

## summary for network NET9

timeperiod chosen: from 2026-09-13-00:00:00 until 2026-09-13-23:59:59

average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

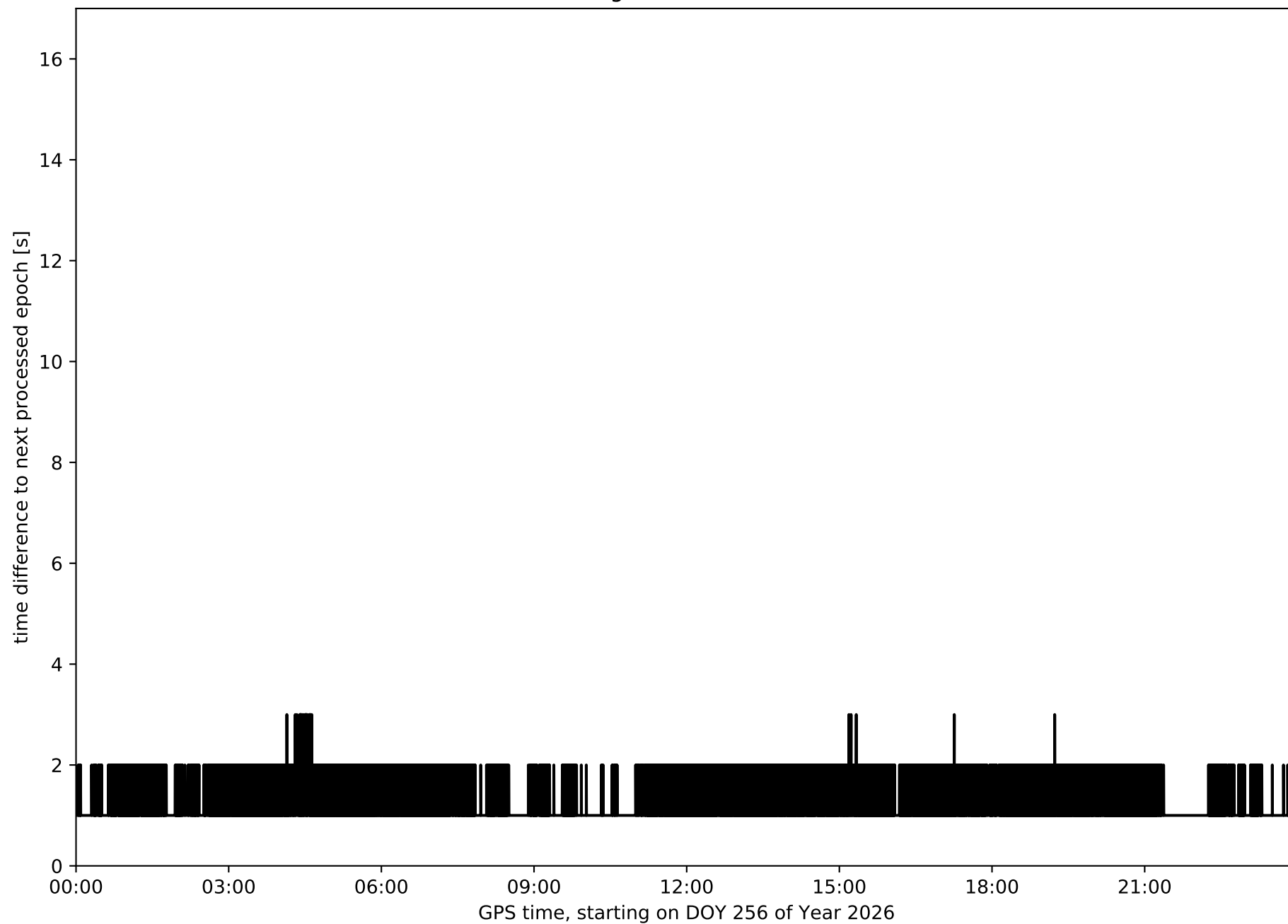
average fixing percentage with threshold set to 0.3: 94.7 percent

stations available: 16 of 16

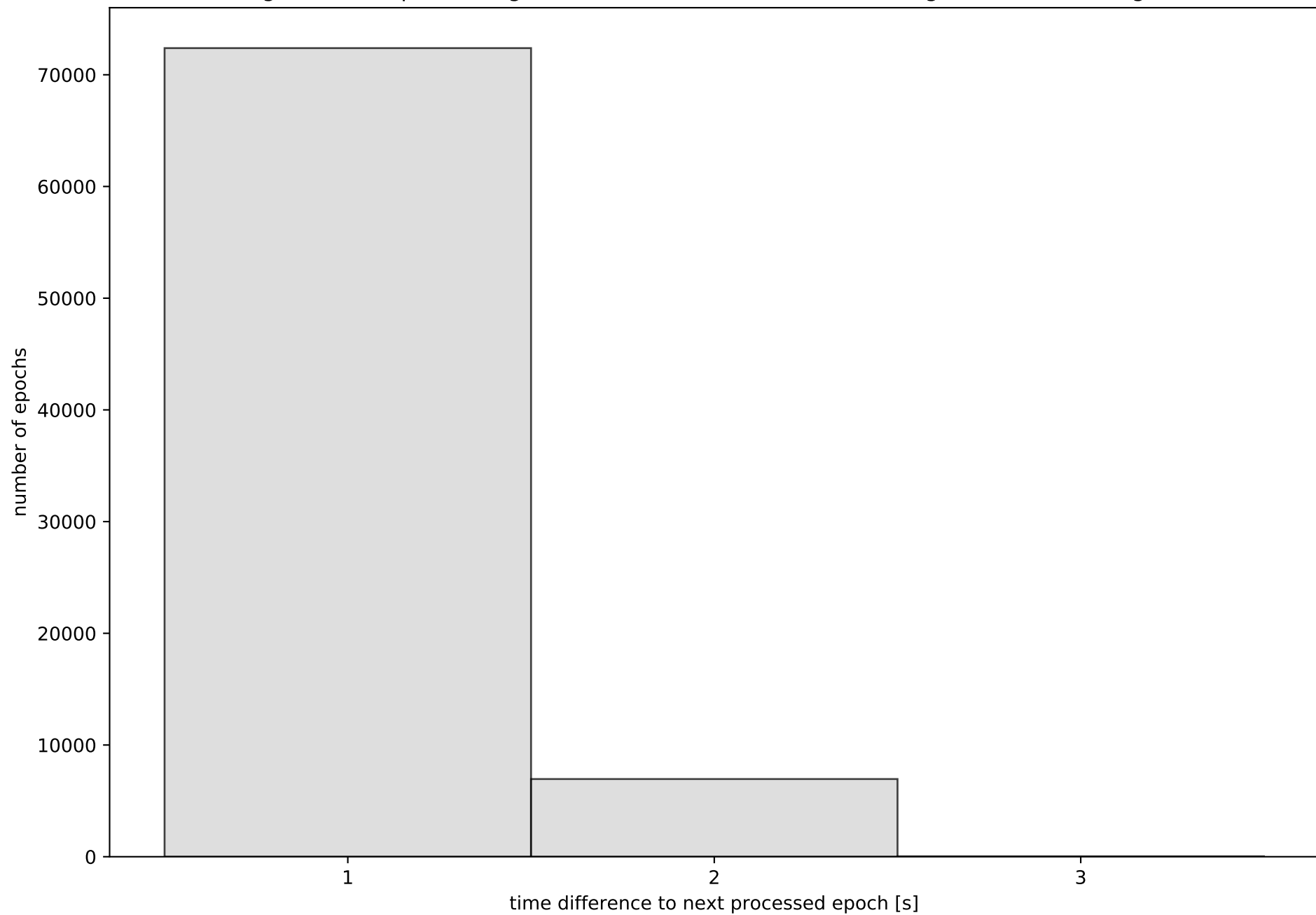
station information:

|               |                         |      |                         |                  |
|---------------|-------------------------|------|-------------------------|------------------|
| station ARIB: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 1037.406 |
| station BLGU: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 1649.265 |
| station BRJA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 493.66   |
| station CARC: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 420.378  |
| station CSOS: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 957.888  |
| station EJE:  | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 384.587  |
| station FRAG: | antenna: LEIAR25.R4     | LEIT | receiver: LEICA GR10    | height: 181.842  |
| station JACA: | antenna: LEIAR25.R3     | LEIT | receiver: LEICA GR10    | height: 738.976  |
| station OSCA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR30    | height: 546.705  |
| station RONL: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 760.44   |
| station SABI: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 850.526  |
| station SANS: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 459.183  |
| station SRNA: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 355.155  |
| station TUD1: | antenna: LEIAR20        | LEIM | receiver: LEICA GR50    | height: 340.792  |
| station ZARA: | antenna: TRM29659.00    | NONE | receiver: TRIMBLE NETR9 | height: 299.34   |
| station ZUER: | antenna: GPPNULLANTENNA | NONE | receiver: LEICA GR50    | height: 339.223  |

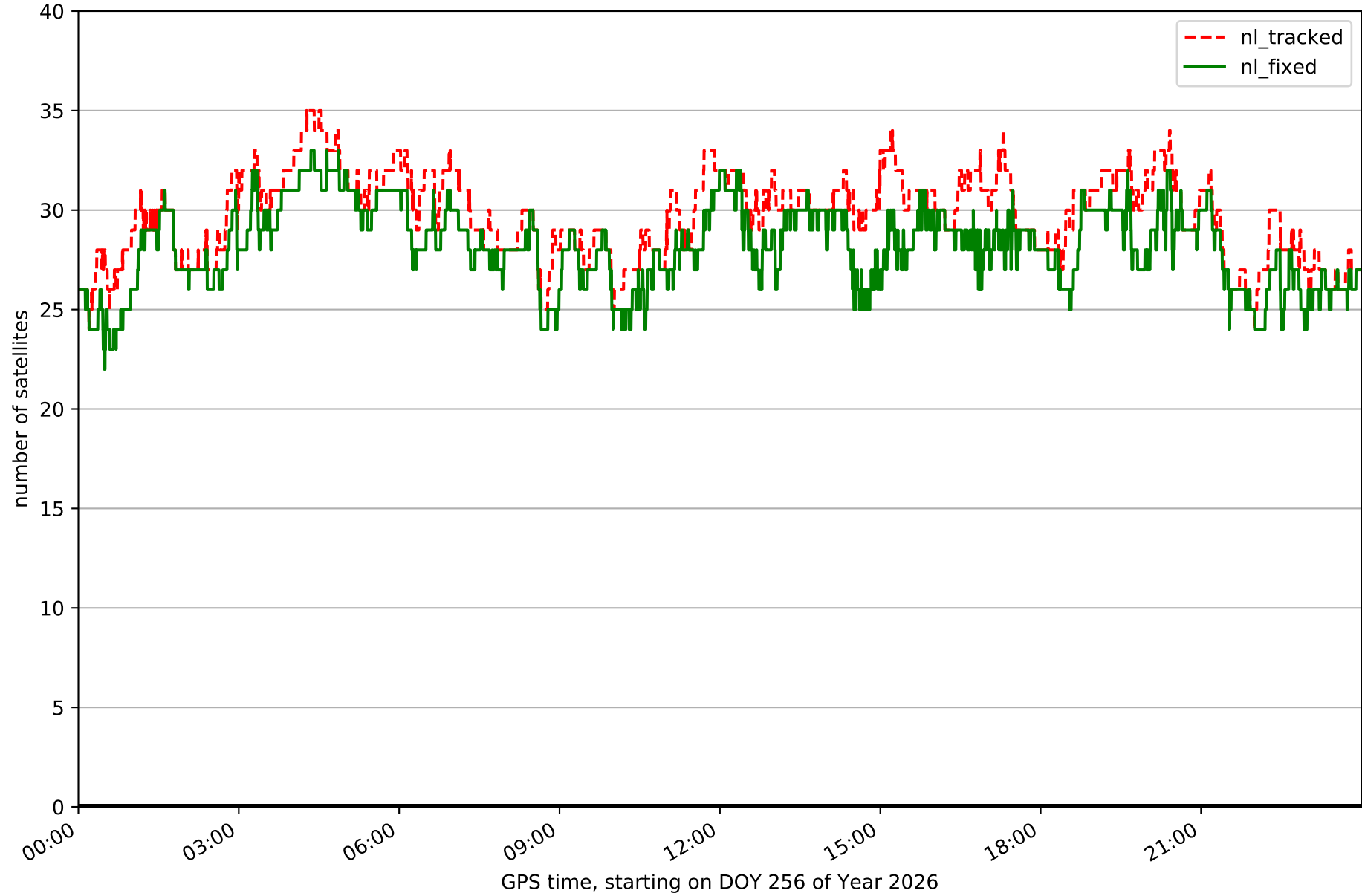
Processing rate in network NET9



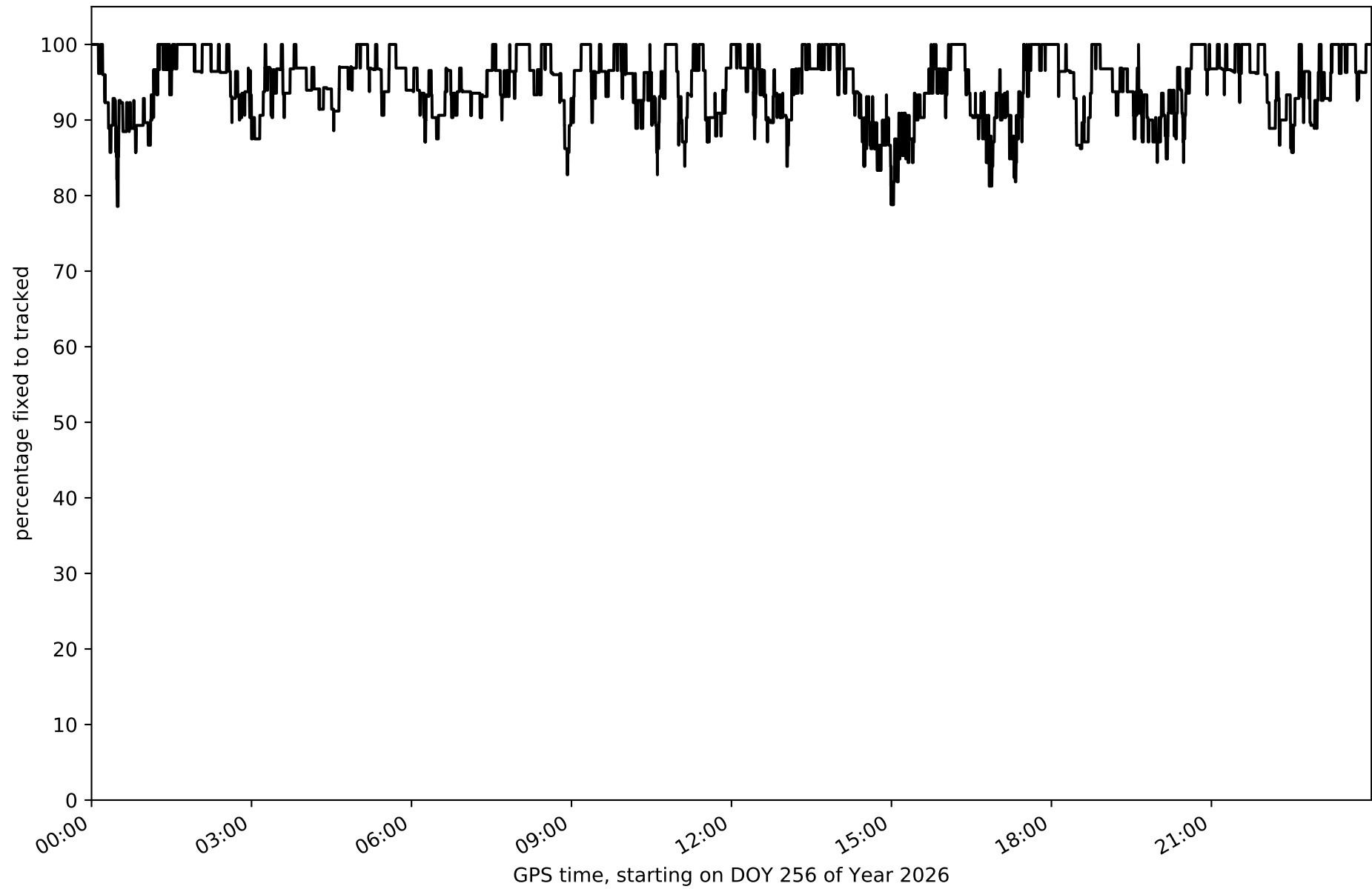
Histogram of the processing rate in network NET9 (durations larger 15 seconds neglected)



