

## summary for network NET9

timeperiod chosen: from 2024-07-21-00:00:00 until 2024-07-21-23:59:58

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

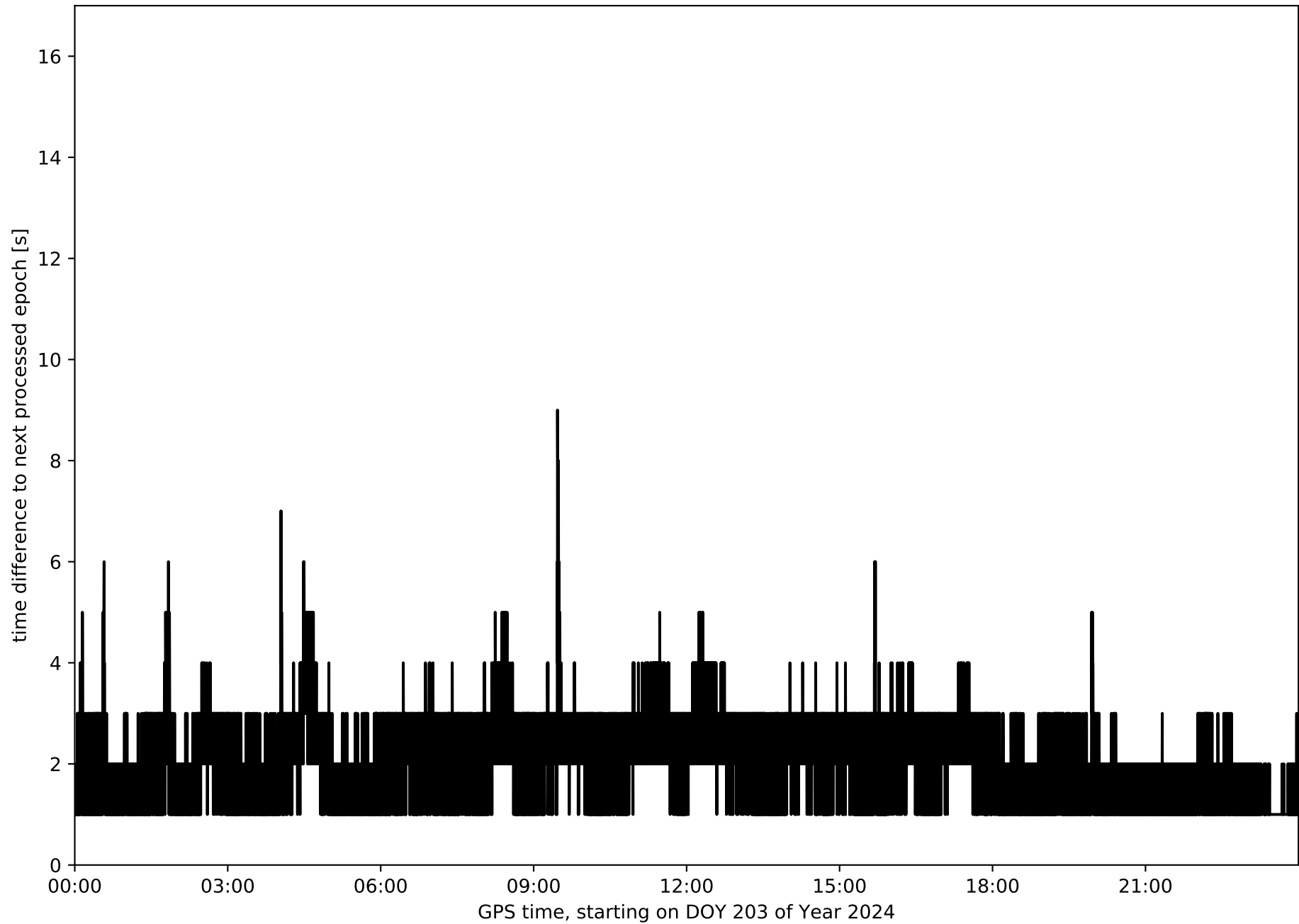
average fixing percentage with threshold set to 0.3: 91.7 percent

stations available: 17 of 17

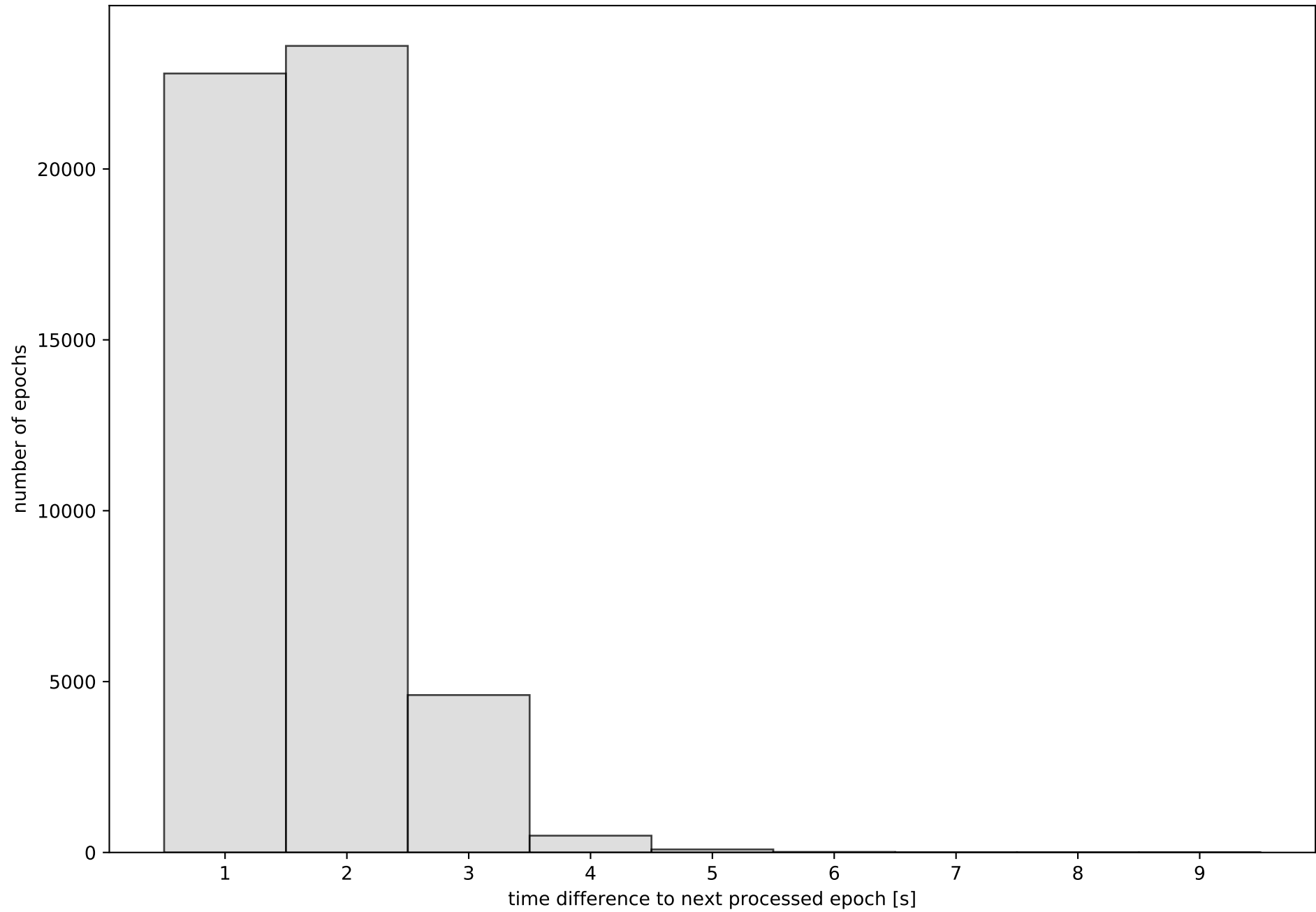
station information:

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

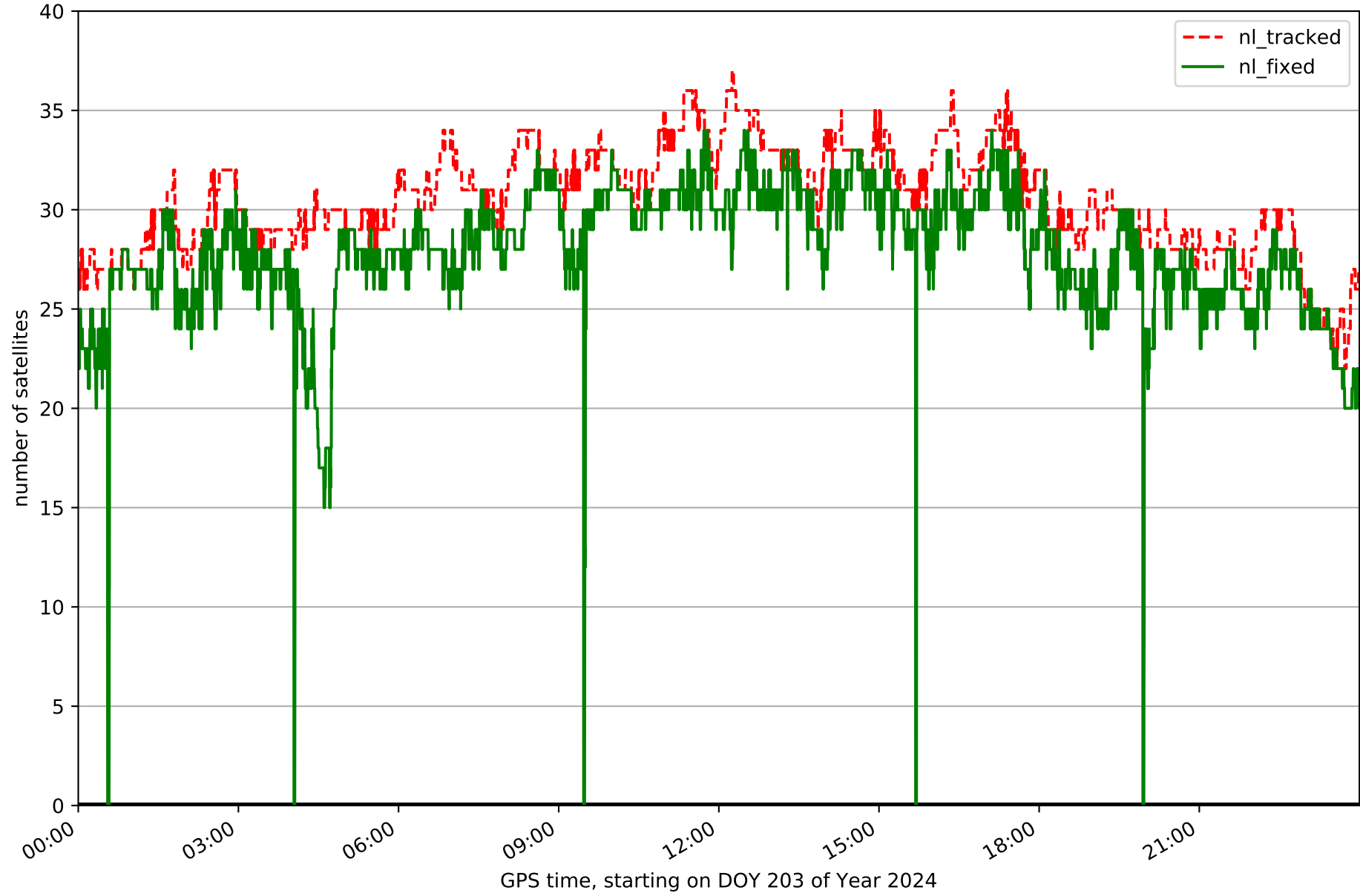
Processing rate in network NET9



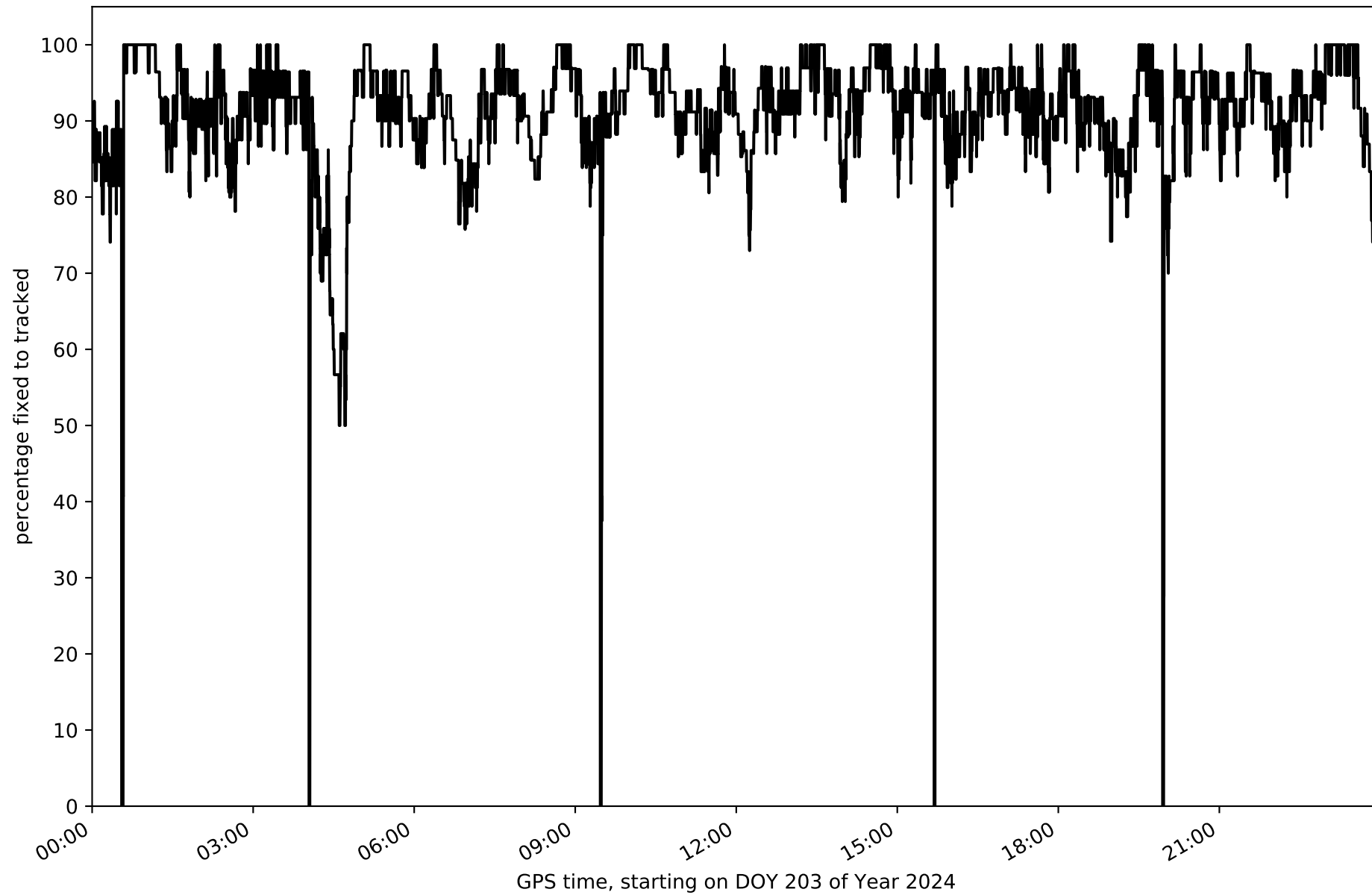
Histogram of the processing rate in network NET9 (durations larger 15 seconds neglected)



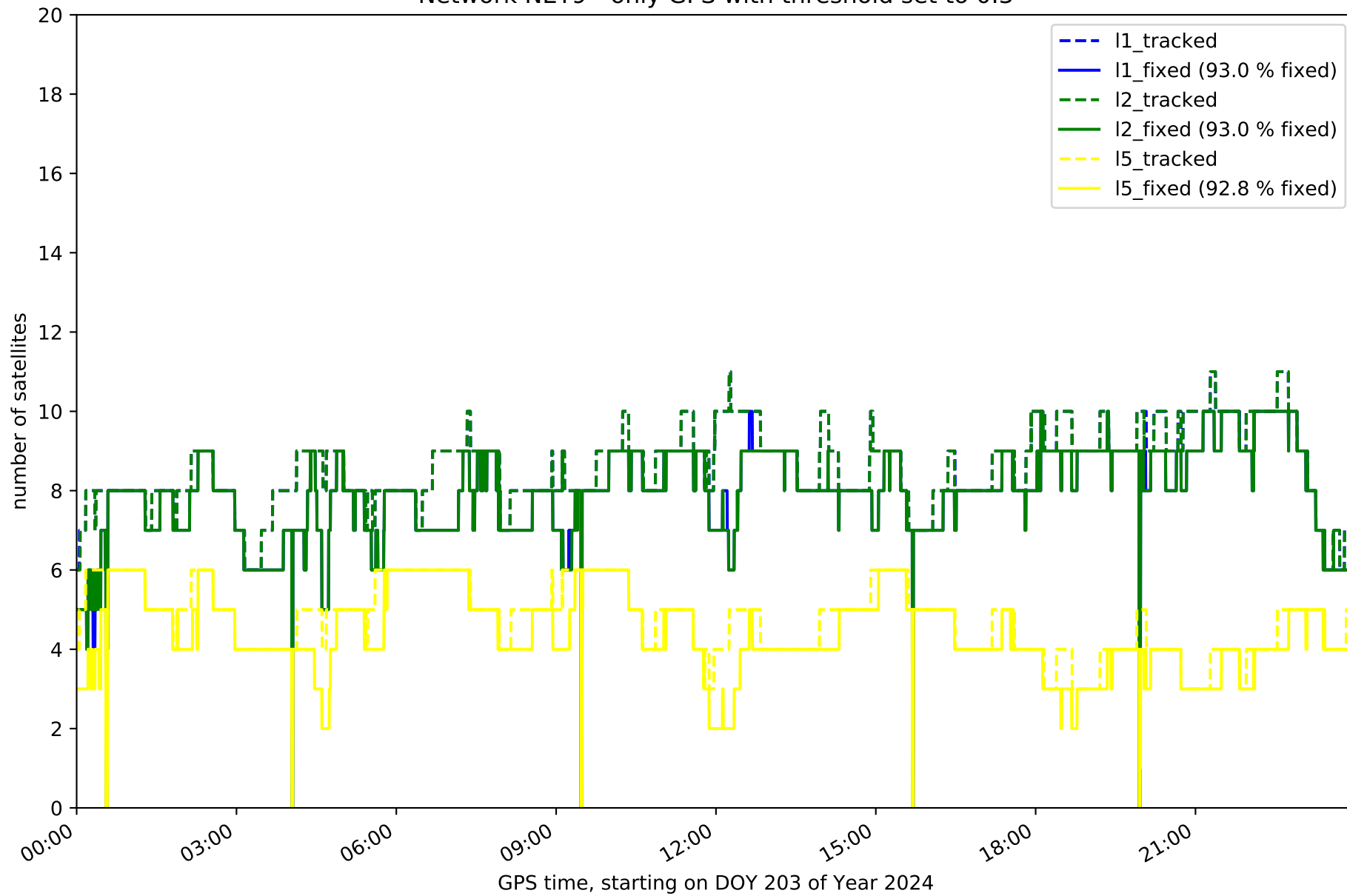
Network NET9 with threshold set to 0.3



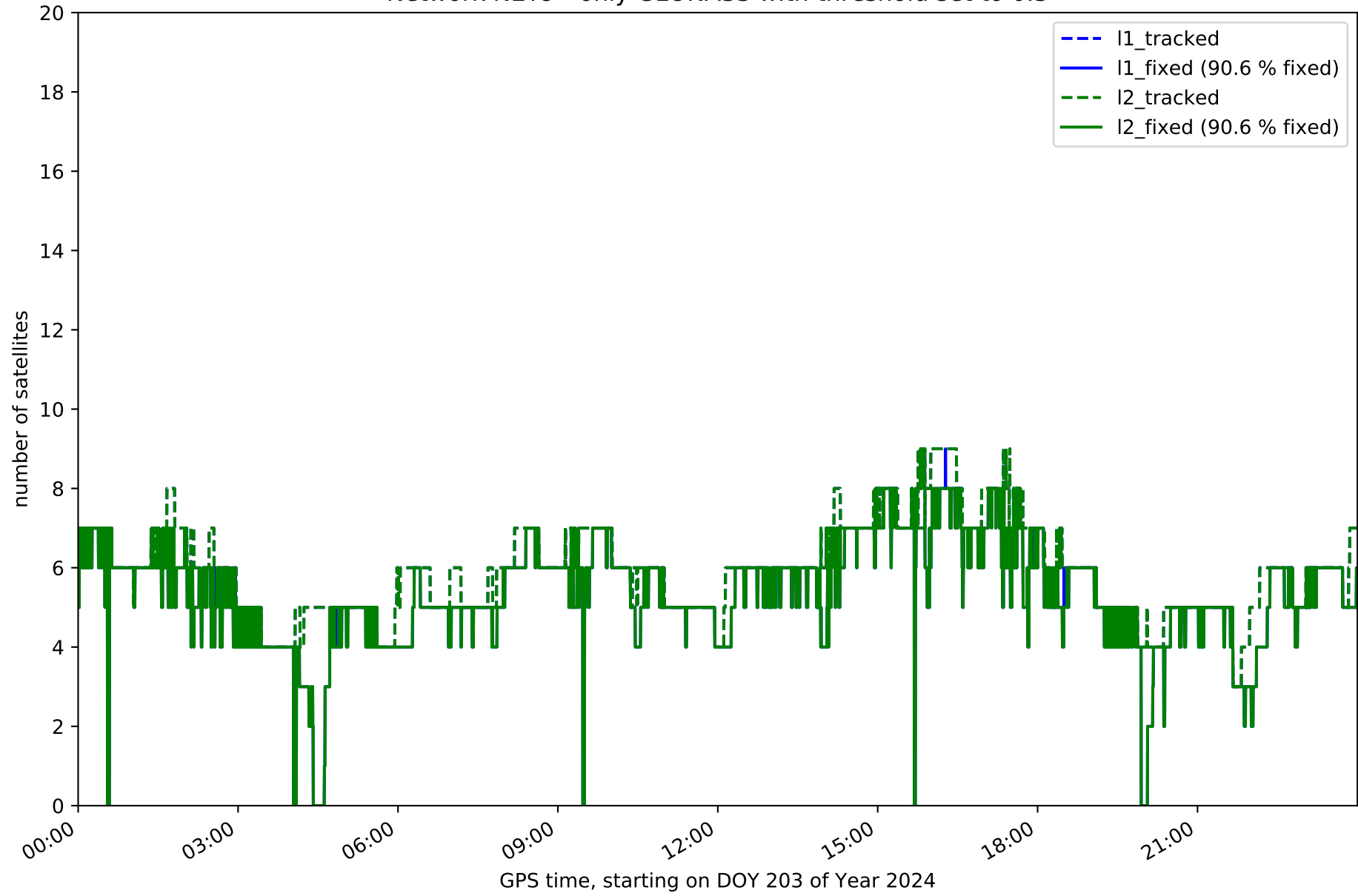
Fixing percentage of satellites in network NET9 with threshold set to 0.3



