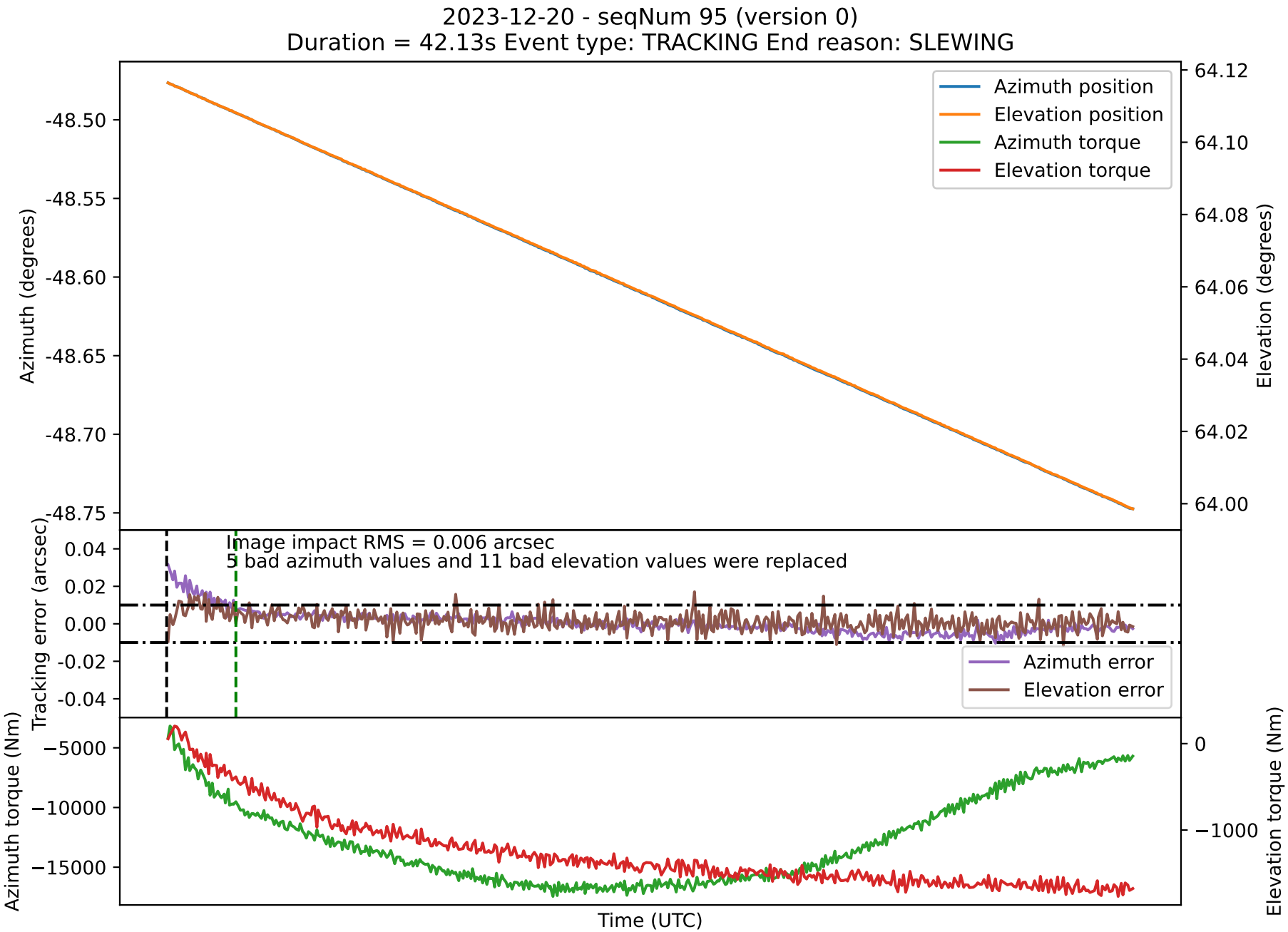
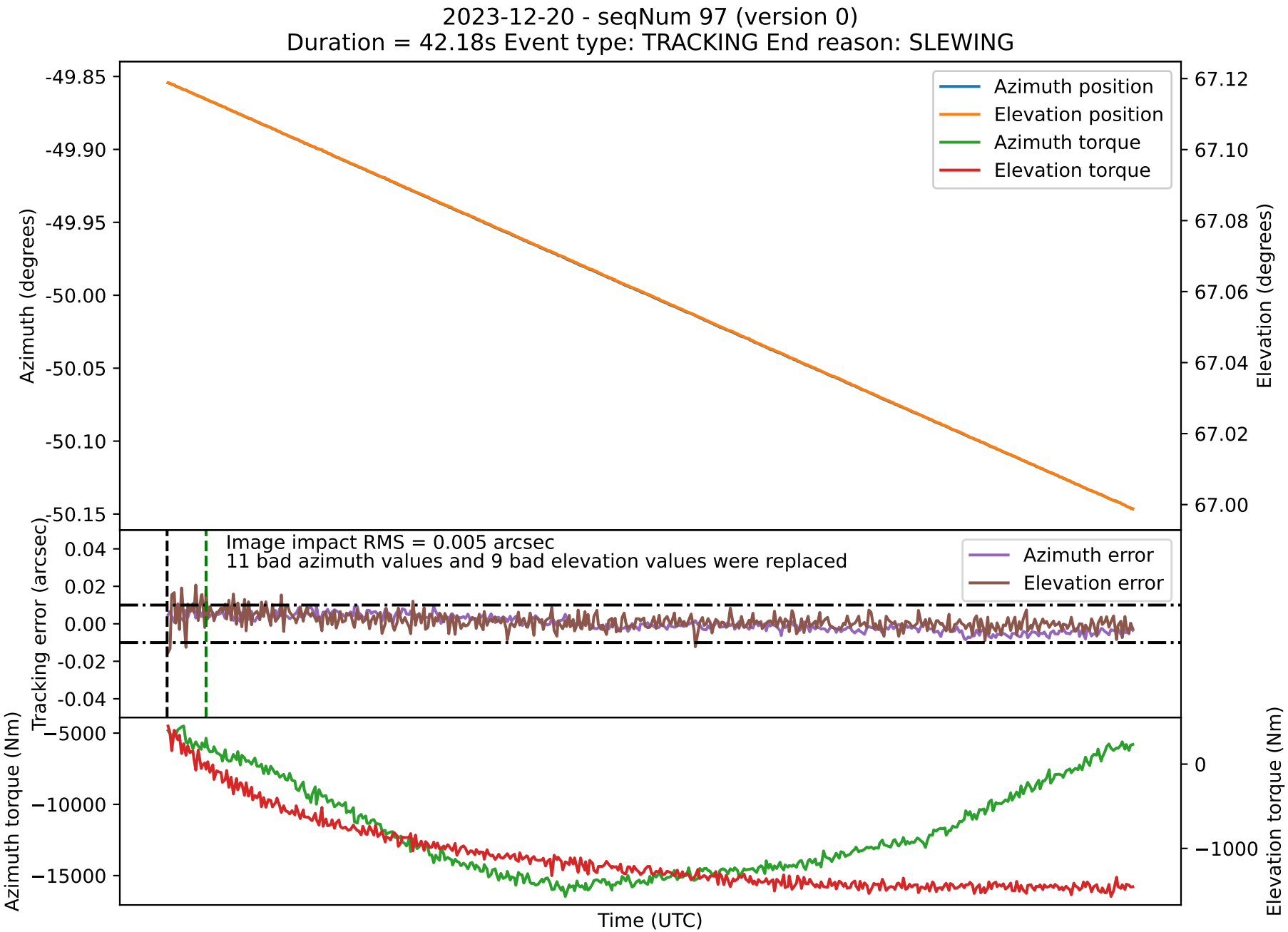
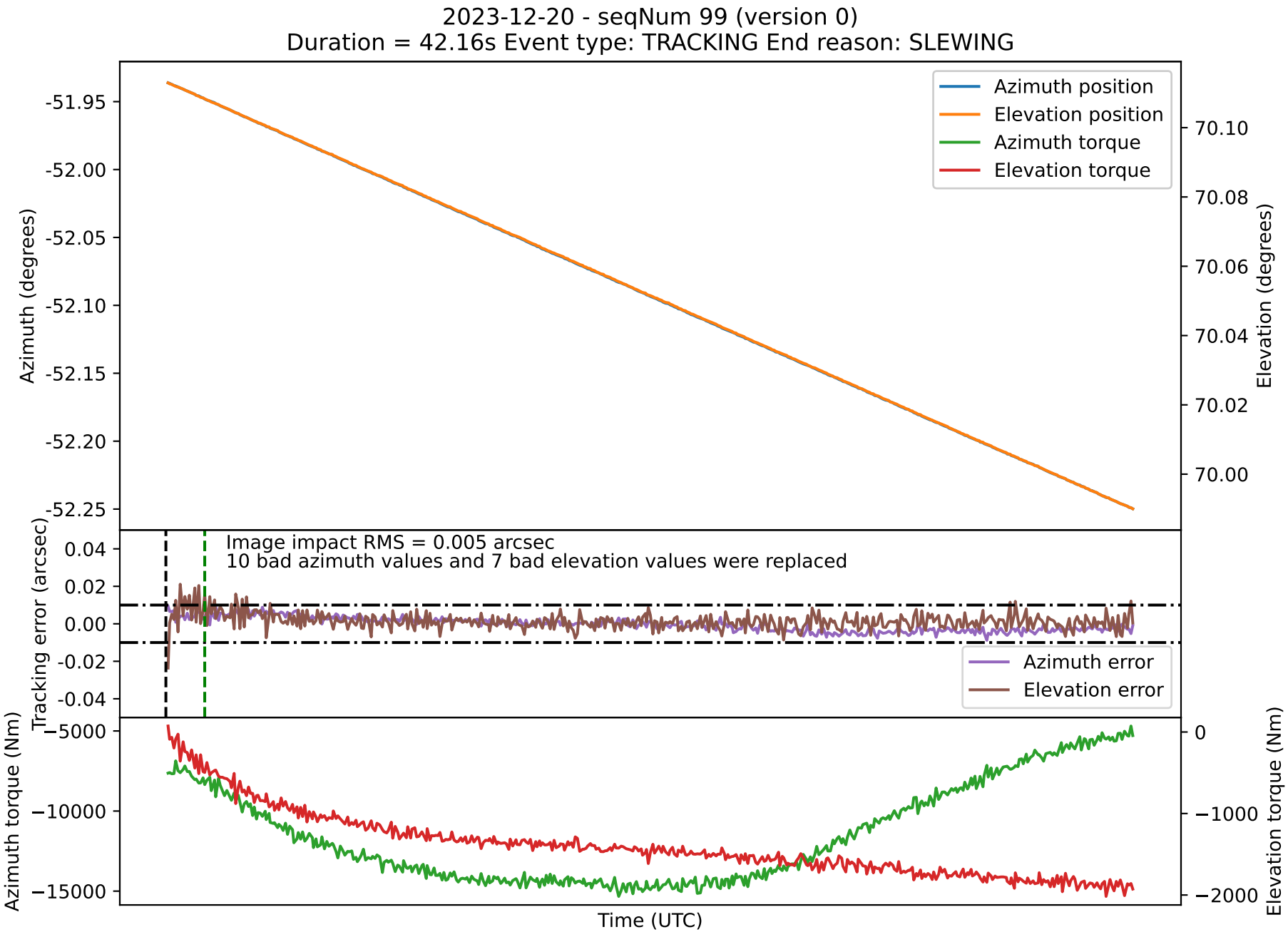
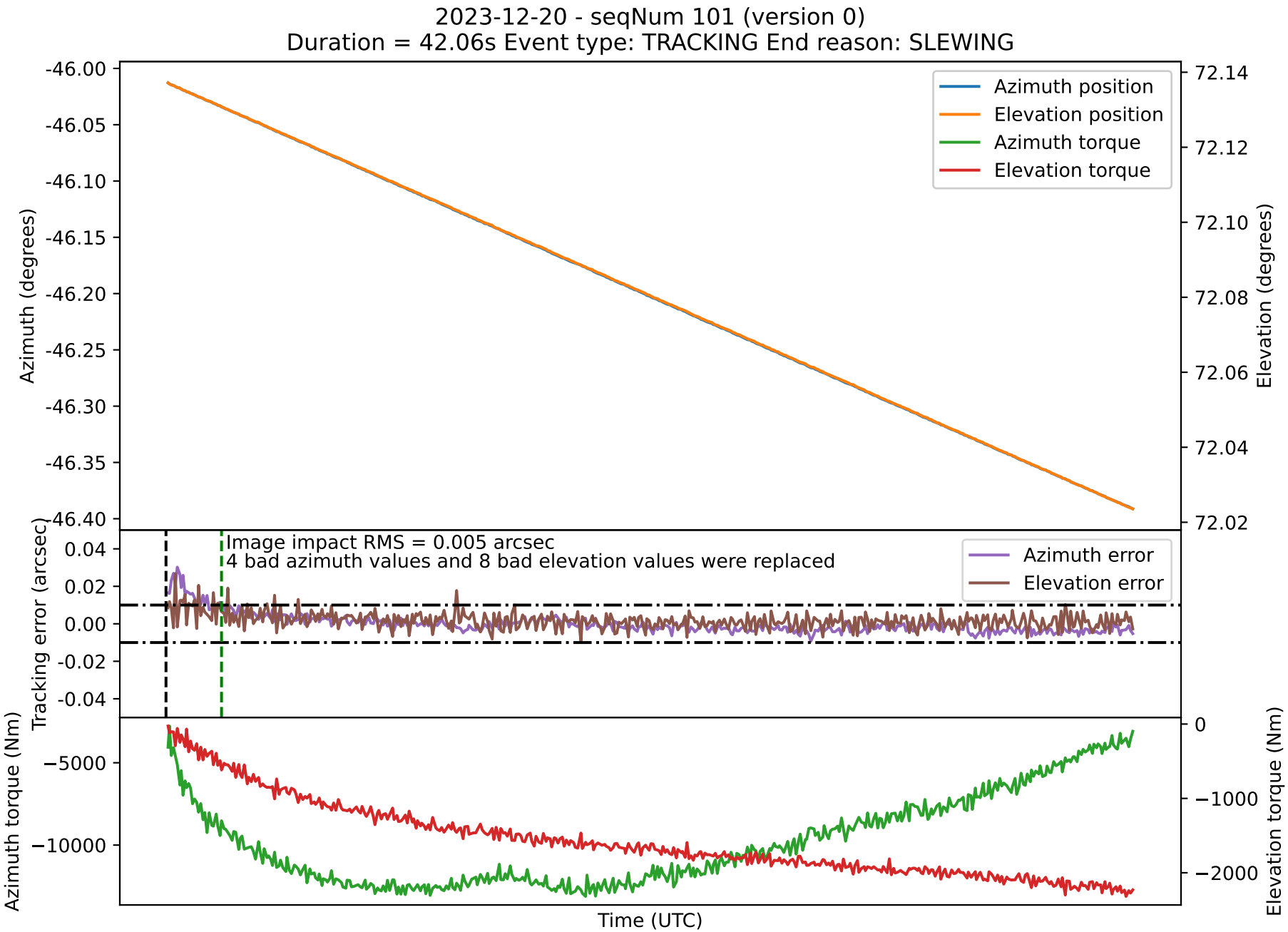
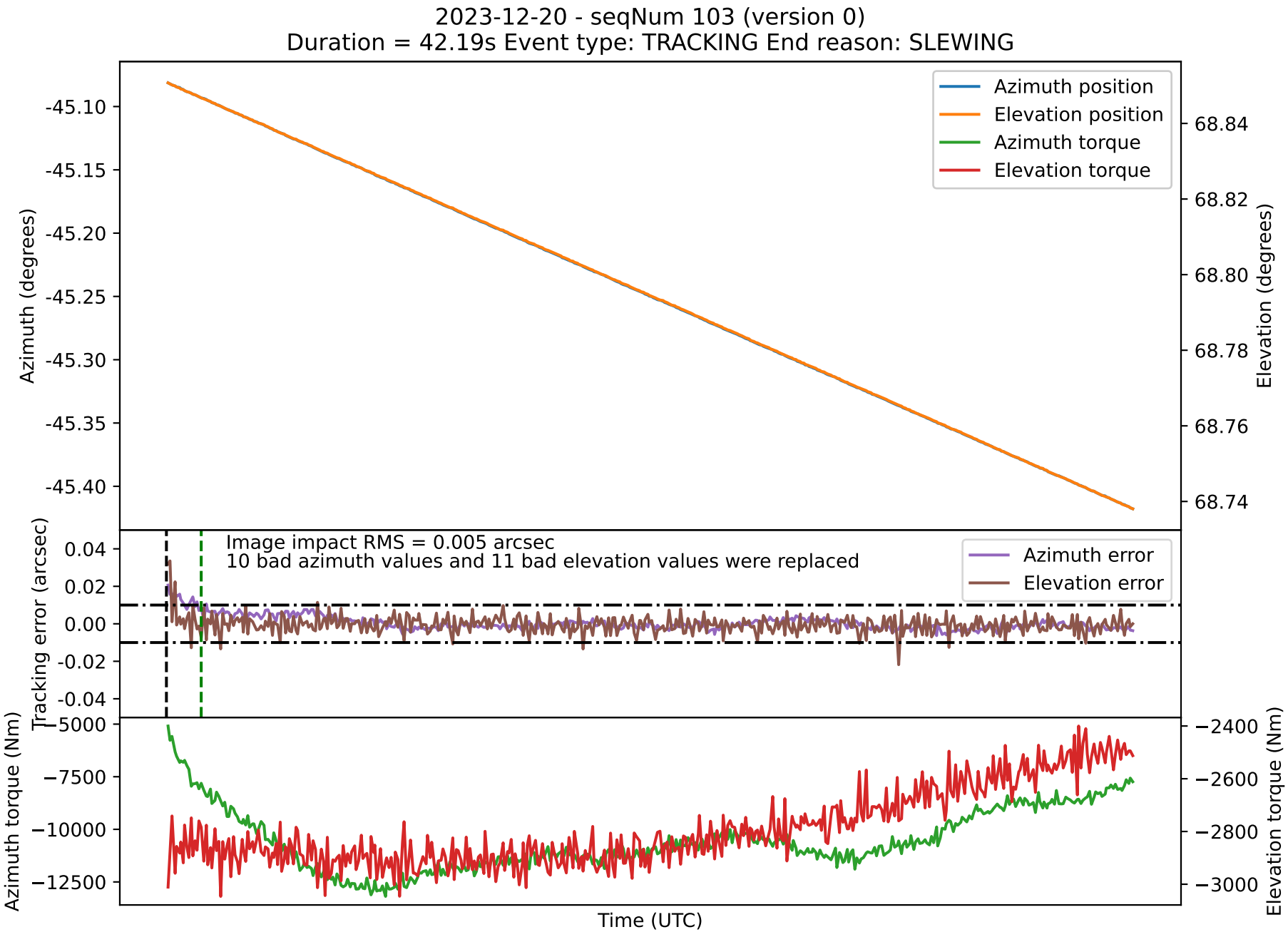
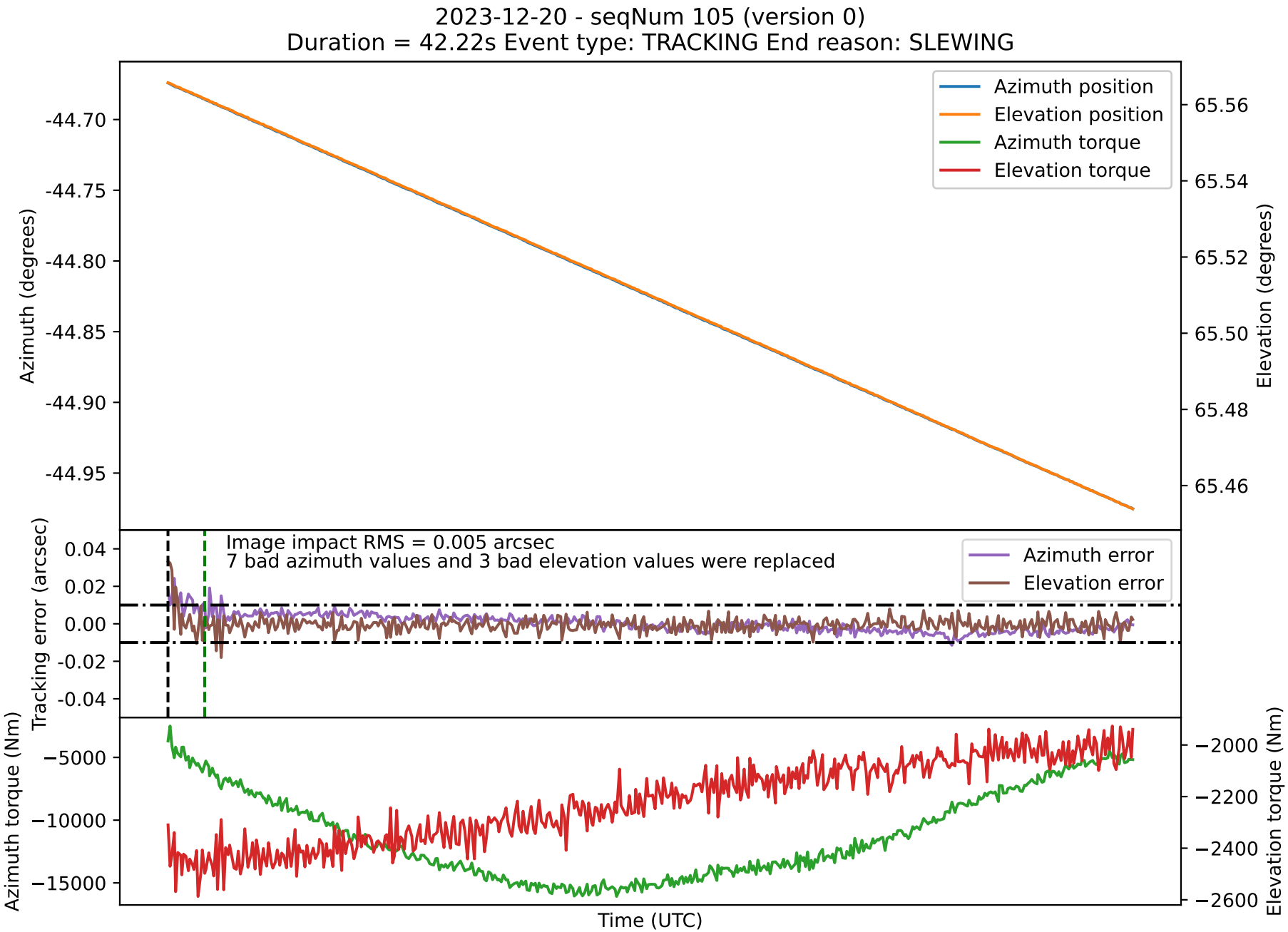

2023-12-20 - seqNum 95 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-48.50
-48.55
-48.60
-48.65
-48.70
-48.75
64.12
64.10
64.08
64.06
64.04
64.02
64.00
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 11 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−1000
Time (UTC)

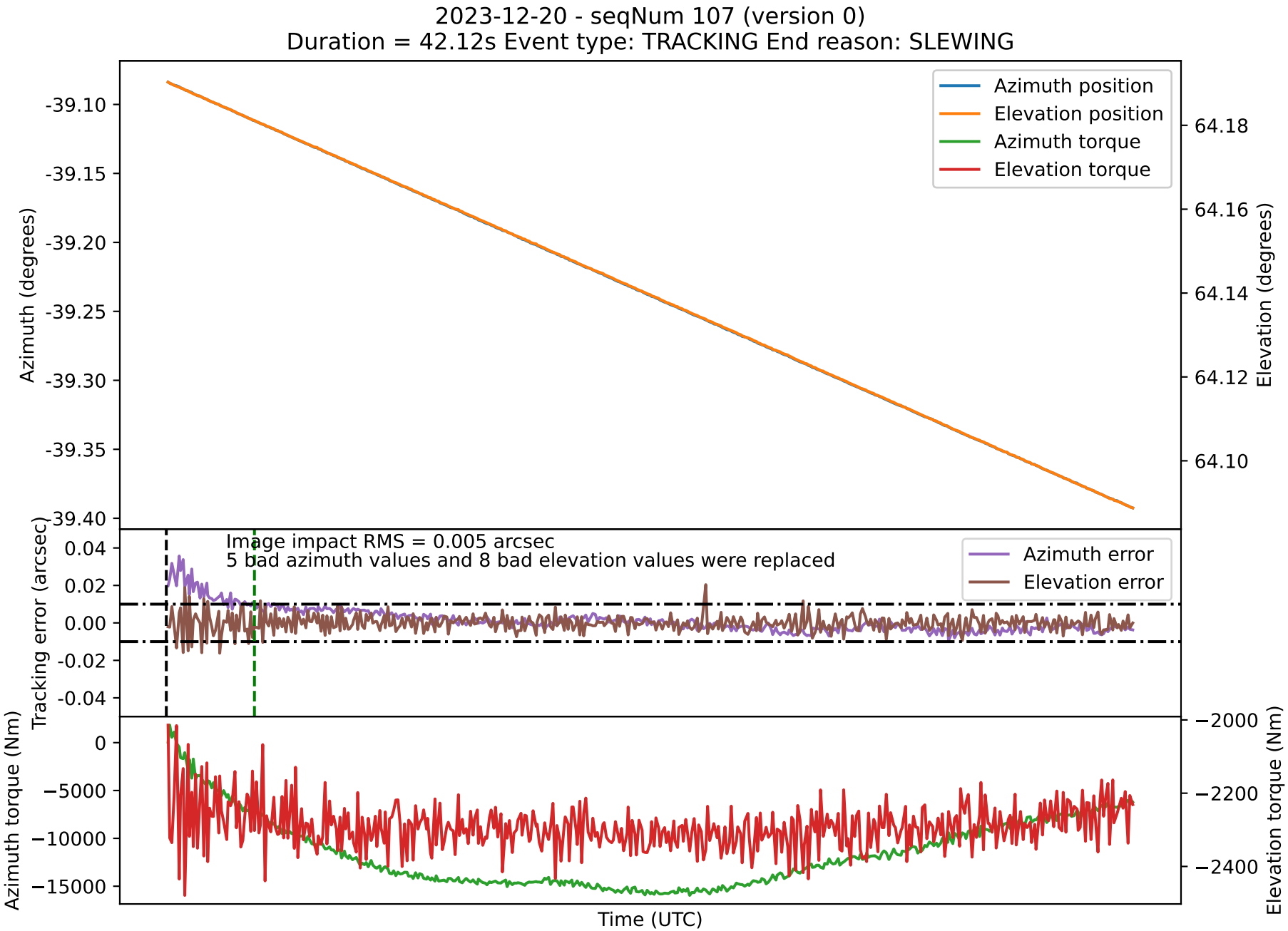

2023-12-20 - seqNum 97 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-49.85
-49.90
-49.95
-50.00
-50.05
-50.10
-50.15
67.12
67.10
67.08
67.06
67.04
67.02
67.00
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−1000
Time (UTC)

