

## summary for network NET9

timeperiod chosen: from 2025-01-11-00:00:00 until 2025-01-11-23:59:58

average update rate (durations larger than 15 seconds considered as observation gap): 1.8 seconds

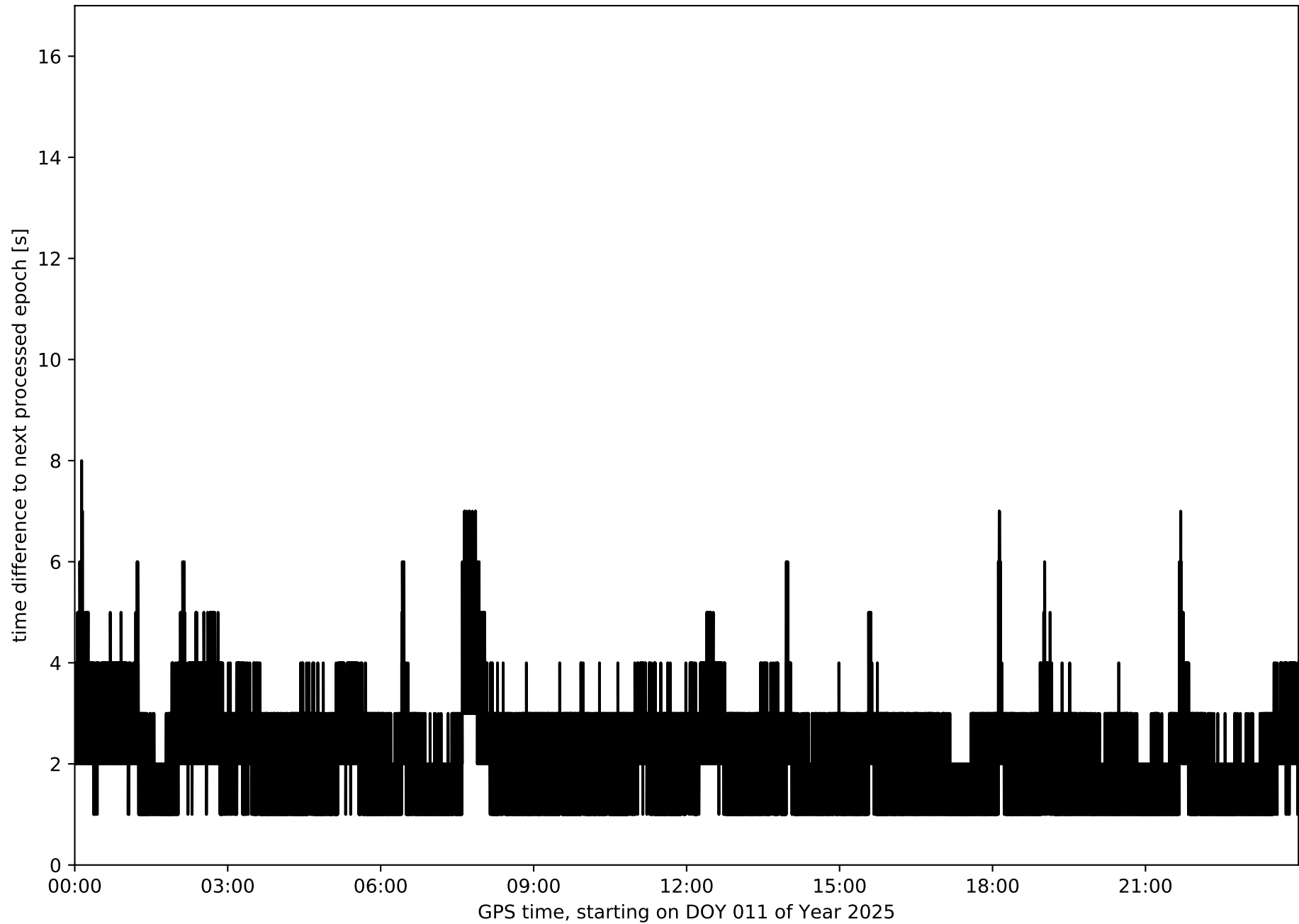
average fixing percentage with threshold set to 0.3: 90.1 percent

stations available: 17 of 17

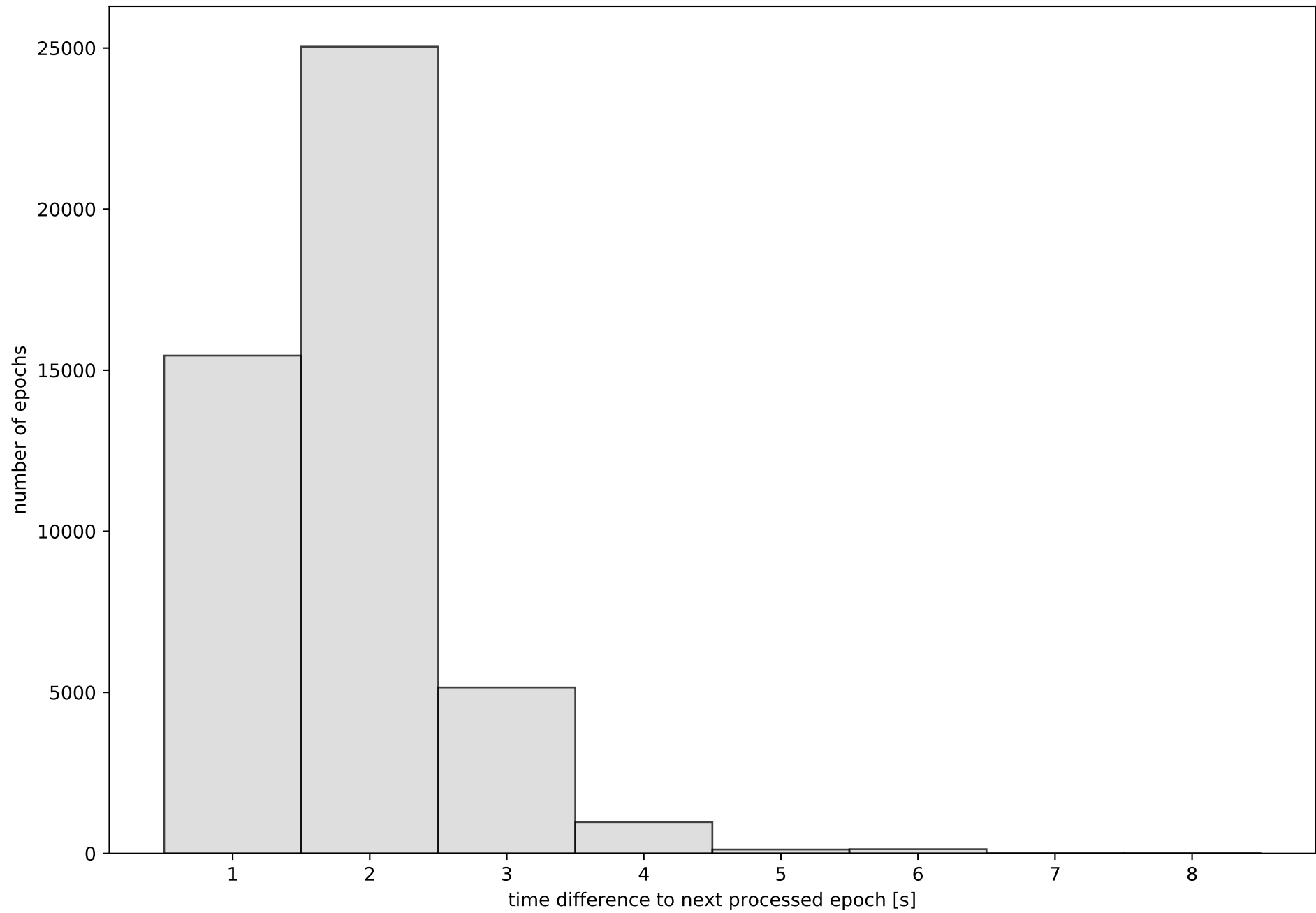
station information:

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

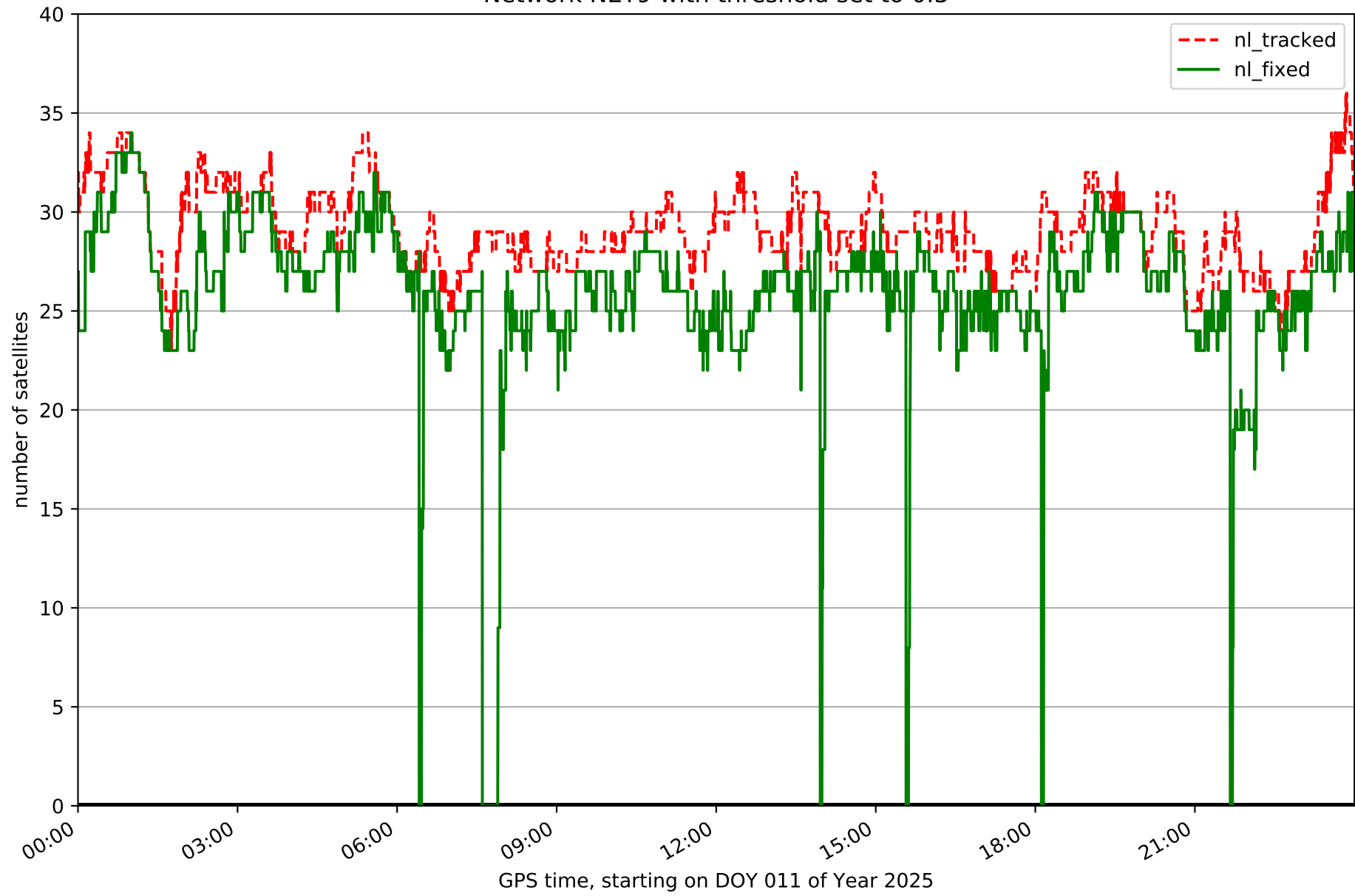
Processing rate in network NET9



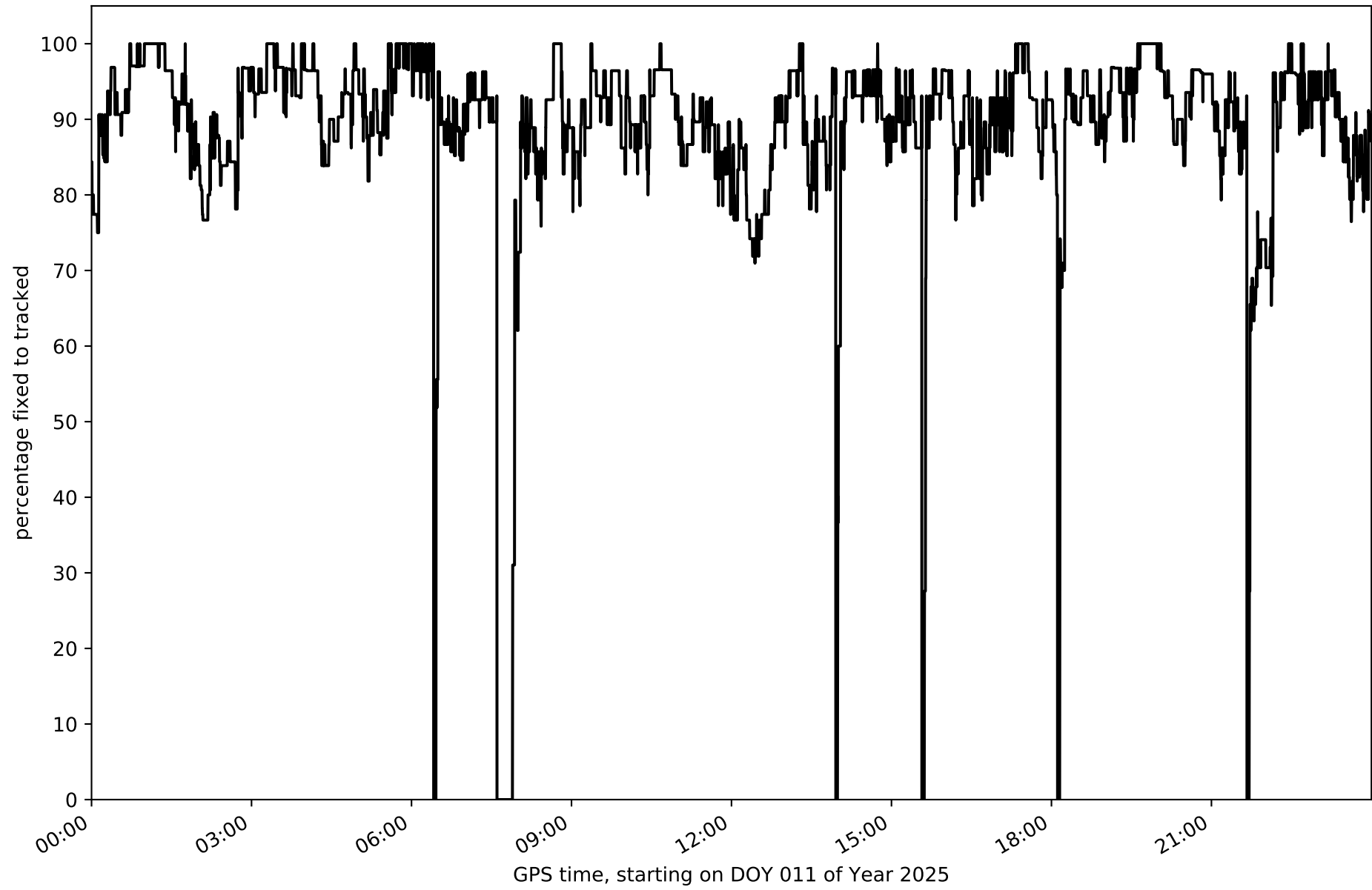
Histogram of the processing rate in network NET9 (durations larger 15 seconds neglected)



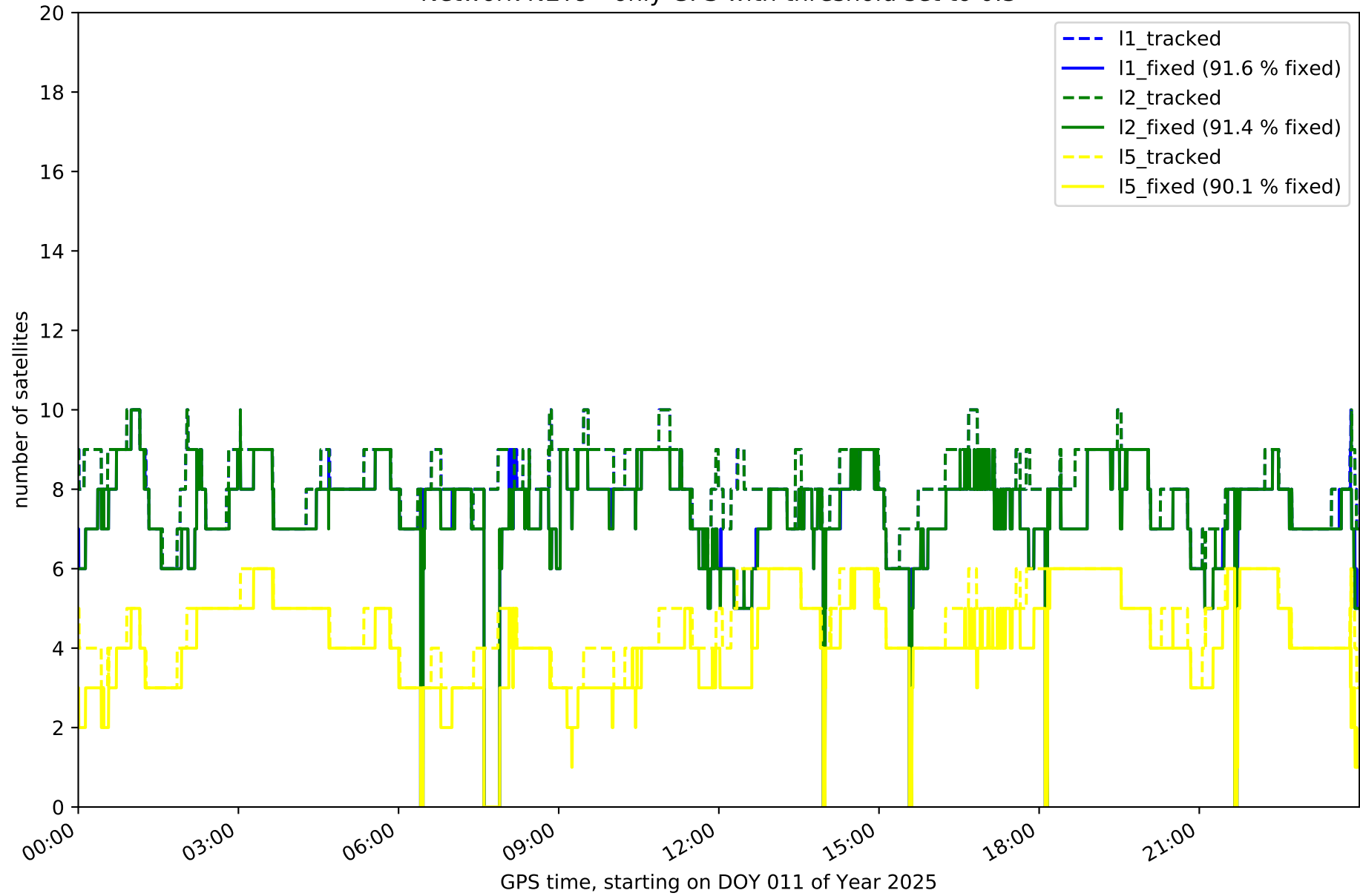
Network NET9 with threshold set to 0.3



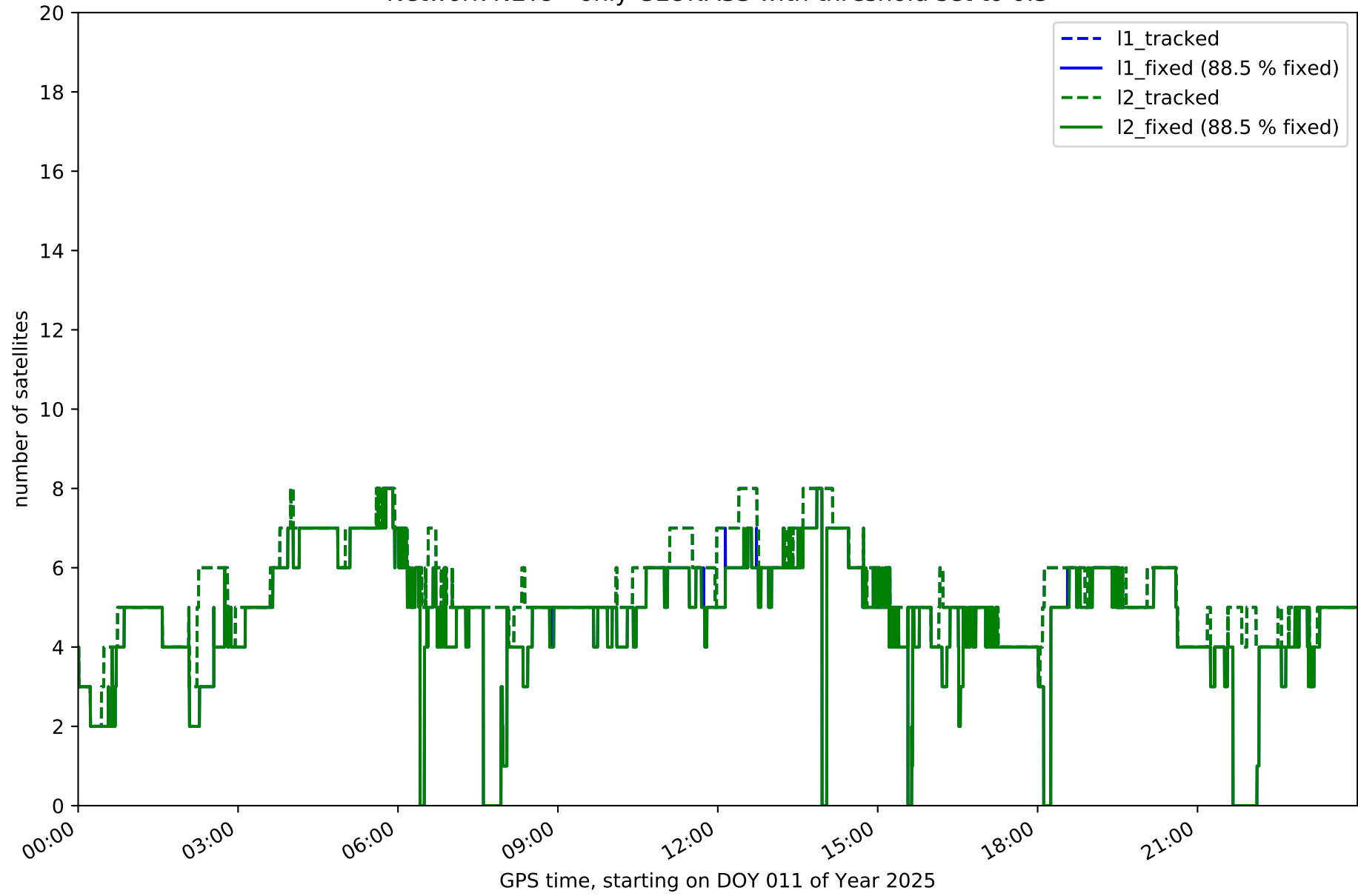
Fixing percentage of satellites in network NET9 with threshold set to 0.3