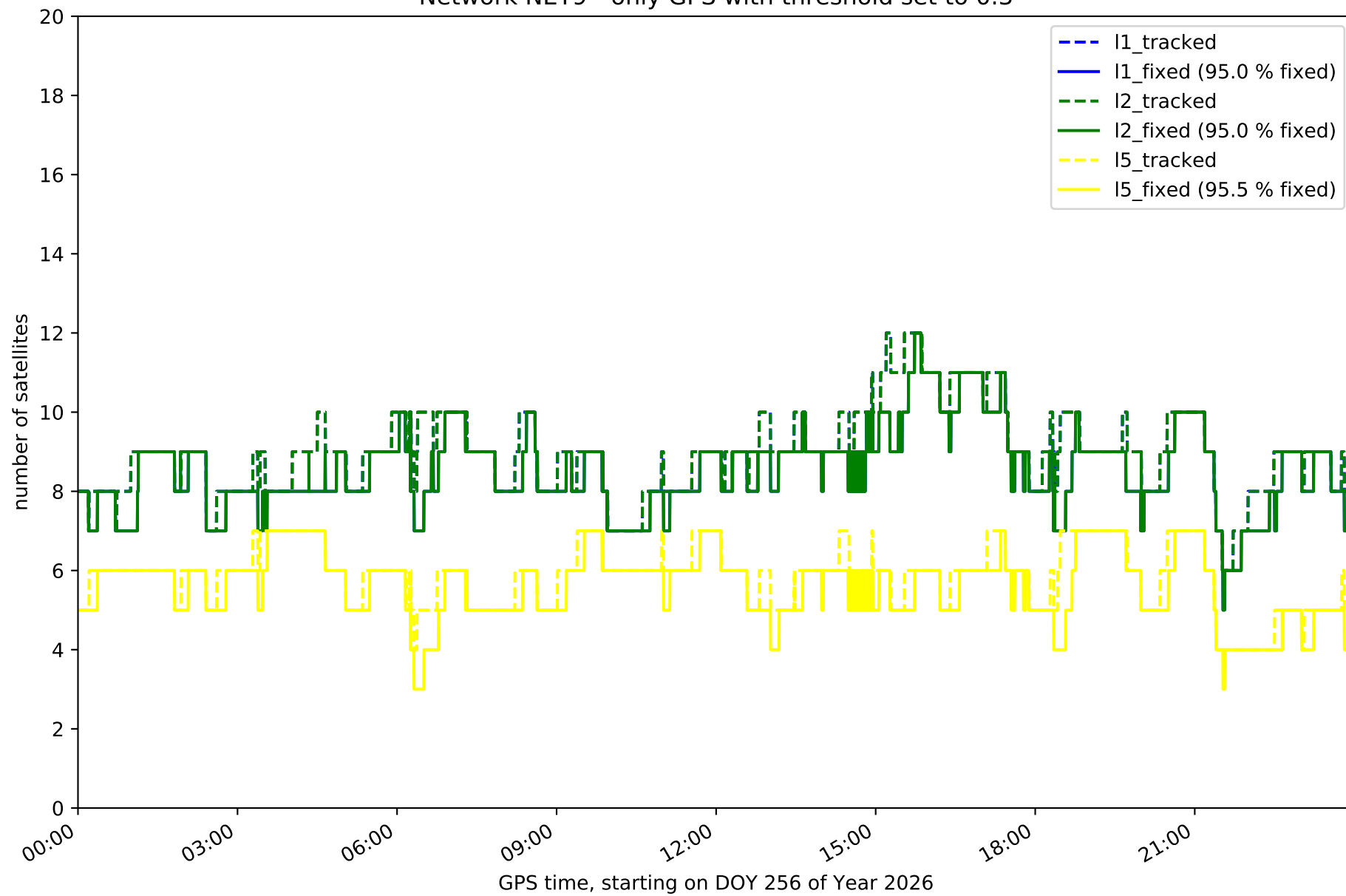
Network NET9 with threshold set to 0.3



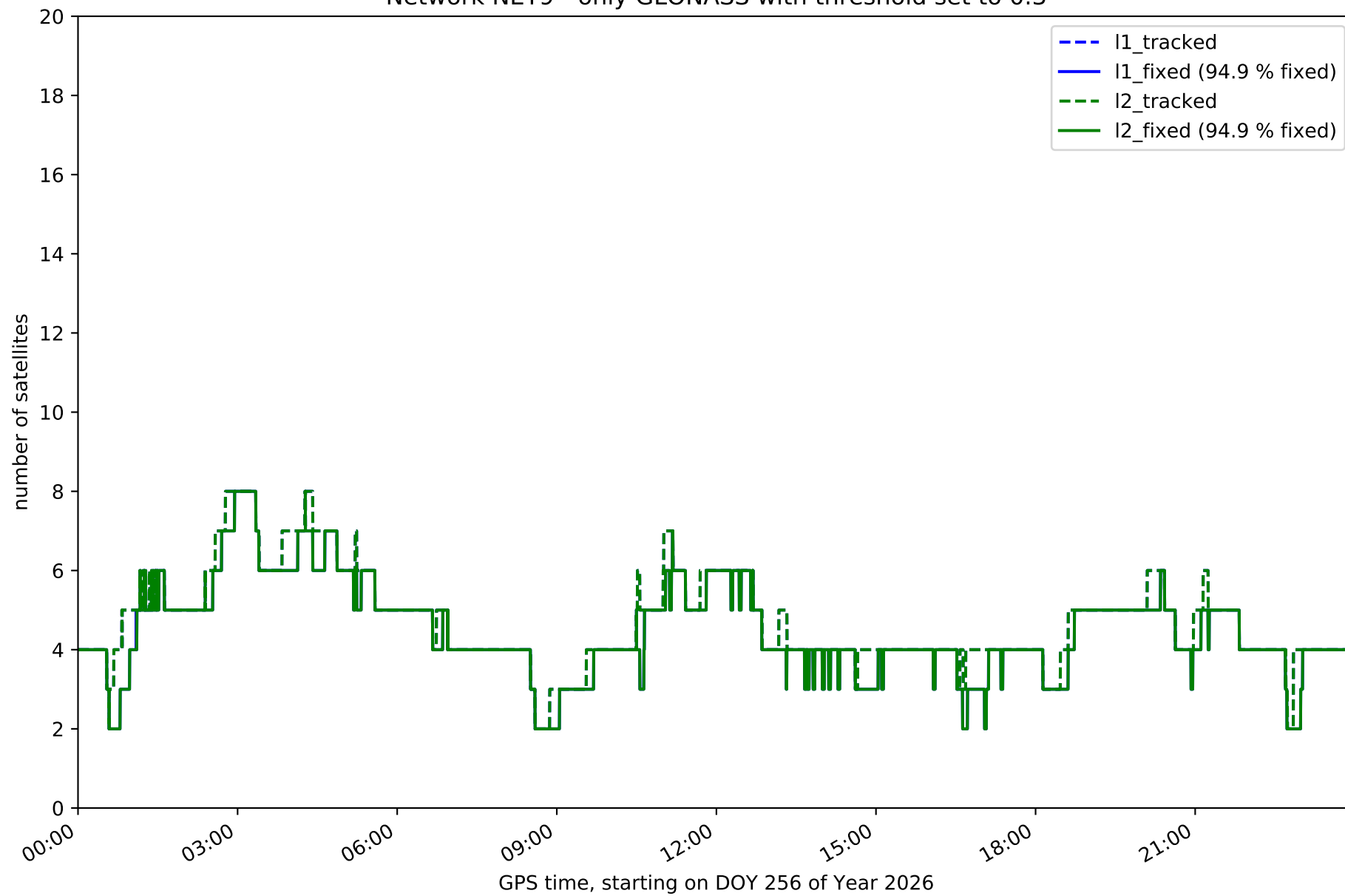
Fixing percentage of satellites in network NET9 with threshold set to 0.3



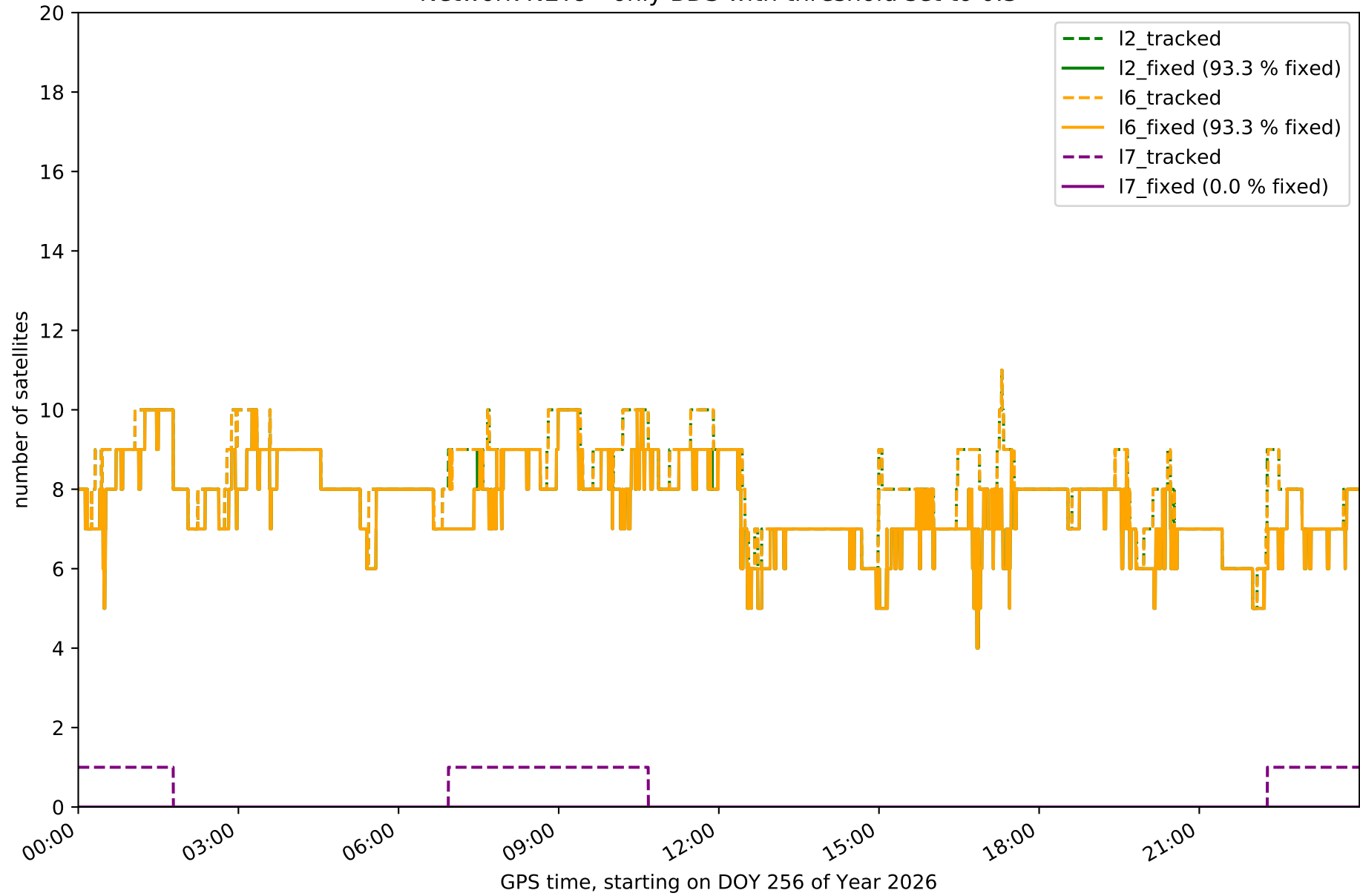
Network NET9 - only GPS with threshold set to 0.3



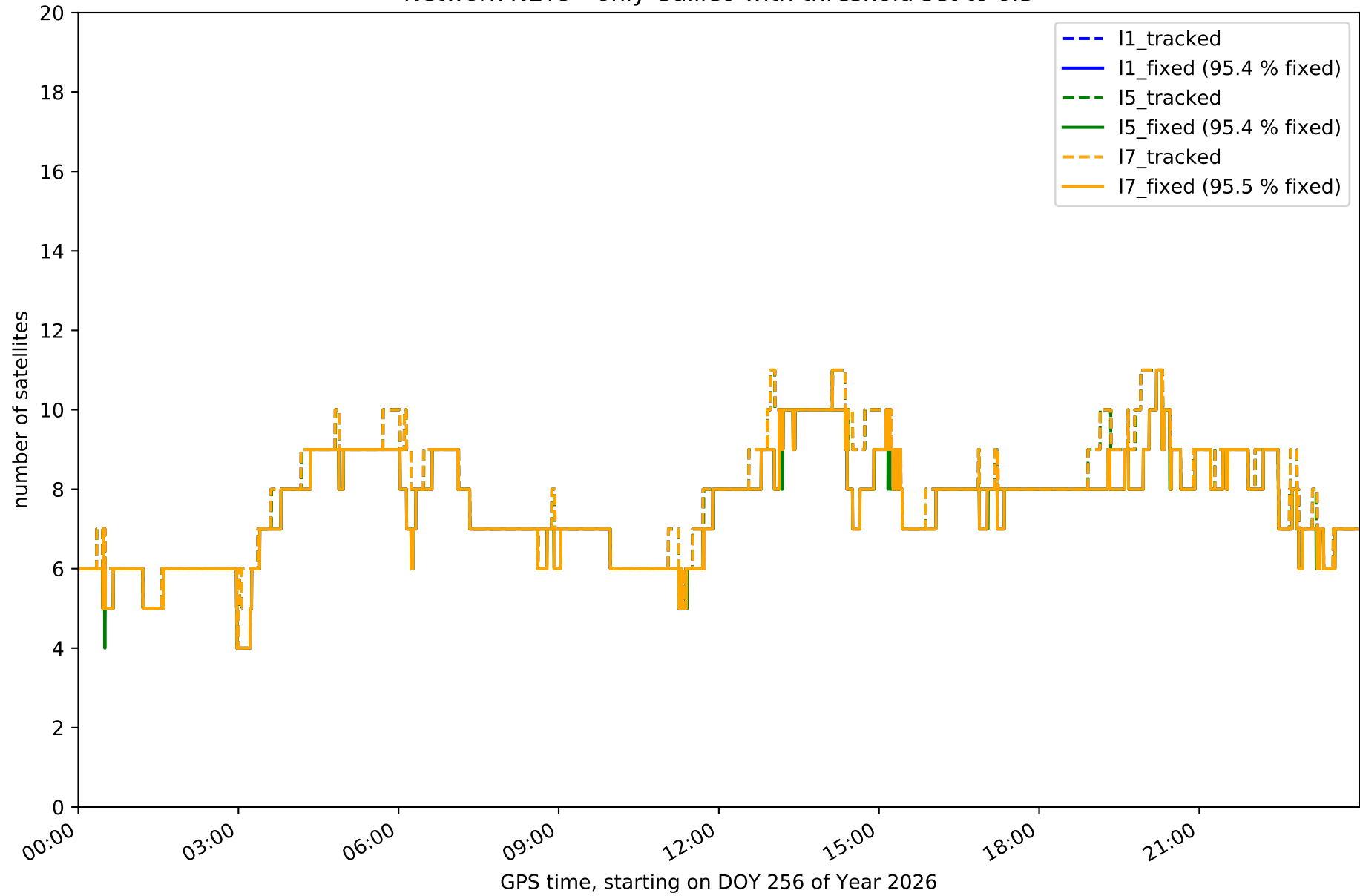
Network NET9 - only GLONASS with threshold set to 0.3



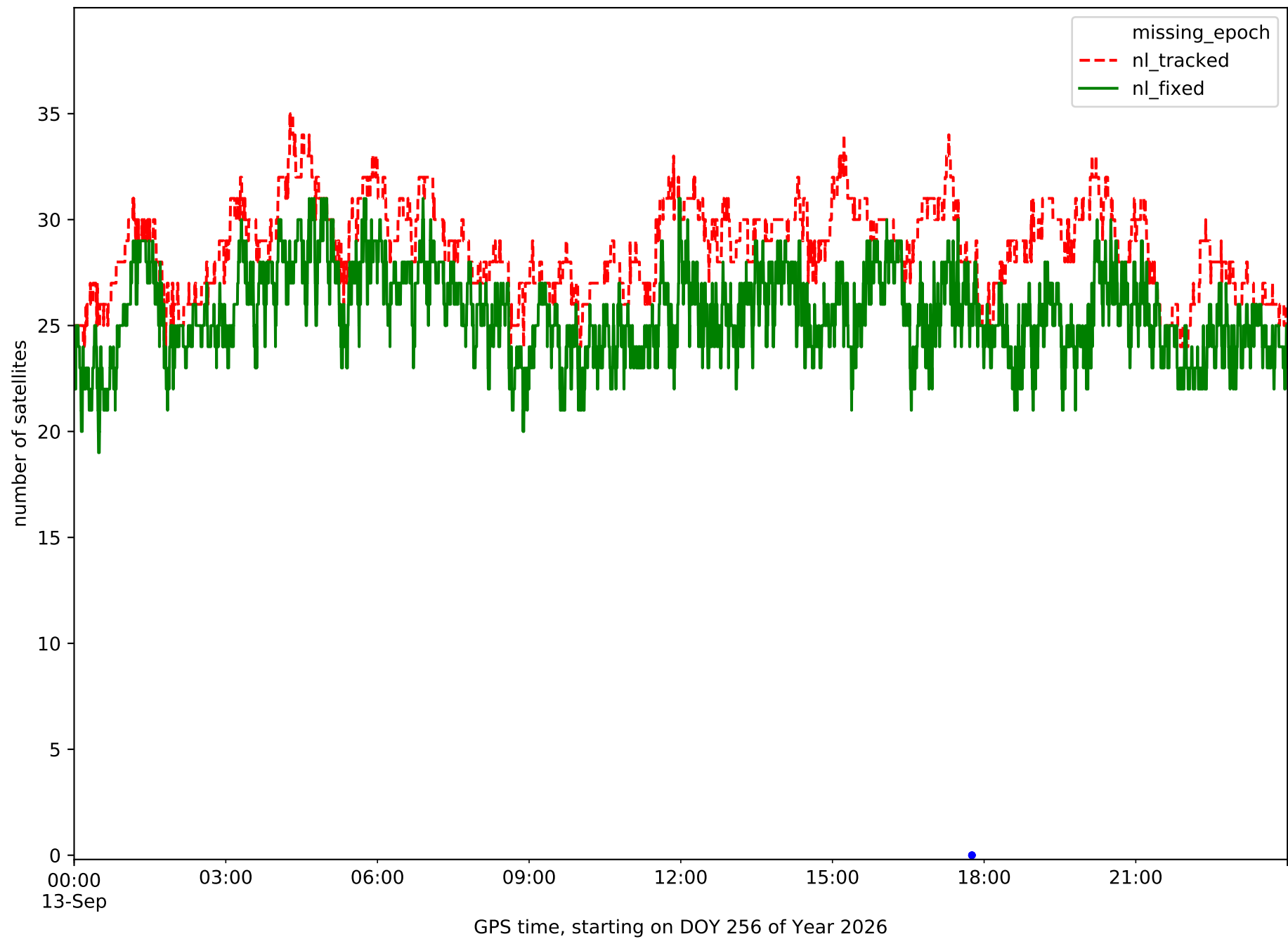
Network NET9 - only BDS with threshold set to 0.3



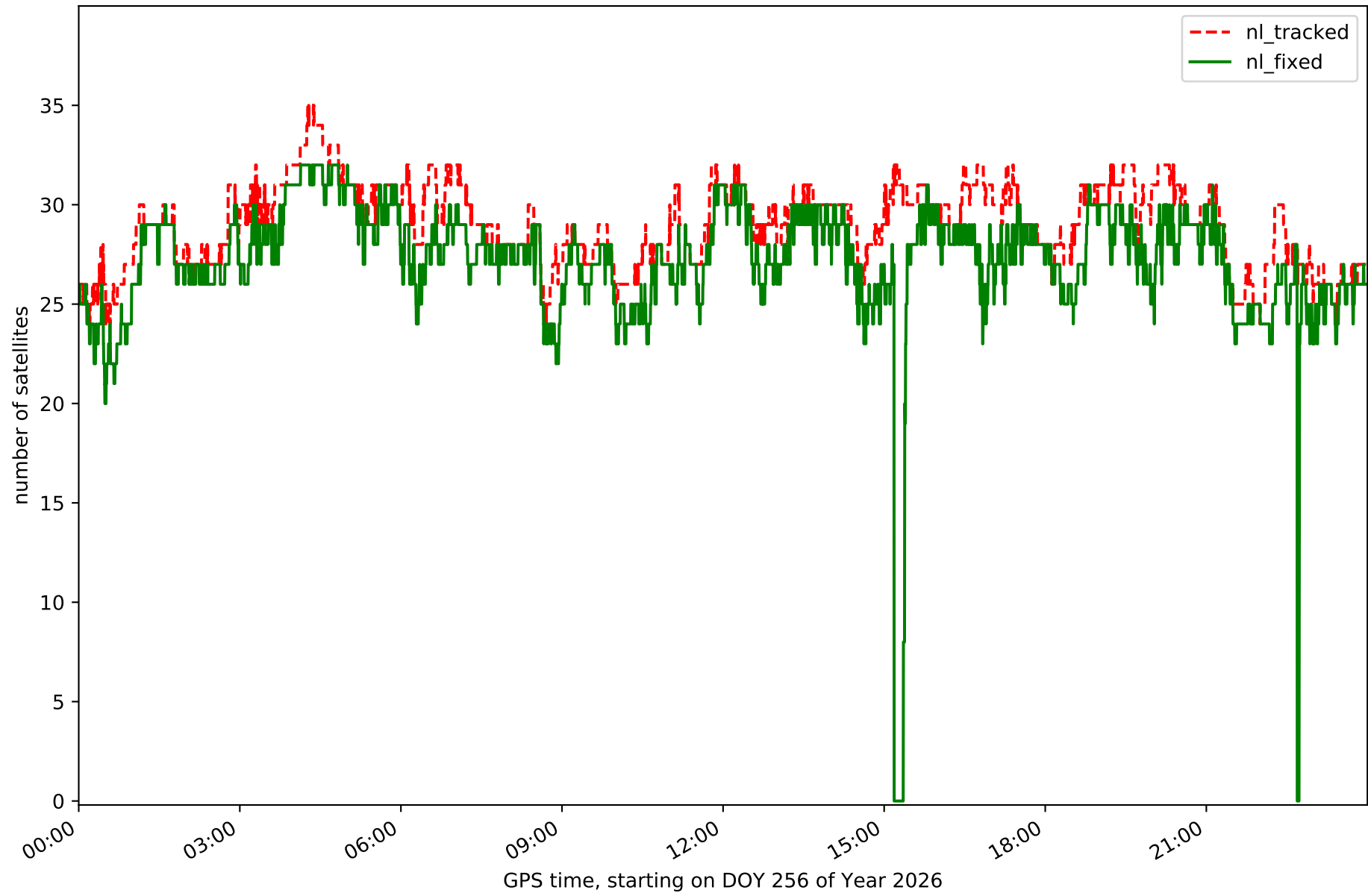
Network NET9 - only Galileo with threshold set to 0.3