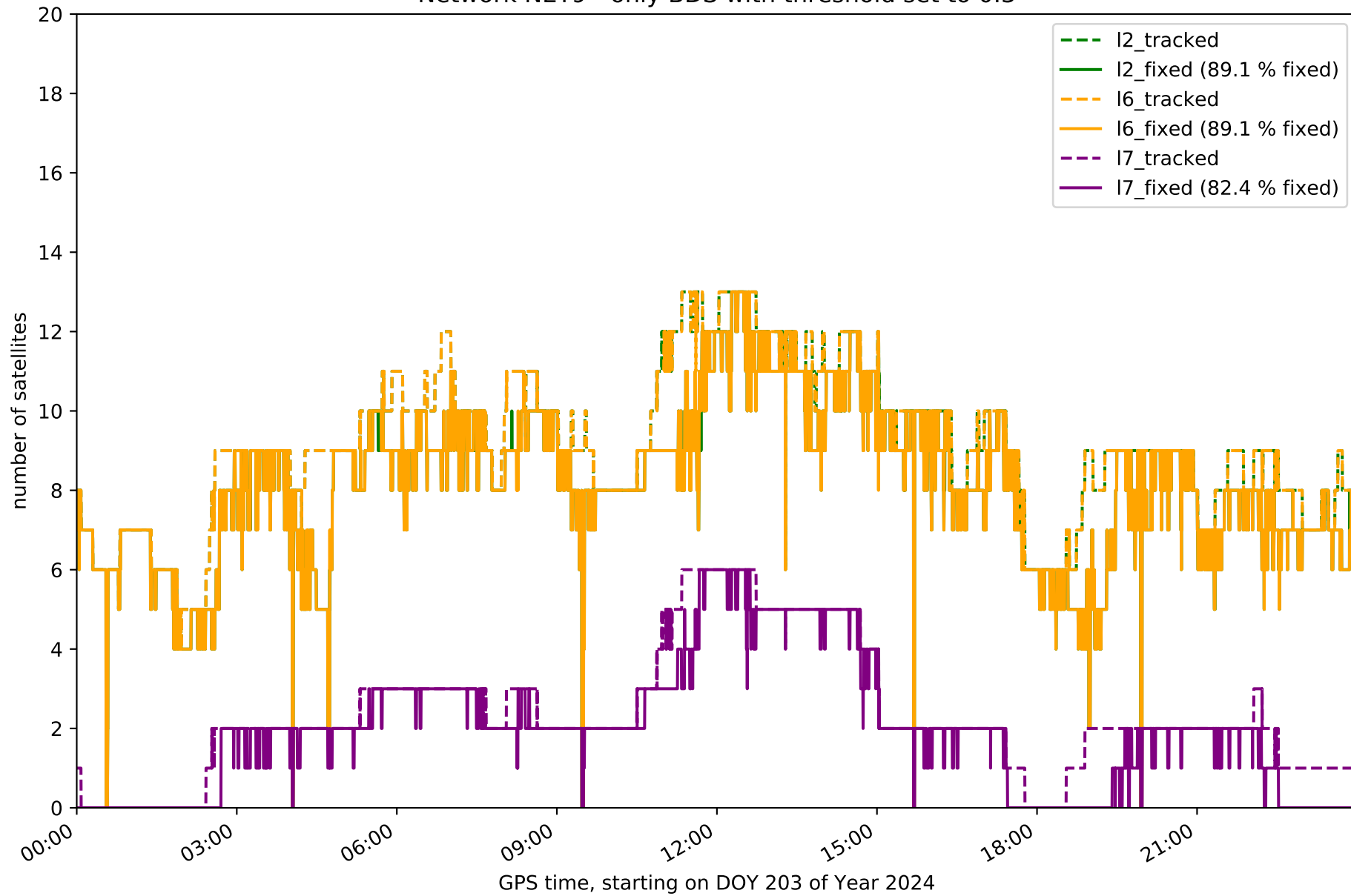
Network NET9 - only GPS with threshold set to 0.3



Network NET9 - only GLONASS with threshold set to 0.3

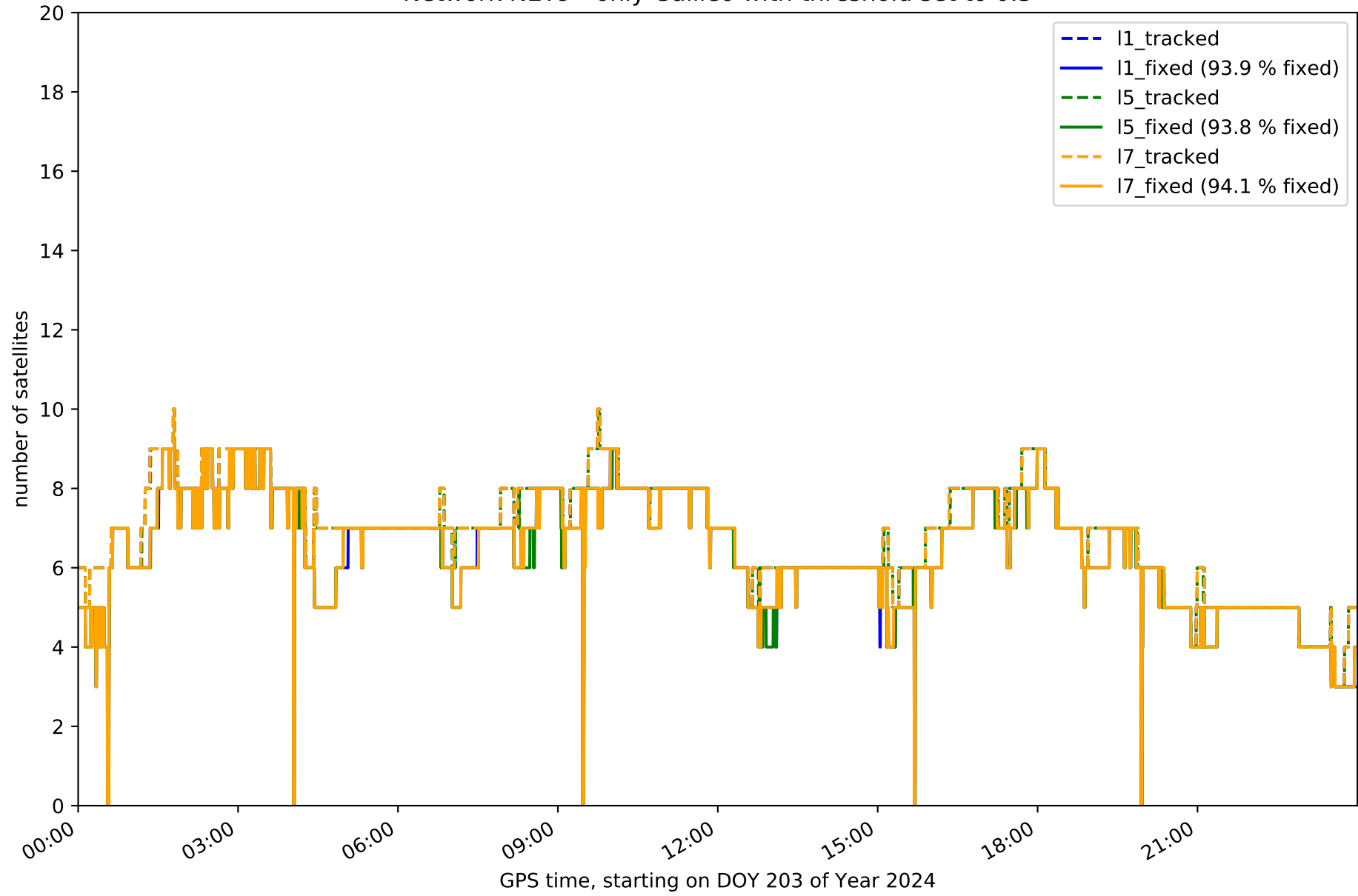


Network NET9 - only BDS with threshold set to 0.3

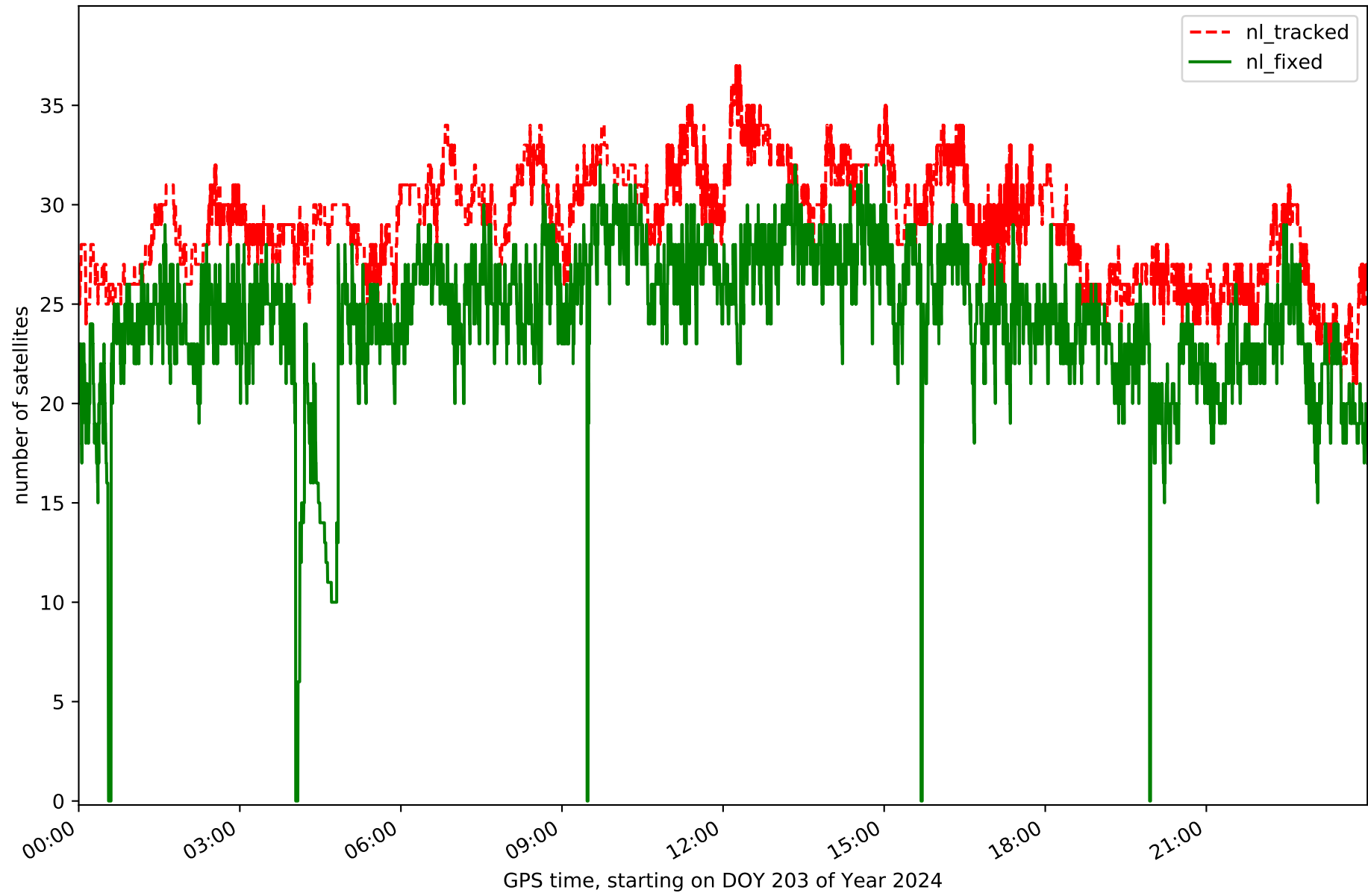




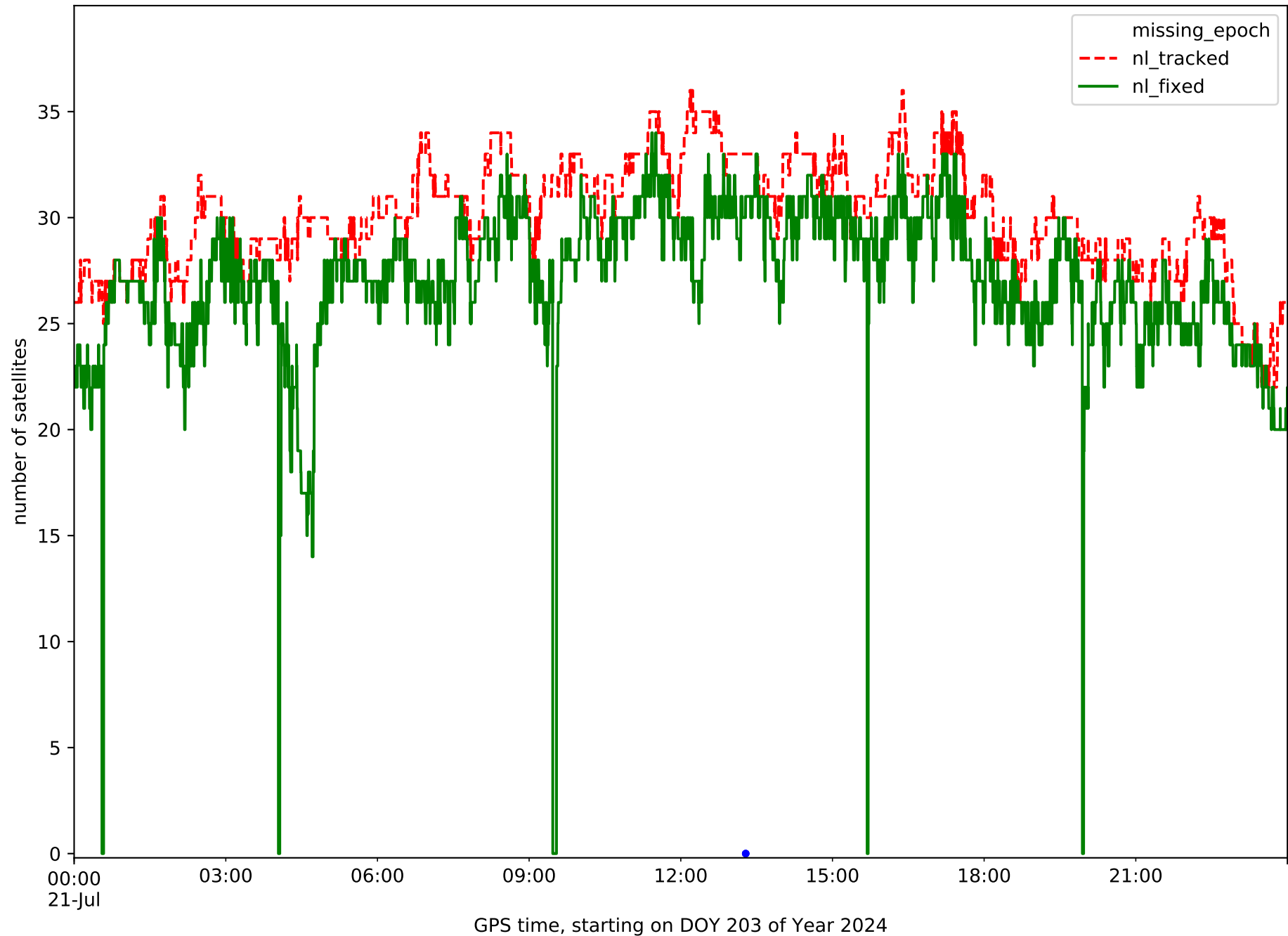
Network NET9 - only Galileo with threshold set to 0.3