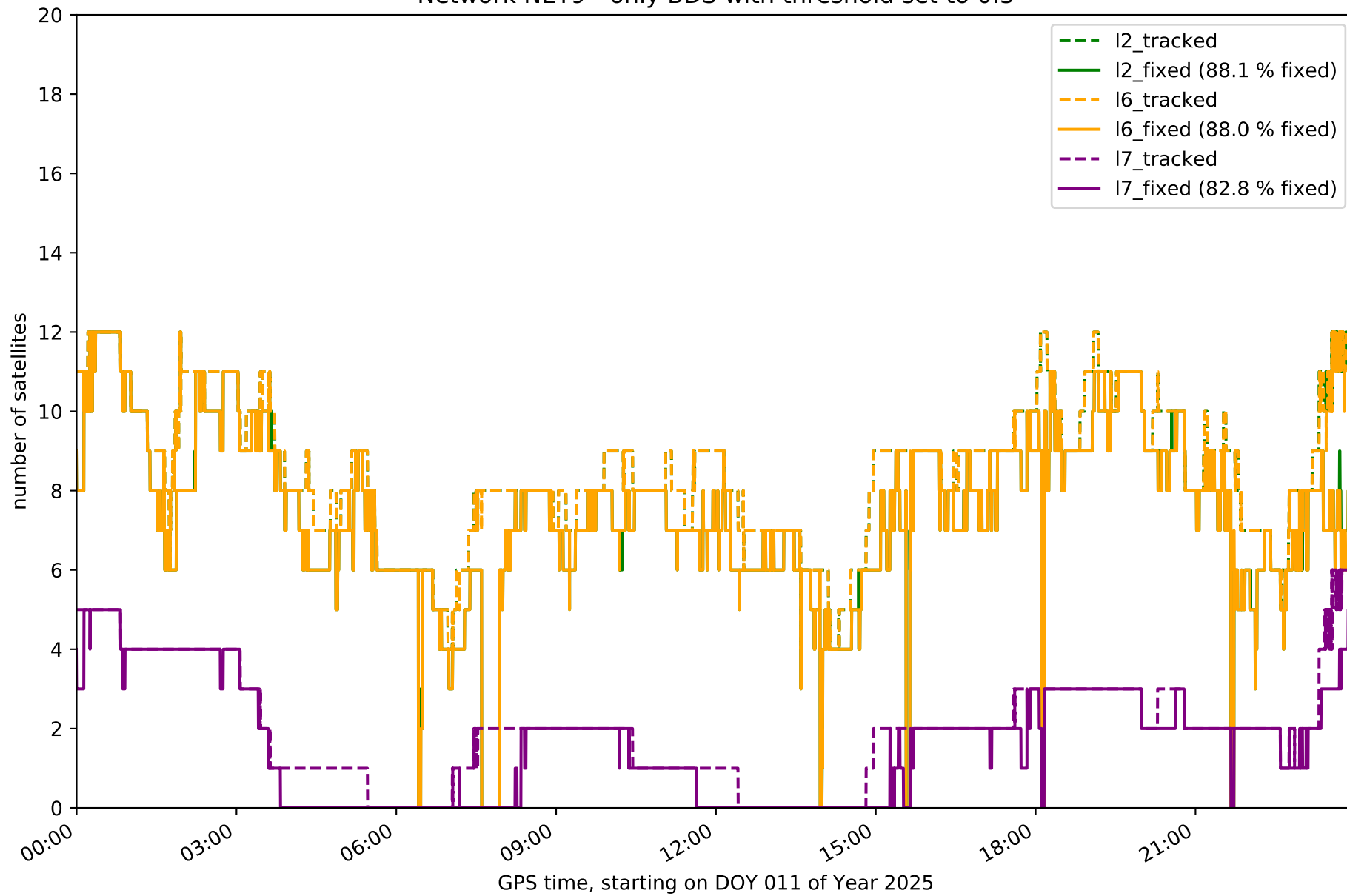
Network NET9 - only GPS with threshold set to 0.3



Network NET9 - only GLONASS with threshold set to 0.3

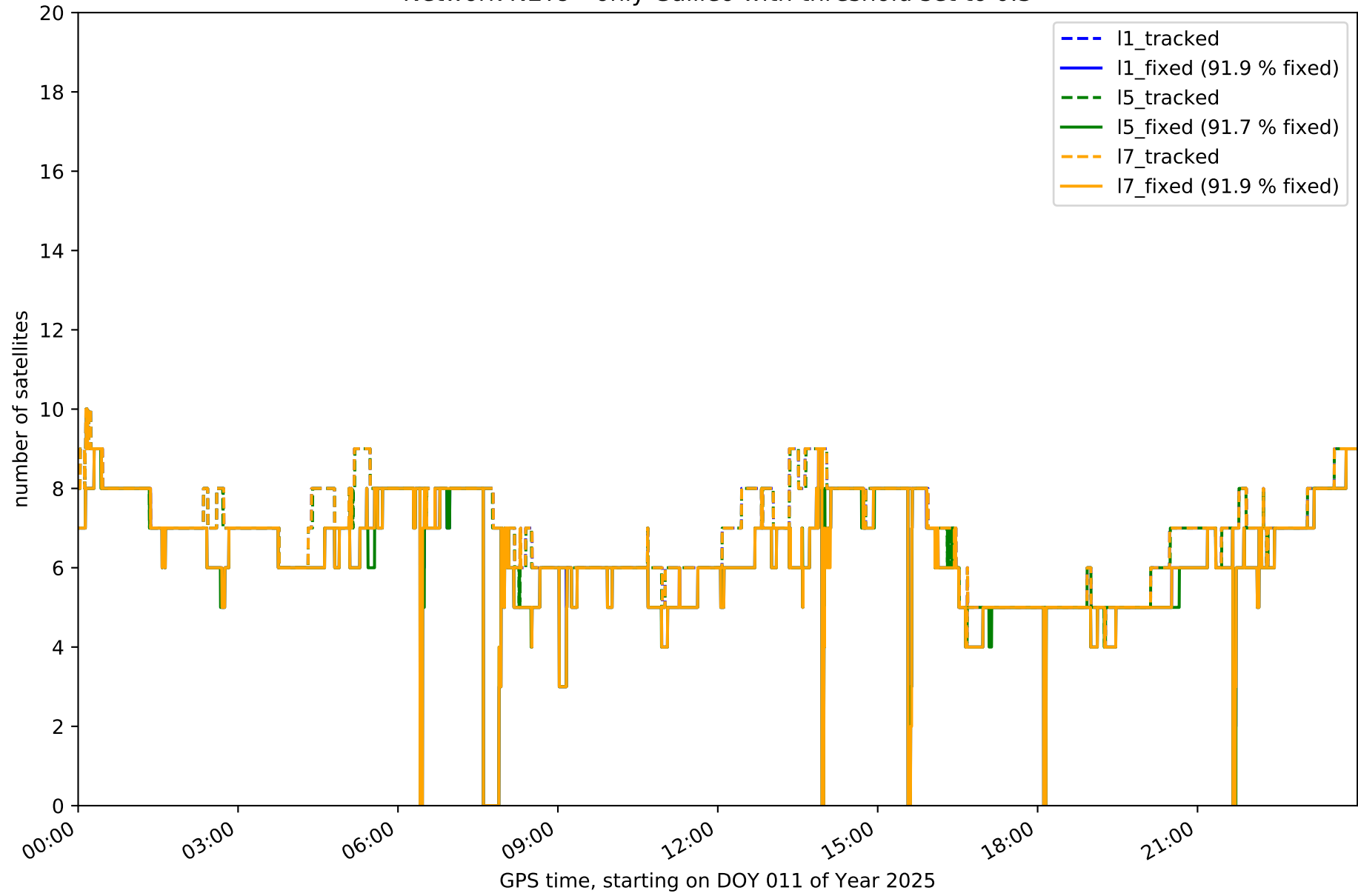


Network NET9 - only BDS with threshold set to 0.3

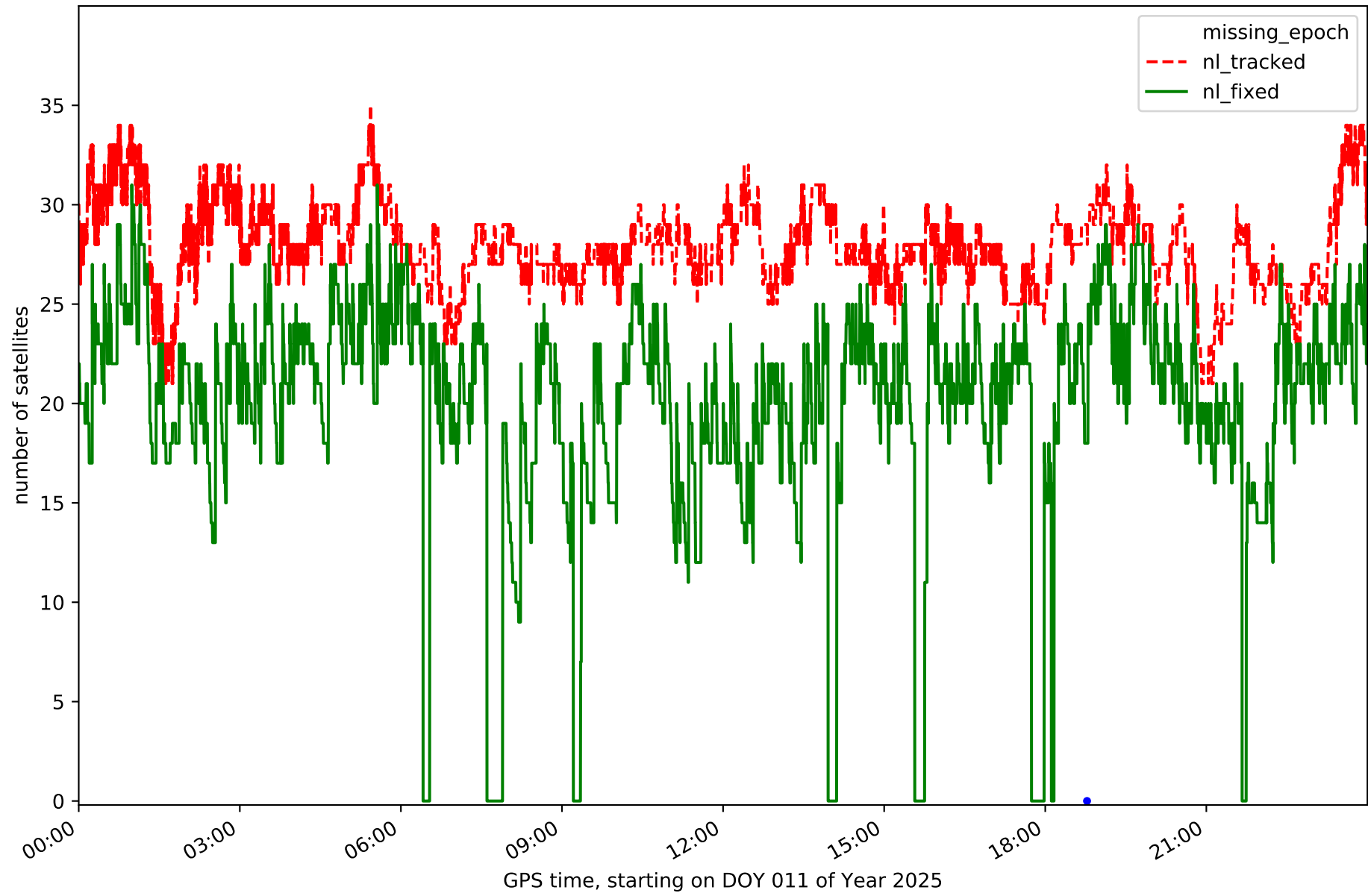




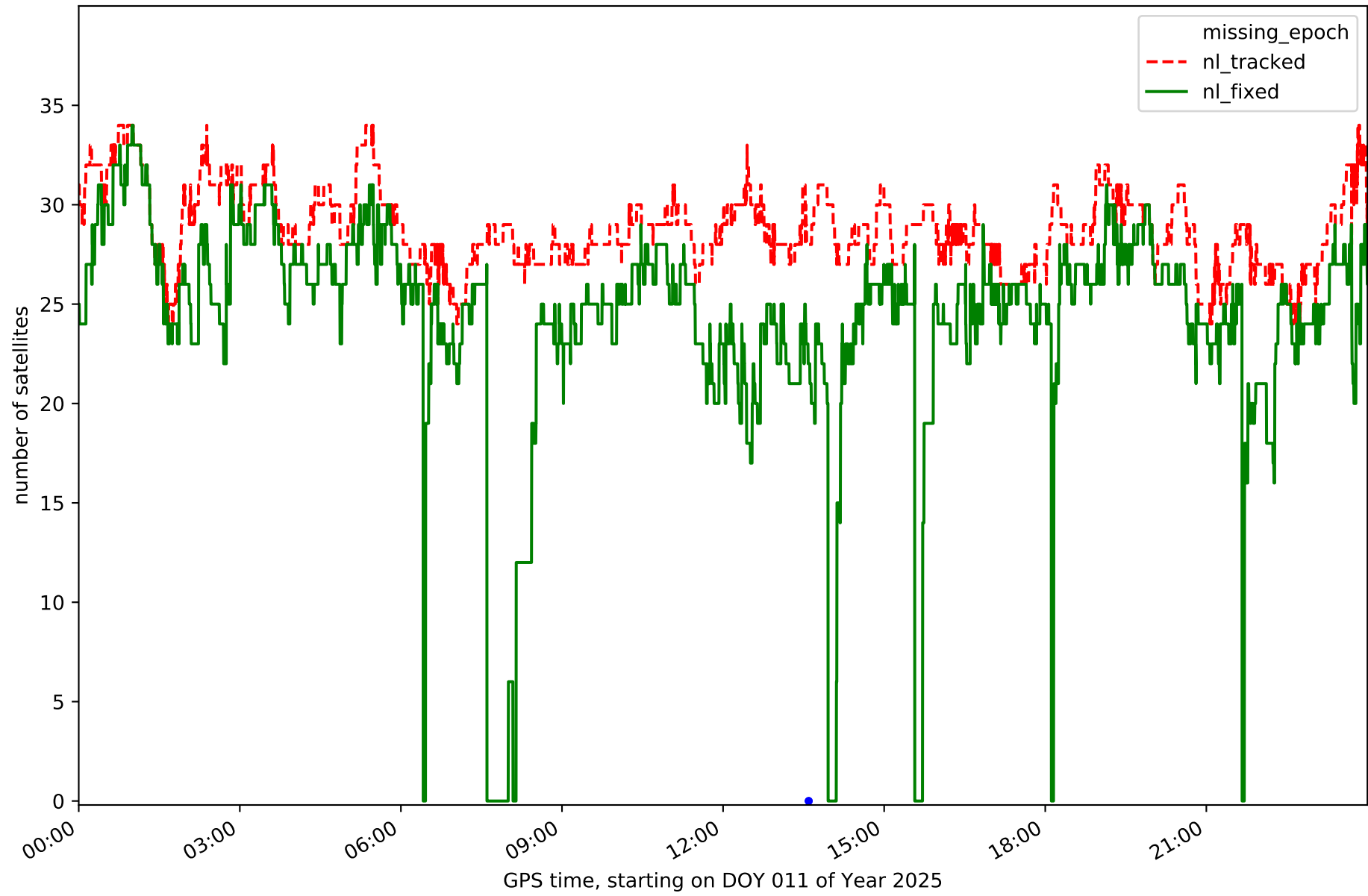
Network NET9 - only Galileo with threshold set to 0.3