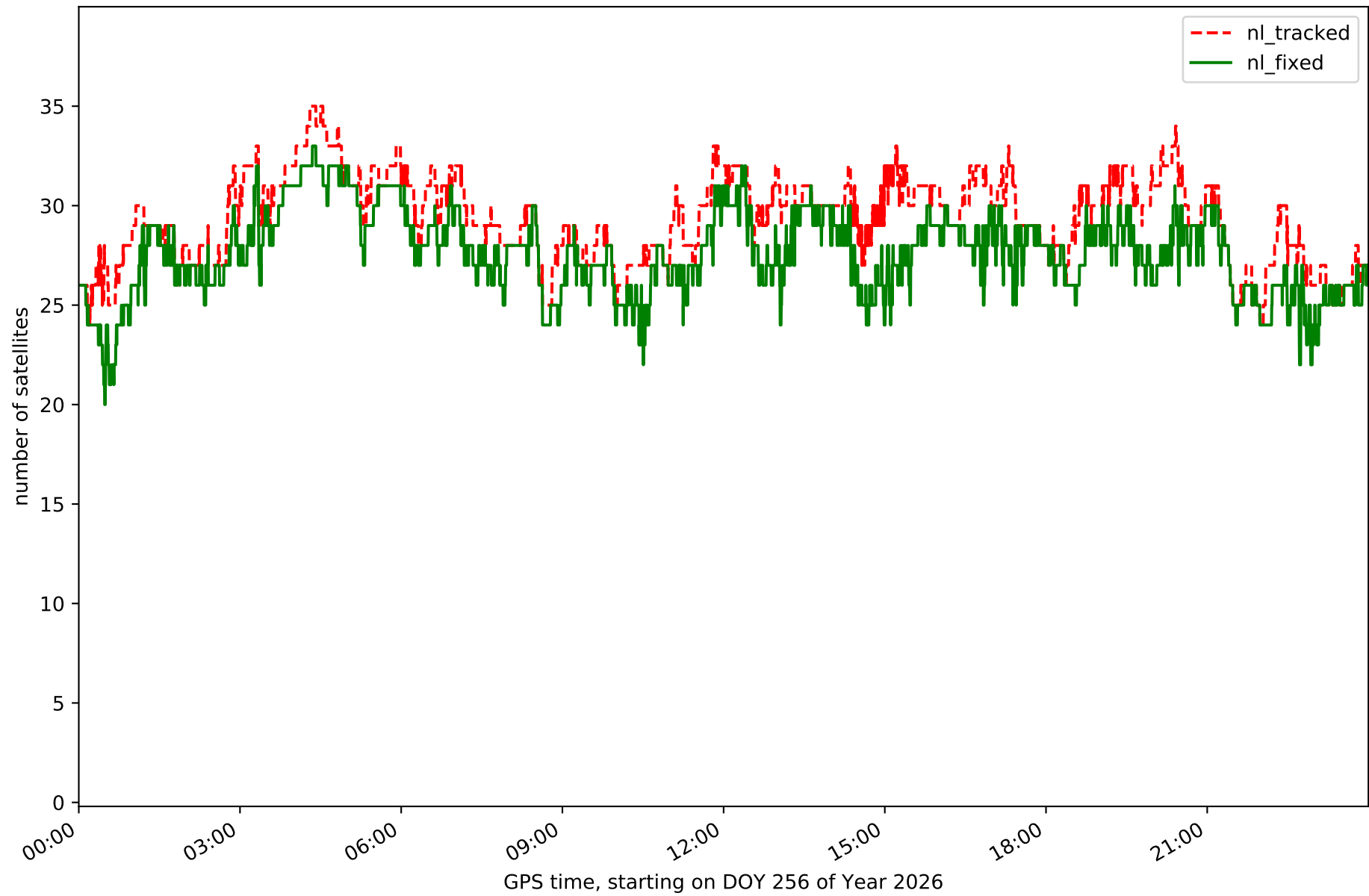
Station ARIB in network NET9



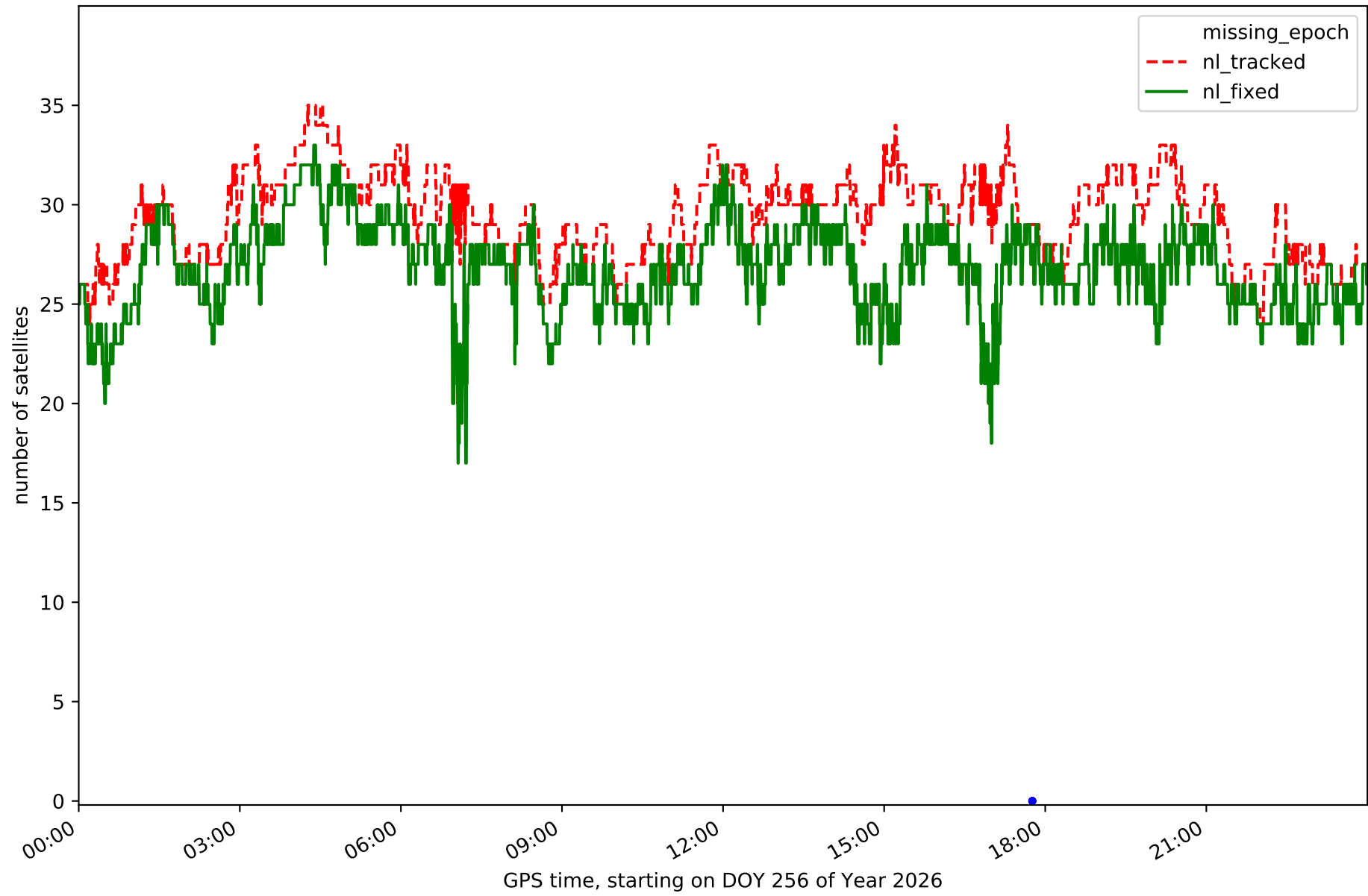
Station BLGU in network NET9



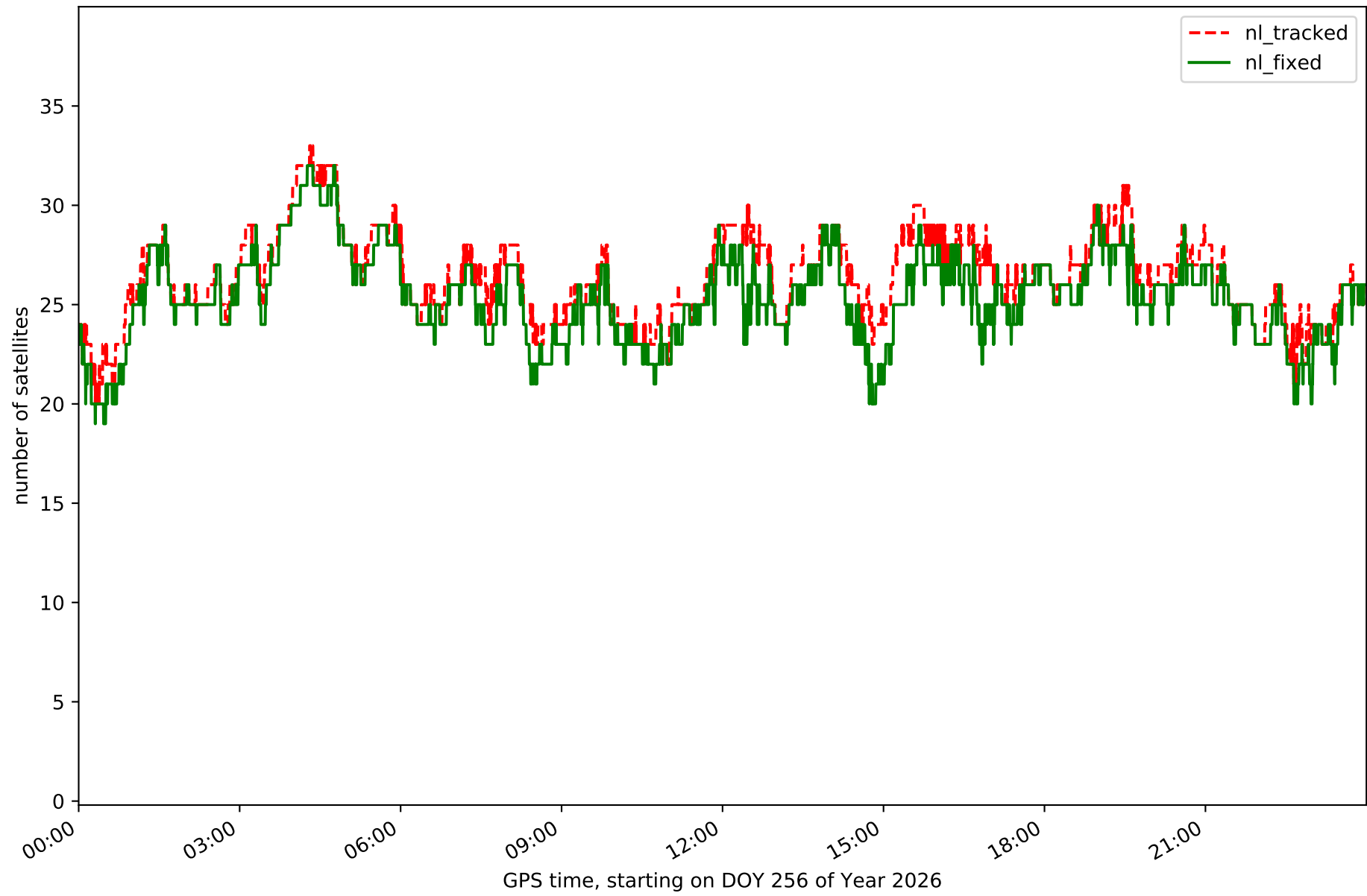
Station BRJA in network NET9



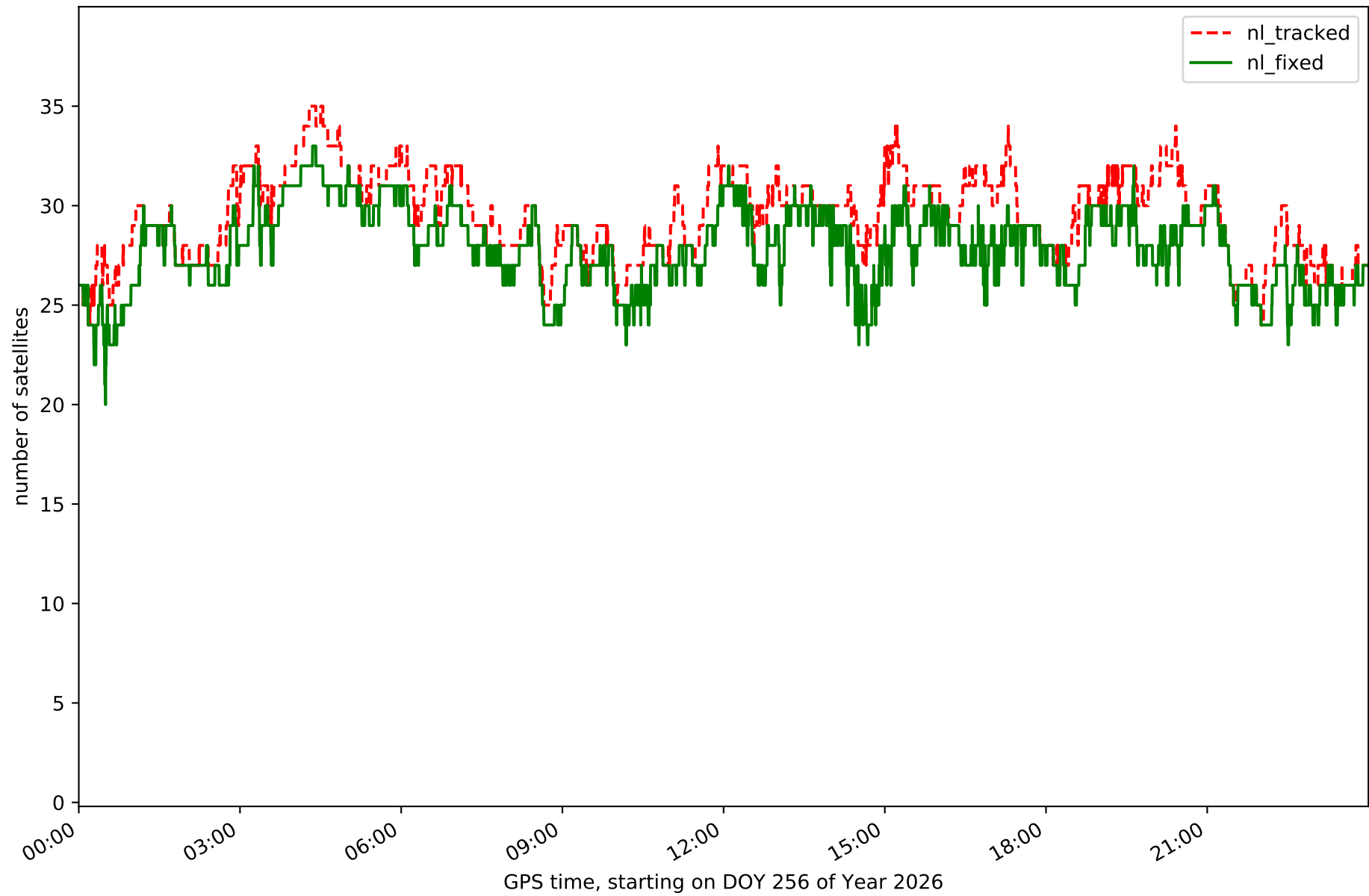
Station CARC in network NET9



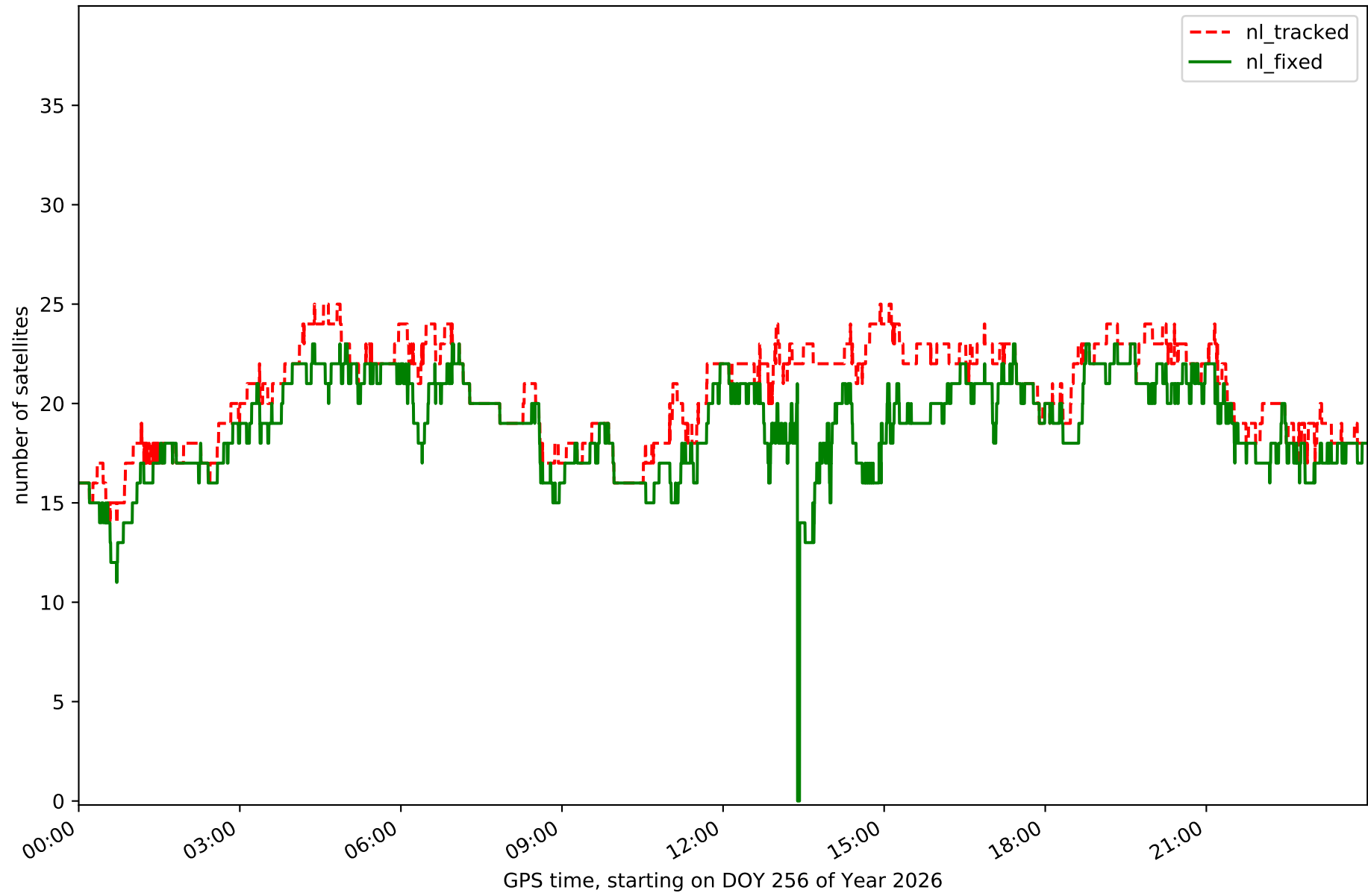
Station CSOS in network NET9



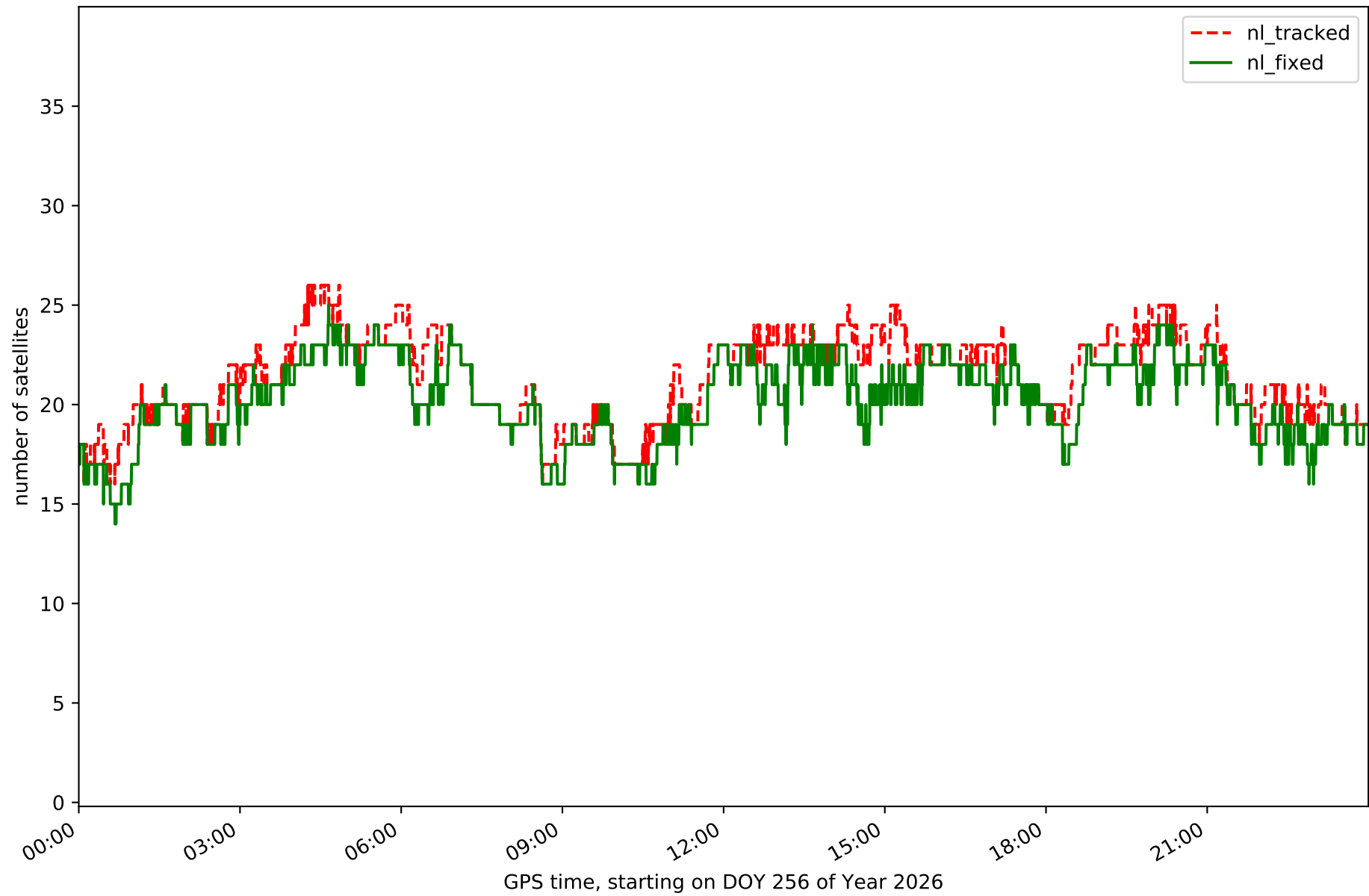