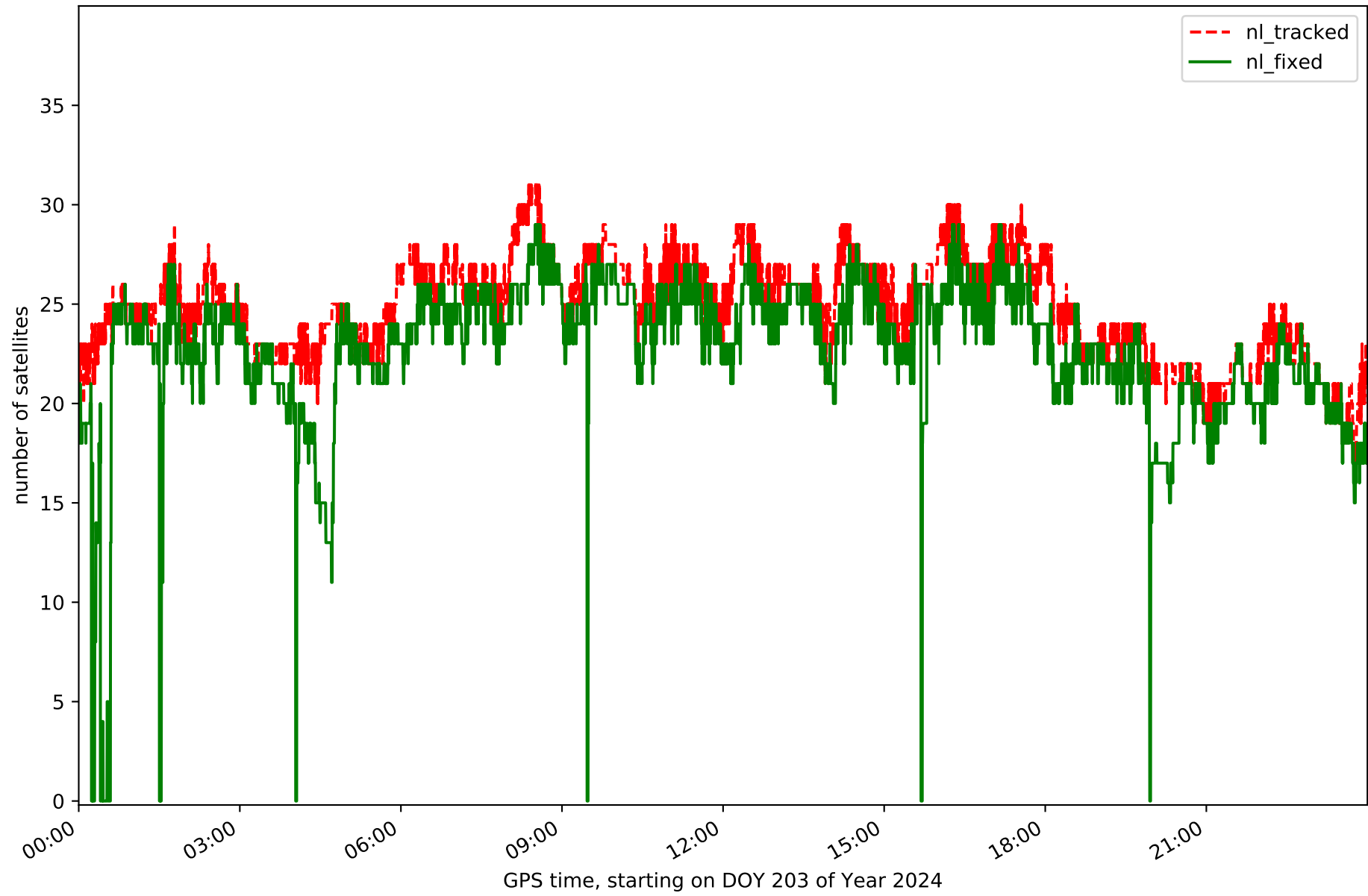
Station ARIB in network NET9



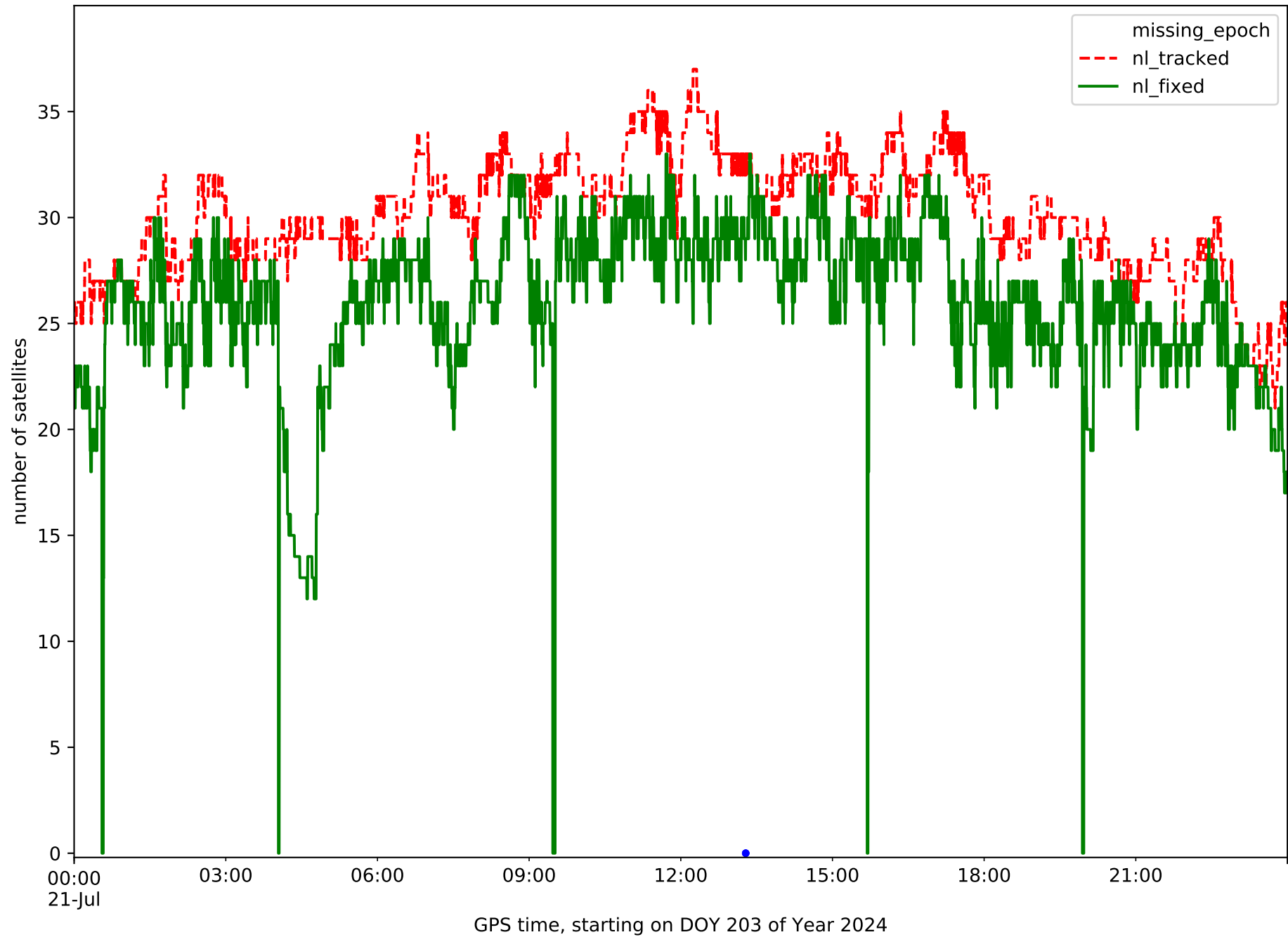
Station BINE in network NET9



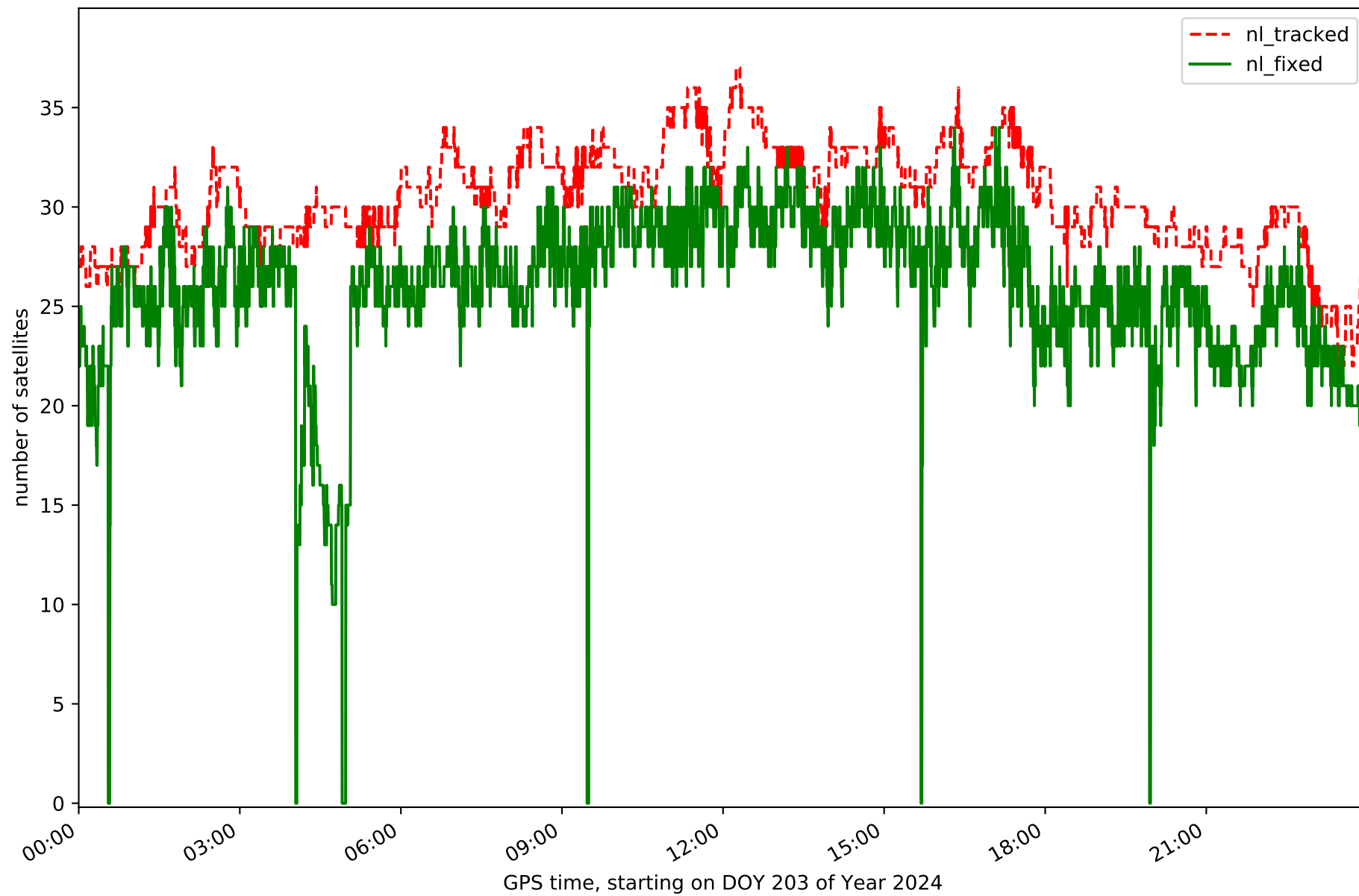
Station BLGU in network NET9



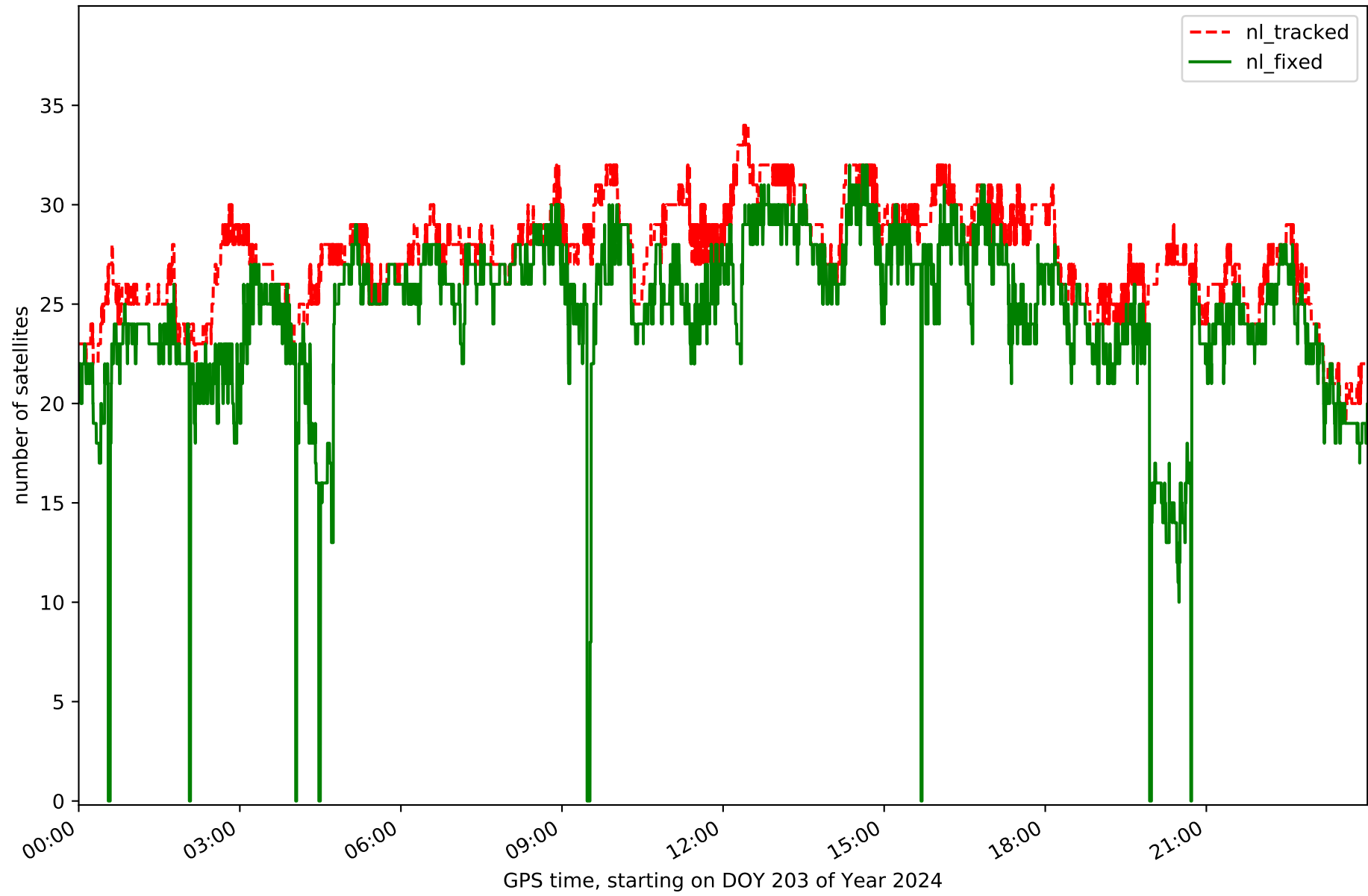
Station BRJA in network NET9



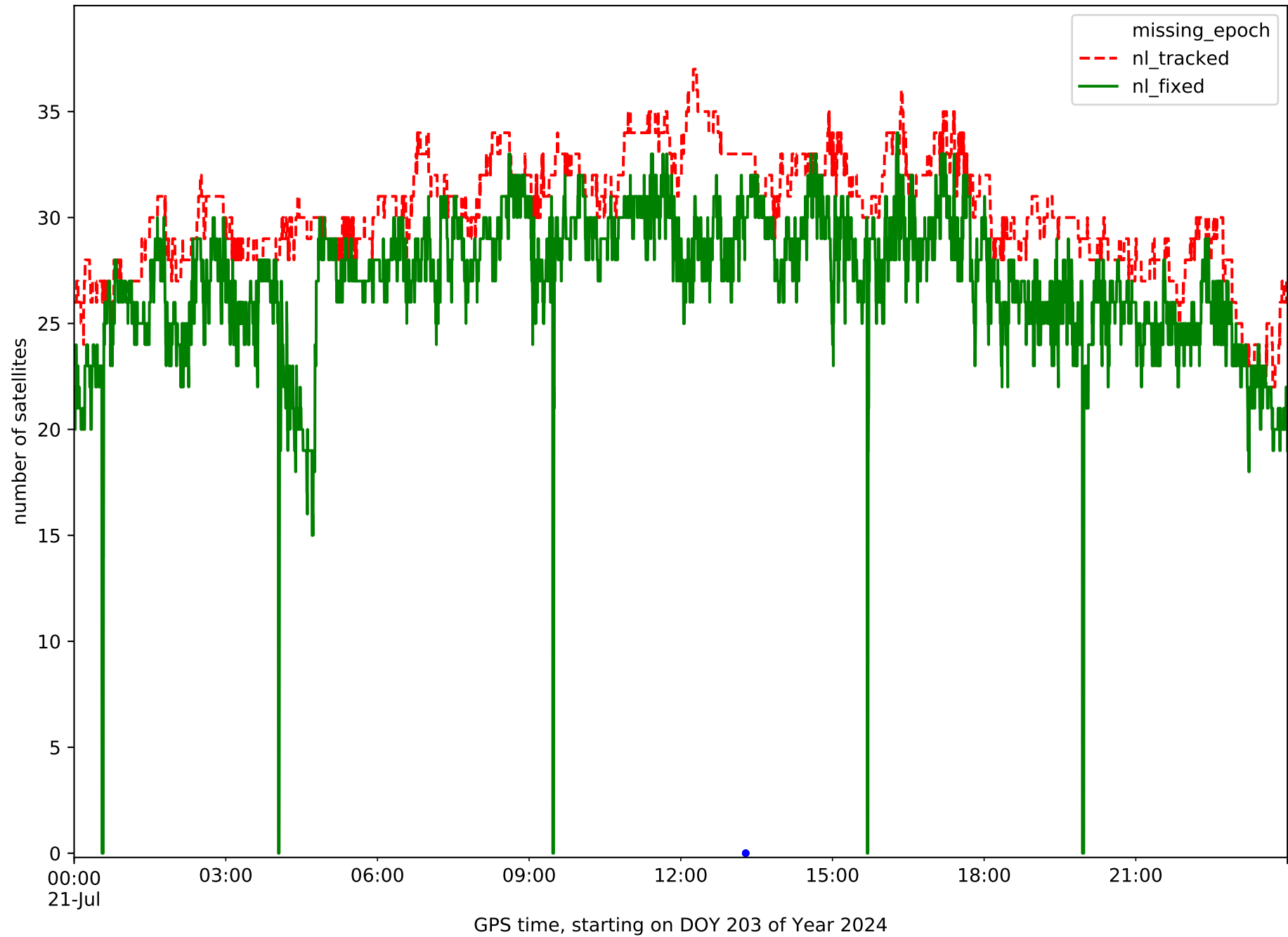
Station CARC in network NET9



Station CSOS in network NET9