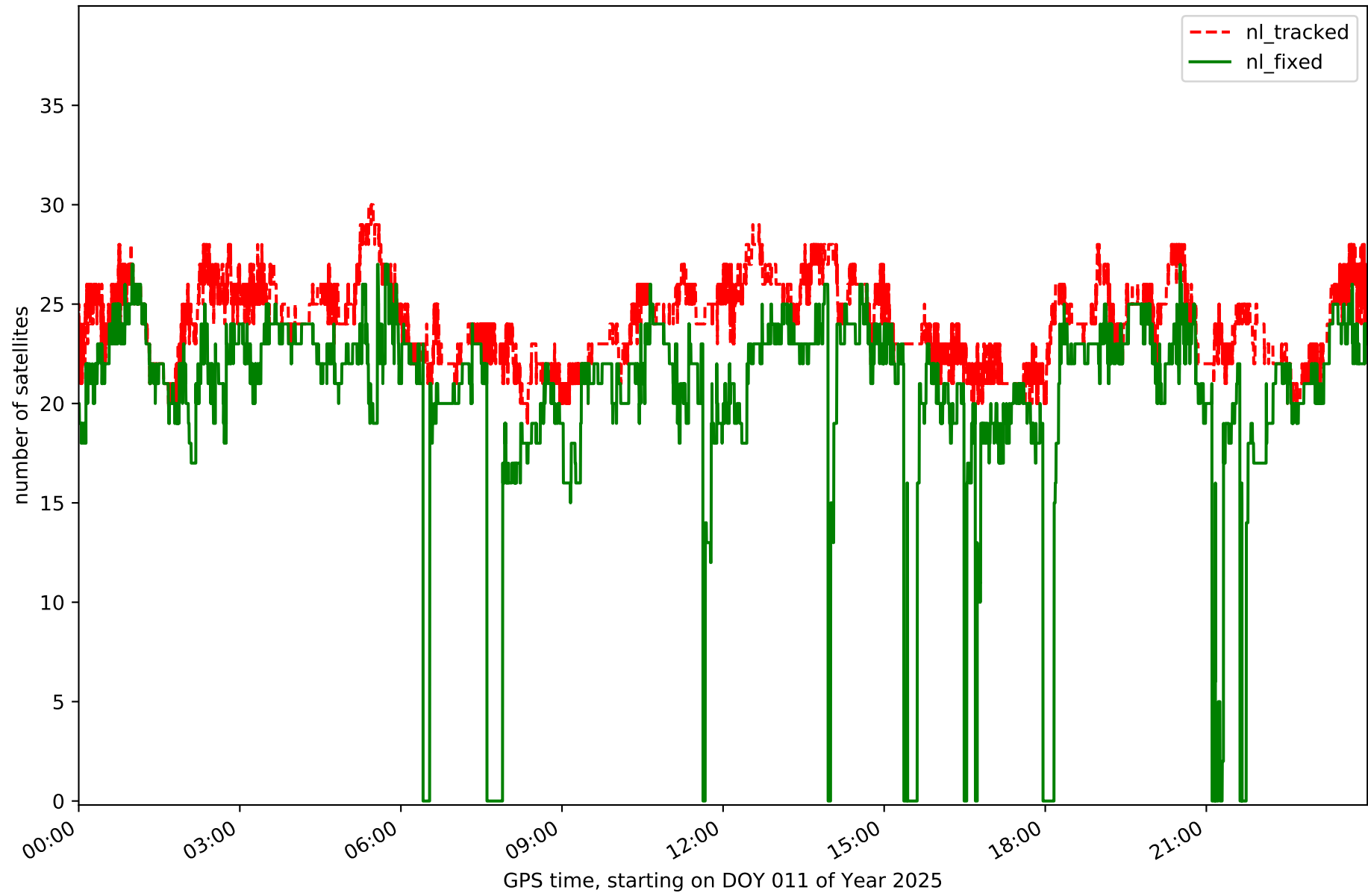
Station ARIB in network NET9



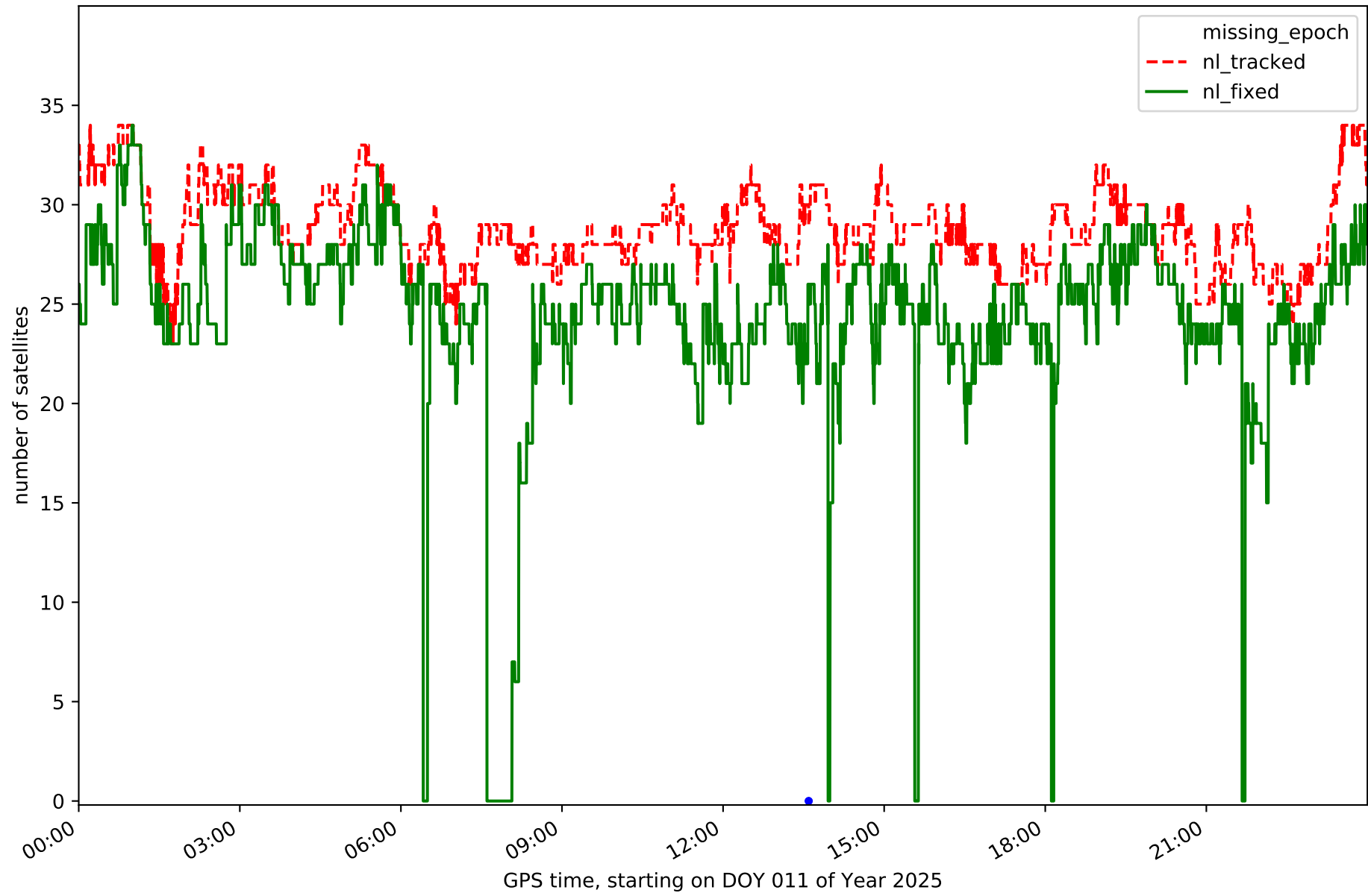
Station BINE in network NET9



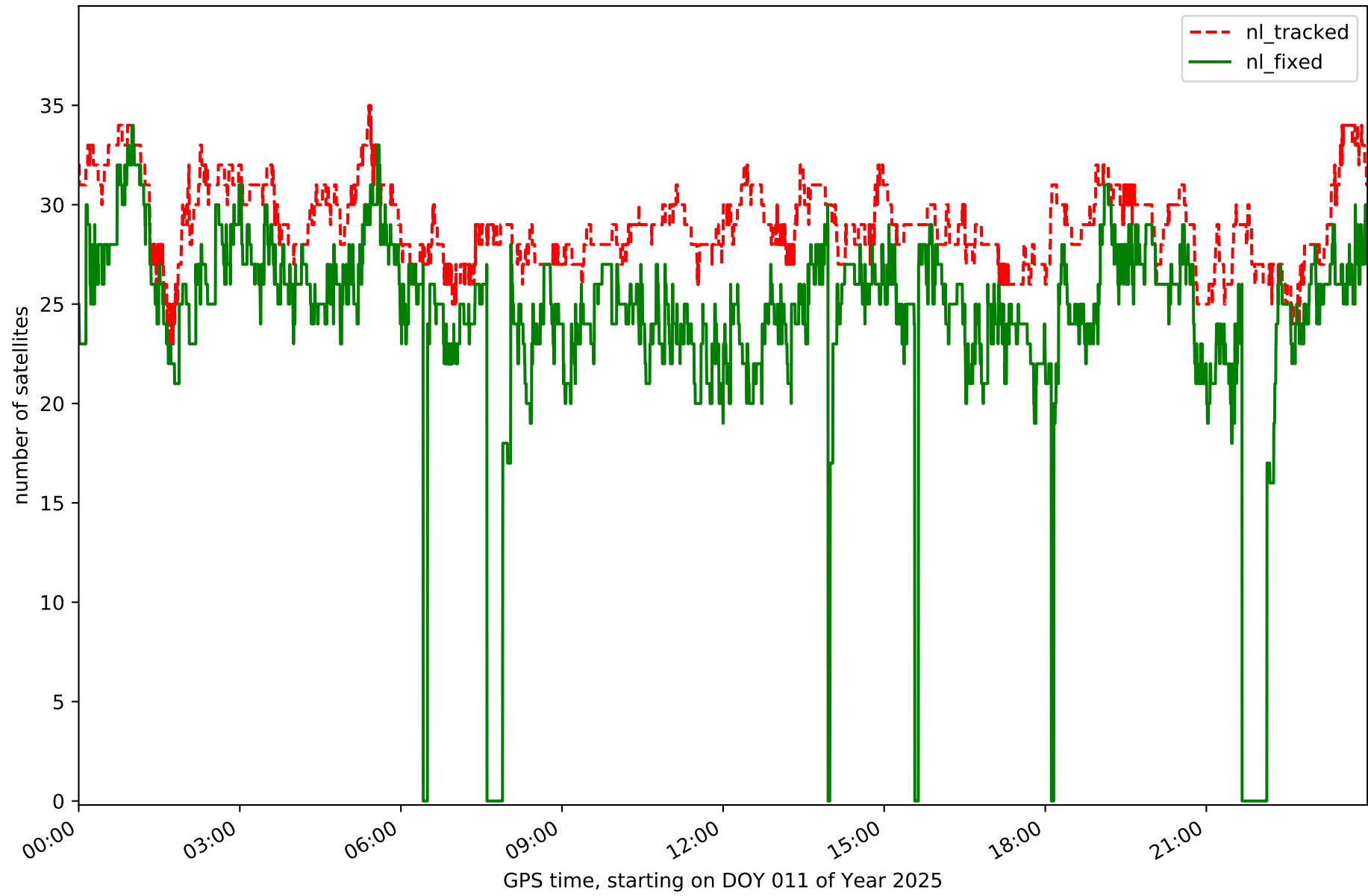
Station BLGU in network NET9



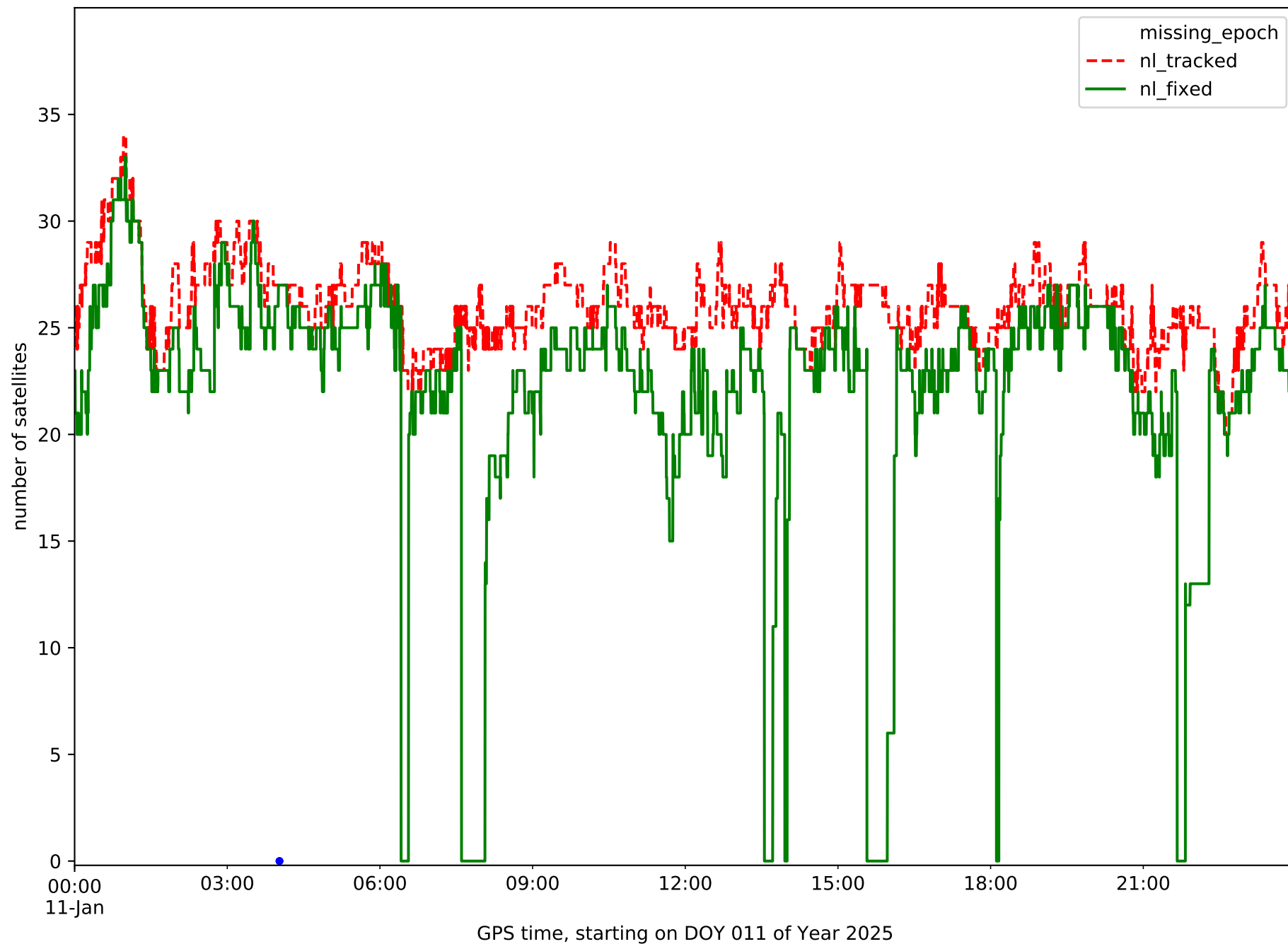
Station BRJA in network NET9



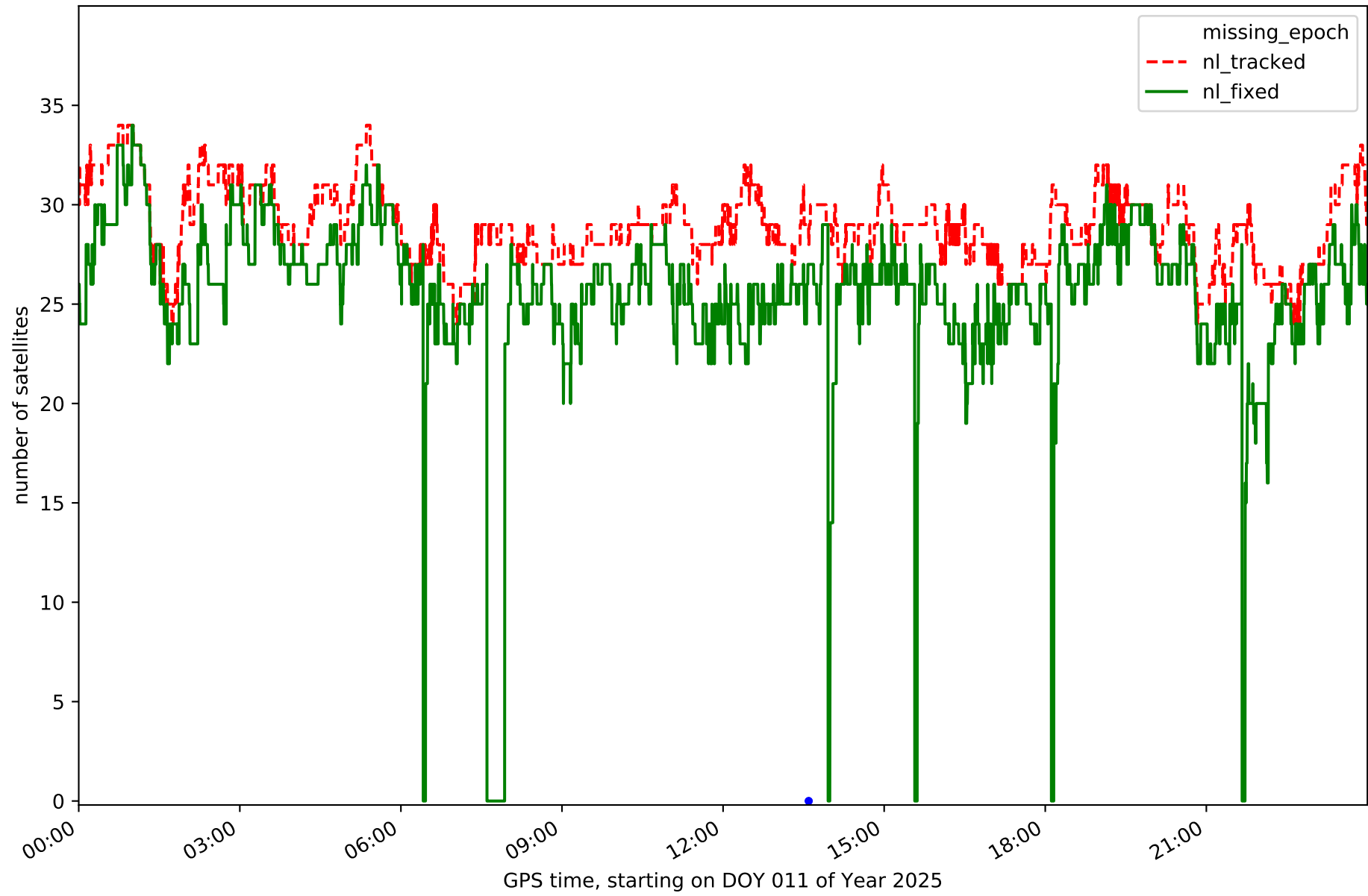
Station CARC in network NET9



Station CSOS in network NET9

