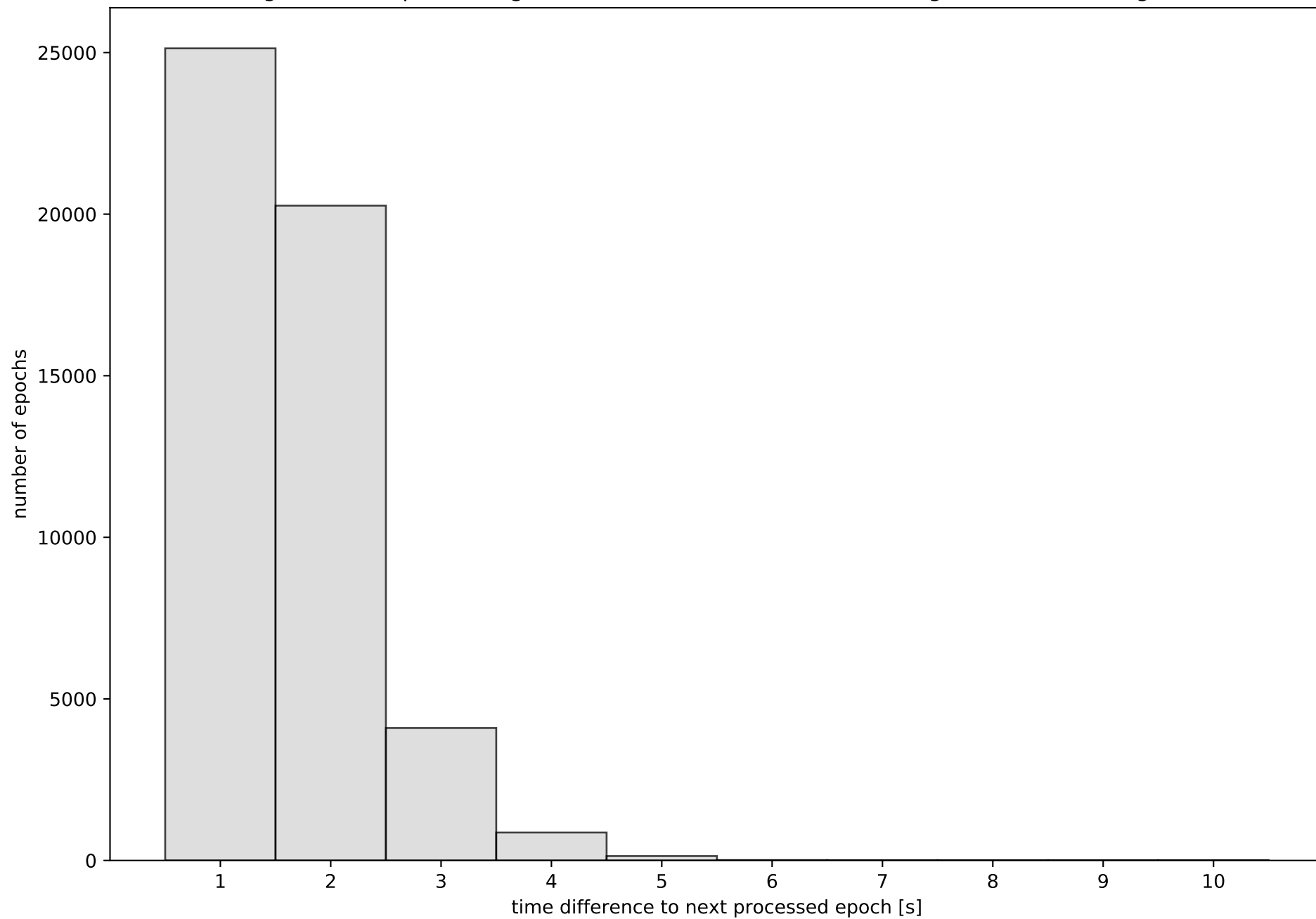
station information:

station ARIB:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 1037.401
station BINE:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 346.97
station BLGU:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1649.267
station BRJA:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 493.665
station CARC:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 420.371
station CSOS:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 957.891
station EJEA:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 384.595
station FRAG:	antenna: LEIAR25.R4 LEIT	receiver: LEICA GR10	height: 181.849
station JACA:	antenna: LEIAR25.R3 LEIT	receiver: LEICA GR10	height: 738.987
station OSCA:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 546.703
station RONL:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 760.433
station SABI:	antenna: GPPNULLANTENNA NONE	receiver: TPS NET-G3A	height: 850.454
station SANS:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 459.179
station SRNA:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 355.166
station TUD1:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 340.794
station ZARA:	antenna: TRM29659.00 NONE	receiver: TRIMBLE NETR9	height: 299.353
station ZUER:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 339.228

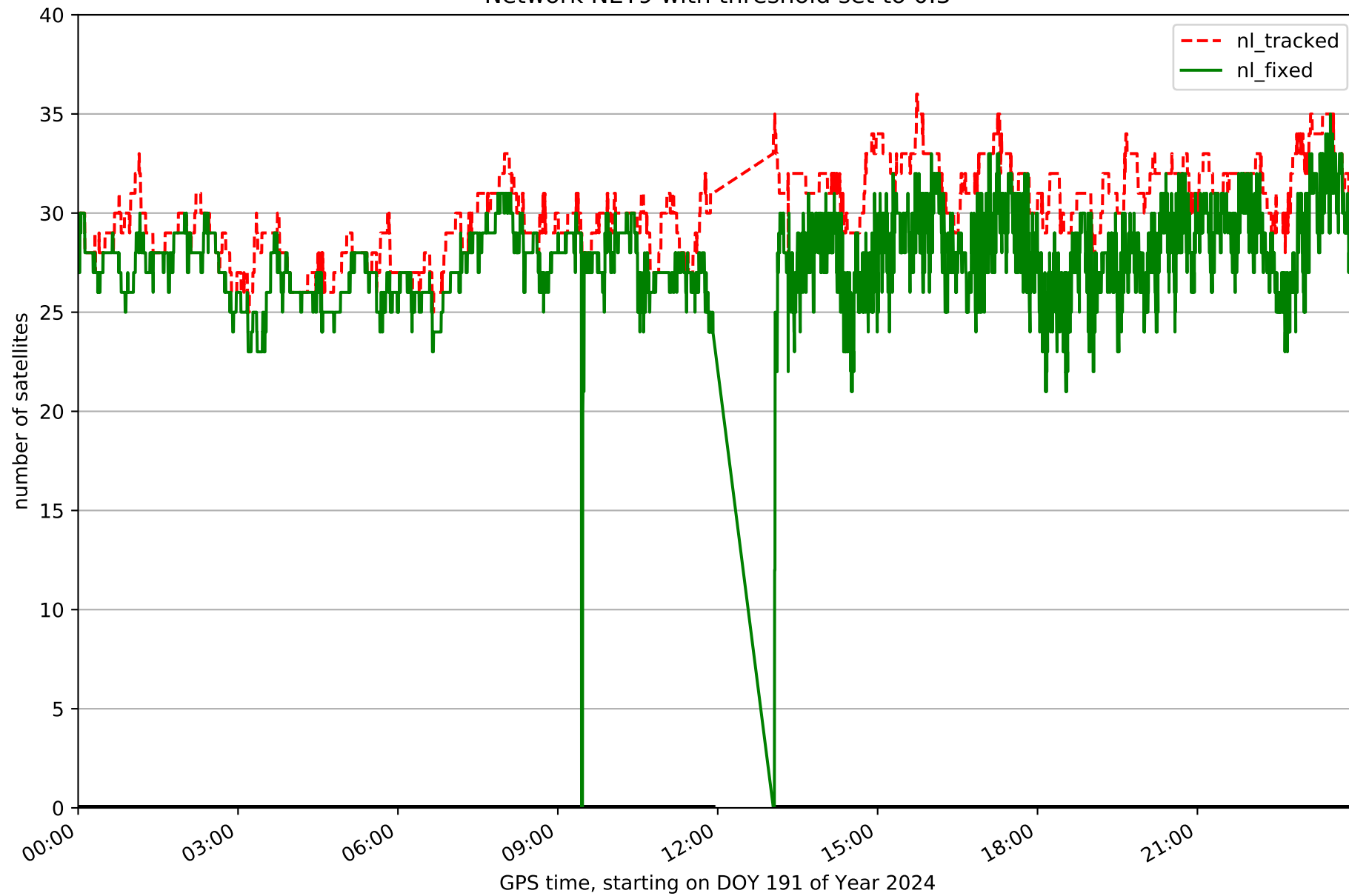
Processing rate in network NET9



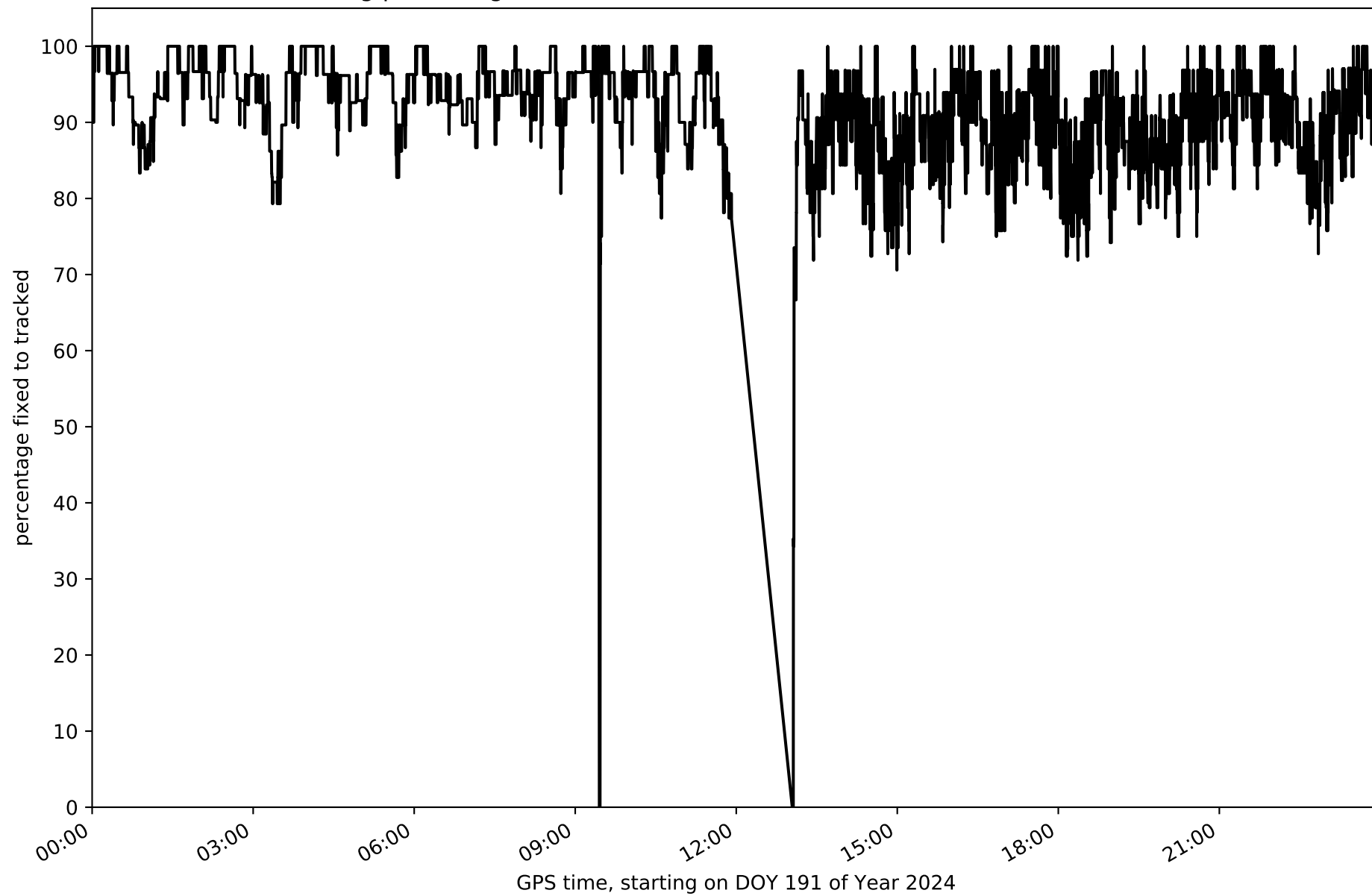
Histogram of the processing rate in network NET9 (durations larger 15 seconds neglected)



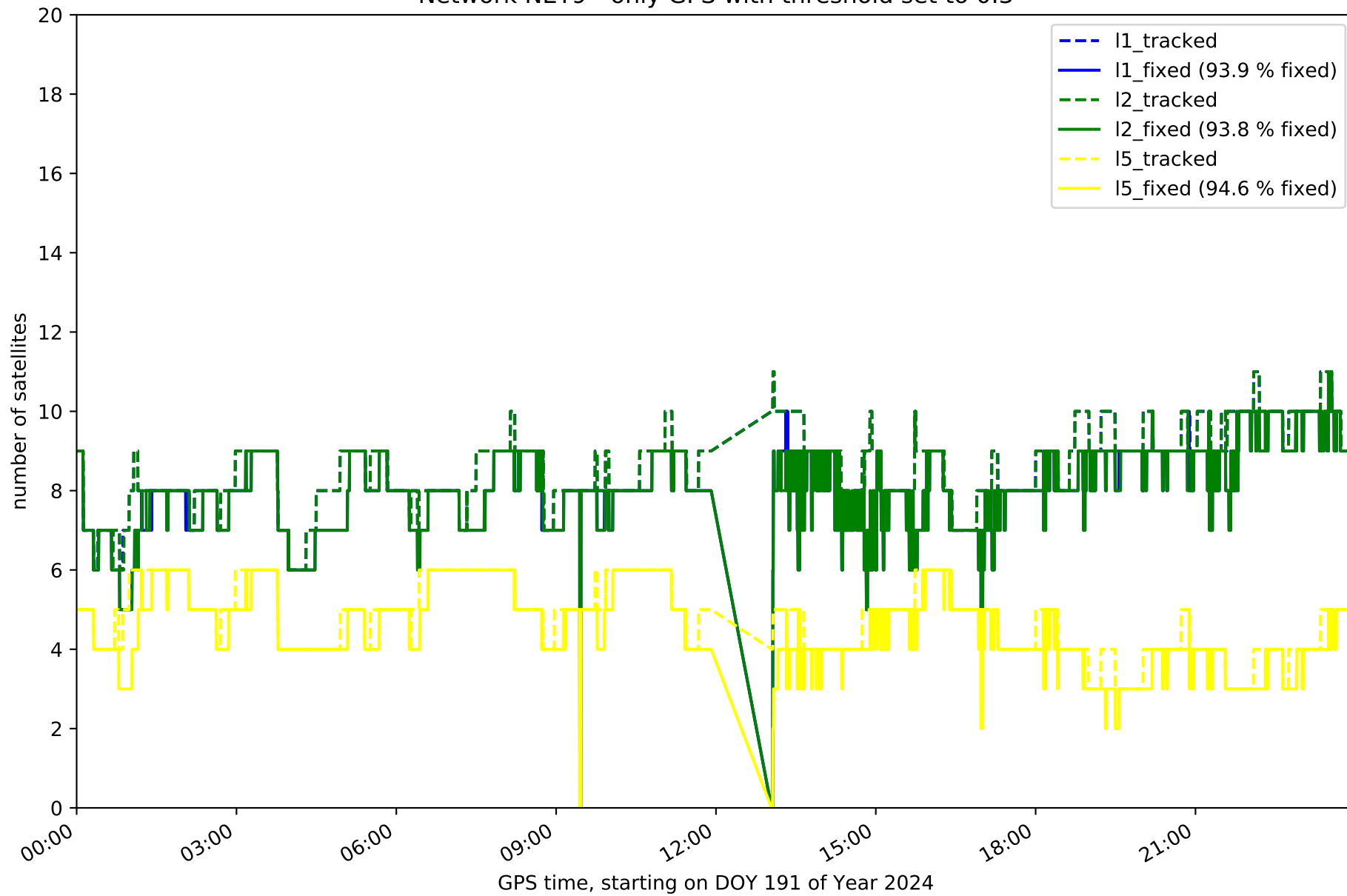
Network NET9 with threshold set to 0.3



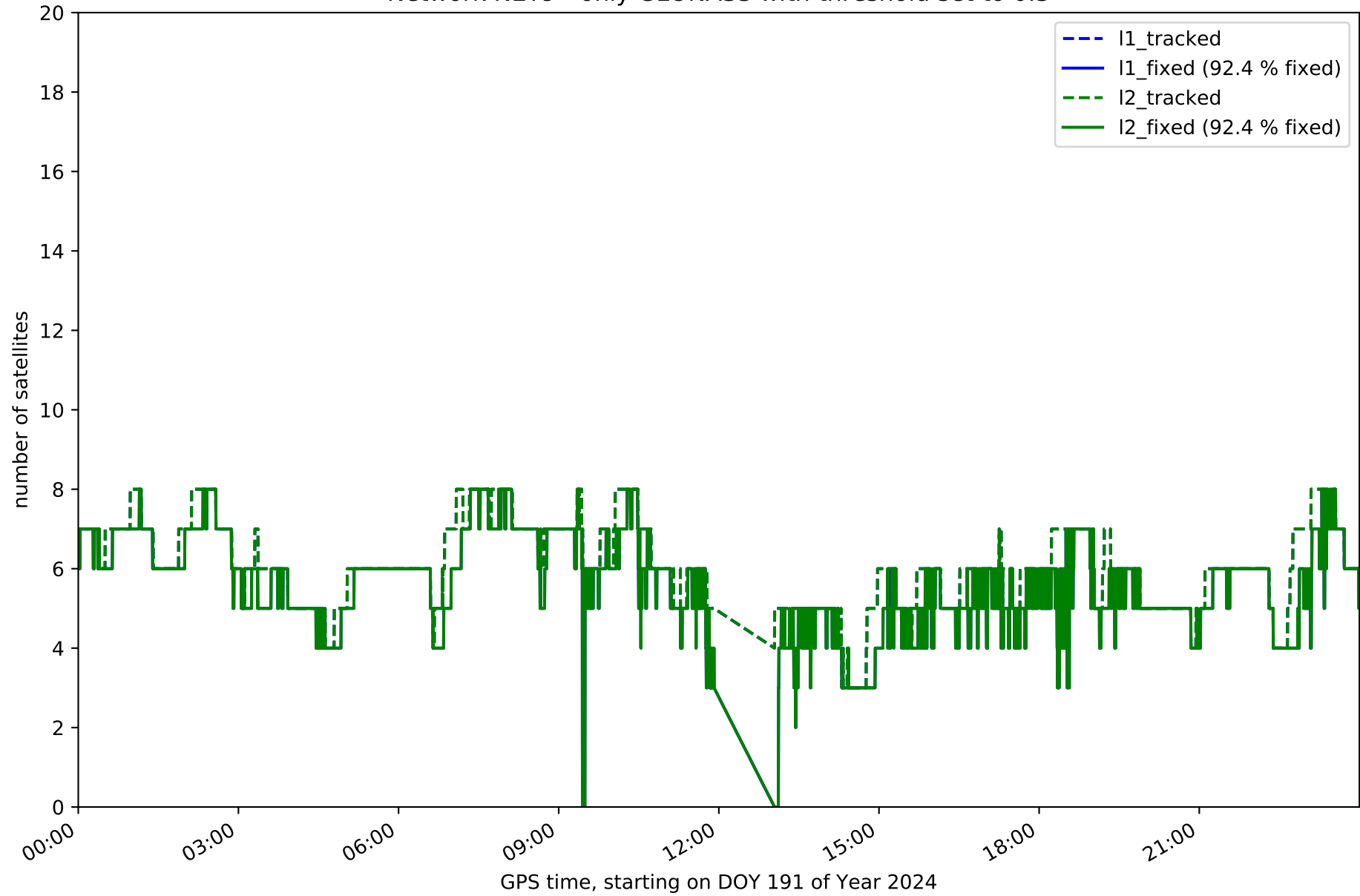
Fixing percentage of satellites in network NET9 with threshold set to 0.3