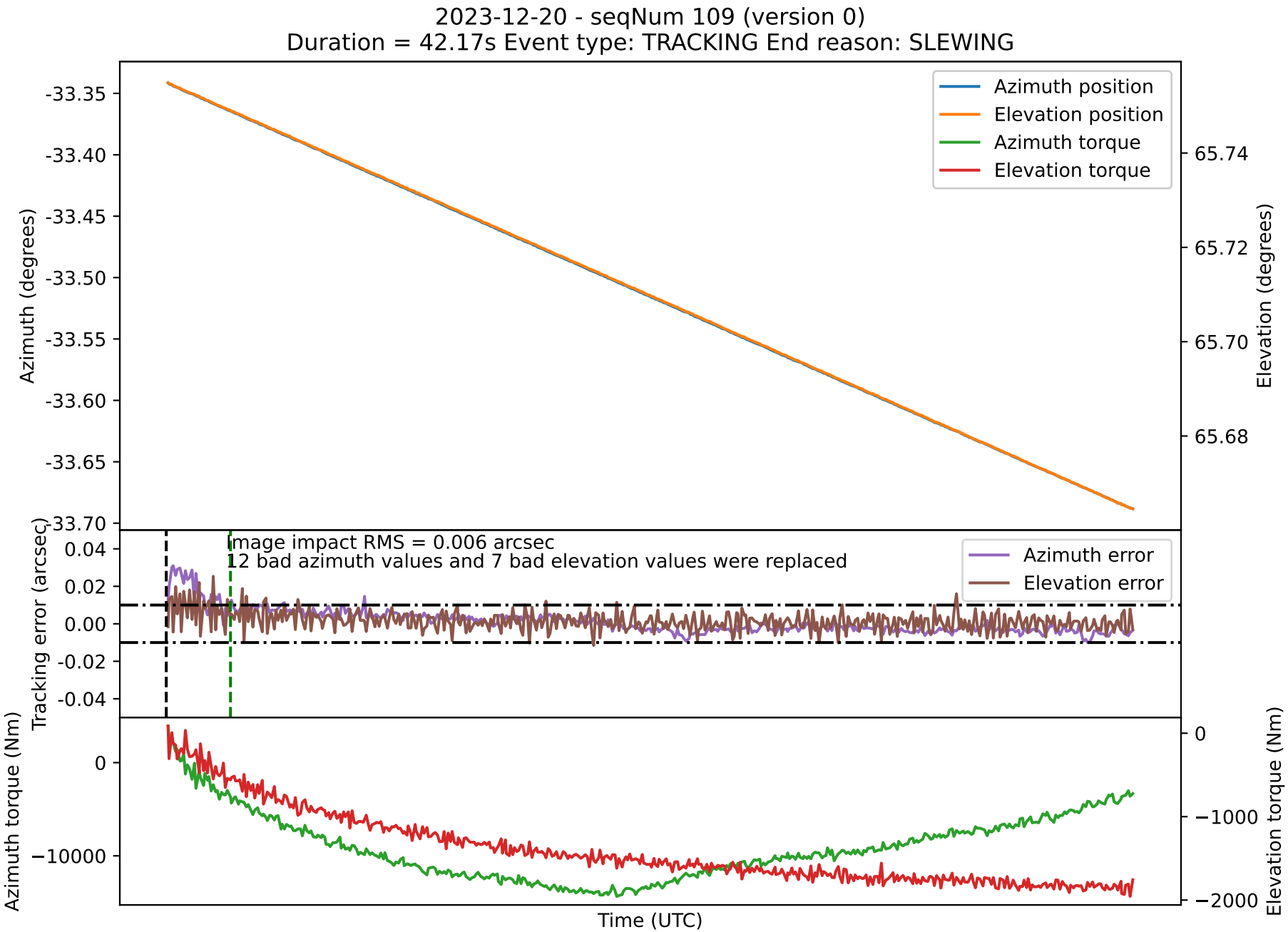

2023-12-20 - seqNum 99 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-51.95
-52.00
-52.05
-52.10
-52.15
-52.20
-52.25
70.10
70.08
70.06
70.04
70.02
70.00
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−1000
−2000
Time (UTC)

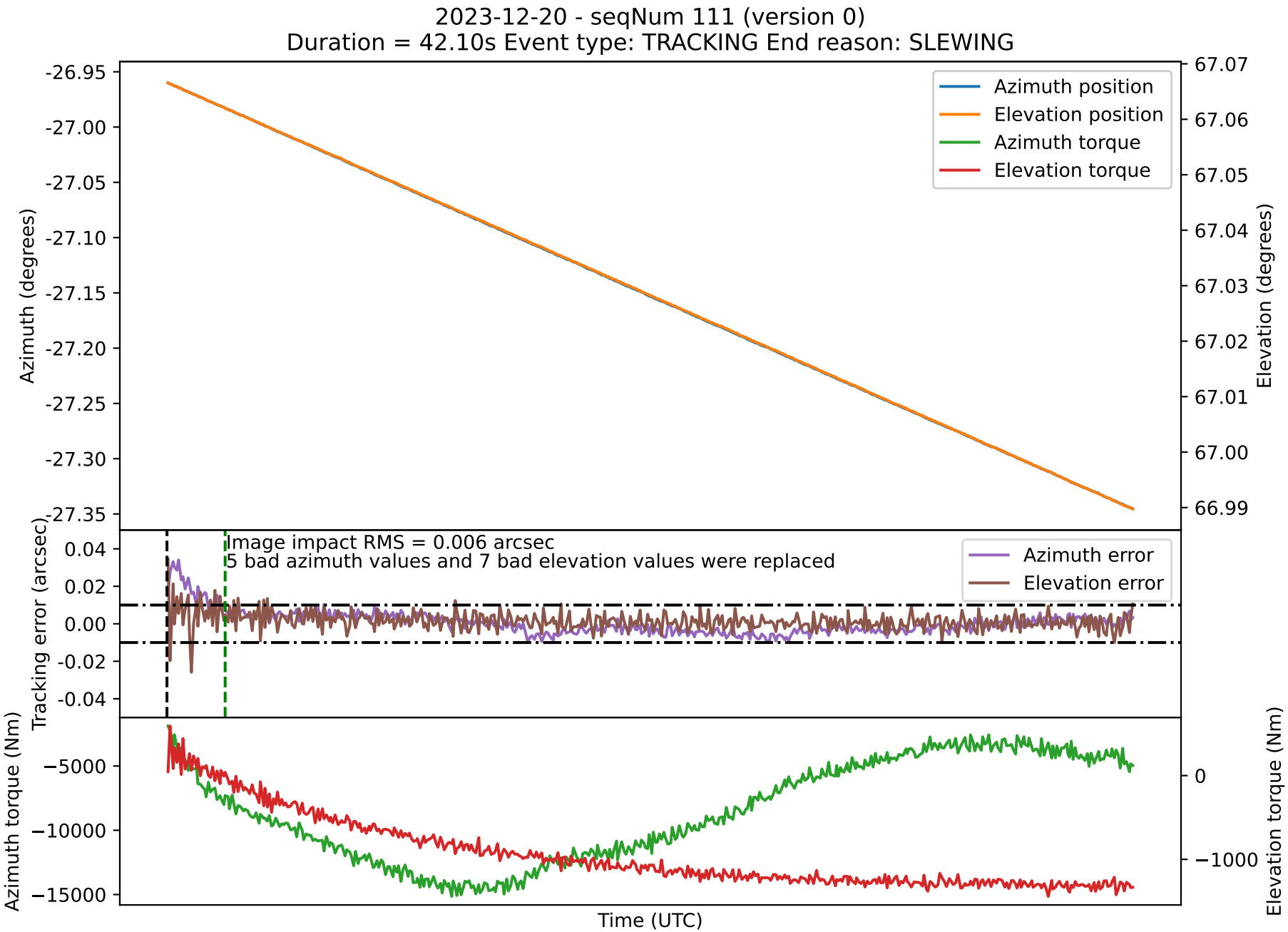

2023-12-20 - seqNum 101 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-46.00
-46.05
-46.10
-46.15
-46.20
-46.25
-46.30
-46.35
-46.40
72.14
72.12
72.10
72.08
72.06
72.04
72.02
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
0
−1000
−2000
Time (UTC)

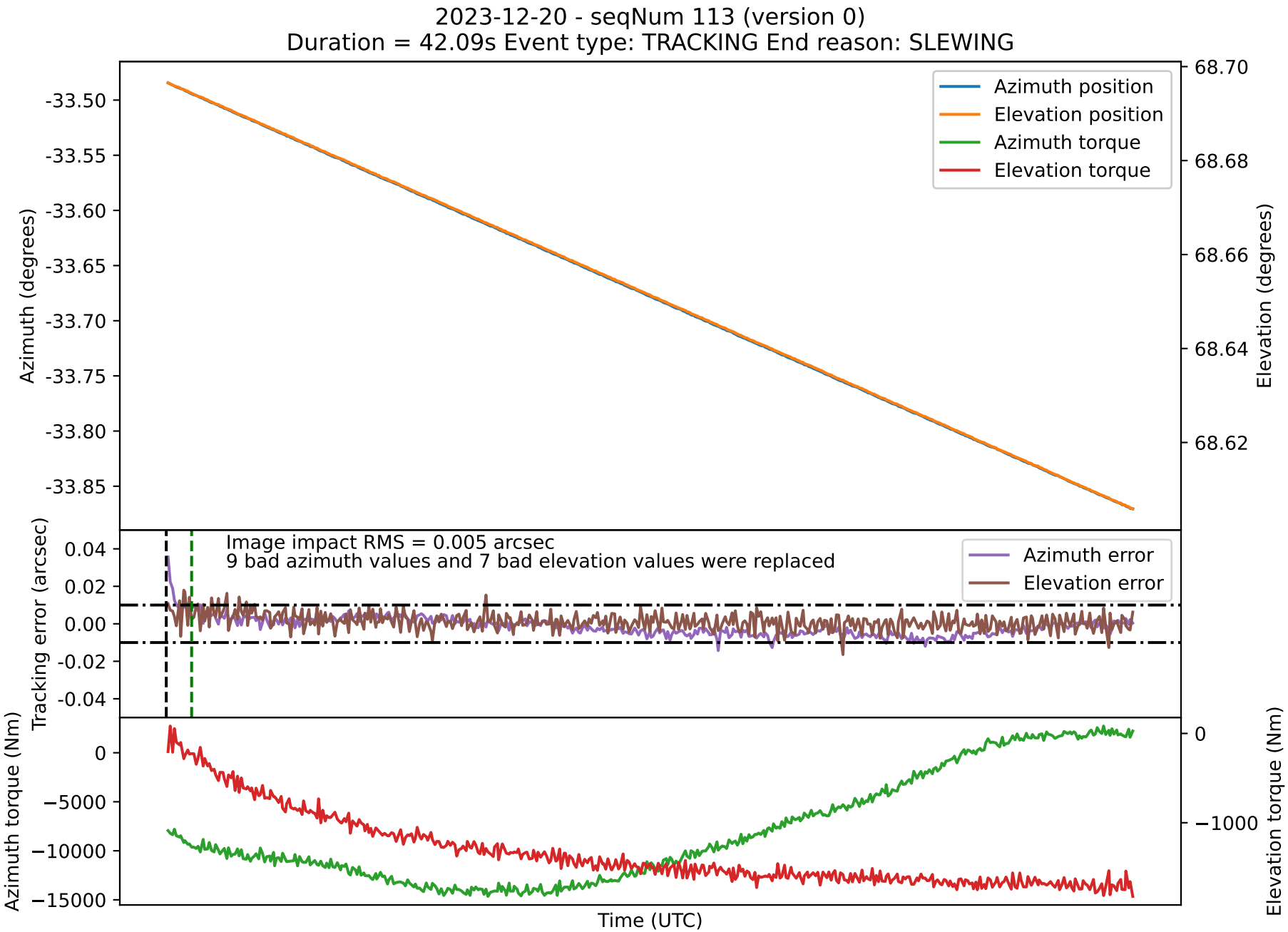

2023-12-20 - seqNum 103 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-45.10
-45.15
-45.20
-45.25
-45.30
-45.35
-45.40
68.84
68.82
68.80
68.78
68.76
68.74
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−2400
−2600
−2800
−3000
Time (UTC)

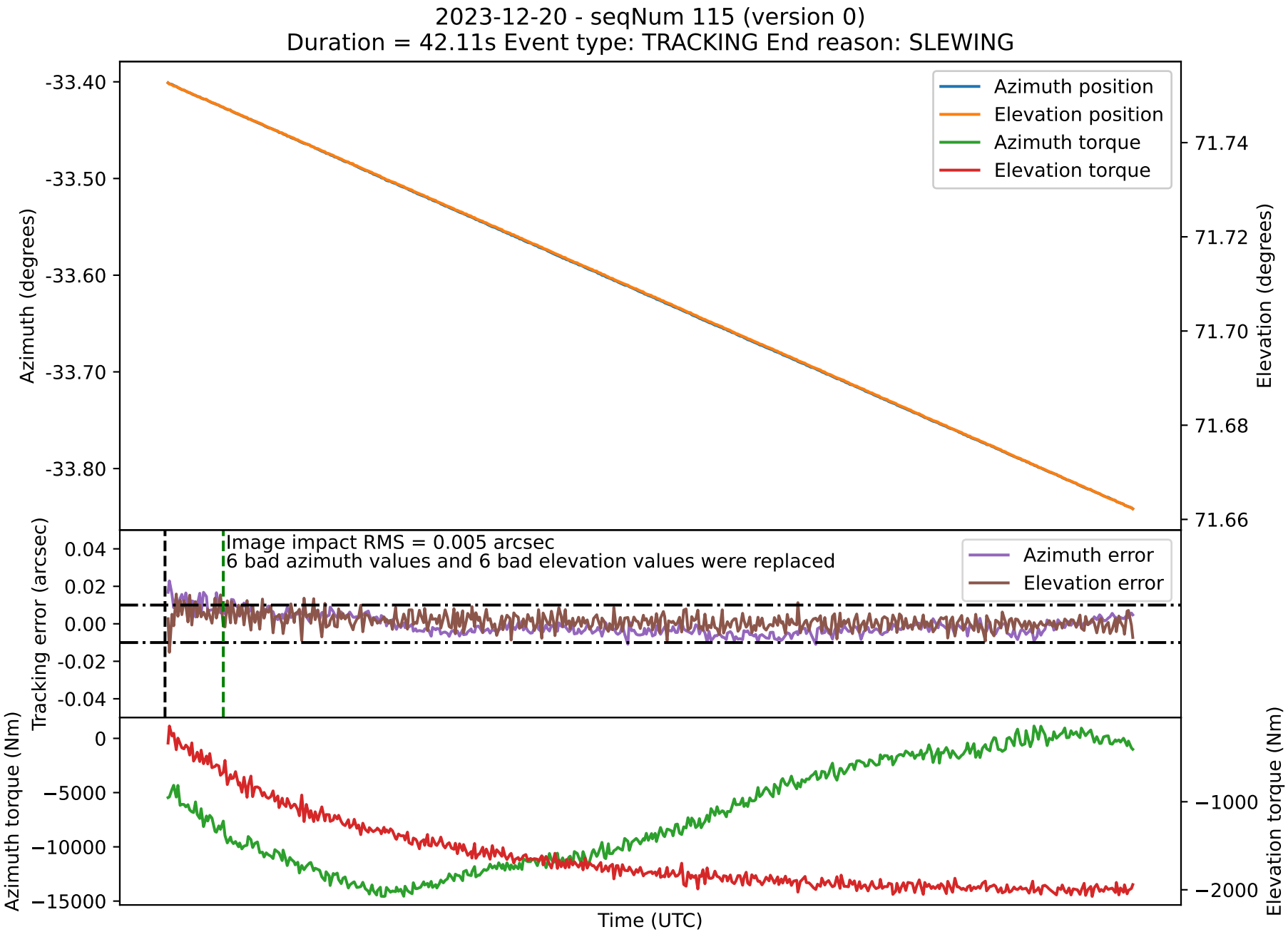

2023-12-20 - seqNum 105 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-44.70
-44.75
-44.80
-44.85
-44.90
-44.95
65.56
65.54
65.52
65.50
65.48
65.46
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−2000
−2200
−2400
−2600
Time (UTC)

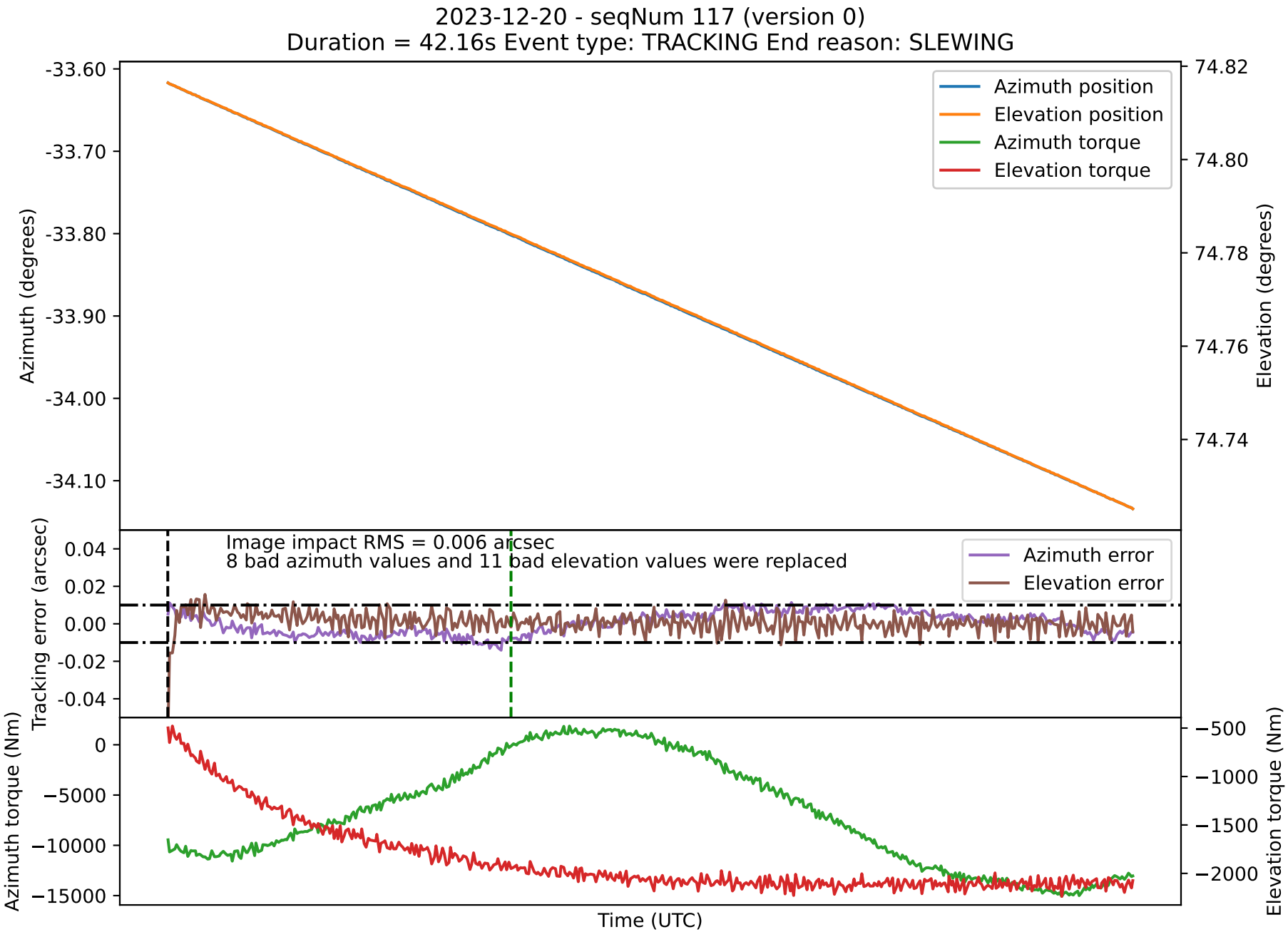

2023-12-20 - seqNum 107 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-39.10
-39.15
-39.20
-39.25
-39.30
-39.35
-39.40
64.18
64.16
64.14
64.12
64.10
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2000
−2200
−2400
Time (UTC)

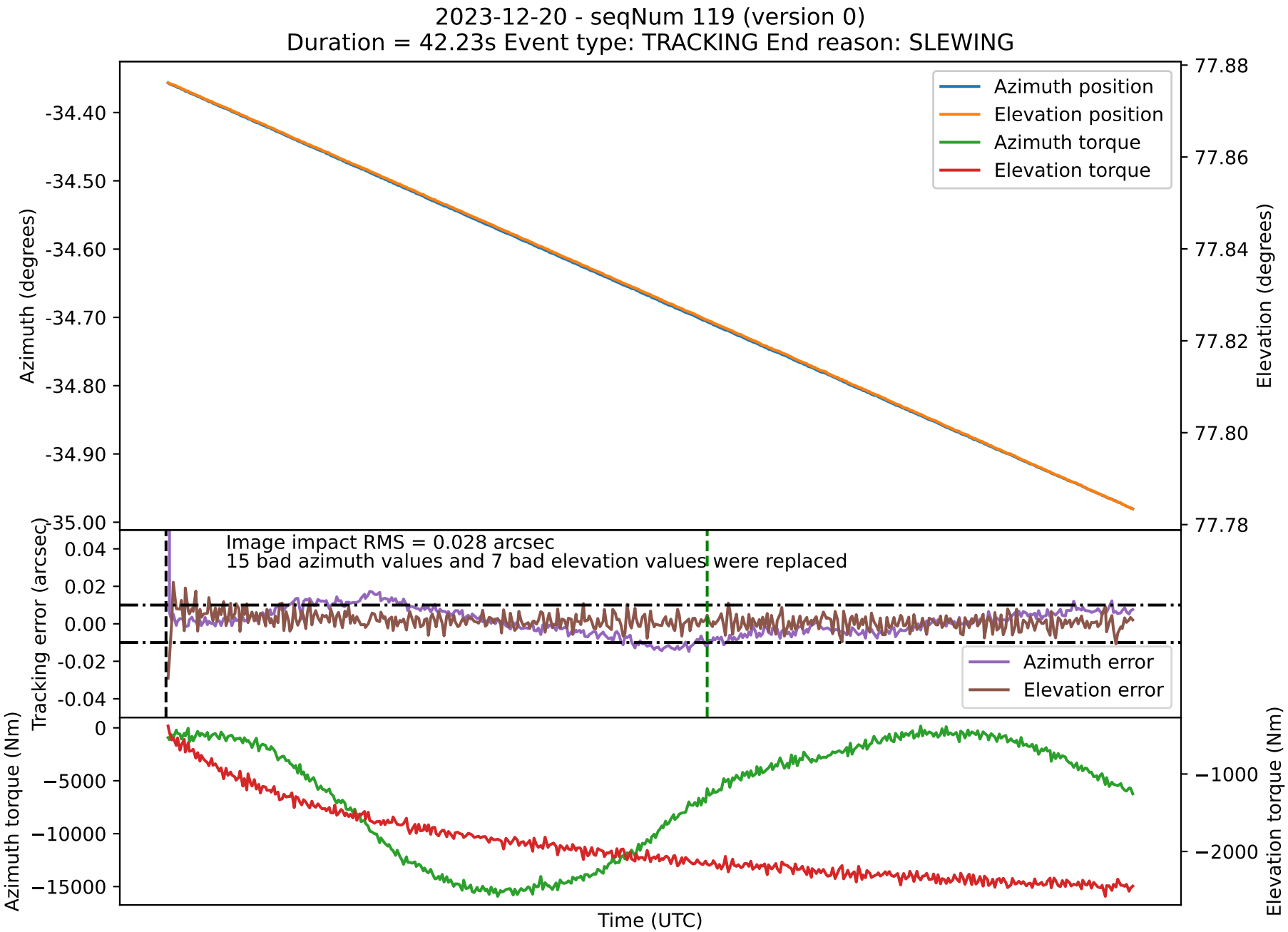

2023-12-20 - seqNum 109 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-33.35
-33.40
-33.45
-33.50
-33.55
-33.60
-33.65
-33.70
65.74
65.72
65.70
65.68
Image impact RMS = 0.006 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−2000
Time (UTC)

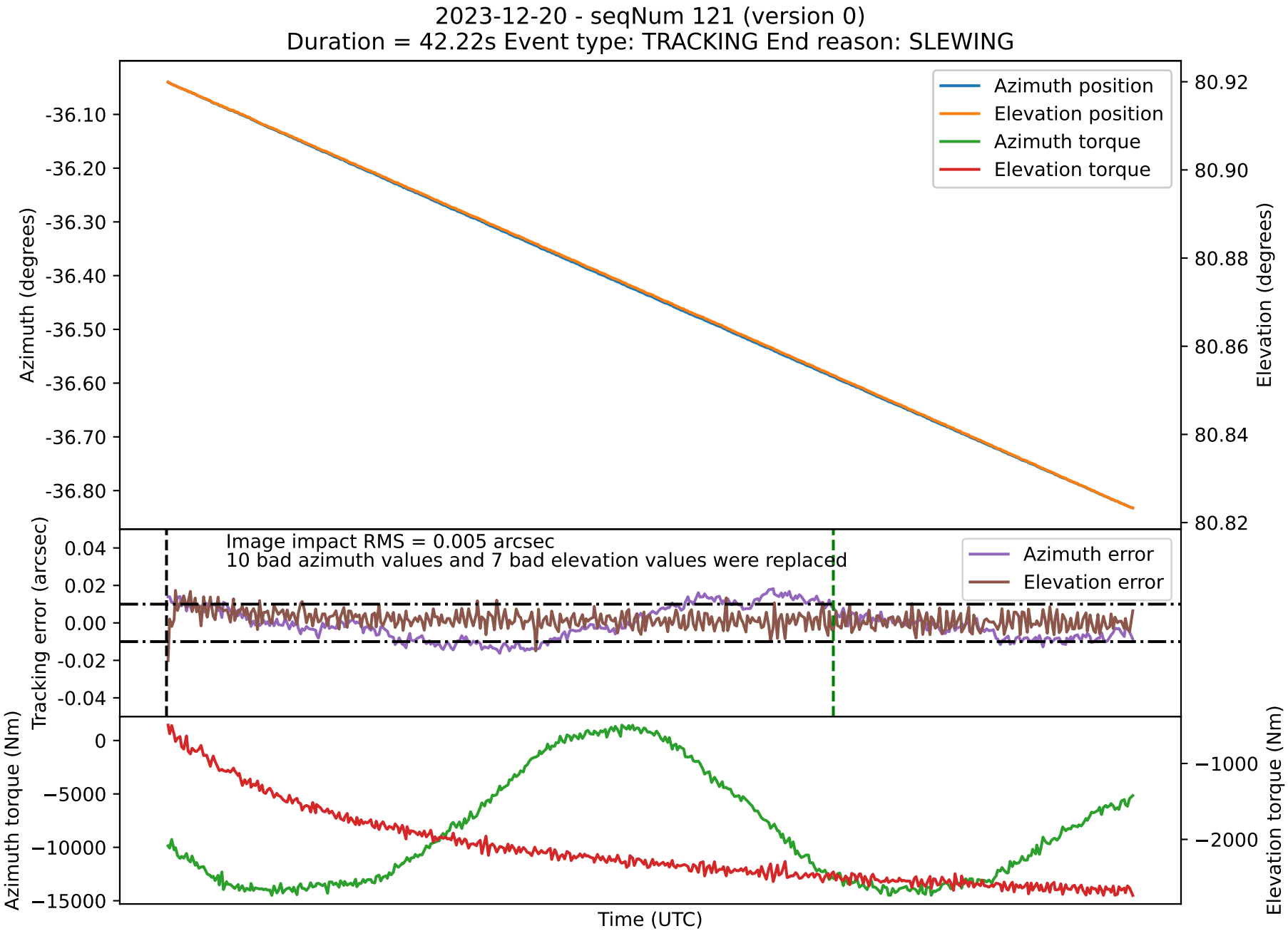

2023-12-20 - seqNum 111 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-26.95
-27.00
-27.05
-27.10
-27.15
-27.20
-27.25
-27.30
-27.35
67.07
67.06
67.05
67.04
67.03
67.02
67.01
67.00
66.99
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−1000
Time (UTC)

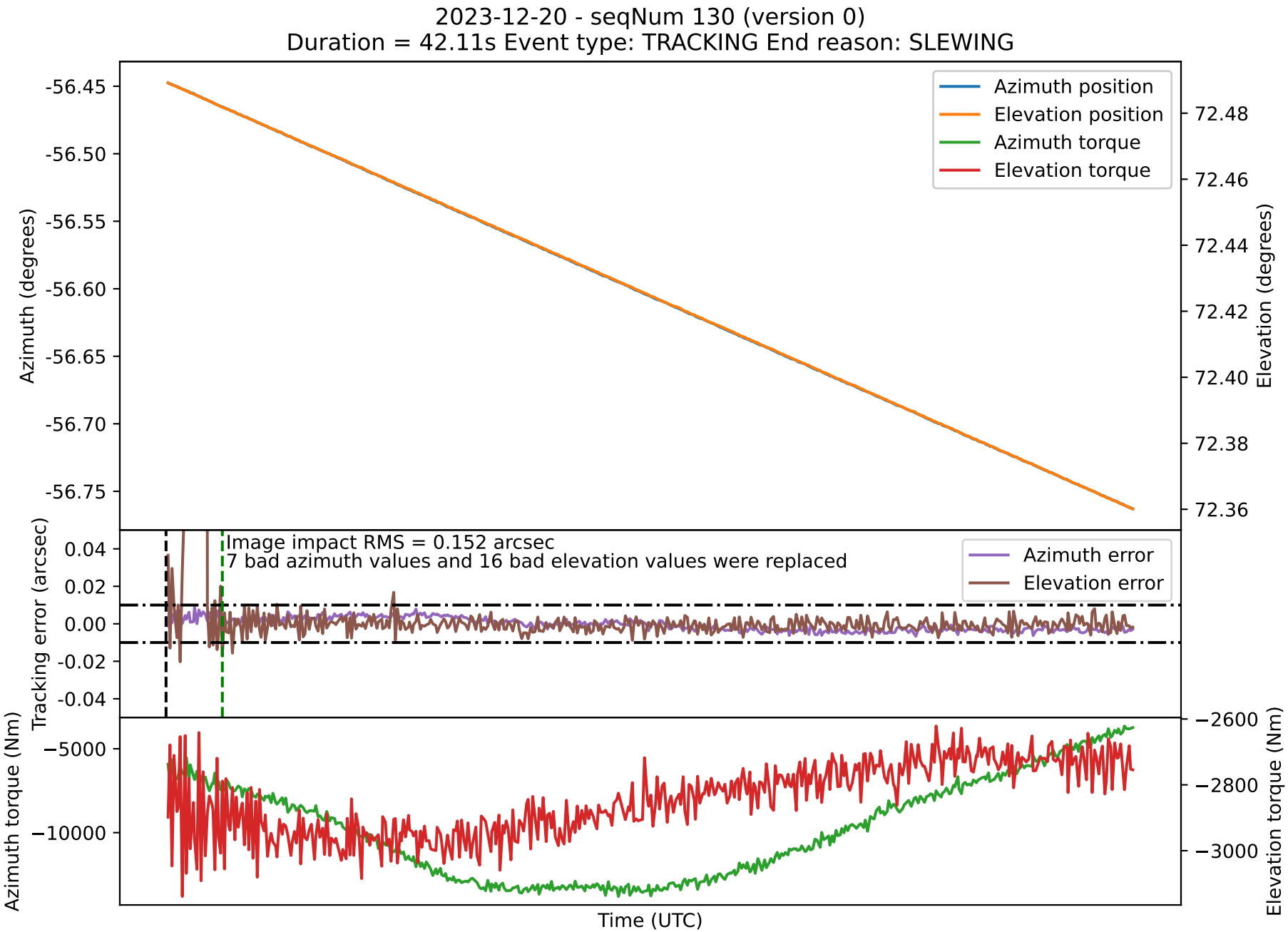

2023-12-20 - seqNum 113 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-33.50
-33.55
-33.60
-33.65
-33.70
-33.75
-33.80
-33.85
68.70
68.68
68.66
68.64
68.62
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
0
−1000
Time (UTC)