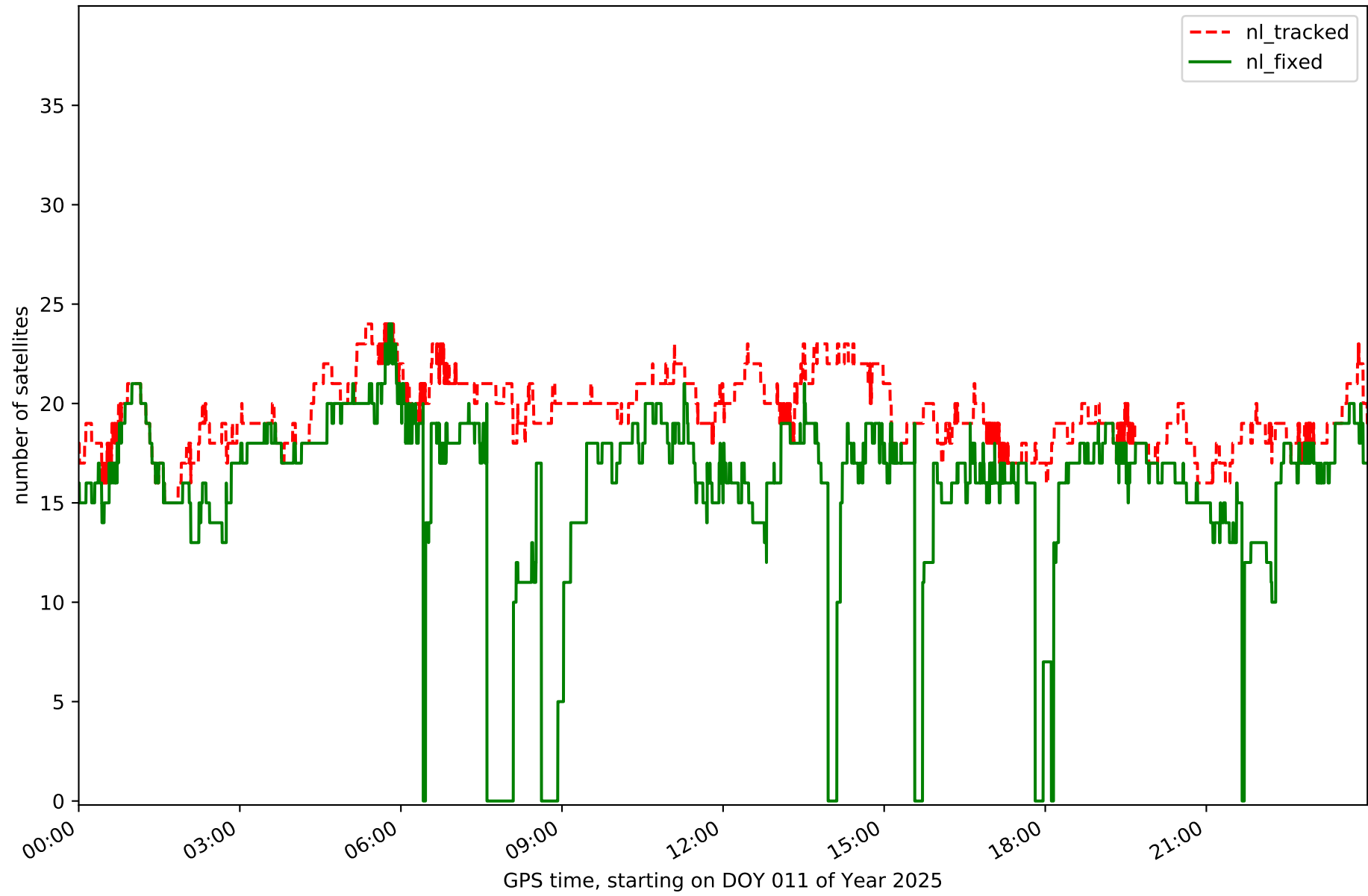


Station EJEA in network NET9

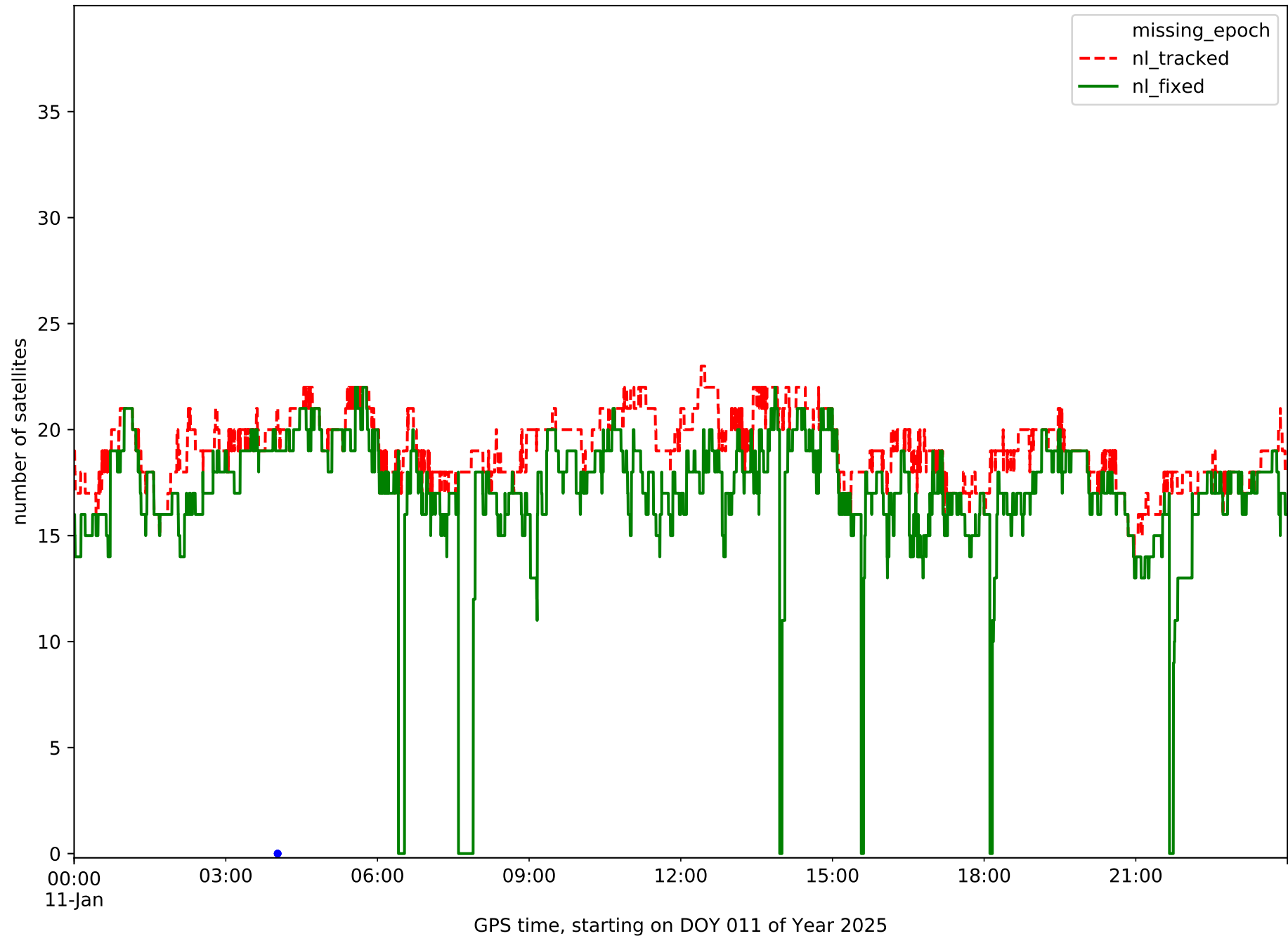




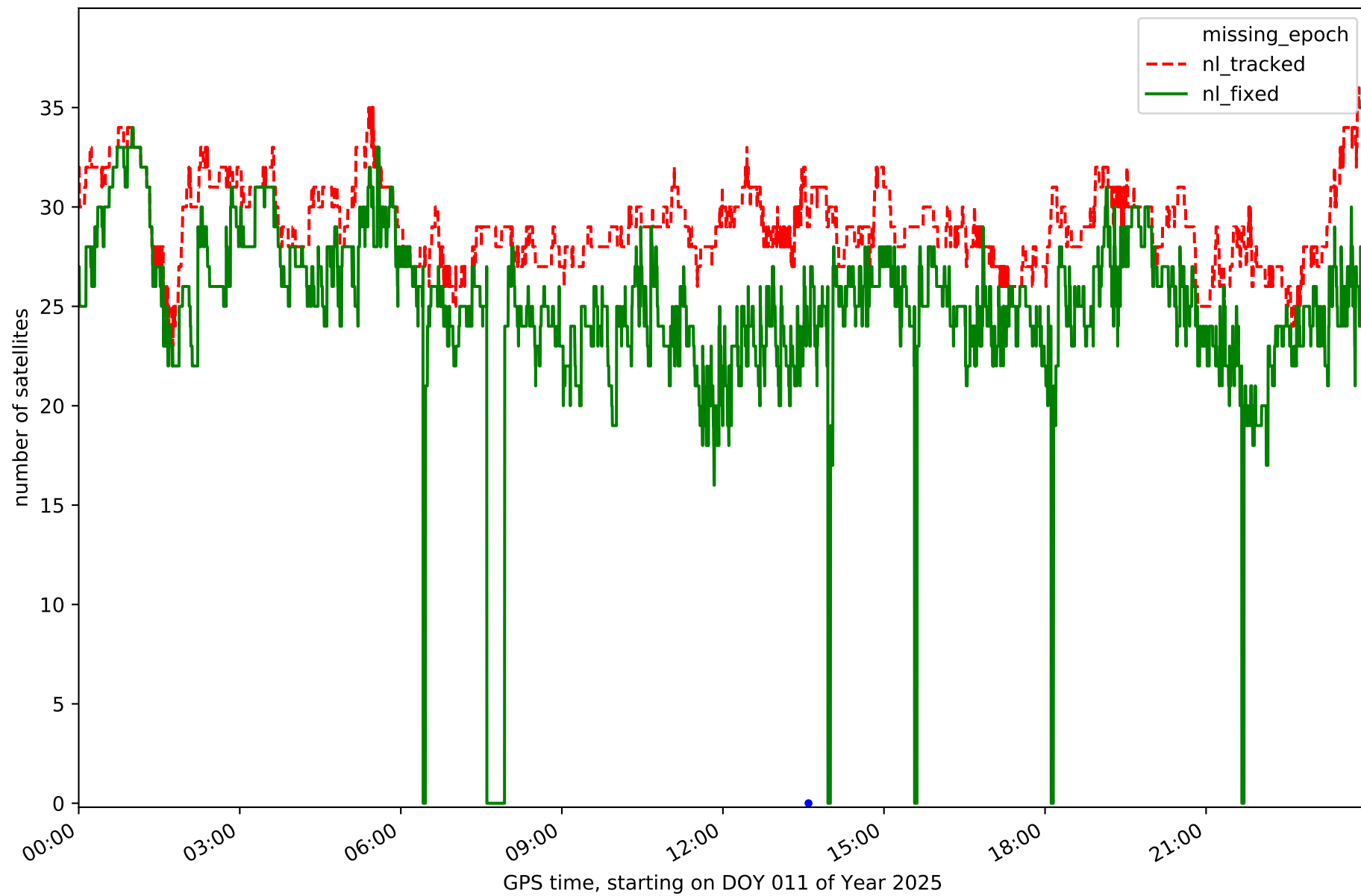
Station FRAG in network NET9



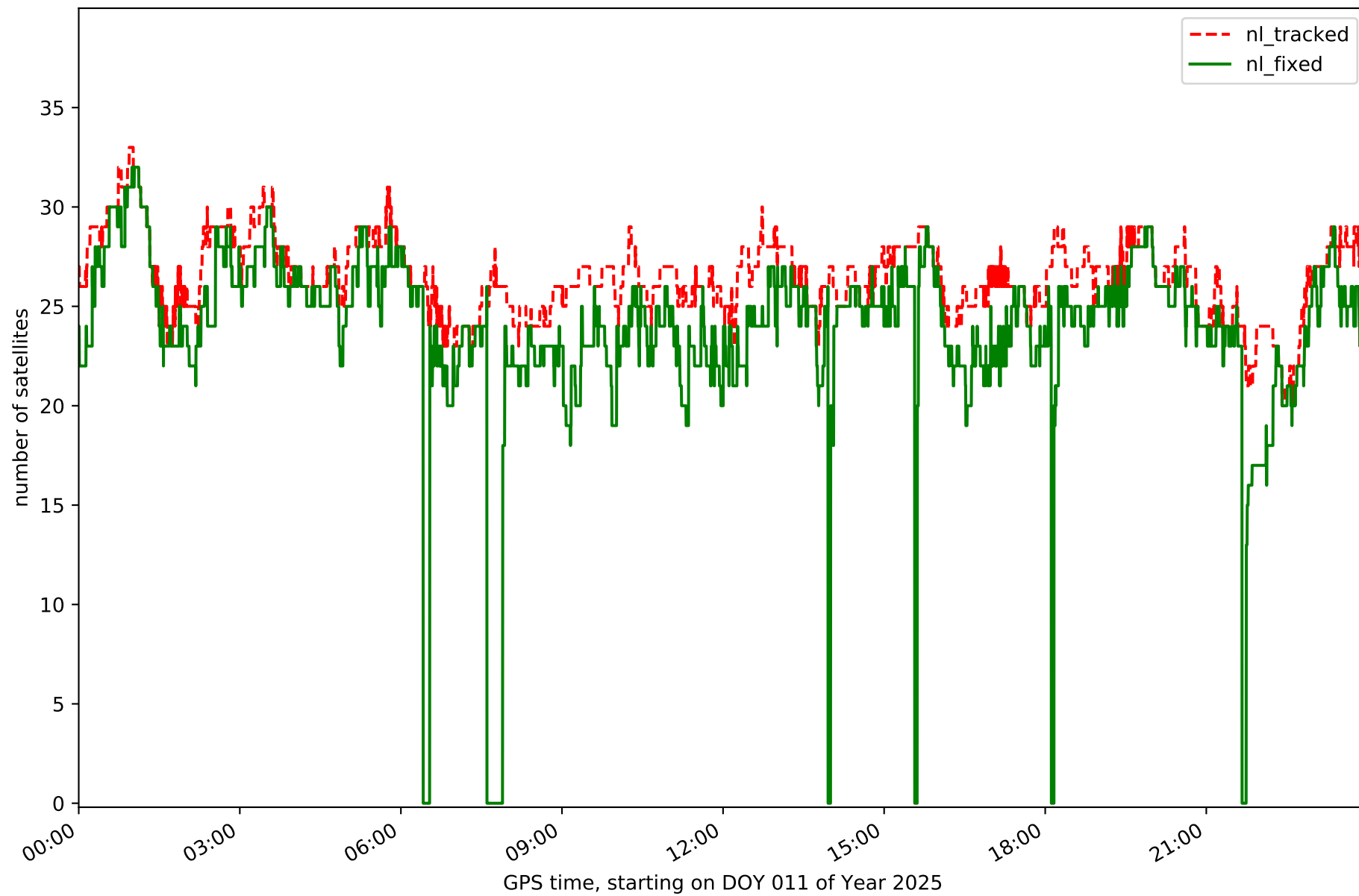
# Station JACA in network NET9



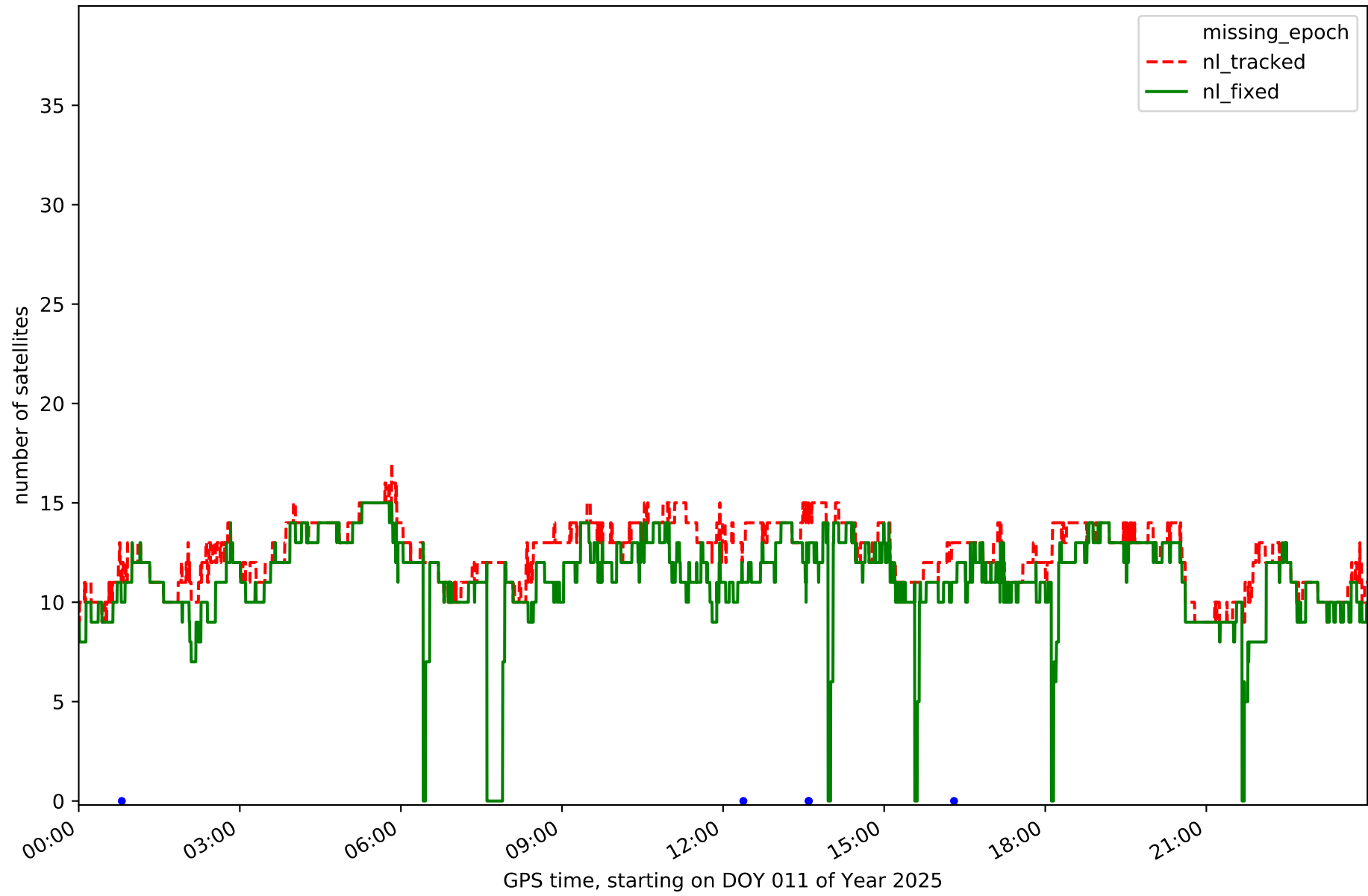
Station OSCA in network NET9



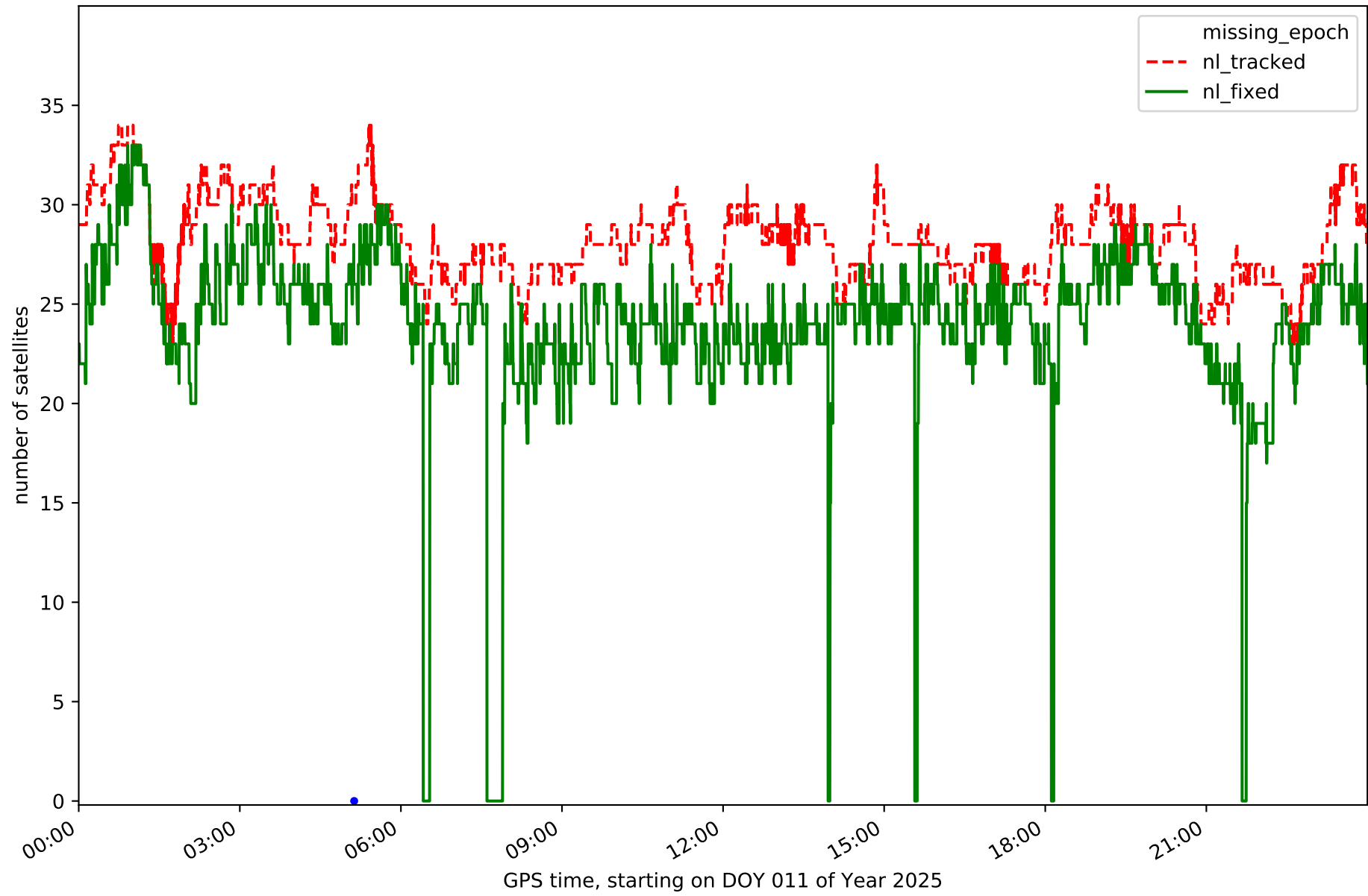
Station RONL in network NET9