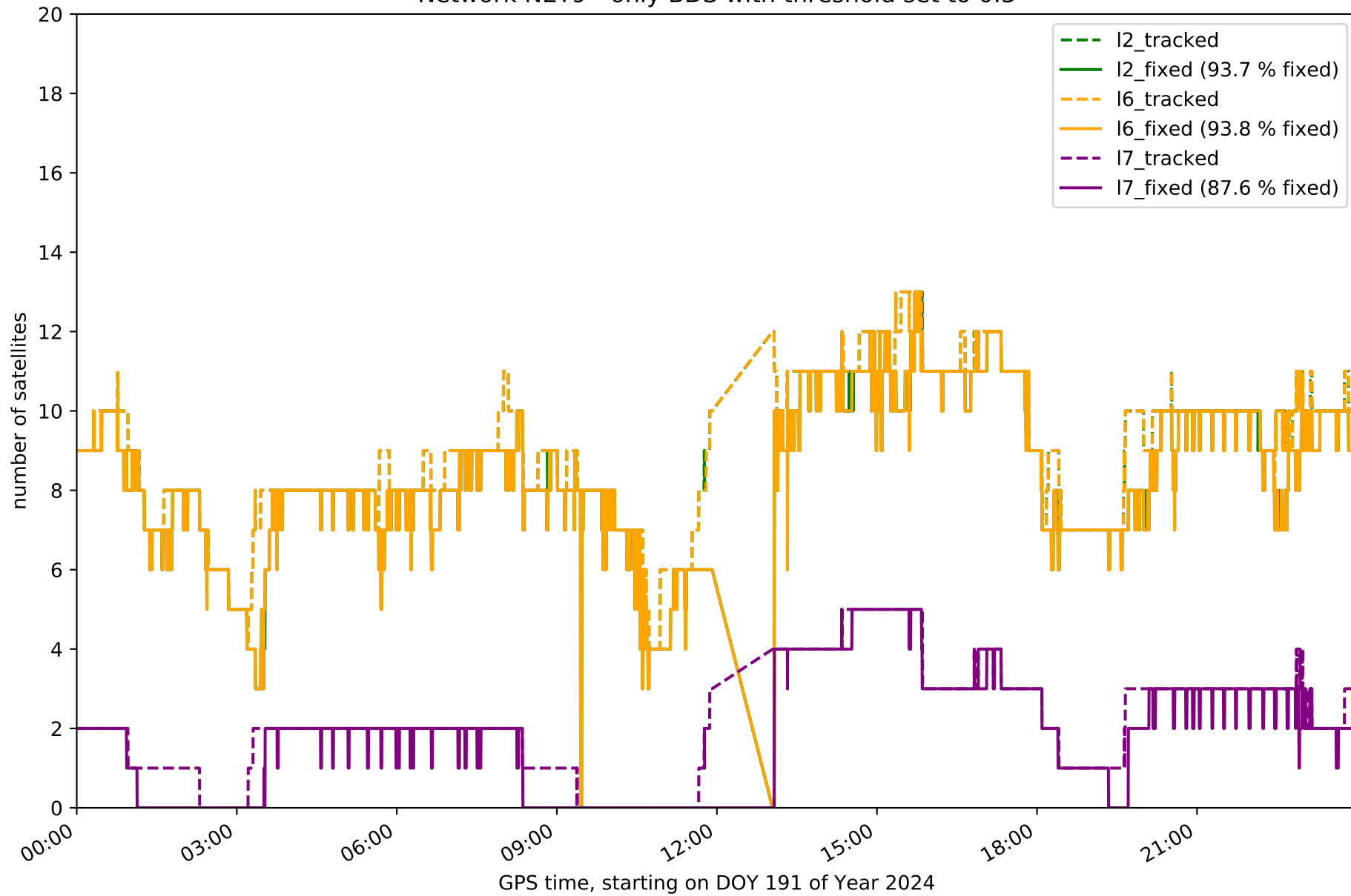
Network NET9 - only GPS with threshold set to 0.3



Network NET9 - only GLONASS with threshold set to 0.3

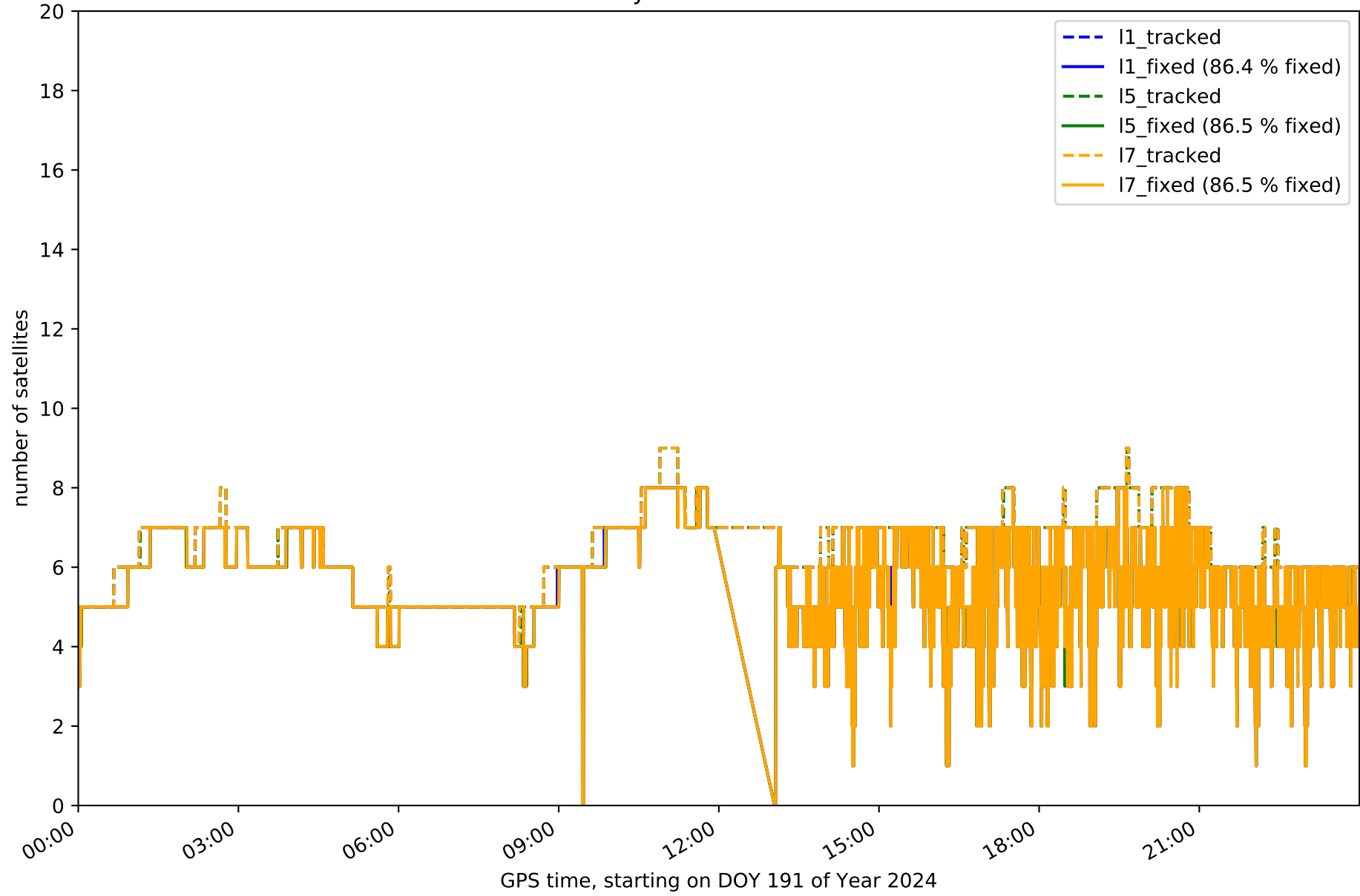


Network NET9 - only BDS with threshold set to 0.3

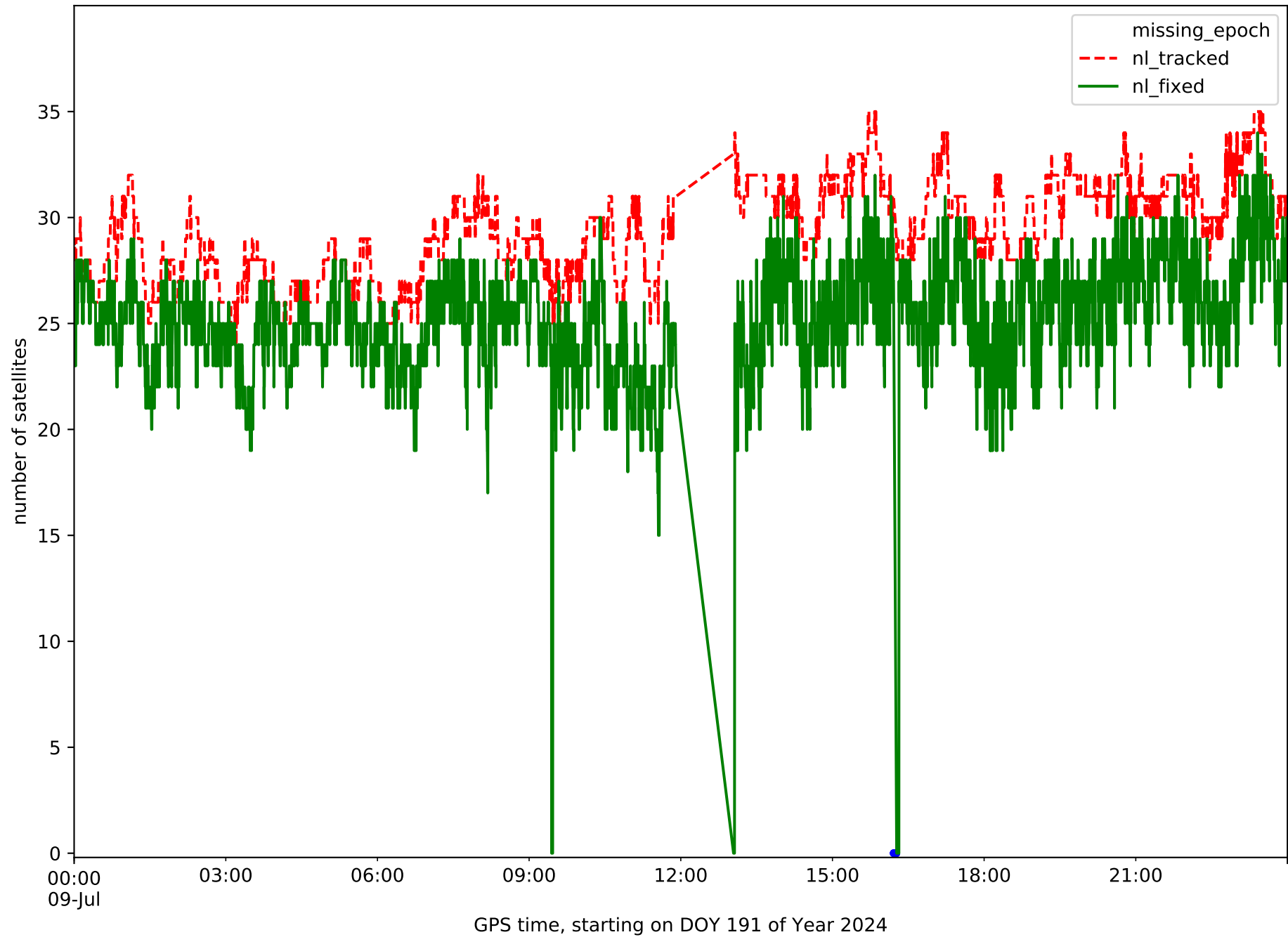




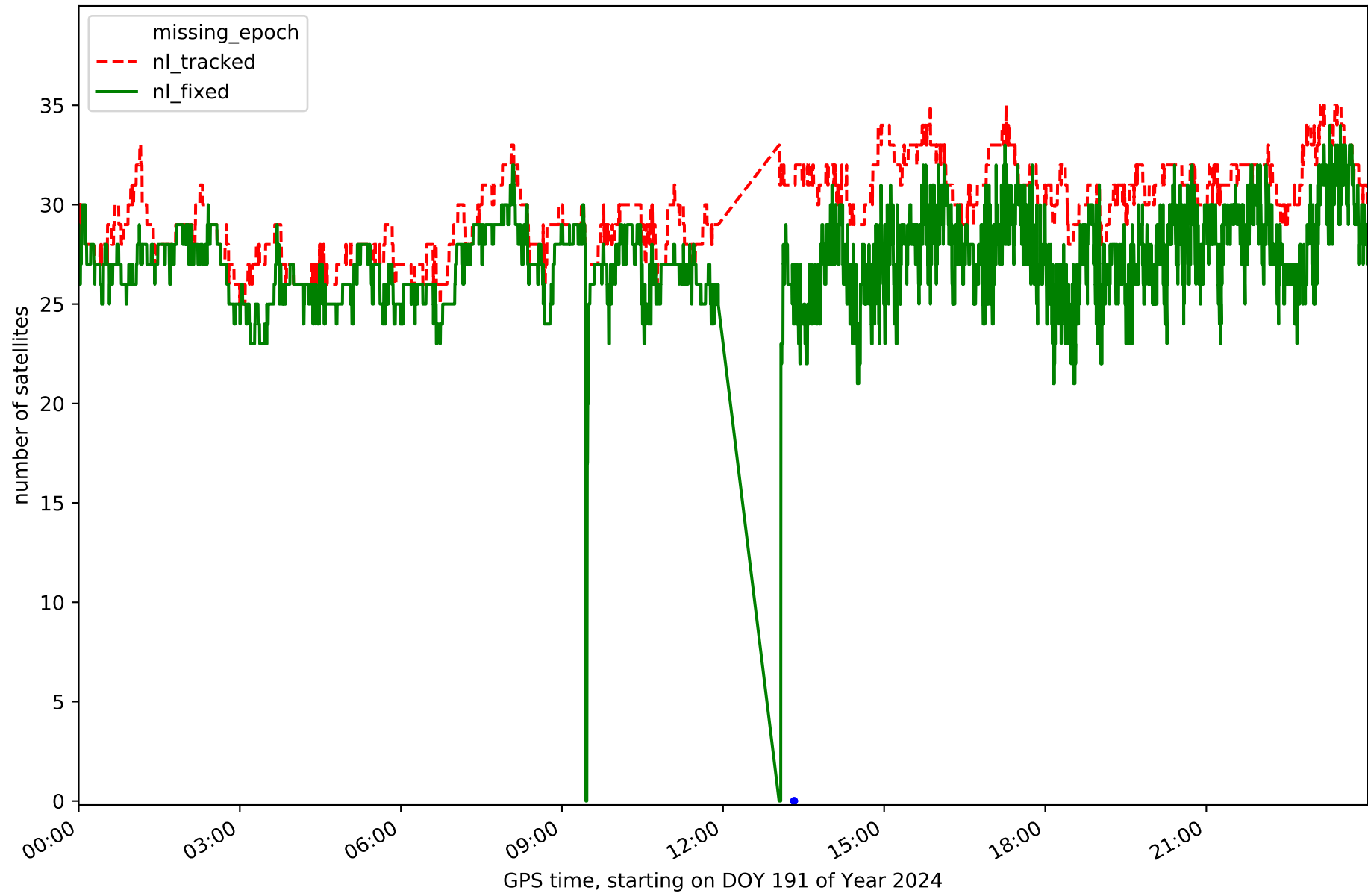
Network NET9 - only Galileo with threshold set to 0.3