Station EJEA in network NET9



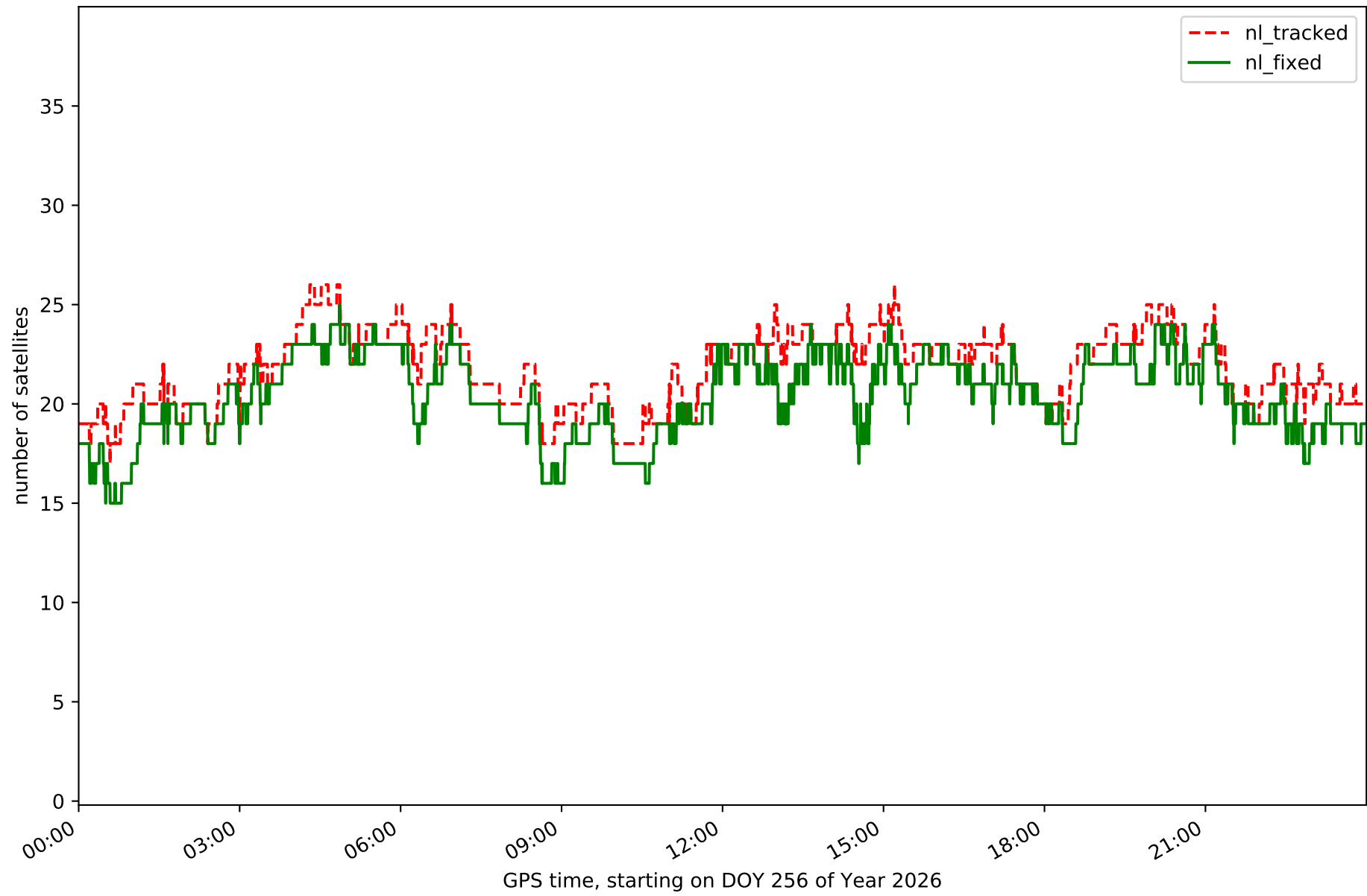
Station FRAG in network NET9



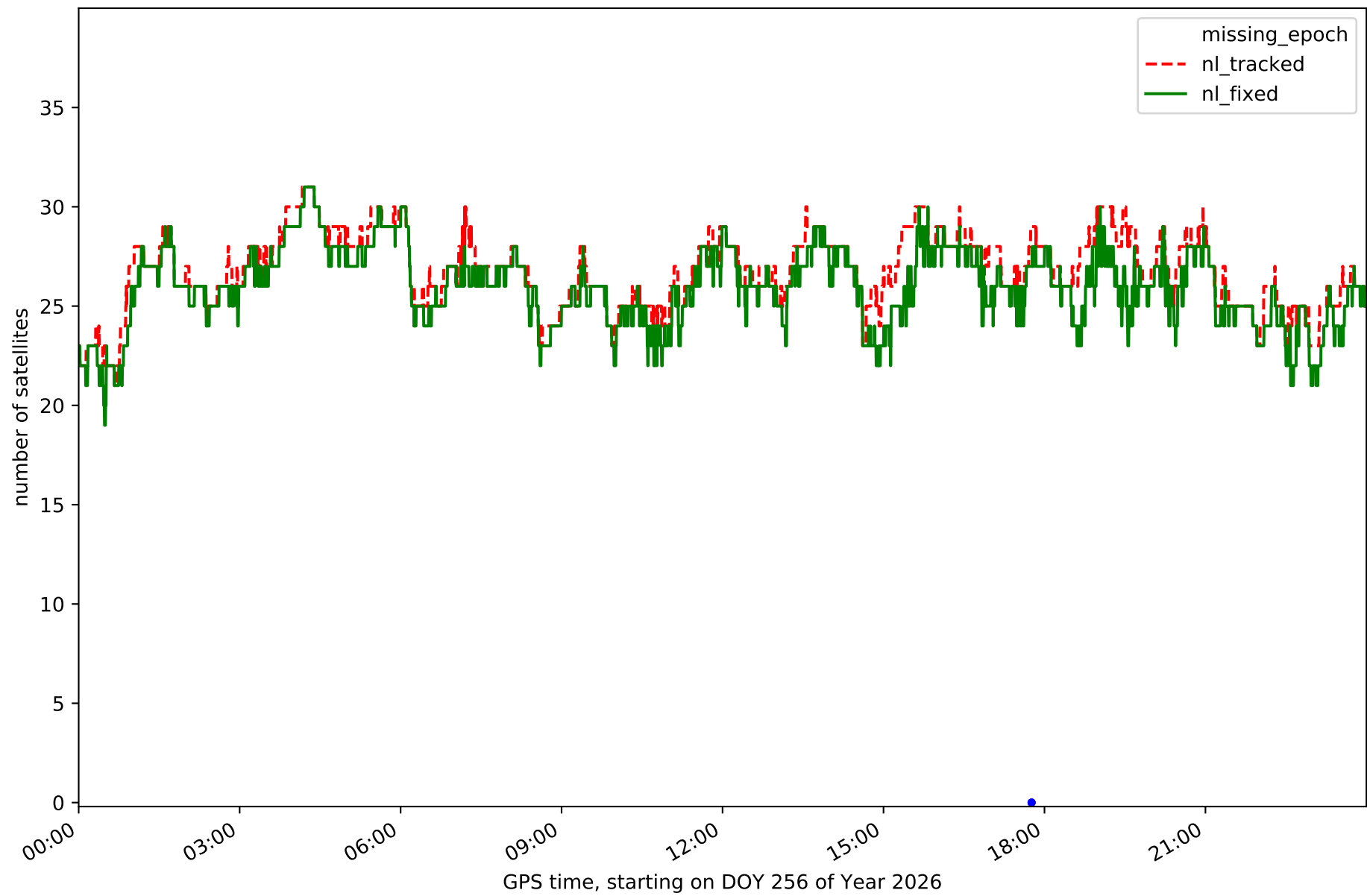
Station JACA in network NET9



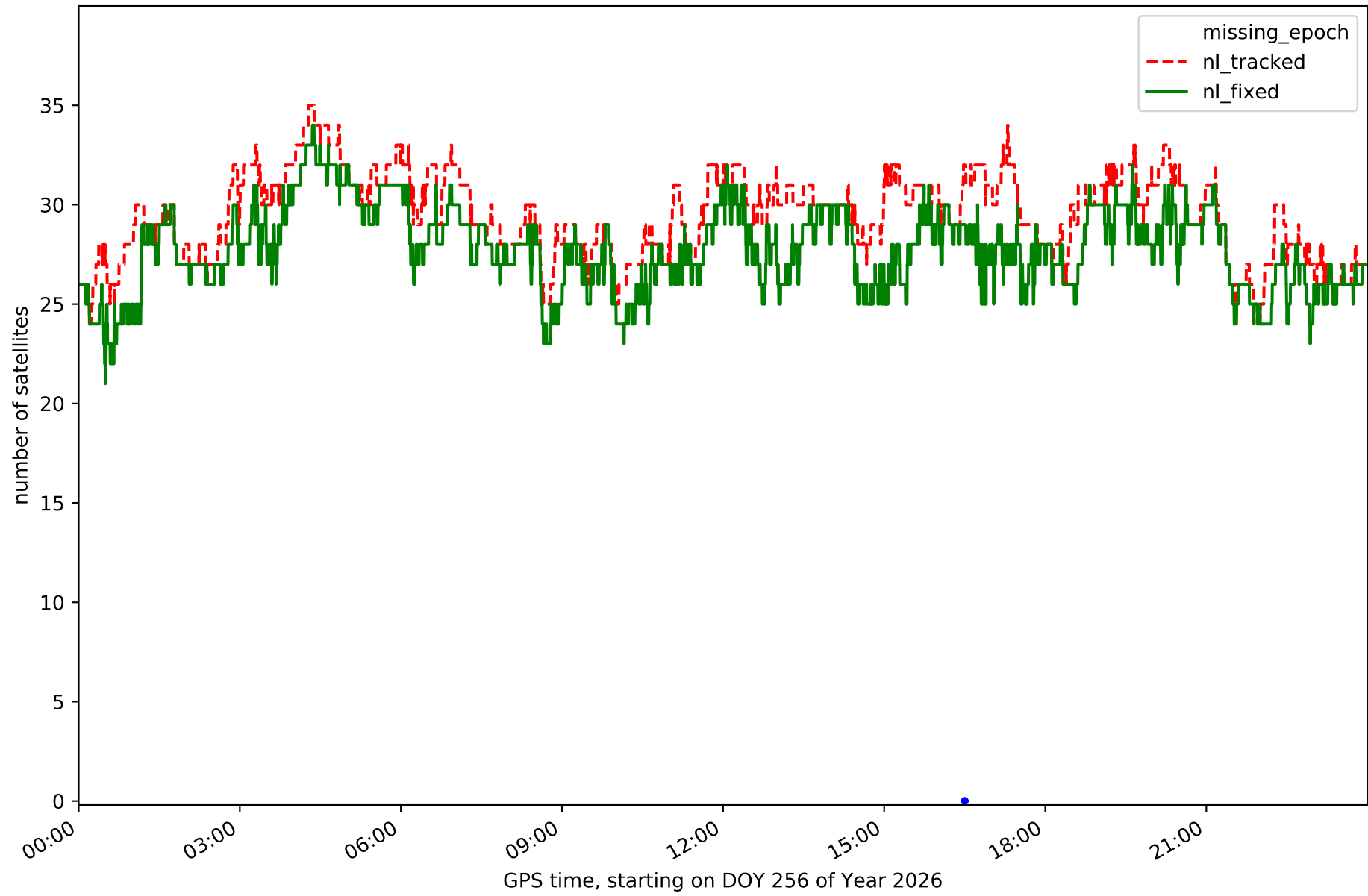
Station OSCA in network NET9



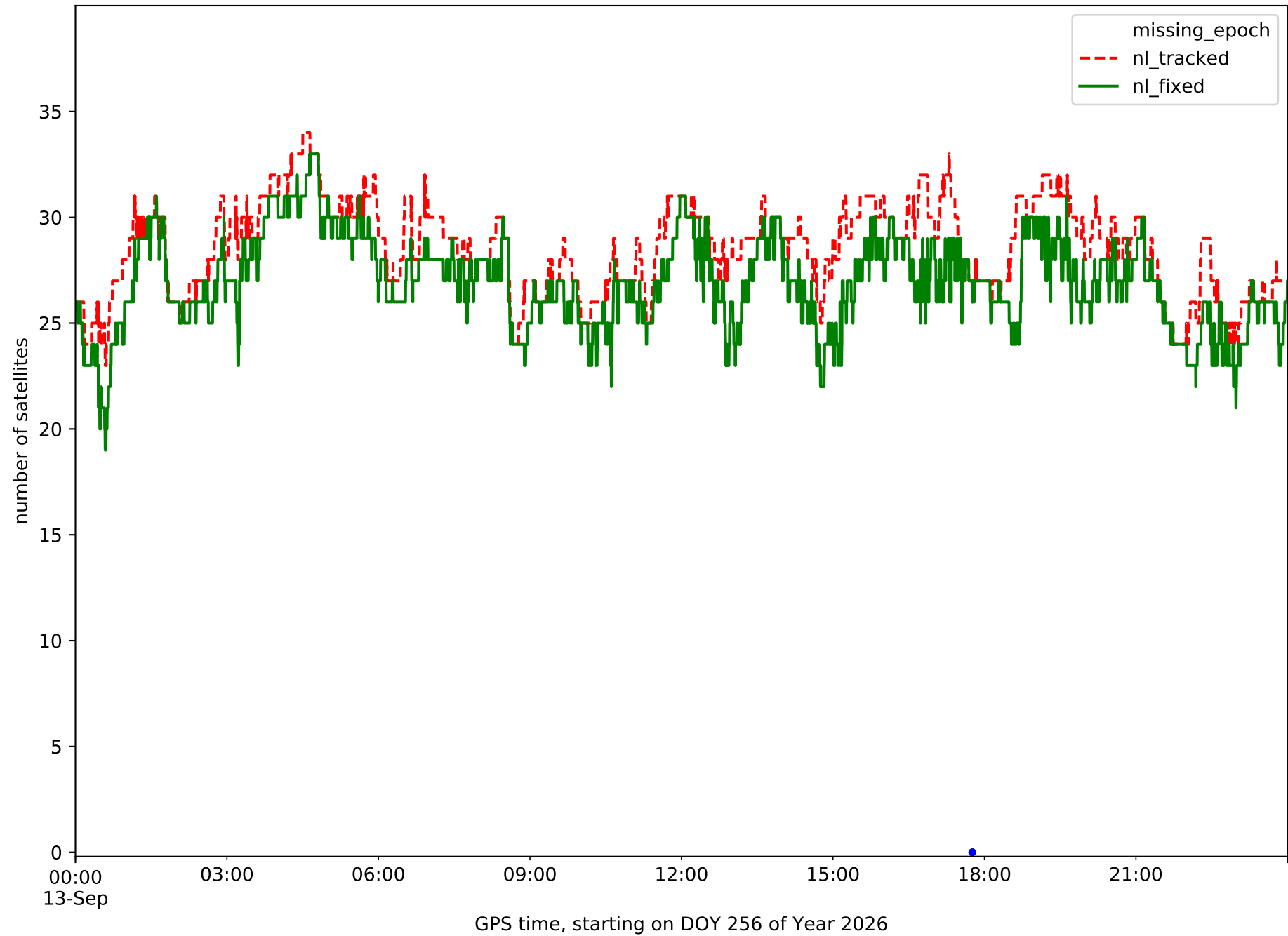
Station RONL in network NET9



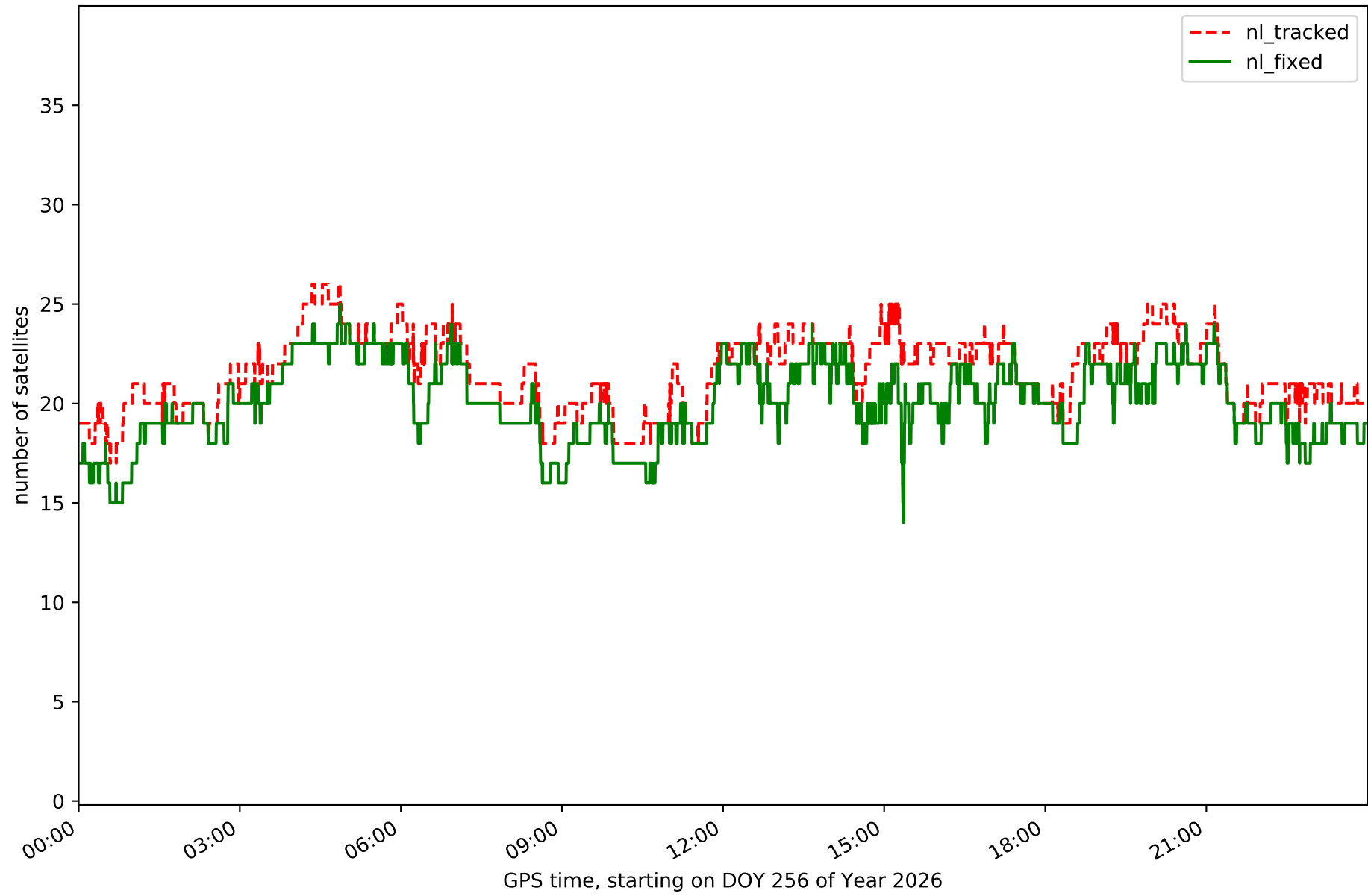
Station SABI in network NET9