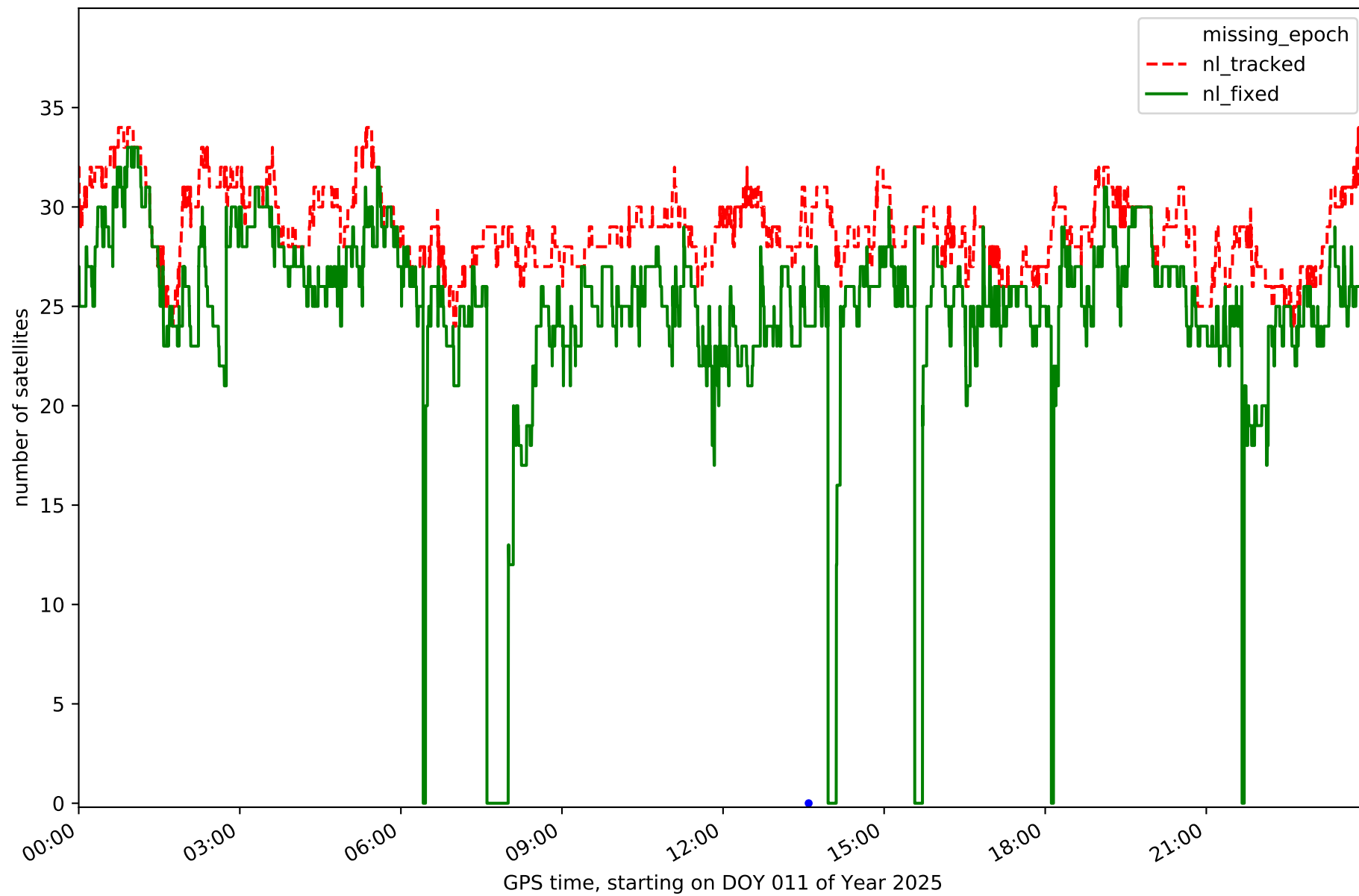
Station SABI in network NET9



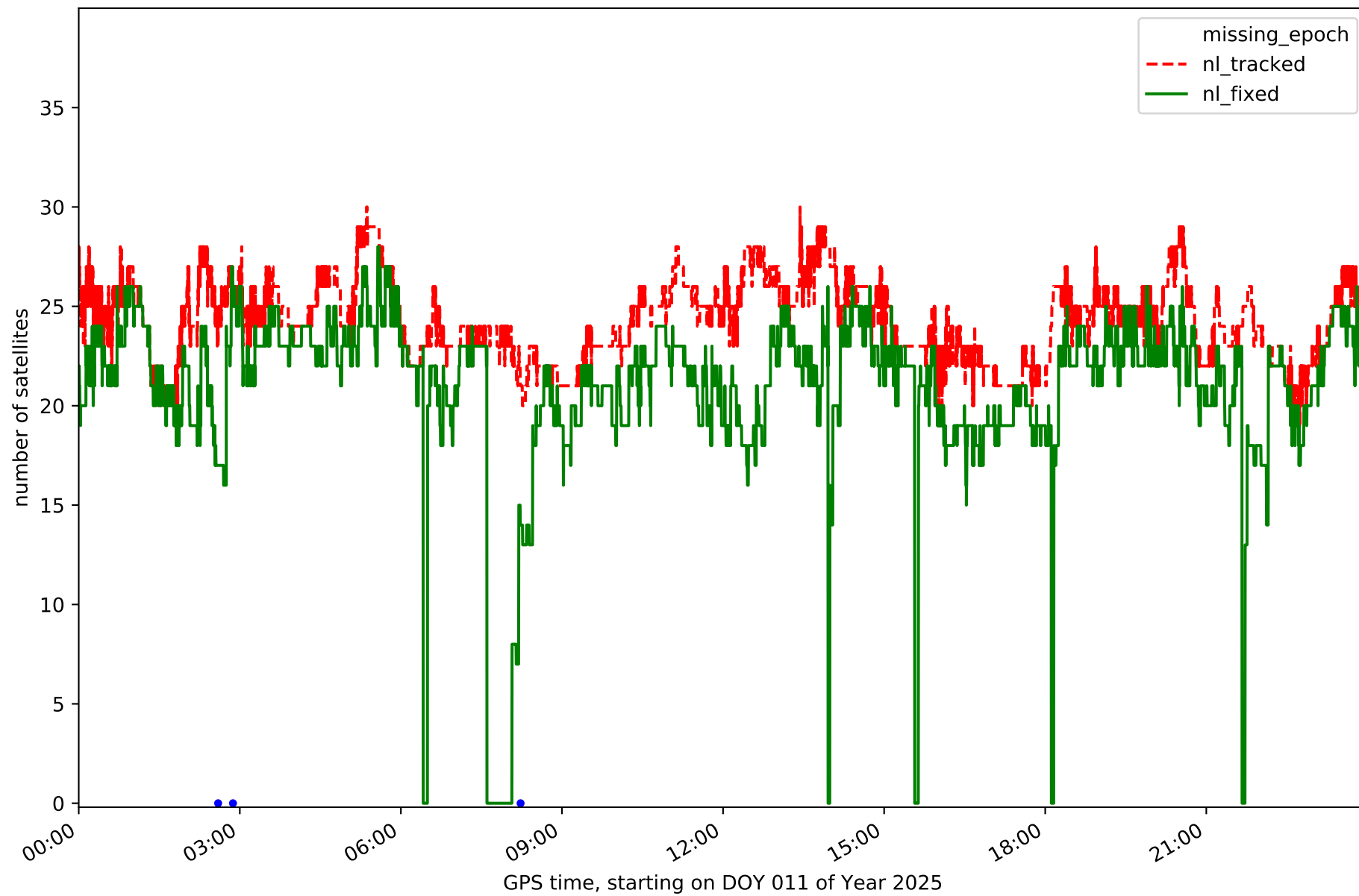
Station SANS in network NET9



Station SRNA in network NET9

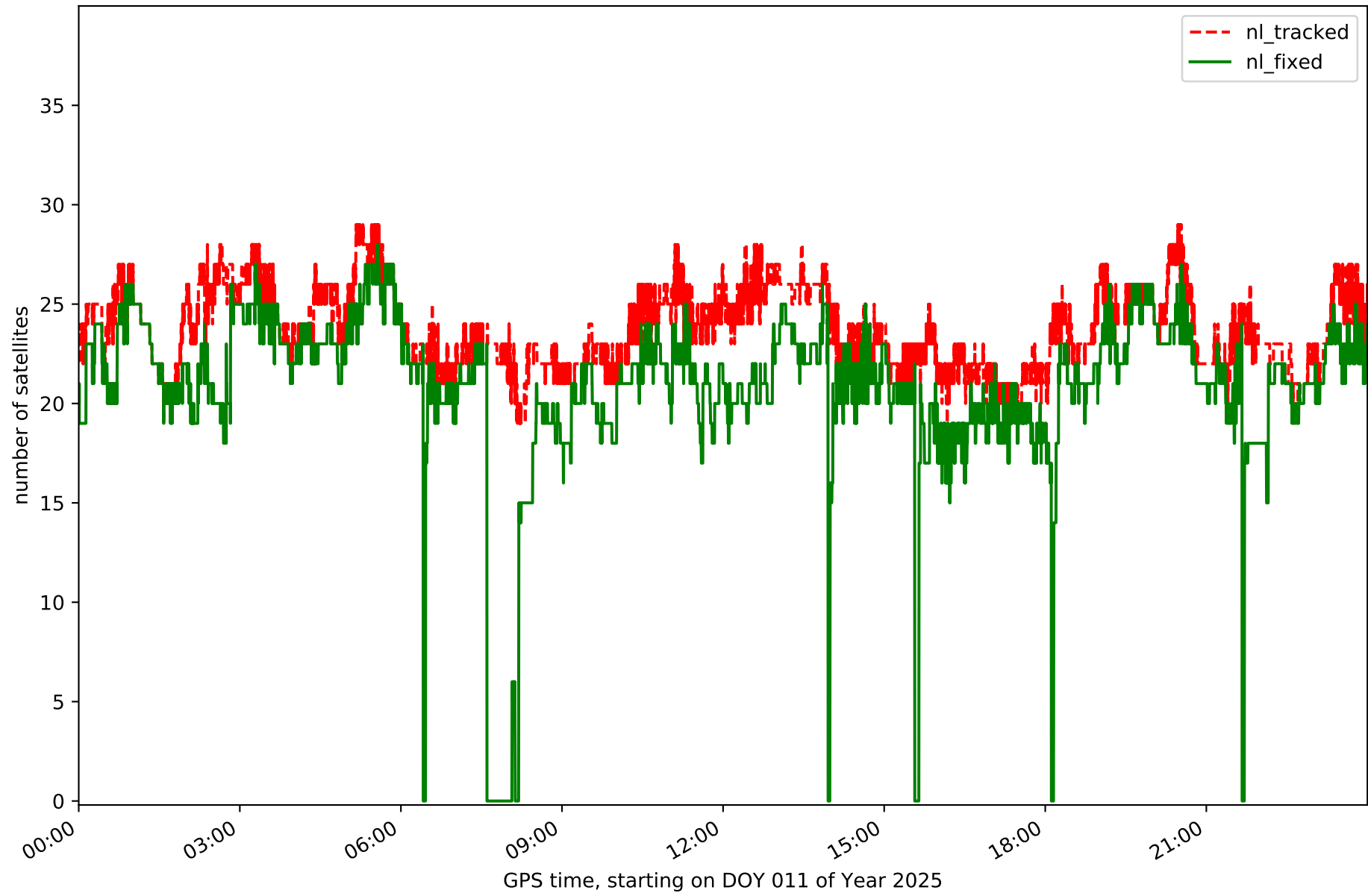


Station TUD1 in network NET9

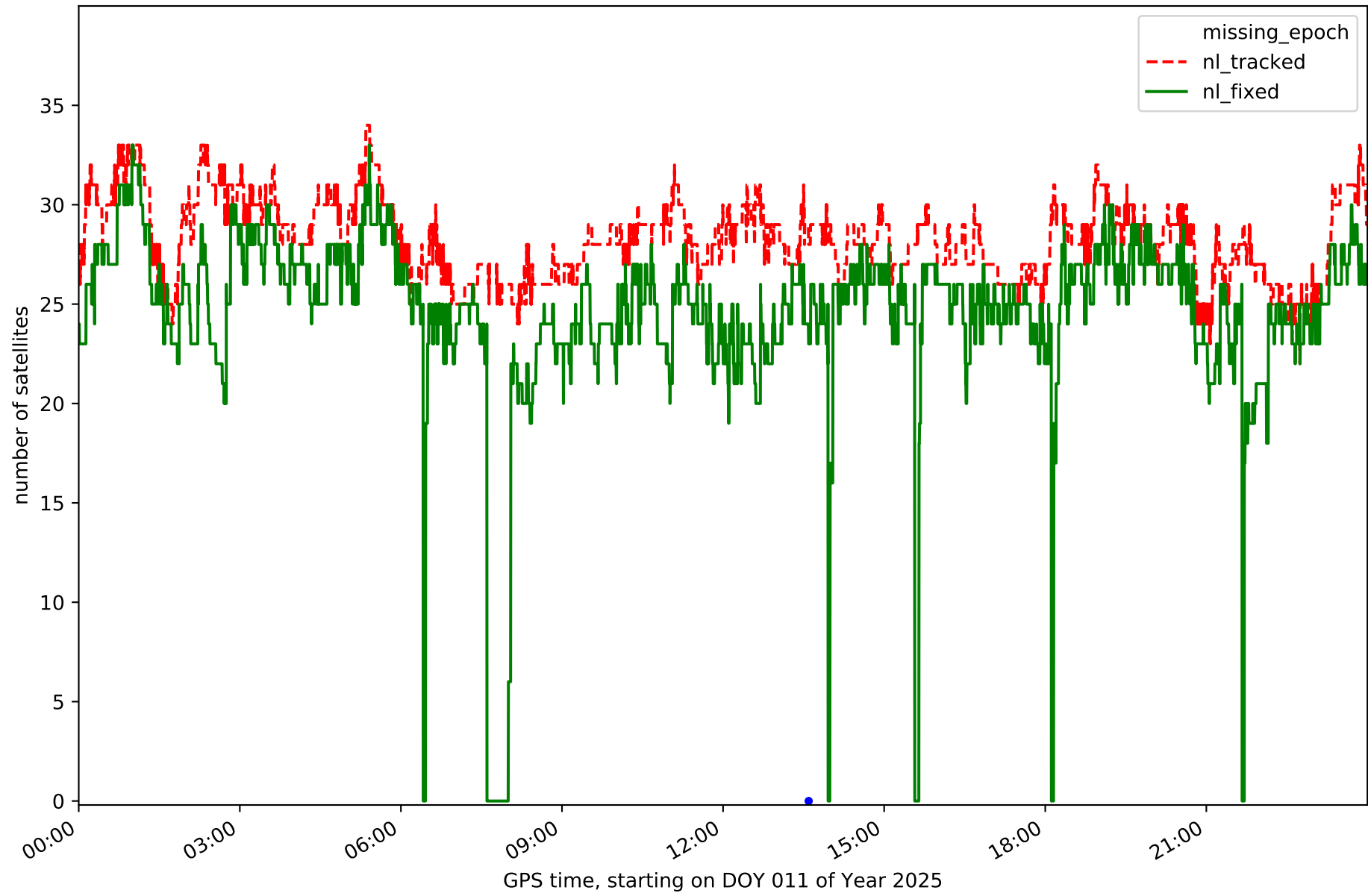




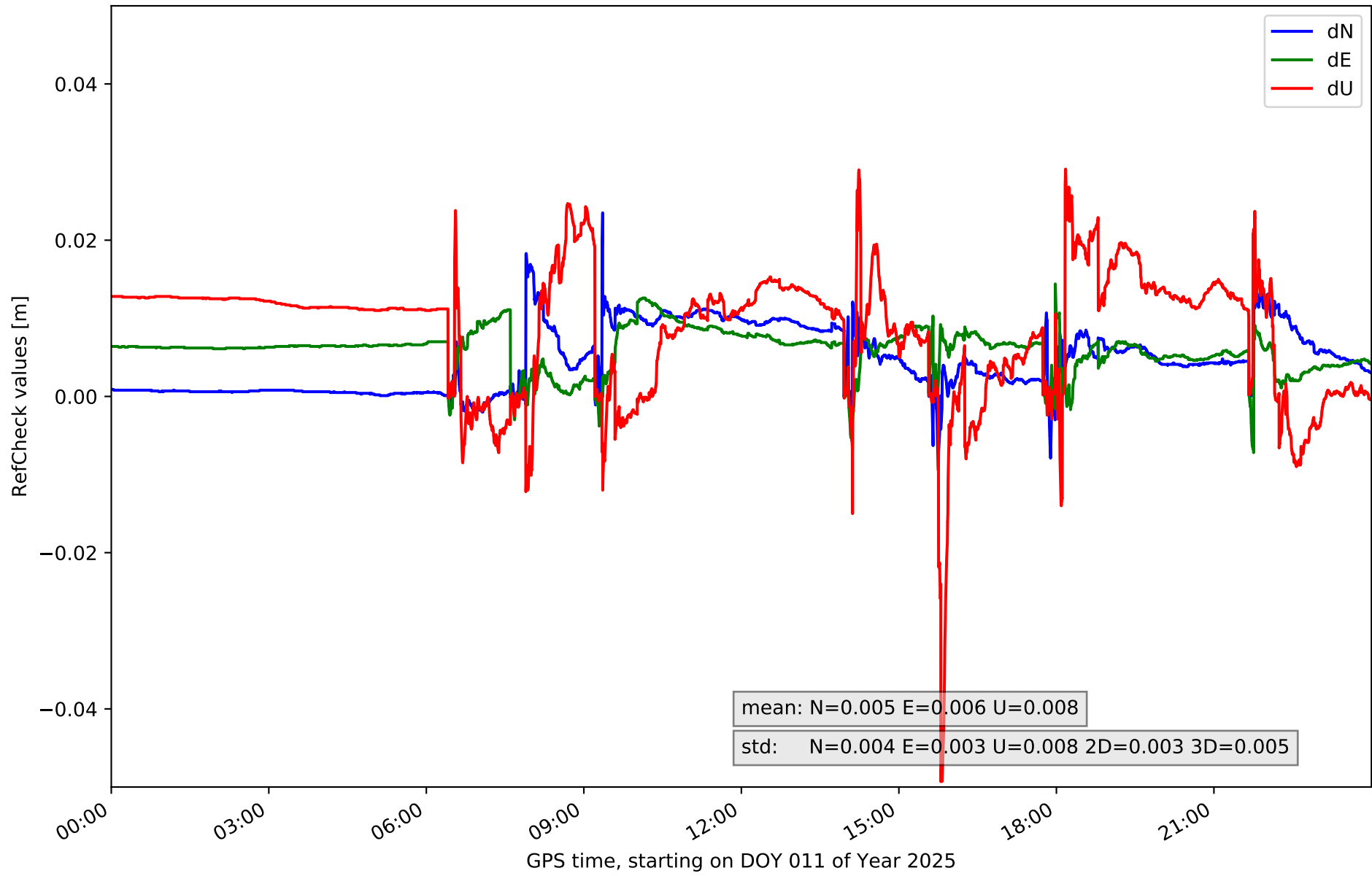
Station ZARA in network NET9



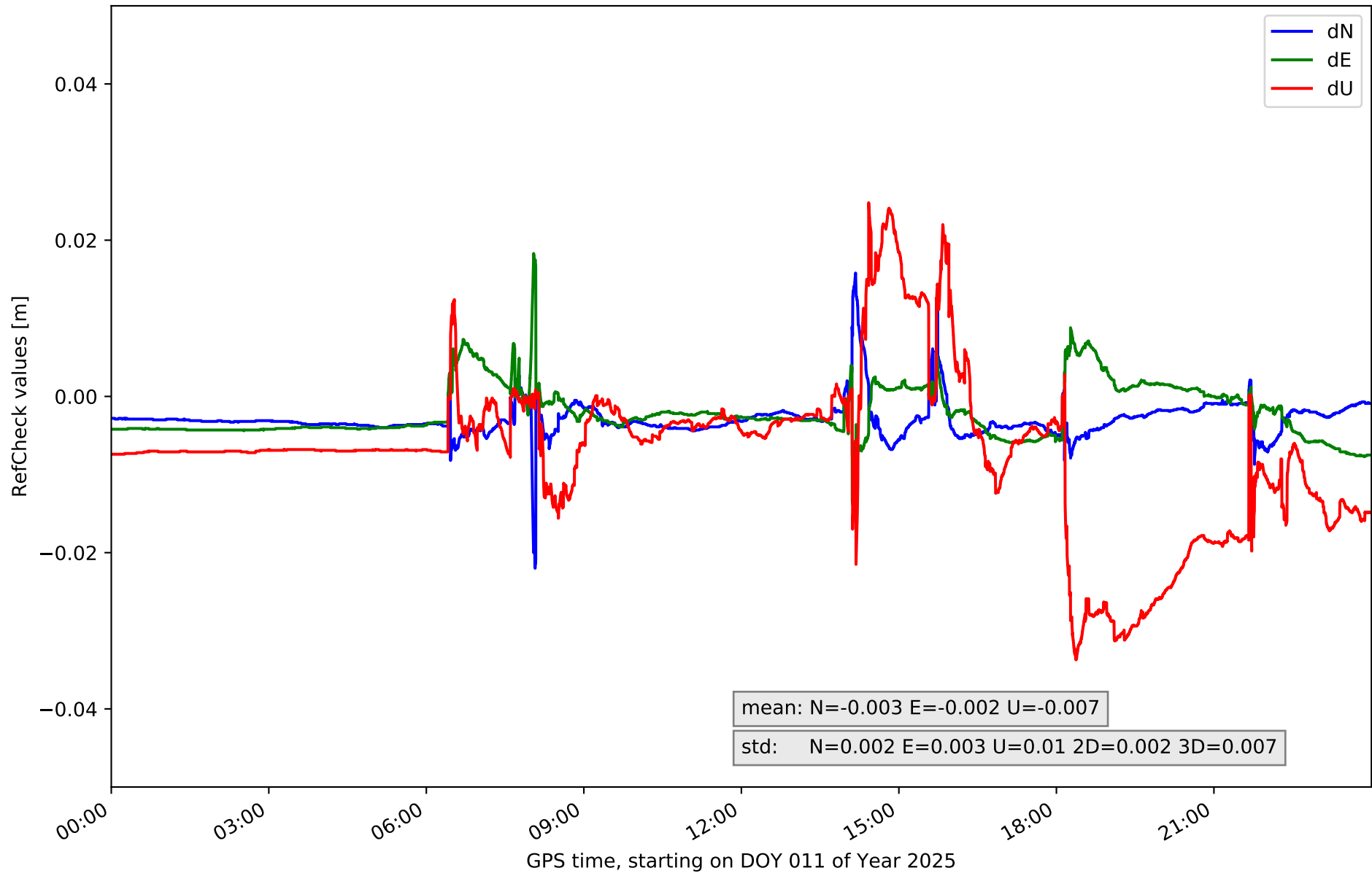