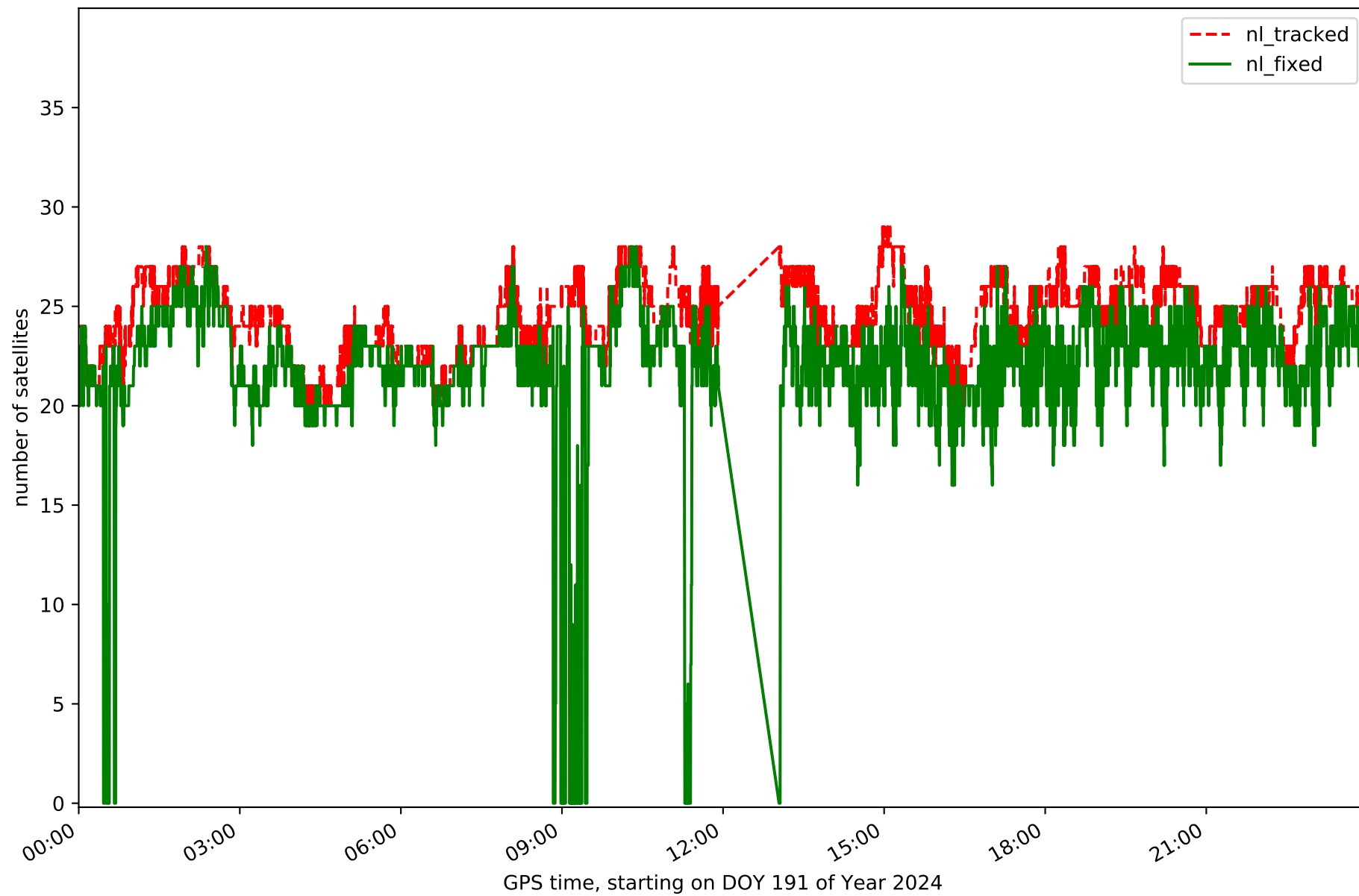
Station ARIB in network NET9



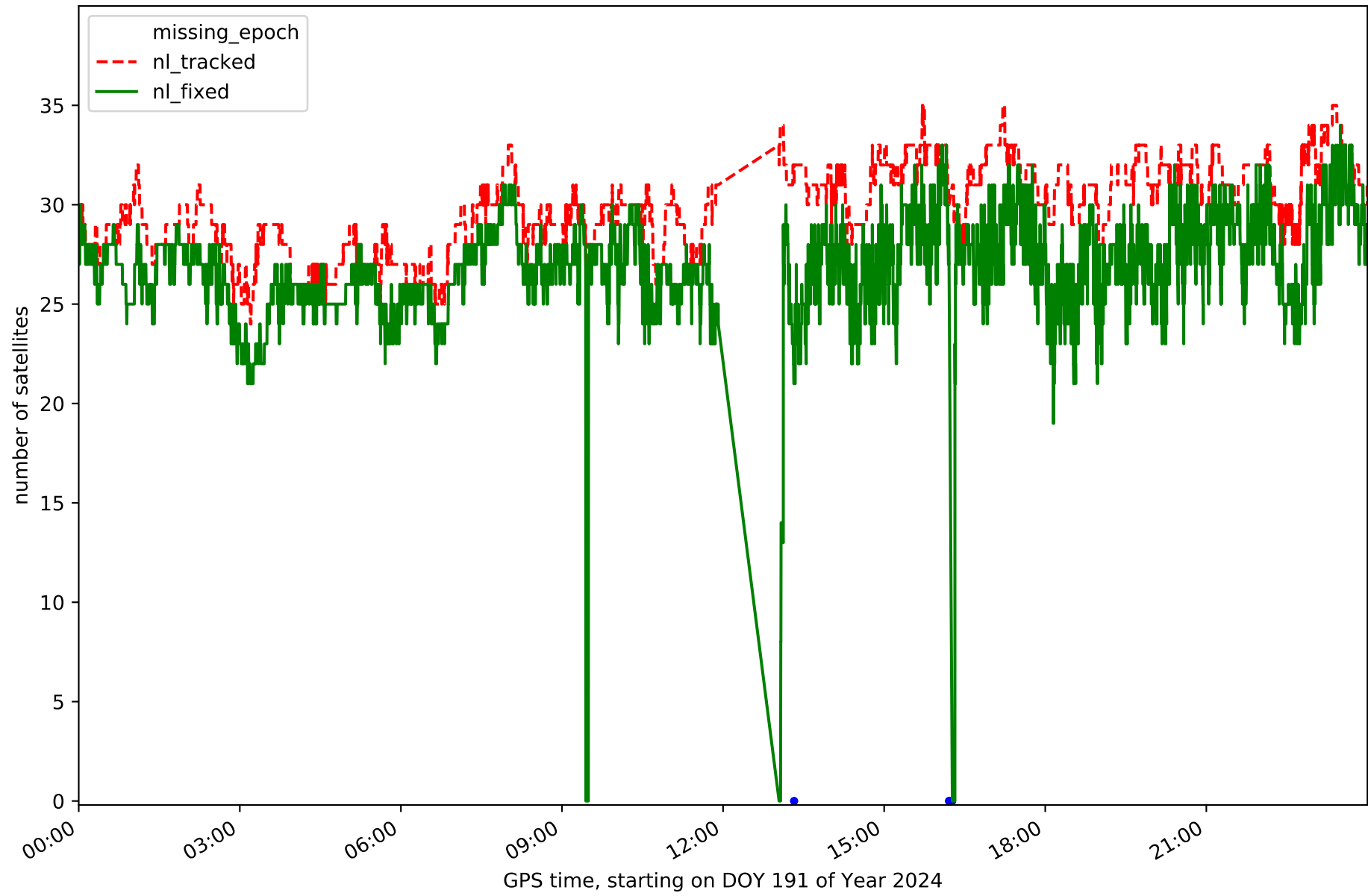
Station BINE in network NET9



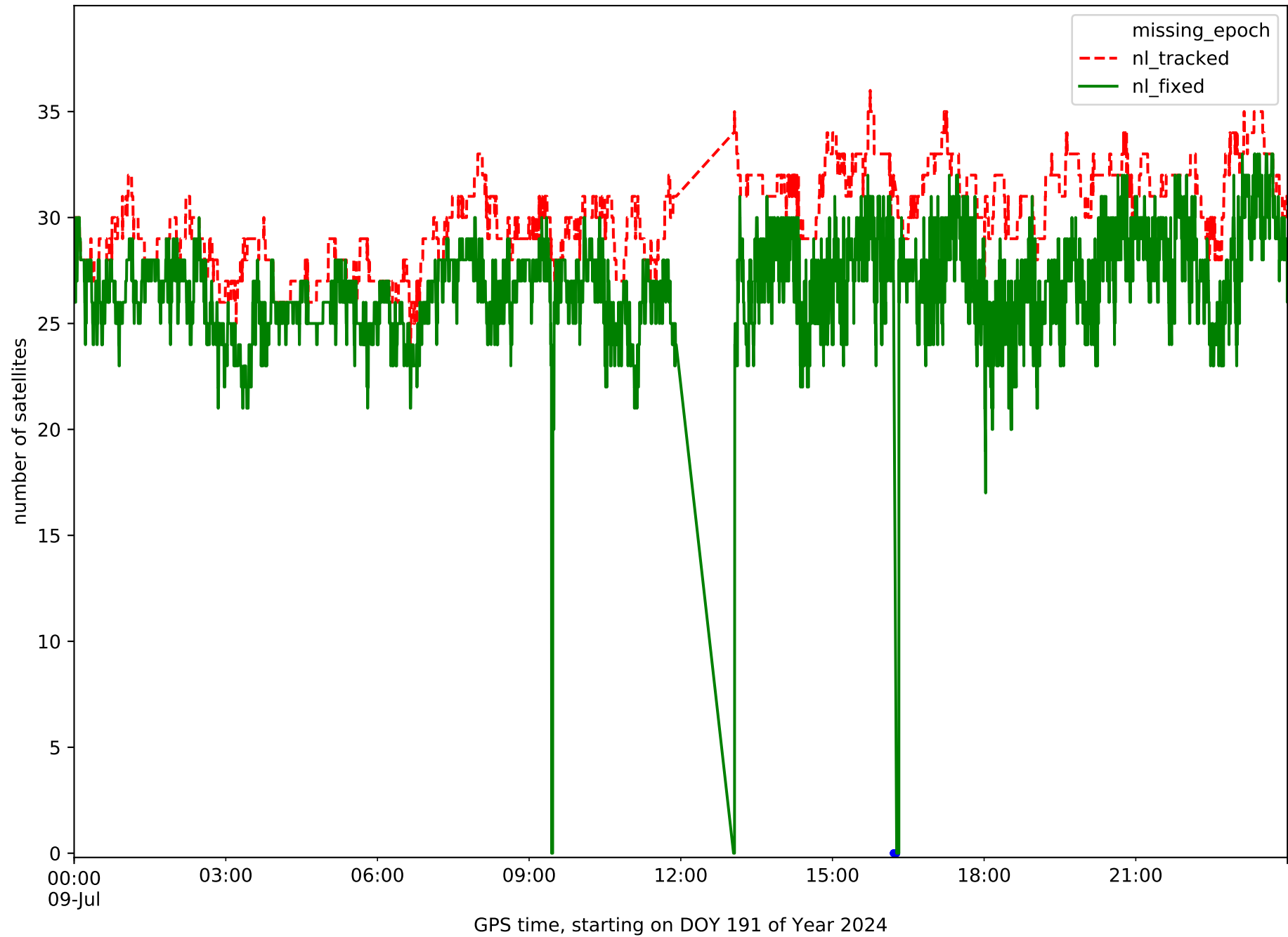
Station BLGU in network NET9



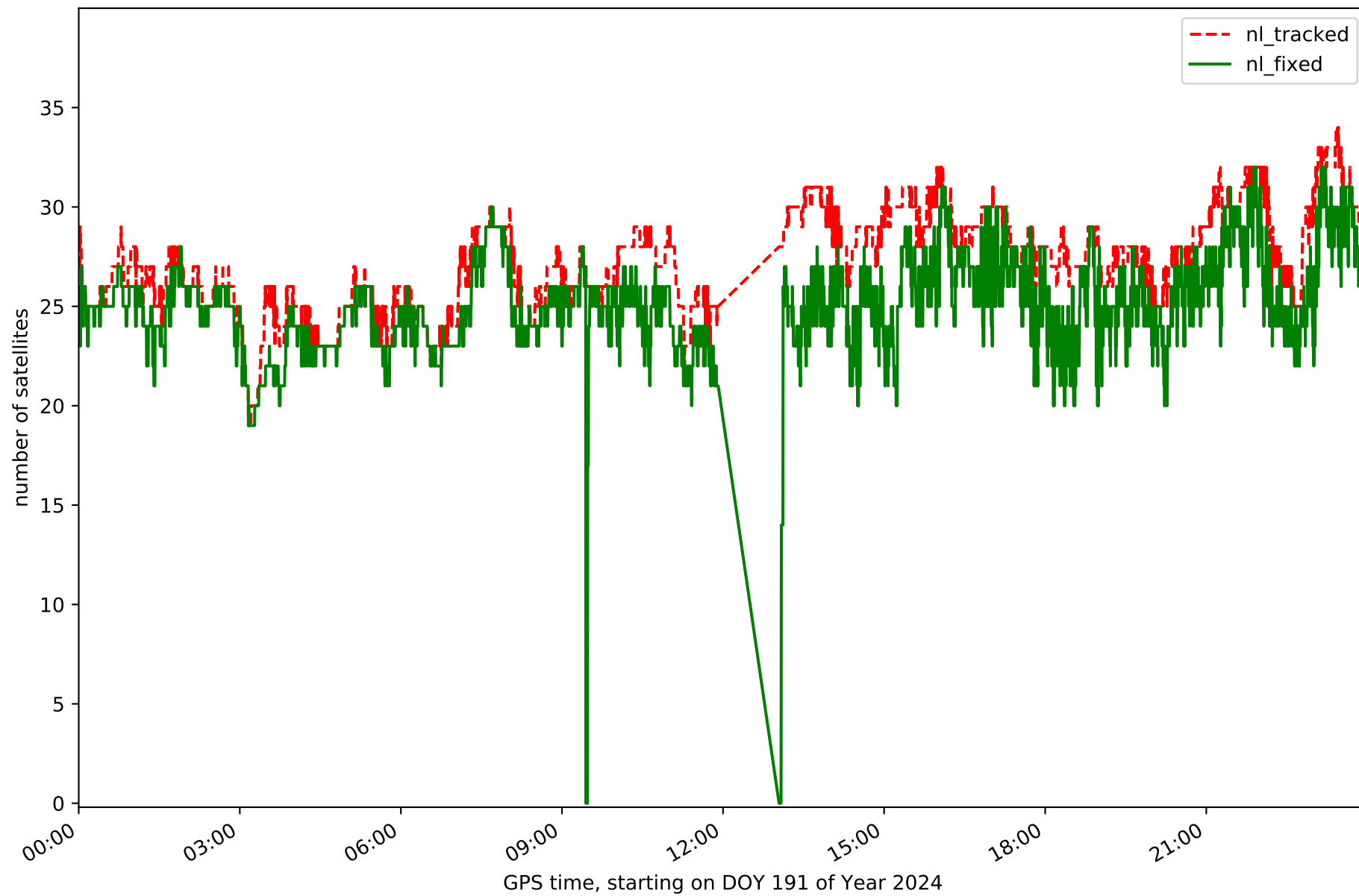
Station BRJA in network NET9



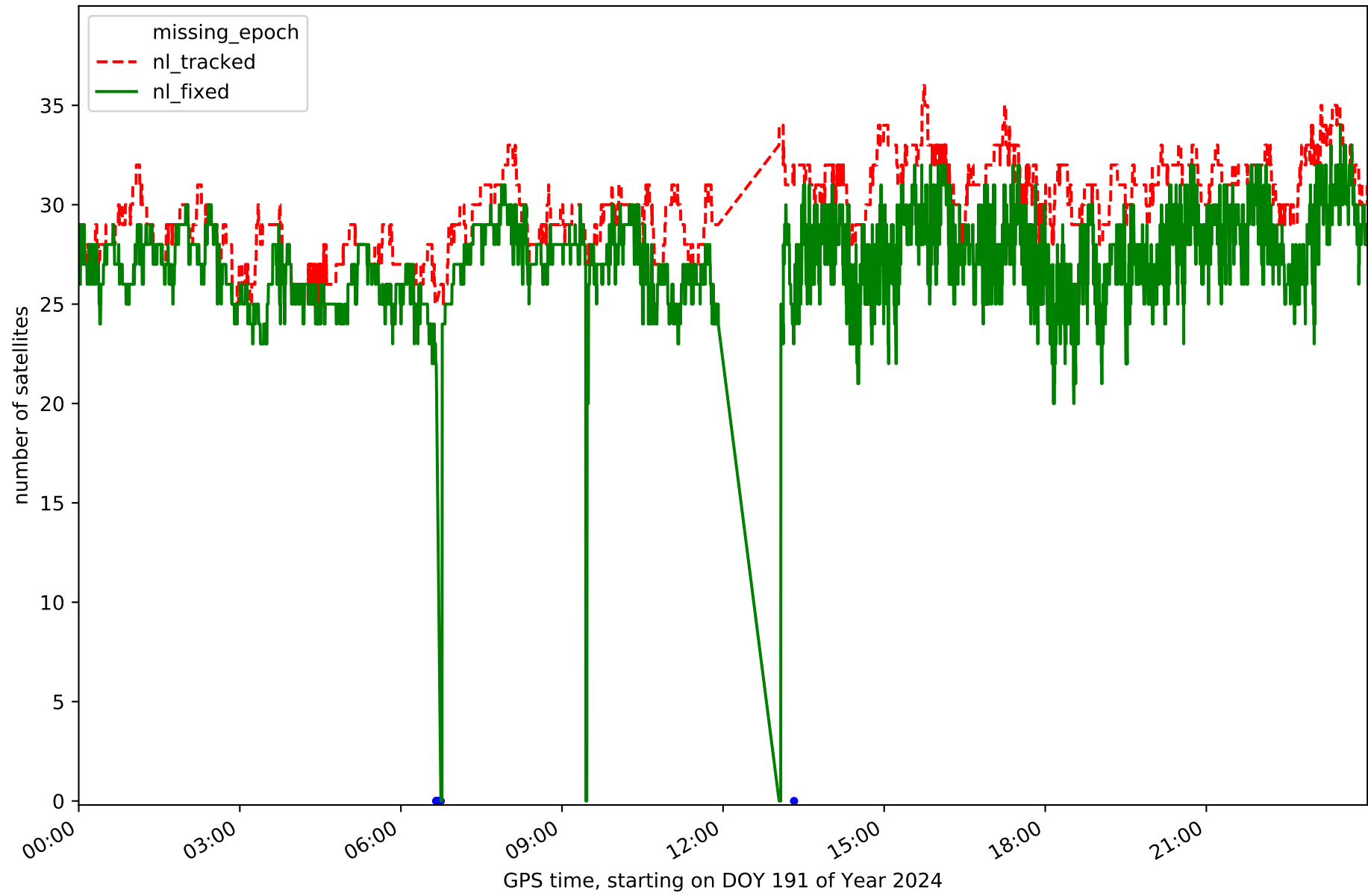
Station CARC in network NET9



Station CSOS in network NET9