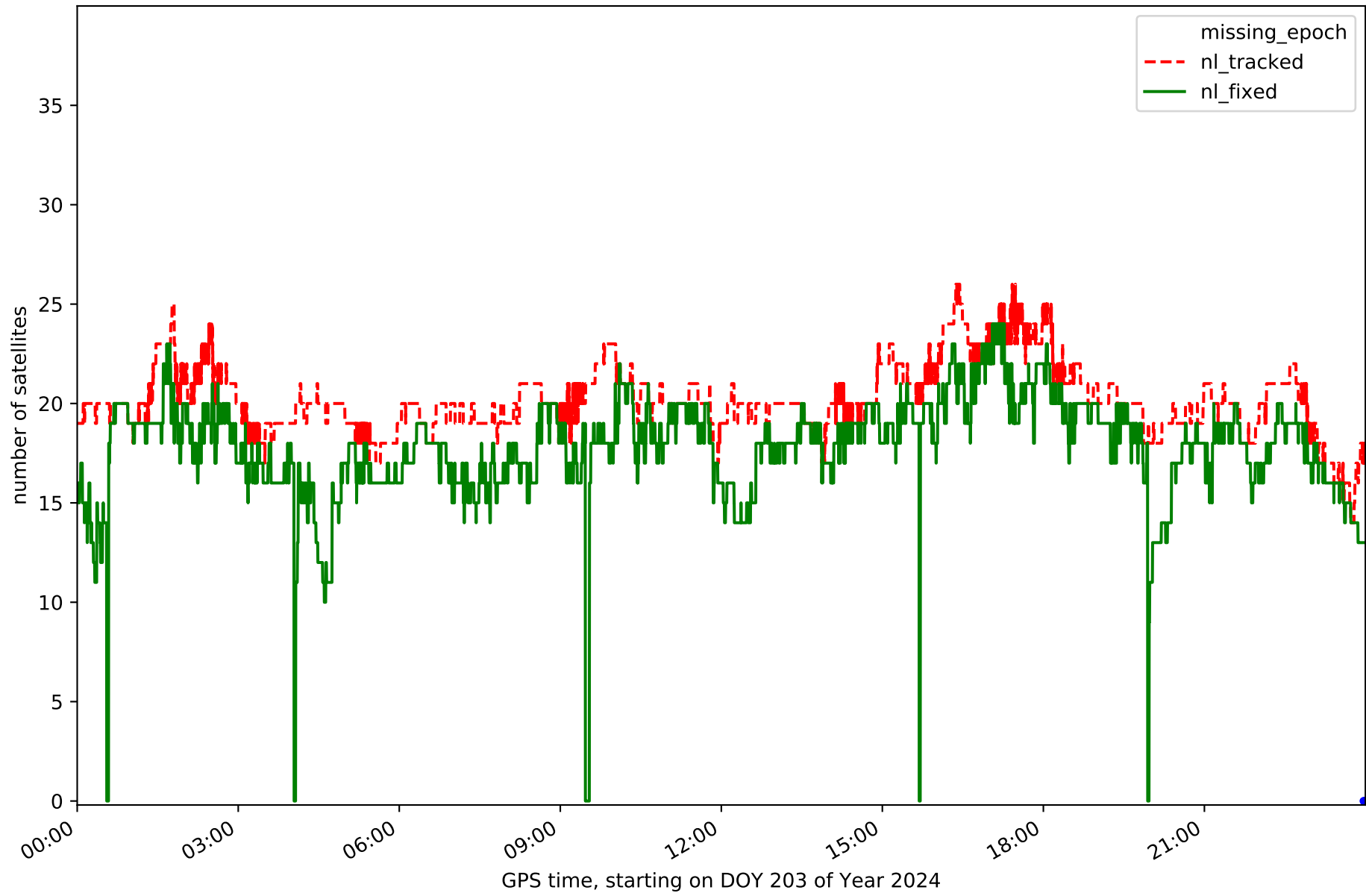


Station EJEA in network NET9

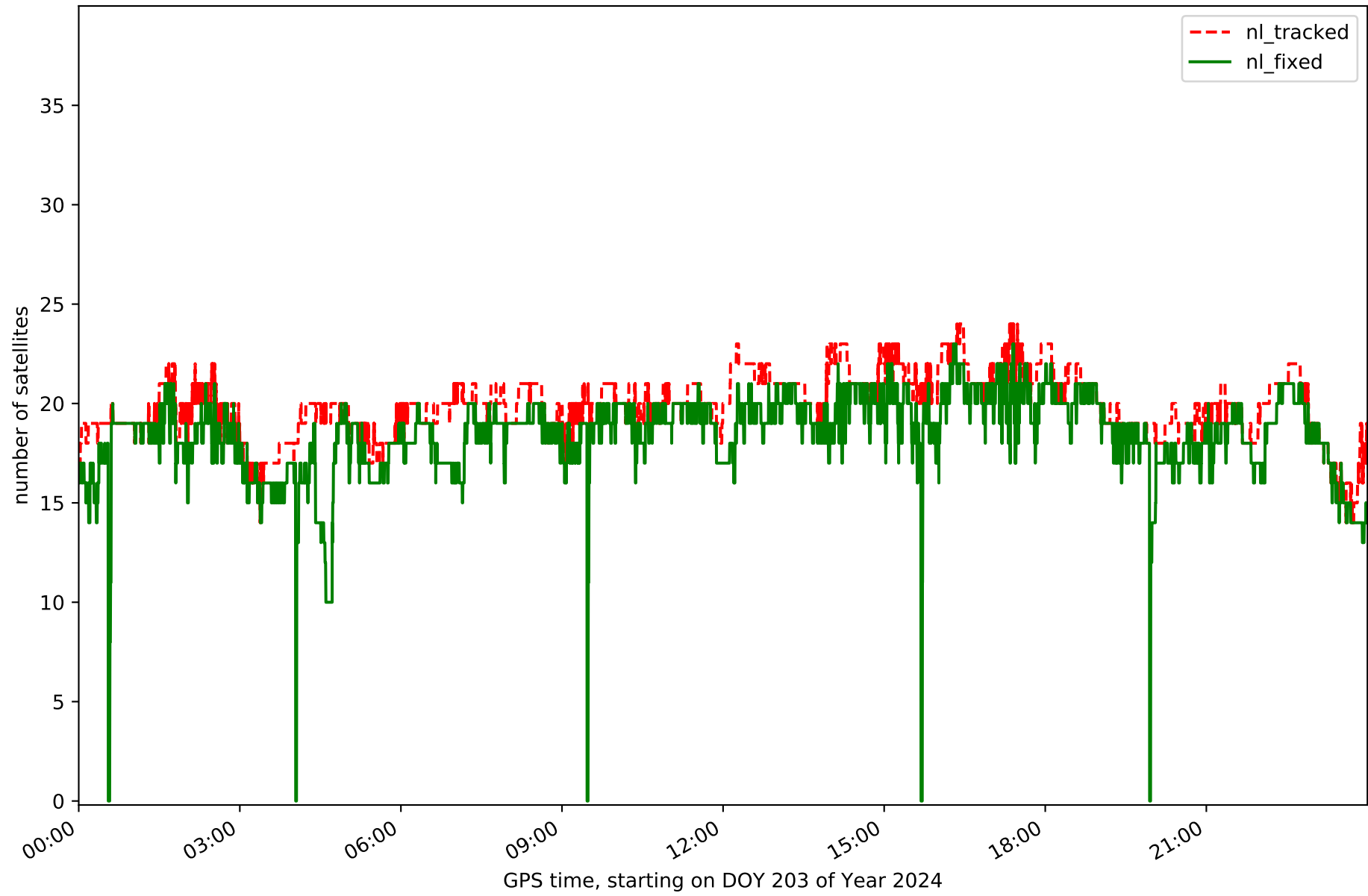




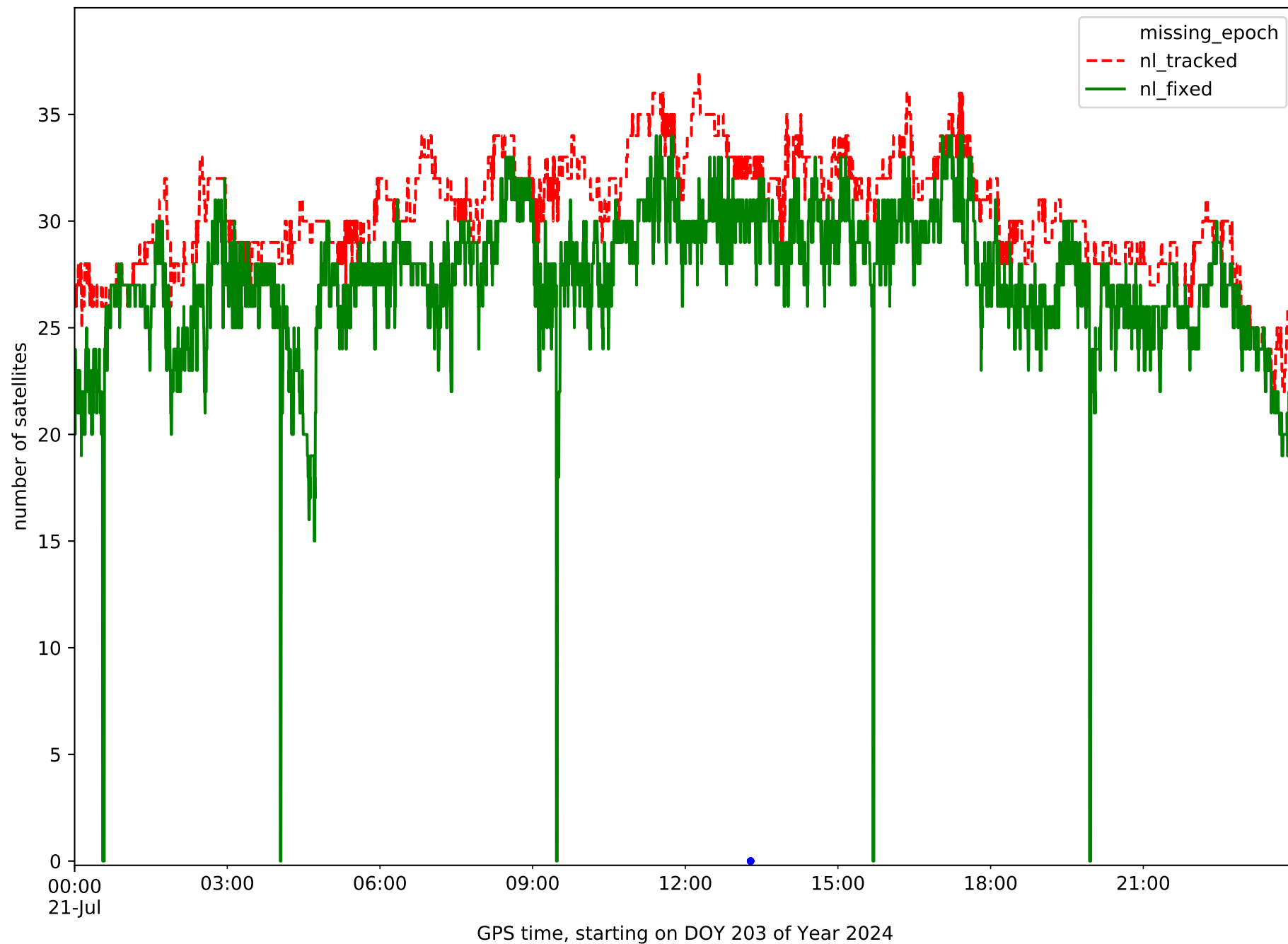
Station FRAG in network NET9



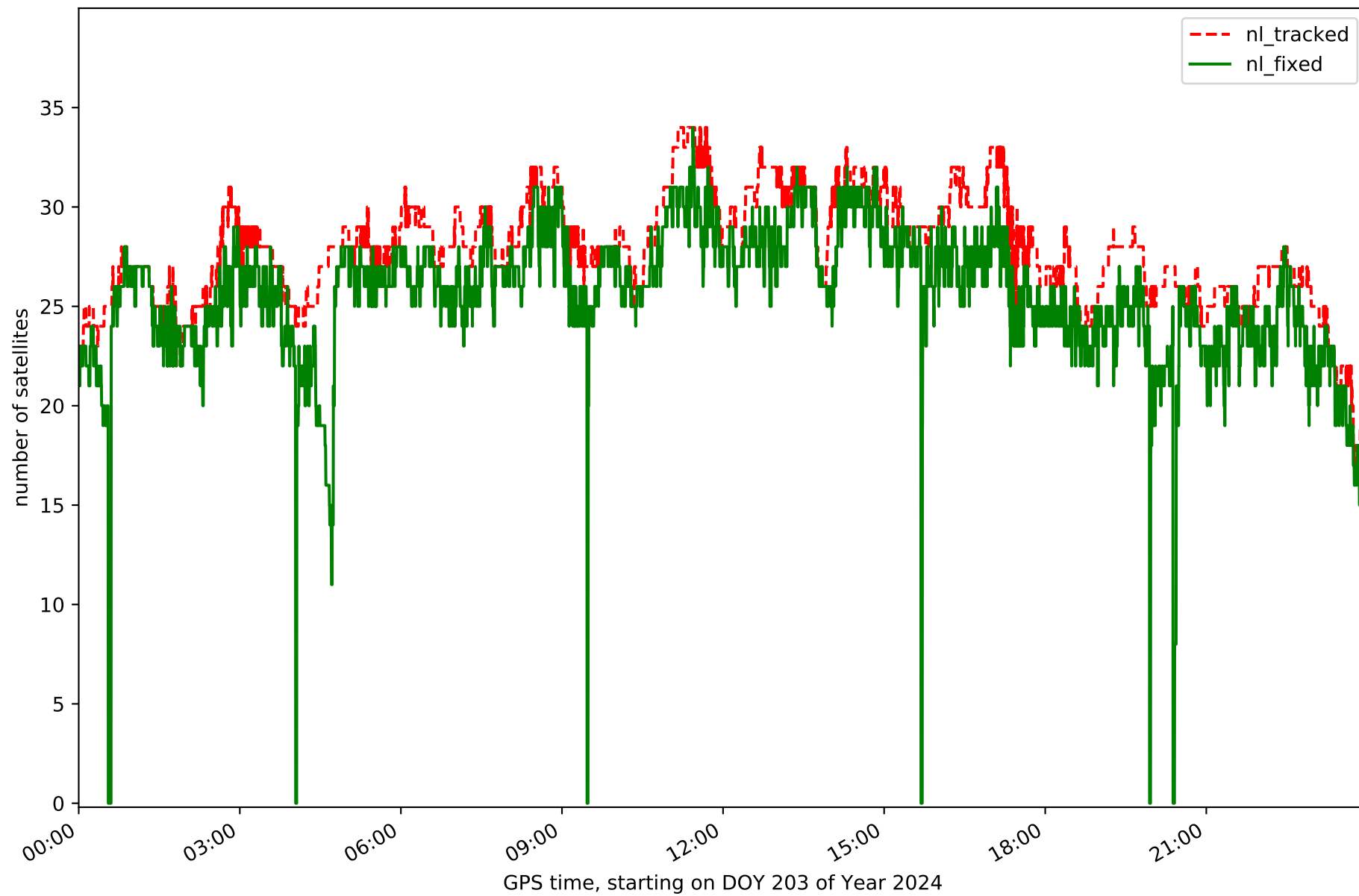
Station JACA in network NET9



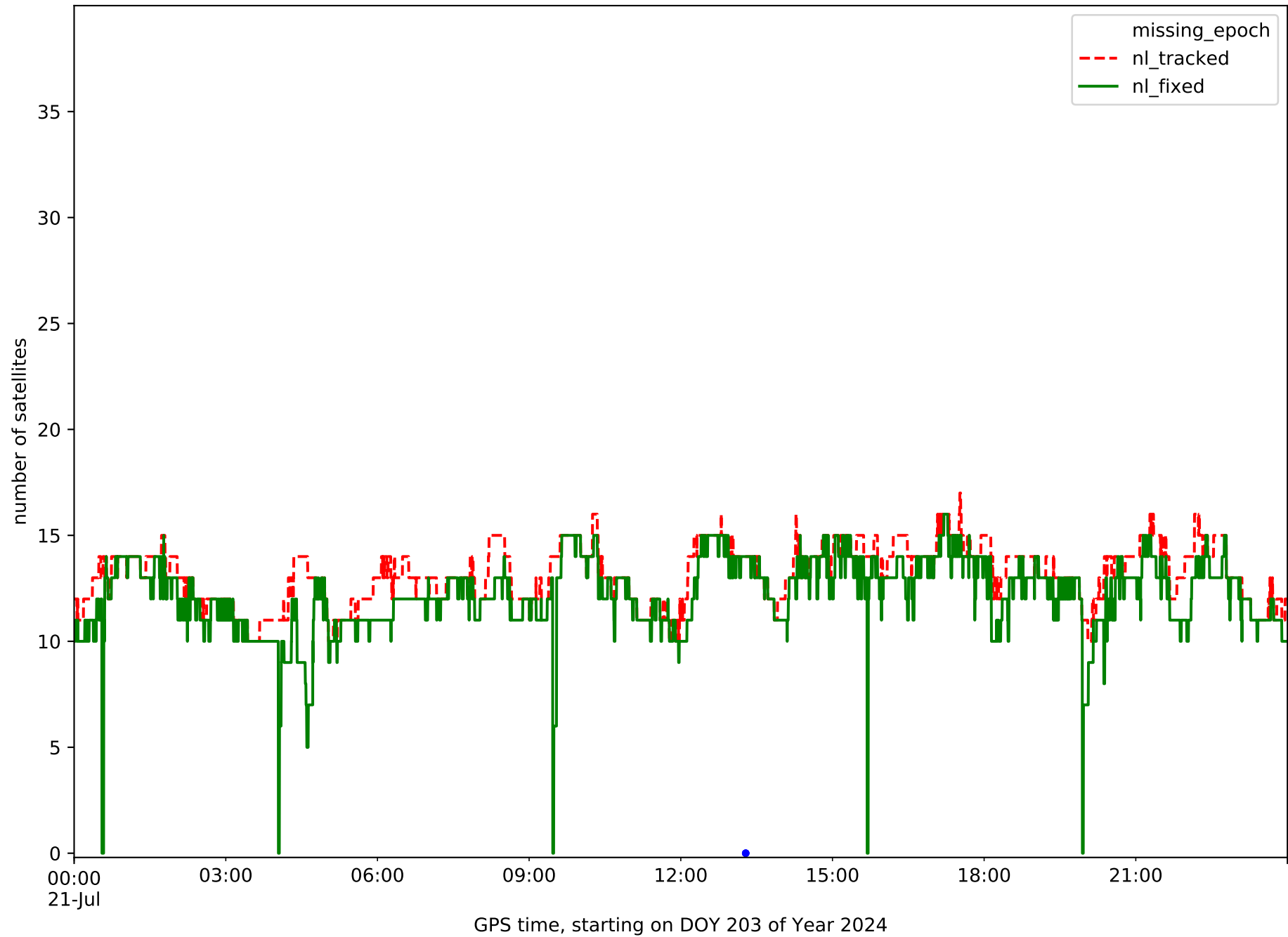
### Station OSCA in network NET9



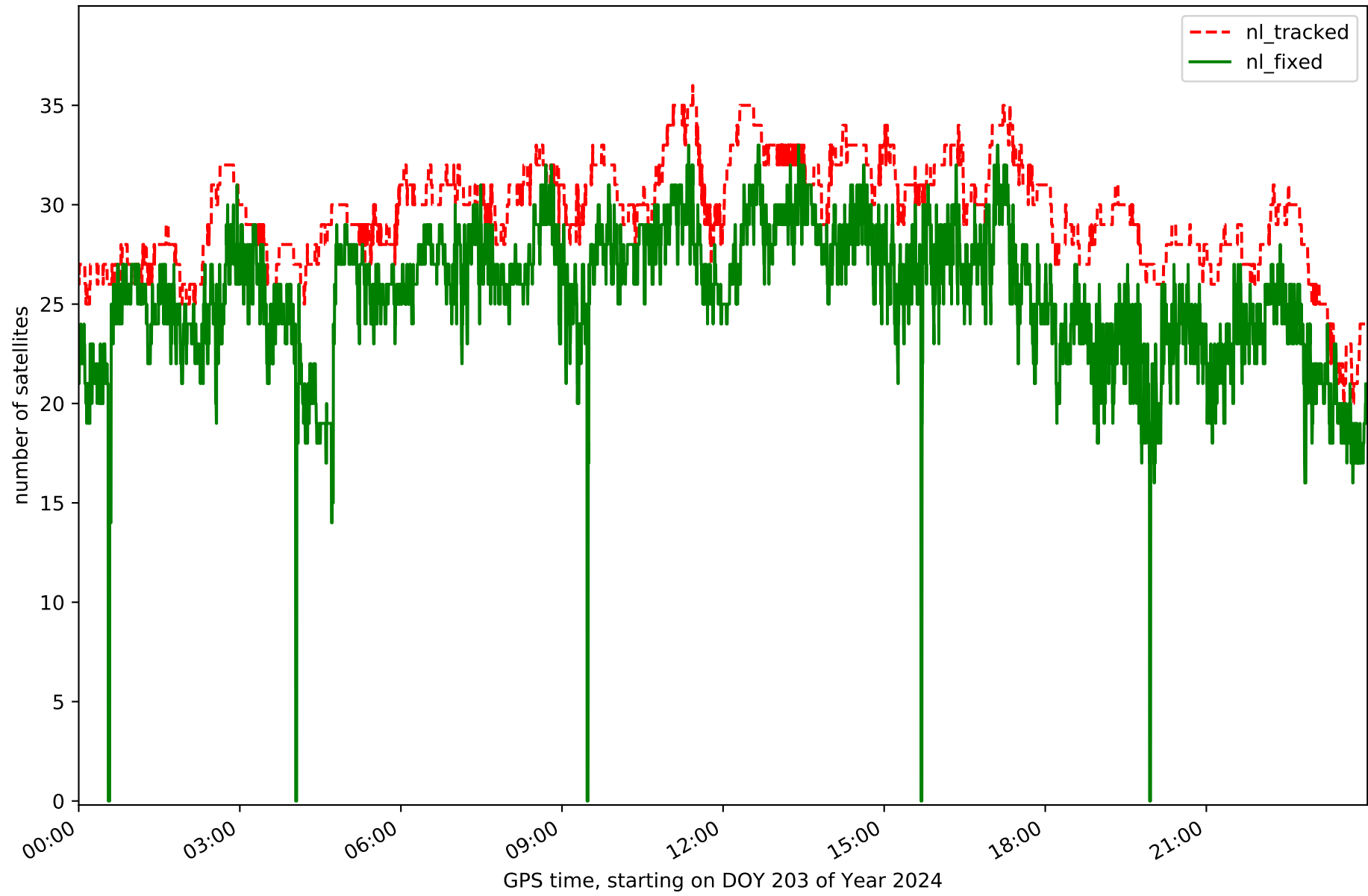
Station RONL in network NET9