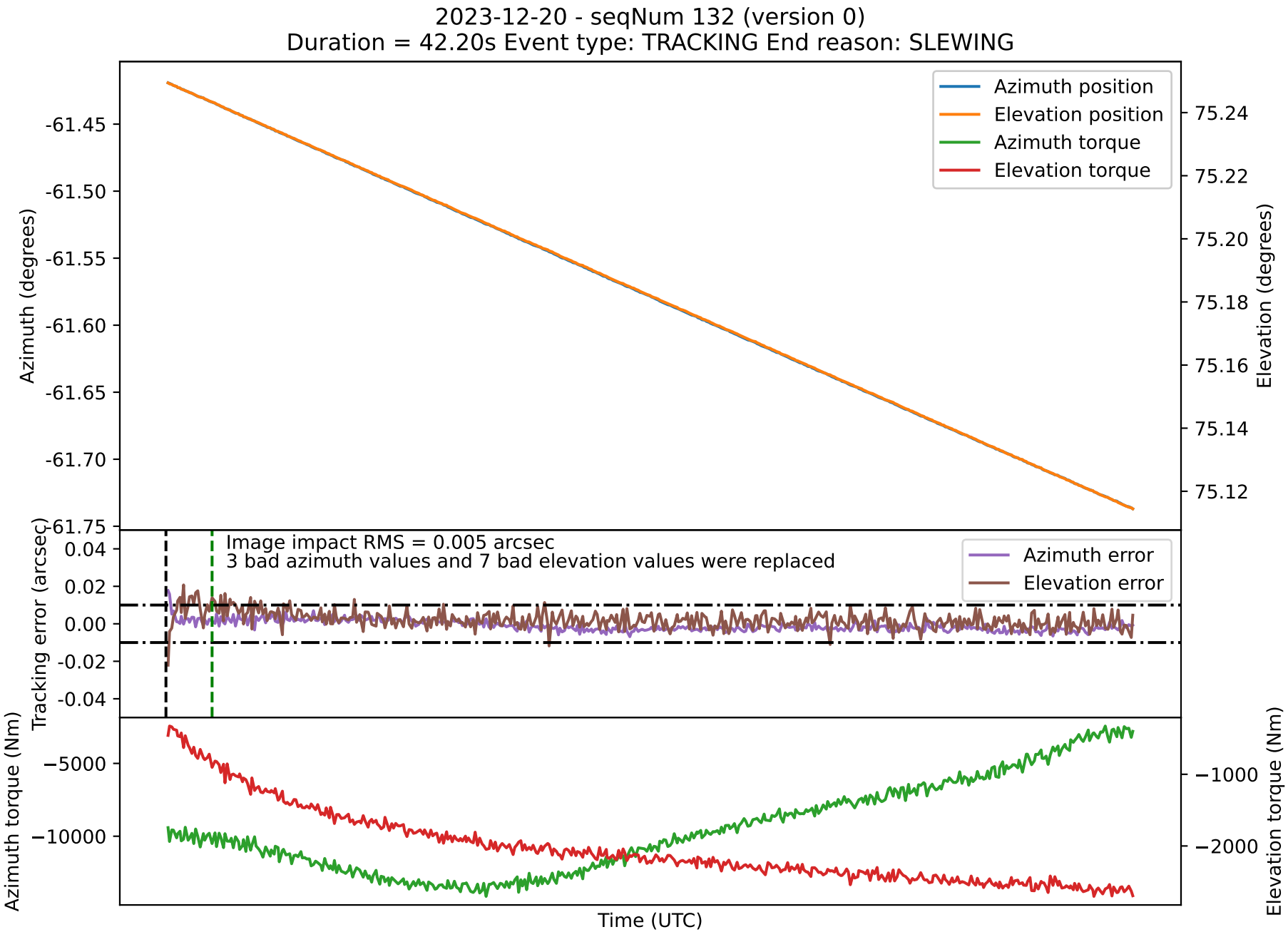

2023-12-20 - seqNum 115 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-33.40
-33.50
-33.60
-33.70
-33.80
71.74
71.72
71.70
71.68
71.66
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

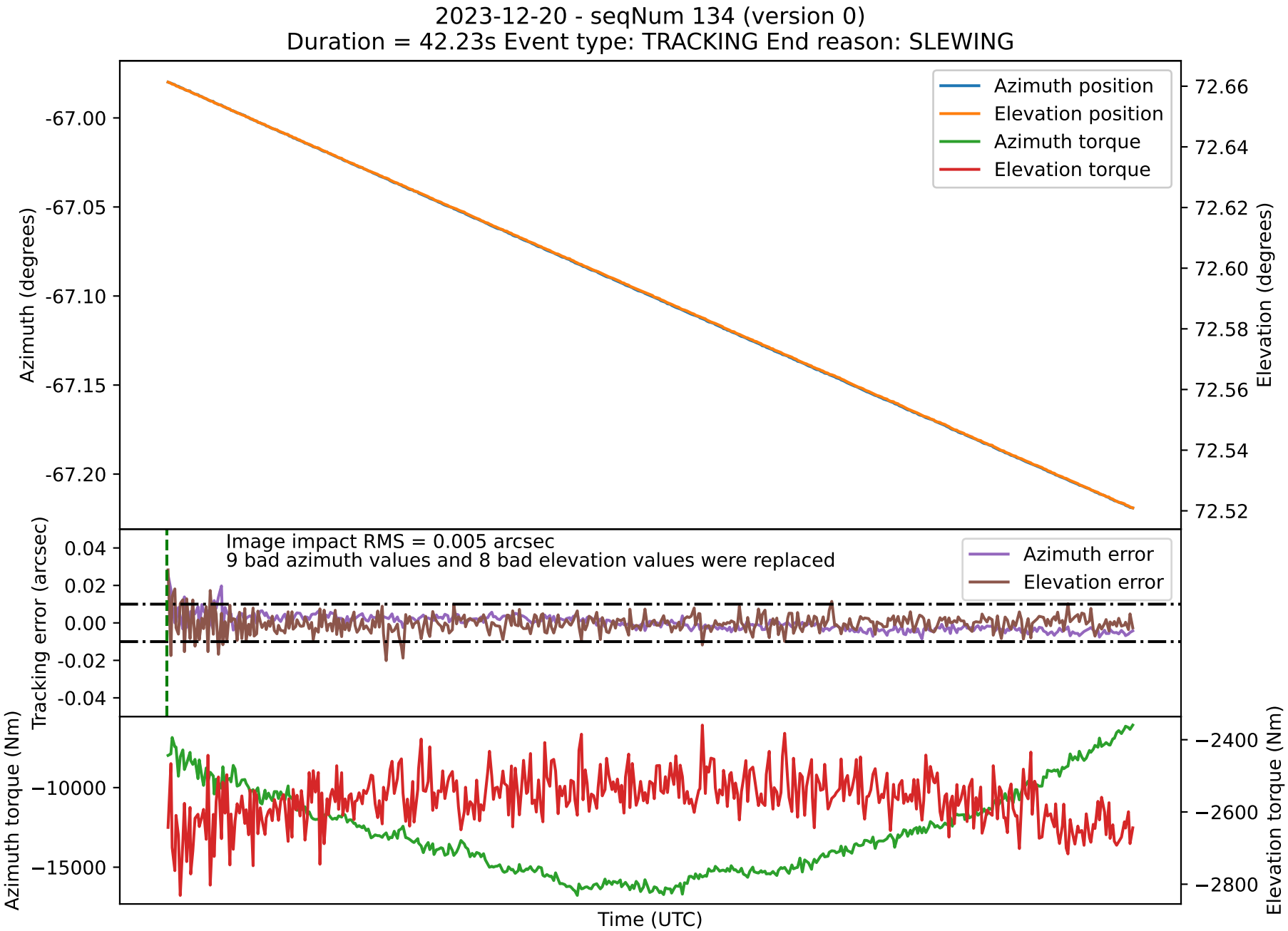

2023-12-20 - seqNum 117 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-33.60
-33.70
-33.80
-33.90
-34.00
-34.10
74.82
74.80
74.78
74.76
74.74
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−500
−1000
−1500
−2000
Time (UTC)

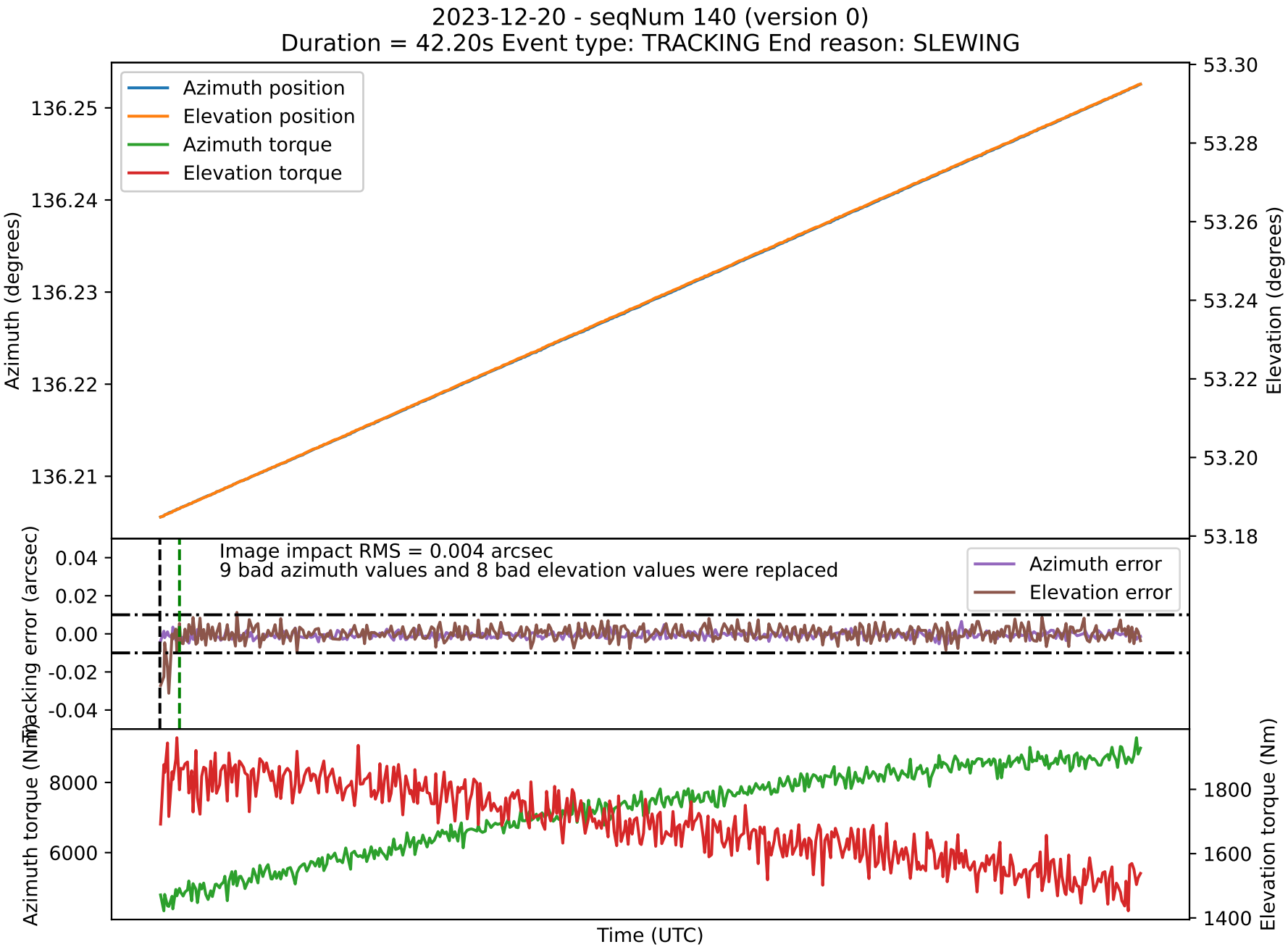

2023-12-20 - seqNum 119 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-34.40
-34.50
-34.60
-34.70
-34.80
-34.90
-35.00
77.88
77.86
77.84
77.82
77.80
77.78
Image impact RMS = 0.028 arcsec
15 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

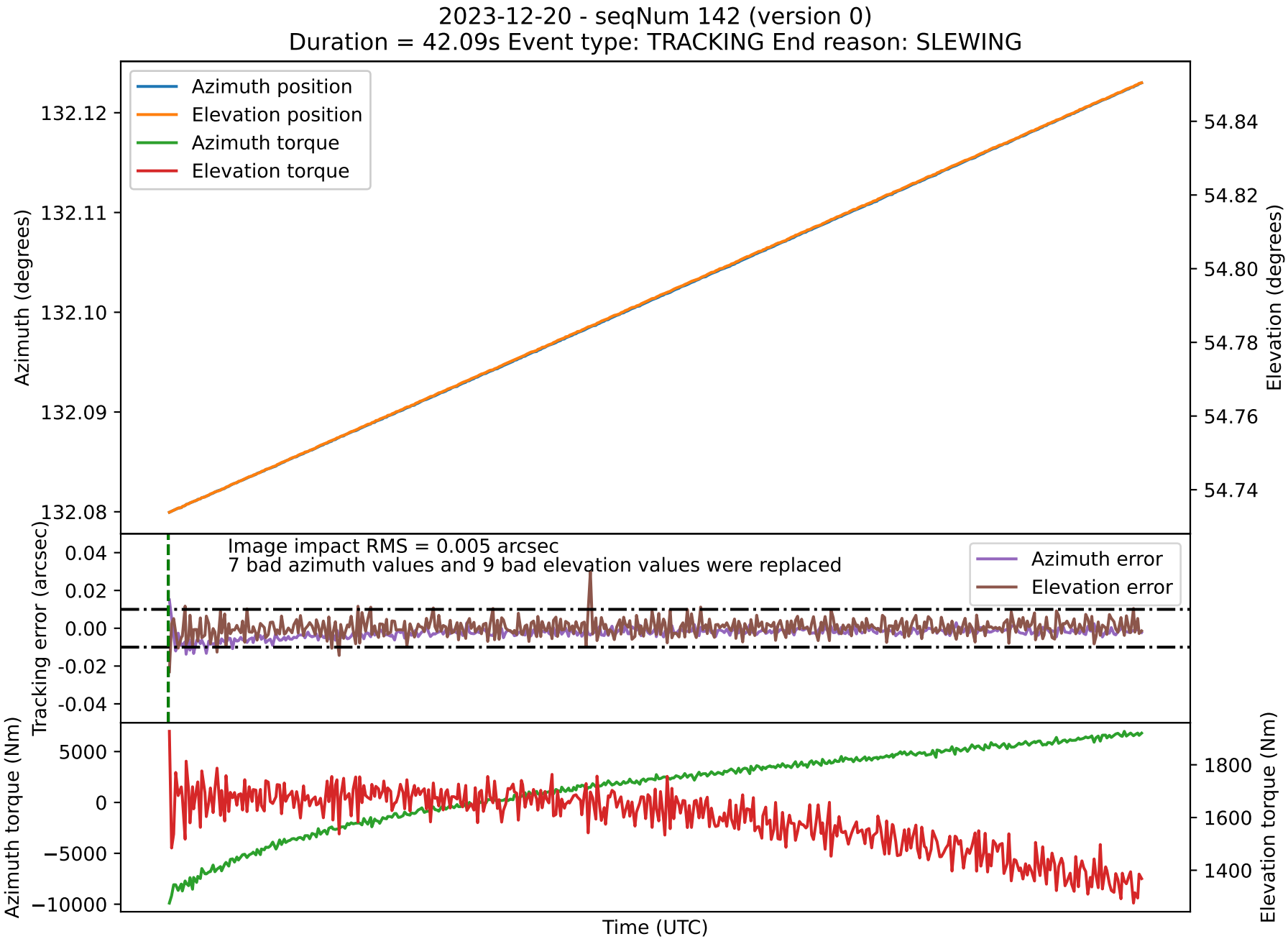

2023-12-20 - seqNum 121 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-36.10
-36.20
-36.30
-36.40
-36.50
-36.60
-36.70
-36.80
80.92
80.90
80.88
80.86
80.84
80.82
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

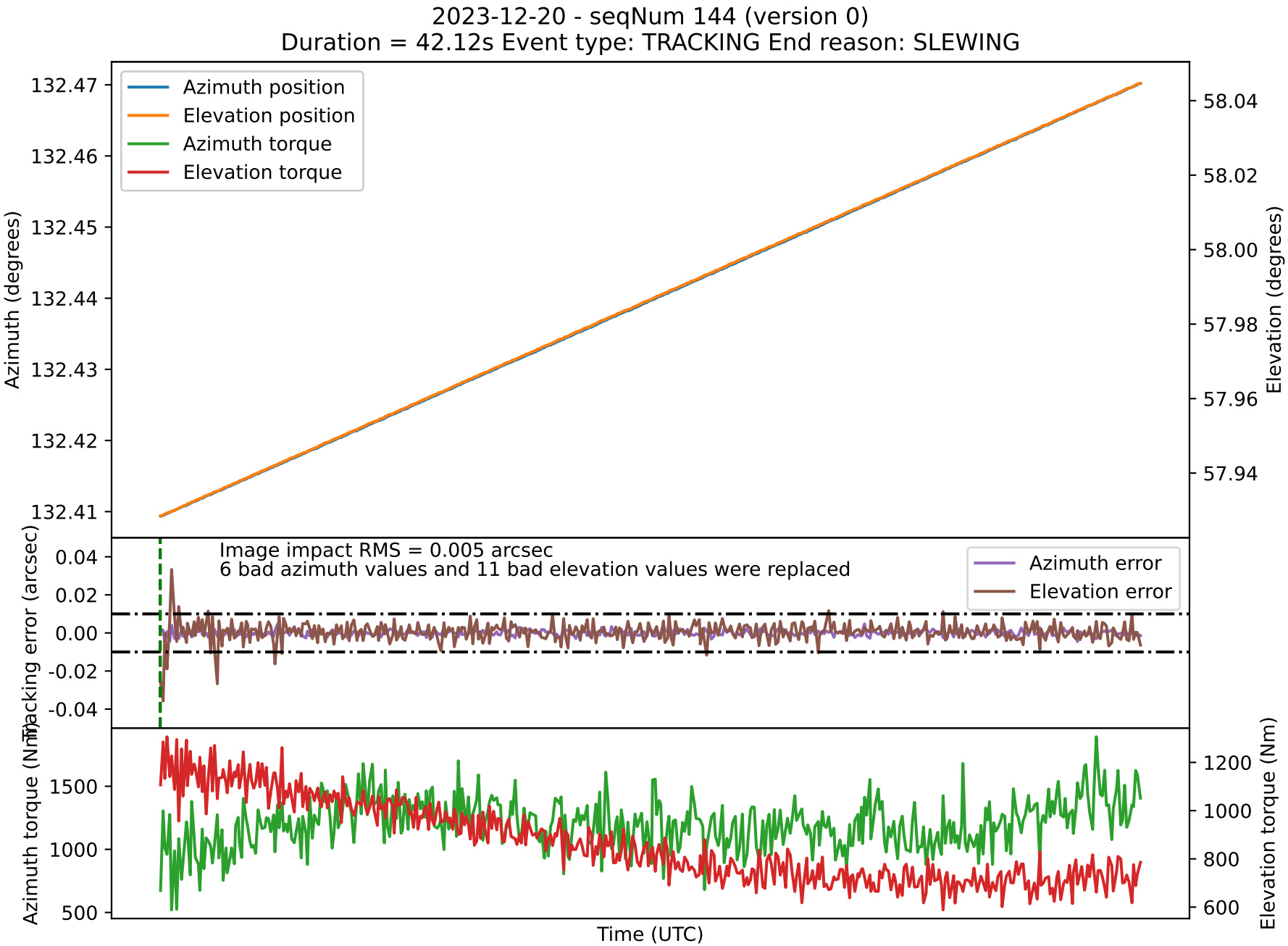

2023-12-20 - seqNum 130 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-56.45
-56.50
-56.55
-56.60
-56.65
-56.70
-56.75
72.48
72.46
72.44
72.42
72.40
72.38
72.36
Image impact RMS = 0.152 arcsec
7 bad azimuth values and 16 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−2600
−2800
−3000
Time (UTC)

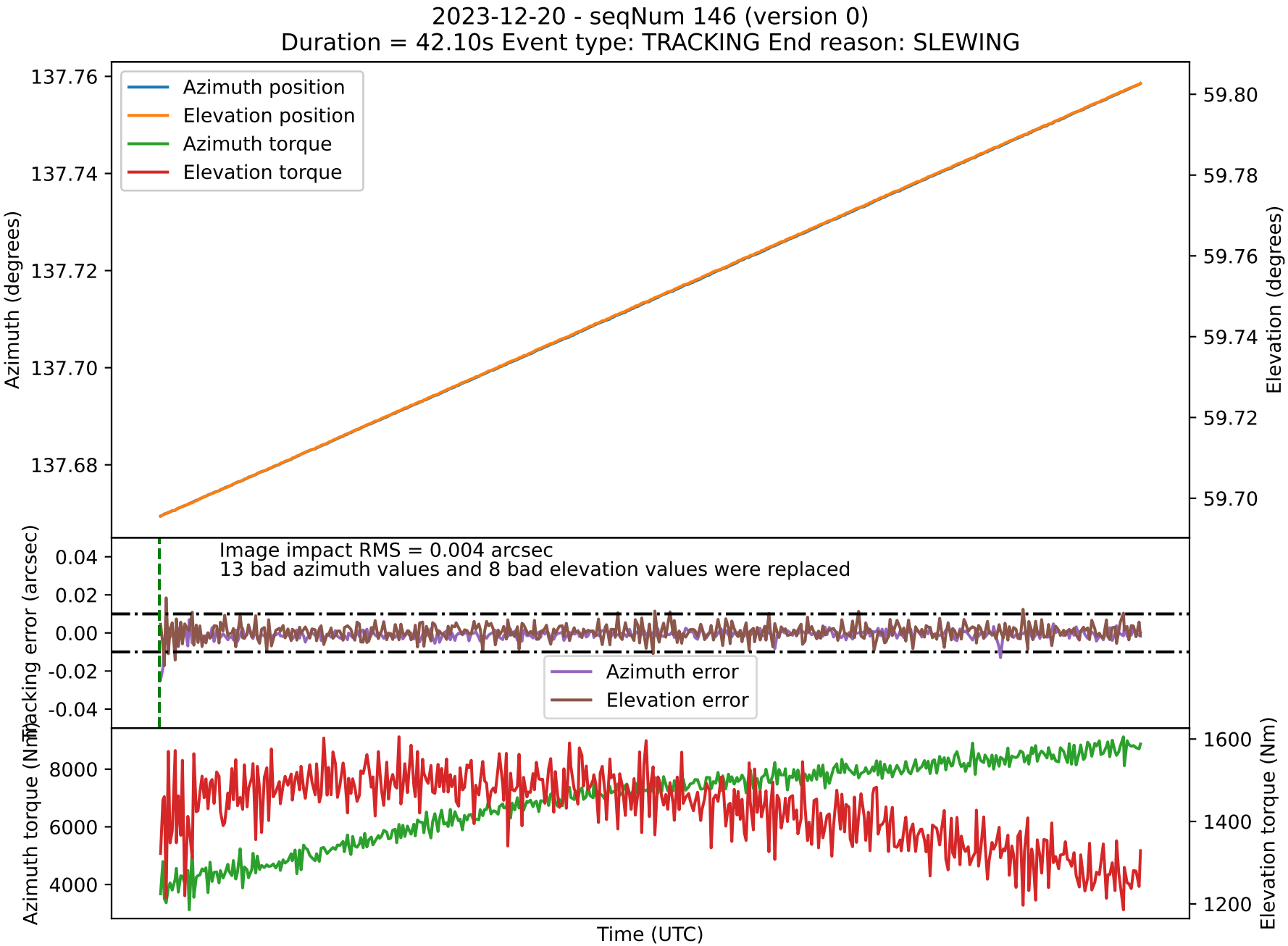

2023-12-20 - seqNum 132 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-61.45
-61.50
-61.55
-61.60
-61.65
-61.70
-61.75
75.24
75.22
75.20
75.18
75.16
75.14
75.12
Image impact RMS = 0.005 arcsec
3 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1000
−2000
Time (UTC)

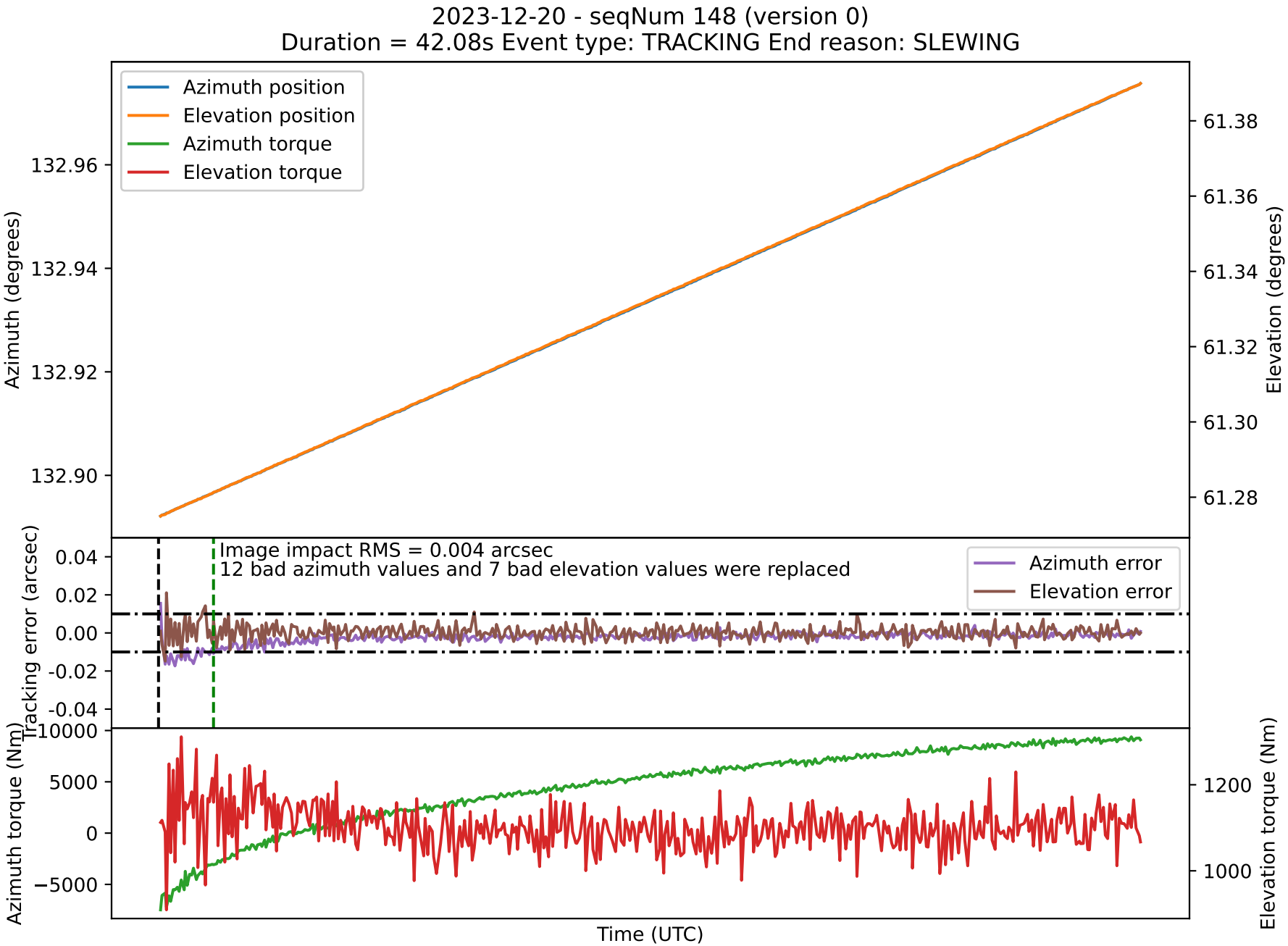

2023-12-20 - seqNum 134 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-67.00
-67.05
-67.10
-67.15
-67.20
72.66
72.64
72.62
72.60
72.58
72.56
72.54
72.52
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
−2400
−2600
−2800
Time (UTC)