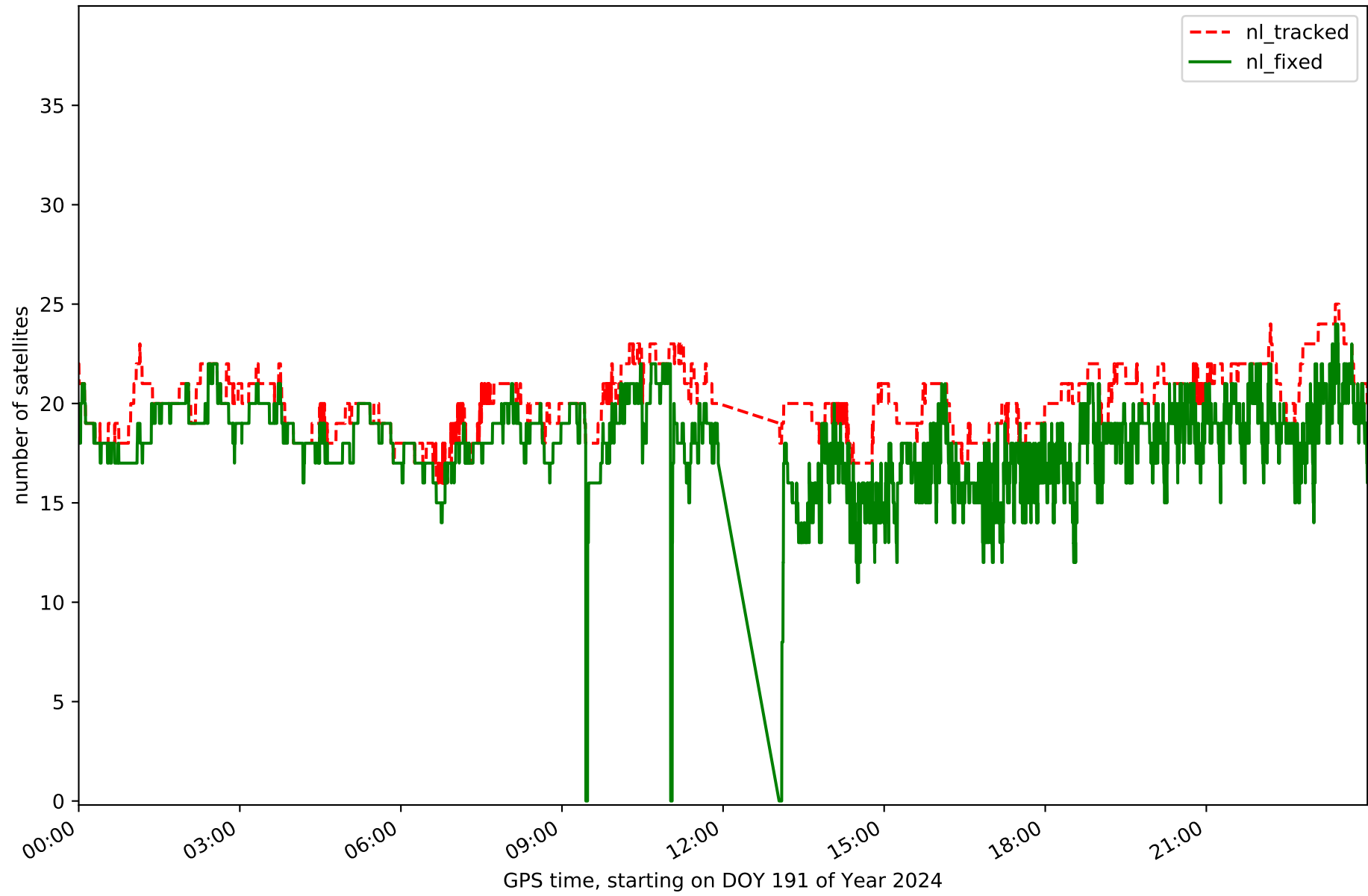


Station EJEA in network NET9

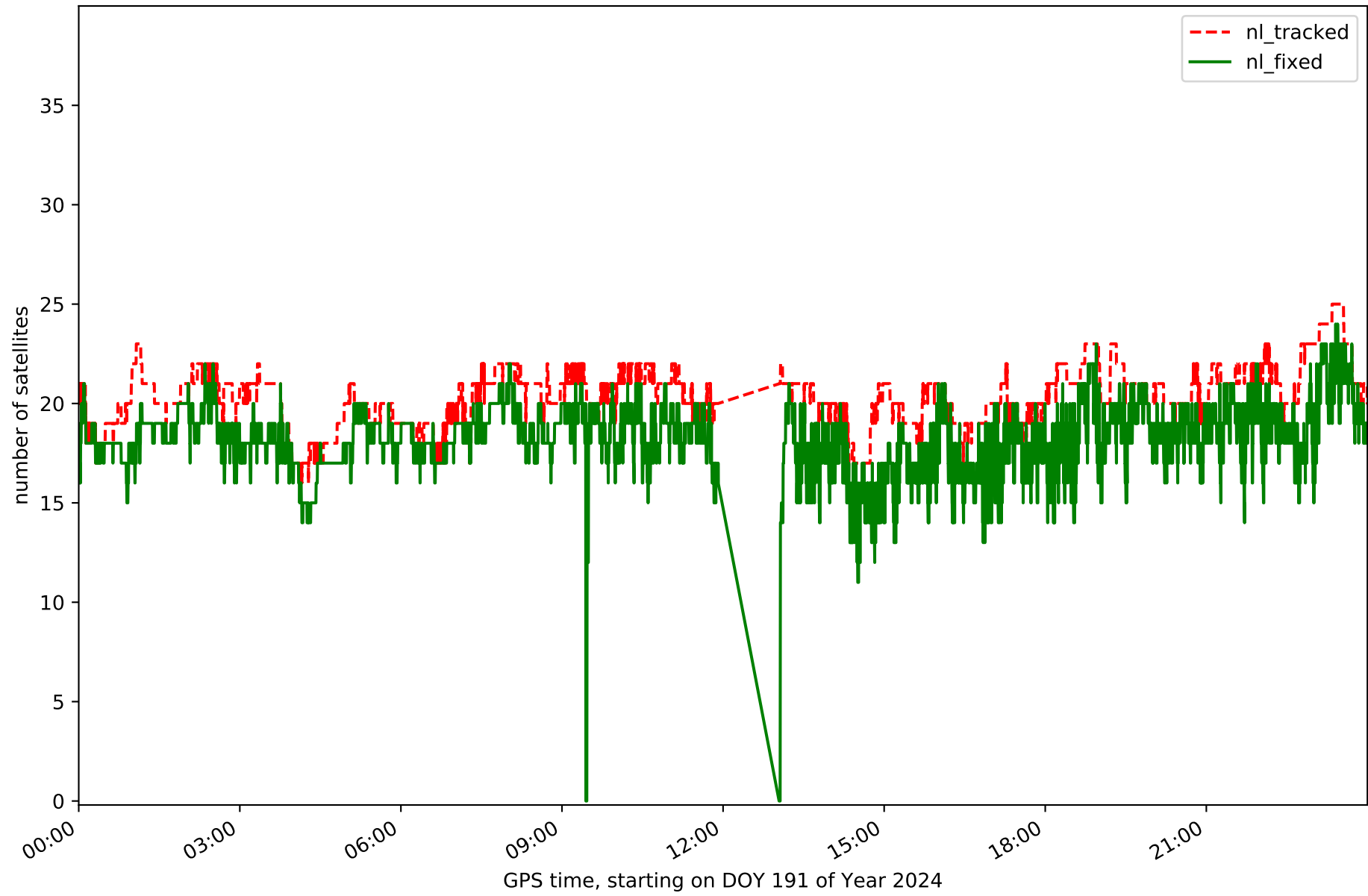




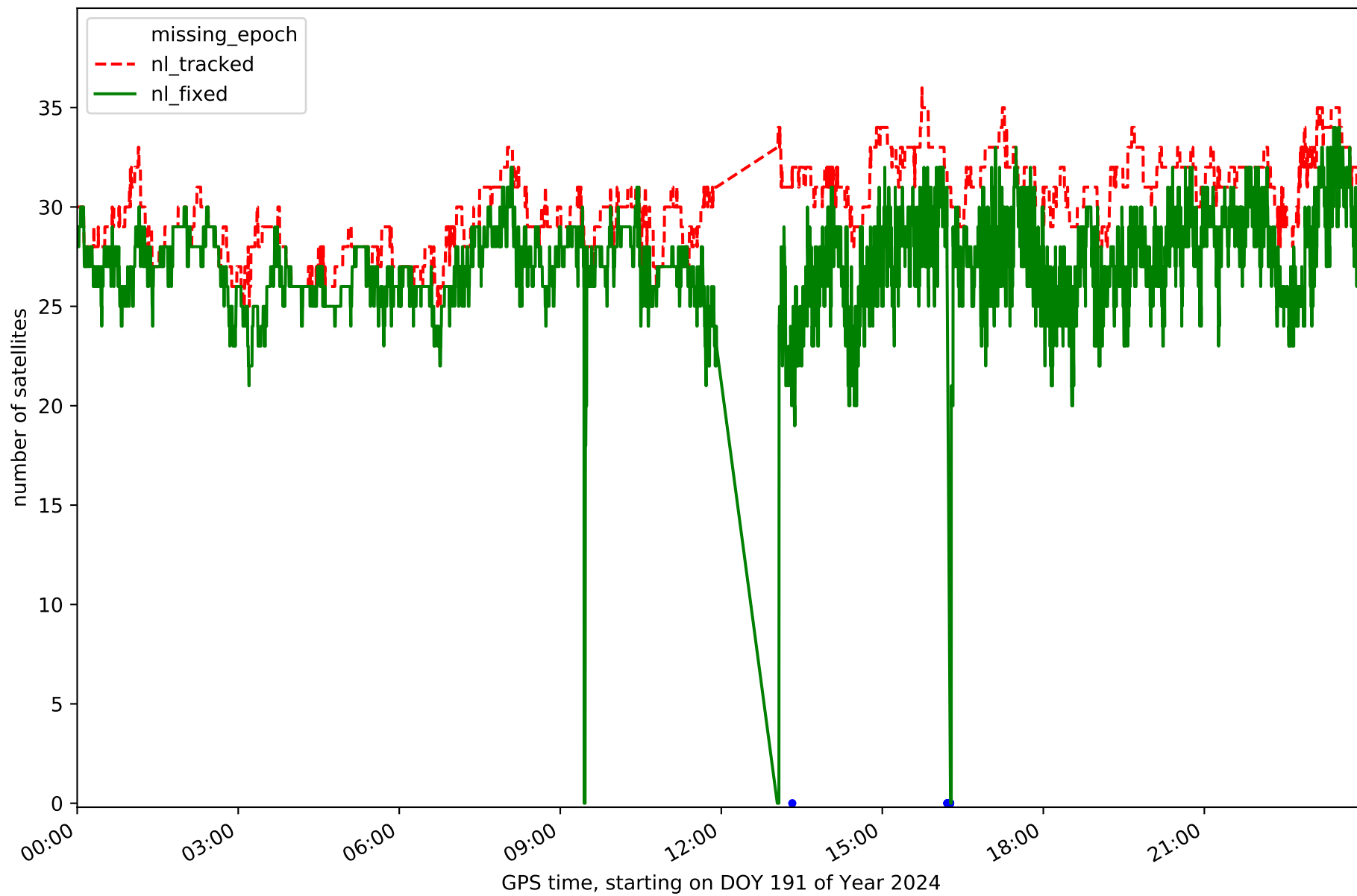
Station FRAG in network NET9



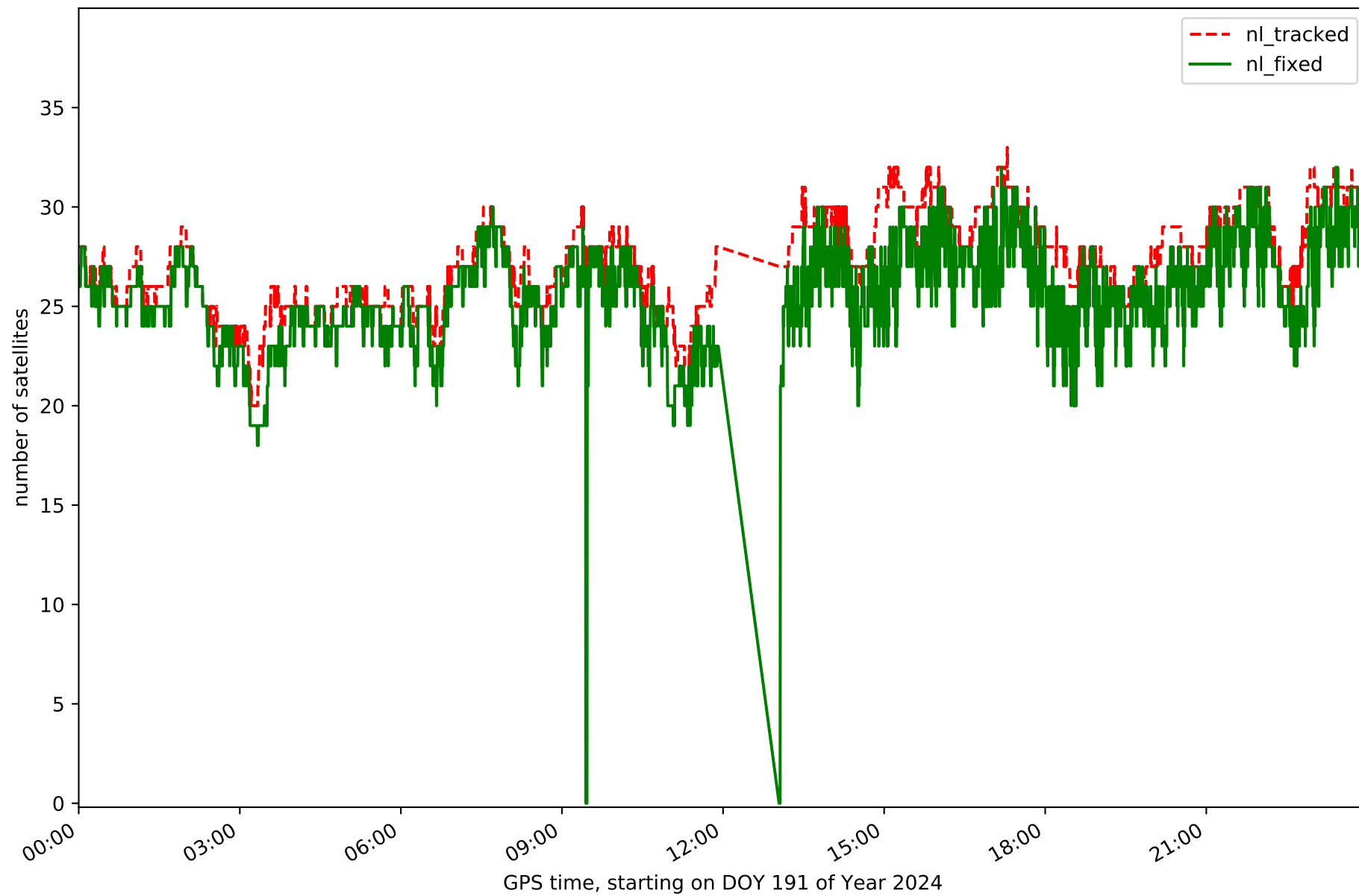
Station JACA in network NET9



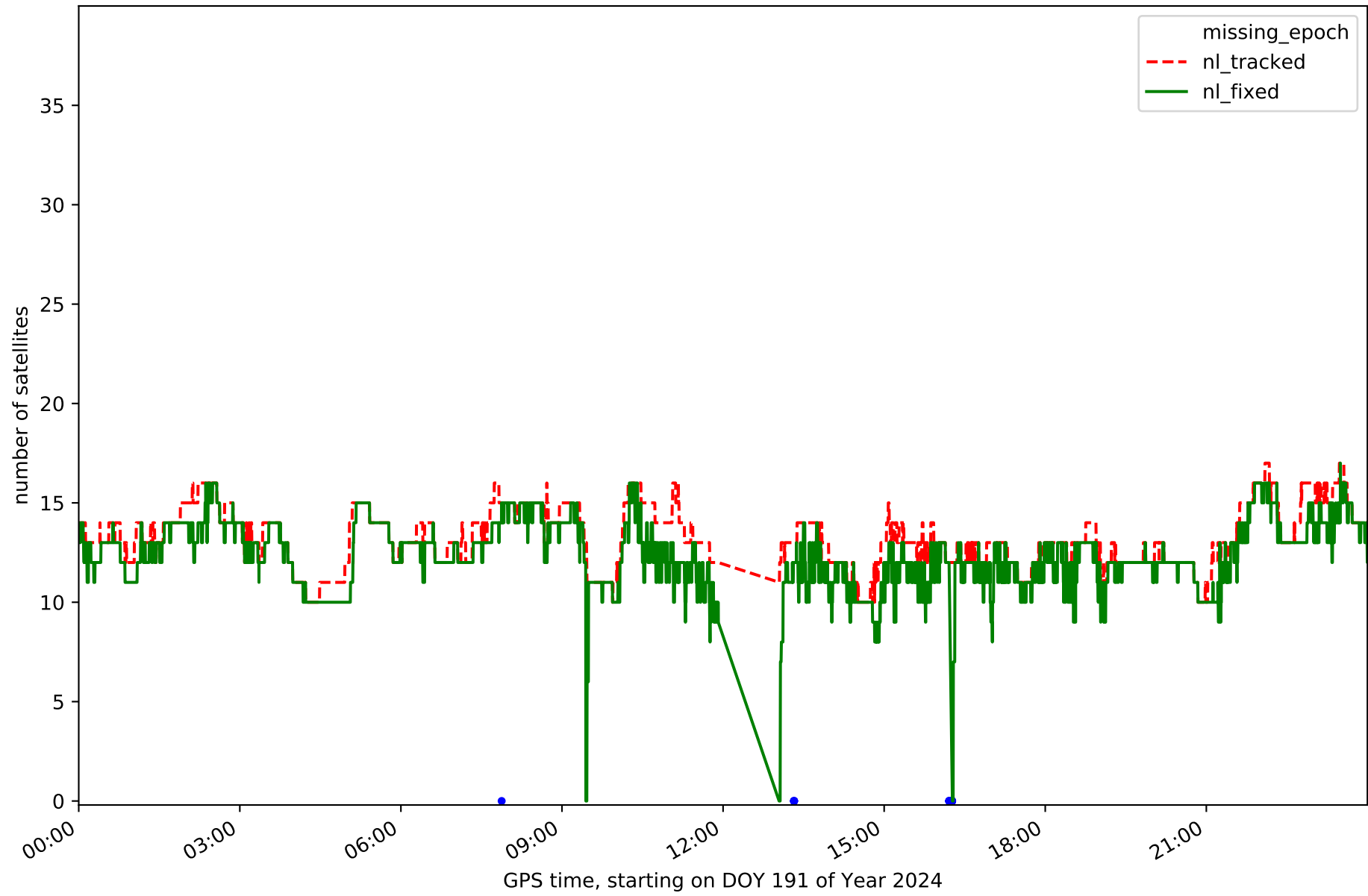
Station OSCA in network NET9



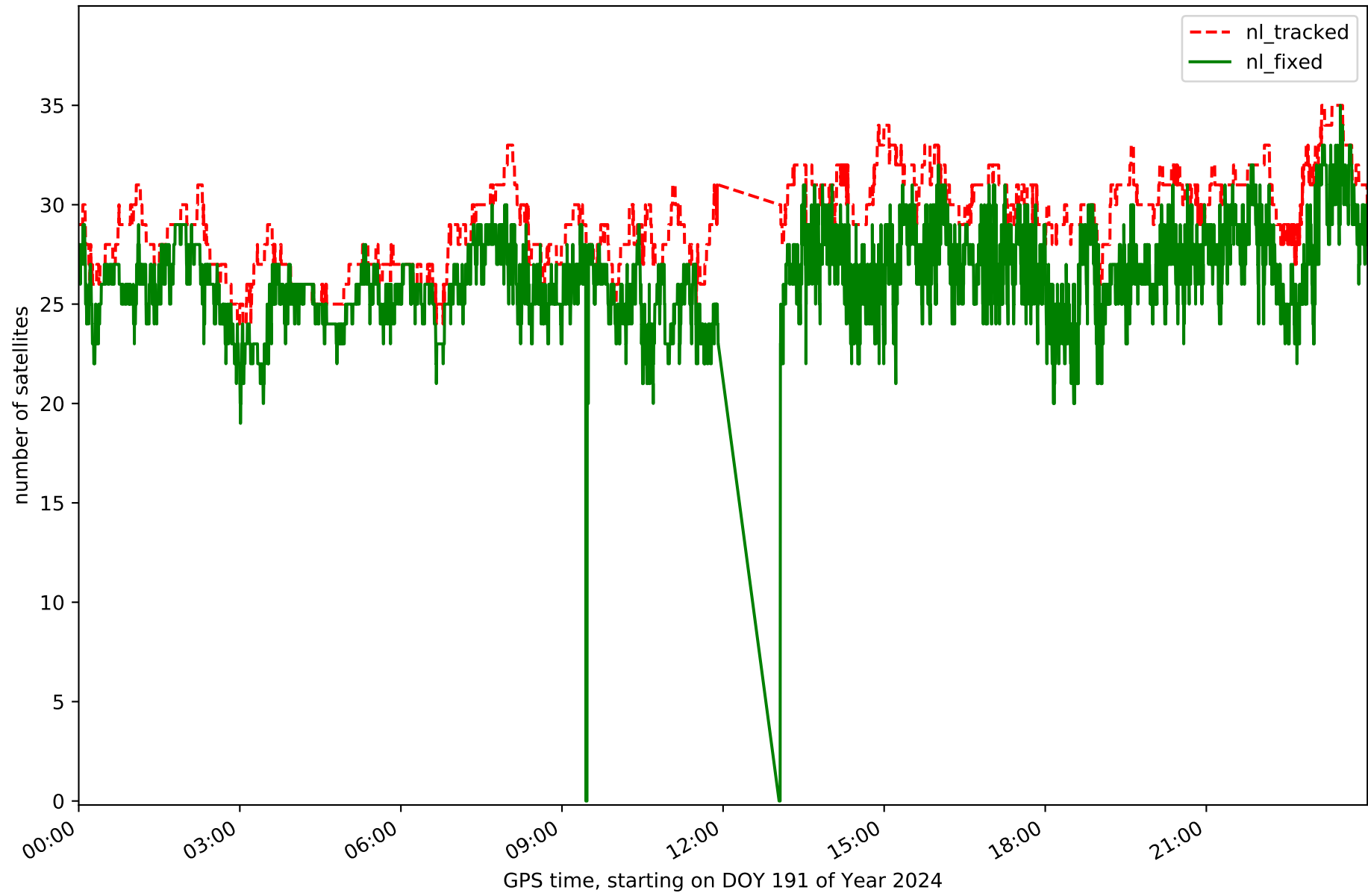
Station RONL in network NET9