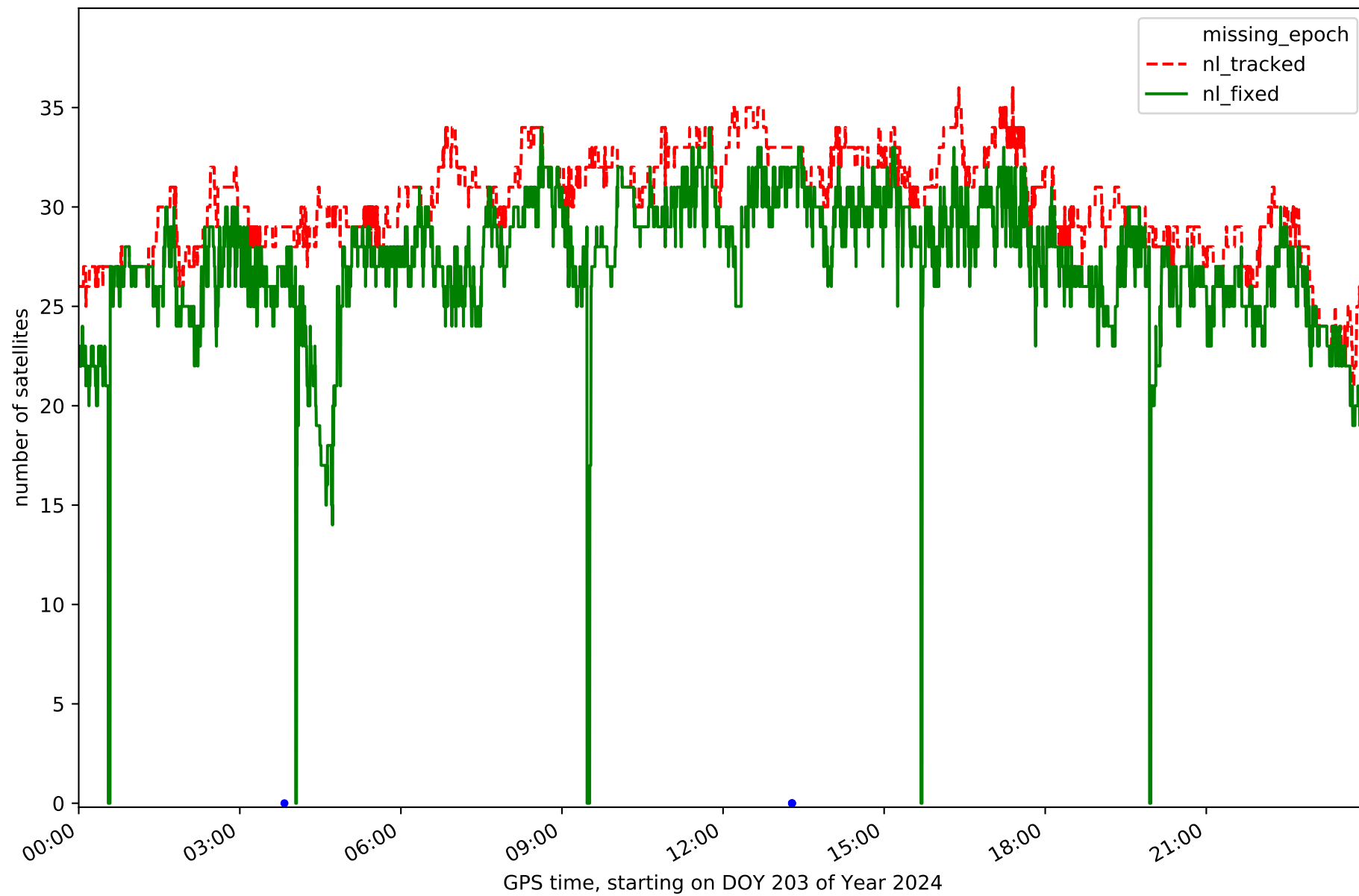
# Station SABI in network NET9



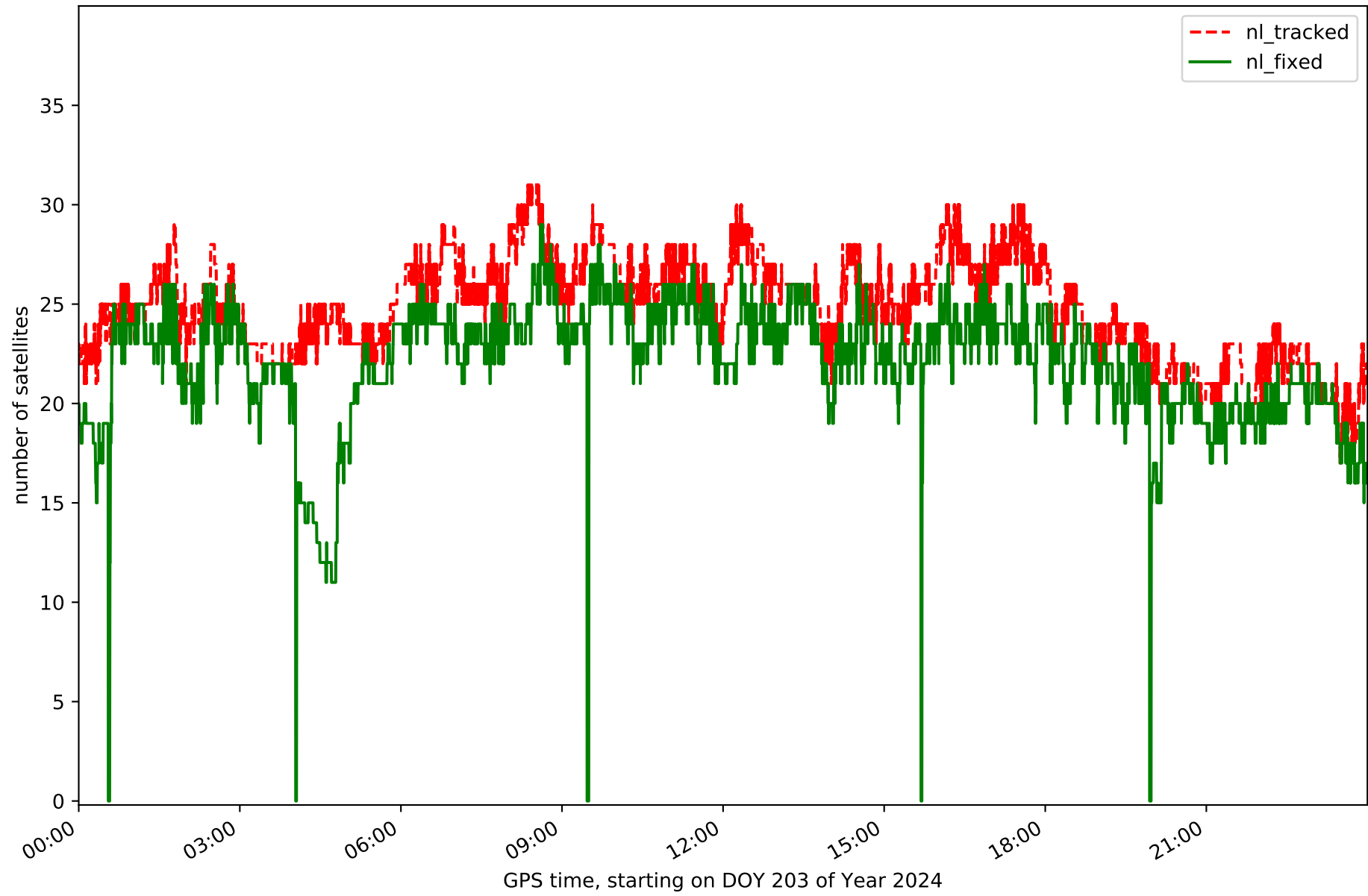
Station SANS in network NET9



Station SRNA in network NET9

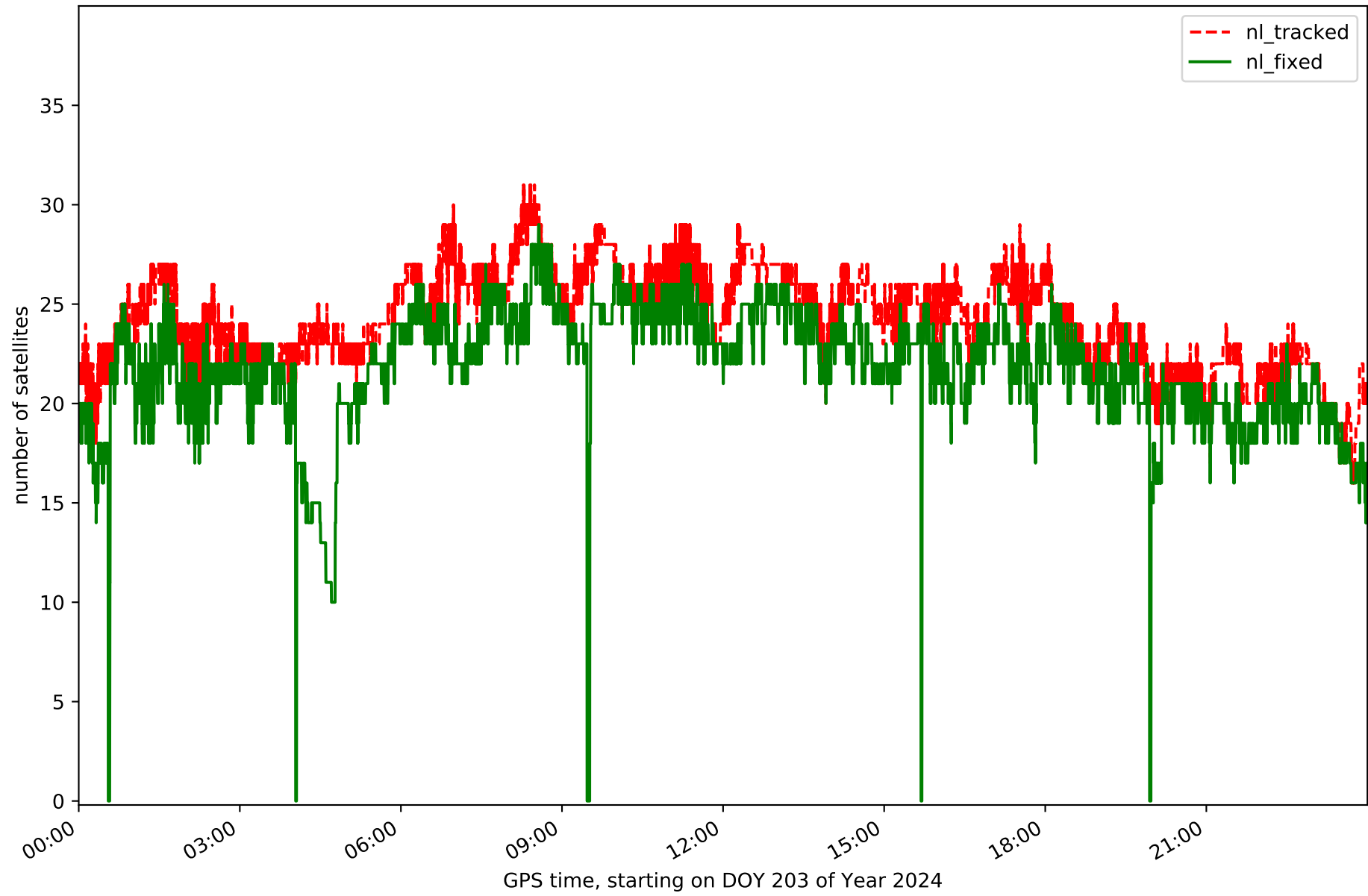


Station TUD1 in network NET9

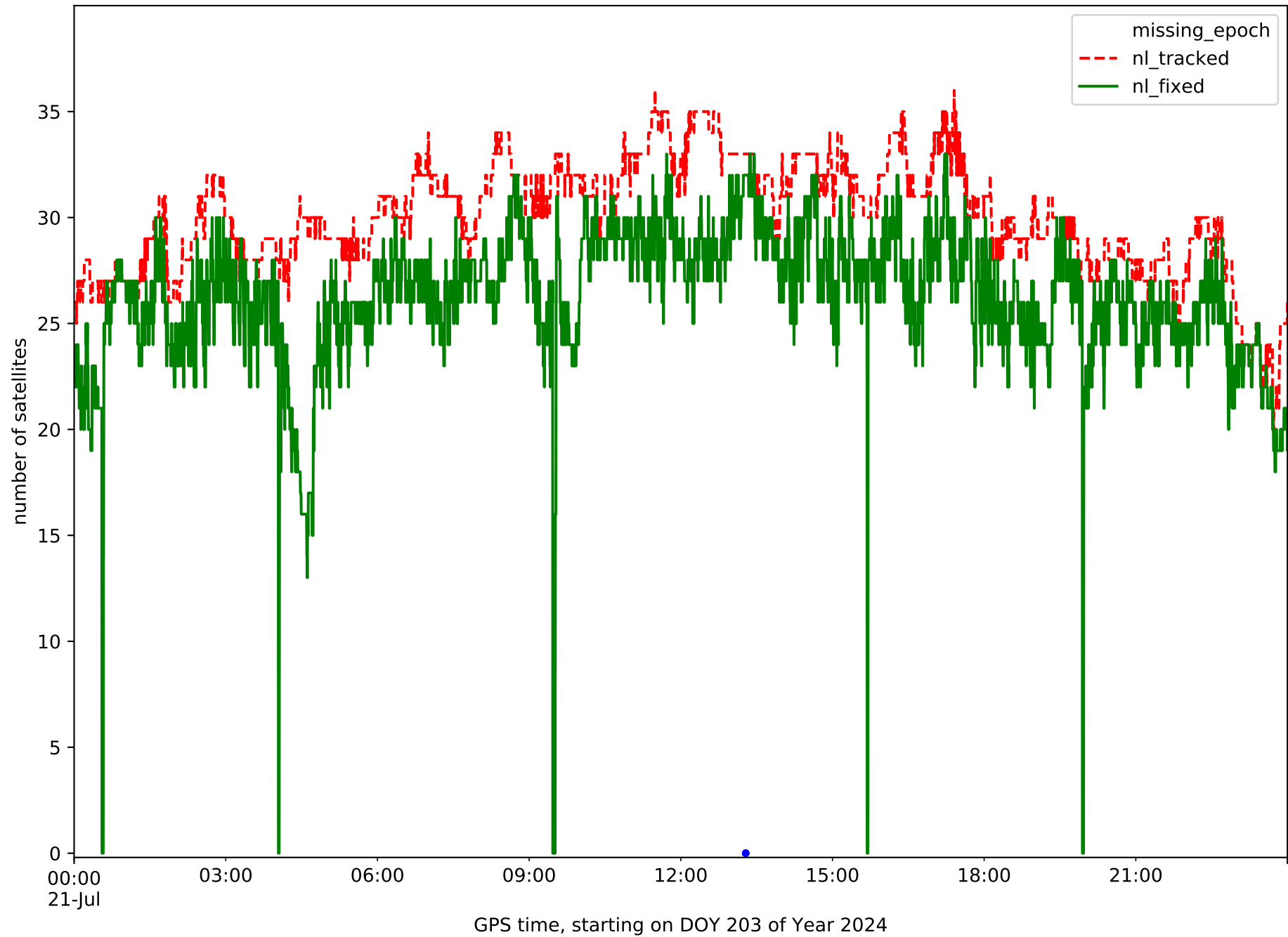




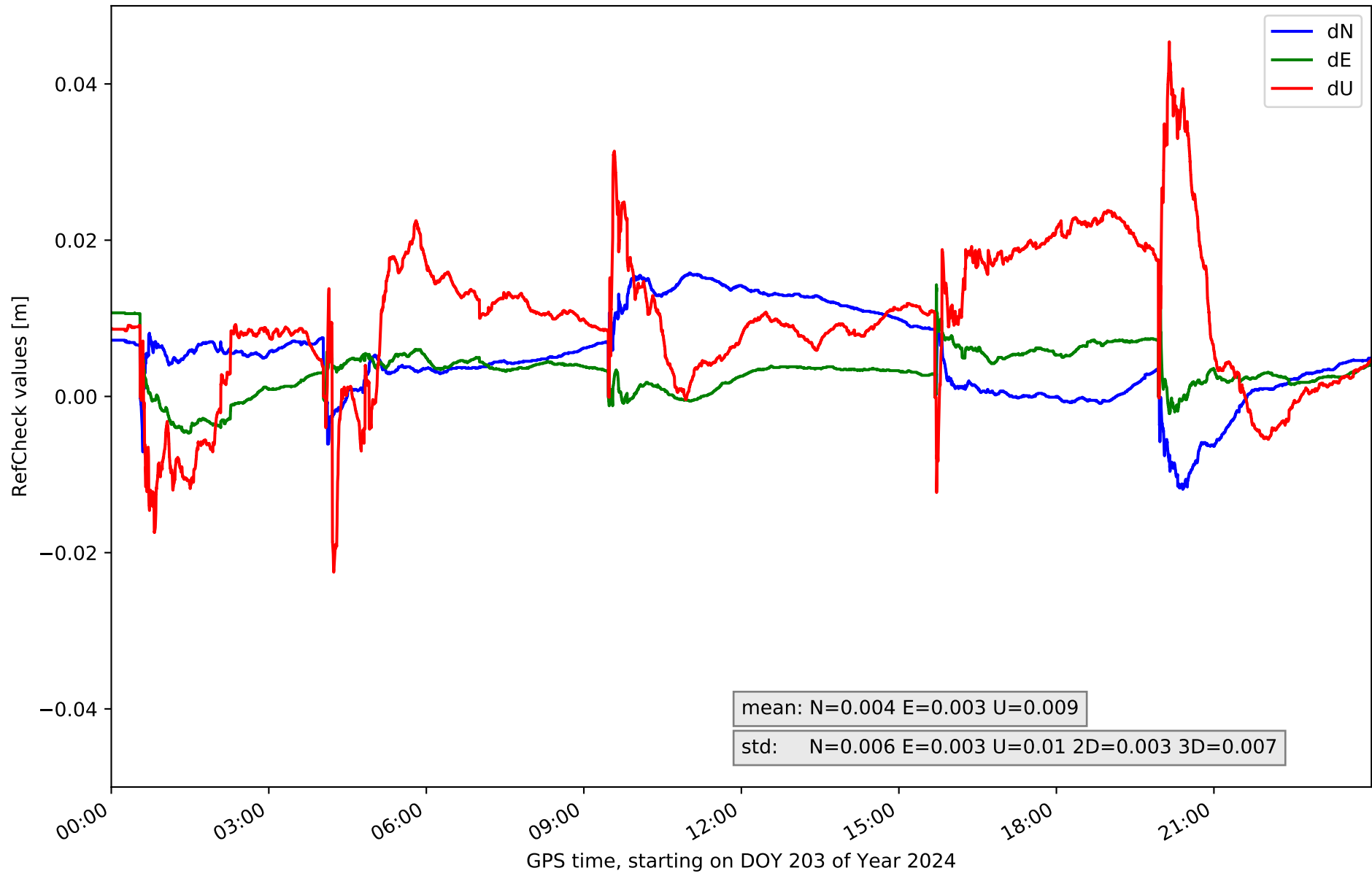
Station ZARA in network NET9



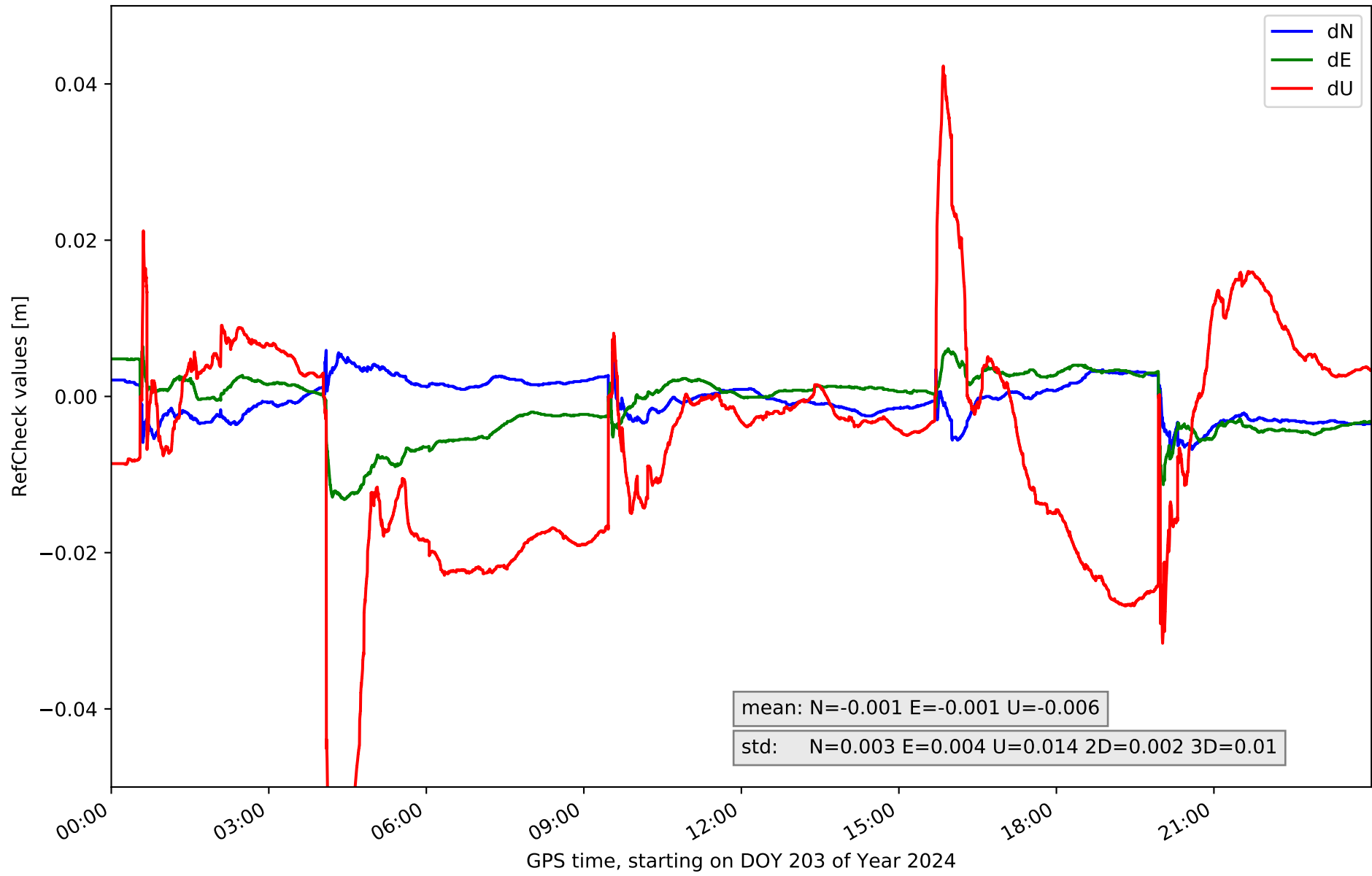