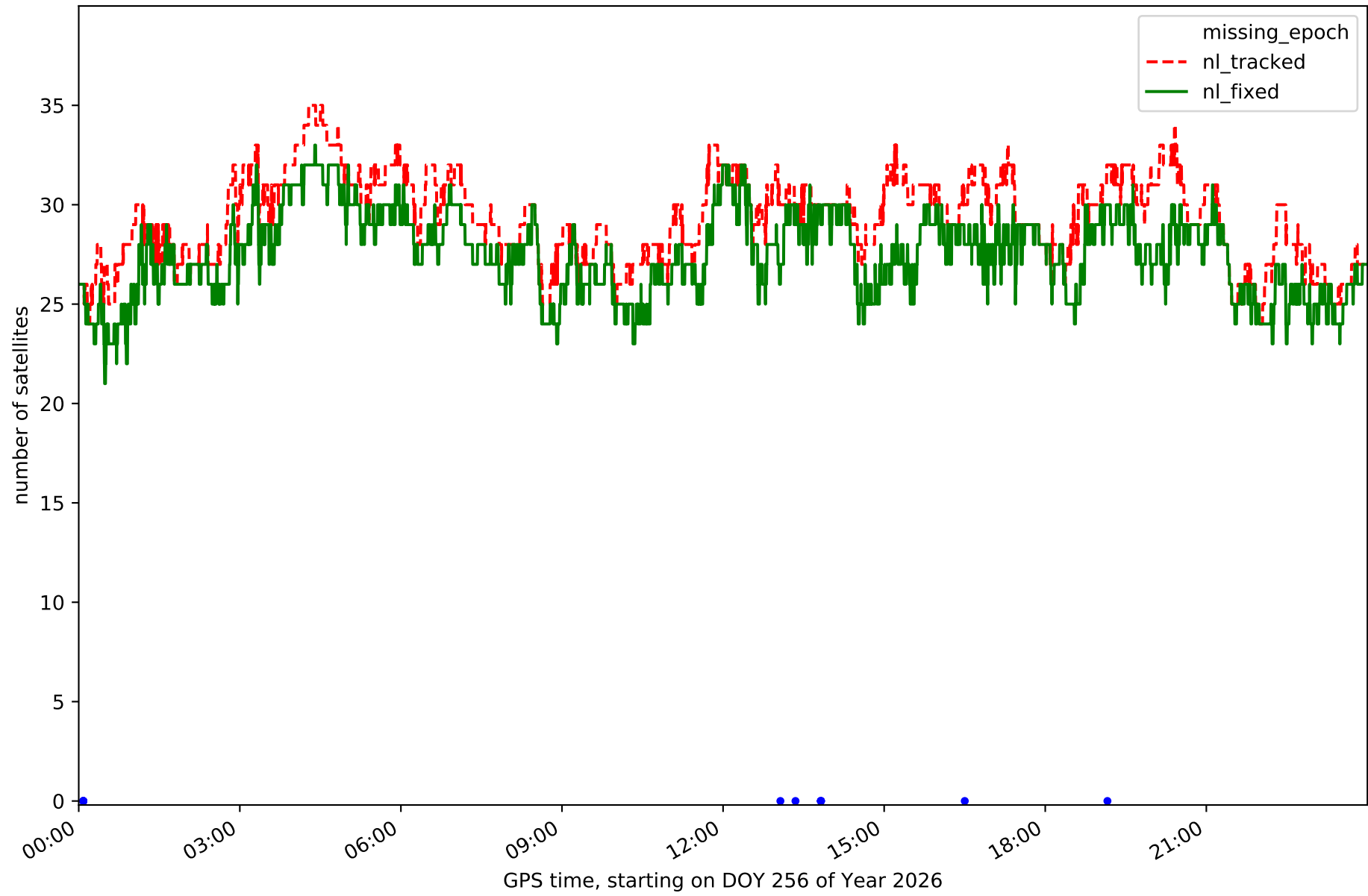
Station SANS in network NET9



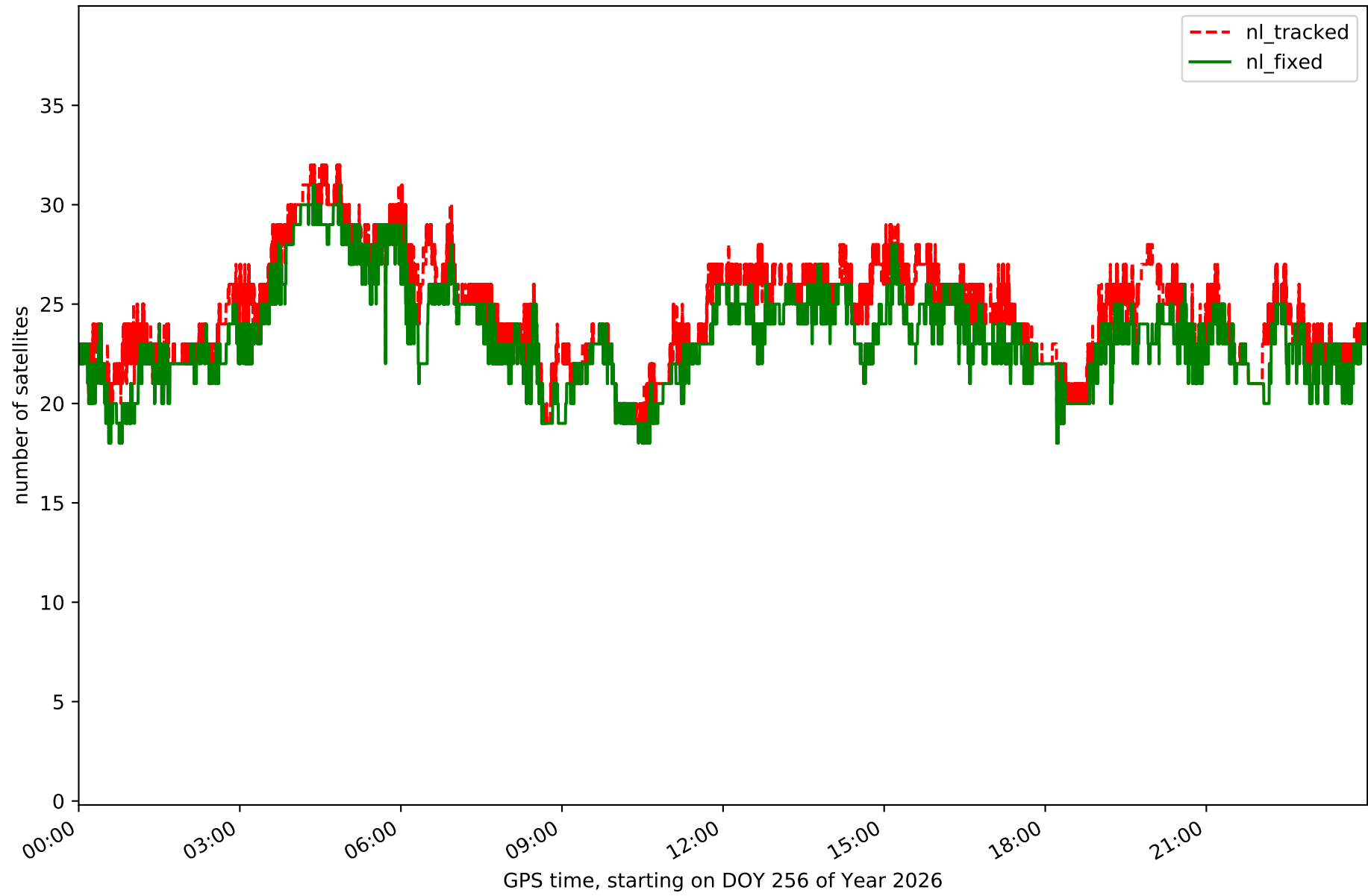
Station SRNA in network NET9



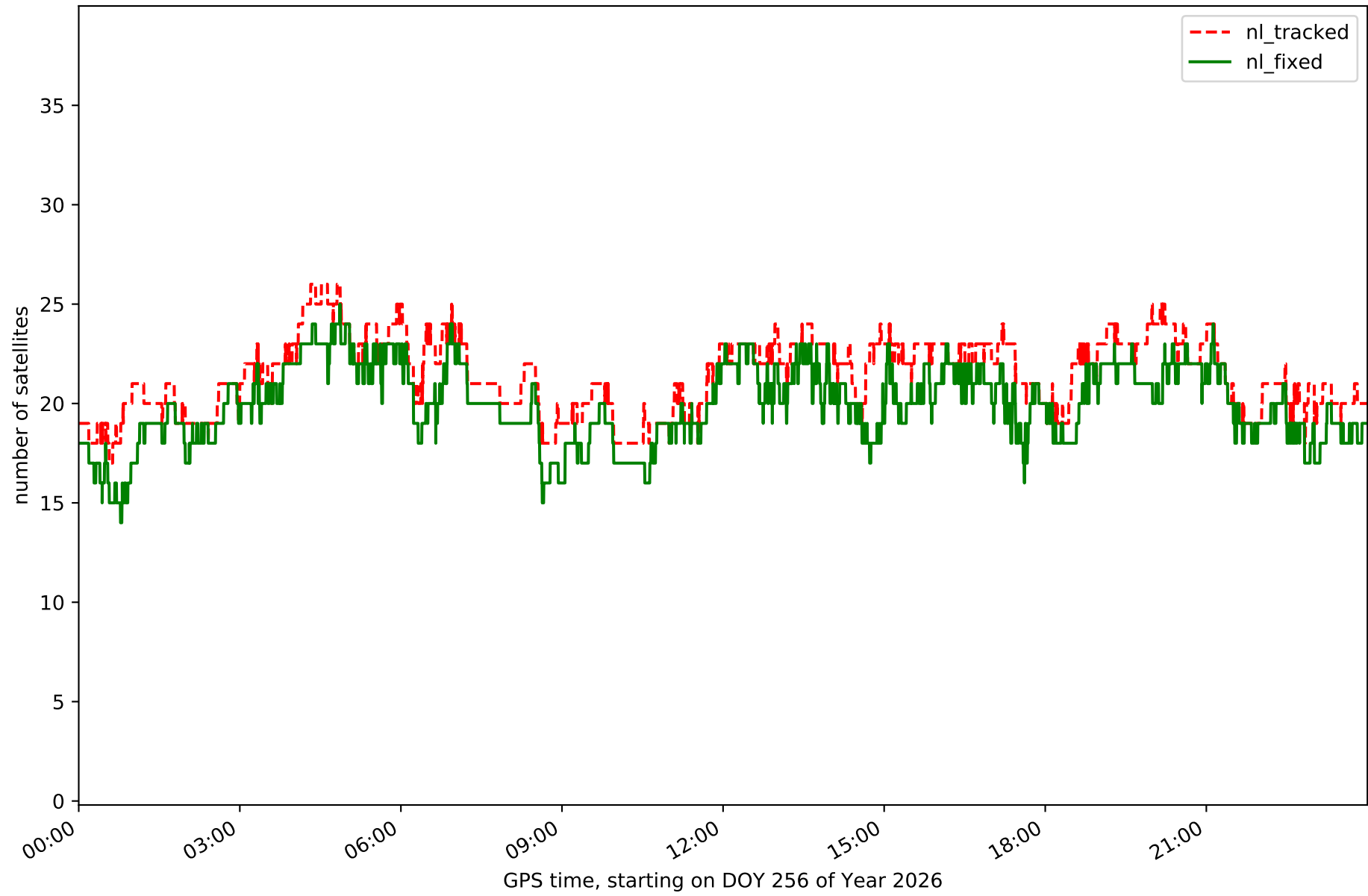
Station TUD1 in network NET9



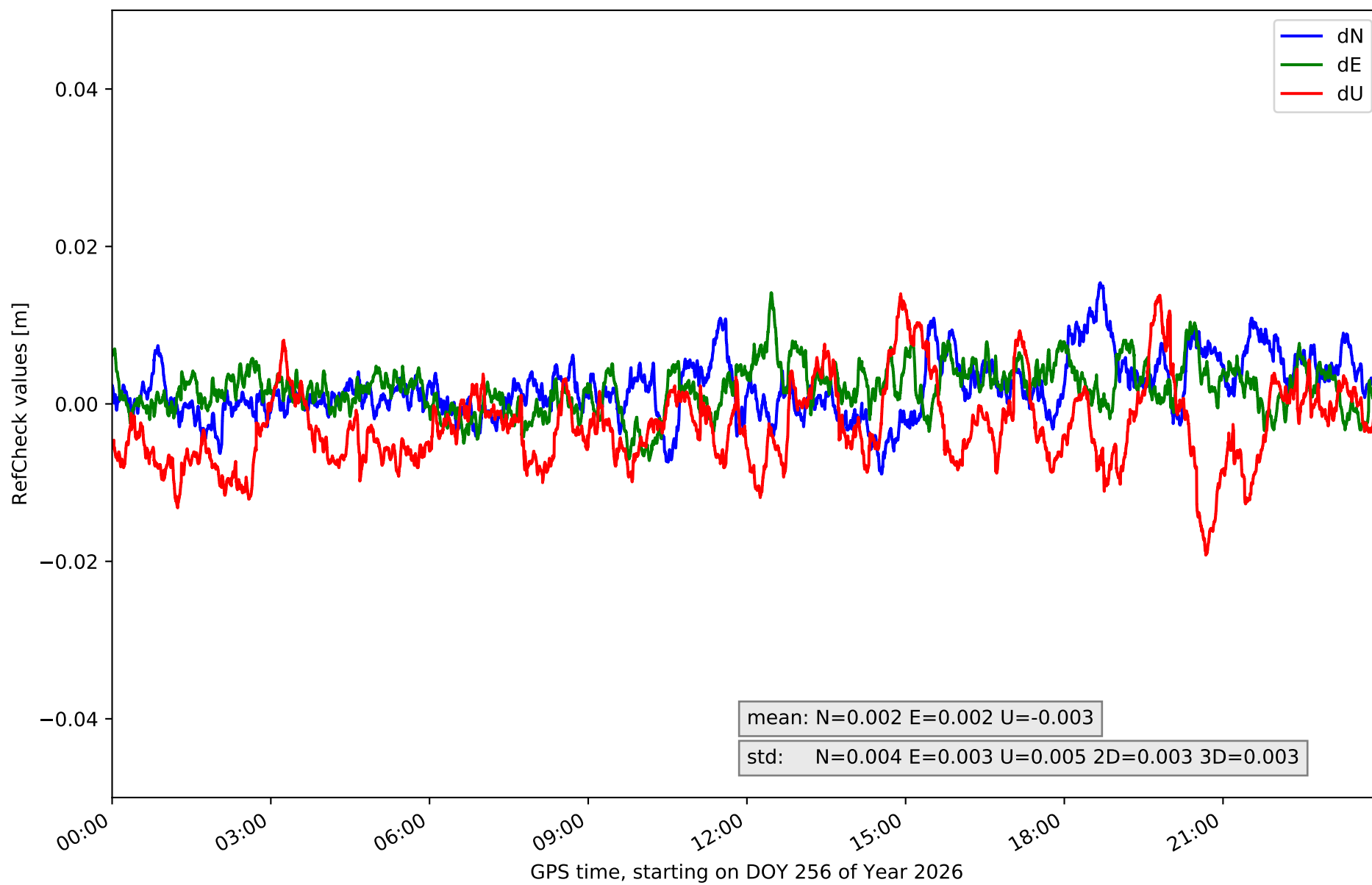
Station ZARA in network NET9



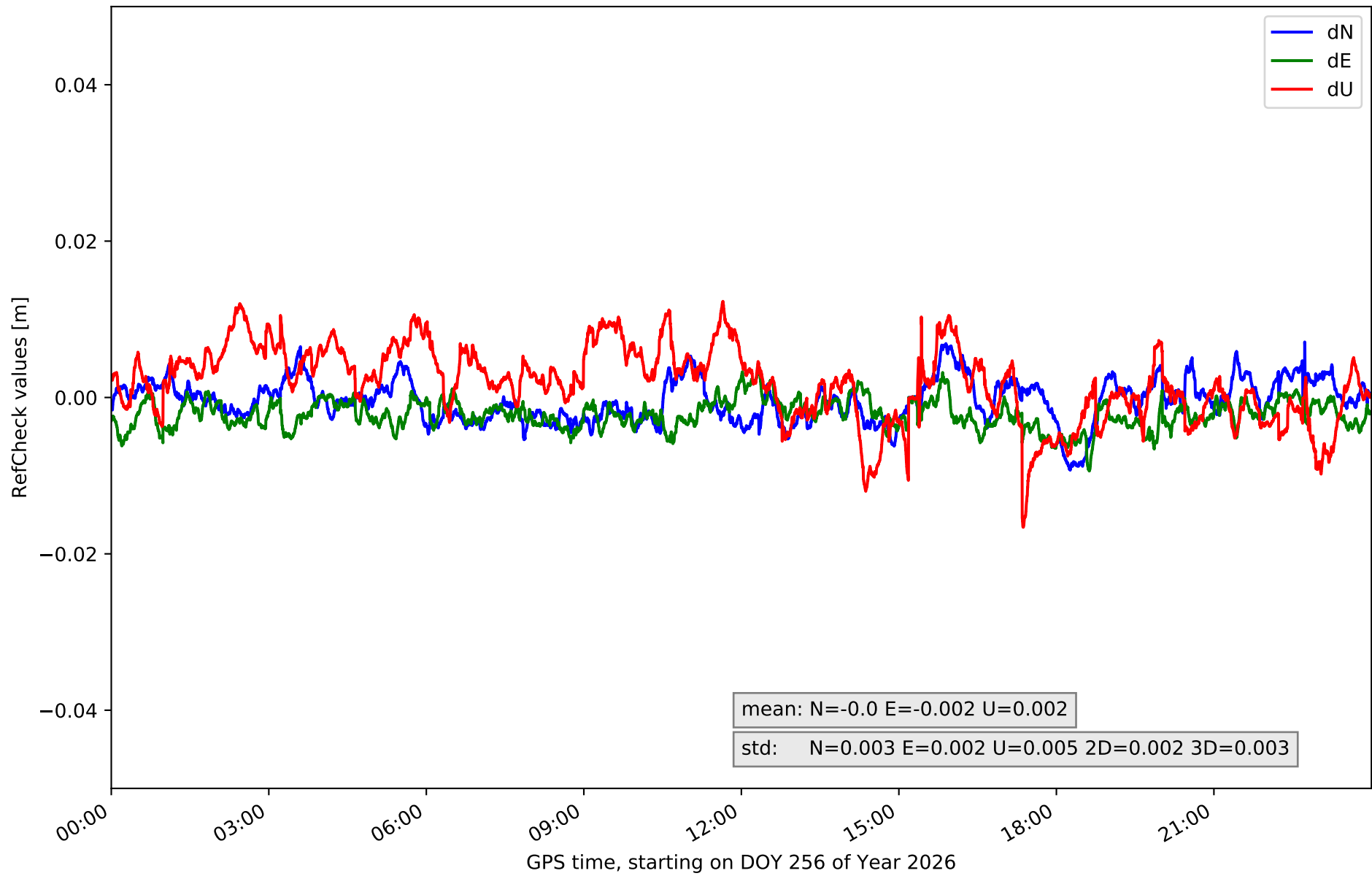
Station ZUER in network NET9



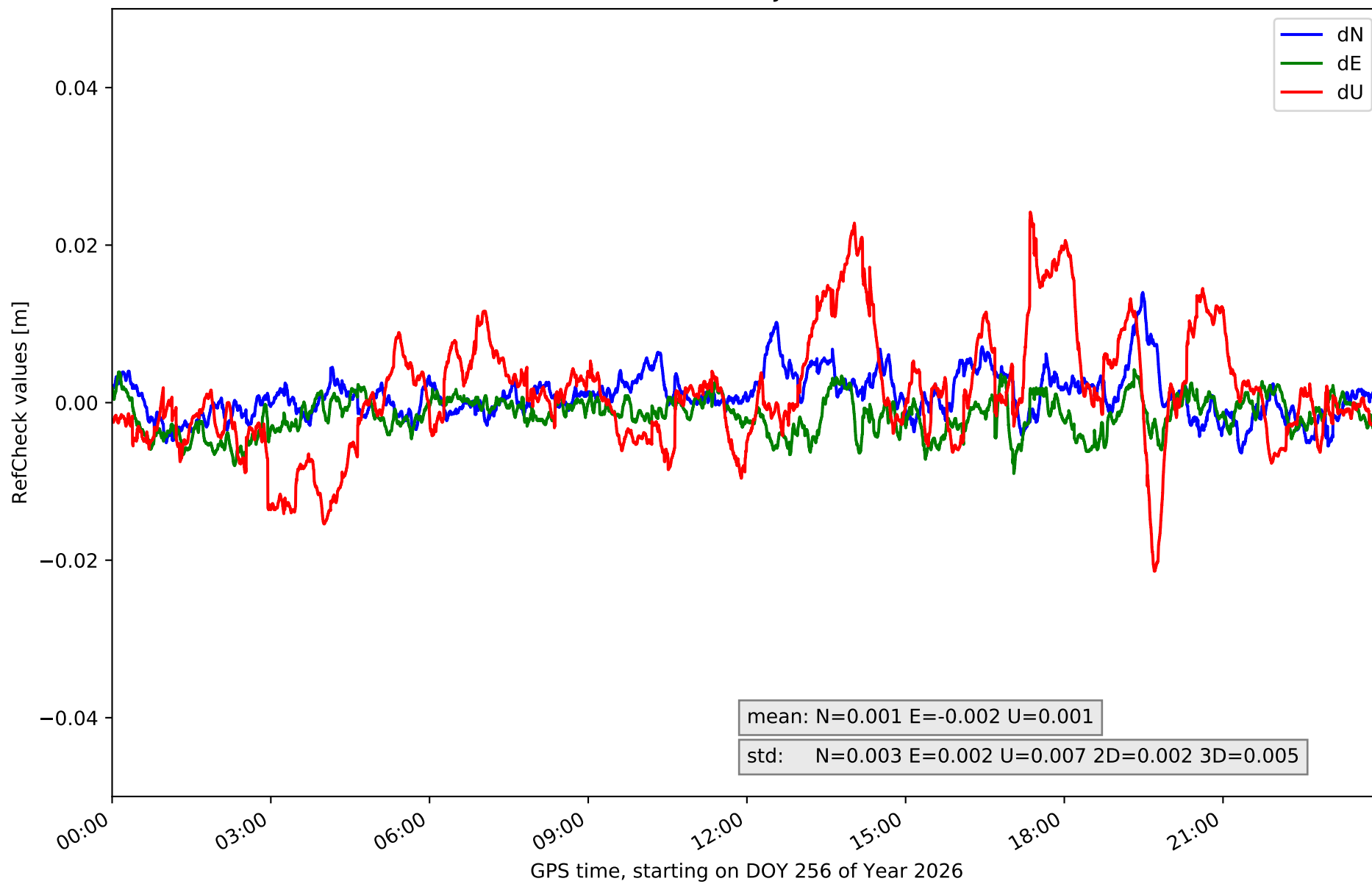