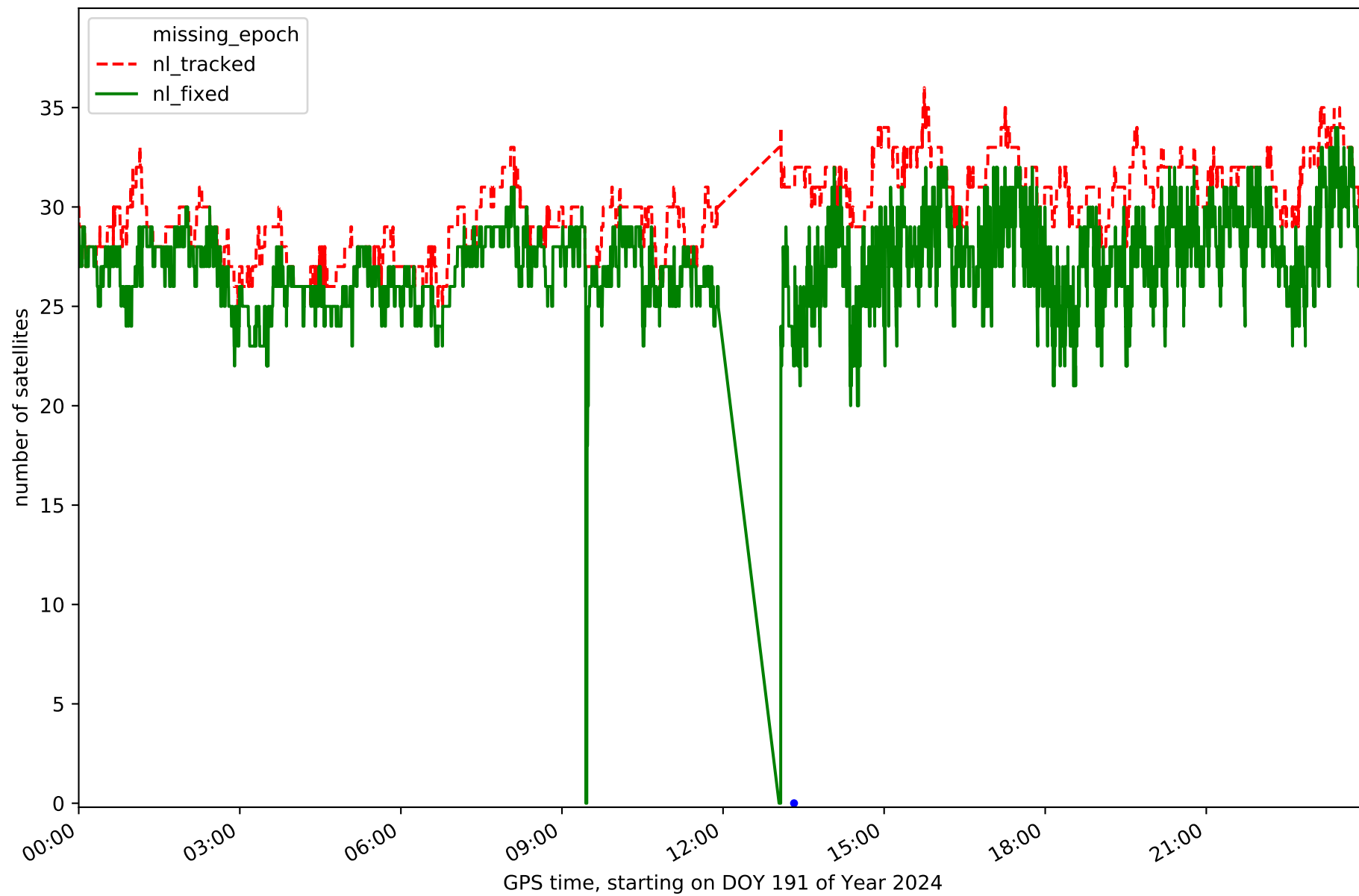
Station SABI in network NET9



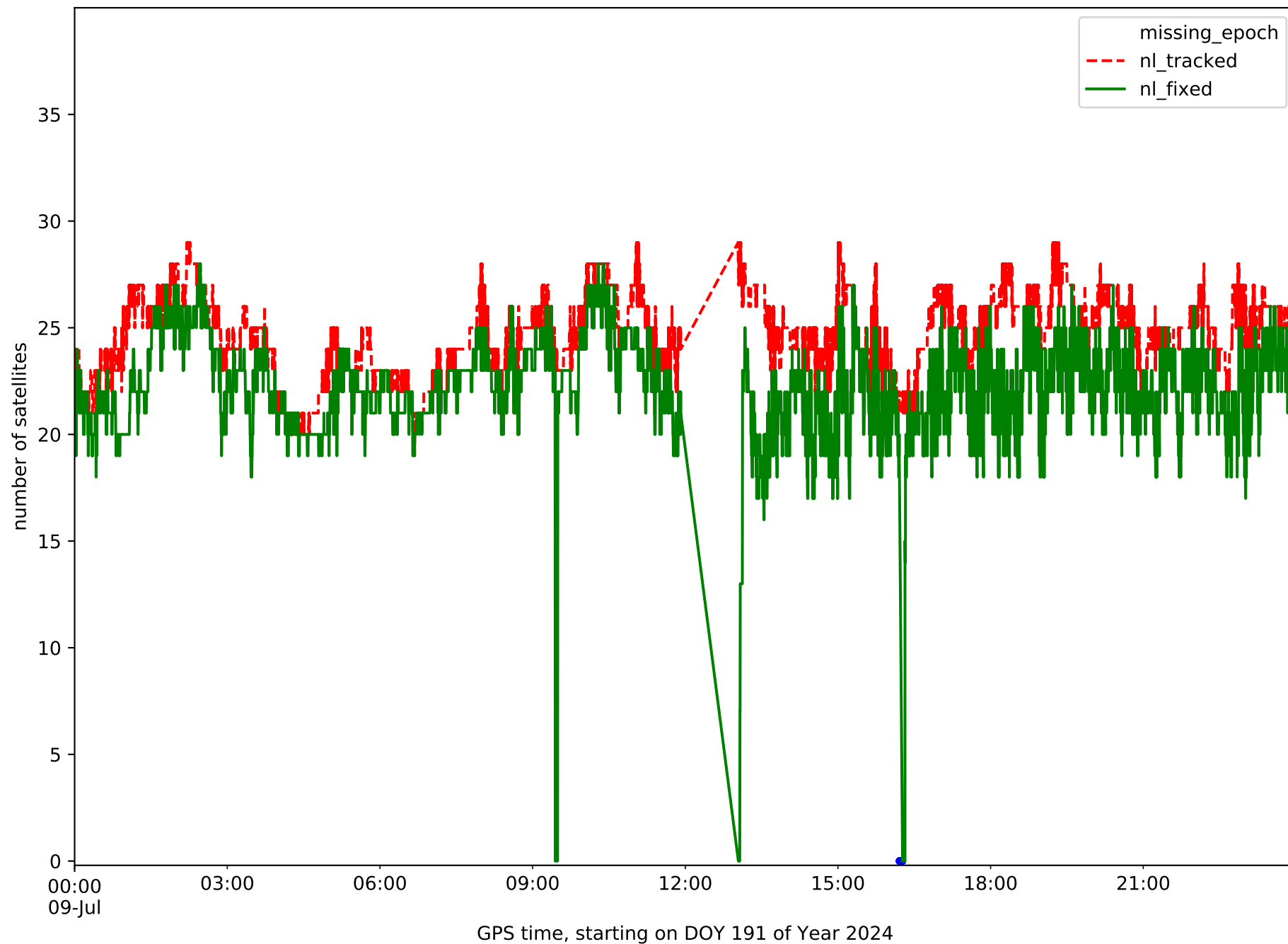
Station SANS in network NET9



Station SRNA in network NET9

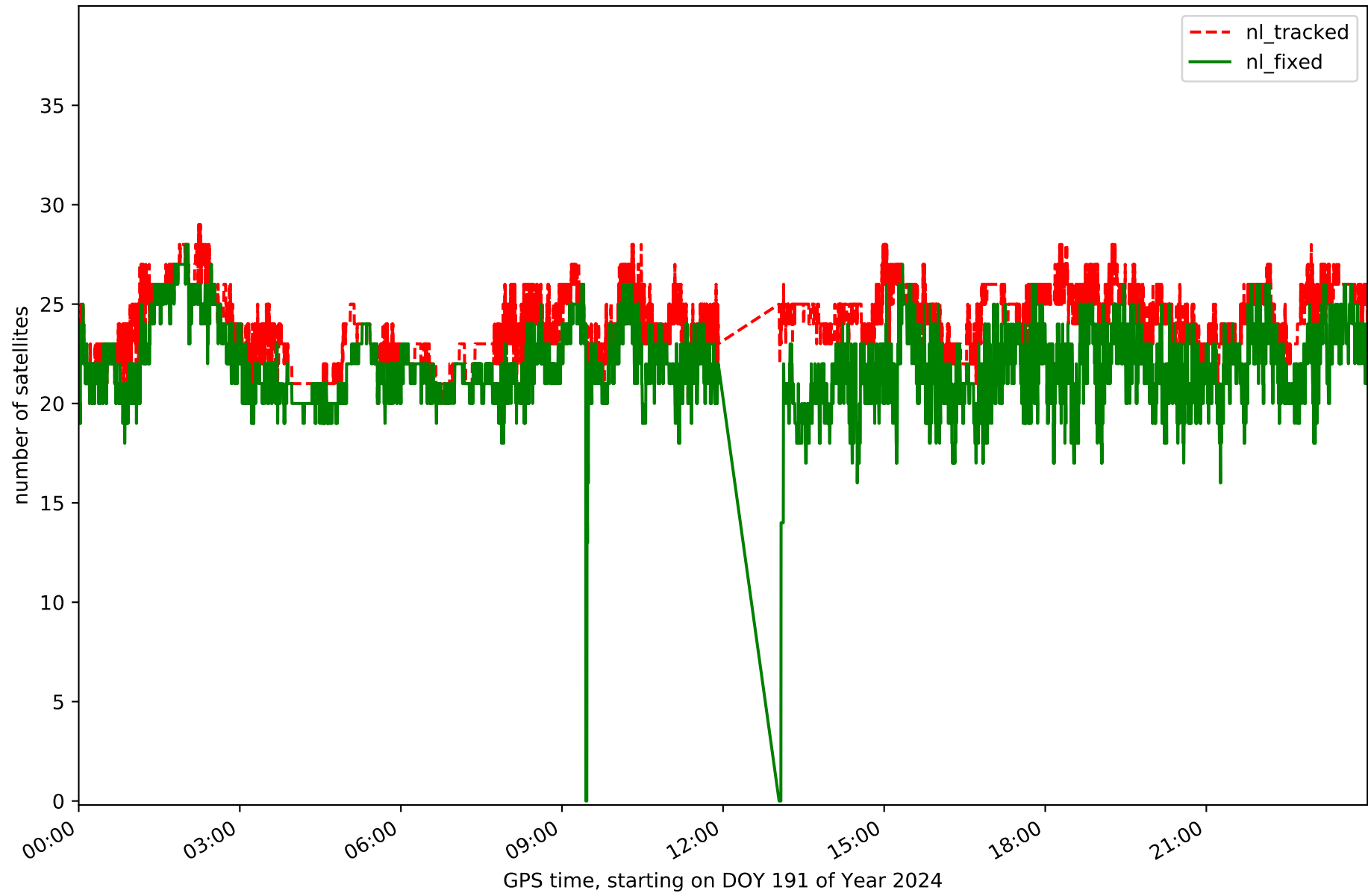


Station TUD1 in network NET9

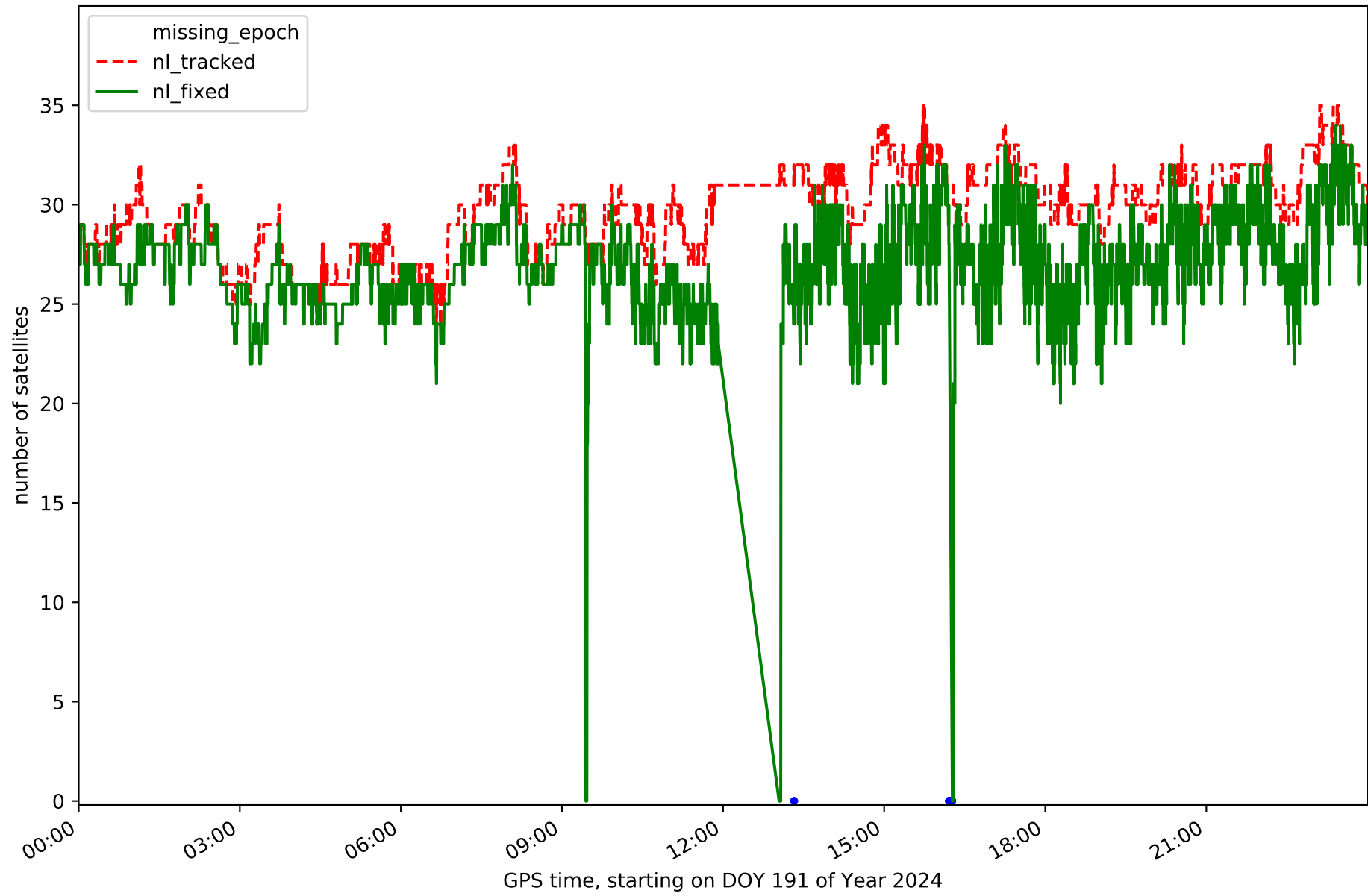




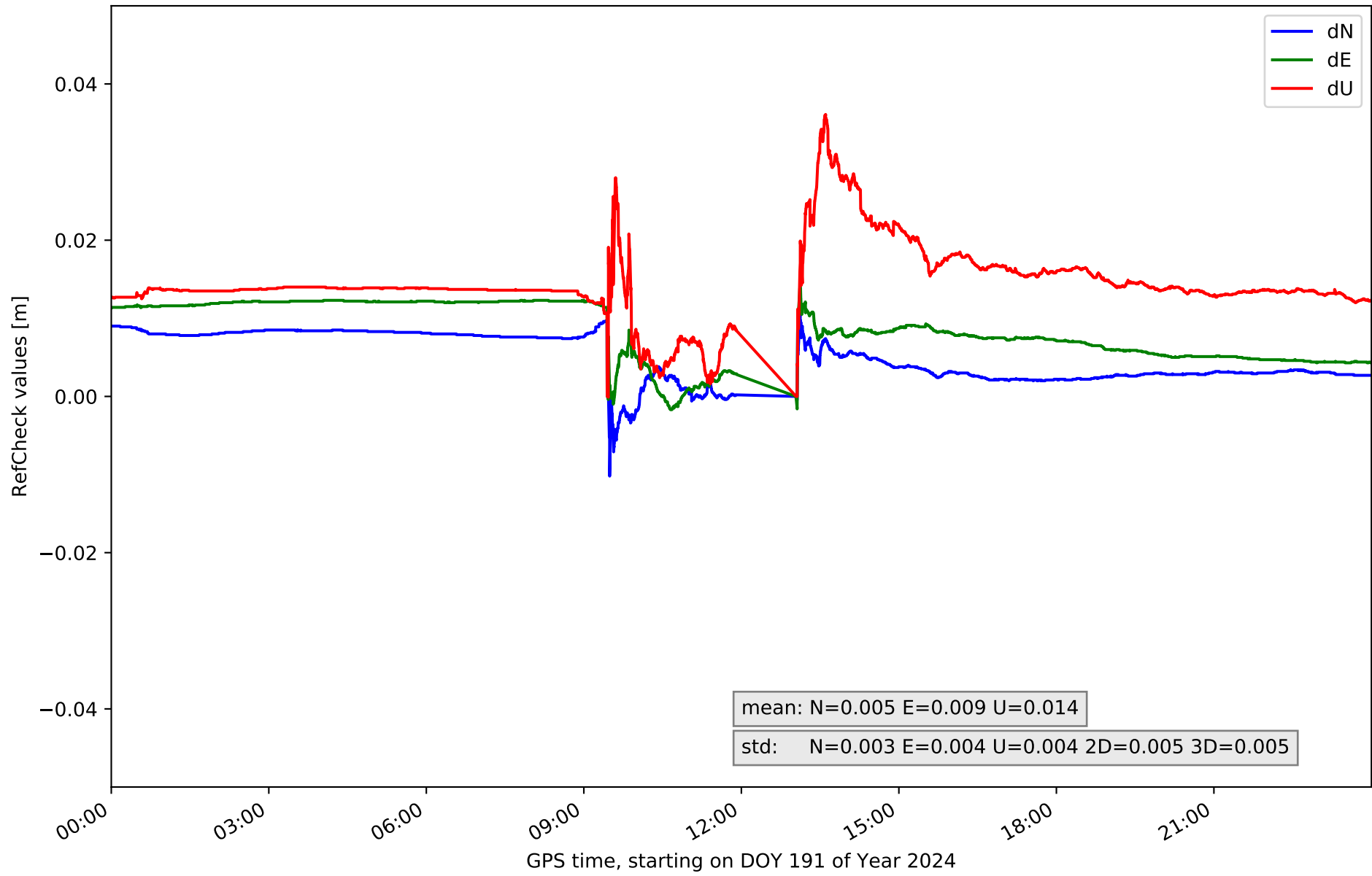
Station ZARA in network NET9



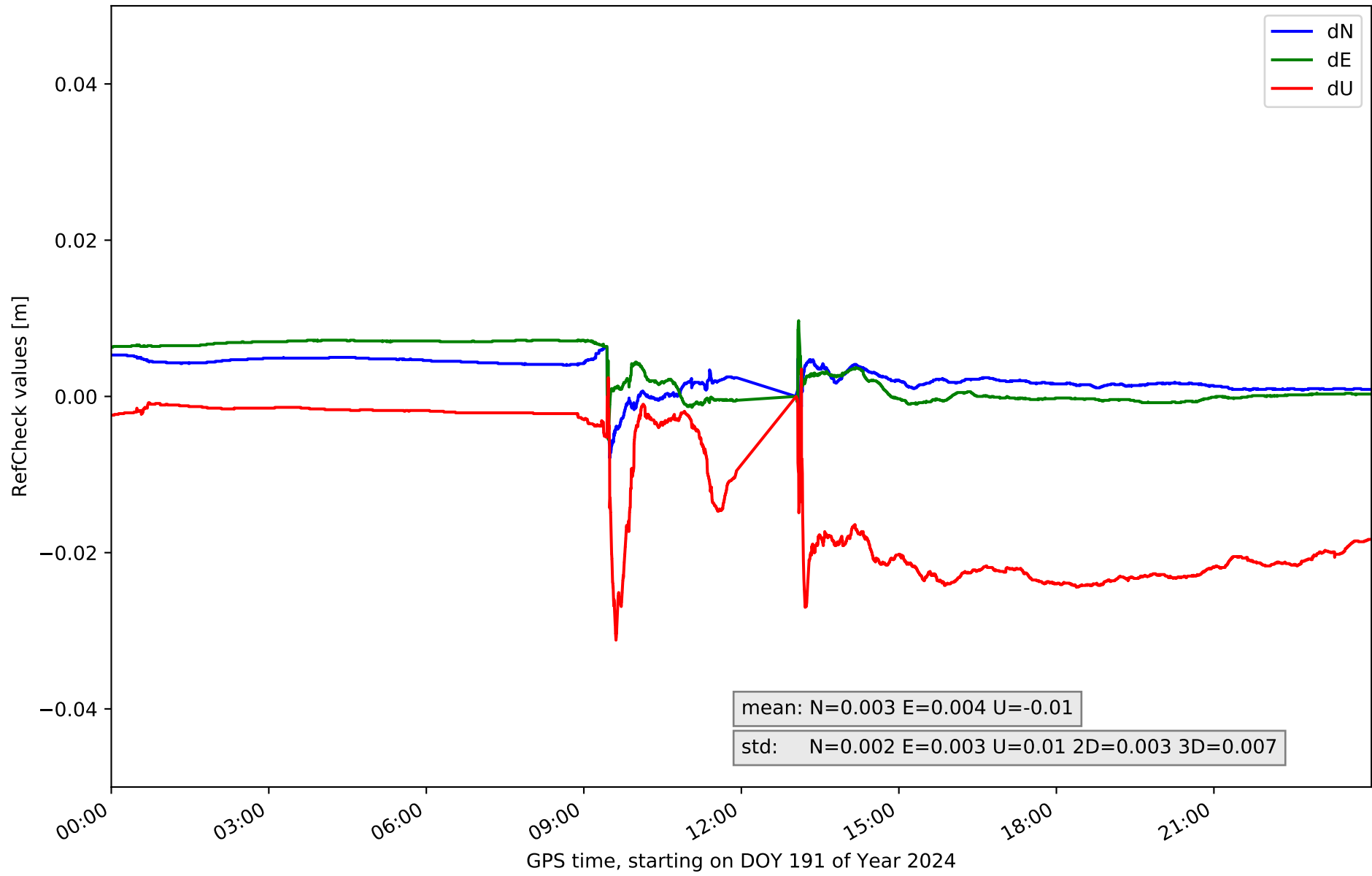