Station ZUER in network NET9



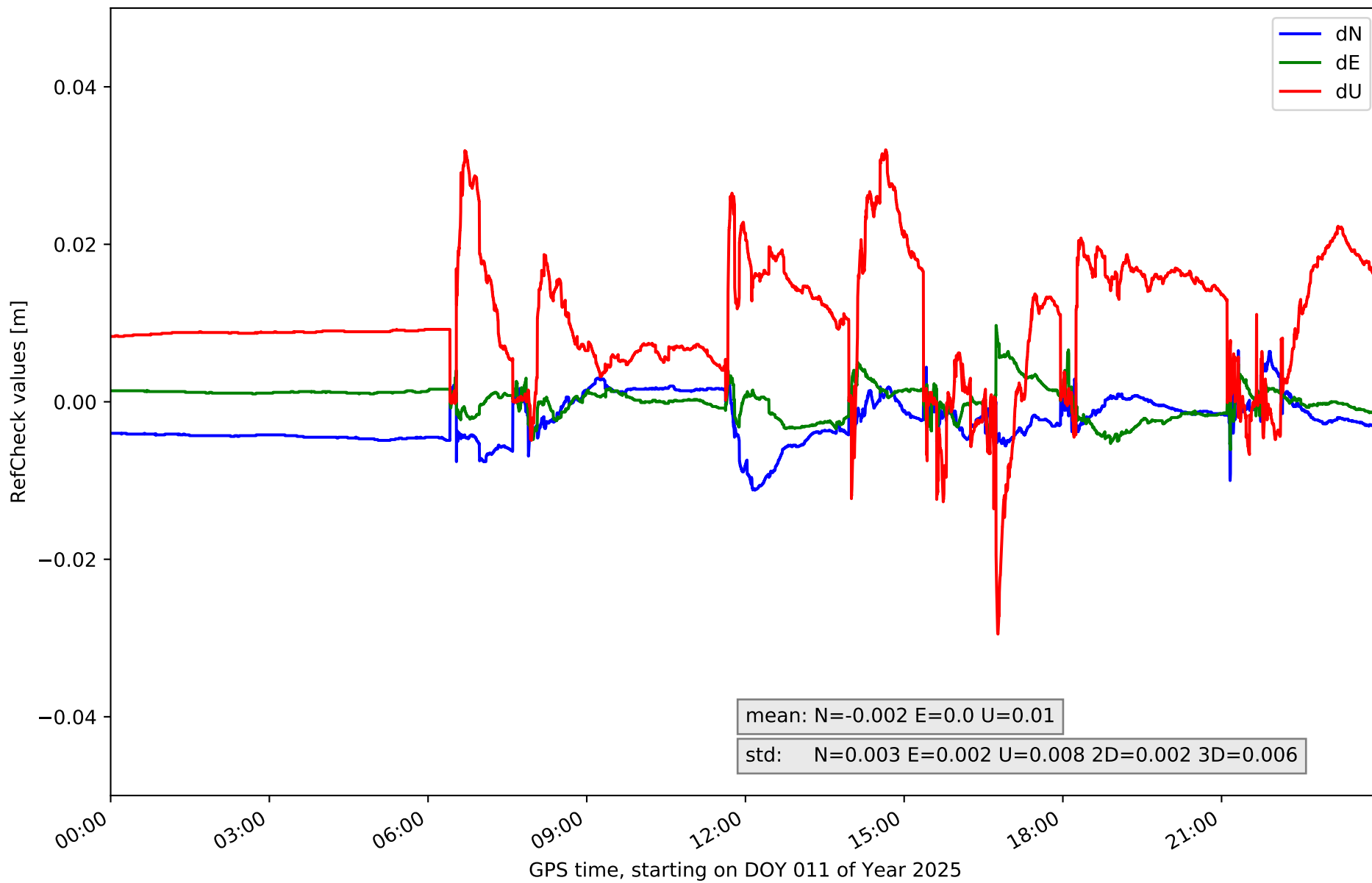
# RefCheck for station ARIB in network NET9



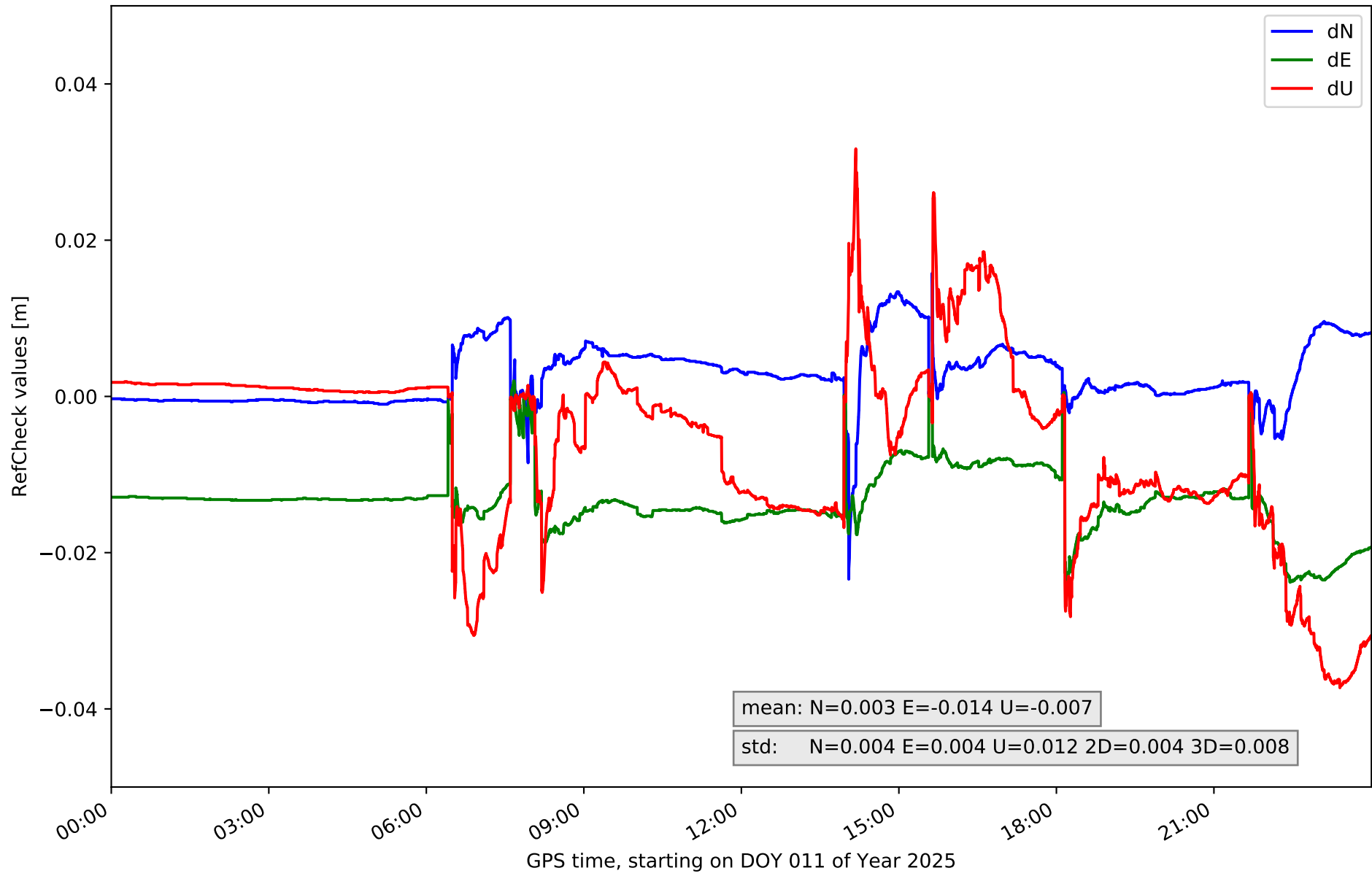
# RefCheck for station BINE in network NET9



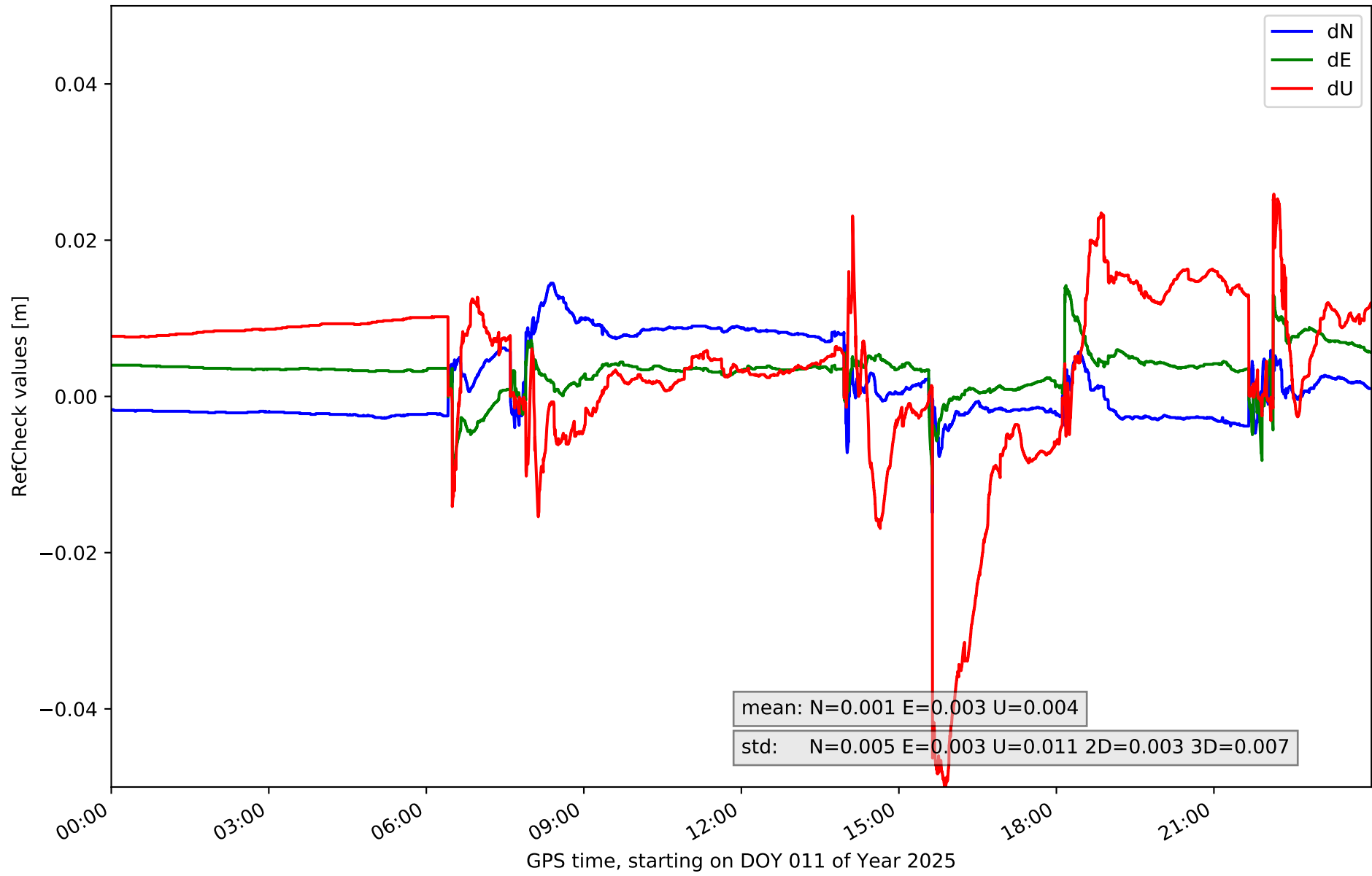
### RefCheck for station BLGU in network NET9



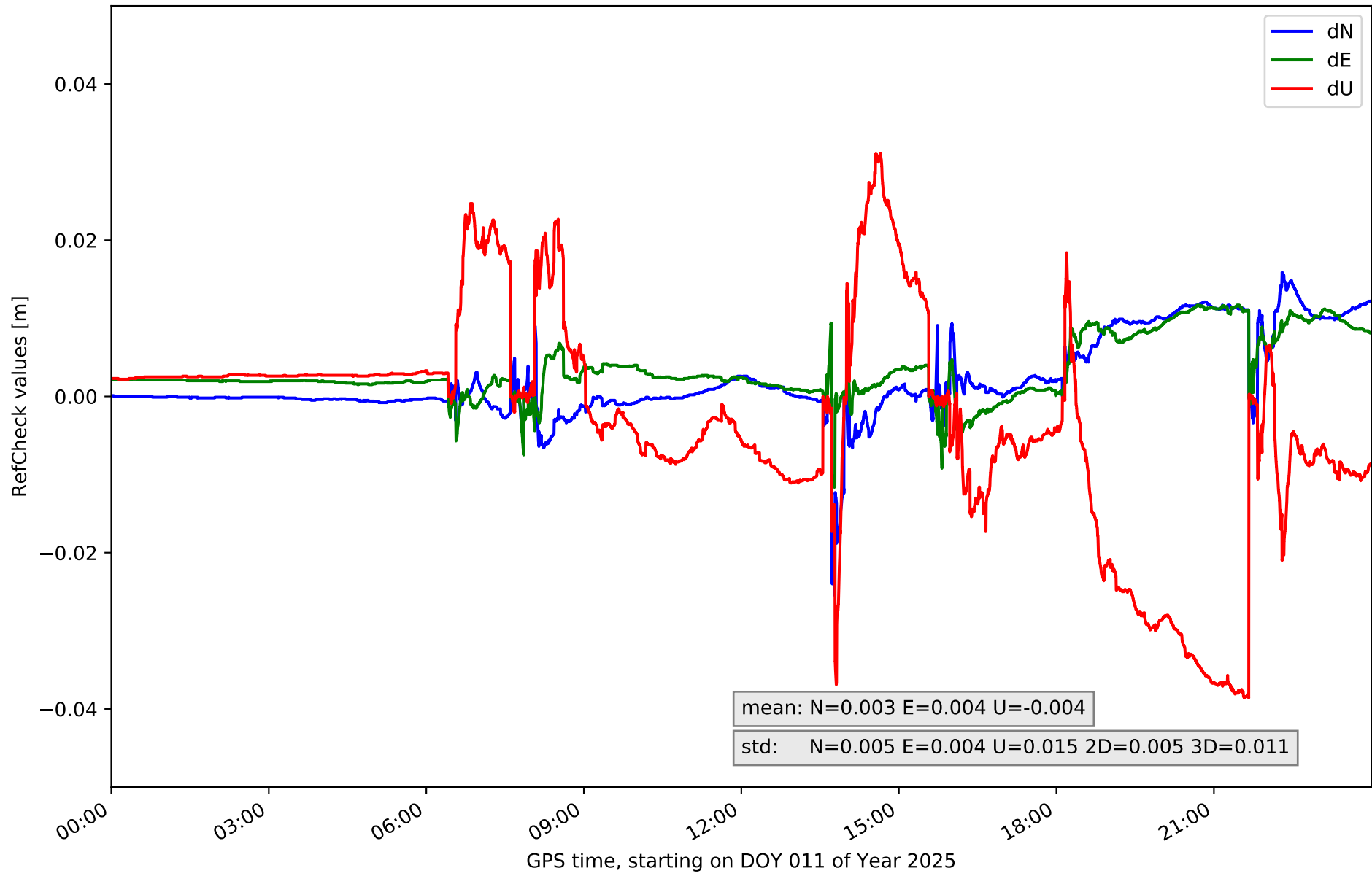
# RefCheck for station BRJA in network NET9