RefCheck for station ARIB in network NET9



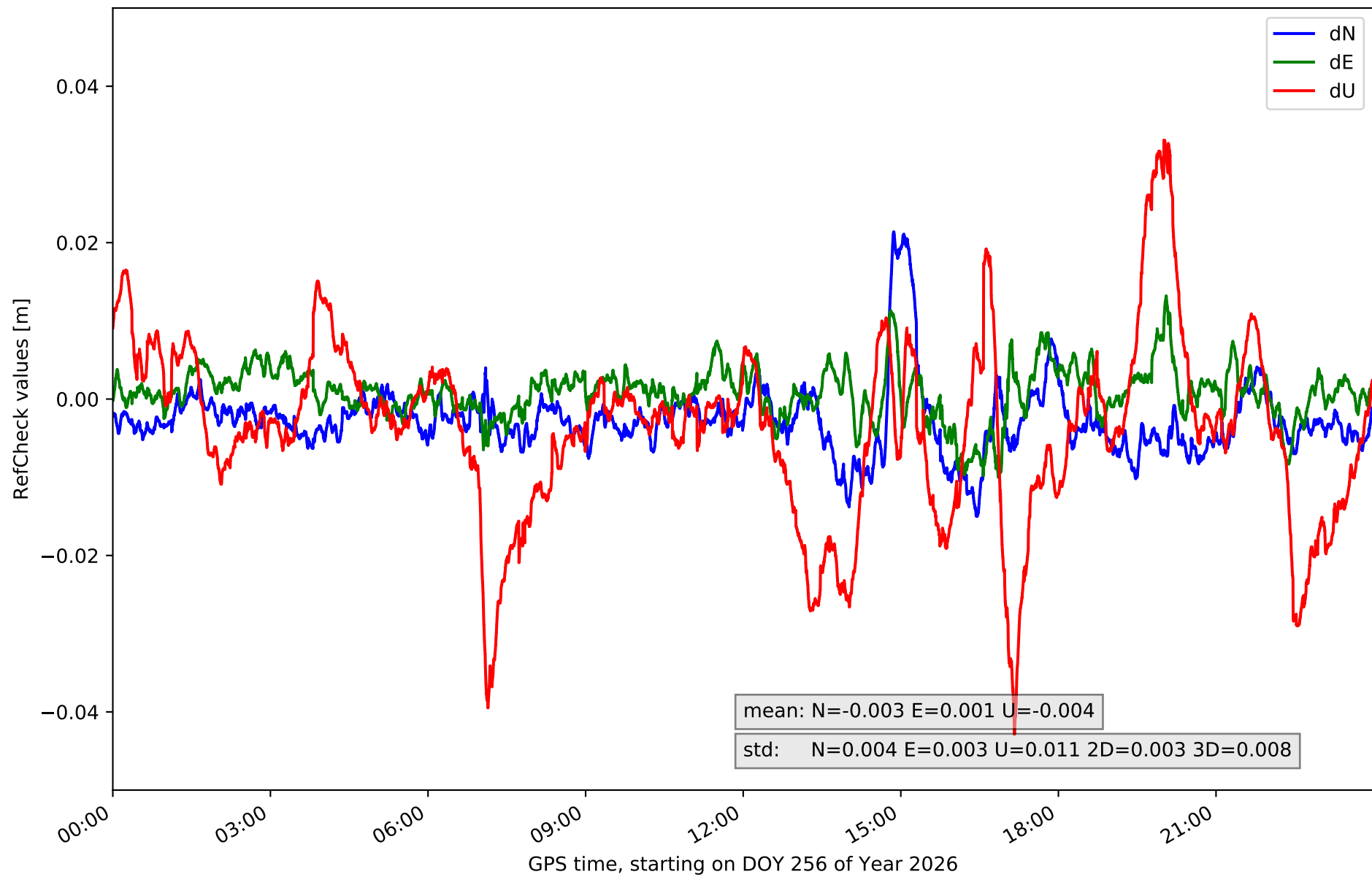
RefCheck for station BLGU in network NET9



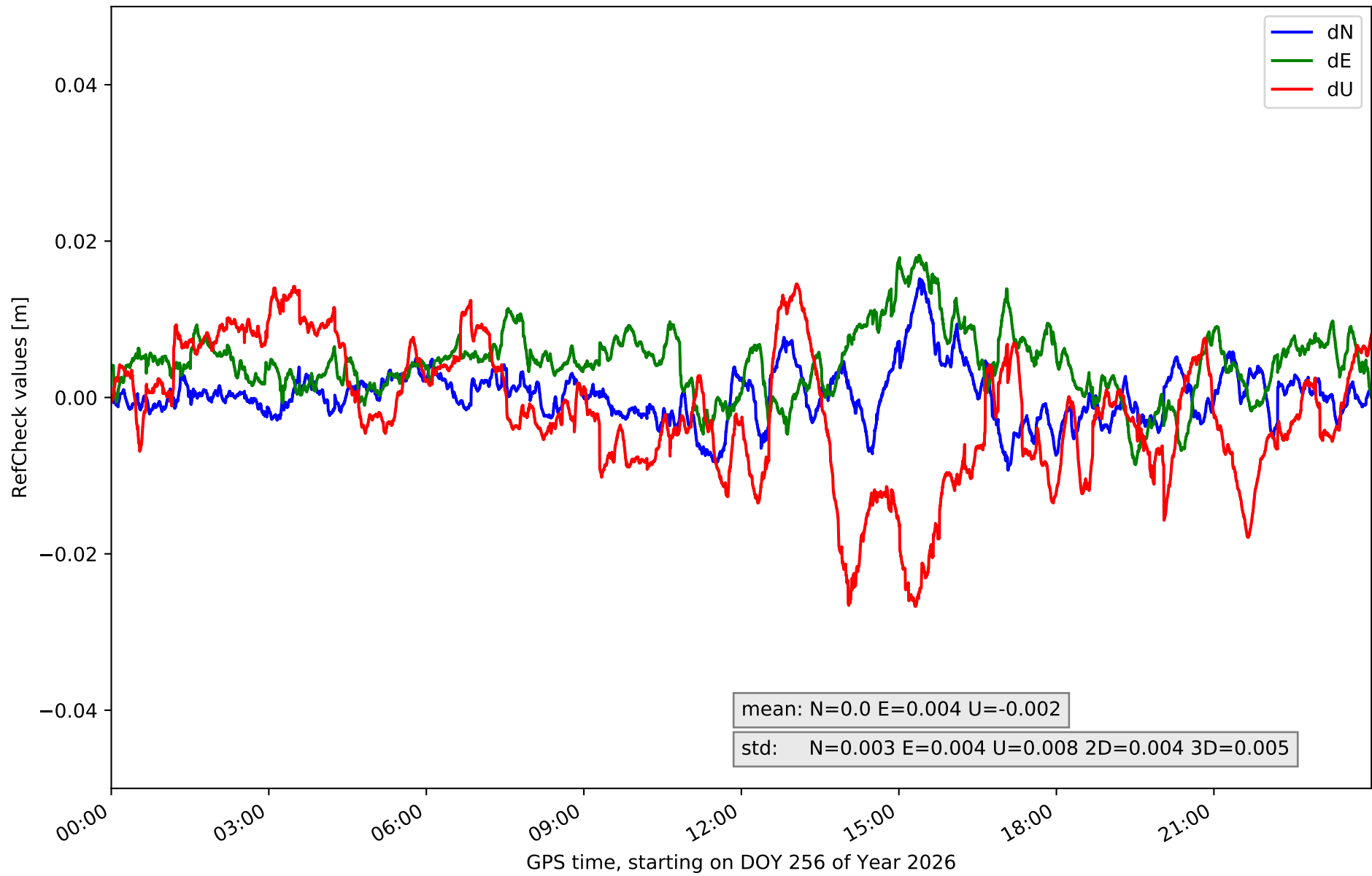
RefCheck for station BRJA in network NET9



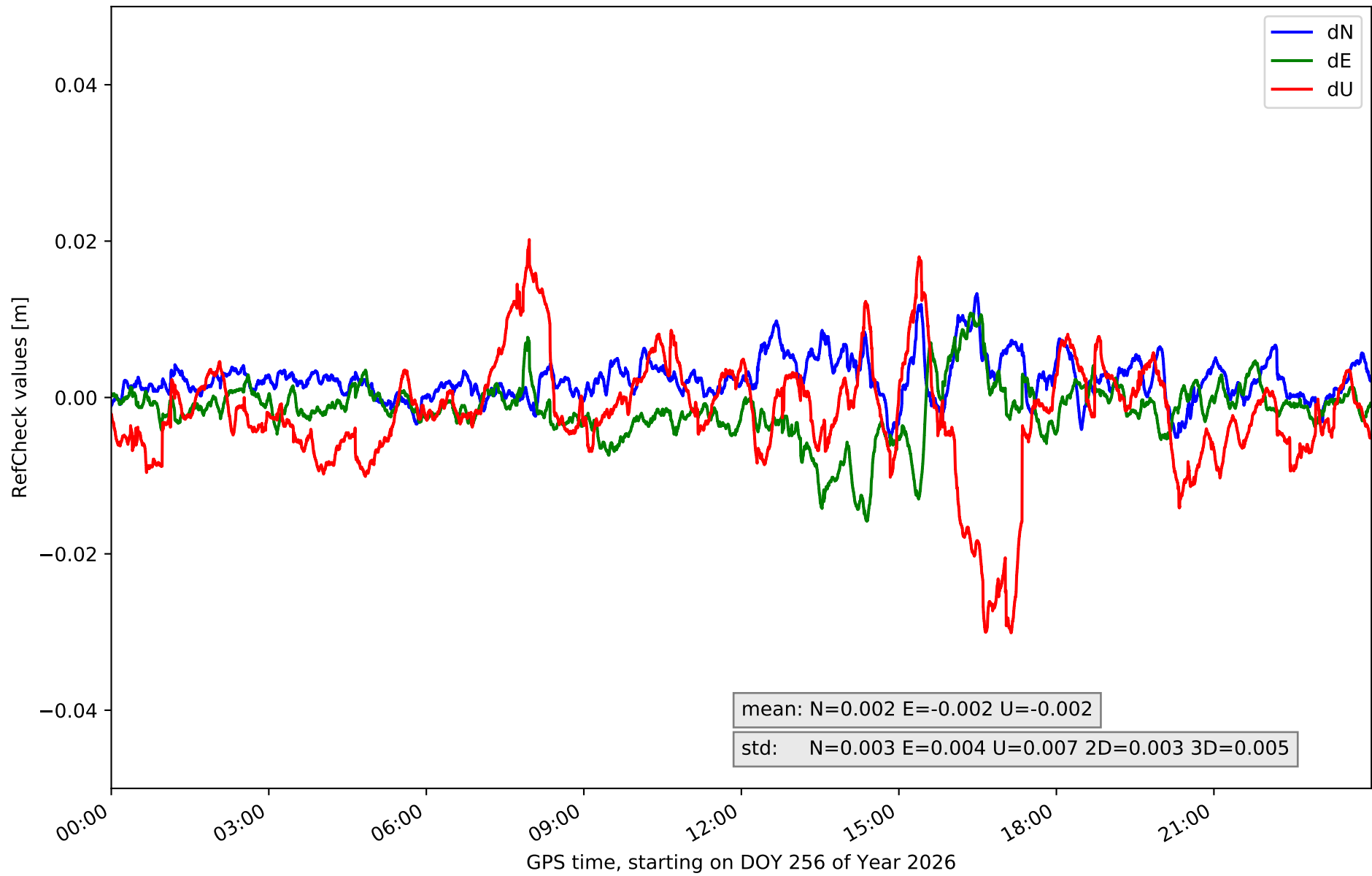
RefCheck for station CARC in network NET9



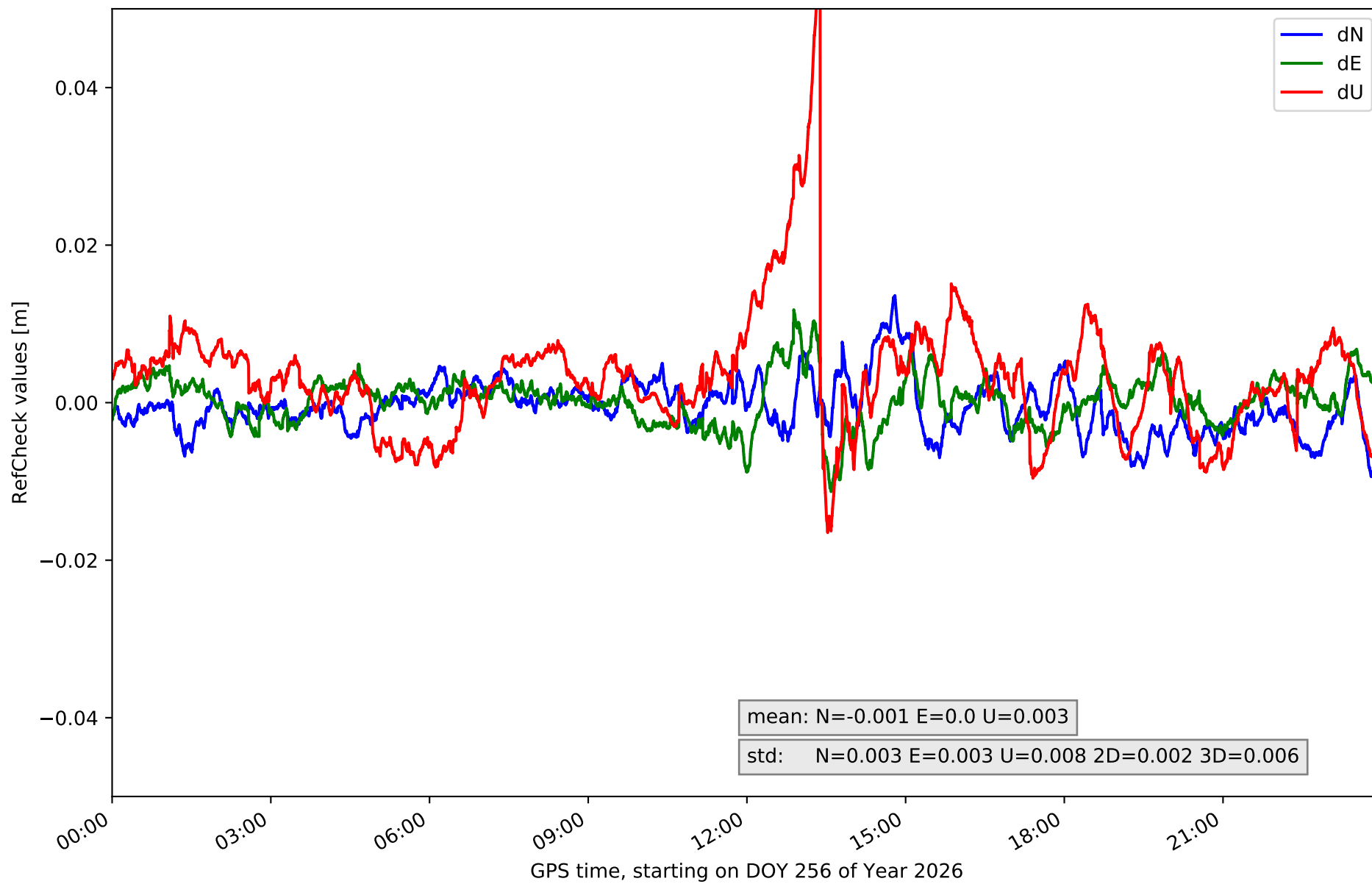
RefCheck for station CSOS in network NET9