Station ZUER in network NET9



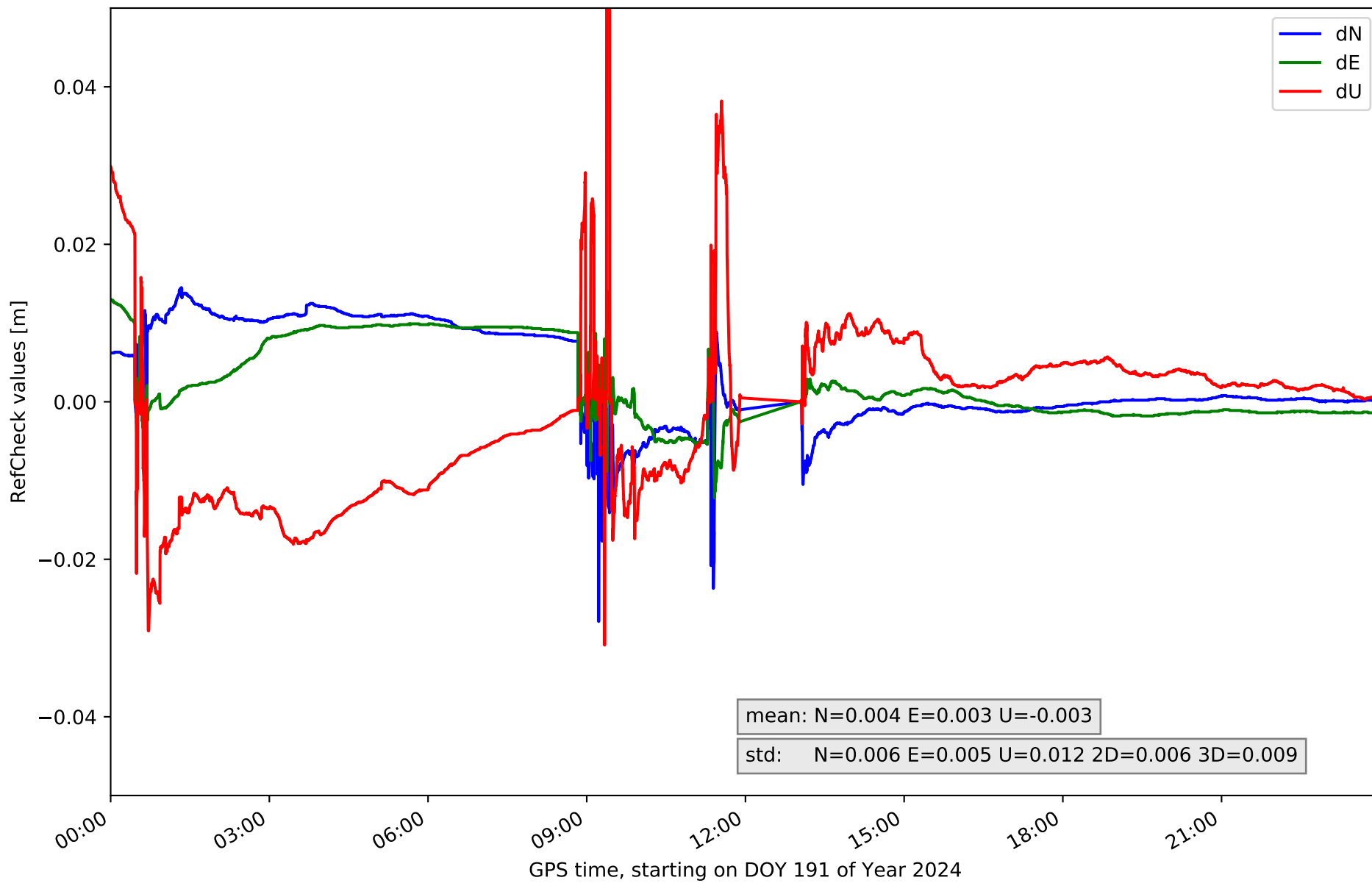
# RefCheck for station ARIB in network NET9



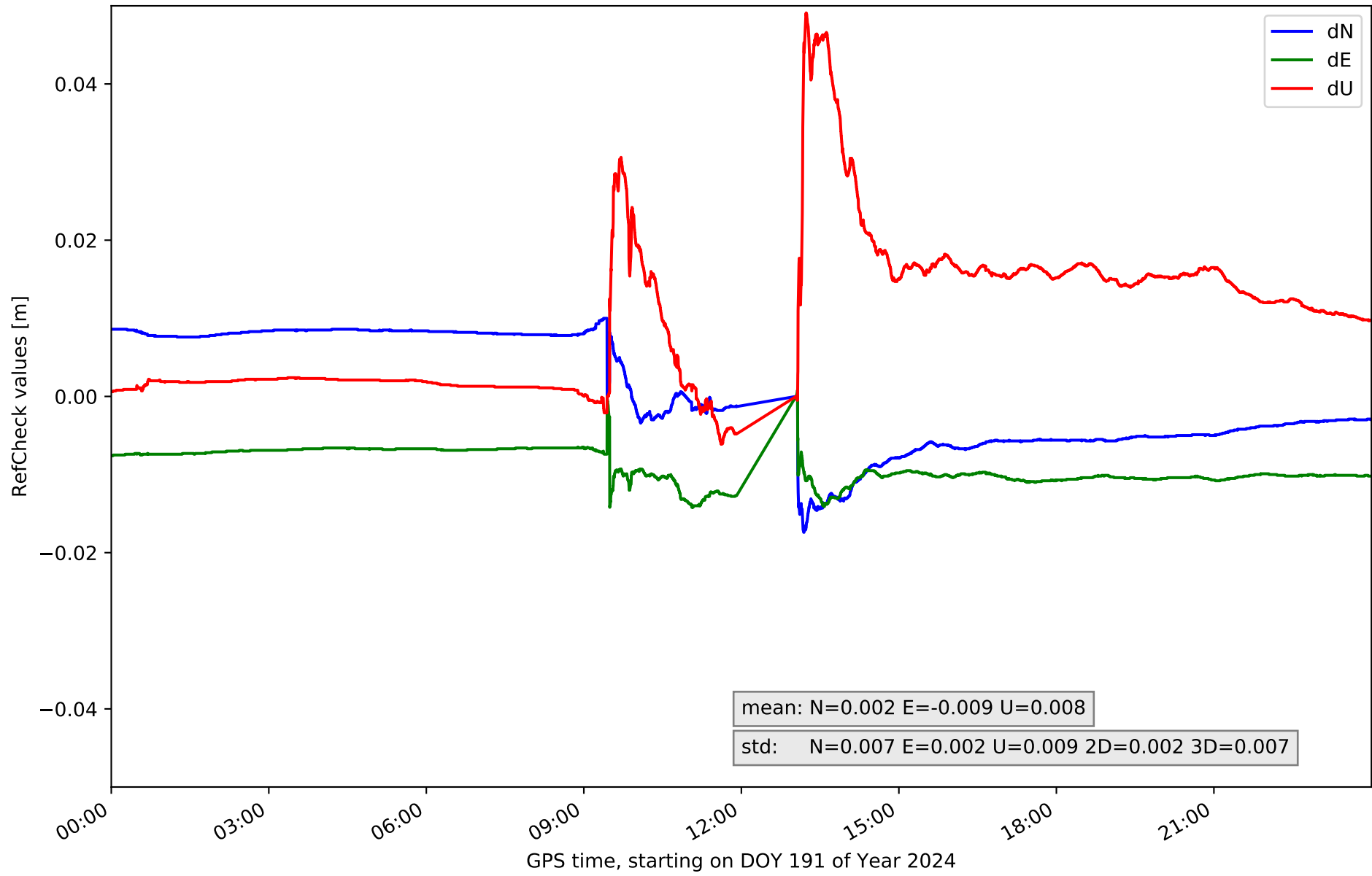
# RefCheck for station BINE in network NET9



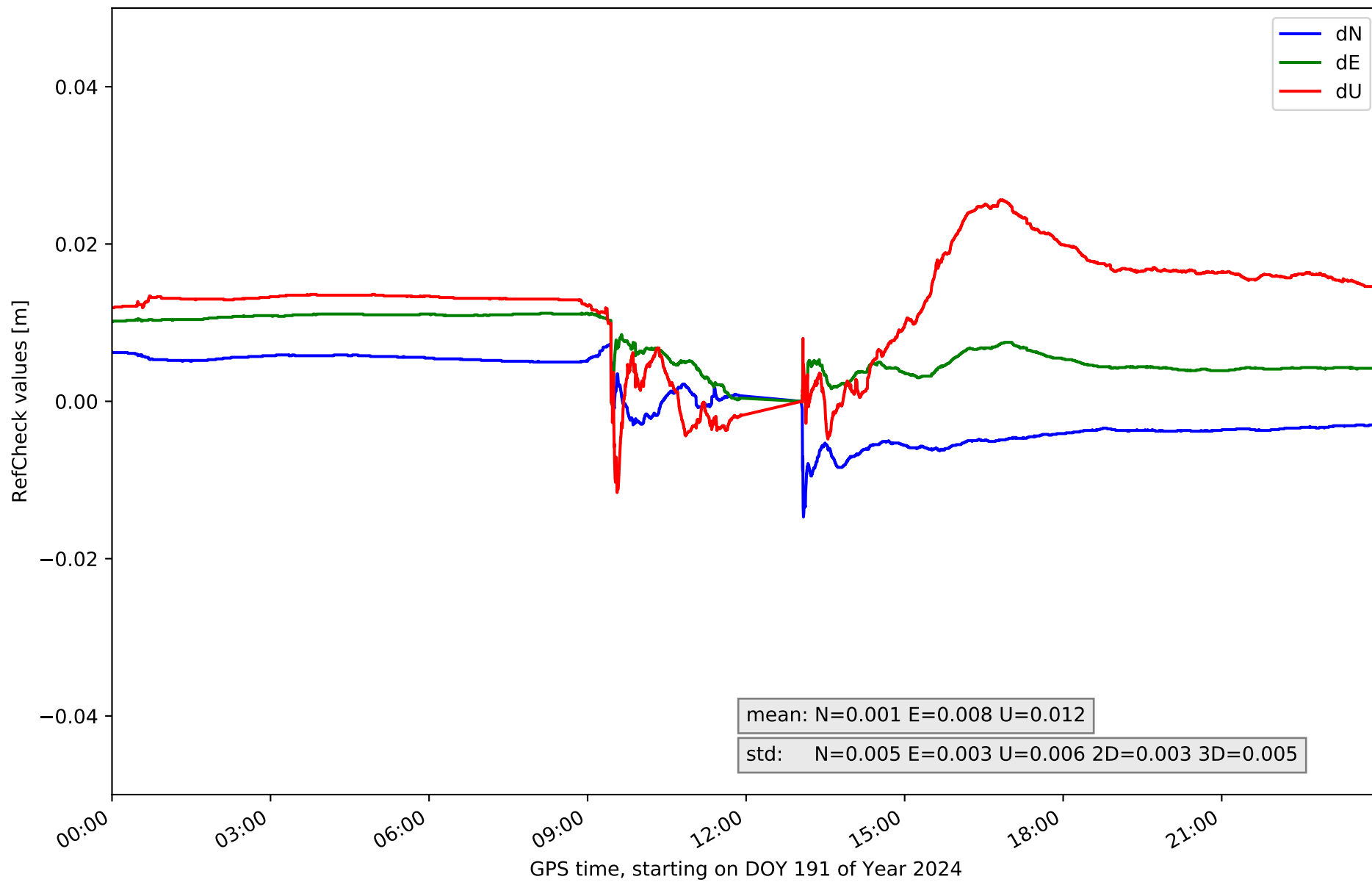
RefCheck for station BLGU in network NET9



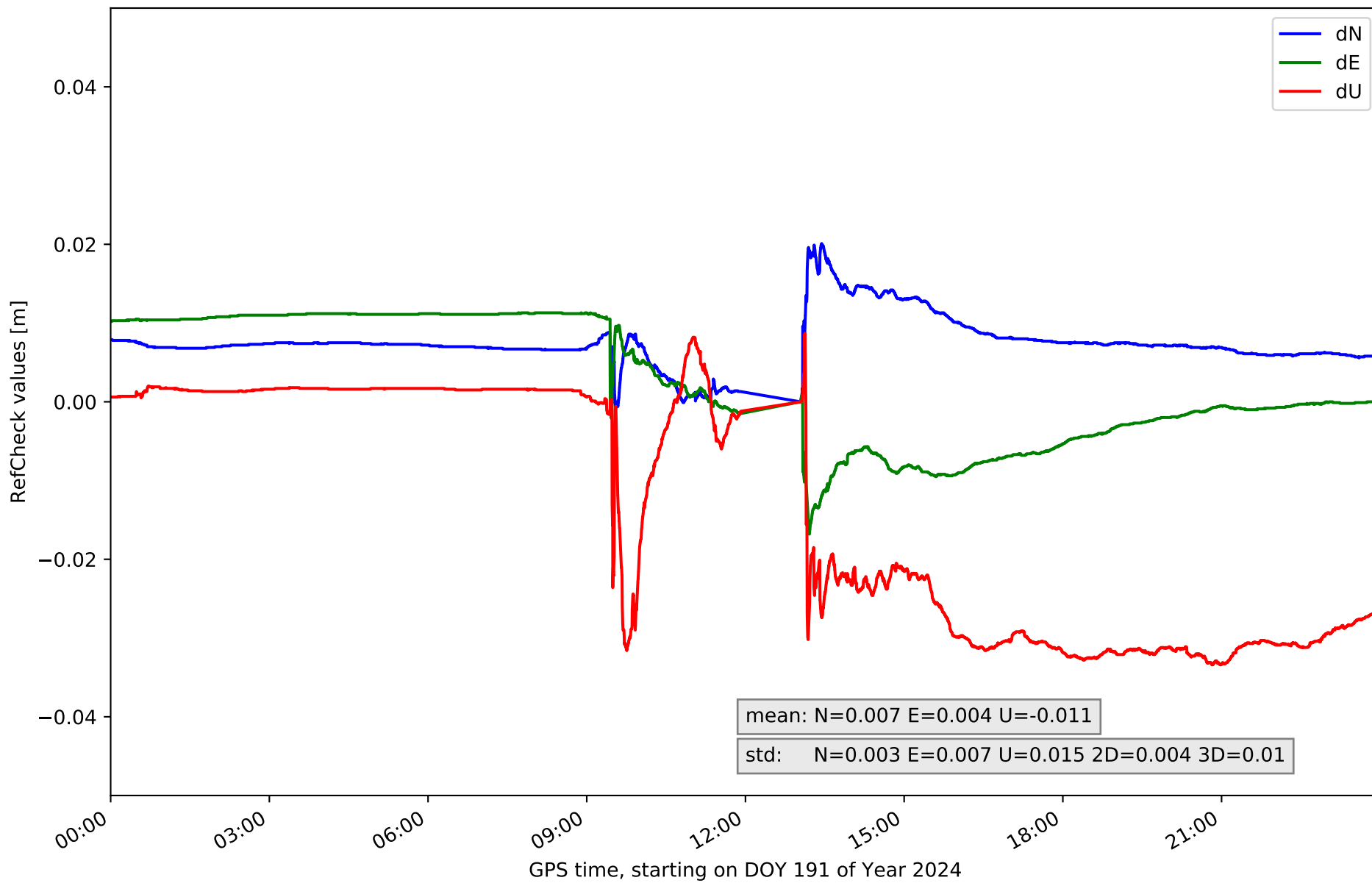
# RefCheck for station BRJA in network NET9