# RefCheck for station CARC in network NET9

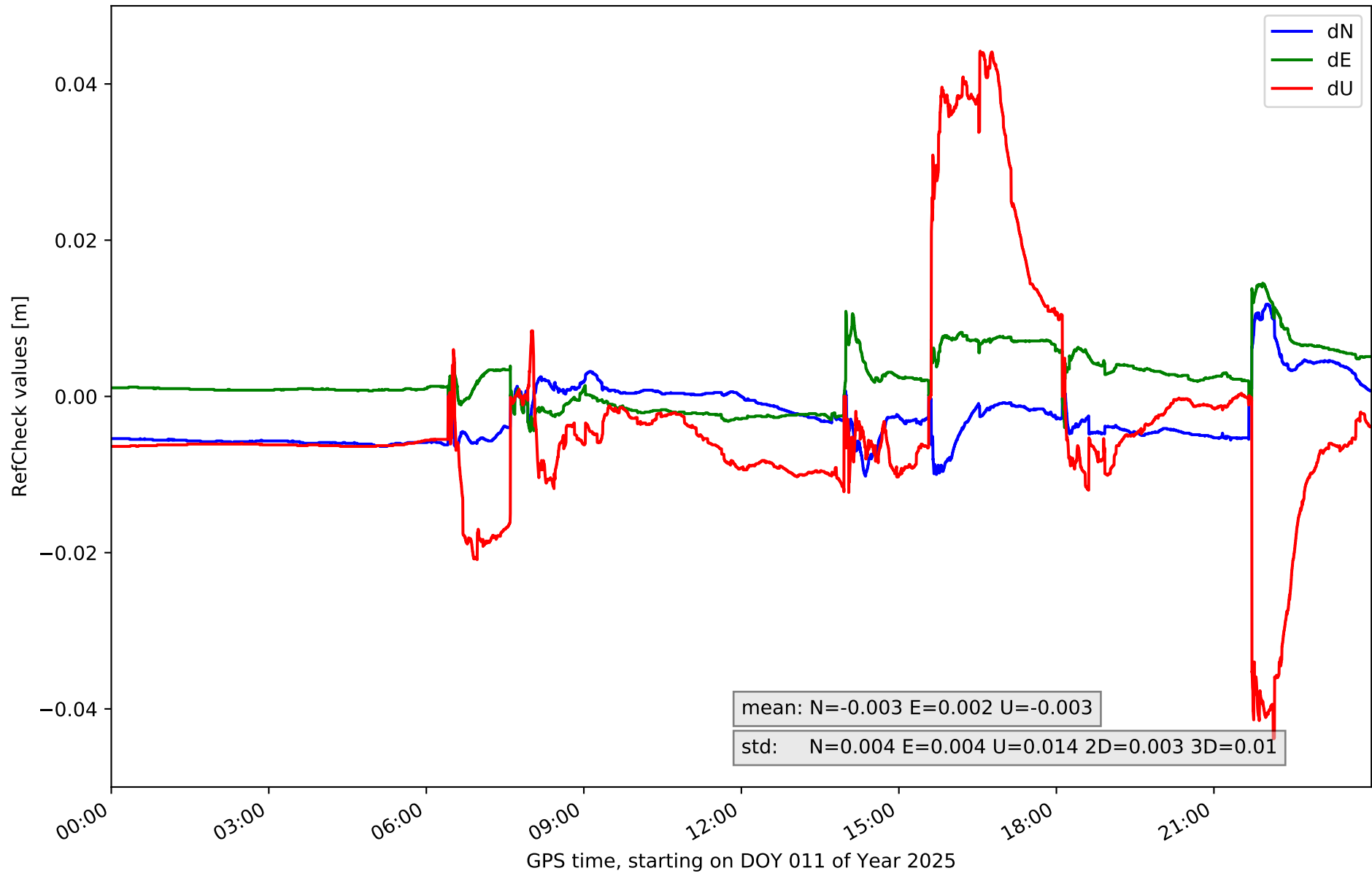


# RefCheck for station CSOS in network NET9

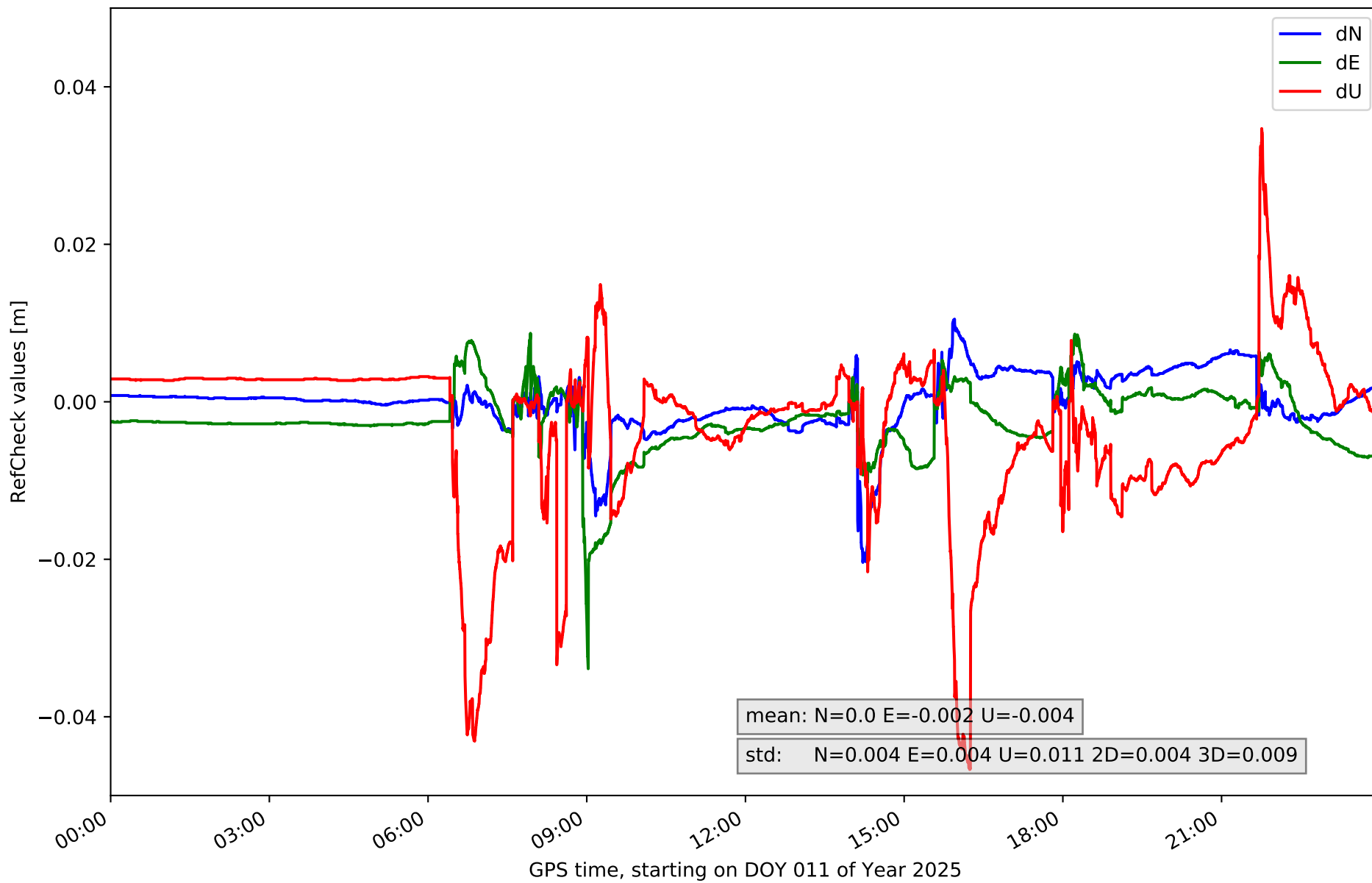




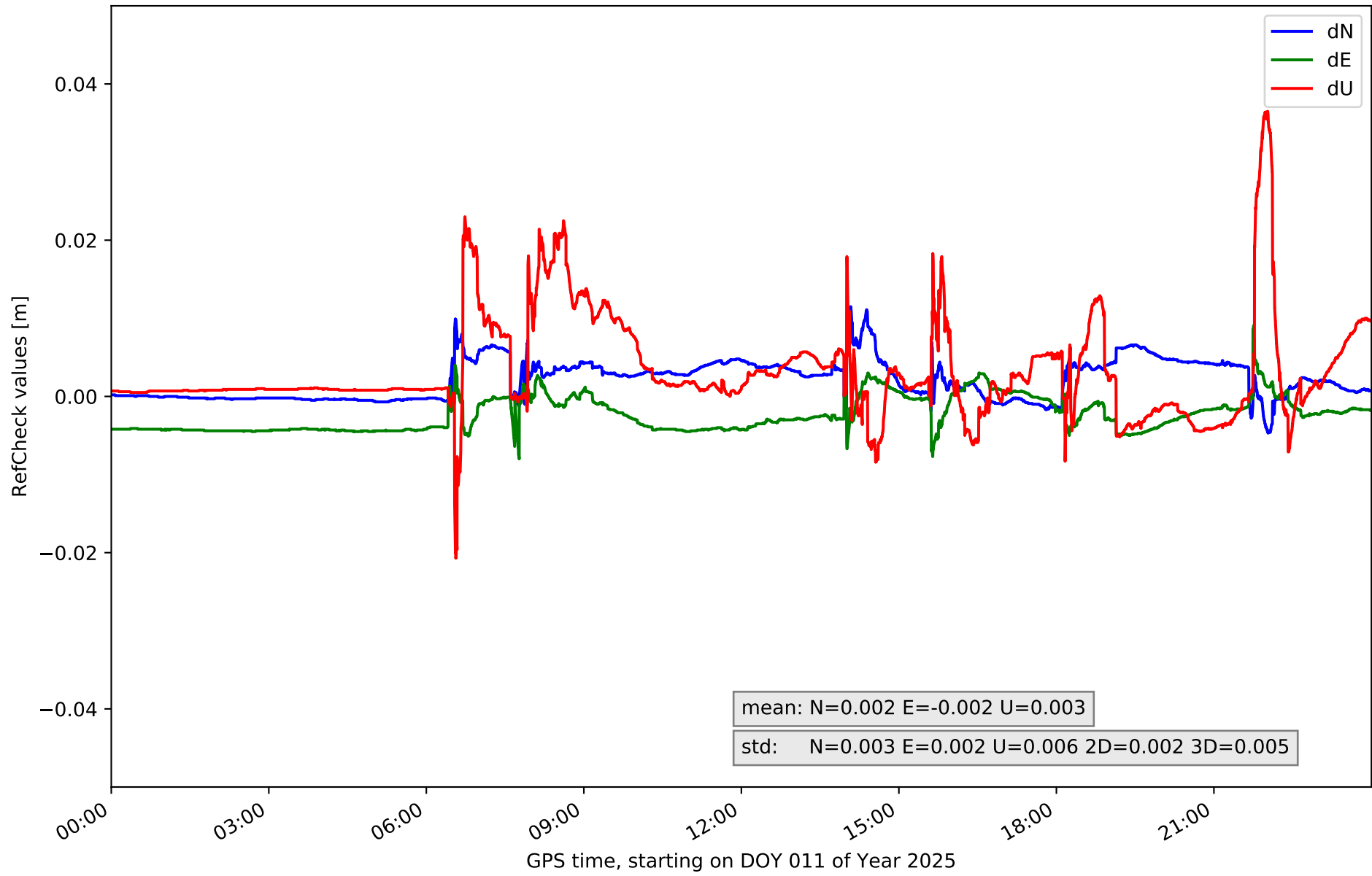
# RefCheck for station EJEA in network NET9



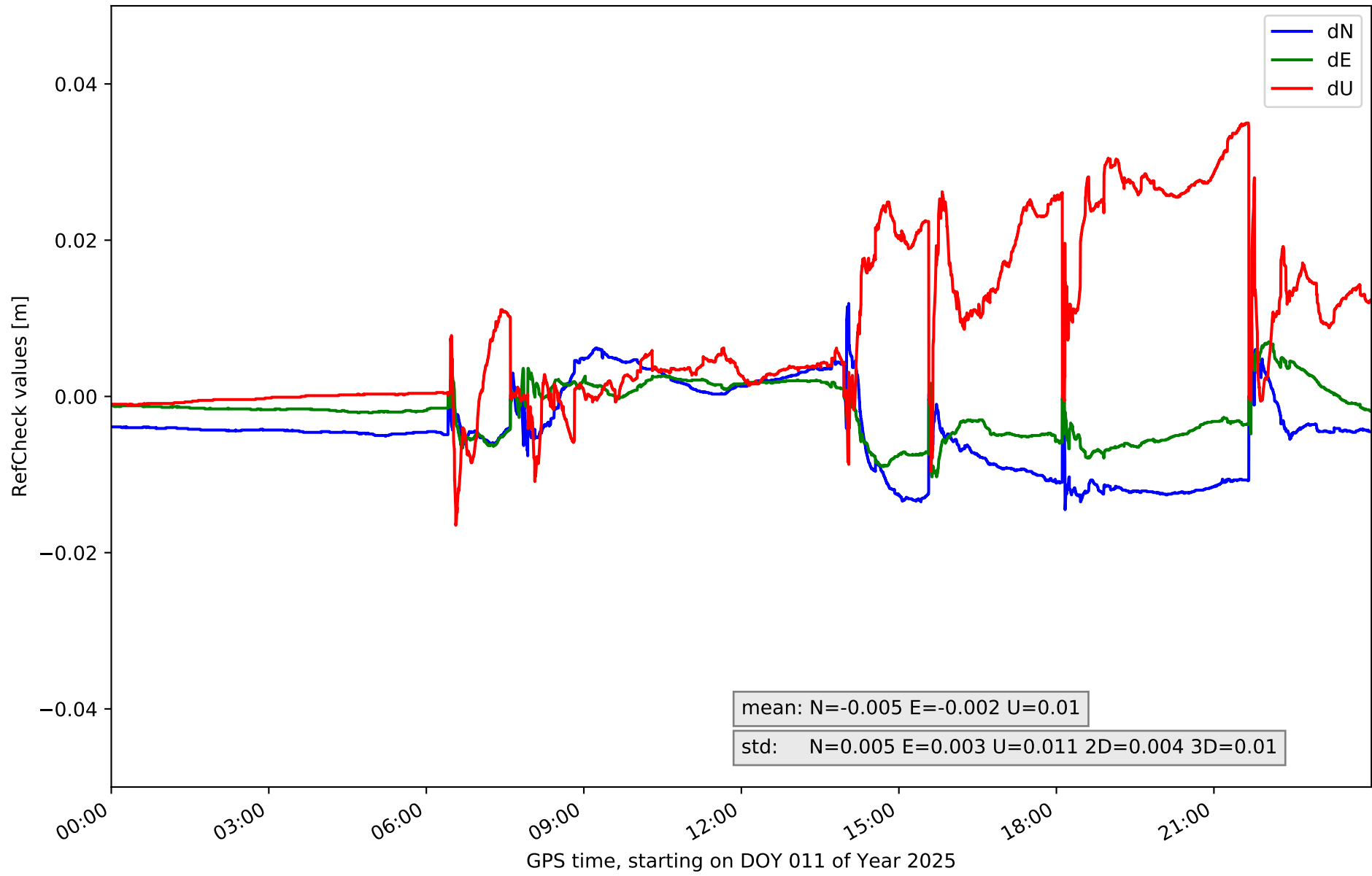
# RefCheck for station FRAG in network NET9



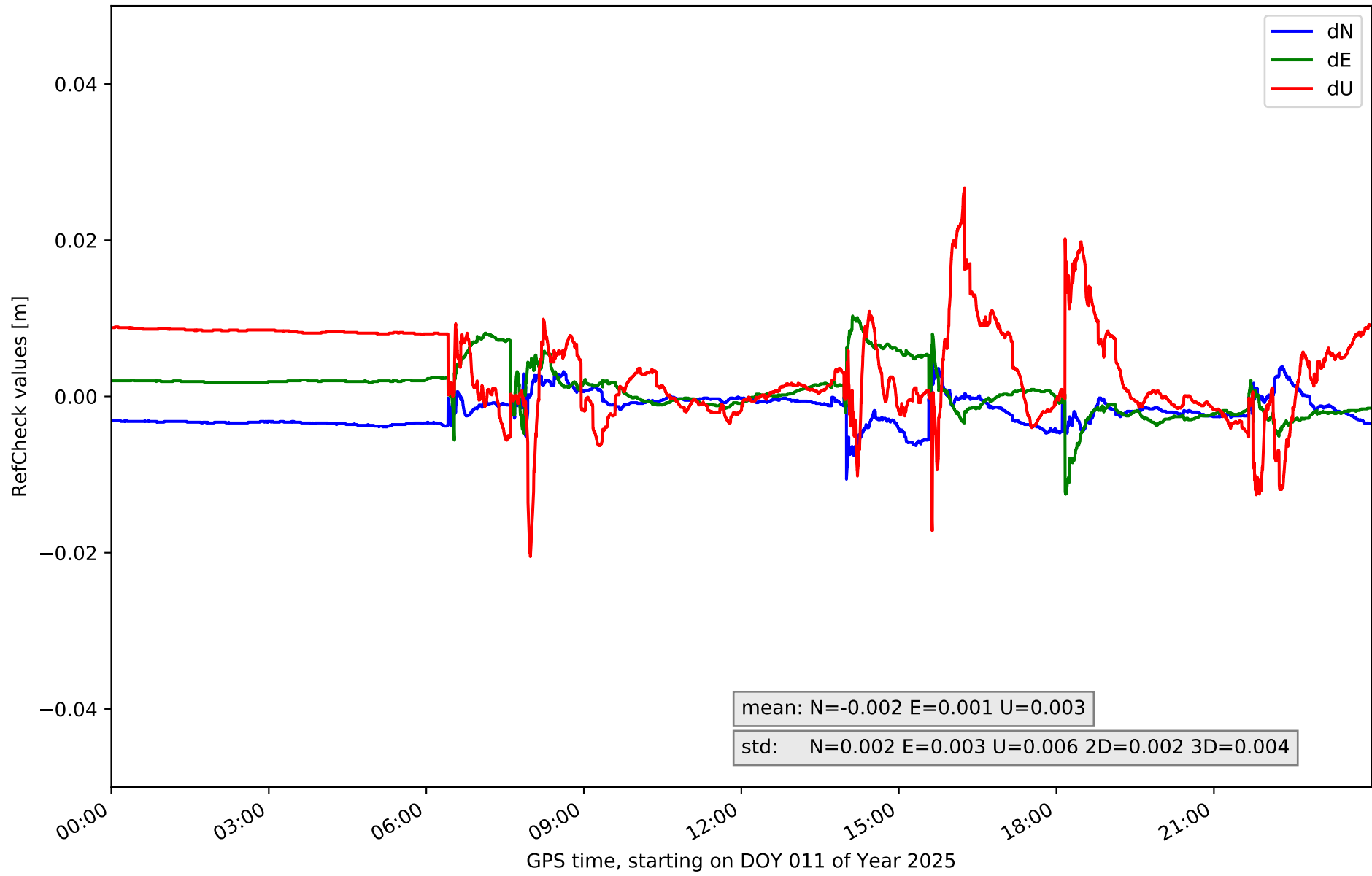
RefCheck for station JACA in network NET9



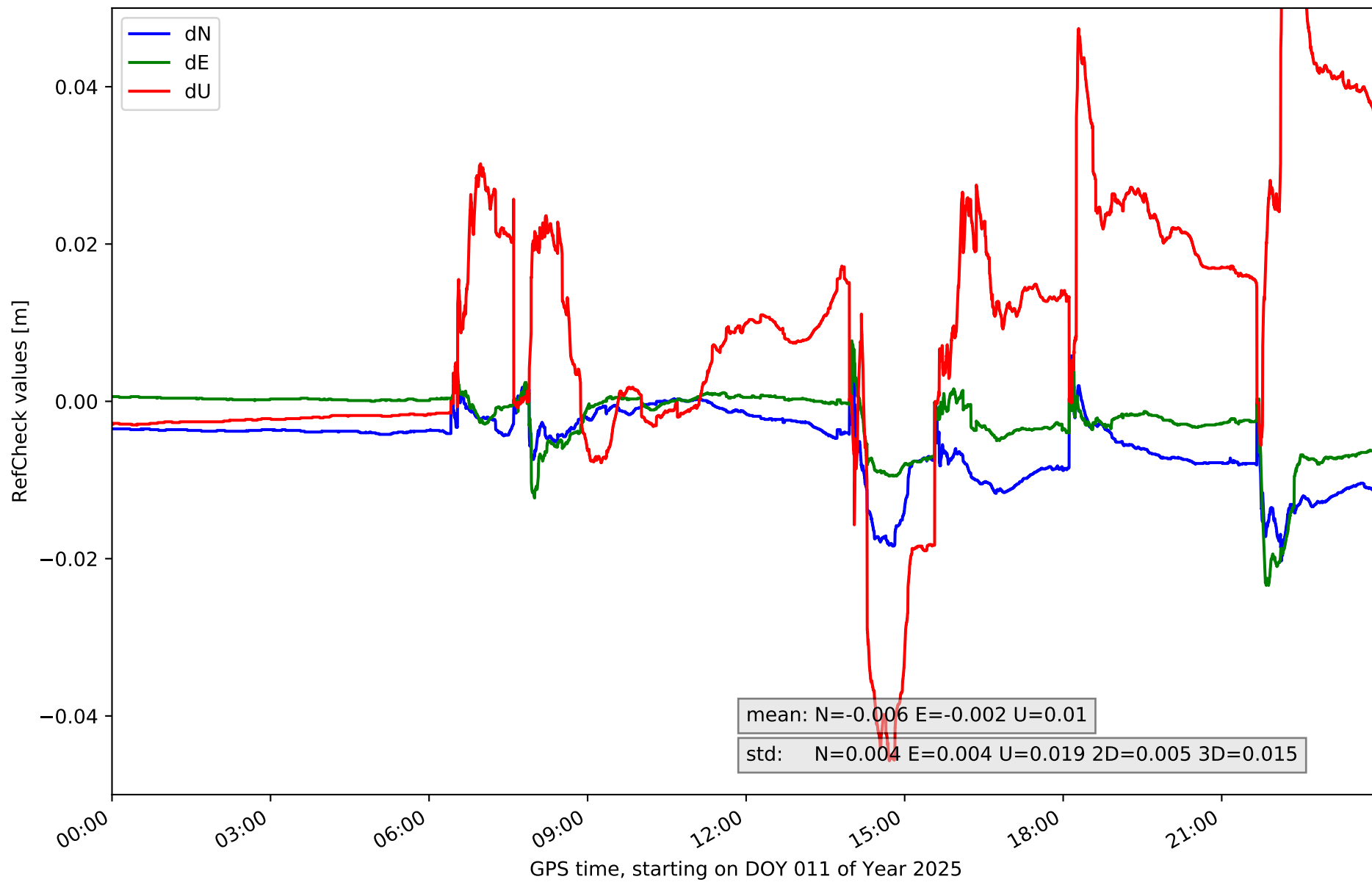
# RefCheck for station OSCA in network NET9



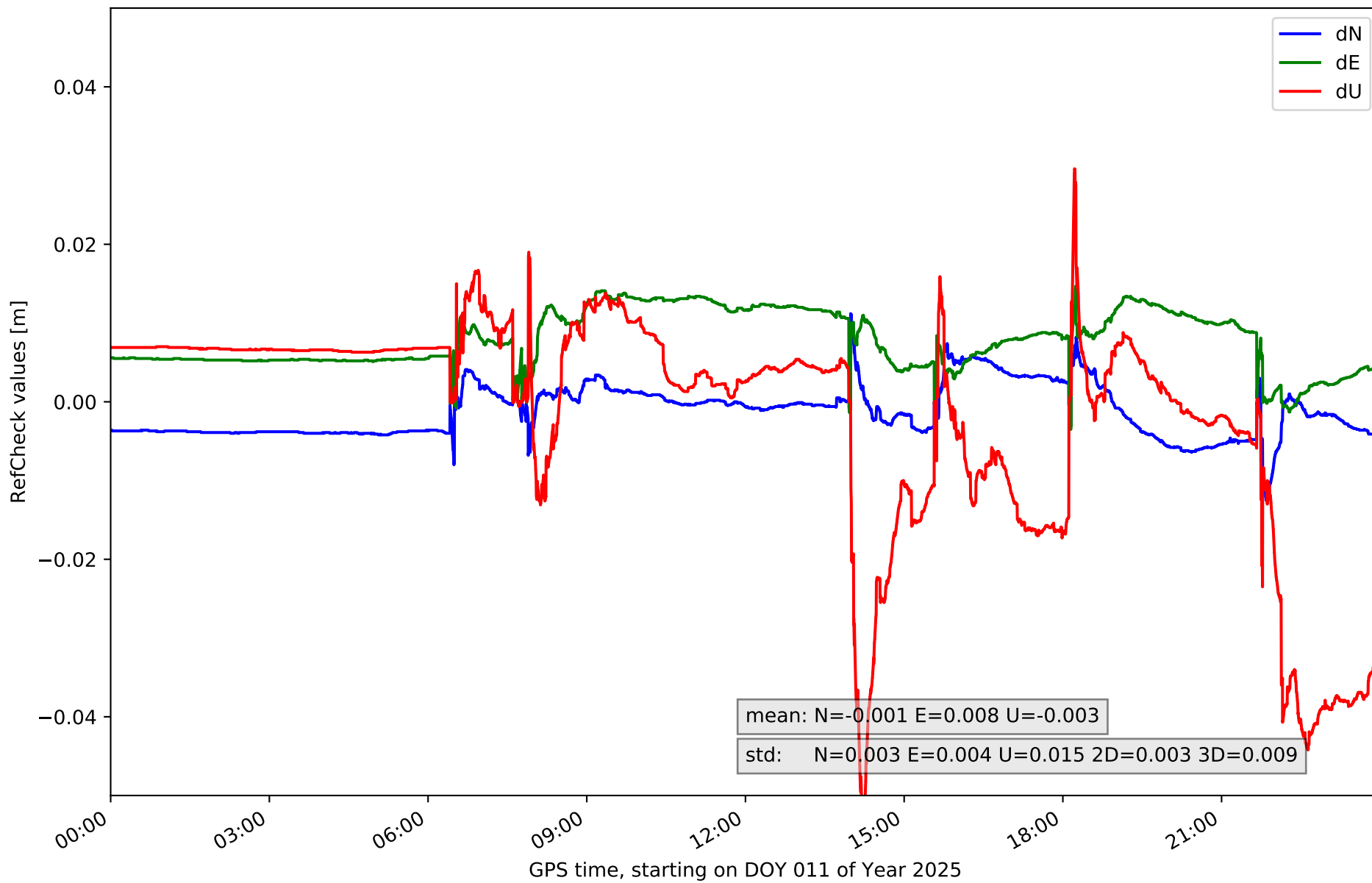
# RefCheck for station RONL in network NET9