Station ZUER in network NET9



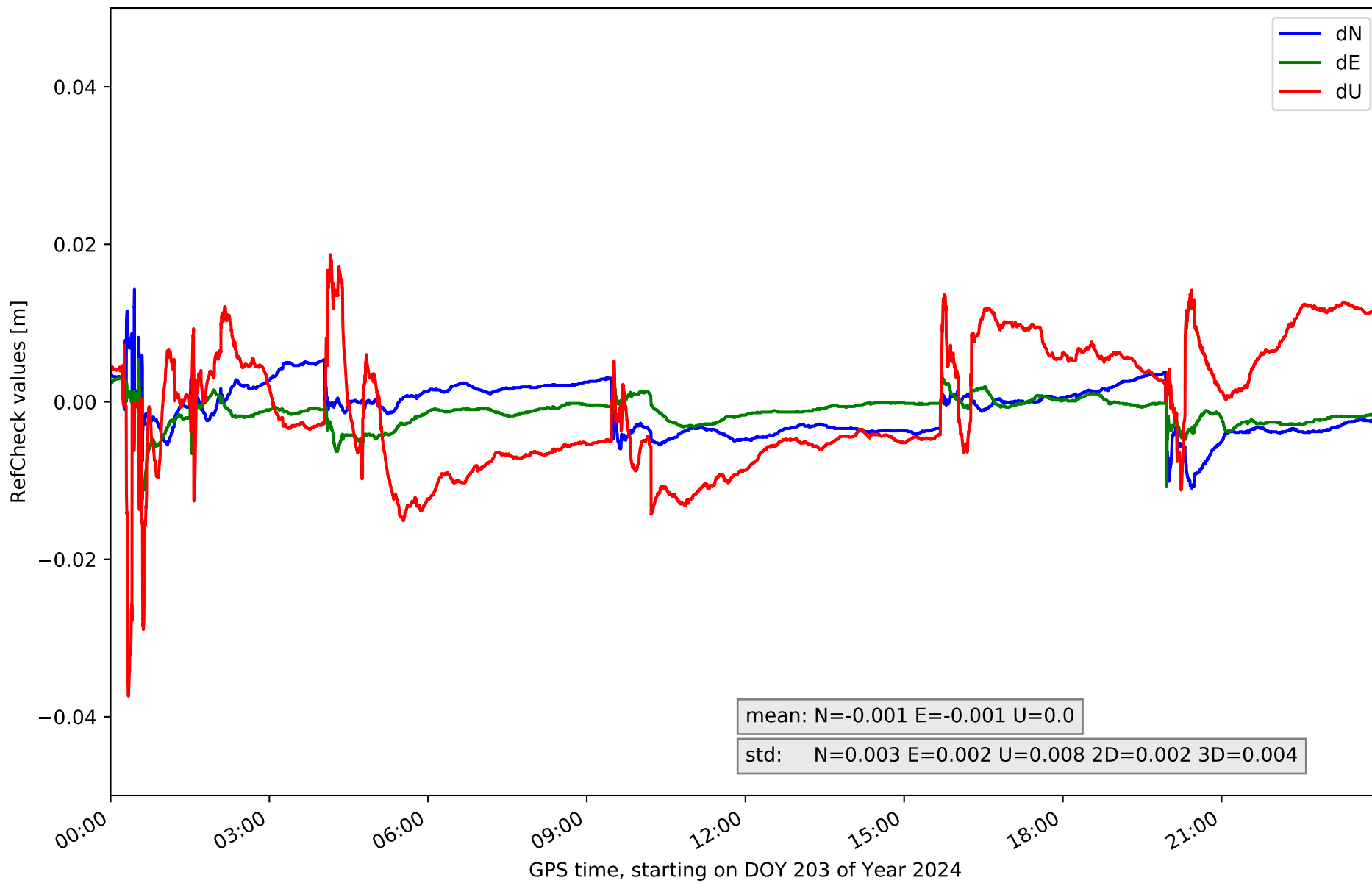
# RefCheck for station ARIB in network NET9



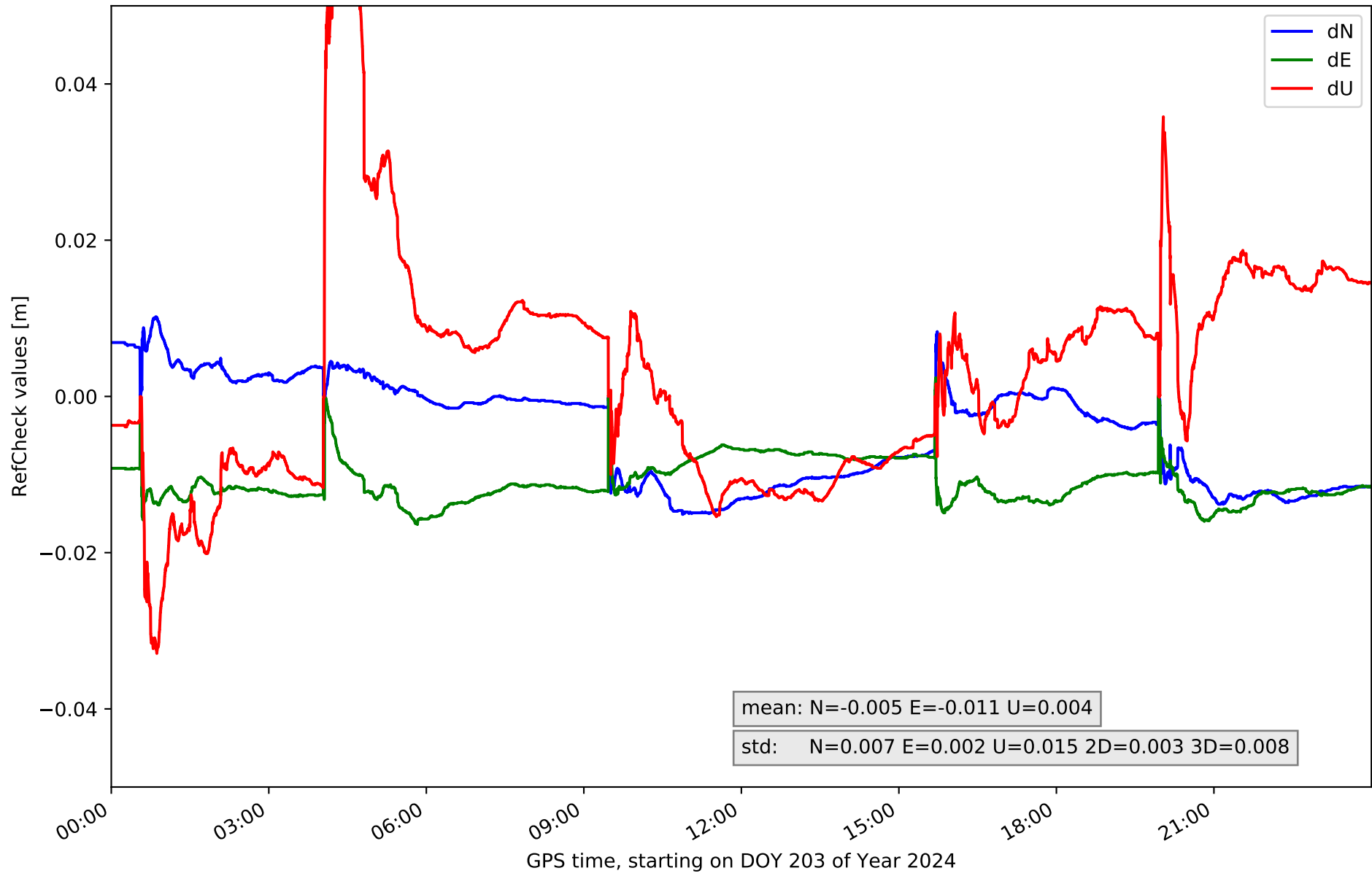
# RefCheck for station BINE in network NET9



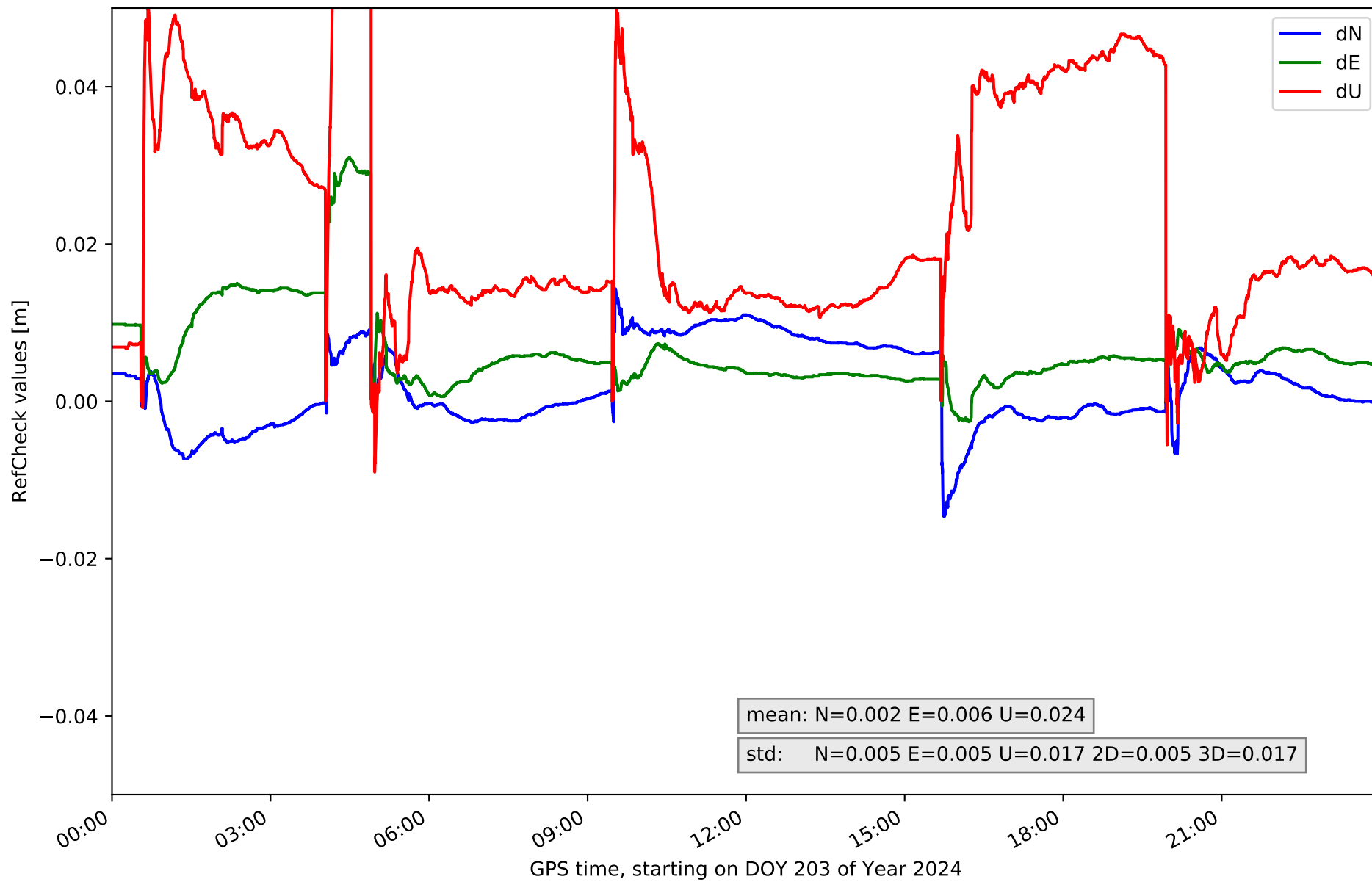
### RefCheck for station BLGU in network NET9



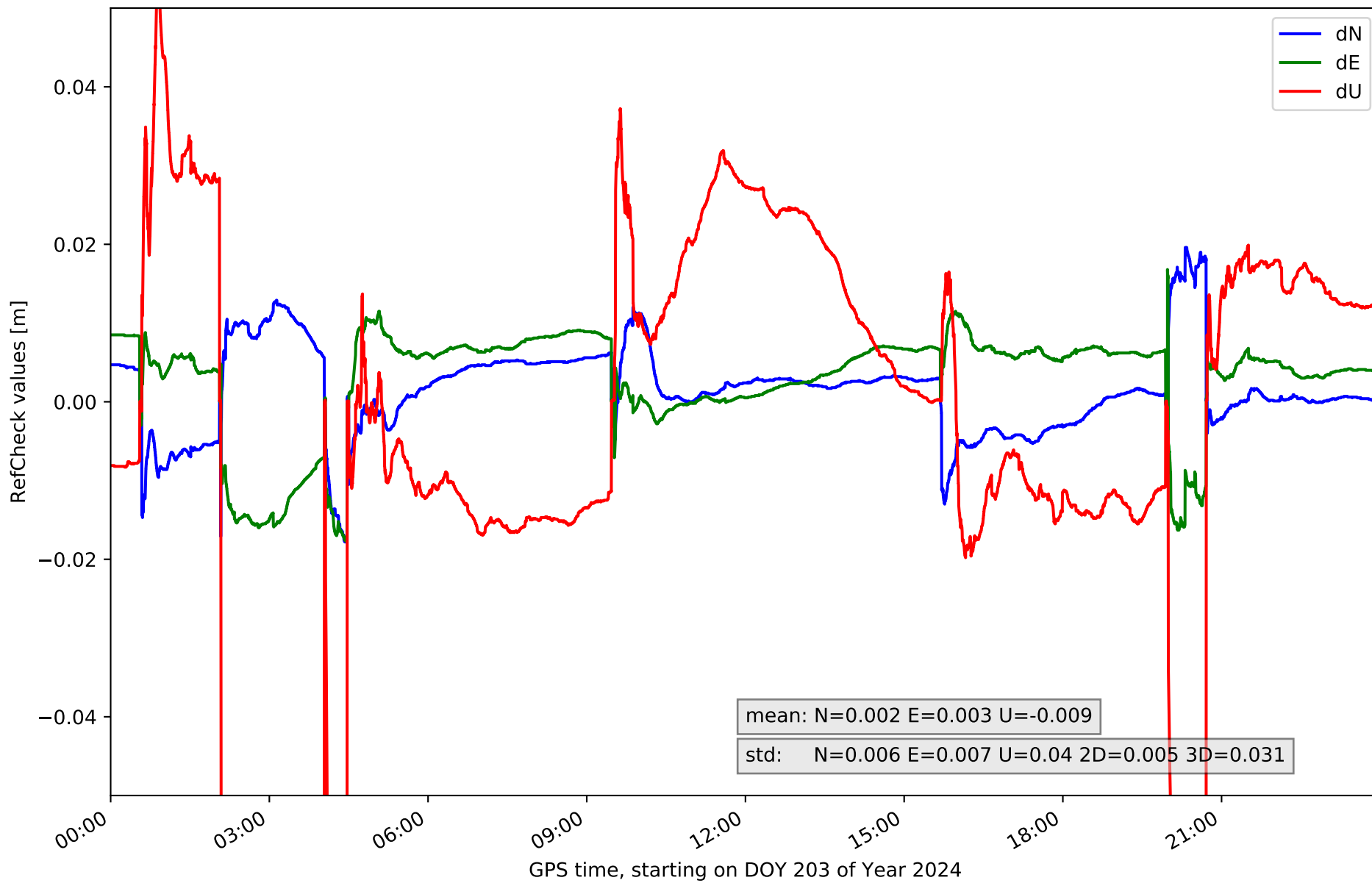
# RefCheck for station BRJA in network NET9