### RefCheck for station CARC in network NET9

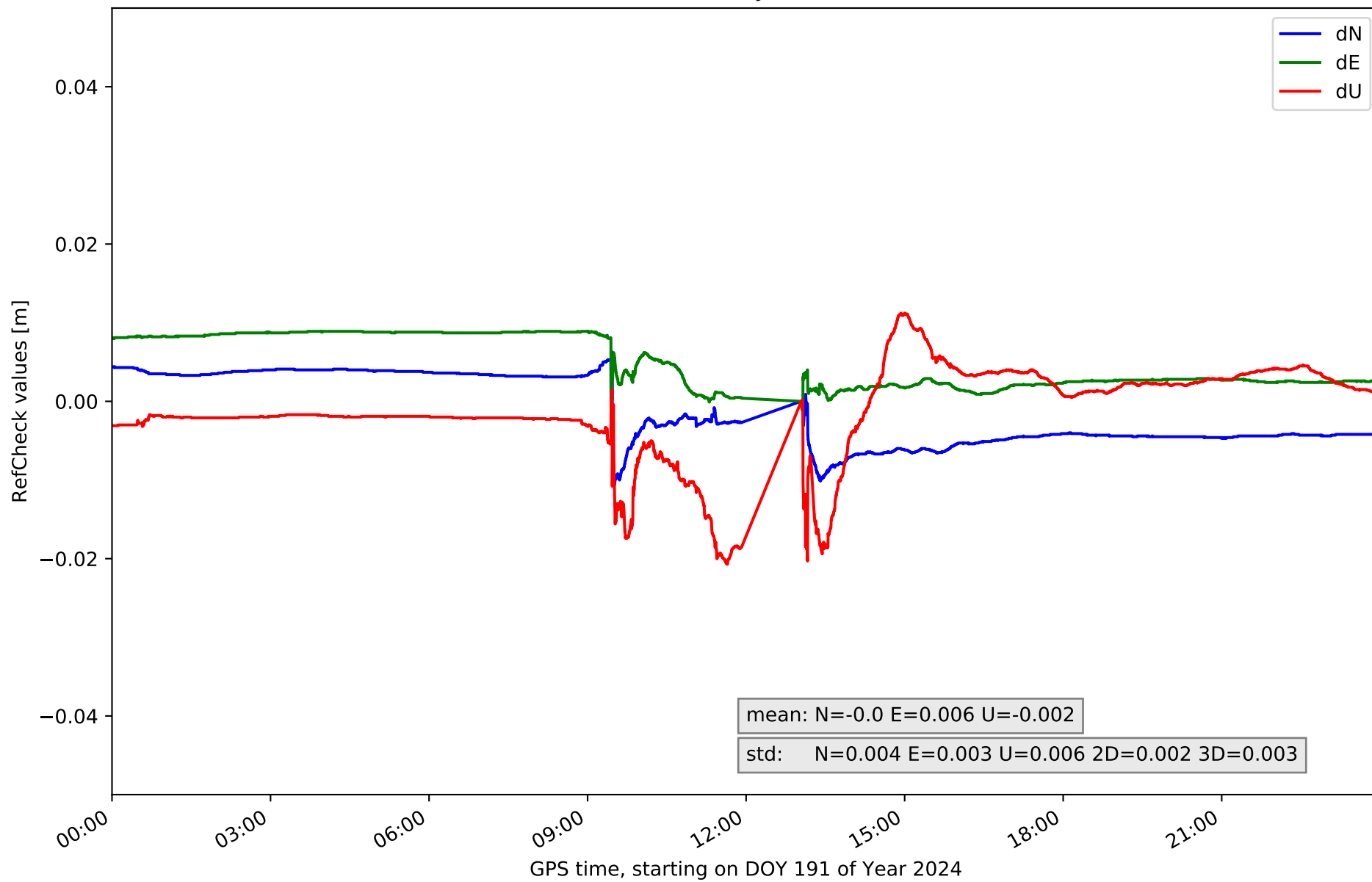


RefCheck for station CSOS in network NET9

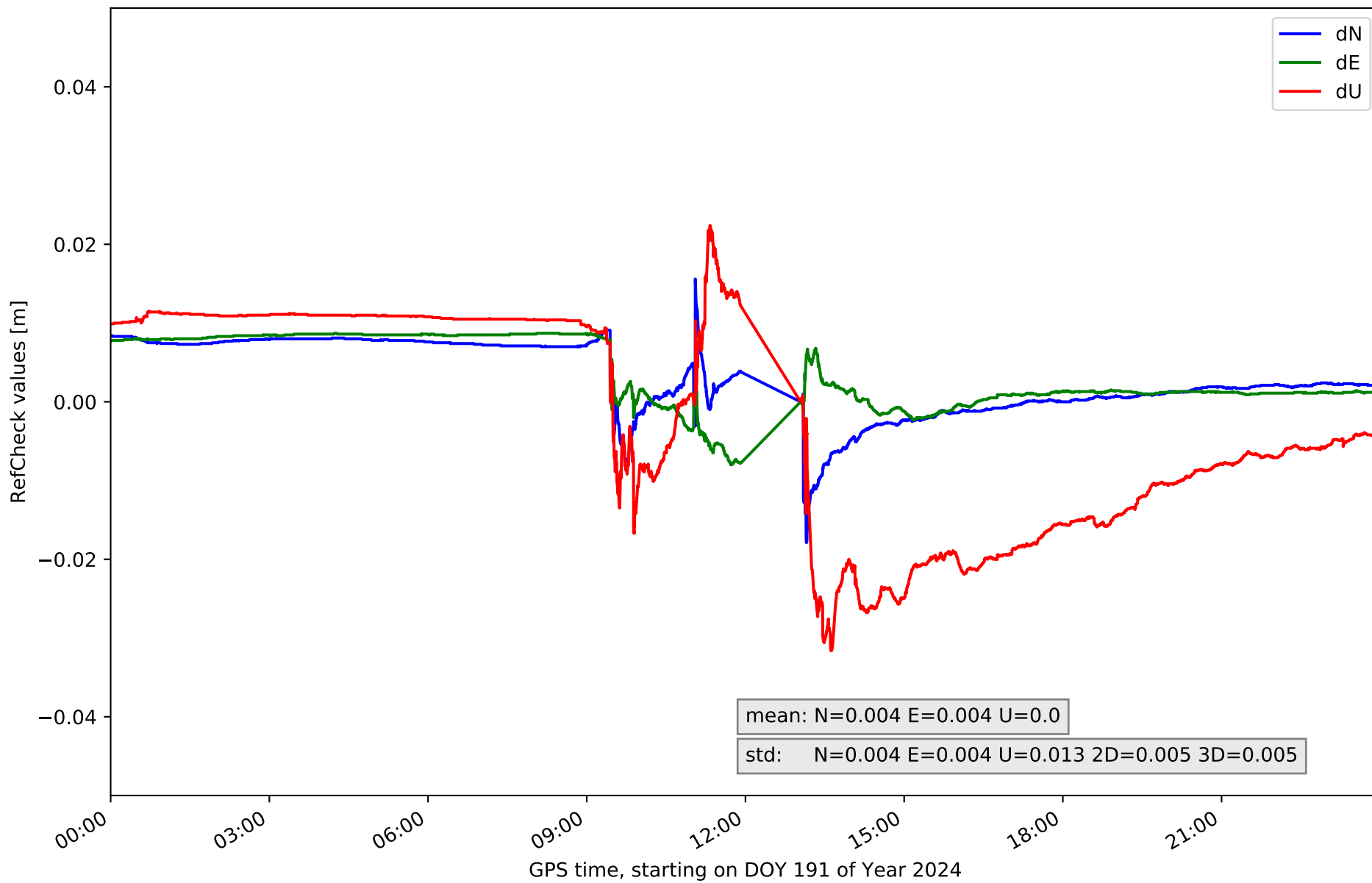




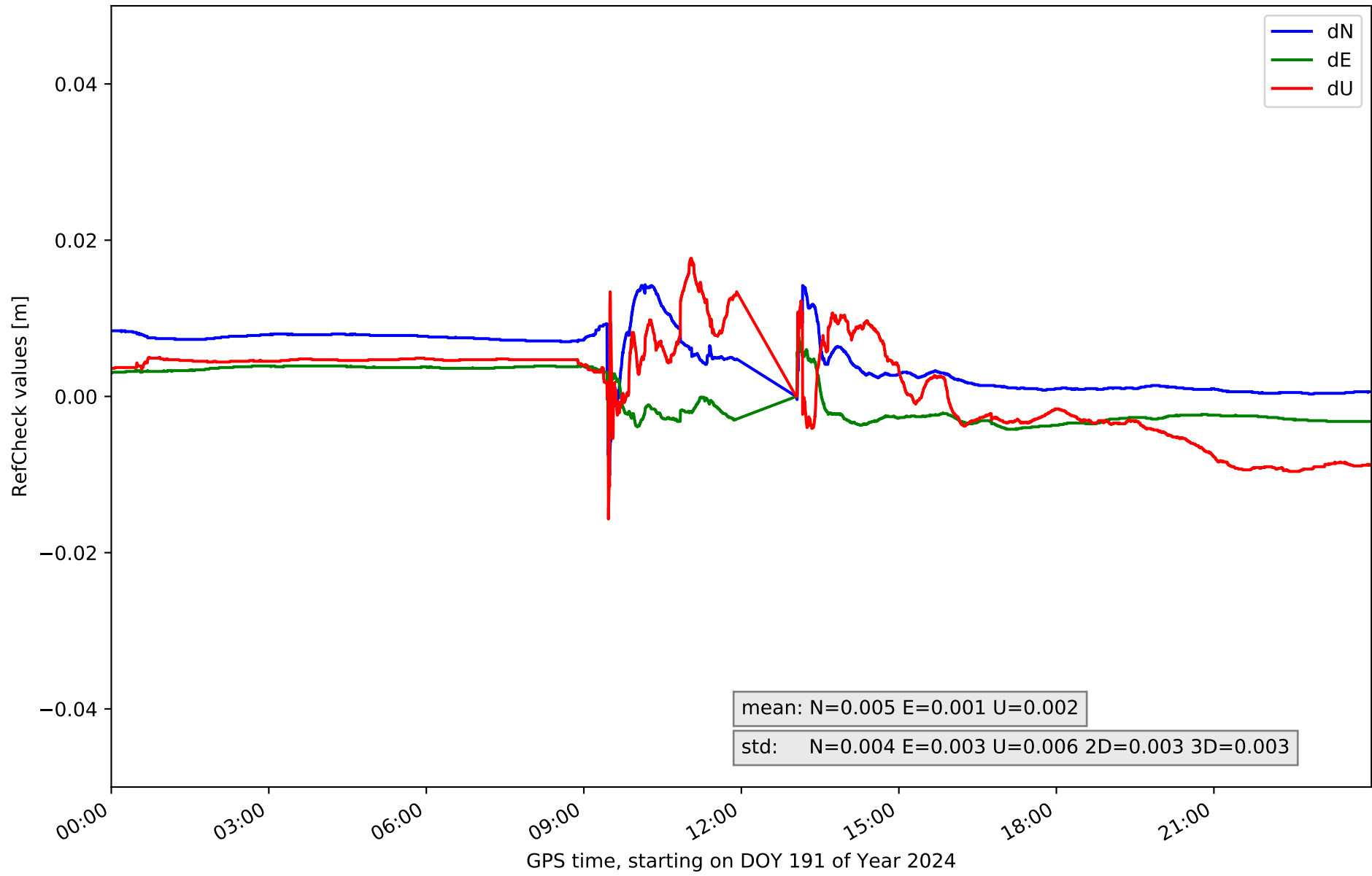
# RefCheck for station EJE in network NET9



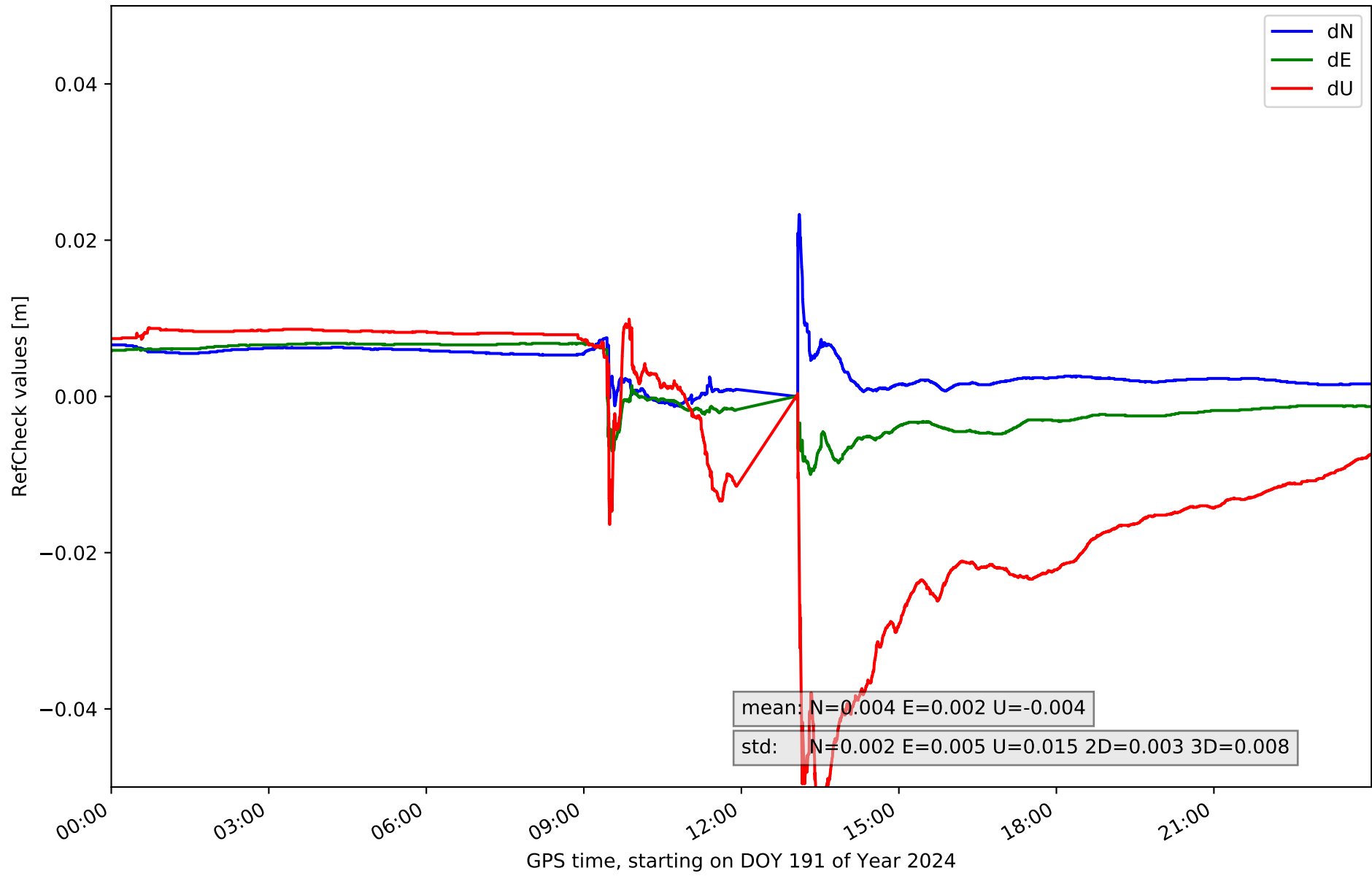
### RefCheck for station FRAG in network NET9



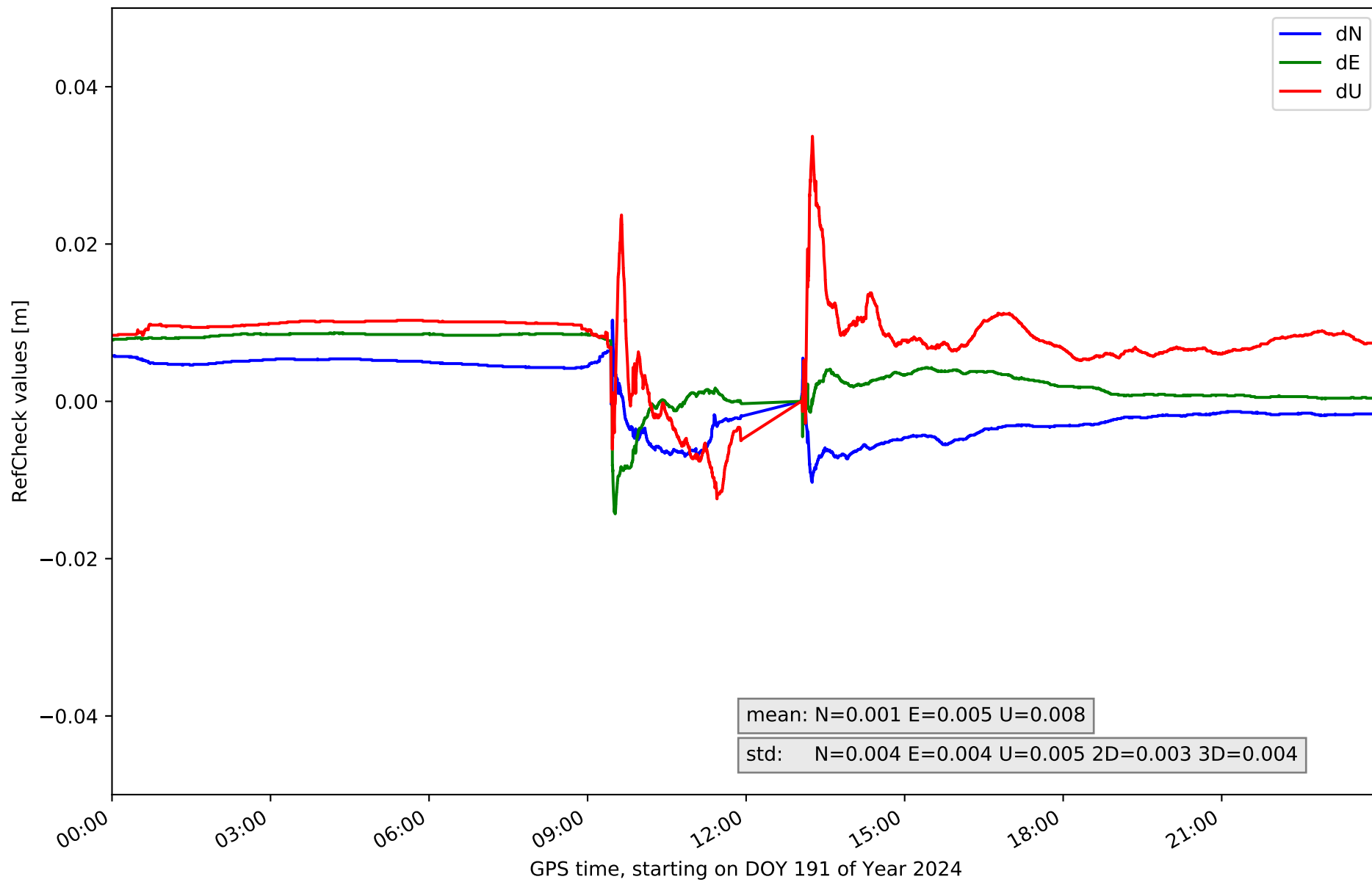
# RefCheck for station JACA in network NET9



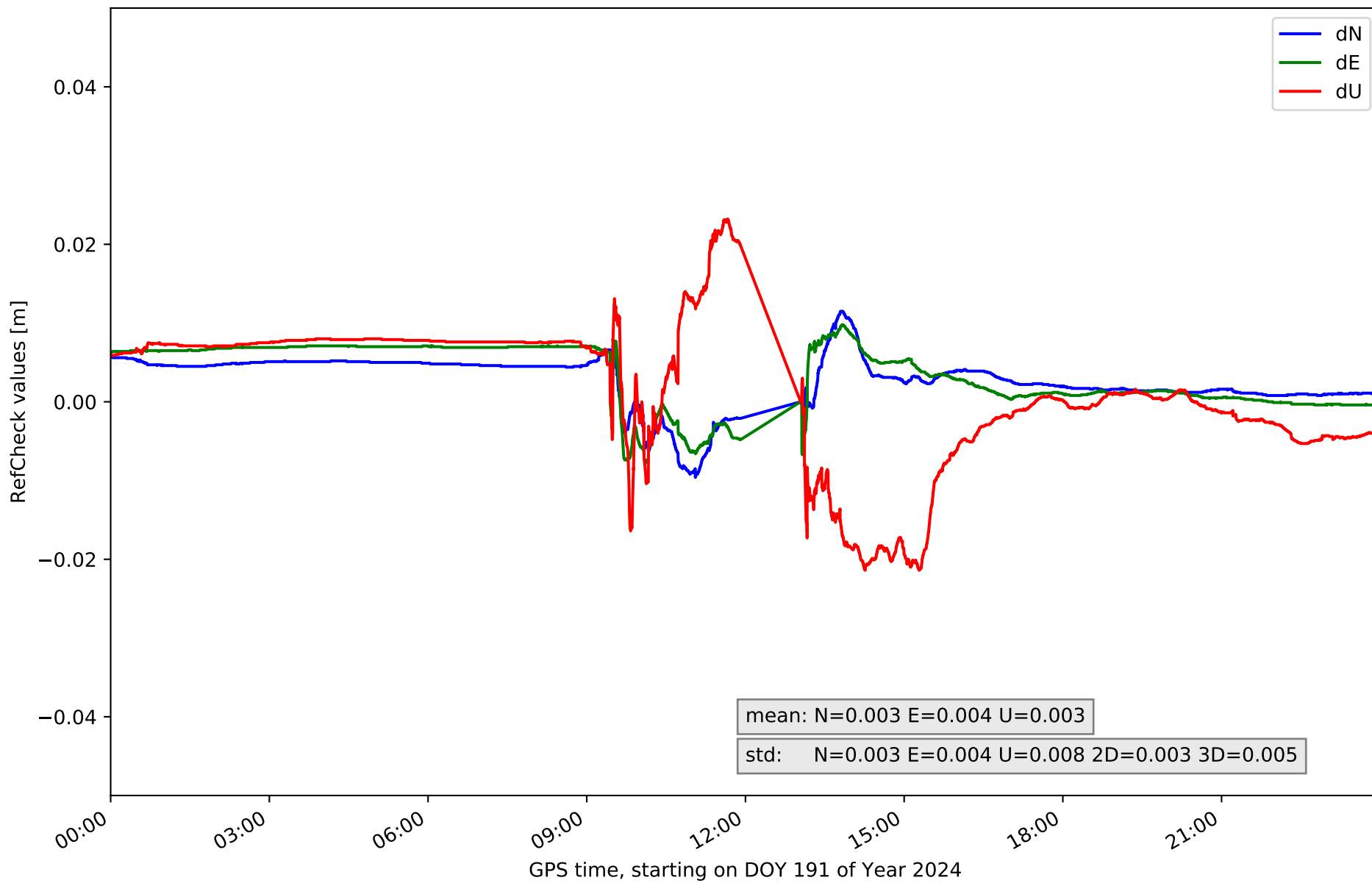
# RefCheck for station OSCA in network NET9



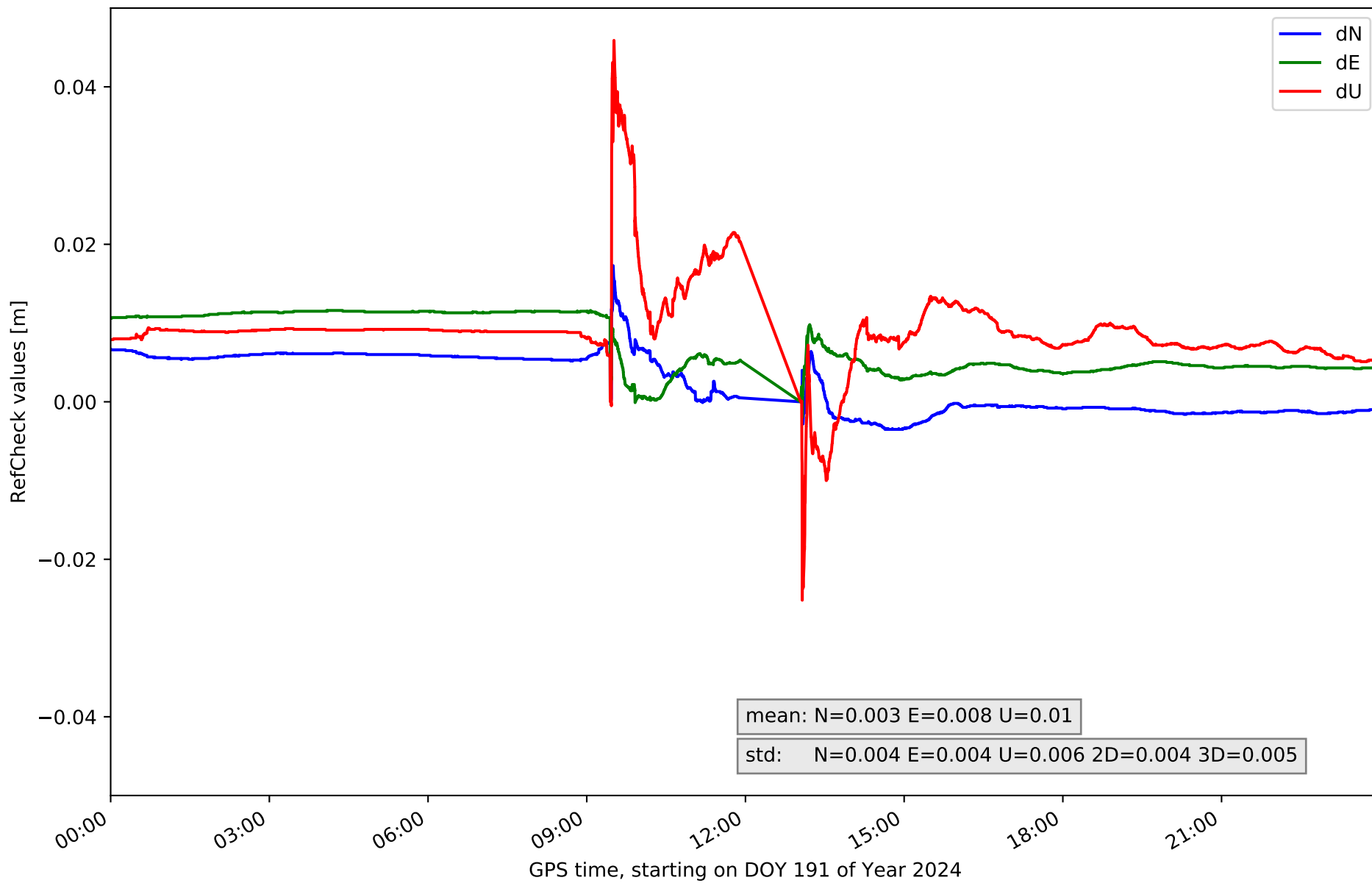
### RefCheck for station RONL in network NET9