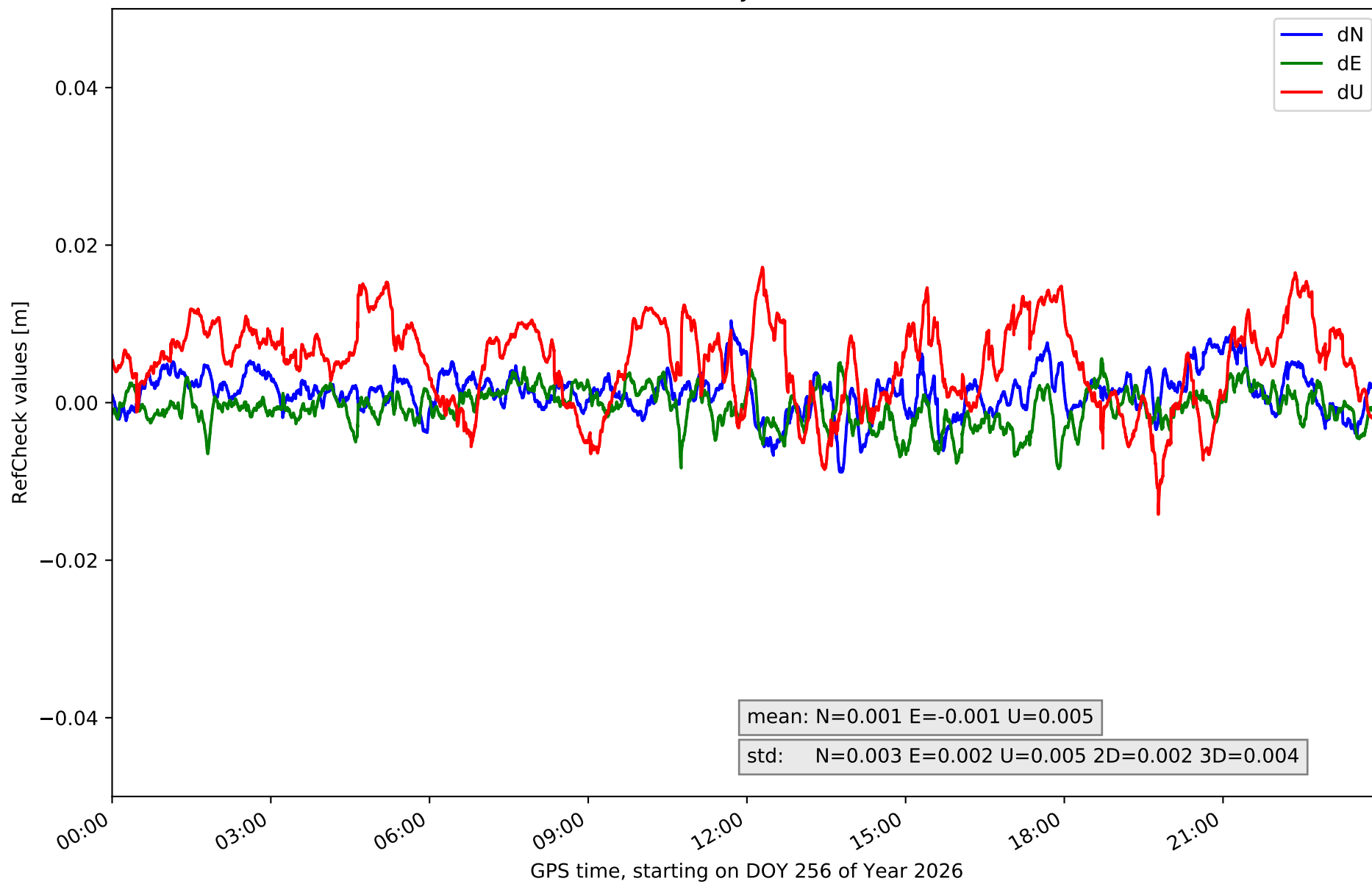
RefCheck for station EJEA in network NET9



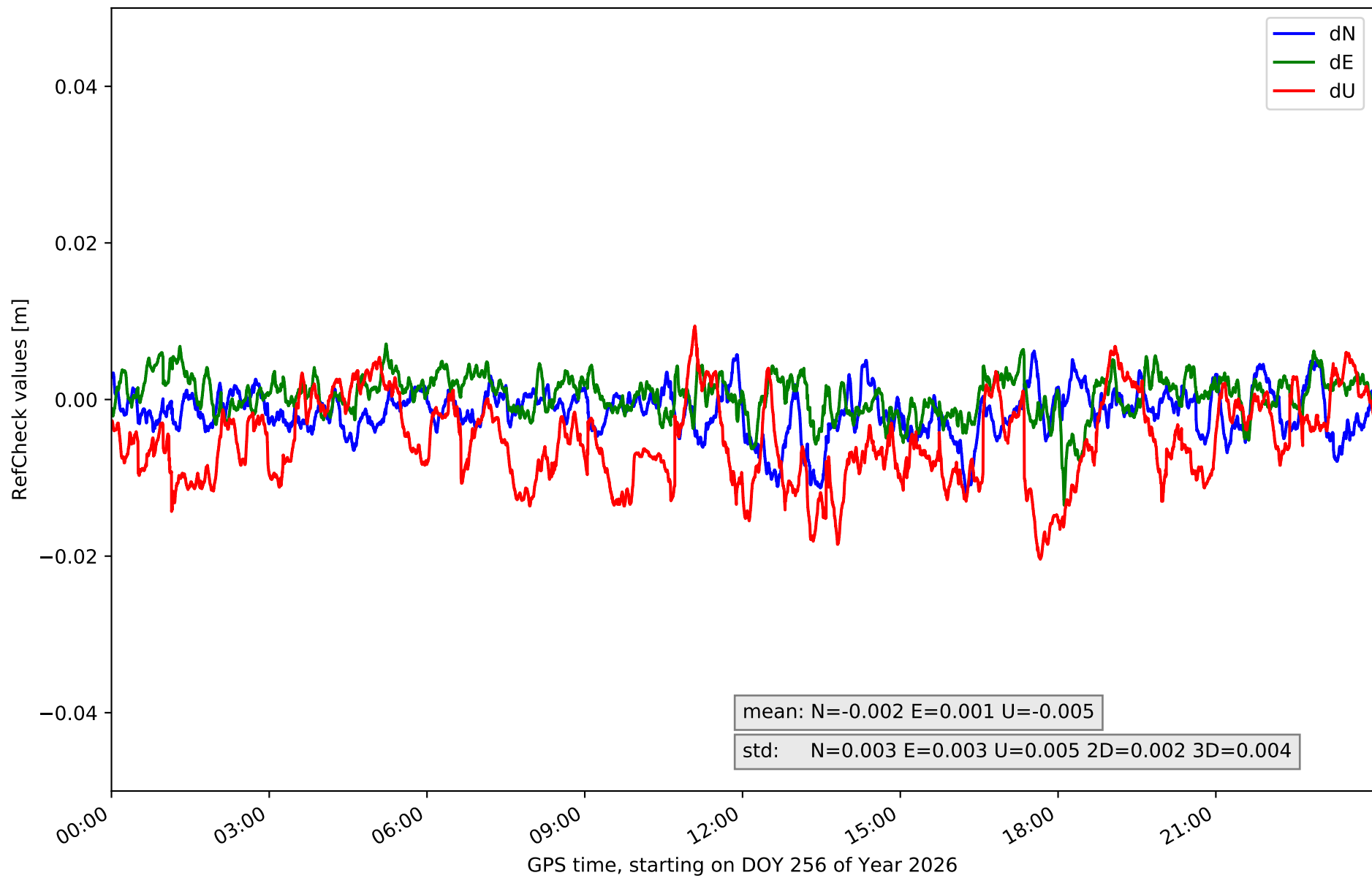
RefCheck for station FRAG in network NET9



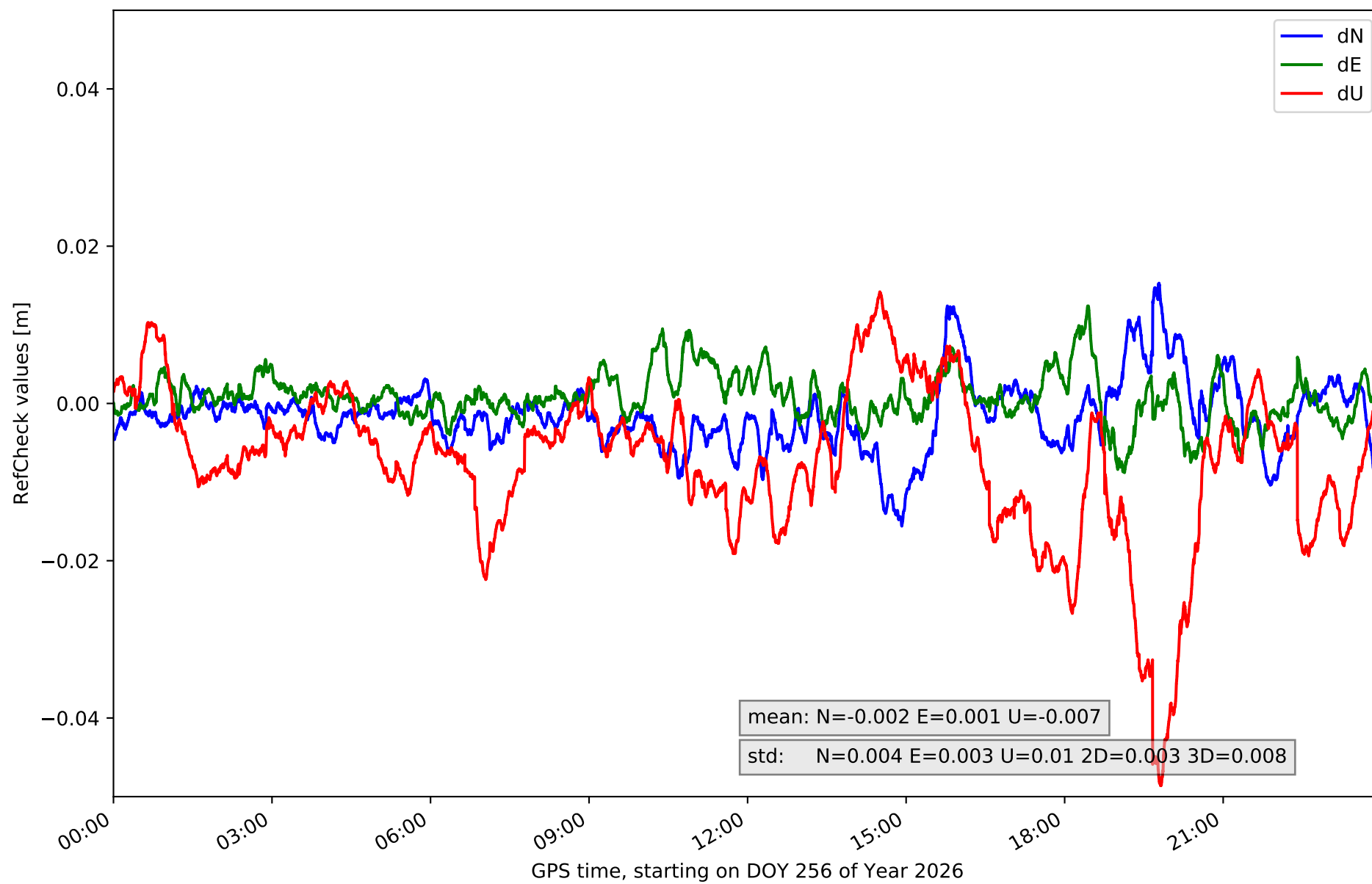
RefCheck for station JACA in network NET9



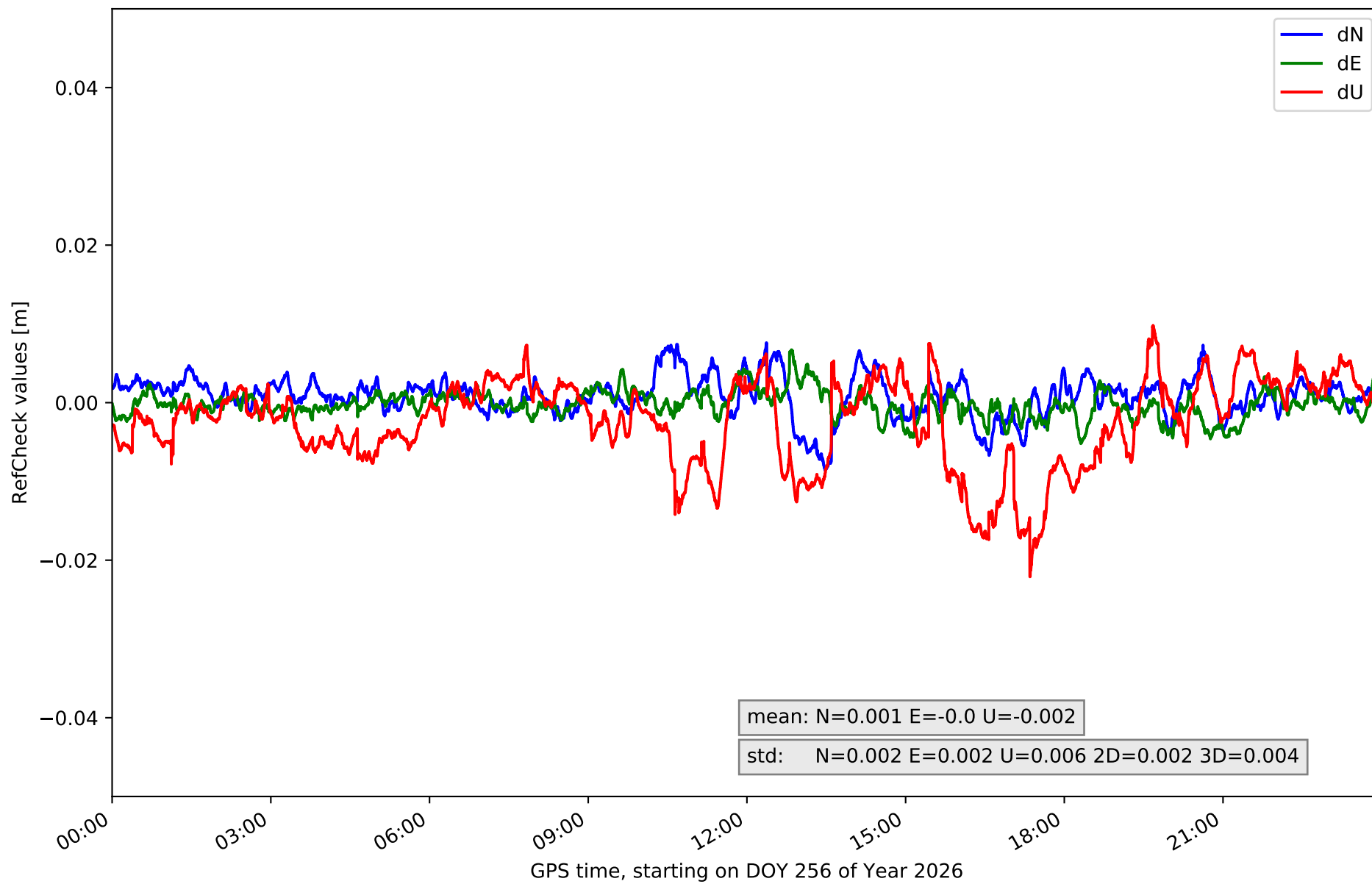
RefCheck for station OSCA in network NET9



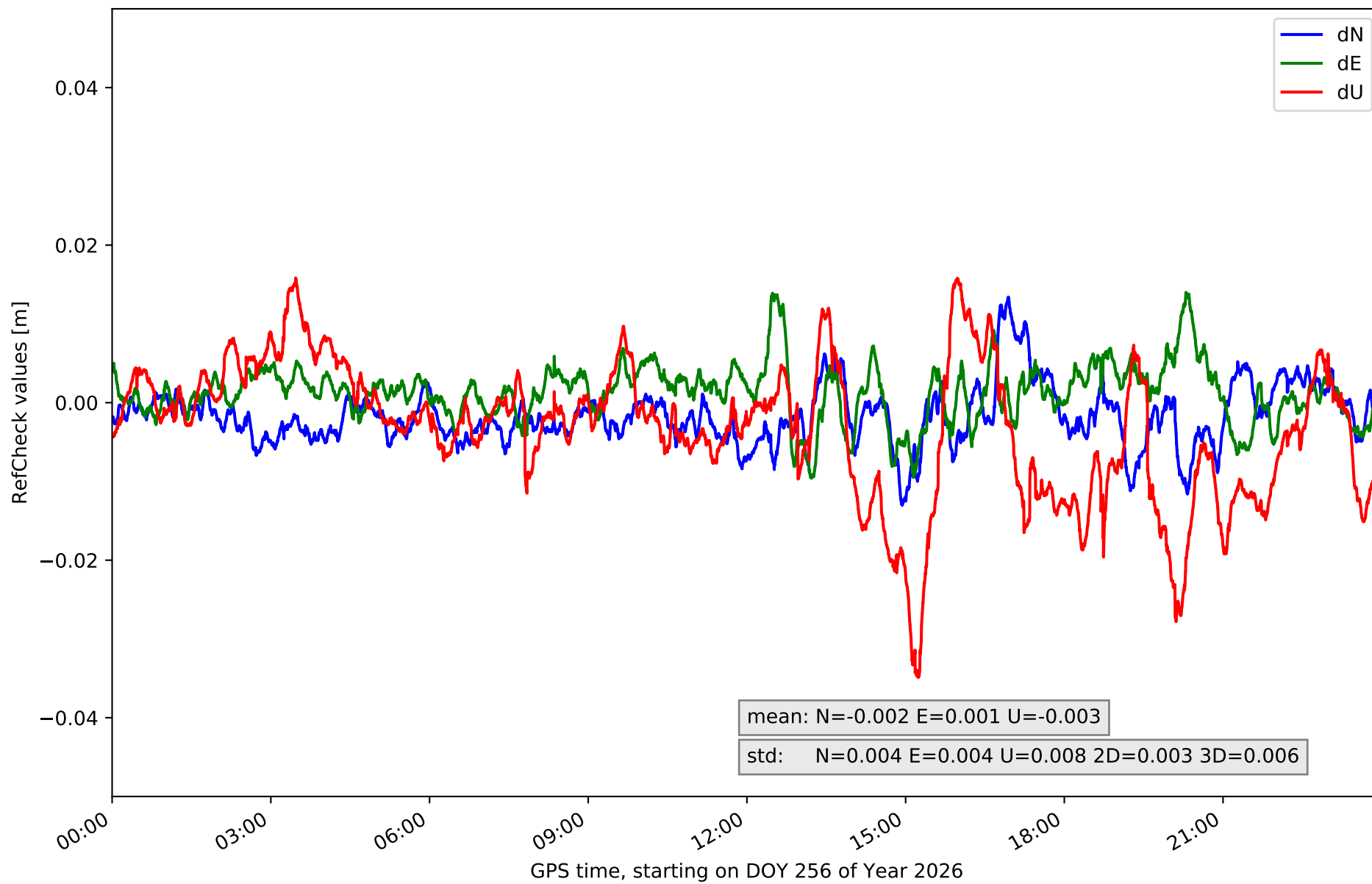
RefCheck for station RONL in network NET9