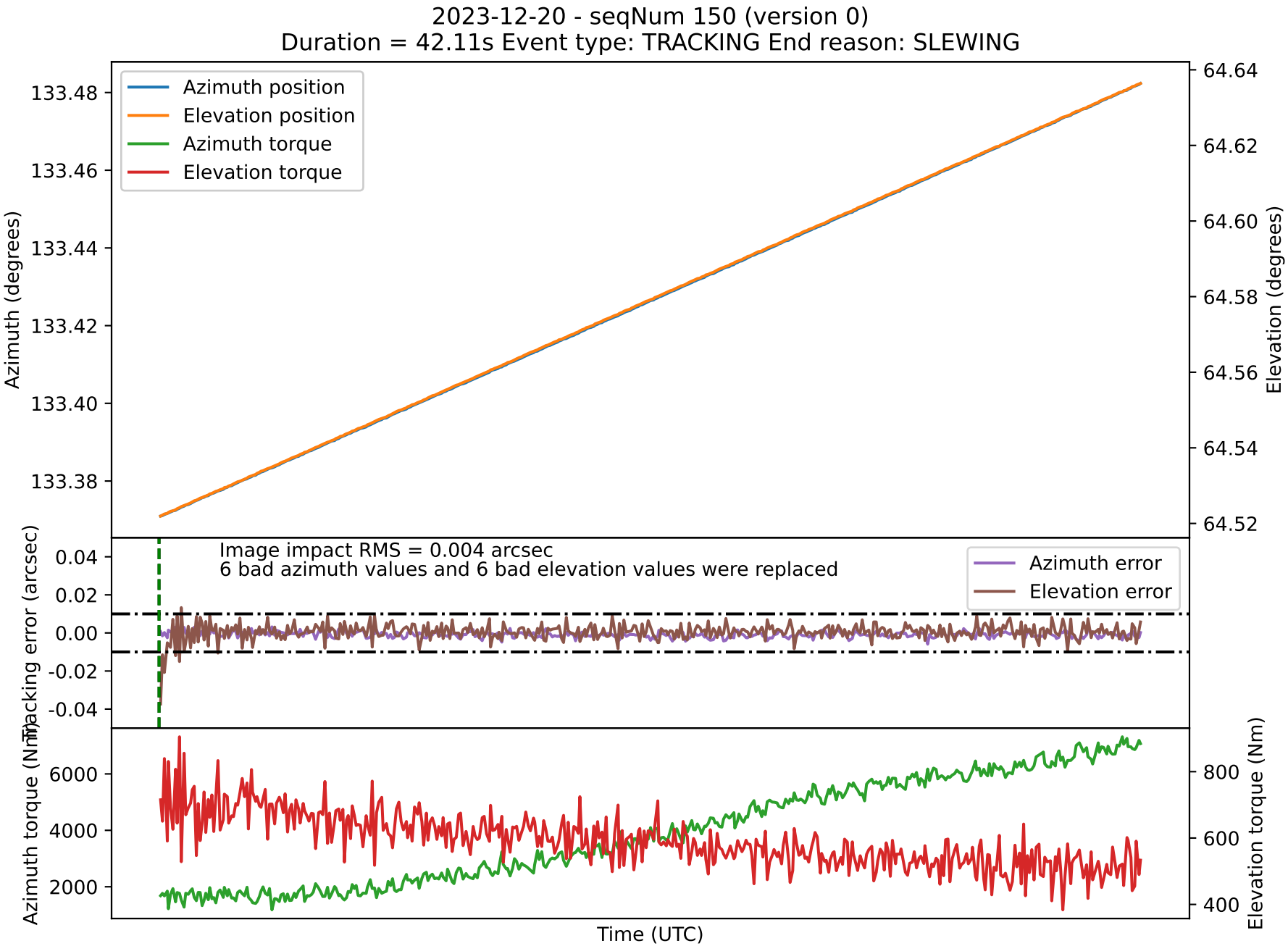

2023-12-20 - seqNum 140 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
136.25
136.24
136.23
136.22
136.21
53.30
53.28
53.26
53.24
53.22
53.20
53.18
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
1800
1600
1400
Time (UTC)

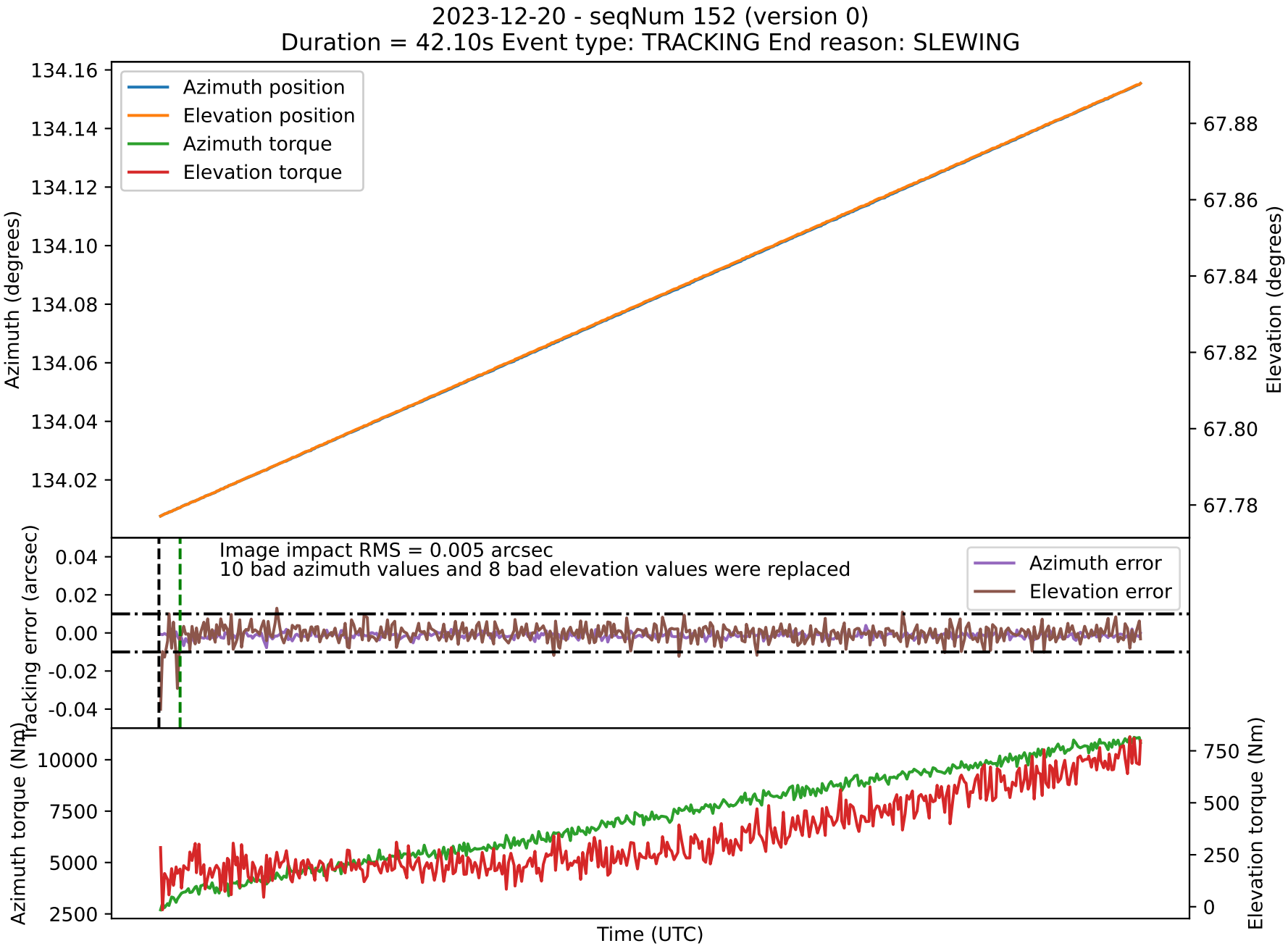

2023-12-20 - seqNum 142 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
132.12
132.11
132.10
132.09
132.08
54.84
54.82
54.80
54.78
54.76
54.74
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−10000
1800
1600
1400
Time (UTC)

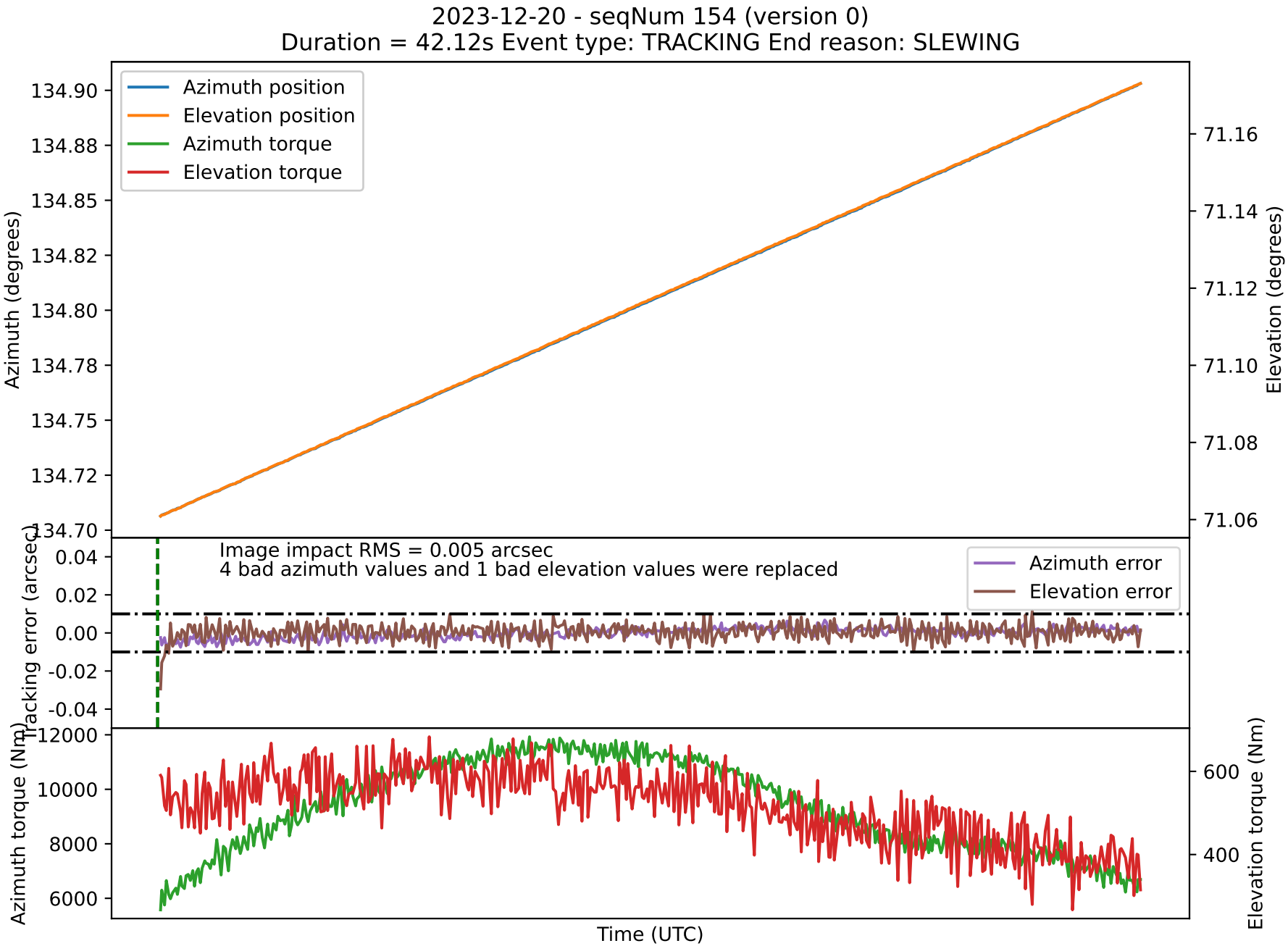

2023-12-20 - seqNum 144 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
132.47
132.46
132.45
132.44
132.43
132.42
132.41
58.04
58.02
58.00
57.98
57.96
57.94
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
1500
1000
500
1200
1000
800
600
Time (UTC)

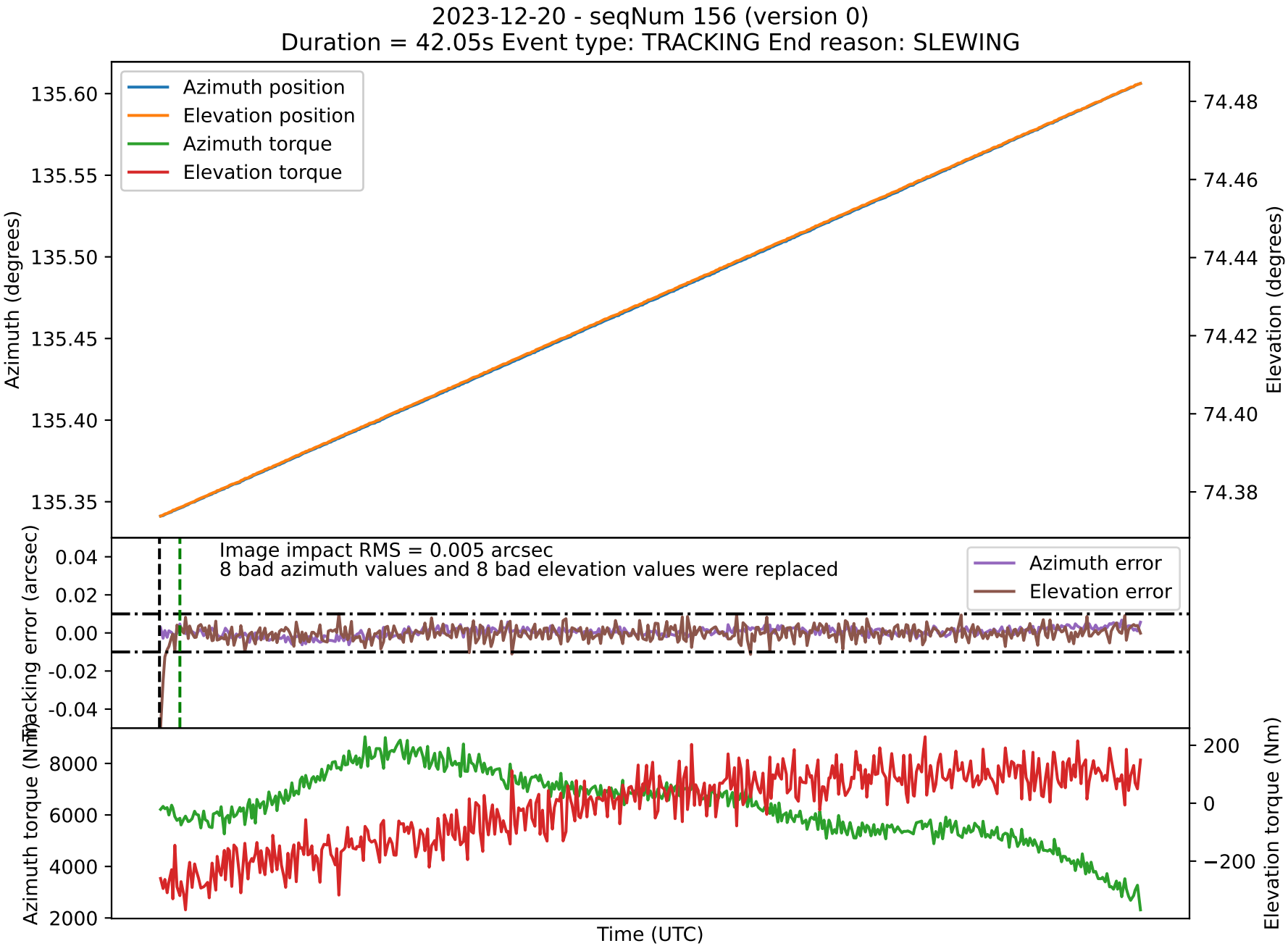

2023-12-20 - seqNum 146 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
137.76
137.74
137.72
137.70
137.68
59.80
59.78
59.76
59.74
59.72
59.70
Image impact RMS = 0.004 arcsec
13 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
1600
1400
1200
Time (UTC)

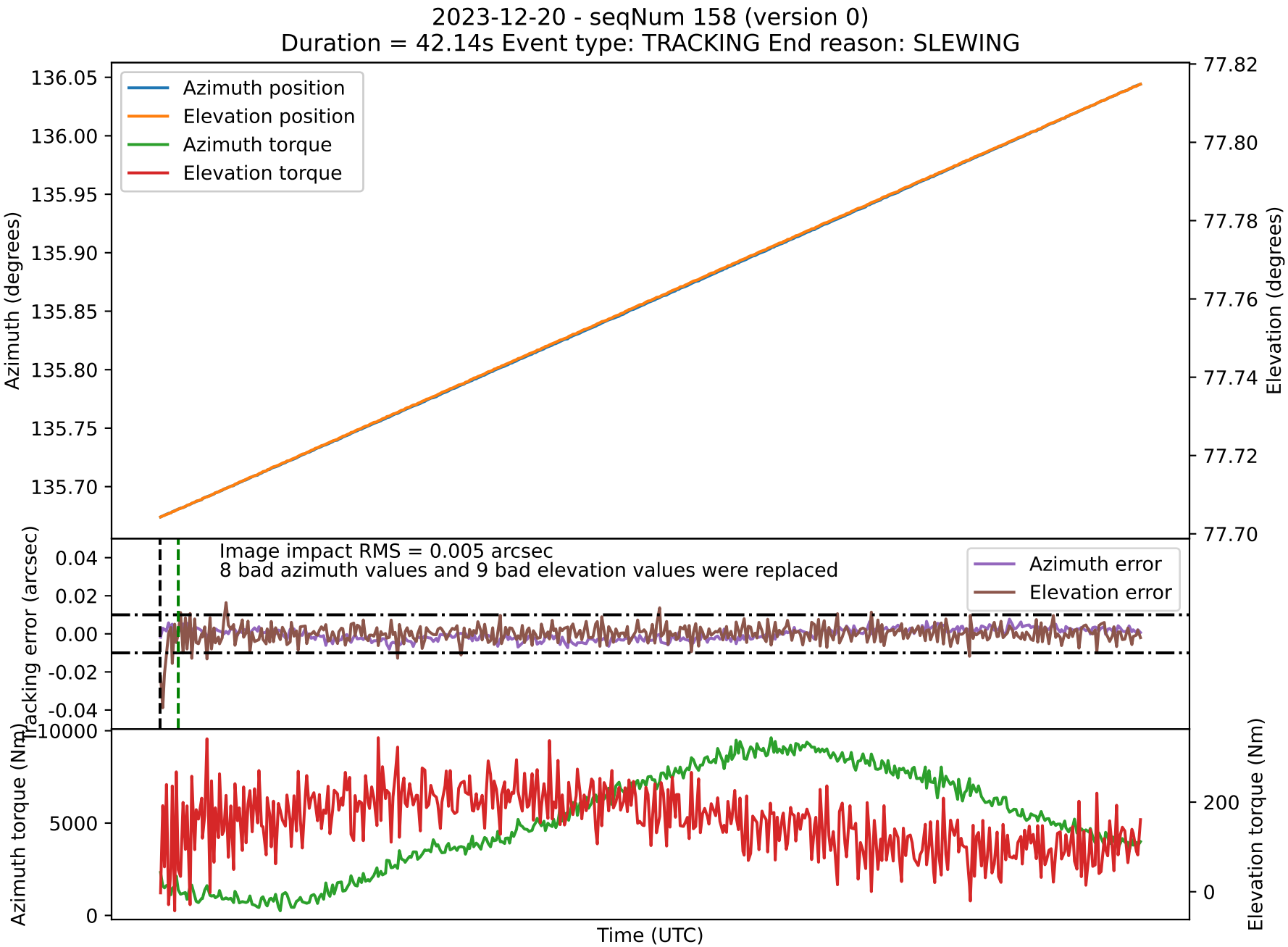

2023-12-20 - seqNum 148 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
132.96
132.94
132.92
132.90
61.38
61.36
61.34
61.32
61.30
61.28
Image impact RMS = 0.004 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
1200
1000
Time (UTC)

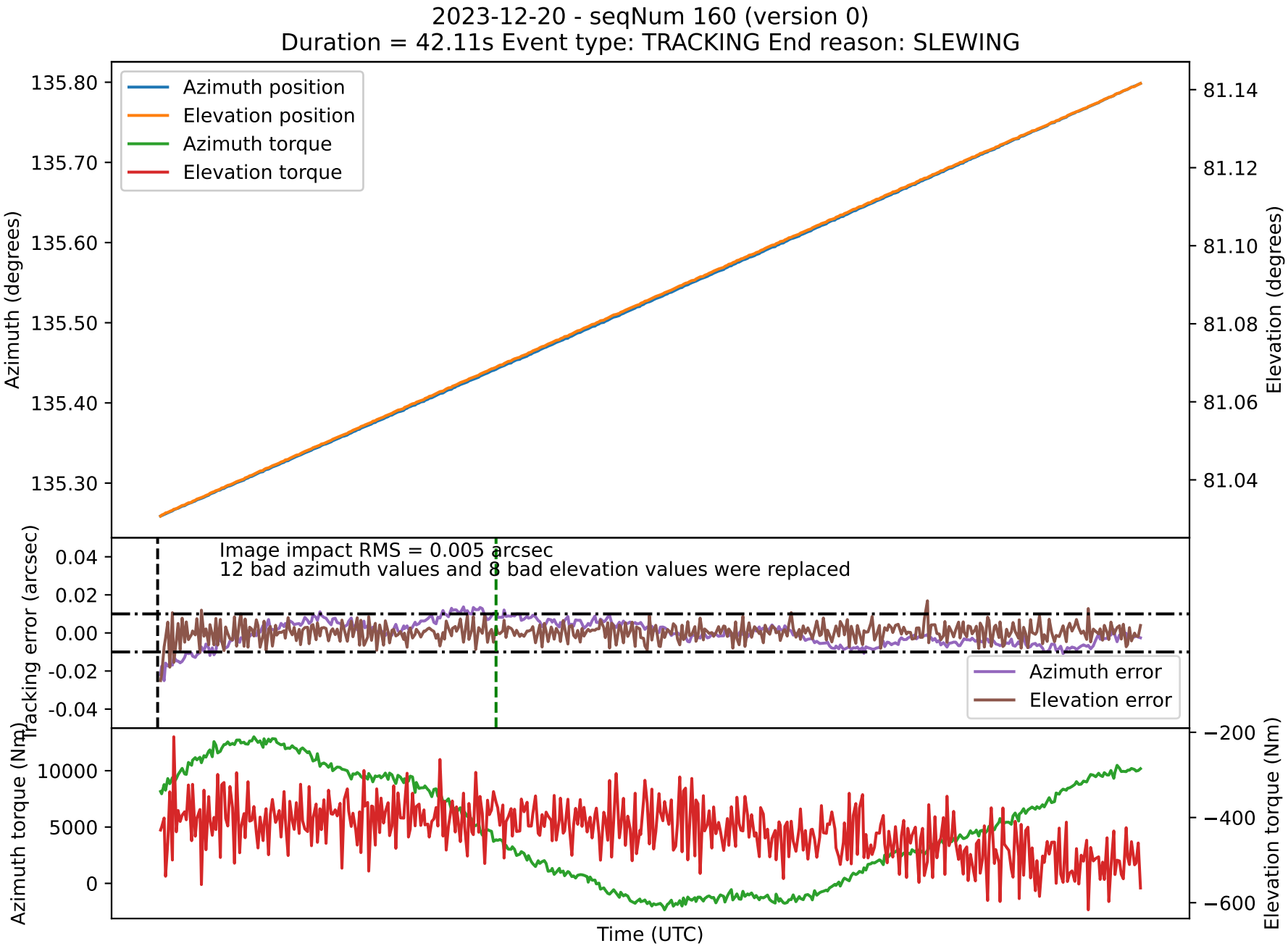

2023-12-20 - seqNum 150 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
133.48
133.46
133.44
133.42
133.40
133.38
64.64
64.62
64.60
64.58
64.56
64.54
64.52
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
6000
4000
2000
800
600
400
Time (UTC)

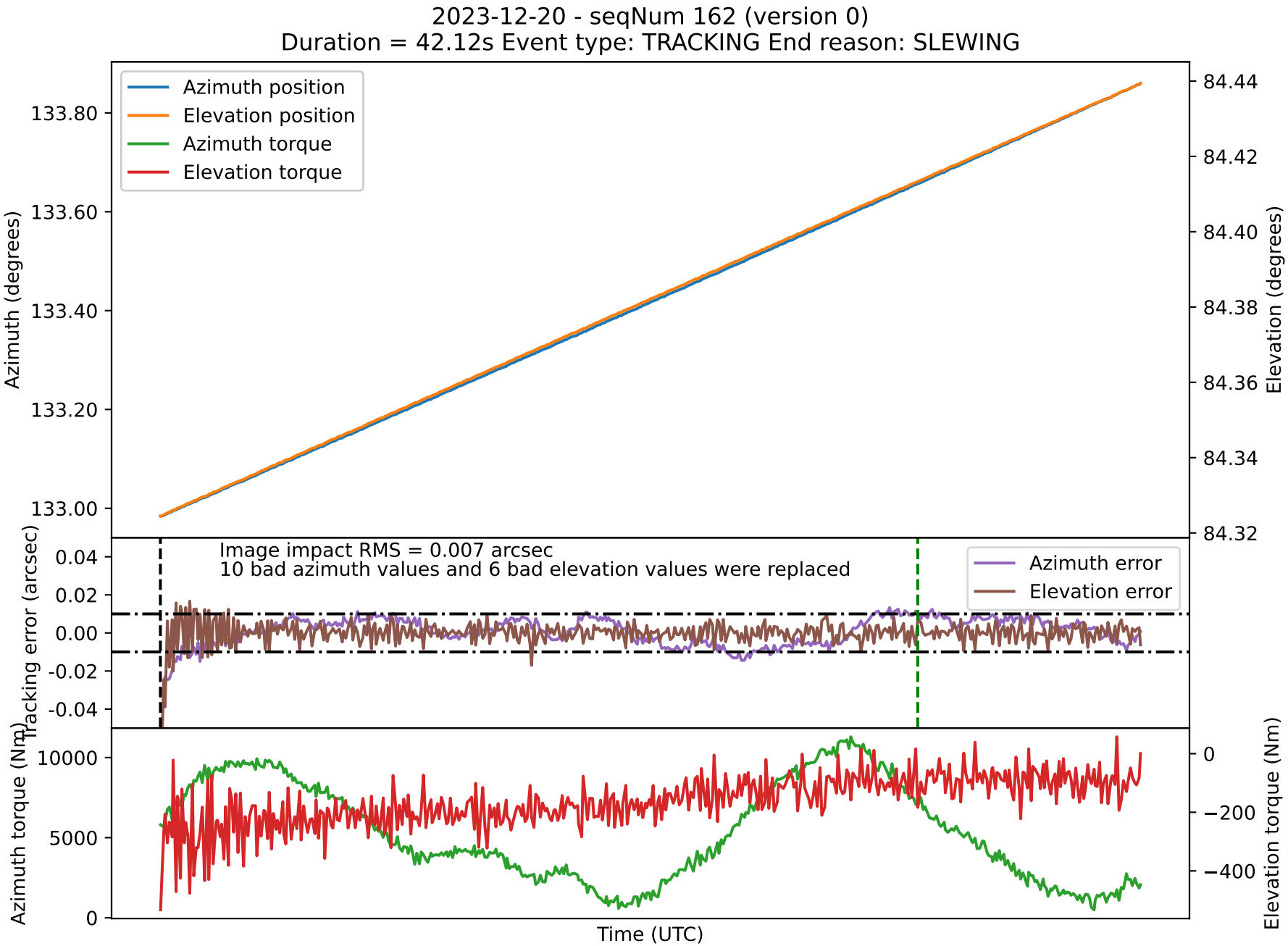

2023-12-20 - seqNum 152 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
134.16
134.14
134.12
134.10
134.08
134.06
134.04
134.02
67.88
67.86
67.84
67.82
67.80
67.78
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
7500
5000
2500
750
500
250
0
Time (UTC)