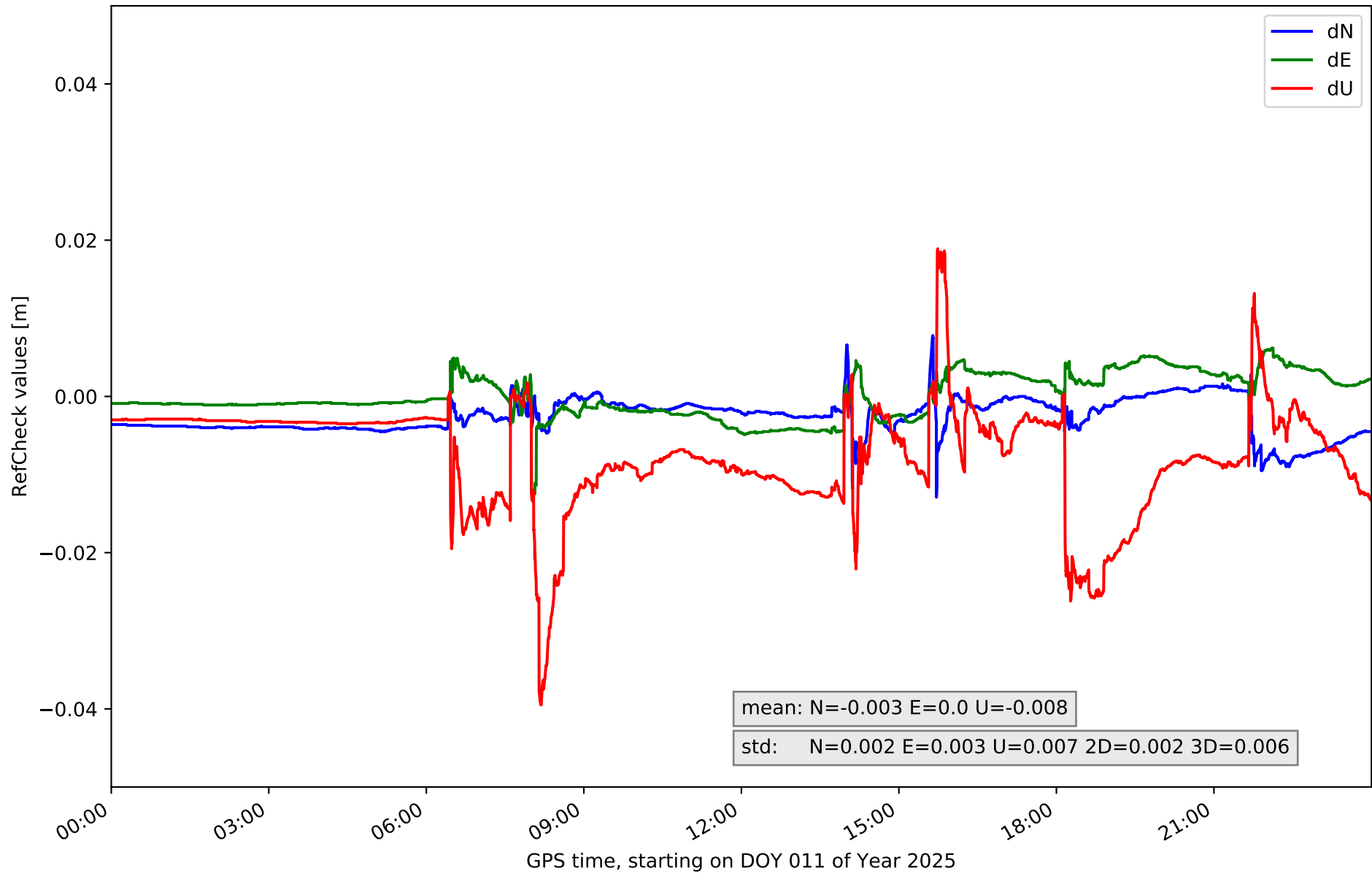
RefCheck for station SABI in network NET9



### RefCheck for station SANS in network NET9

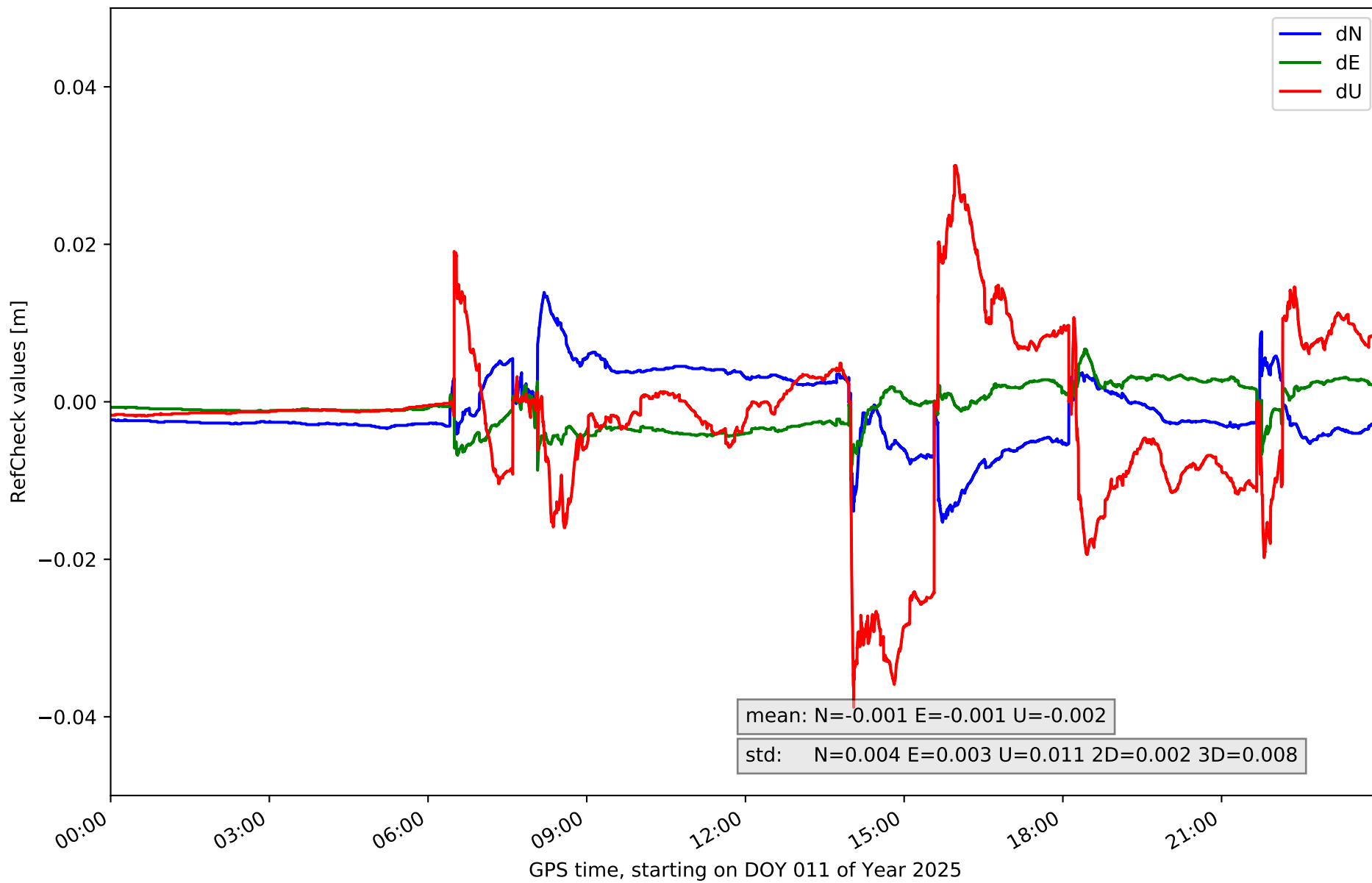


# RefCheck for station SRNA in network NET9

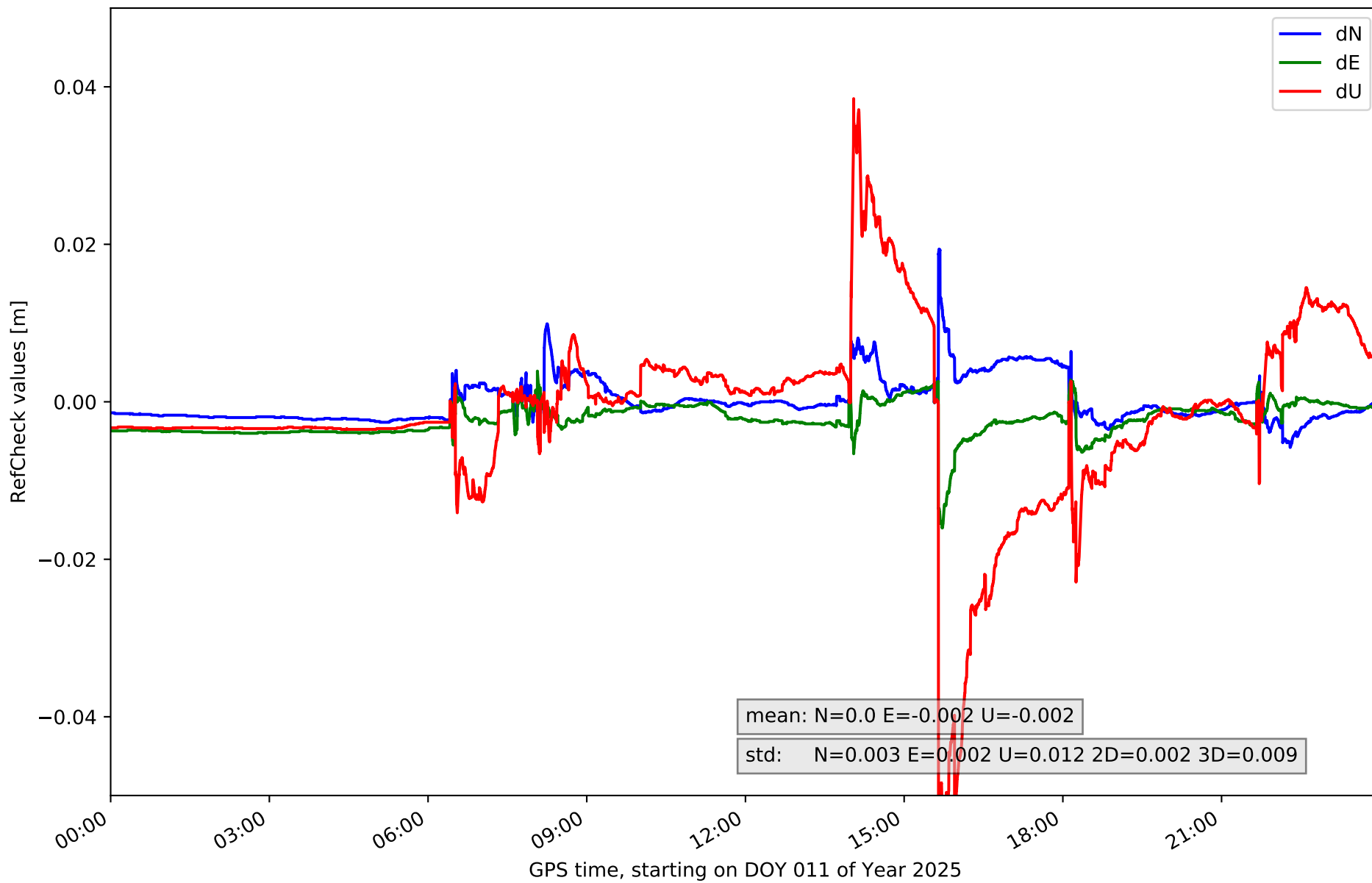




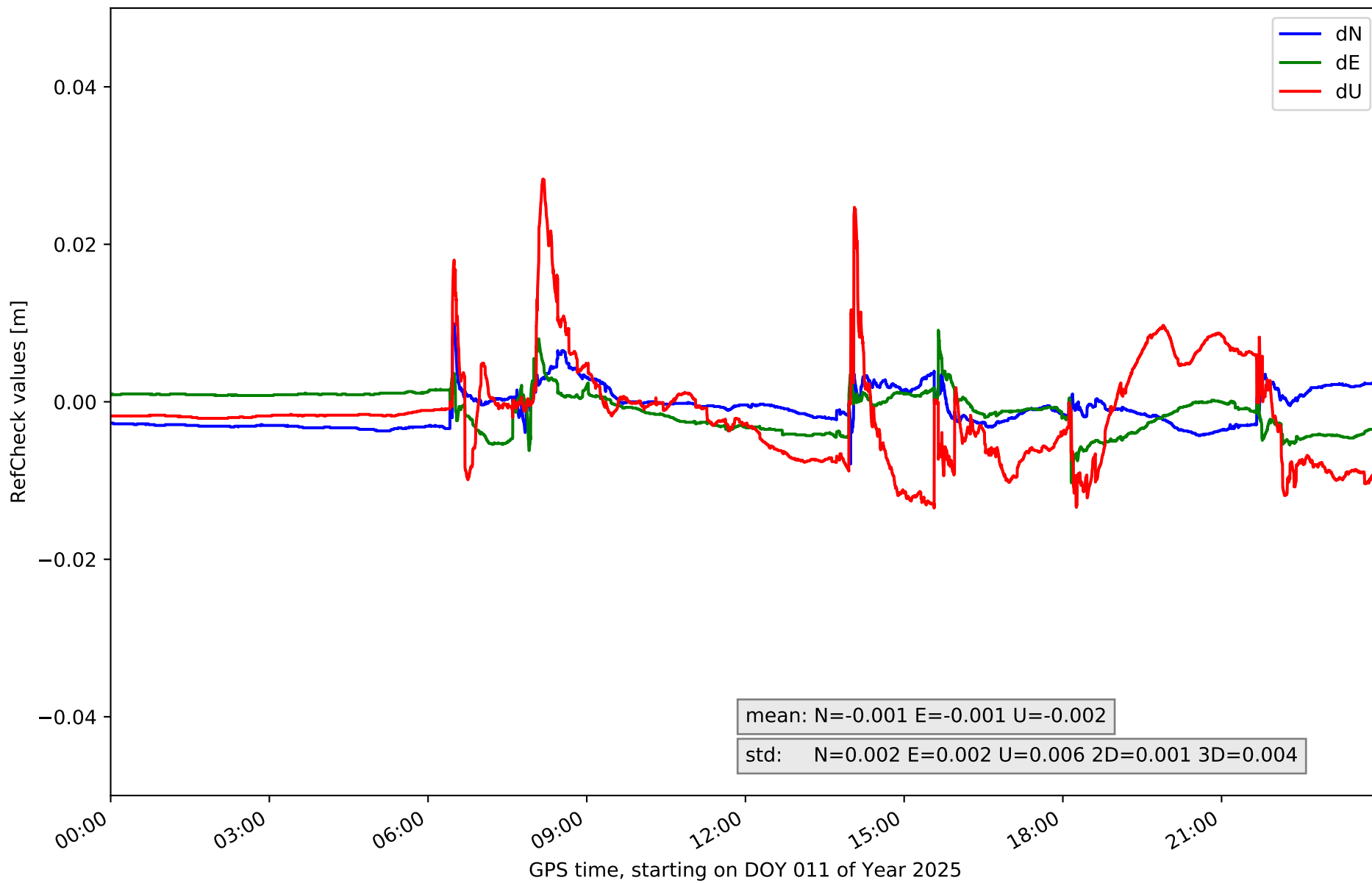
### RefCheck for station TUD1 in network NET9



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	-0.009	<b>0.024</b>	0.004	-0.007	0.014	0.003	-0.049	0.029	0.008	0.003	0.005	11121	23.7	4340	9.3
BINE	-0.022	0.016	0.002	-0.014	<b>0.018</b>	0.003	-0.034	0.025	0.01	0.002	0.007	642	1.4	5893	12.6
BLGU	-0.011	0.006	0.003	-0.006	0.01	0.002	-0.029	0.032	0.008	0.002	0.006	485	1.0	4897	10.4
BRJA	-0.023	0.016	0.004	-0.024	0.002	<b>0.004</b>	-0.037	0.032	0.012	0.004	0.008	<b>43350</b>	<b>92.4</b>	13168	28.1
CARC	-0.015	0.015	<b>0.005</b>	-0.011	0.014	0.003	-0.05	0.026	0.011	0.003	0.007	2874	6.1	2854	6.1
CSOS	<b>-0.025</b>	0.016	<b>0.005</b>	-0.012	0.012	<b>0.004</b>	-0.039	0.031	0.015	<b>0.005</b>	0.011	12147	25.9	10593	22.6
EJEA	-0.01	0.012	0.004	-0.004	0.015	<b>0.004</b>	-0.044	0.044	0.014	0.003	0.01	2156	4.6	6007	12.8
FRAG	-0.02	0.011	0.004	<b>-0.034</b>	0.009	<b>0.004</b>	-0.047	0.035	0.011	0.004	0.009	2341	5.0	5039	10.7
JACA	-0.005	0.011	0.003	-0.008	0.009	0.002	-0.021	0.036	0.006	0.002	0.005	277	0.6	1579	3.4
OSCA	-0.015	0.012	<b>0.005</b>	-0.01	0.008	0.003	-0.017	0.035	0.011	0.004	0.01	13554	28.9	12717	27.1
RONL	-0.011	0.004	0.002	-0.013	0.01	0.003	-0.021	0.027	0.006	0.002	0.004	709	1.5	503	1.1
SABI	-0.02	0.006	0.004	-0.023	0.008	<b>0.004</b>	-0.046	<b>0.074</b>	<b>0.019</b>	<b>0.005</b>	<b>0.015</b>	10802	23.0	<b>16777</b>	<b>35.8</b>
SANS	-0.013	0.011	0.003	-0.004	0.015	<b>0.004</b>	-0.055	0.03	0.015	0.003	0.009	18175	38.8	6481	13.8
SRNA	-0.013	0.008	0.002	-0.013	0.006	0.003	-0.04	0.019	0.007	0.002	0.006	390	0.8	3162	6.7
TUD1	-0.015	0.014	0.004	-0.009	0.007	0.003	-0.039	0.03	0.011	0.002	0.008	2295	4.9	5072	10.8
ZARA	-0.006	0.019	0.003	-0.016	0.004	0.002	<b>-0.06</b>	0.038	0.012	0.002	0.009	563	1.2	4096	8.7
ZUER	-0.008	0.01	0.002	-0.01	0.009	0.002	-0.013	0.028	0.006	0.001	0.004	14	0.0	535	1.1
<b>Mean</b>	<b>-0.014</b>	<b>0.012</b>	<b>0.003</b>	<b>-0.013</b>	<b>0.01</b>	<b>0.003</b>	<b>-0.038</b>	<b>0.034</b>	<b>0.011</b>	<b>0.003</b>	<b>0.008</b>	<b>7170.3</b>	<b>15.3</b>	<b>6100.8</b>	<b>13.0</b>
<b>Min/Max</b>	<b>-0.025</b>	<b>0.024</b>	<b>0.005</b>	<b>-0.034</b>	<b>0.018</b>	<b>0.004</b>	<b>-0.06</b>	<b>0.074</b>	<b>0.019</b>	<b>0.005</b>	<b>0.015</b>	<b>43350</b>	<b>92.4</b>	<b>16777</b>	<b>35.8</b>

fixing statistic for network NET9

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	90.1	91.6	88.5	91.9	88.1
considering satellites with dual-frequency fixed	86.2	87.6	84.5	88.4	83.5
considering all signals separately	86.3	87.4	84.5	88.5	83.1