RefCheck for station CARC in network NET9

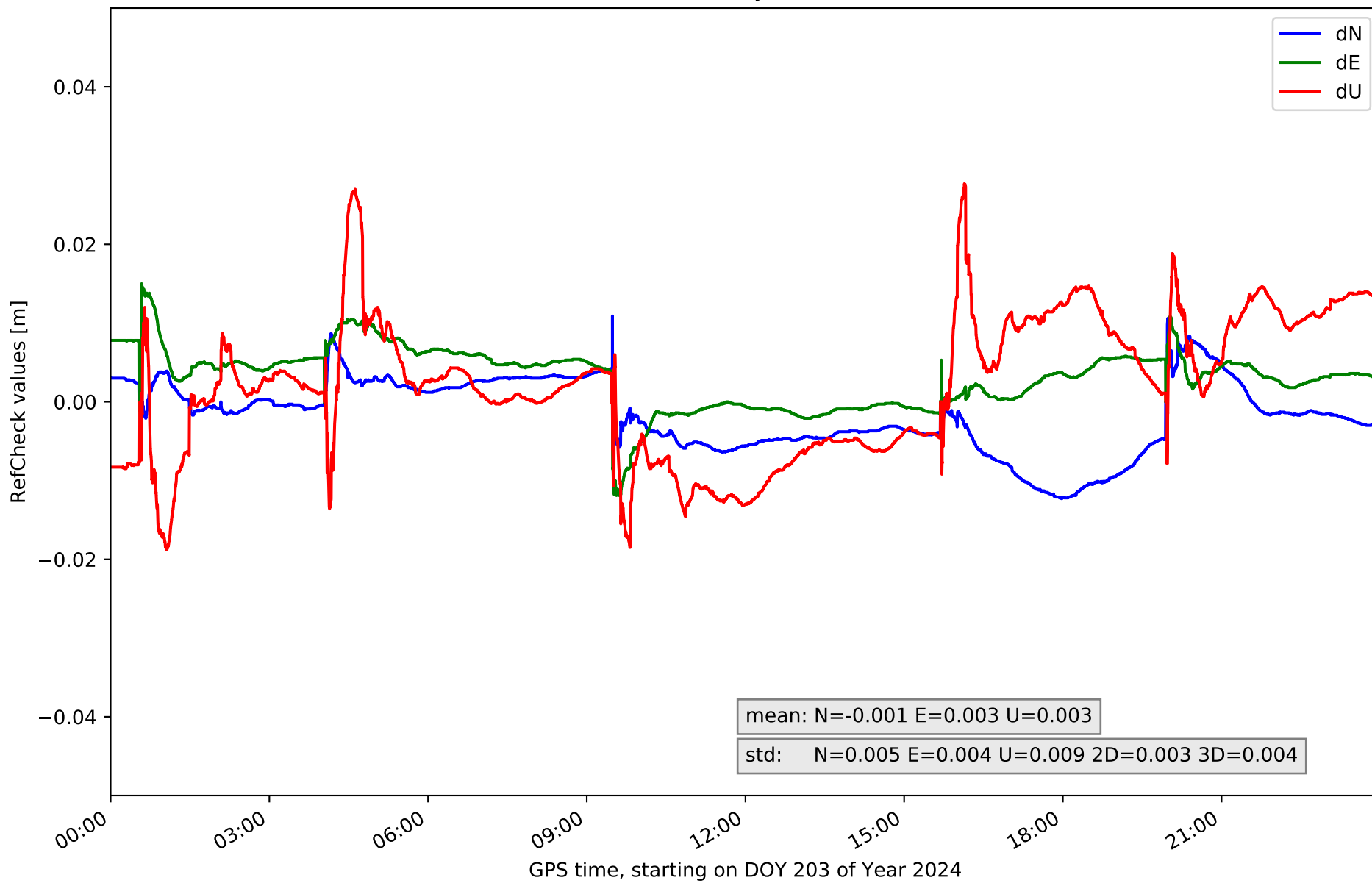


RefCheck for station CSOS in network NET9

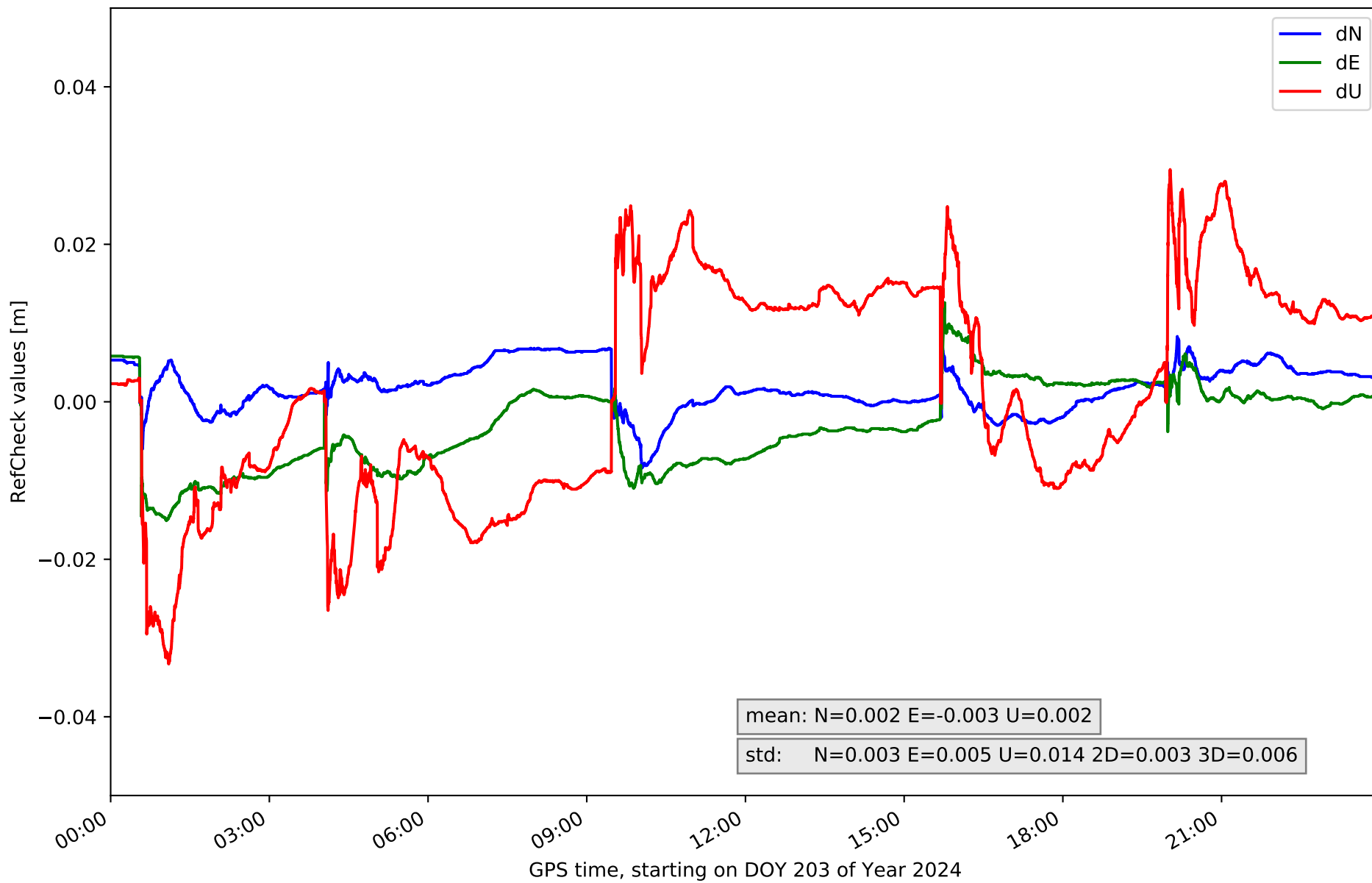




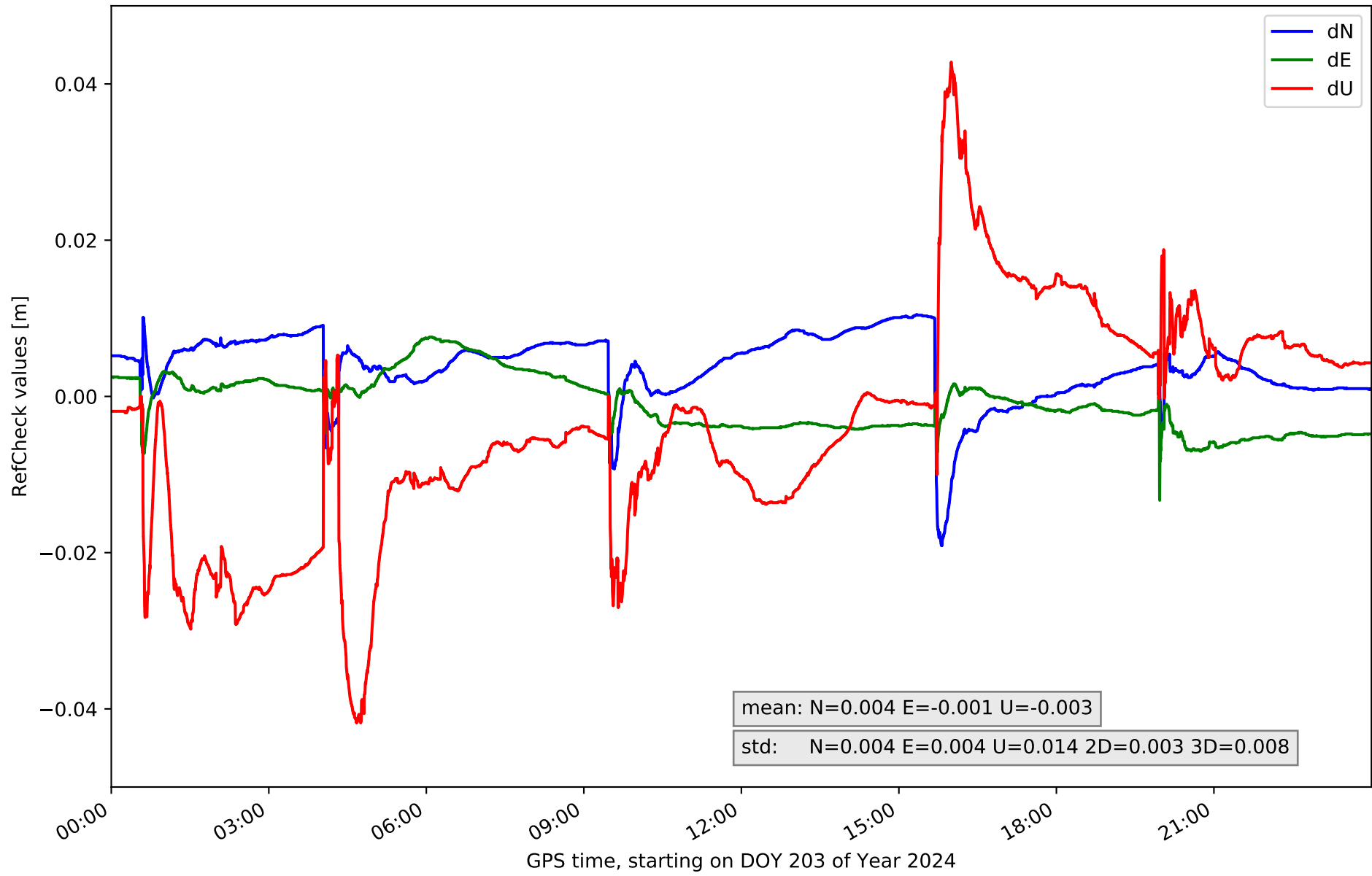
# RefCheck for station EJE in network NET9



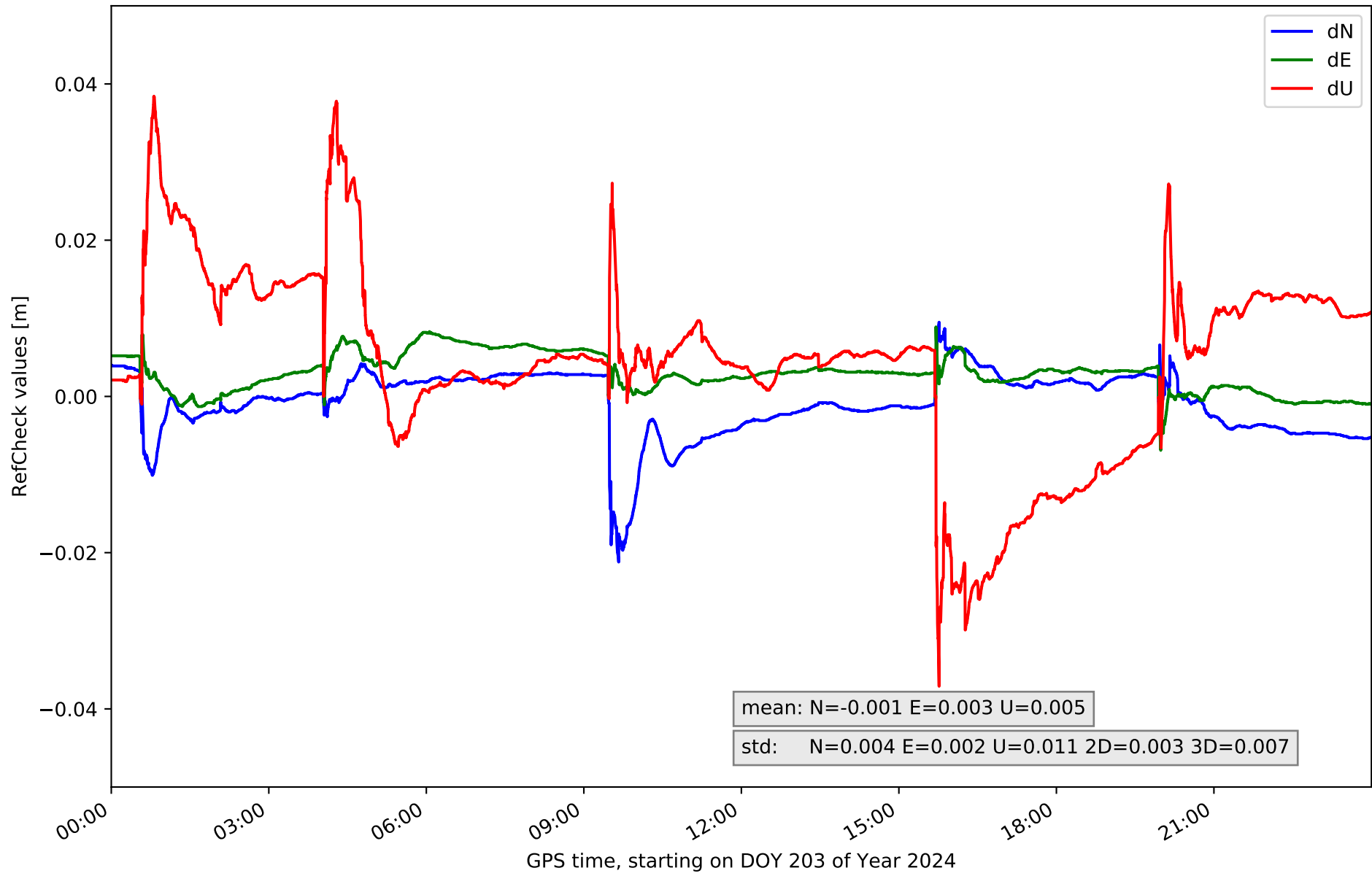
# RefCheck for station FRAG in network NET9



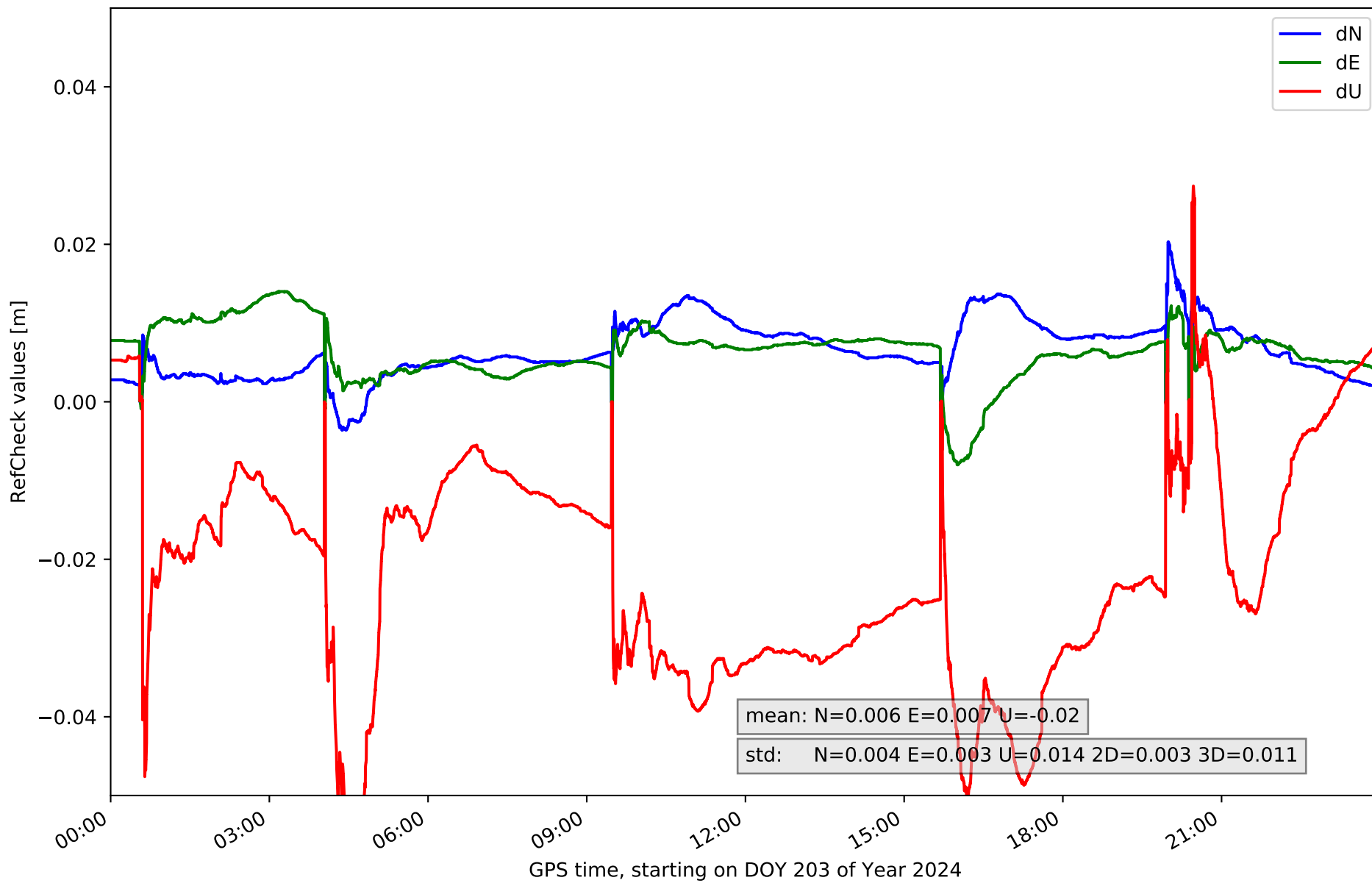
# RefCheck for station JACA in network NET9



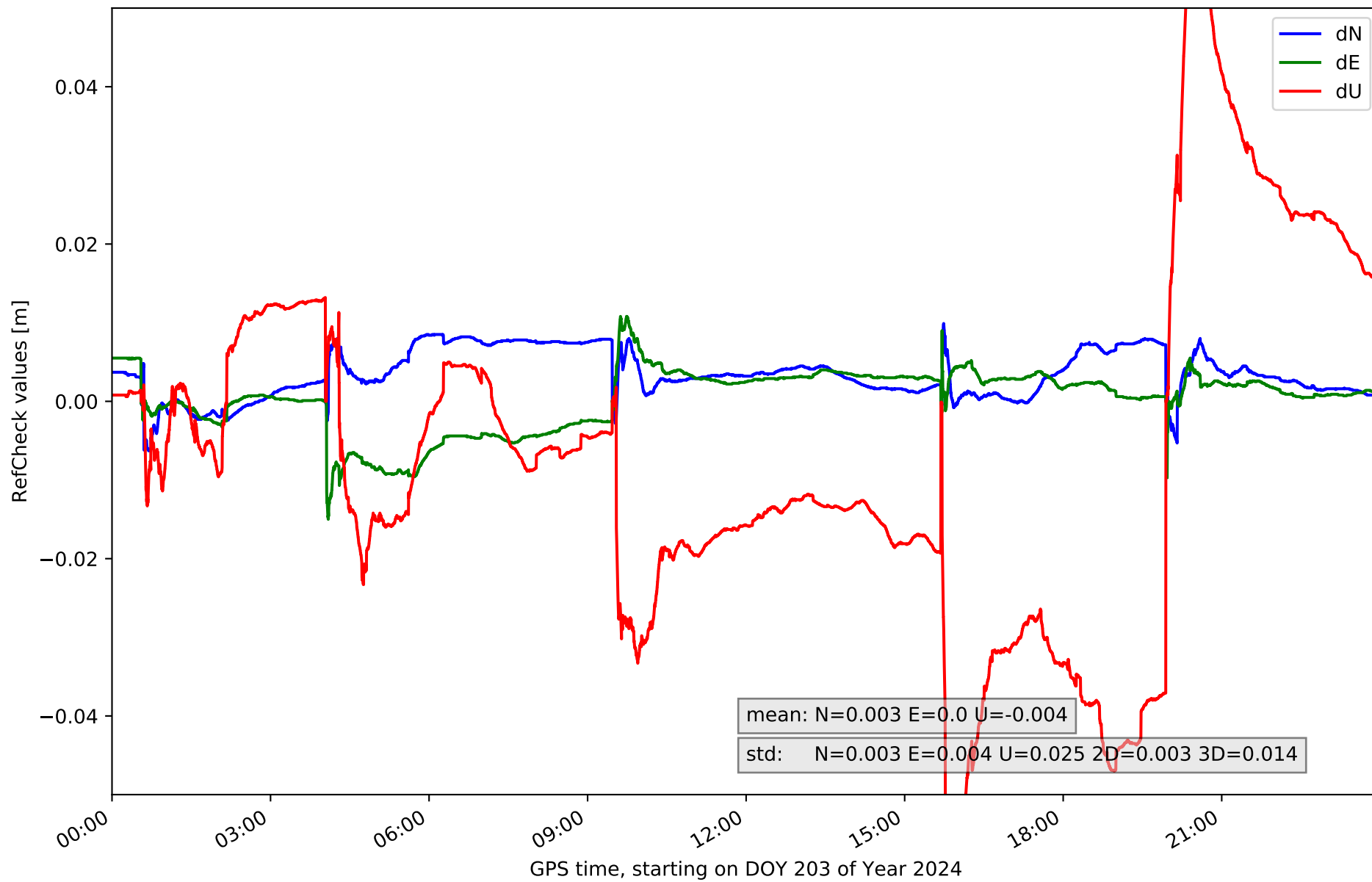
# RefCheck for station OSCA in network NET9



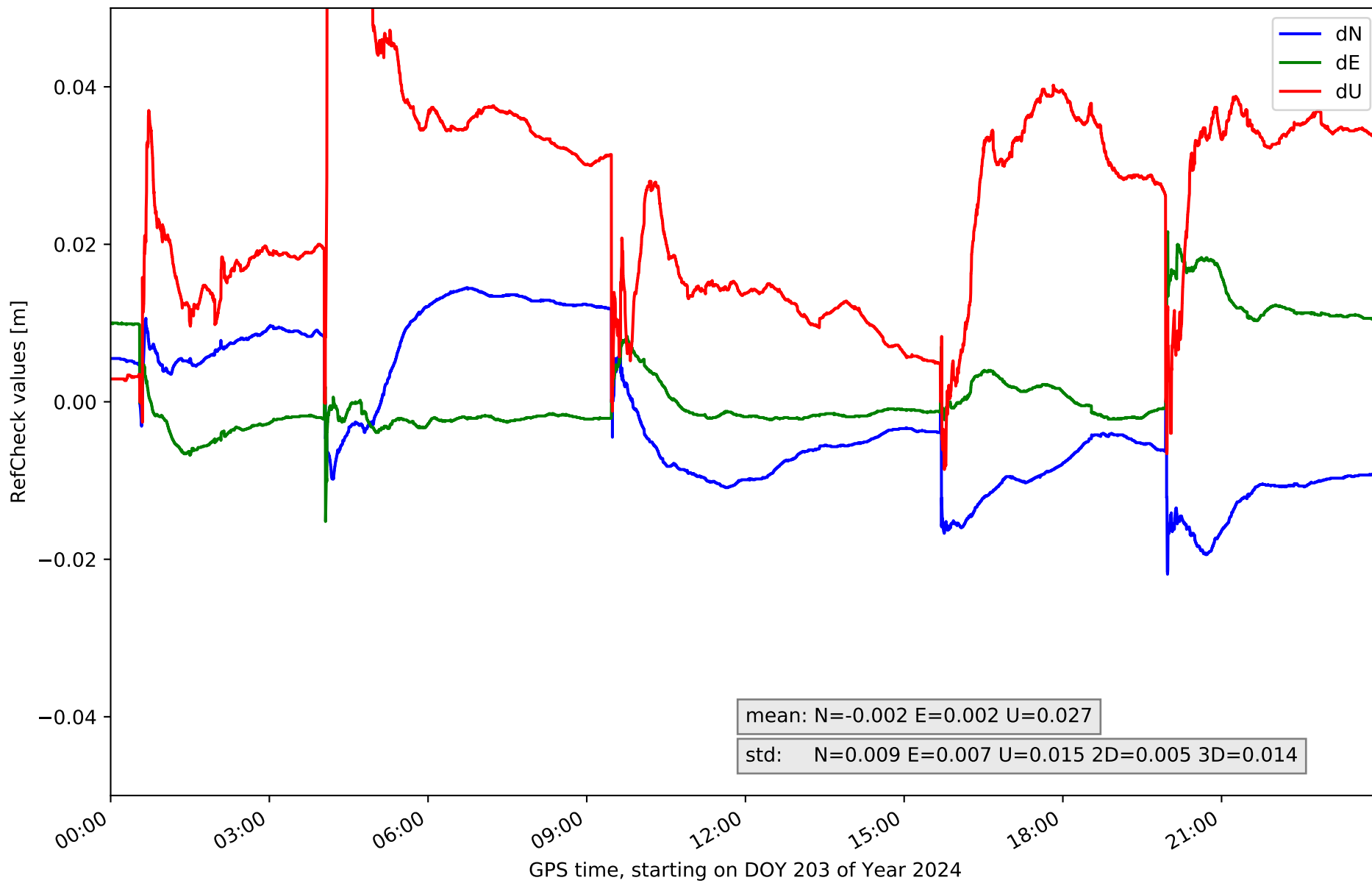
# RefCheck for station RONL in network NET9