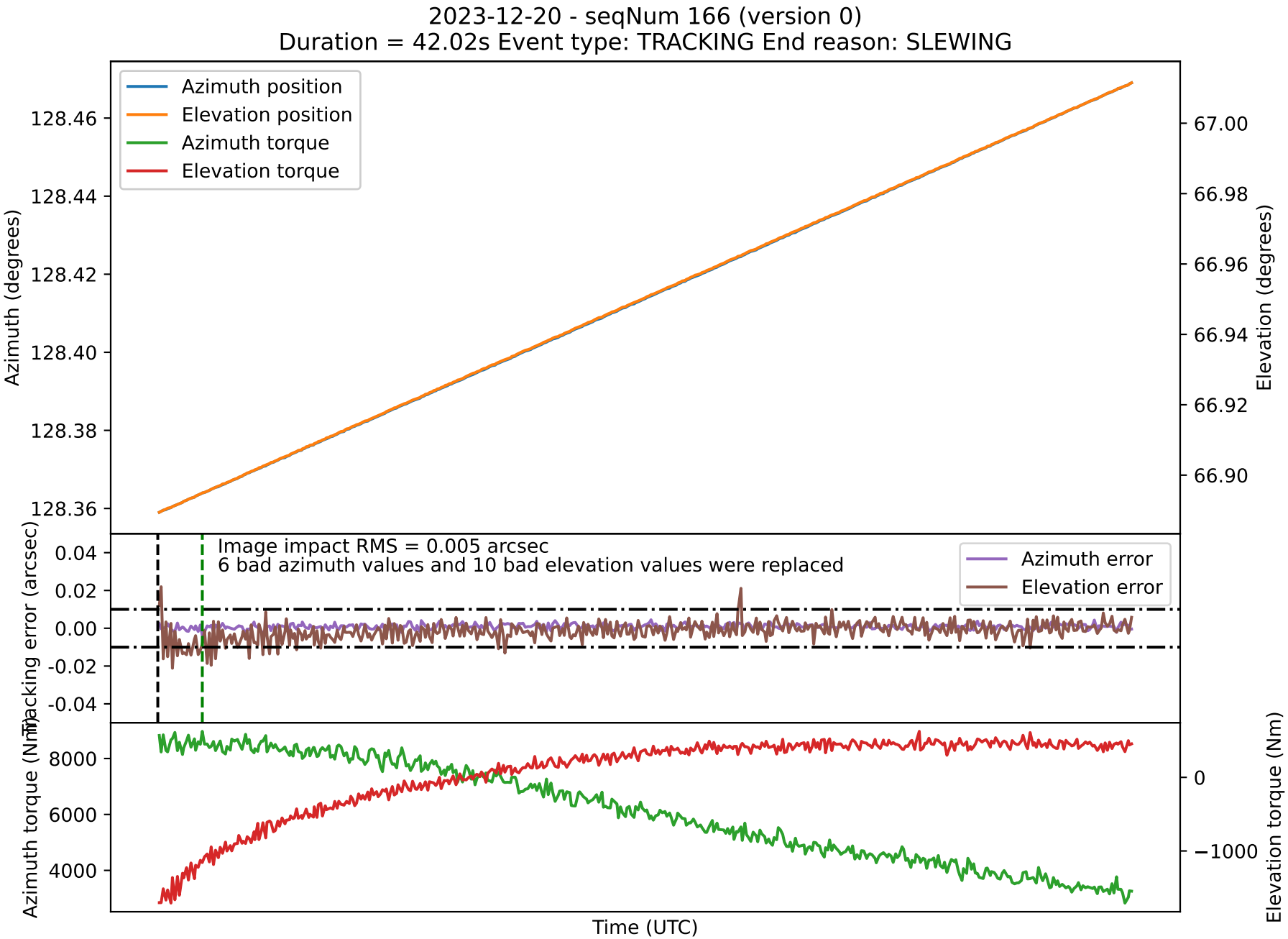

2023-12-20 - seqNum 154 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
134.90
134.88
134.85
134.82
134.80
134.78
134.75
134.72
134.70
71.16
71.14
71.12
71.10
71.08
71.06
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 1 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
8000
6000
600
400
Time (UTC)

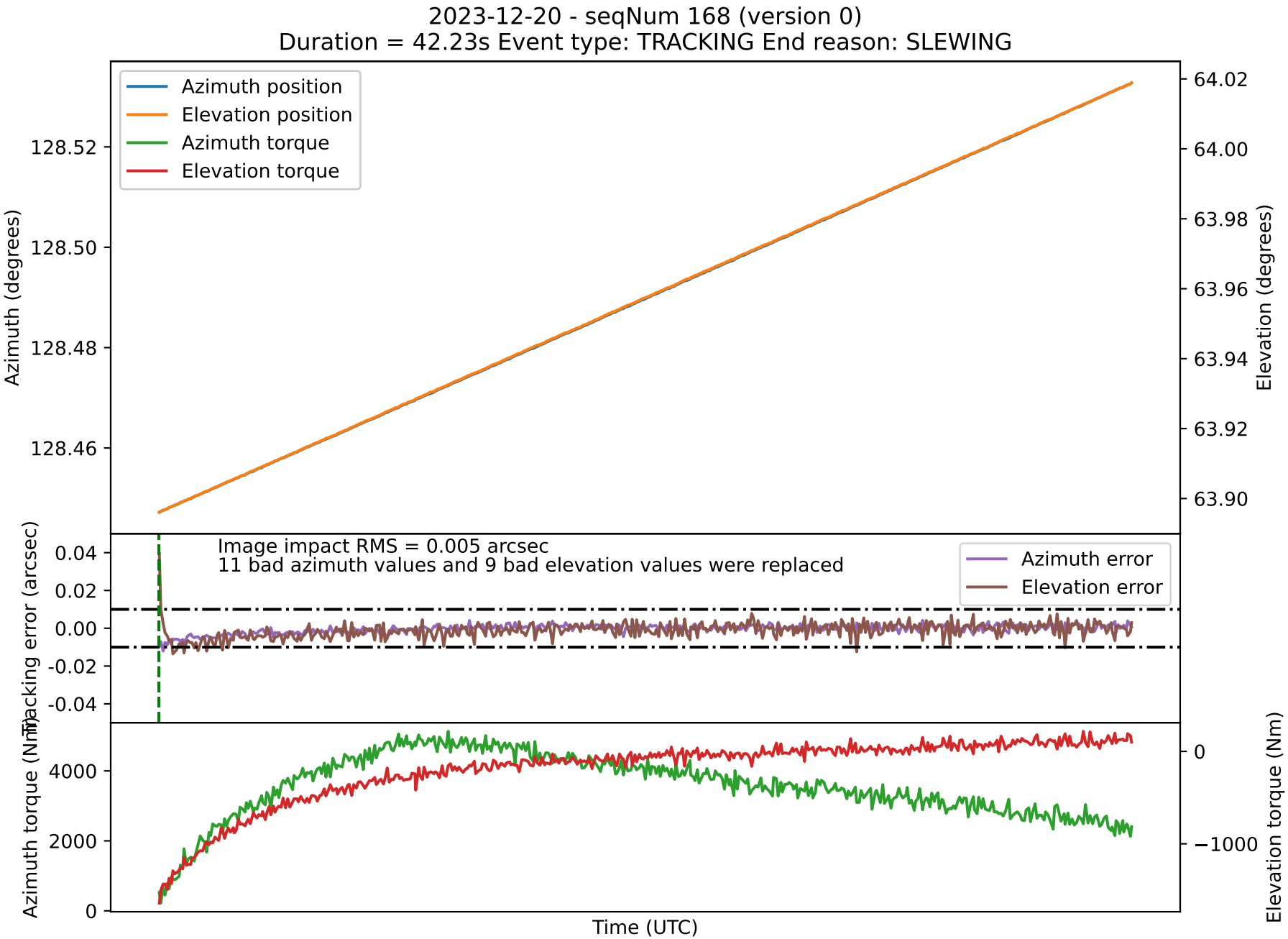

2023-12-20 - seqNum 156 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
135.60
135.55
135.50
135.45
135.40
135.35
74.48
74.46
74.44
74.42
74.40
74.38
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
2000
200
0
−200
Time (UTC)

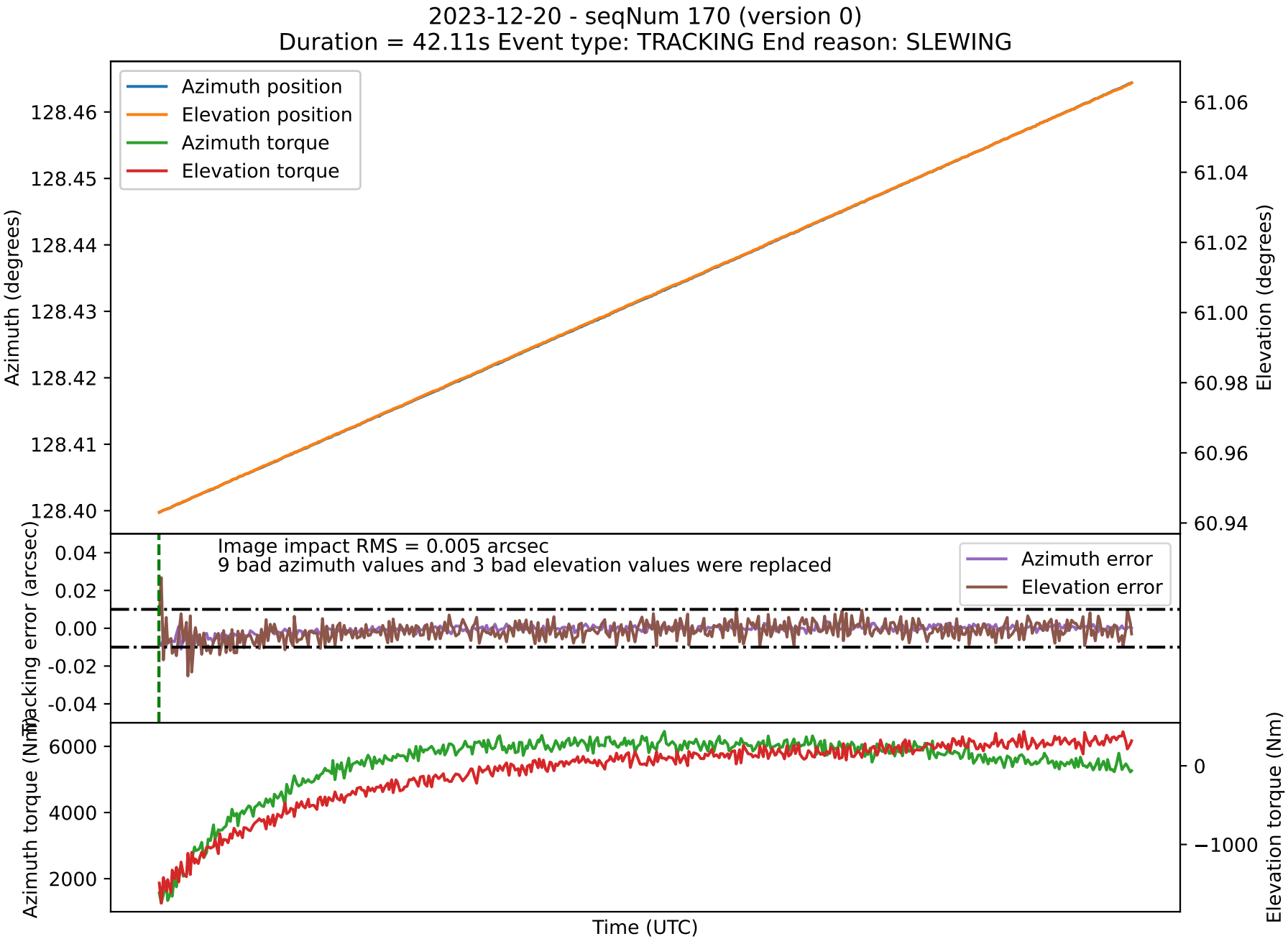

2023-12-20 - seqNum 158 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

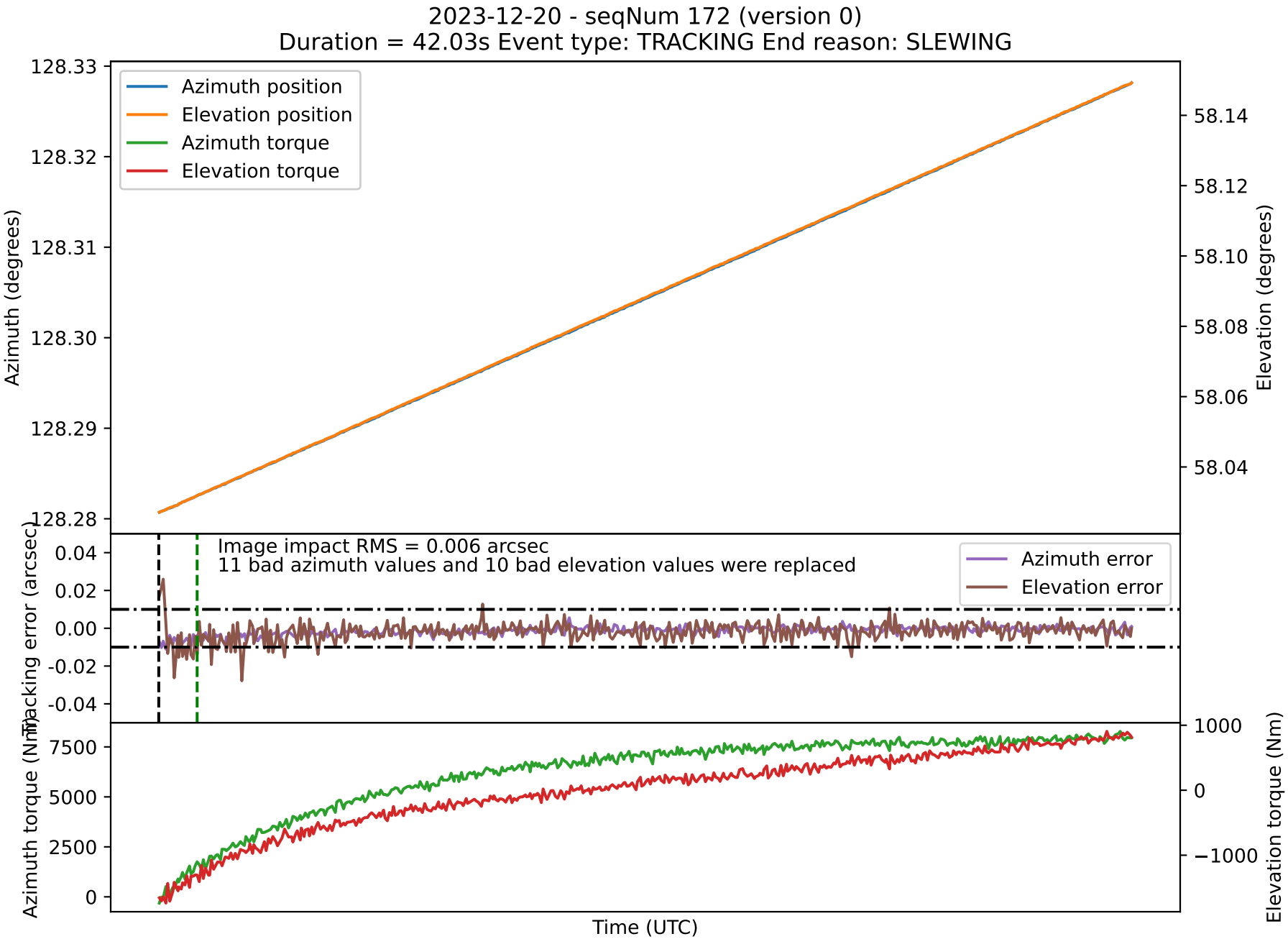

2023-12-20 - seqNum 160 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
135.80
135.70
135.60
135.50
135.40
135.30
81.14
81.12
81.10
81.08
81.06
81.04
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−200
−400
−600
Time (UTC)

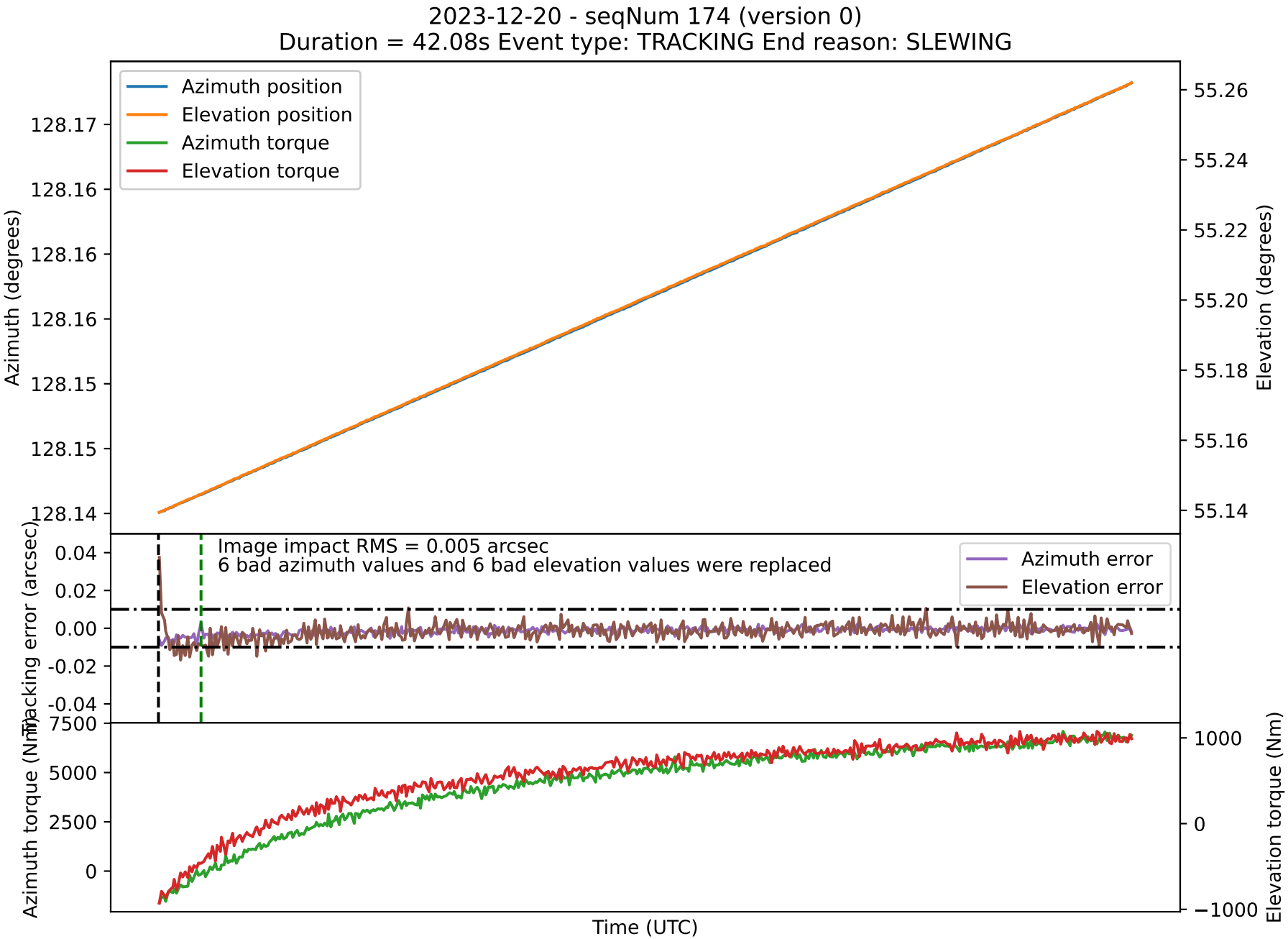

2023-12-20 - seqNum 162 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
133.80
133.60
133.40
133.20
133.00
84.44
84.42
84.40
84.38
84.36
84.34
84.32
Image impact RMS = 0.007 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
0
−200
−400
Time (UTC)

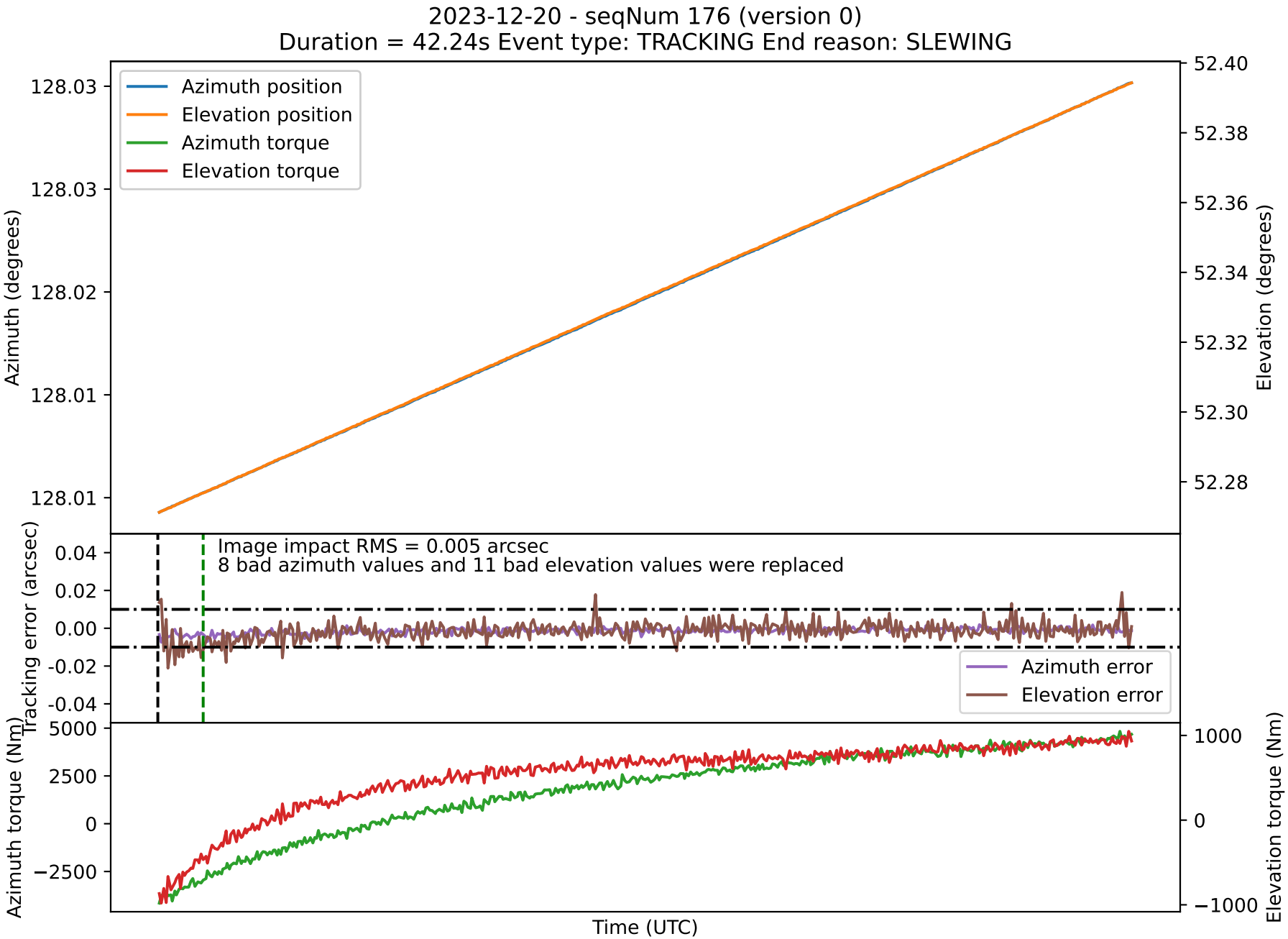

2023-12-20 - seqNum 166 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
128.46
128.44
128.42
128.40
128.38
128.36
67.00
66.98
66.96
66.94
66.92
66.90
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
0
−1000
Time (UTC)

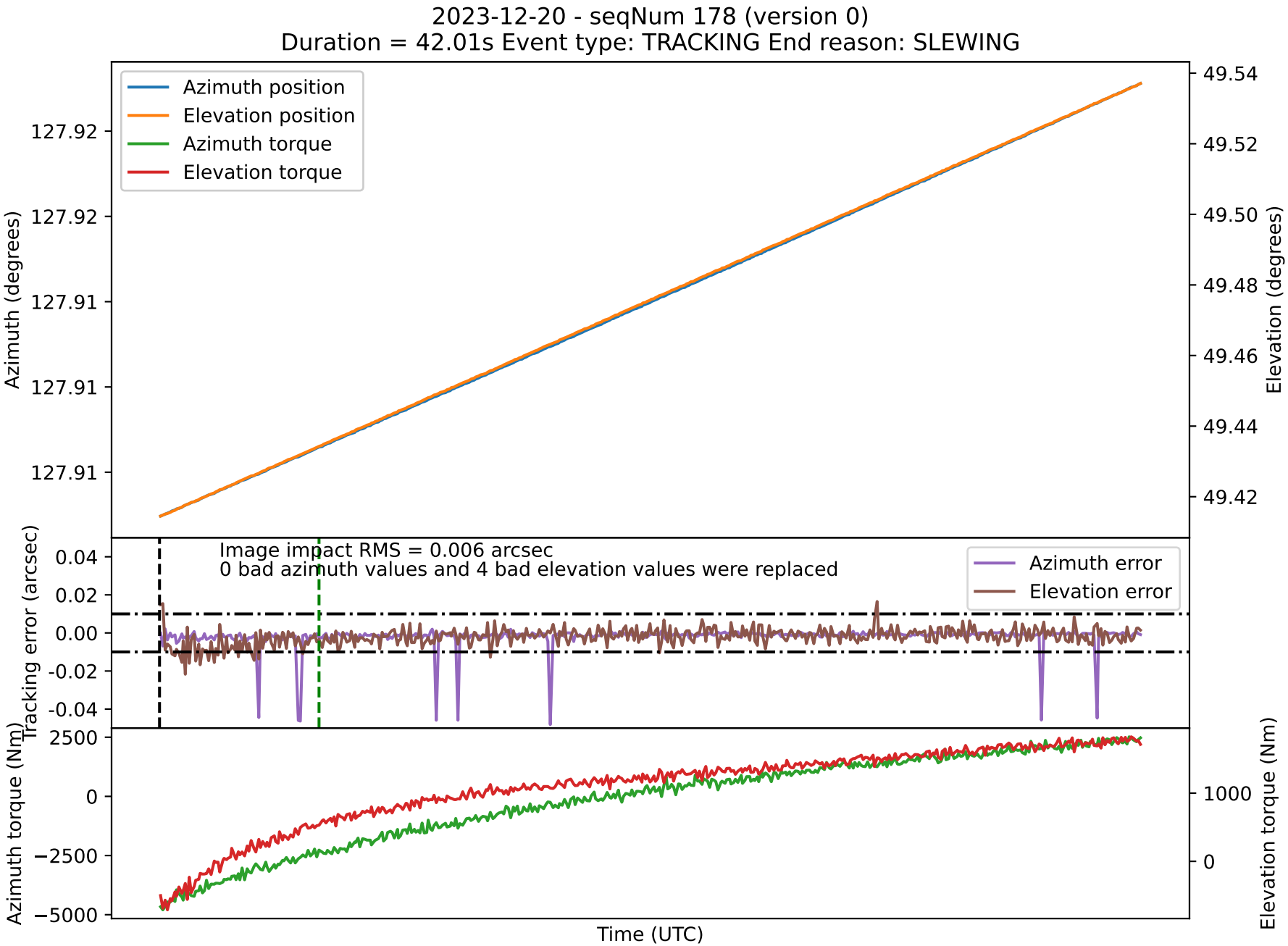

2023-12-20 - seqNum 168 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
128.52
128.50
128.48
128.46
64.02
64.00
63.98
63.96
63.94
63.92
63.90
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
4000
2000
0
−1000
Time (UTC)