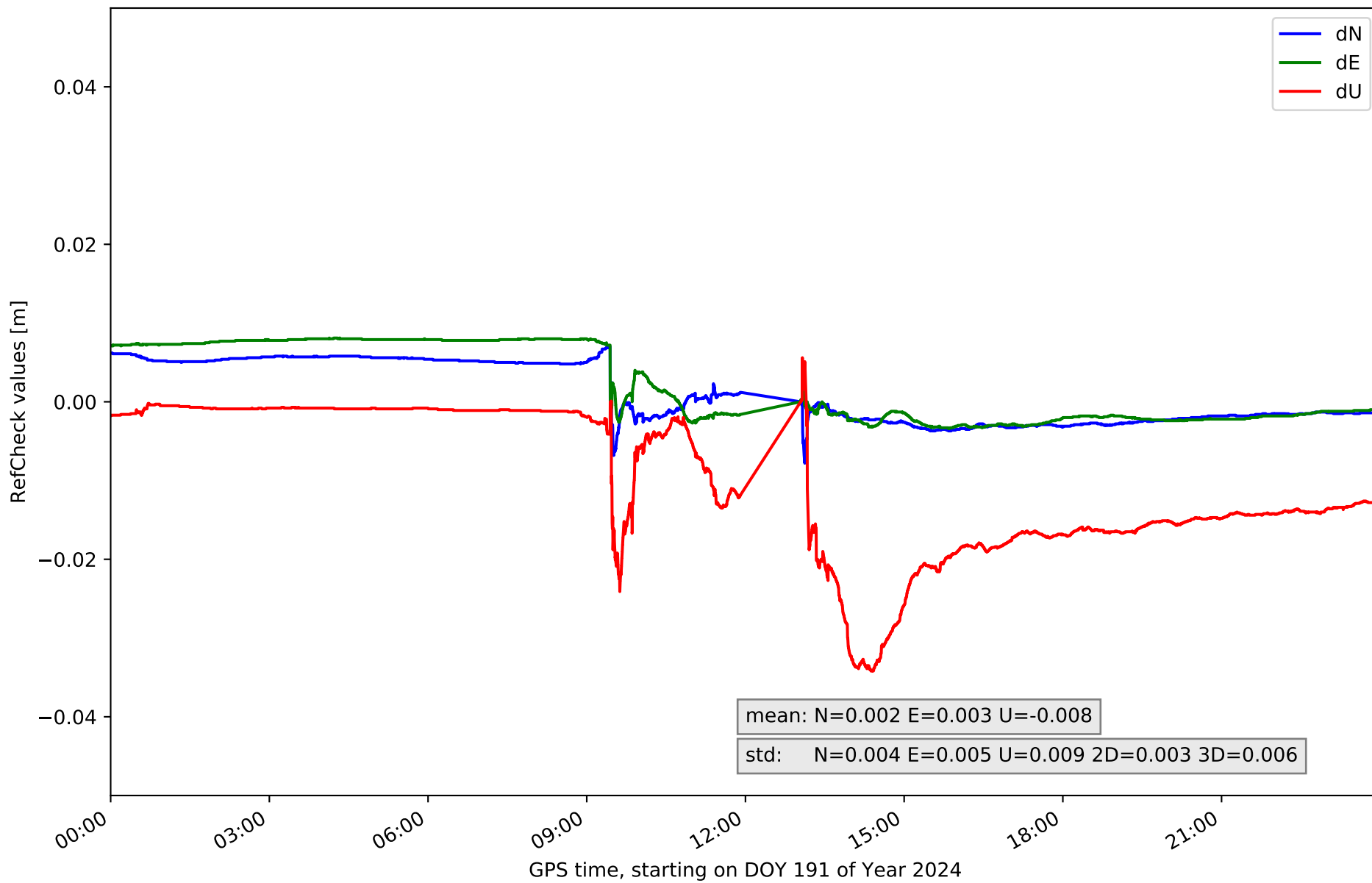
# RefCheck for station SABI in network NET9



### RefCheck for station SANS in network NET9

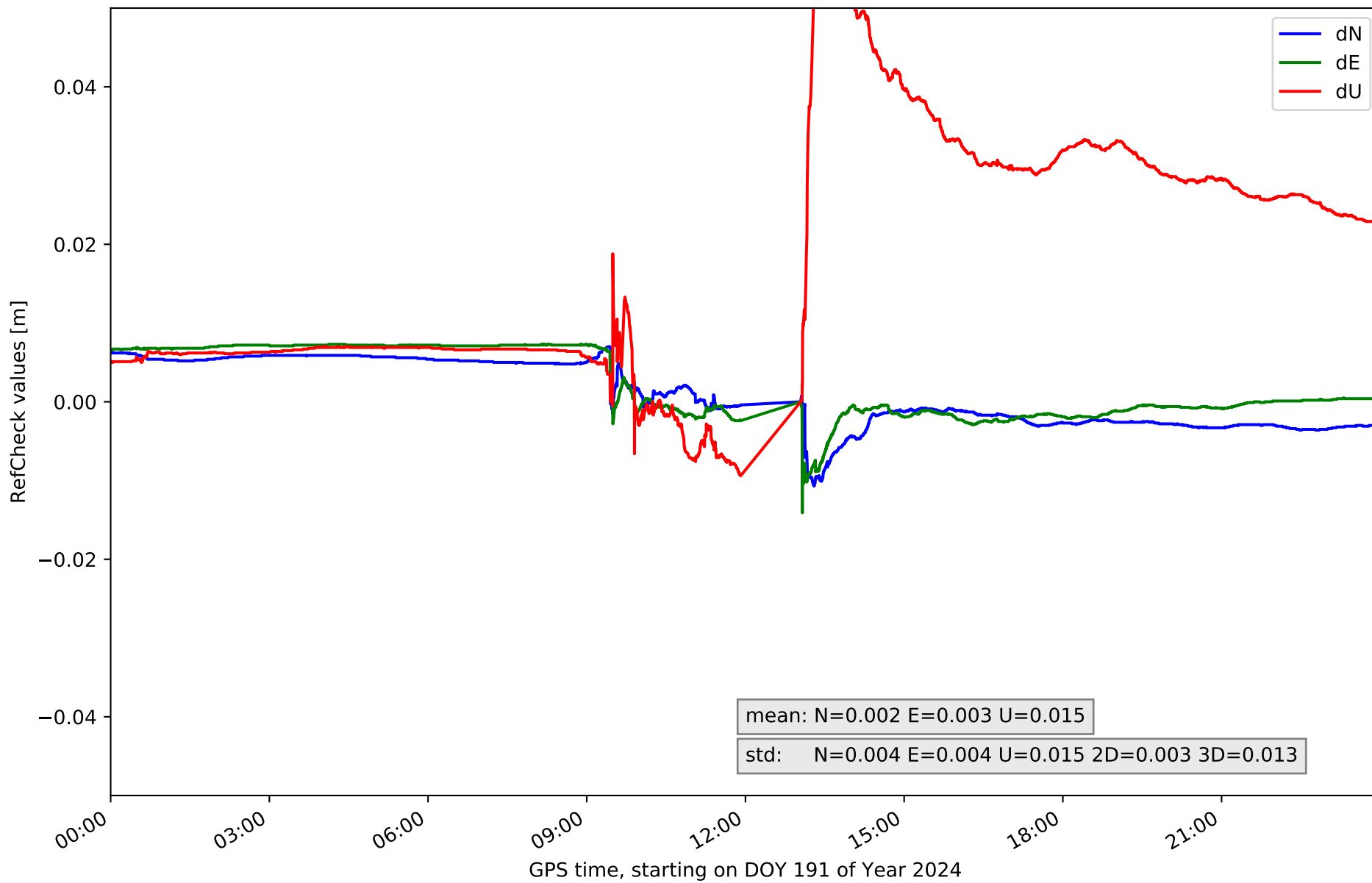


### RefCheck for station SRNA in network NET9

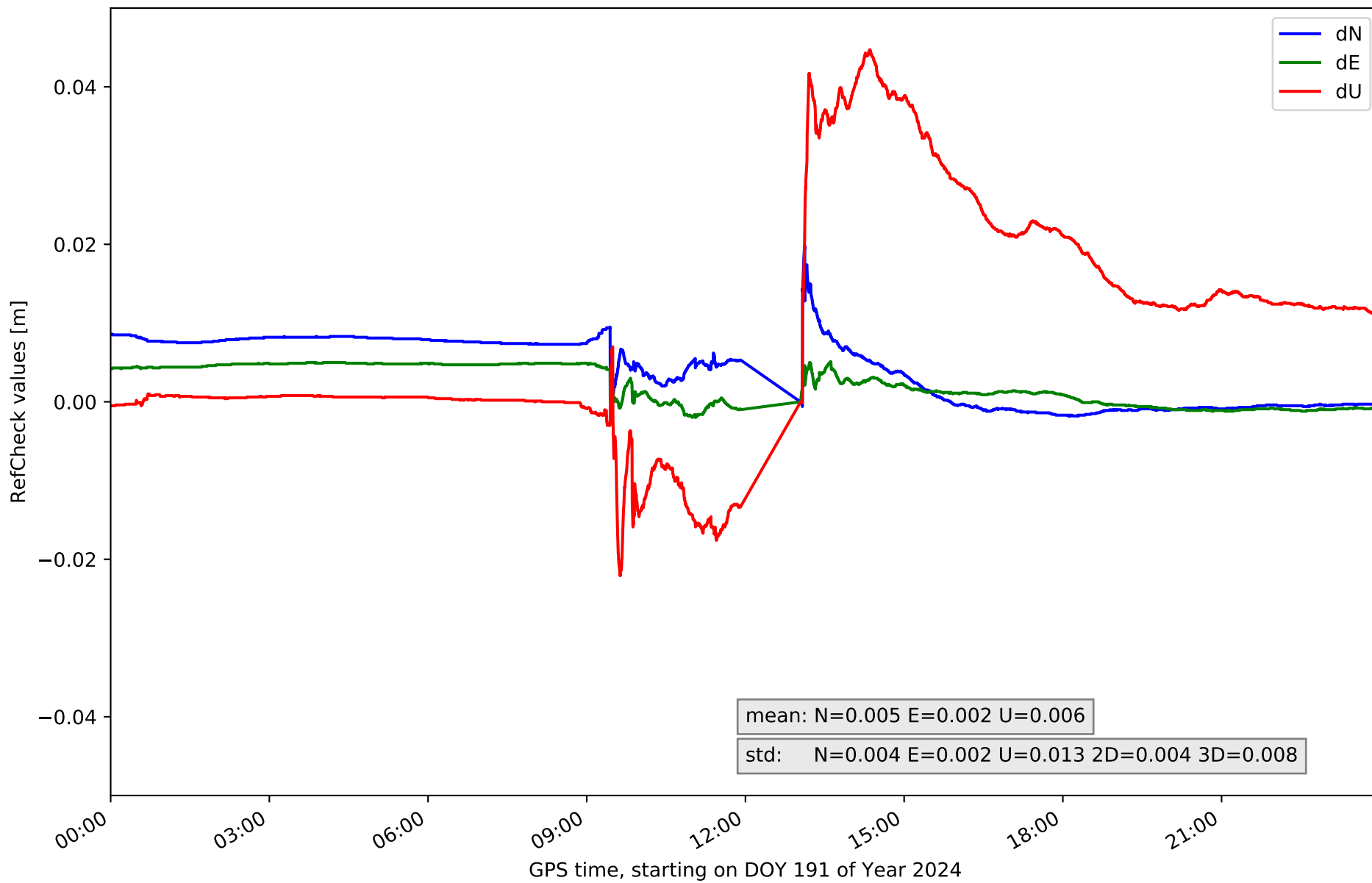




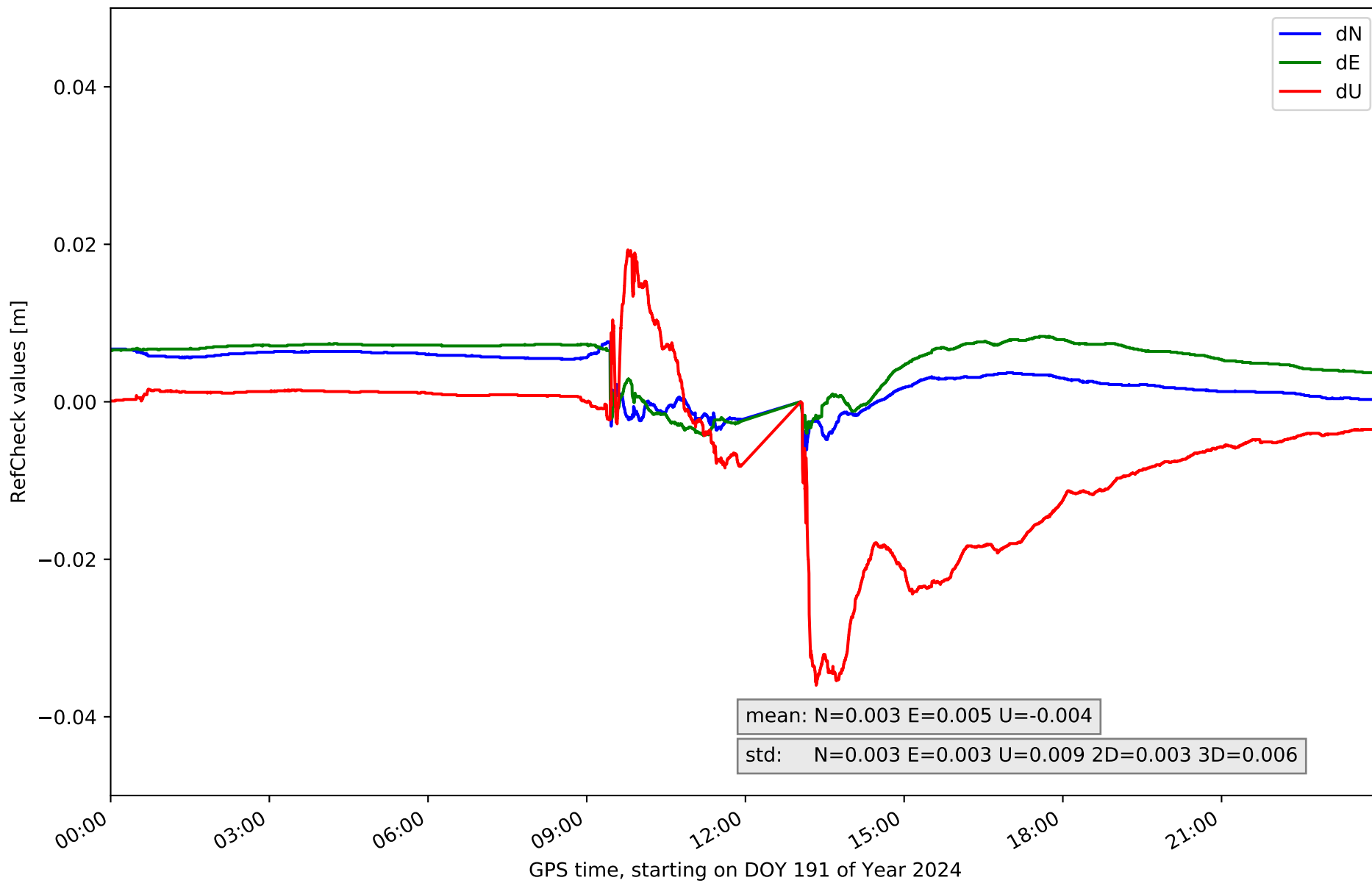
### RefCheck for station TUD1 in network NET9



### RefCheck for station ZARA in network NET9



# RefCheck for station ZUER in network NET9



## RefCheck values for network NET9

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ARIB	-0.01	0.011	0.003	-0.002	0.014	0.004	-0.0	0.036	0.004	0.005	0.005	26642	52.7	16197	32.1
BINE	-0.008	0.006	0.002	-0.005	0.01	0.003	-0.031	0.004	0.01	0.003	0.007	0	0.0	16255	32.2
BLGU	-0.028	0.015	0.006	-0.012	0.014	0.005	-0.031	0.096	0.012	0.006	0.009	23728	47.0	7525	14.9
BRJA	-0.017	0.01	0.007	-0.014	0.001	0.002	-0.006	0.049	0.009	0.002	0.007	49761	98.5	8820	17.5
CARC	-0.015	0.007	0.005	-0.0	0.011	0.003	-0.012	0.026	0.006	0.003	0.005	25617	50.7	4217	8.3
CSOS	-0.001	0.02	0.003	-0.017	0.011	0.007	-0.033	0.009	0.015	0.004	0.01	32816	64.9	19554	38.7
EJEA	-0.011	0.006	0.004	-0.001	0.009	0.003	-0.021	0.011	0.006	0.002	0.003	348	0.7	755	1.5
FRAG	-0.018	0.016	0.004	-0.008	0.009	0.004	-0.032	0.022	0.013	0.005	0.005	26028	51.5	5054	10.0
JACA	-0.01	0.014	0.004	-0.004	0.009	0.003	-0.016	0.018	0.006	0.003	0.003	2638	5.2	0	0.0
OSCA	-0.001	0.023	0.002	-0.01	0.007	0.005	-0.054	0.01	0.015	0.003	0.008	519	1.0	8698	17.2
RONL	-0.01	0.01	0.004	-0.014	0.009	0.004	-0.012	0.034	0.005	0.003	0.004	7445	14.7	686	1.4
SABI	-0.01	0.011	0.003	-0.008	0.01	0.004	-0.021	0.023	0.008	0.003	0.005	1700	3.4	3532	7.0
SANS	-0.004	0.017	0.004	-0.002	0.012	0.004	-0.025	0.046	0.006	0.004	0.005	26448	52.3	2345	4.6
SRNA	-0.008	0.007	0.004	-0.003	0.008	0.005	-0.034	0.006	0.009	0.003	0.006	186	0.4	4334	8.6
TUD1	-0.011	0.007	0.004	-0.014	0.007	0.004	-0.009	0.073	0.015	0.003	0.013	655	1.3	18468	36.5
ZARA	-0.002	0.02	0.004	-0.002	0.005	0.002	-0.022	0.045	0.013	0.004	0.008	940	1.9	8515	16.9
ZUER	-0.008	0.008	0.003	-0.004	0.008	0.003	-0.036	0.019	0.009	0.003	0.006	162	0.3	5066	10.0
<b>Mean</b>	<b>-0.01</b>	<b>0.012</b>	<b>0.004</b>	<b>-0.007</b>	<b>0.009</b>	<b>0.004</b>	<b>-0.023</b>	<b>0.031</b>	<b>0.009</b>	<b>0.003</b>	<b>0.006</b>	<b>13272.5</b>	<b>26.3</b>	<b>7648.3</b>	<b>15.1</b>
<b>Min/Max</b>	<b>-0.028</b>	<b>0.023</b>	<b>0.007</b>	<b>-0.017</b>	<b>0.014</b>	<b>0.007</b>	<b>-0.054</b>	<b>0.096</b>	<b>0.015</b>	<b>0.006</b>	<b>0.013</b>	<b>49761</b>	<b>98.5</b>	<b>19554</b>	<b>38.7</b>

## fixing statistic for network NET9

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	92.1	93.9	92.4	86.4	93.7
considering satellites with dual-frequency fixed	90.3	92.7	90.5	85.1	91.7
considering all signals separately	89.9	92.9	90.5	85.3	90.7