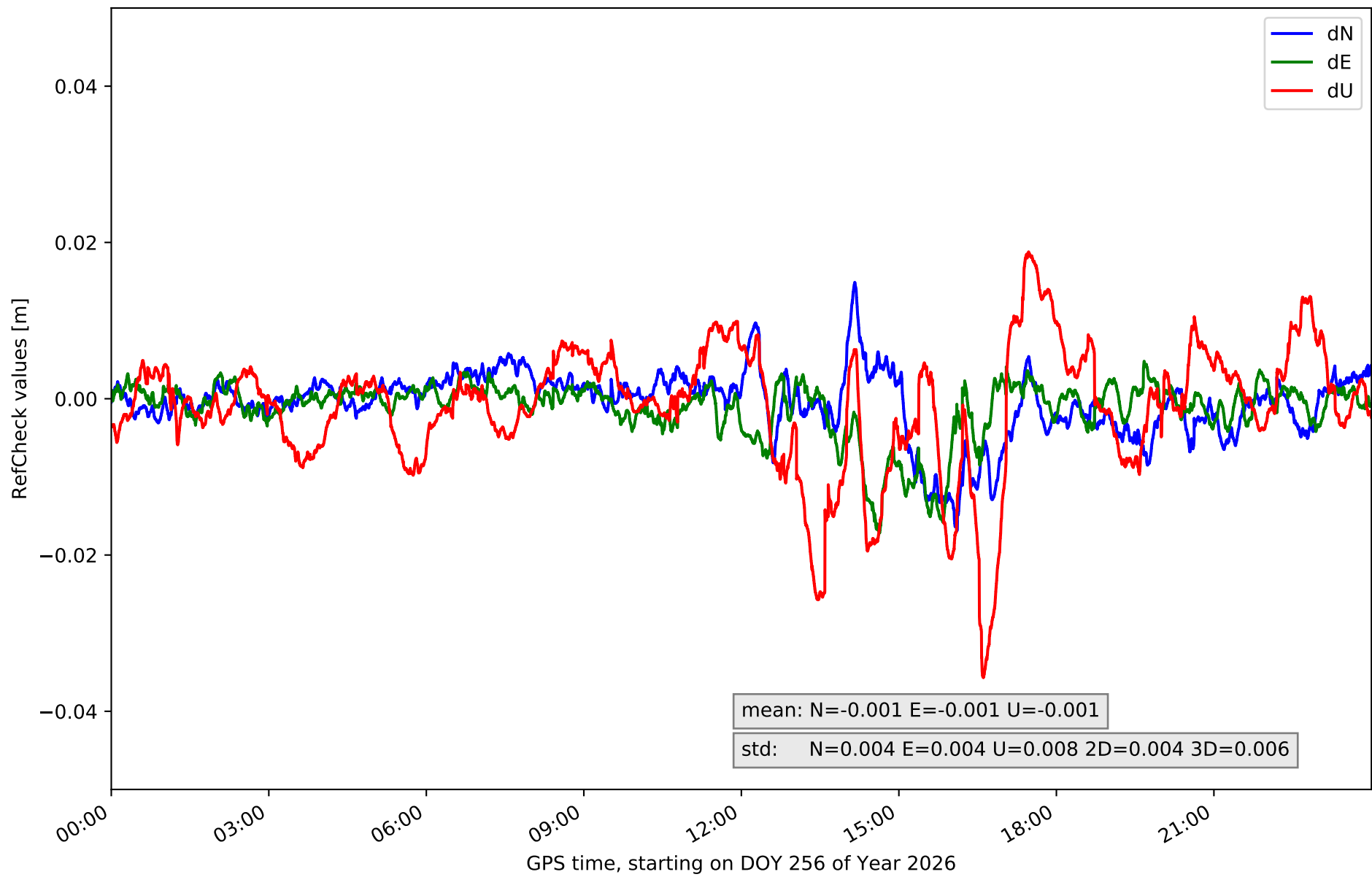
RefCheck for station SABI in network NET9



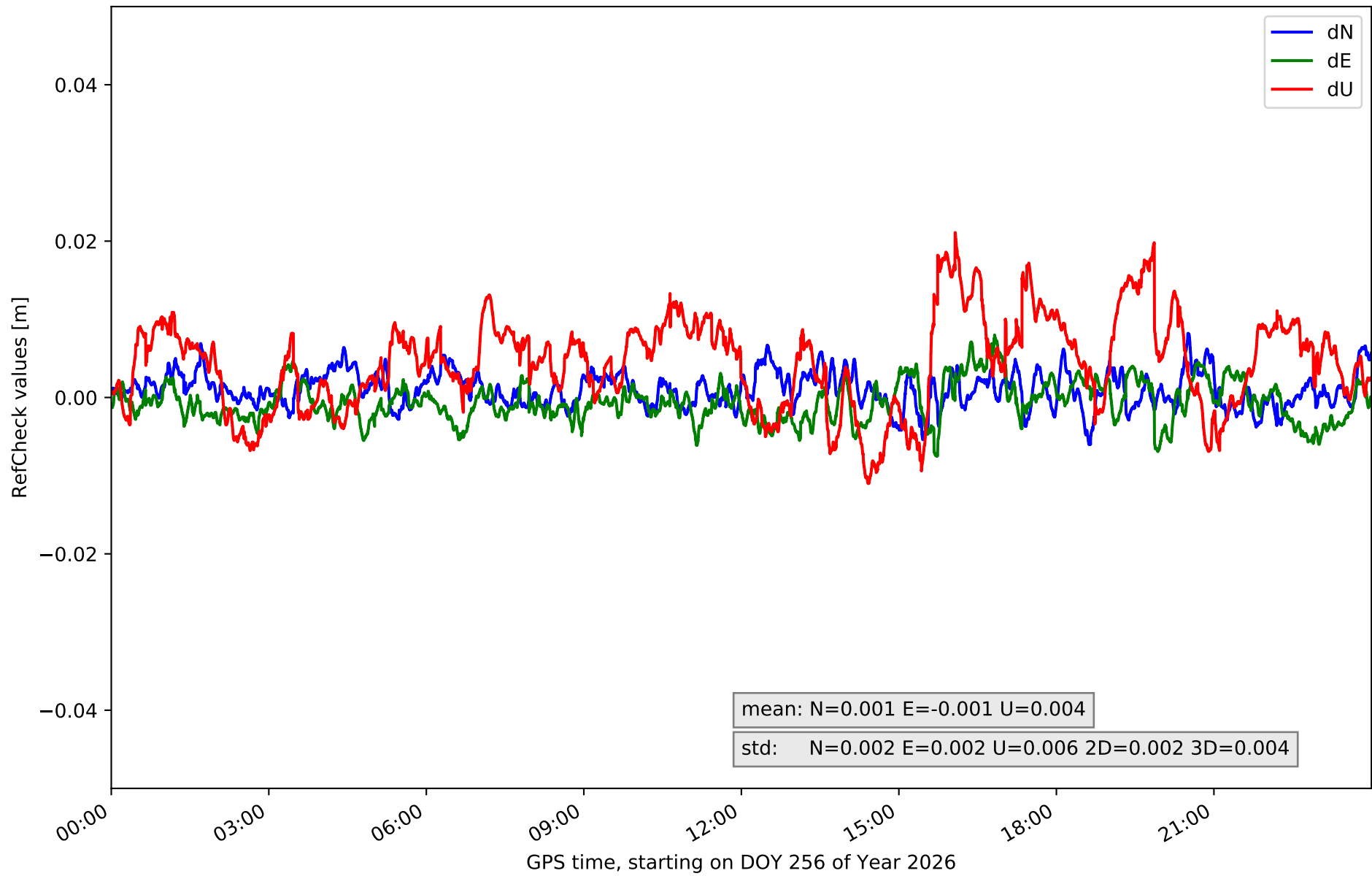
RefCheck for station SANS in network NET9



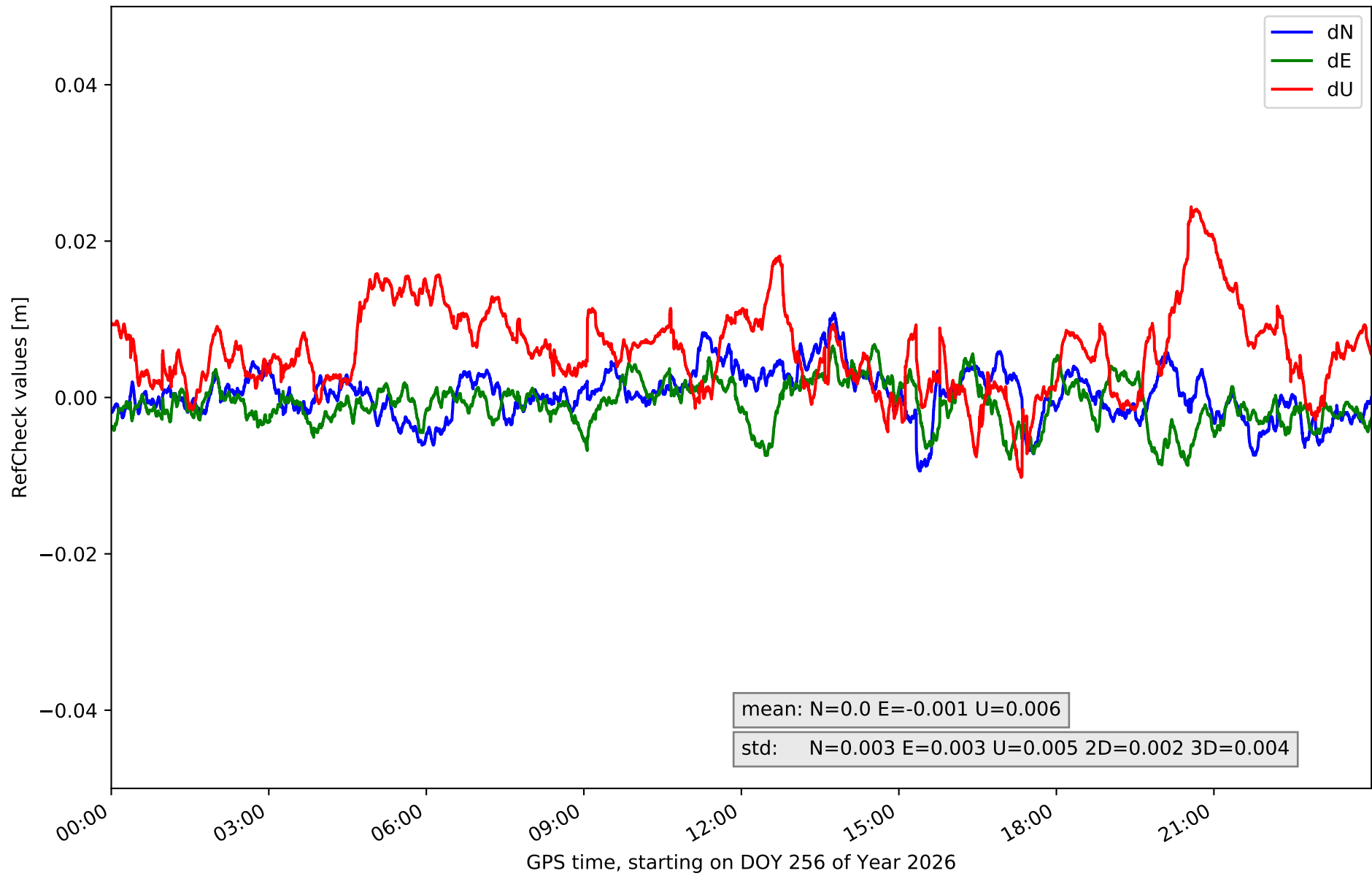
RefCheck for station SRNA in network NET9



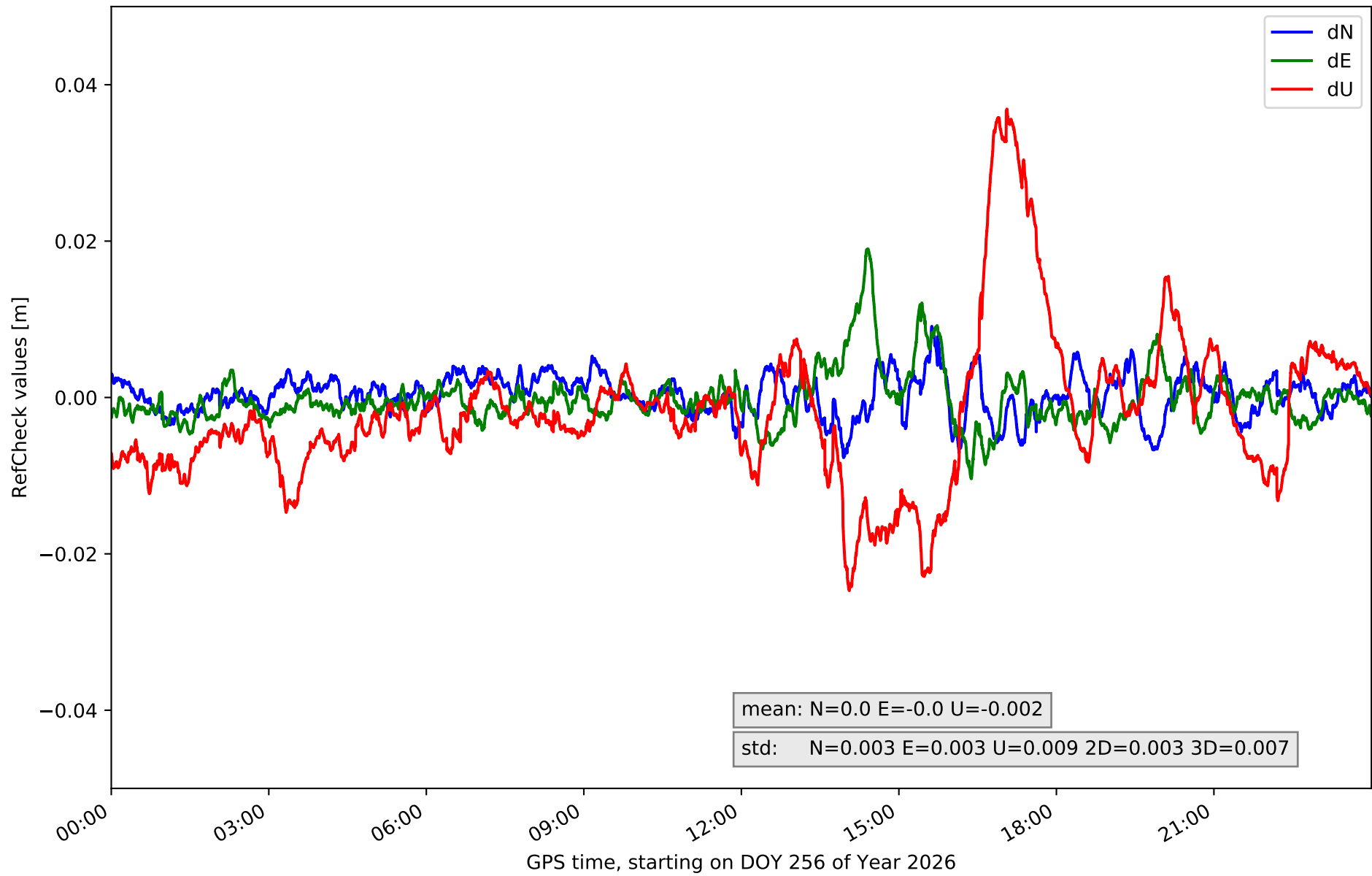
RefCheck for station TUD1 in network NET9



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 | 0.015 | 0.004 | -0.007 | 0.014 | 0.003 | -0.019 | 0.014 | 0.005 | 0.003 | 0.003 | 4621       | 5.8         | 174        | 0.2         |
| BLGU    | -0.009 | 0.007 | 0.003 | -0.009 | 0.004 | 0.002 | -0.017 | 0.012 | 0.005 | 0.002 | 0.003 | 1126       | 1.4         | 0          | 0.0         |
| BRJA    | -0.006 | 0.014 | 0.003 | -0.009 | 0.004 | 0.002 | -0.021 | 0.024 | 0.007 | 0.002 | 0.005 | 1116       | 1.4         | 1650       | 2.1         |
| CARC    | -0.015 | 0.021 | 0.004 | -0.01  | 0.013 | 0.003 | -0.043 | 0.033 | 0.011 | 0.003 | 0.008 | 6163       | 7.8         | 11295      | 14.2        |
| CSOS    | -0.009 | 0.015 | 0.003 | -0.009 | 0.018 | 0.004 | -0.027 | 0.015 | 0.008 | 0.004 | 0.005 | 7131       | 9.0         | 3974       | 5.0         |
| EJEA    | -0.005 | 0.013 | 0.003 | -0.016 | 0.011 | 0.004 | -0.03  | 0.02  | 0.007 | 0.003 | 0.005 | 5491       | 6.9         | 4275       | 5.4         |
| FRAG    | -0.009 | 0.014 | 0.003 | -0.011 | 0.012 | 0.003 | -0.017 | 0.06  | 0.008 | 0.002 | 0.006 | 1760       | 2.2         | 2451       | 3.1         |
| JACA    | -0.009 | 0.01  | 0.003 | -0.008 | 0.006 | 0.002 | -0.014 | 0.017 | 0.005 | 0.002 | 0.004 | 75         | 0.1         | 0          | 0.0         |
| OSCA    | -0.012 | 0.006 | 0.003 | -0.013 | 0.007 | 0.003 | -0.02  | 0.009 | 0.005 | 0.002 | 0.004 | 1996       | 2.5         | 612        | 0.8         |
| RONL    | -0.016 | 0.015 | 0.004 | -0.009 | 0.012 | 0.003 | -0.049 | 0.014 | 0.01  | 0.003 | 0.008 | 5917       | 7.5         | 7318       | 9.2         |
| SABI    | -0.009 | 0.008 | 0.002 | -0.005 | 0.007 | 0.002 | -0.022 | 0.01  | 0.006 | 0.002 | 0.004 | 0          | 0.0         | 120        | 0.2         |
| SANS    | -0.013 | 0.013 | 0.004 | -0.01  | 0.014 | 0.004 | -0.035 | 0.016 | 0.008 | 0.003 | 0.006 | 5056       | 6.4         | 3509       | 4.4         |
| SRNA    | -0.017 | 0.015 | 0.004 | -0.017 | 0.005 | 0.004 | -0.036 | 0.019 | 0.008 | 0.004 | 0.006 | 7479       | 9.4         | 4630       | 5.8         |
| TUD1    | -0.006 | 0.008 | 0.002 | -0.007 | 0.008 | 0.002 | -0.011 | 0.021 | 0.006 | 0.002 | 0.004 | 0          | 0.0         | 94         | 0.1         |
| ZARA    | -0.009 | 0.011 | 0.003 | -0.009 | 0.007 | 0.003 | -0.01  | 0.024 | 0.005 | 0.002 | 0.004 | 740        | 0.9         | 1736       | 2.2         |
| ZUER    | -0.008 | 0.009 | 0.003 | -0.01  | 0.019 | 0.003 | -0.025 | 0.037 | 0.009 | 0.003 | 0.007 | 2757       | 3.5         | 6045       | 7.6         |
| Mean    | -0.01  | 0.012 | 0.003 | -0.01  | 0.01  | 0.003 | -0.025 | 0.022 | 0.007 | 0.003 | 0.005 | 3214.2     | 4.0         | 2992.7     | 3.8         |
| Min/Max | -0.017 | 0.021 | 0.004 | -0.017 | 0.019 | 0.004 | -0.049 | 0.06  | 0.011 | 0.004 | 0.008 | 7479       | 9.4         | 11295      | 14.2        |

## fixing statistic for network NET9

| fixing percentage of                             | all GNSS | G    | R    | E    | C    |
|--------------------------------------------------|----------|------|------|------|------|
| using threshold 0.3                              | 94.7     | 95.0 | 94.9 | 95.4 | 93.3 |
| considering satellites with dual-frequency fixed | 93.4     | 93.7 | 93.7 | 94.3 | 91.3 |
| considering all signals separately               | 93.3     | 93.8 | 93.7 | 94.4 | 89.8 |