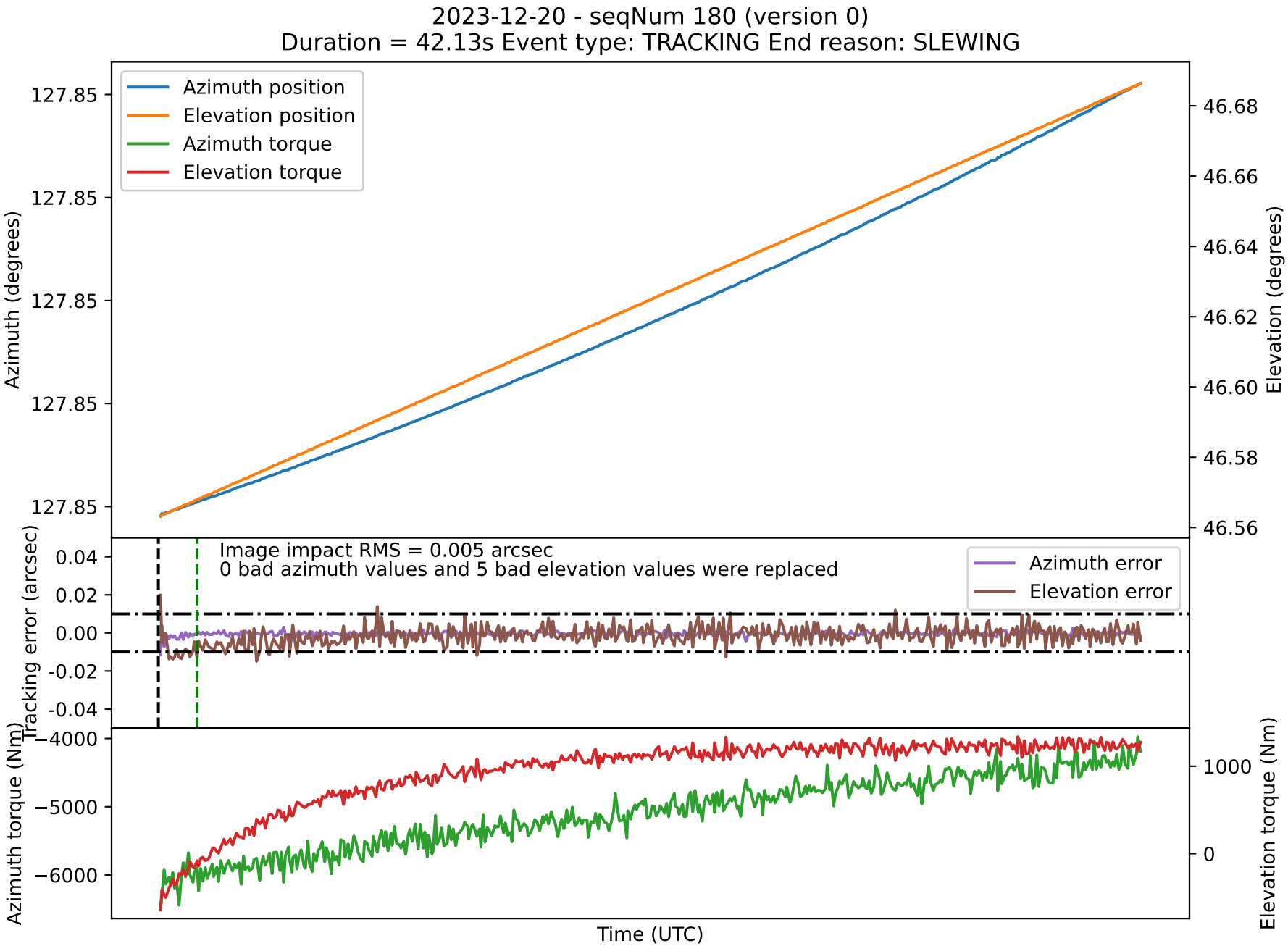

2023-12-20 - seqNum 170 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
128.46
128.45
128.44
128.43
128.42
128.41
128.40
61.06
61.04
61.02
61.00
60.98
60.96
60.94
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
6000
4000
2000
0
−1000
Time (UTC)

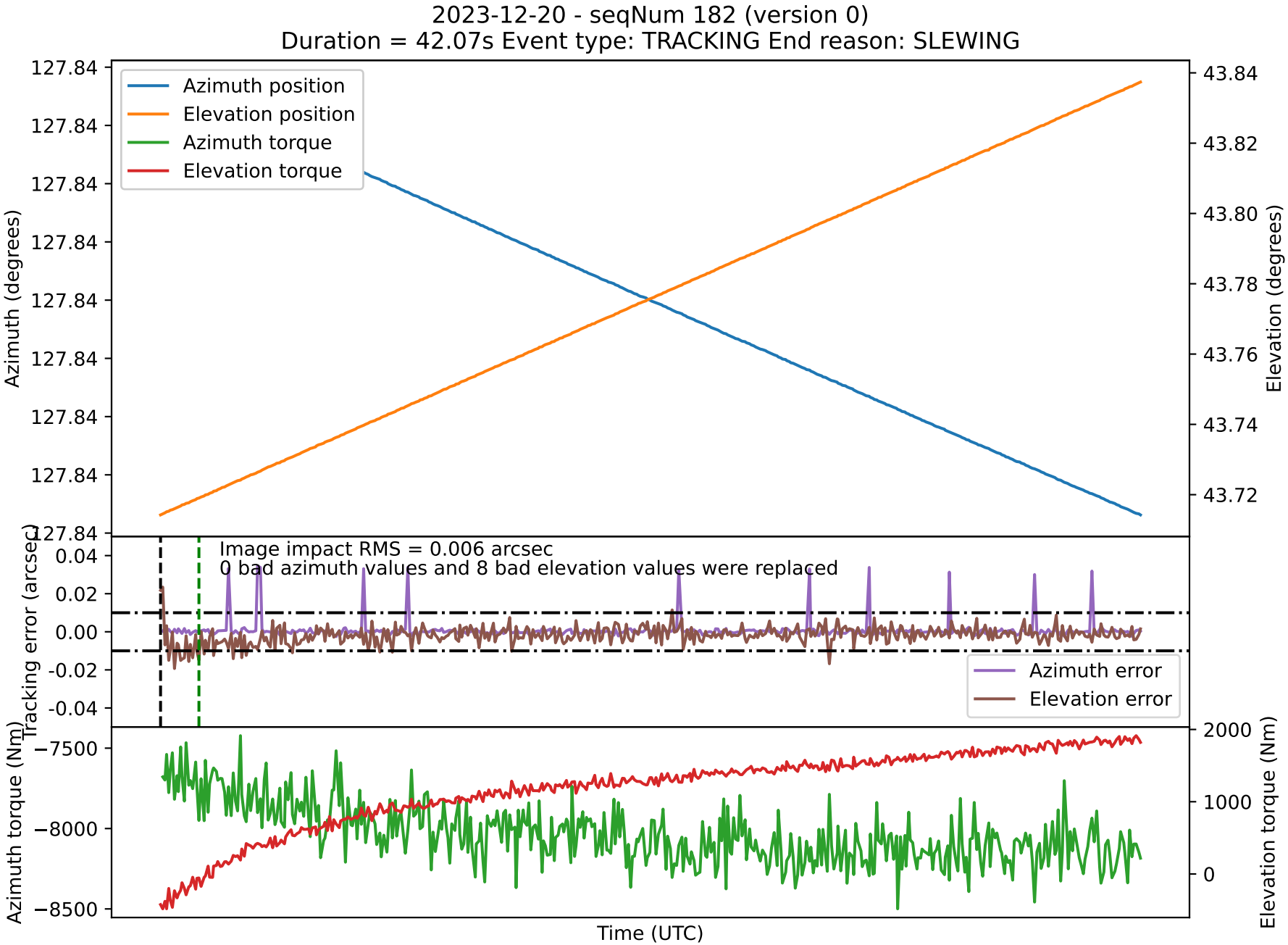

2023-12-20 - seqNum 172 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
11 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

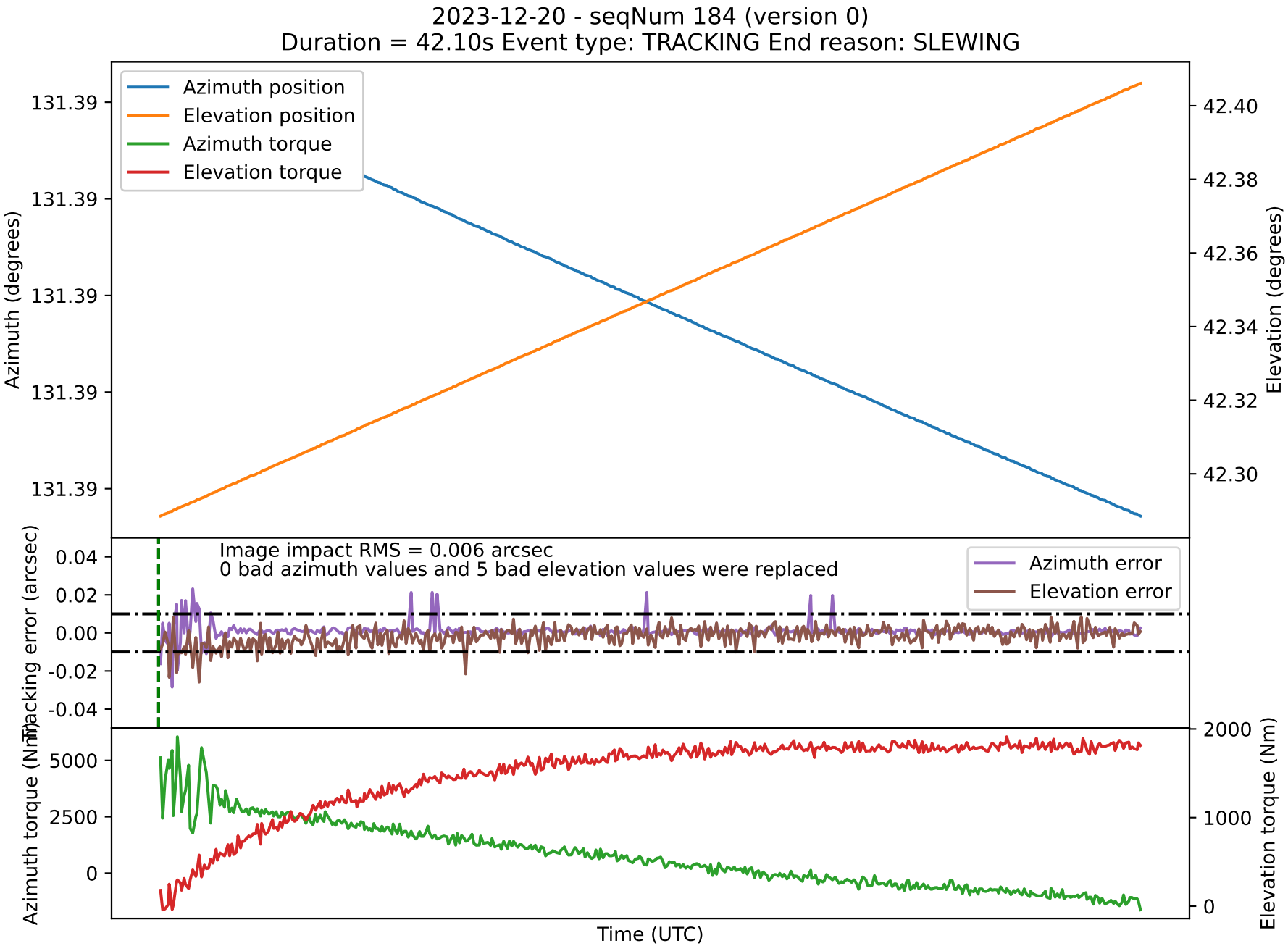

2023-12-20 - seqNum 174 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
128.17
128.16
128.16
128.16
128.15
128.15
128.14
55.26
55.24
55.22
55.20
55.18
55.16
55.14
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
7500
5000
2500
0
1000
0
−1000
Time (UTC)

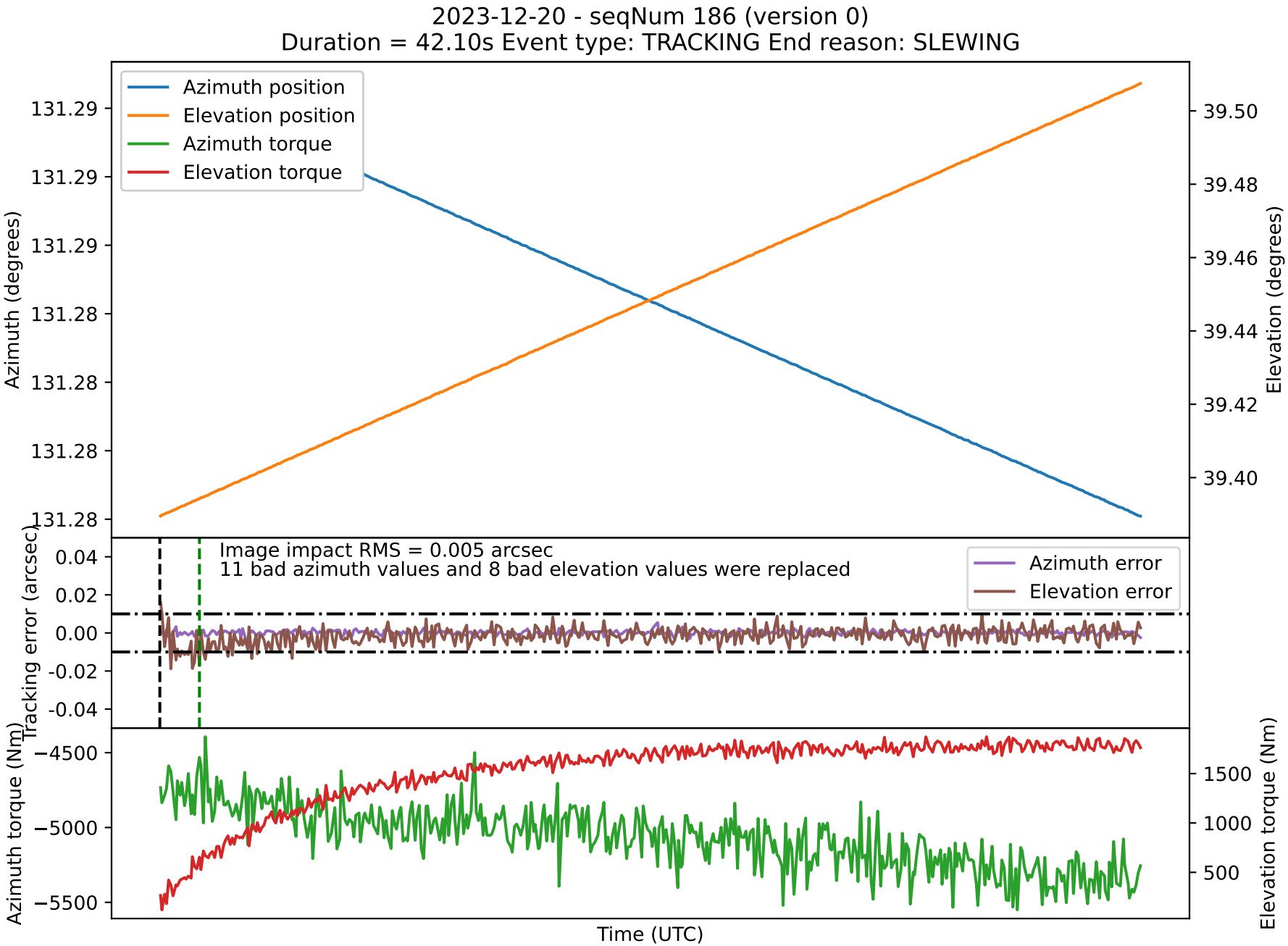

2023-12-20 - seqNum 176 (version 0)
Duration = 42.24s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
128.03
128.03
128.02
128.01
128.01
52.40
52.38
52.36
52.34
52.32
52.30
52.28
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 11 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
5000
2500
0
−2500
1000
0
−1000
Time (UTC)

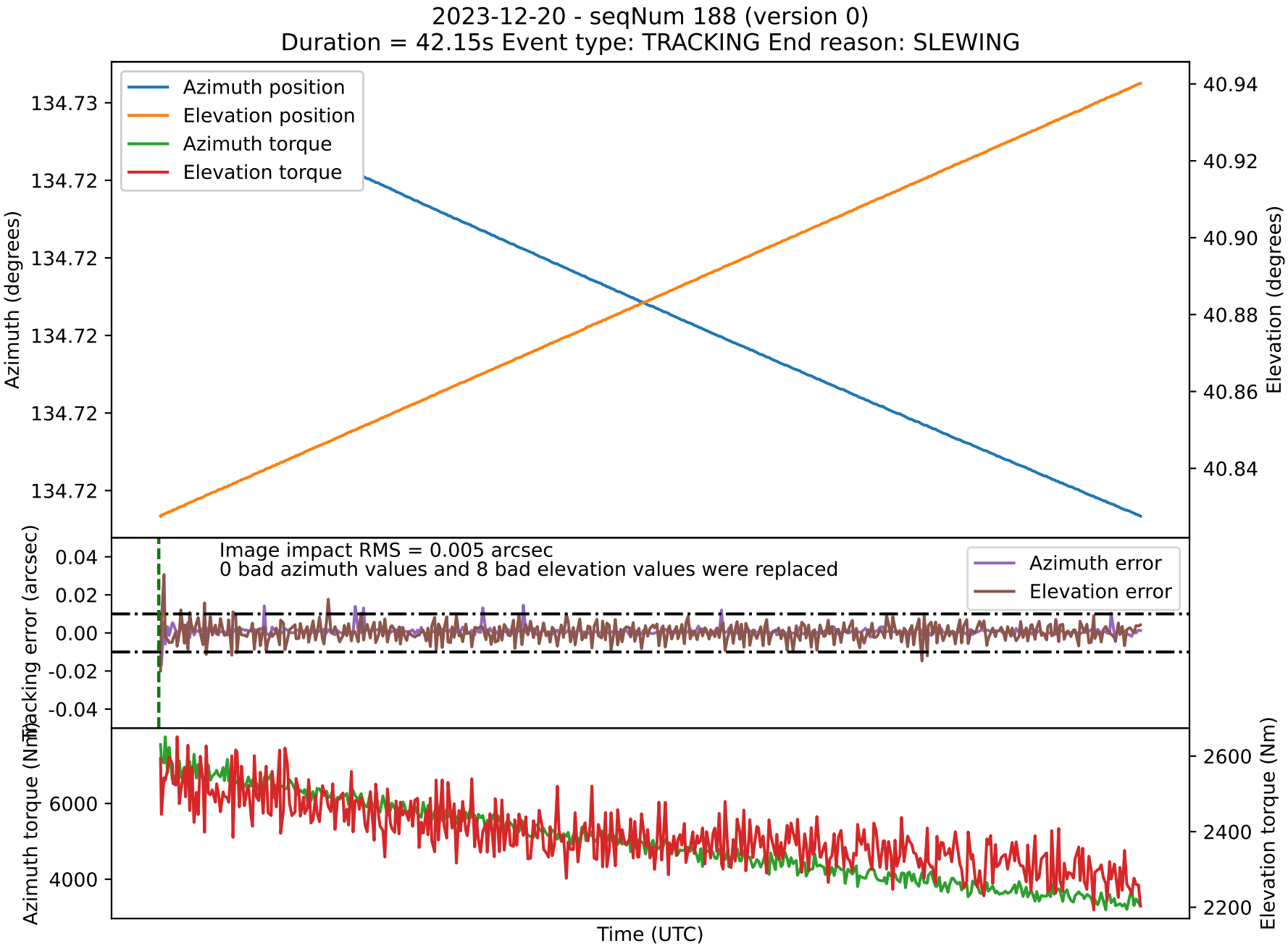

2023-12-20 - seqNum 178 (version 0)
Duration = 42.01s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
127.92
127.92
127.91
127.91
127.91
49.54
49.52
49.50
49.48
49.46
49.44
49.42
Image impact RMS = 0.006 arcsec
0 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
2500
0
−2500
−5000
1000
0
Time (UTC)

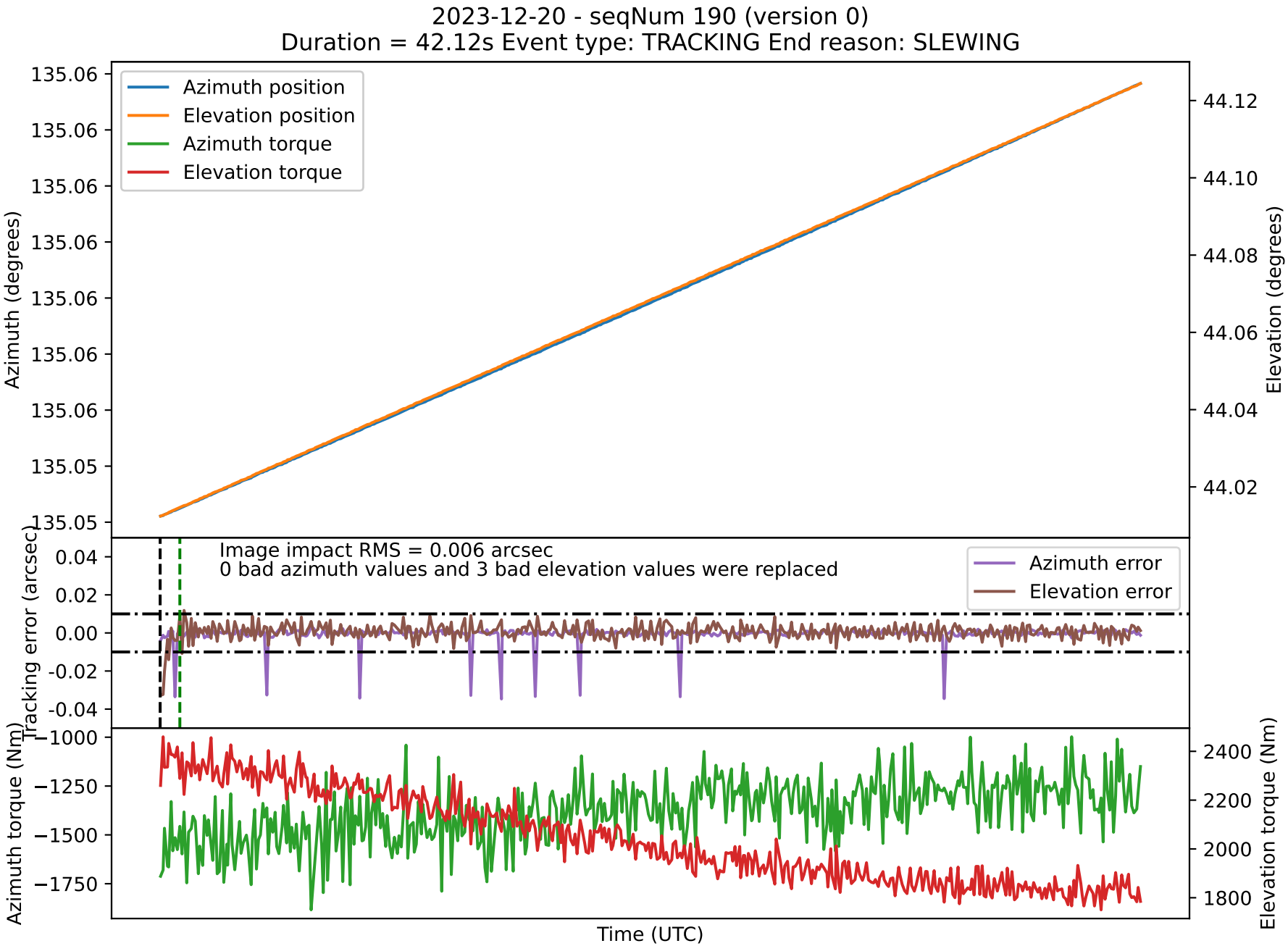

2023-12-20 - seqNum 180 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
127.85
46.68
46.66
46.64
46.62
46.60
46.58
46.56
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−5000
−6000
1000
0
Time (UTC)

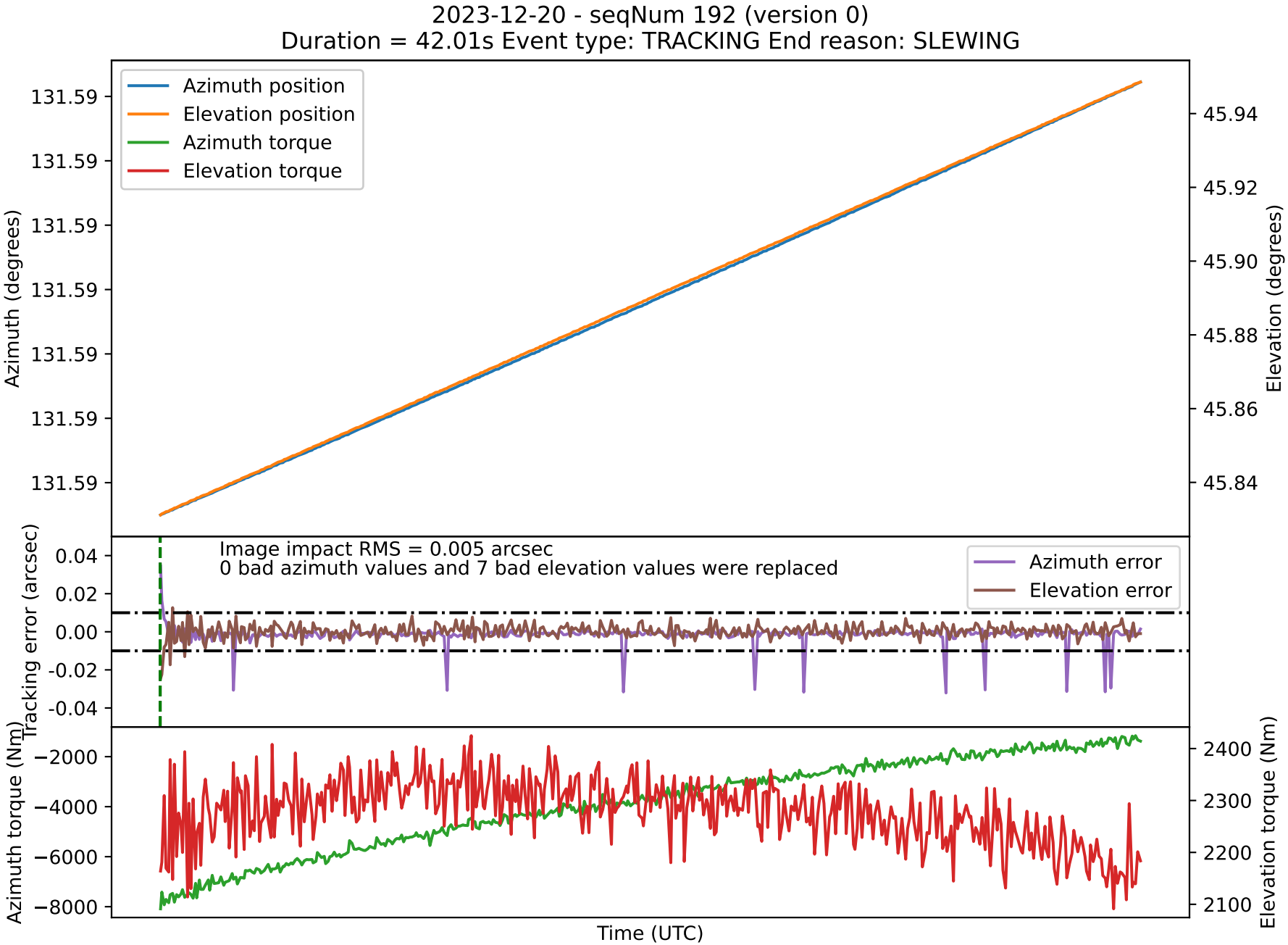

2023-12-20 - seqNum 182 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
127.84
43.84
43.82
43.80
43.78
43.76
43.74
43.72
Image impact RMS = 0.006 arcsec
0 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−8000
−8500
2000
1000
0
Time (UTC)

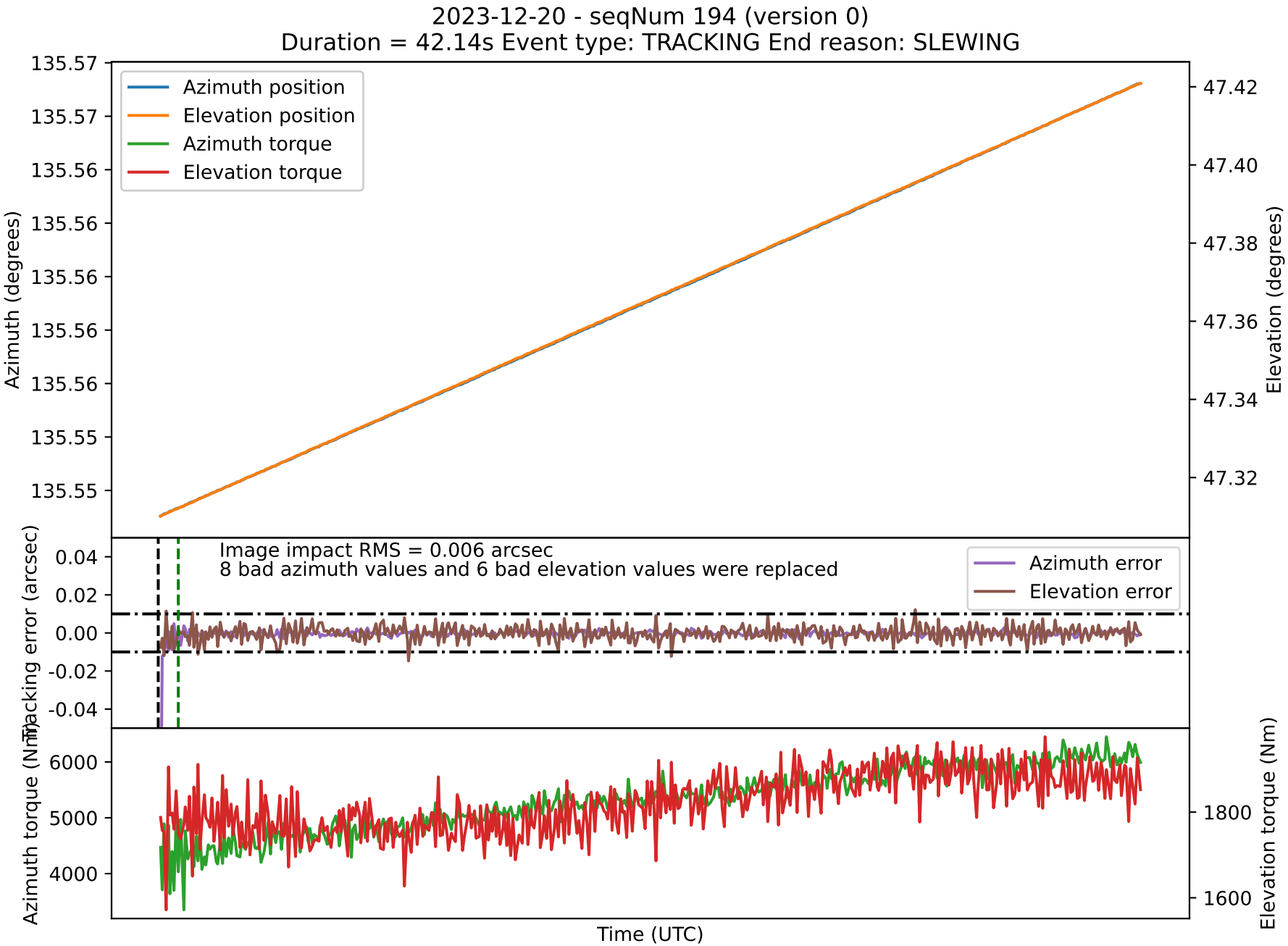

2023-12-20 - seqNum 184 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
131.39
42.40
42.38
42.36
42.34
42.32
42.30
Image impact RMS = 0.006 arcsec
0 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
2500
0
2000
1000
0
Time (UTC)