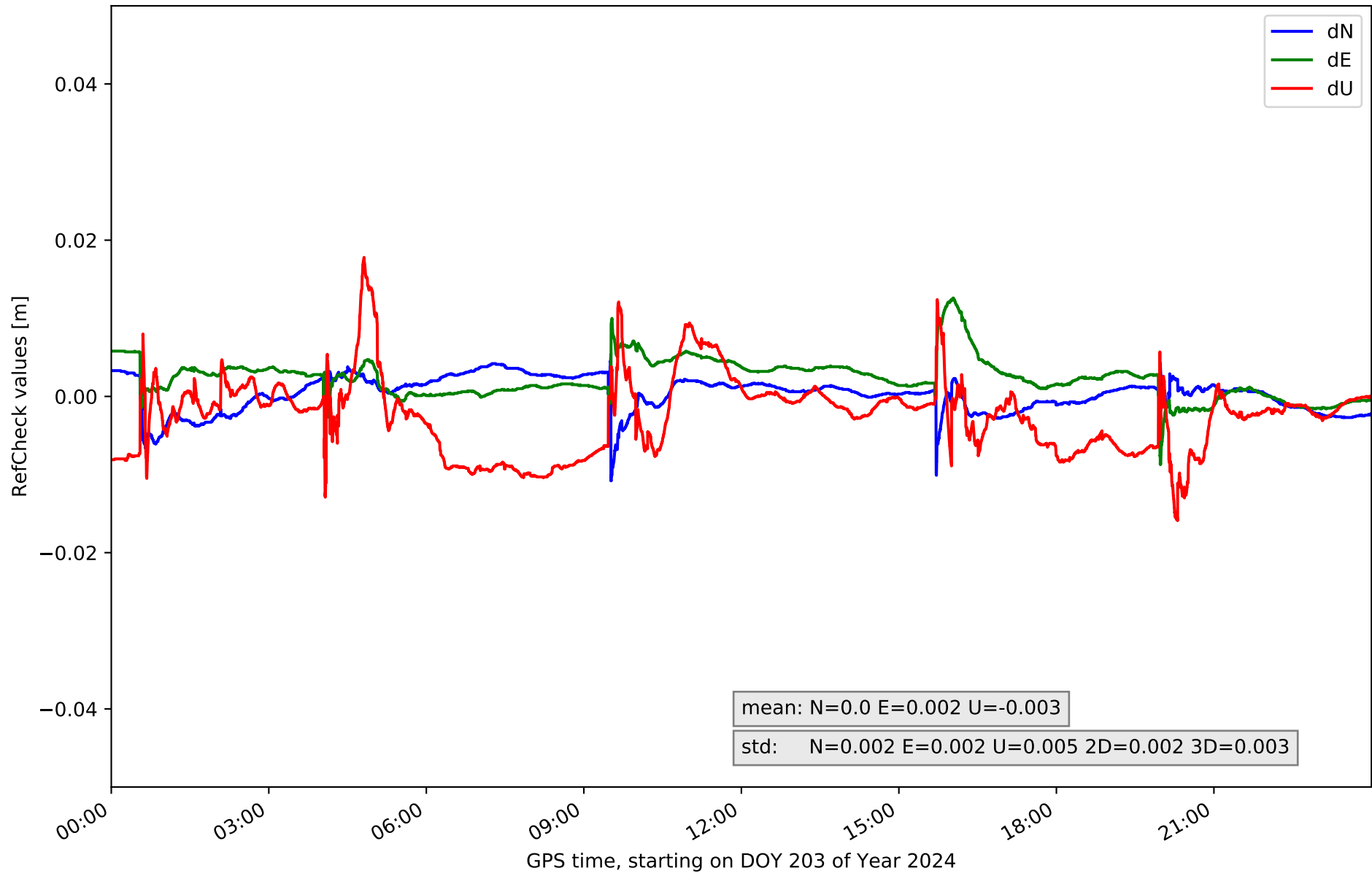
RefCheck for station SABI in network NET9



### RefCheck for station SANS in network NET9

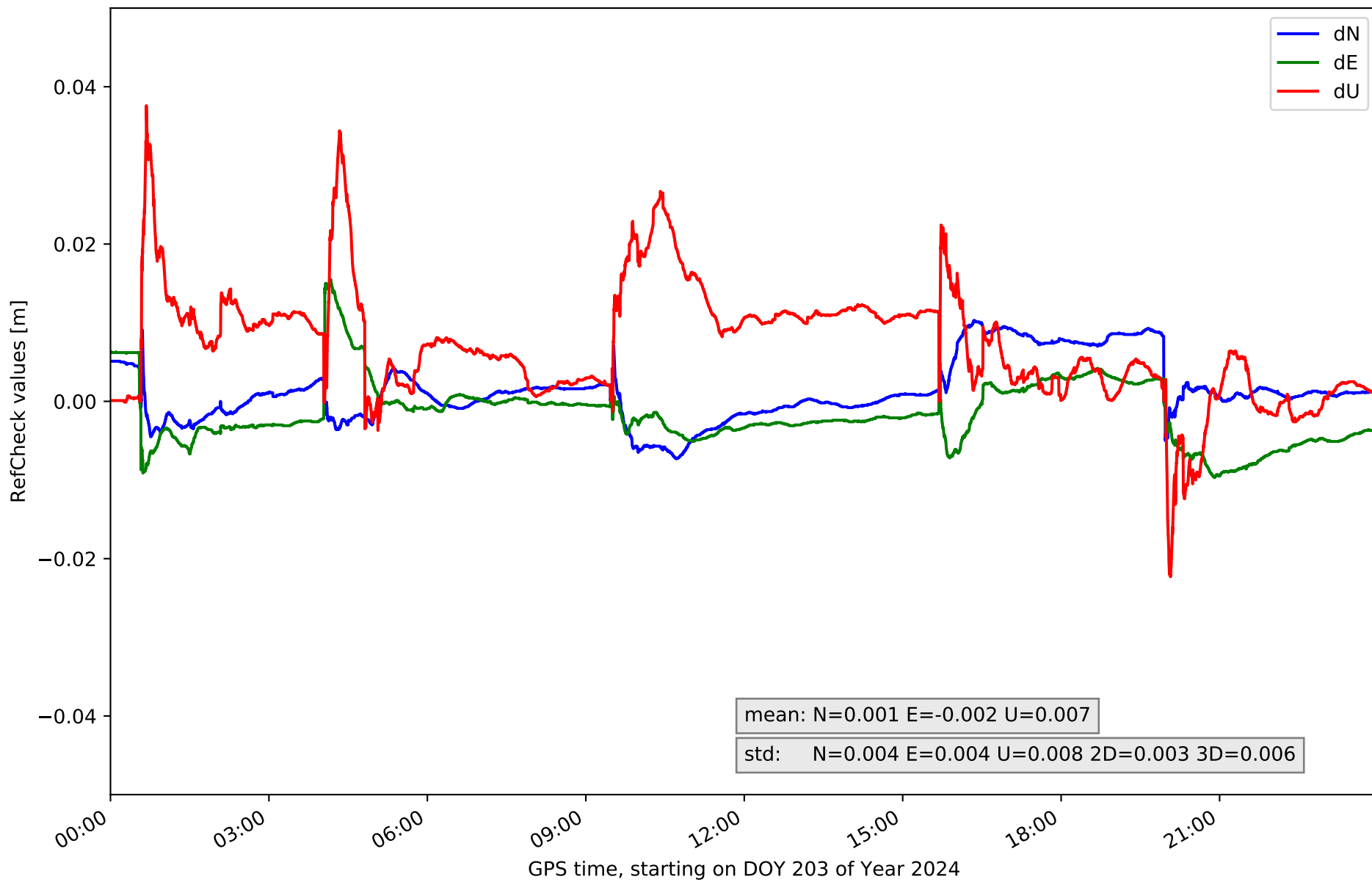


# RefCheck for station SRNA in network NET9

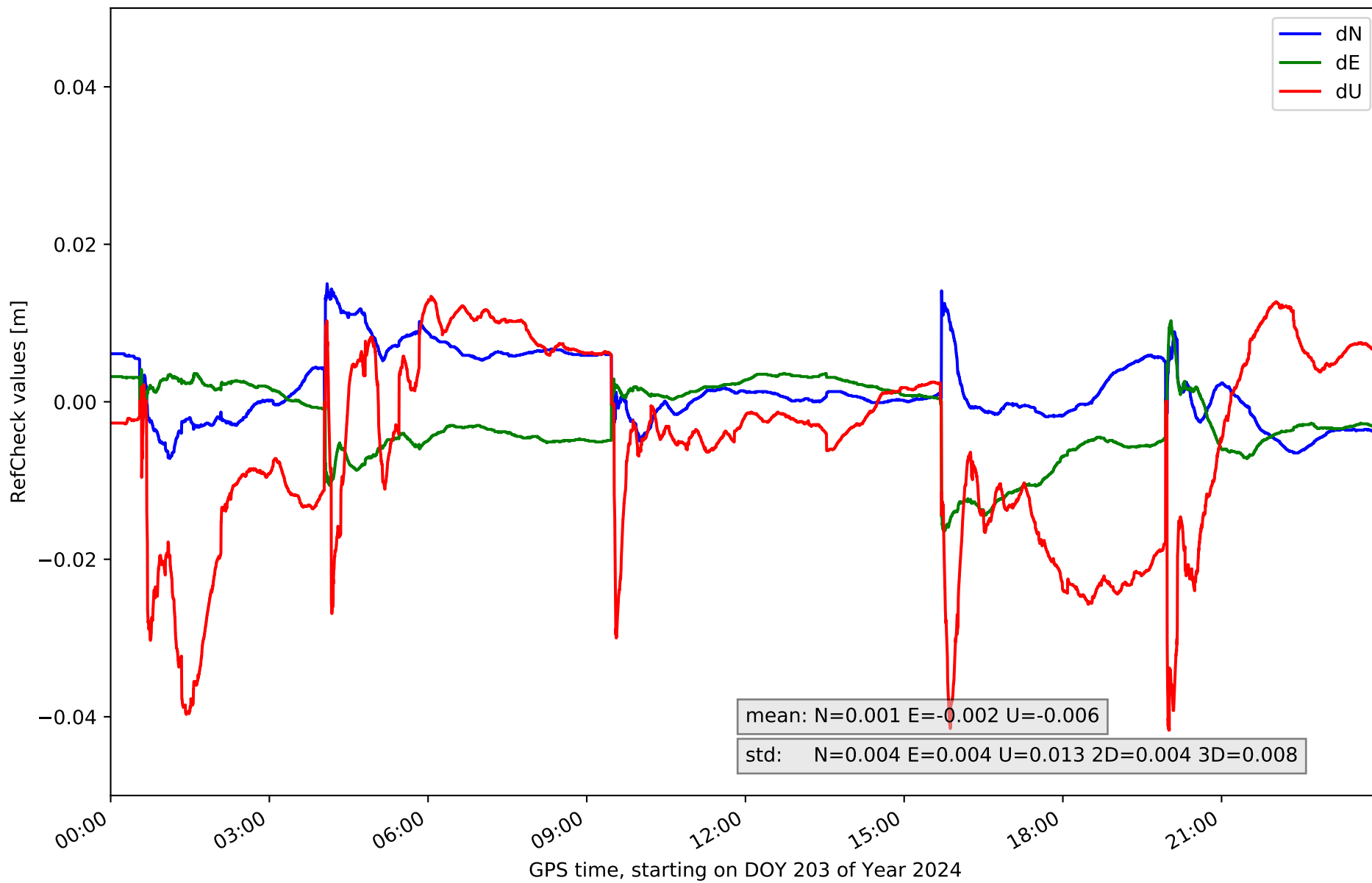




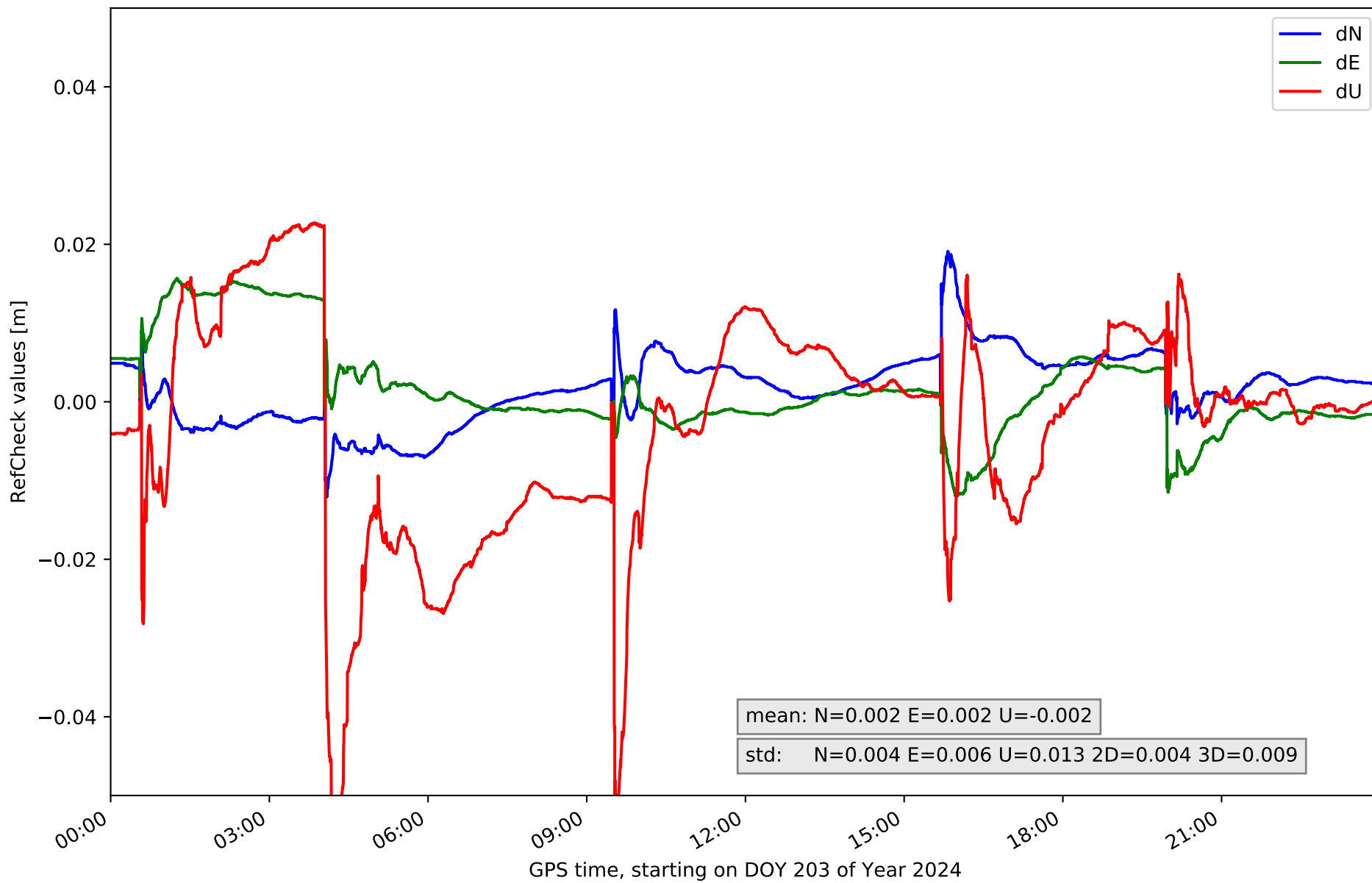
# RefCheck for station TUD1 in network NET9



# 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	-0.012	0.016	0.006	-0.005	0.015	0.003	-0.022	0.045	0.01	0.003	0.007	11753	22.8	9376	18.2
BINE	-0.007	0.006	0.003	-0.013	0.006	0.004	-0.068	0.042	0.014	0.002	0.01	1415	2.7	9719	18.8
BLGU	-0.011	0.014	0.003	-0.013	0.005	0.002	-0.037	0.019	0.008	0.002	0.004	634	1.2	345	0.7
BRJA	-0.015	0.01	0.007	-0.016	0.002	0.002	-0.033	0.069	0.015	0.003	0.008	50713	98.3	17918	34.7
CARC	-0.015	0.014	0.005	-0.003	0.031	0.005	-0.009	0.112	0.017	0.005	0.017	13990	27.1	19678	38.1
CSOS	-0.018	0.02	0.006	-0.018	0.017	0.007	-0.142	0.056	0.04	0.005	0.031	10983	21.3	16292	31.6
EJEA	-0.012	0.011	0.005	-0.012	0.015	0.004	-0.019	0.028	0.009	0.003	0.004	7190	13.9	900	1.7
FRAG	-0.008	0.011	0.003	-0.015	0.013	0.005	-0.033	0.029	0.014	0.003	0.006	5949	11.5	9042	17.5
JACA	-0.019	0.011	0.004	-0.013	0.008	0.004	-0.042	0.043	0.014	0.003	0.008	2752	5.3	10433	20.2
OSCA	-0.021	0.009	0.004	-0.007	0.009	0.002	-0.037	0.038	0.011	0.003	0.007	1024	2.0	6379	12.4
RONL	-0.004	0.02	0.004	-0.008	0.014	0.003	-0.062	0.027	0.014	0.003	0.011	28595	55.4	29923	58.0
SABI	-0.006	0.01	0.003	-0.015	0.011	0.004	-0.069	0.066	0.025	0.003	0.014	3151	6.1	20568	39.9
SANS	-0.022	0.015	0.009	-0.015	0.022	0.007	-0.009	0.103	0.015	0.005	0.014	24841	48.1	36408	70.5
SRNA	-0.011	0.005	0.002	-0.009	0.013	0.002	-0.016	0.018	0.005	0.002	0.003	907	1.8	0	0.0
TUD1	-0.007	0.01	0.004	-0.01	0.015	0.004	-0.022	0.038	0.008	0.003	0.006	1230	2.4	3549	6.9
ZARA	-0.007	0.015	0.004	-0.016	0.01	0.004	-0.042	0.013	0.013	0.004	0.008	5880	11.4	11324	21.9
ZUER	-0.012	0.019	0.004	-0.012	0.016	0.006	-0.057	0.023	0.013	0.004	0.009	9580	18.6	9597	18.6
<b>Mean</b>	<b>-0.012</b>	<b>0.013</b>	<b>0.004</b>	<b>-0.012</b>	<b>0.013</b>	<b>0.004</b>	<b>-0.042</b>	<b>0.045</b>	<b>0.014</b>	<b>0.003</b>	<b>0.01</b>	<b>10622.8</b>	<b>20.6</b>	<b>12438.3</b>	<b>24.1</b>
<b>Min/Max</b>	<b>-0.022</b>	<b>0.02</b>	<b>0.009</b>	<b>-0.018</b>	<b>0.031</b>	<b>0.007</b>	<b>-0.142</b>	<b>0.112</b>	<b>0.04</b>	<b>0.005</b>	<b>0.031</b>	<b>50713</b>	<b>98.3</b>	<b>36408</b>	<b>70.5</b>

fixing statistic for network NET9

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	91.7	93.0	90.6	93.9	89.1
considering satellites with dual-frequency fixed	88.9	90.4	87.6	91.0	86.0
considering all signals separately	89.0	90.3	87.6	91.2	85.4