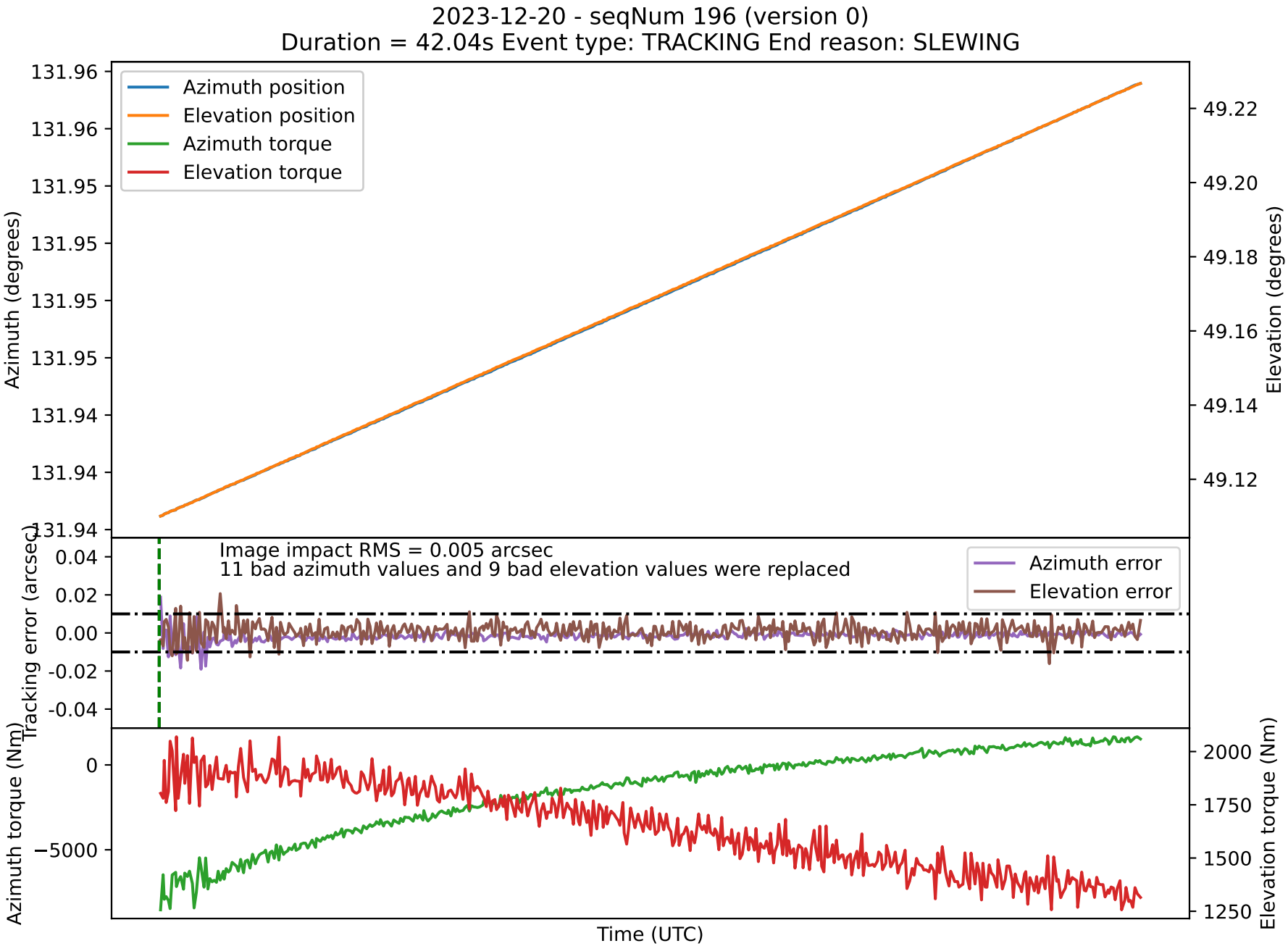

2023-12-20 - seqNum 186 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
131.29
131.29
131.29
131.28
131.28
131.28
131.28
39.50
39.48
39.46
39.44
39.42
39.40
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4500
−5000
−5500
1500
1000
500
Time (UTC)

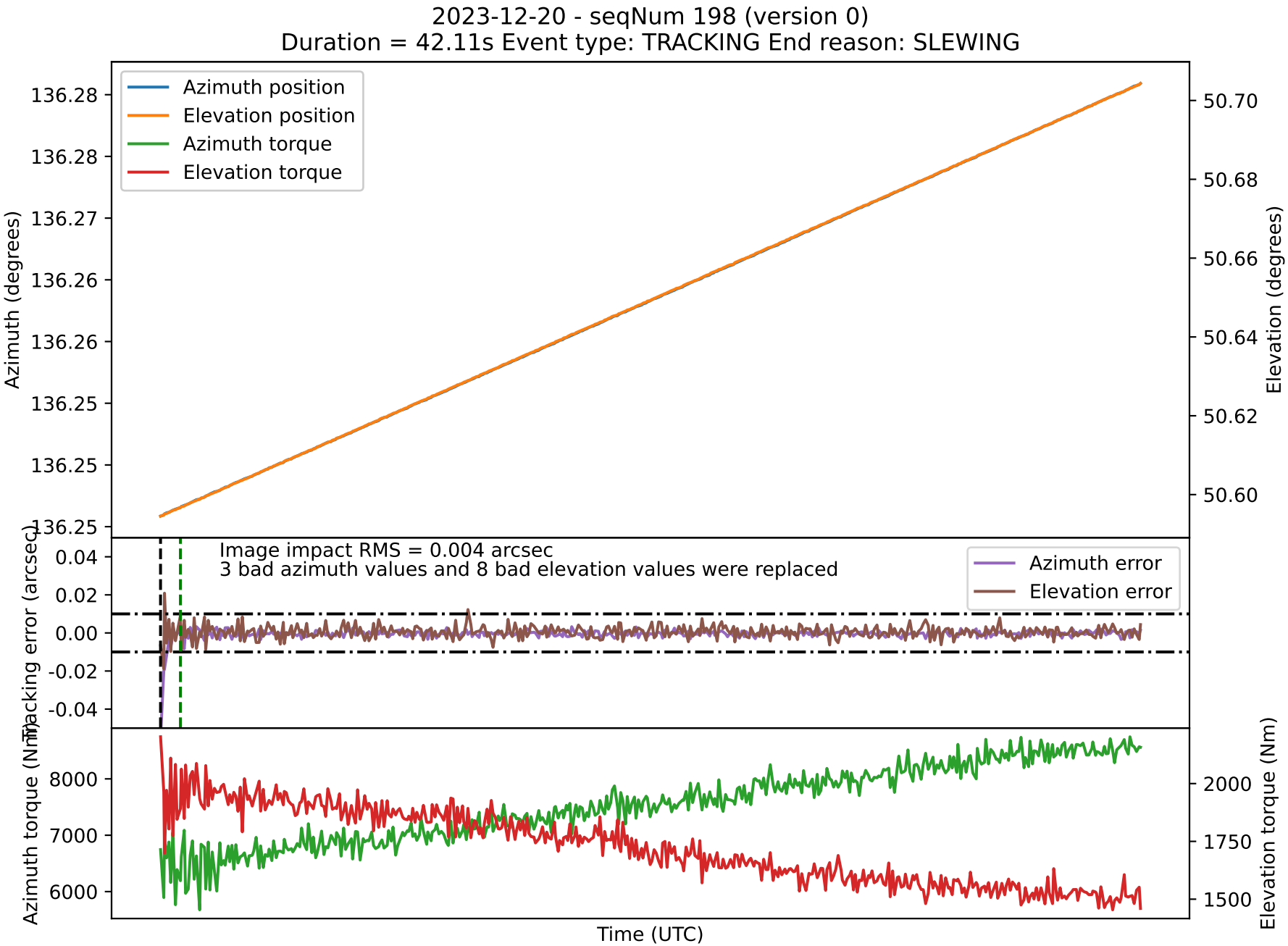

2023-12-20 - seqNum 188 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
134.73
134.72
134.72
134.72
134.72
134.72
40.94
40.92
40.90
40.88
40.86
40.84
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
6000
4000
2600
2400
2200
Time (UTC)

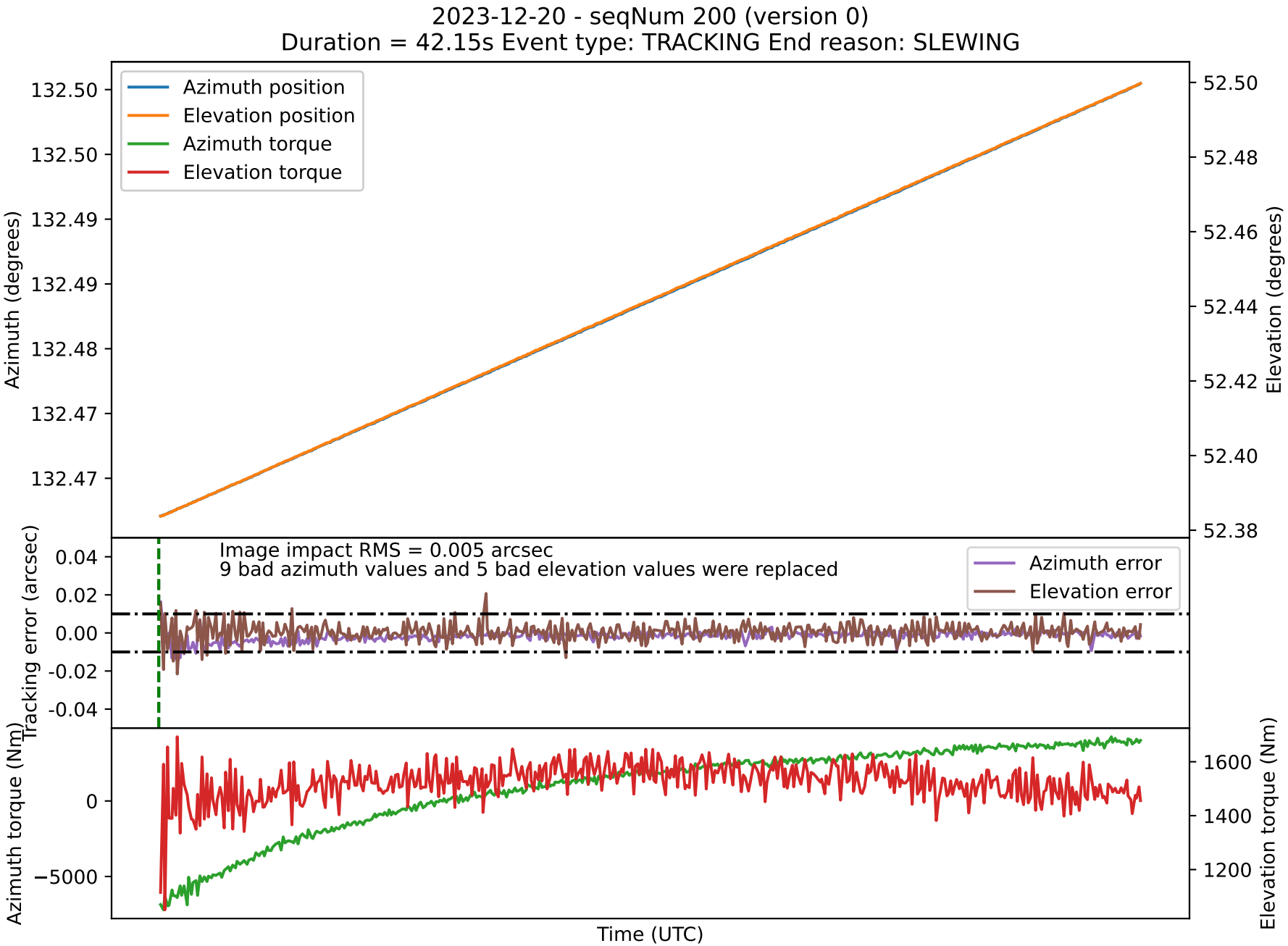

2023-12-20 - seqNum 190 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
135.06
135.05
44.12
44.10
44.08
44.06
44.04
44.02
Image impact RMS = 0.006 arcsec
0 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−1000
−1250
−1500
−1750
2400
2200
2000
1800
Time (UTC)

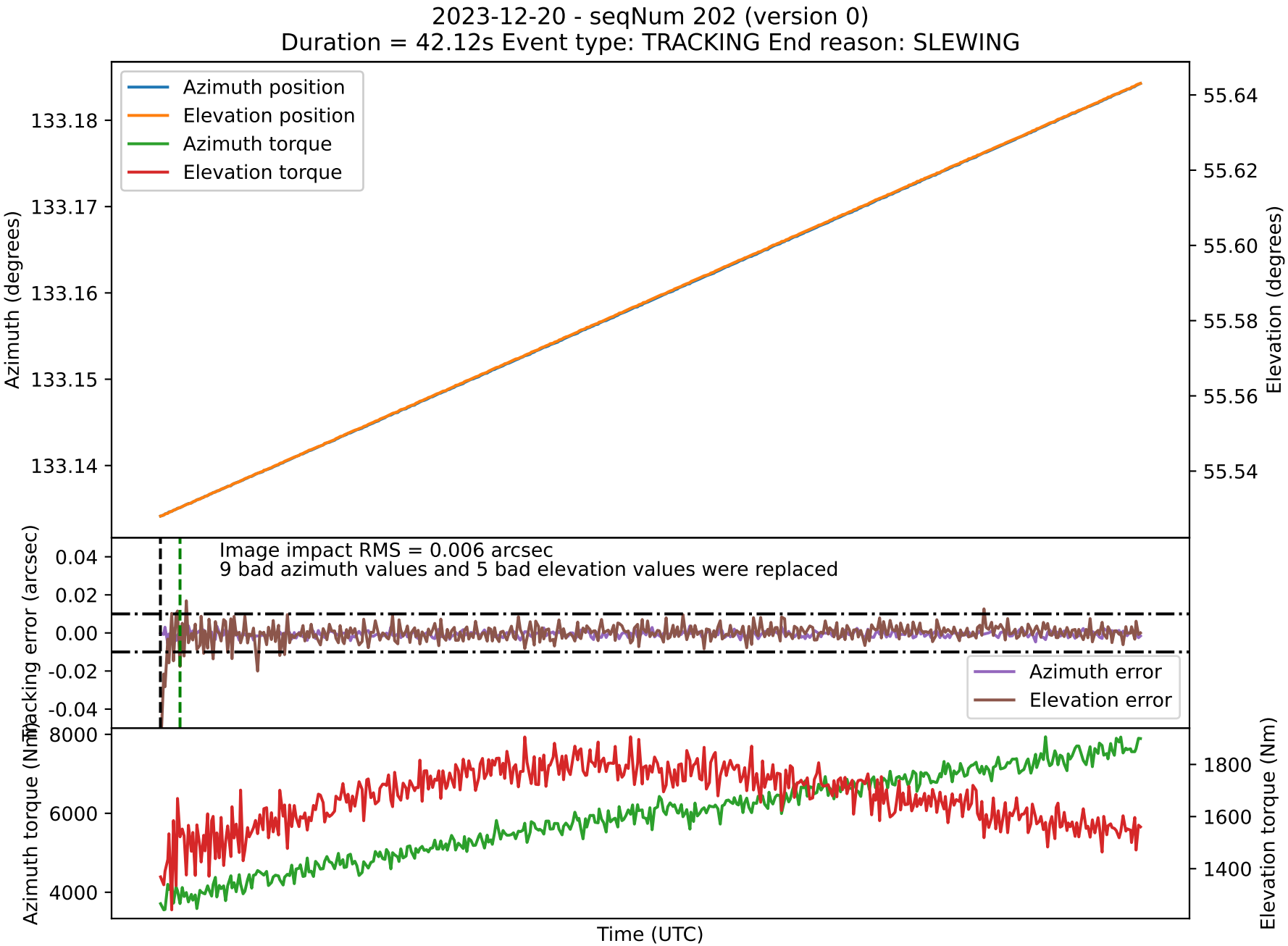

2023-12-20 - seqNum 192 (version 0)
Duration = 42.01s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
131.59
45.94
45.92
45.90
45.88
45.86
45.84
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−2000
−4000
−6000
−8000
2400
2300
2200
2100
Time (UTC)

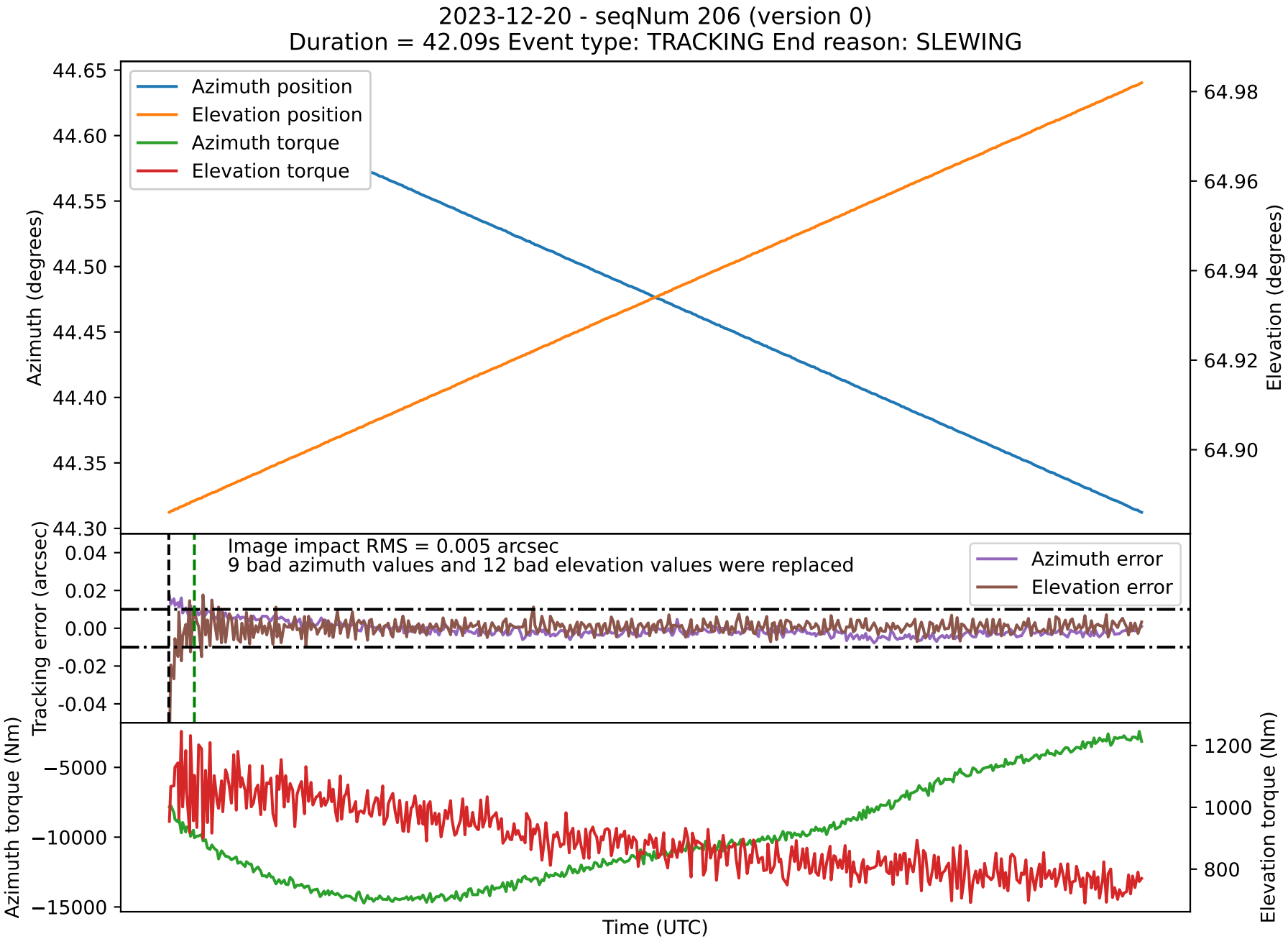

2023-12-20 - seqNum 194 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
135.57
135.57
135.56
135.56
135.56
135.56
135.56
135.55
135.55
47.42
47.40
47.38
47.36
47.34
47.32
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
6000
5000
4000
1800
1600
Time (UTC)

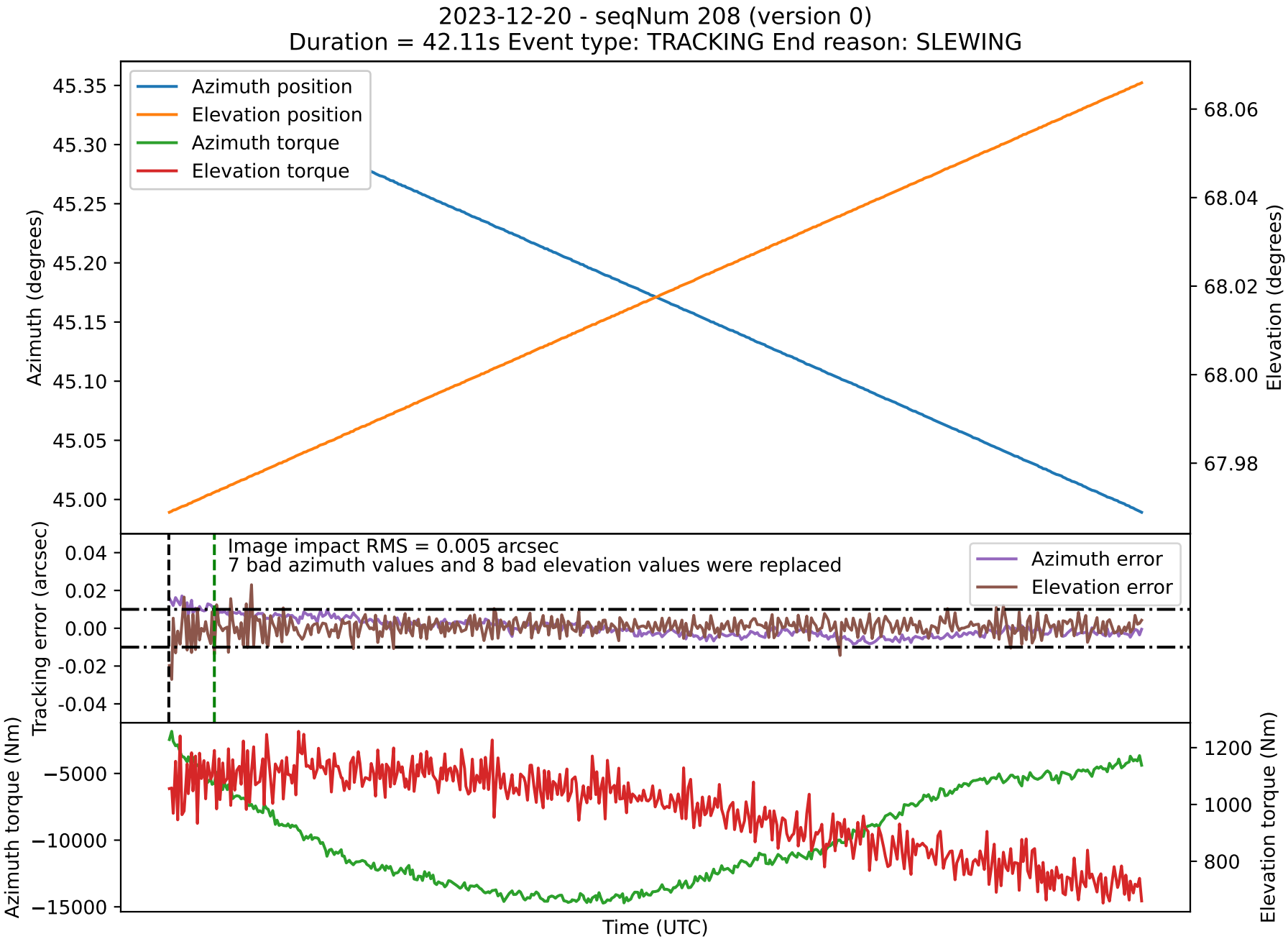

2023-12-20 - seqNum 196 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

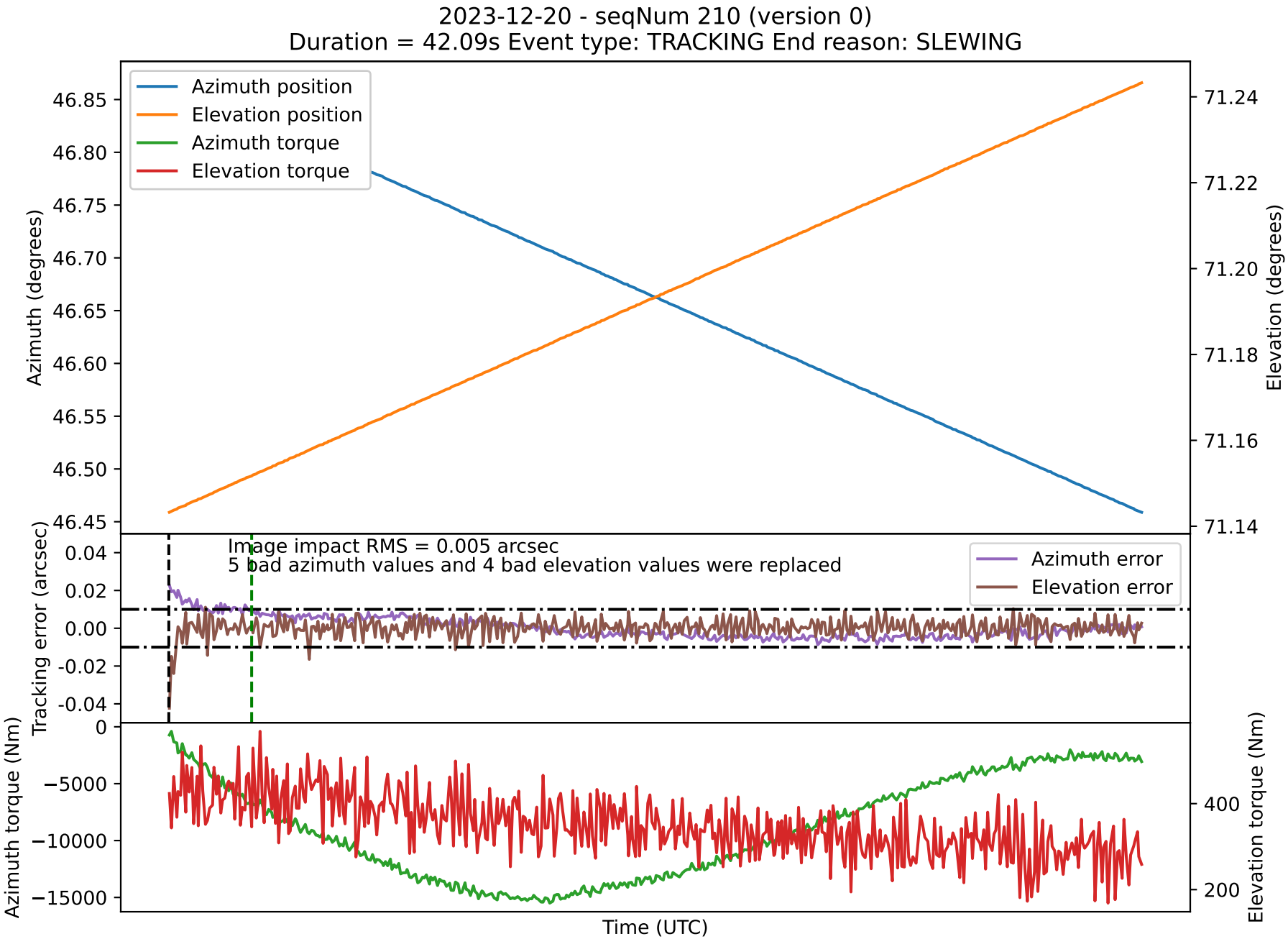

2023-12-20 - seqNum 198 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
136.28
136.28
136.27
136.26
136.26
136.25
136.25
136.25
50.70
50.68
50.66
50.64
50.62
50.60
Image impact RMS = 0.004 arcsec
3 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
7000
6000
2000
1750
1500
Time (UTC)

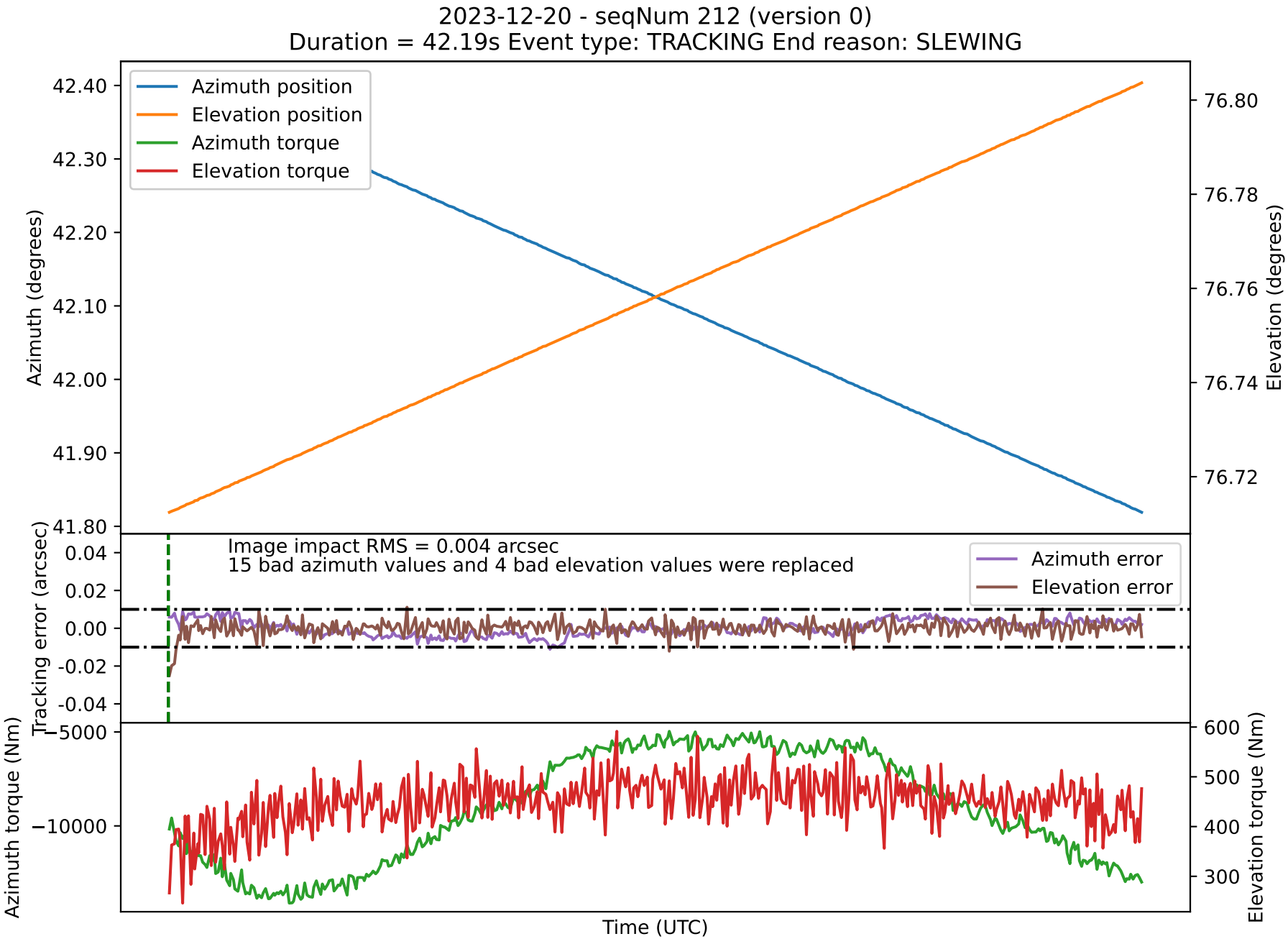

2023-12-20 - seqNum 200 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

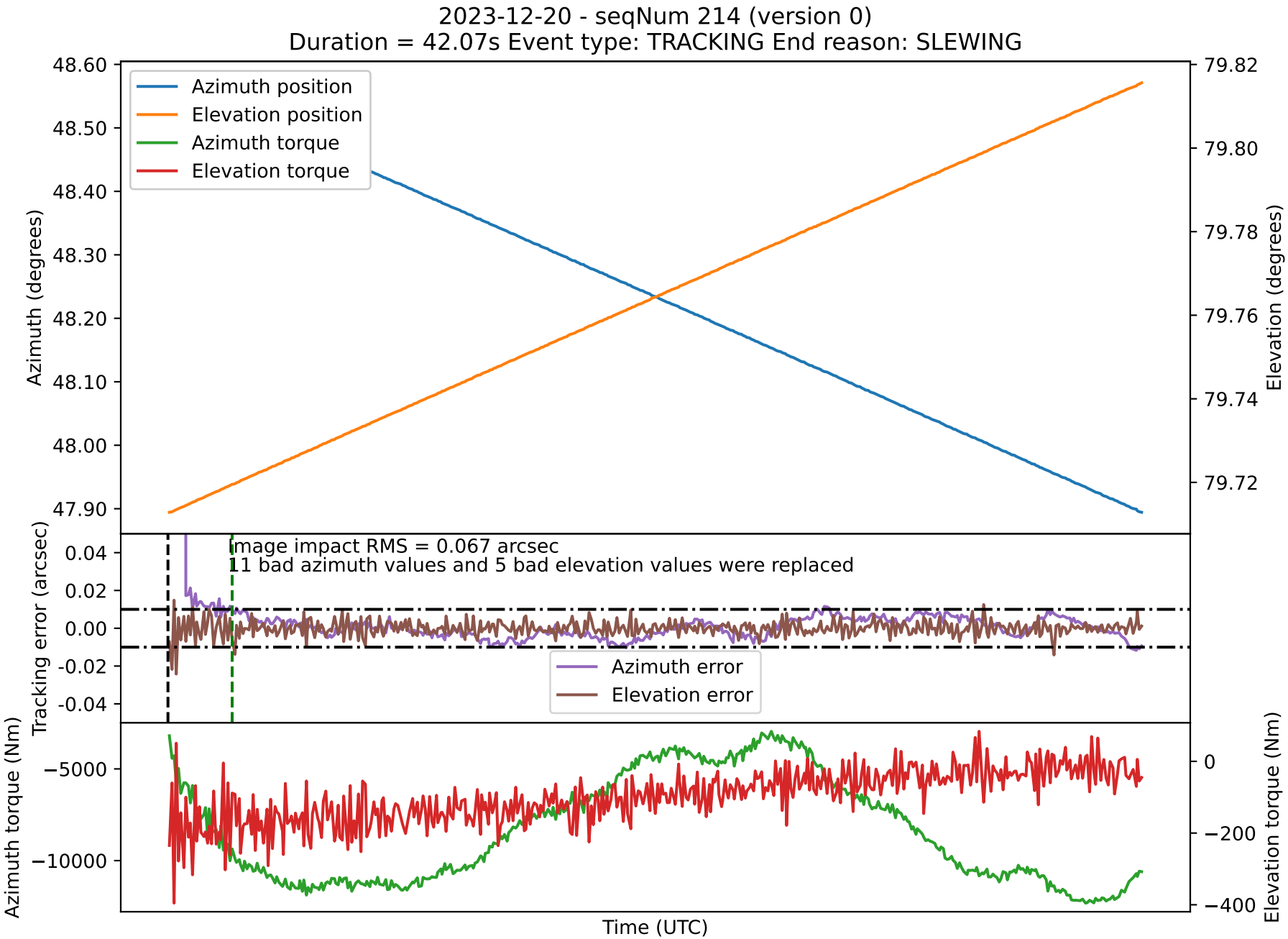

2023-12-20 - seqNum 202 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
133.18
133.17
133.16
133.15
133.14
55.64
55.62
55.60
55.58
55.56
55.54
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
1800
1600
1400
Time (UTC)

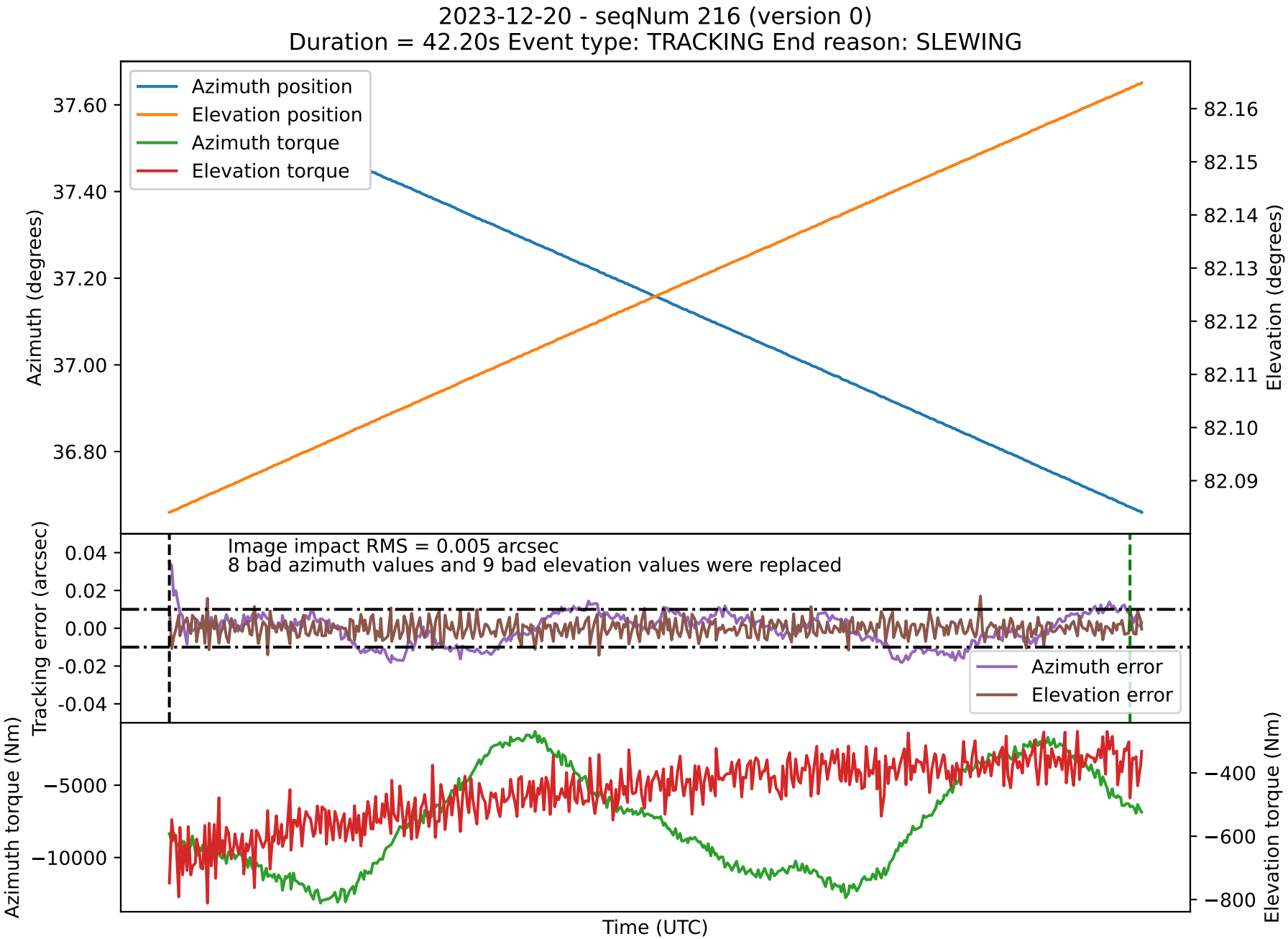

2023-12-20 - seqNum 206 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
44.65
44.60
44.55
44.50
44.45
44.40
44.35
44.30
64.98
64.96
64.94
64.92
64.90
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
1200
1000
800
Time (UTC)

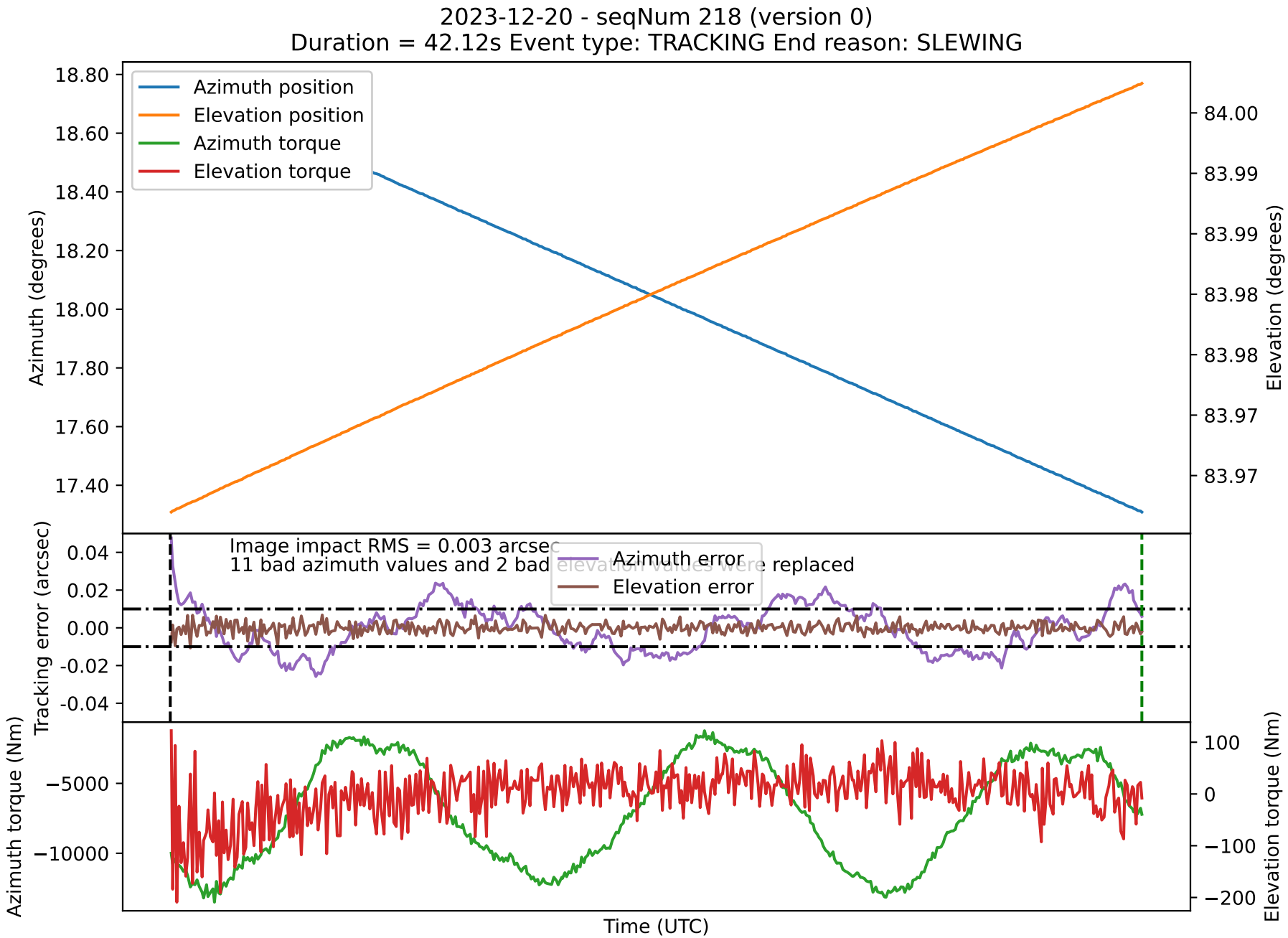

2023-12-20 - seqNum 208 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
45.35
45.30
45.25
45.20
45.15
45.10
45.05
45.00
68.06
68.04
68.02
68.00
67.98
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
1200
1000
800
Time (UTC)

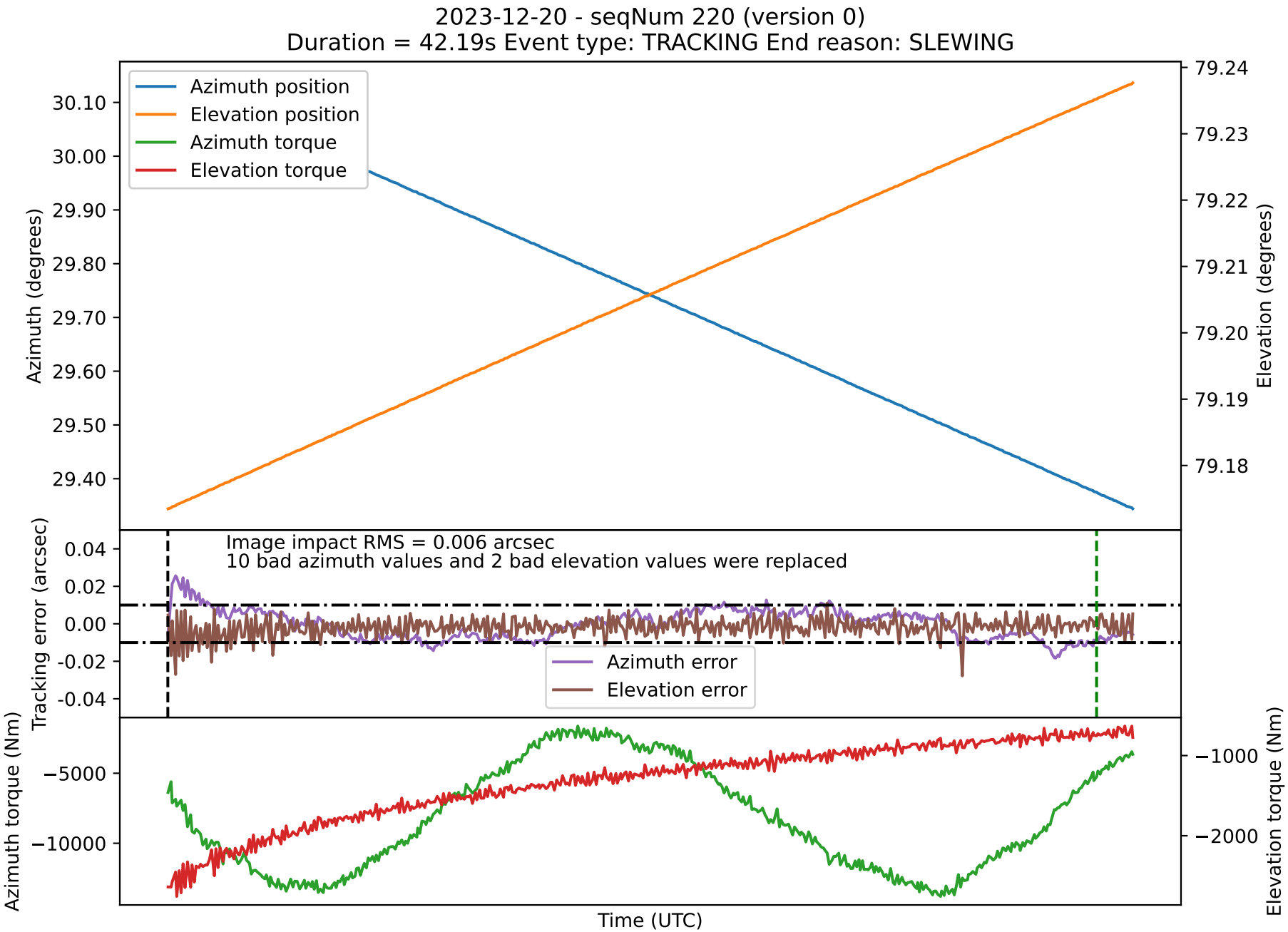

2023-12-20 - seqNum 210 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

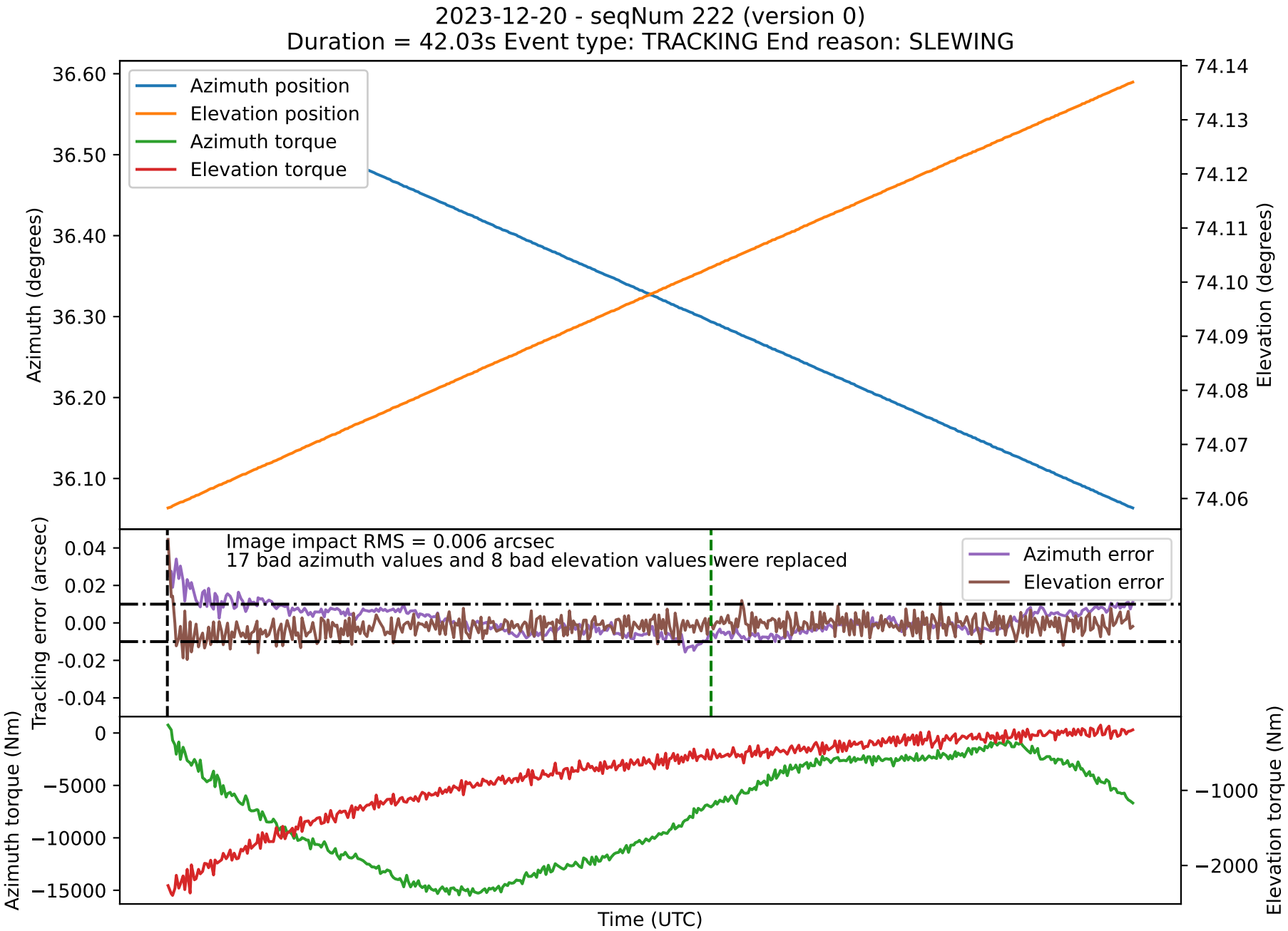

2023-12-20 - seqNum 212 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
42.40
42.30
42.20
42.10
42.00
41.90
41.80
76.80
76.78
76.76
76.74
76.72
Image impact RMS = 0.004 arcsec
15 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
600
500
400
300
Time (UTC)

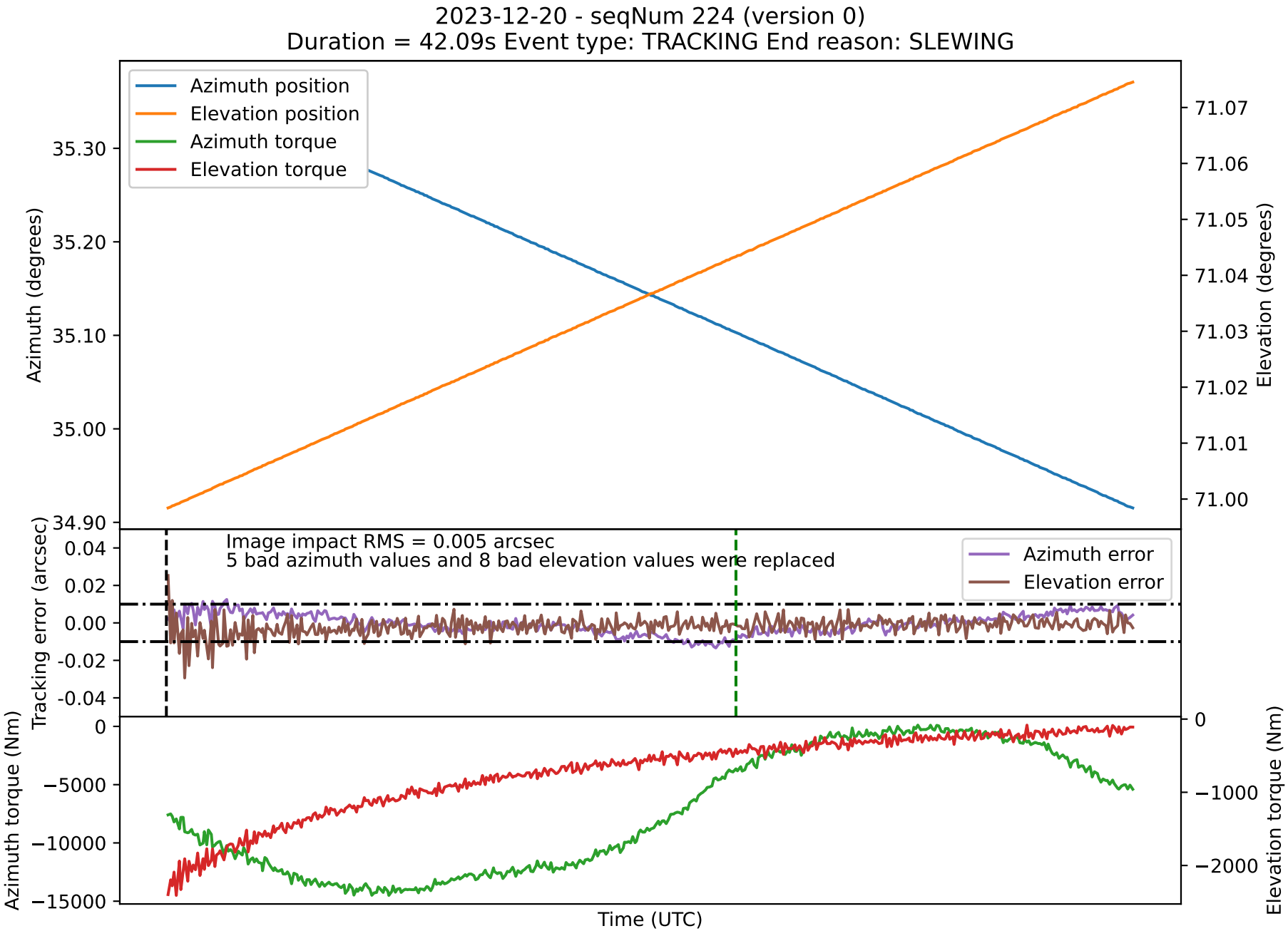

2023-12-20 - seqNum 214 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
48.60
48.50
48.40
48.30
48.20
48.10
48.00
47.90
79.82
79.80
79.78
79.76
79.74
79.72
Image impact RMS = 0.067 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
−5000
−10000
Elevation torque (Nm)
0
−200
−400
Time (UTC)

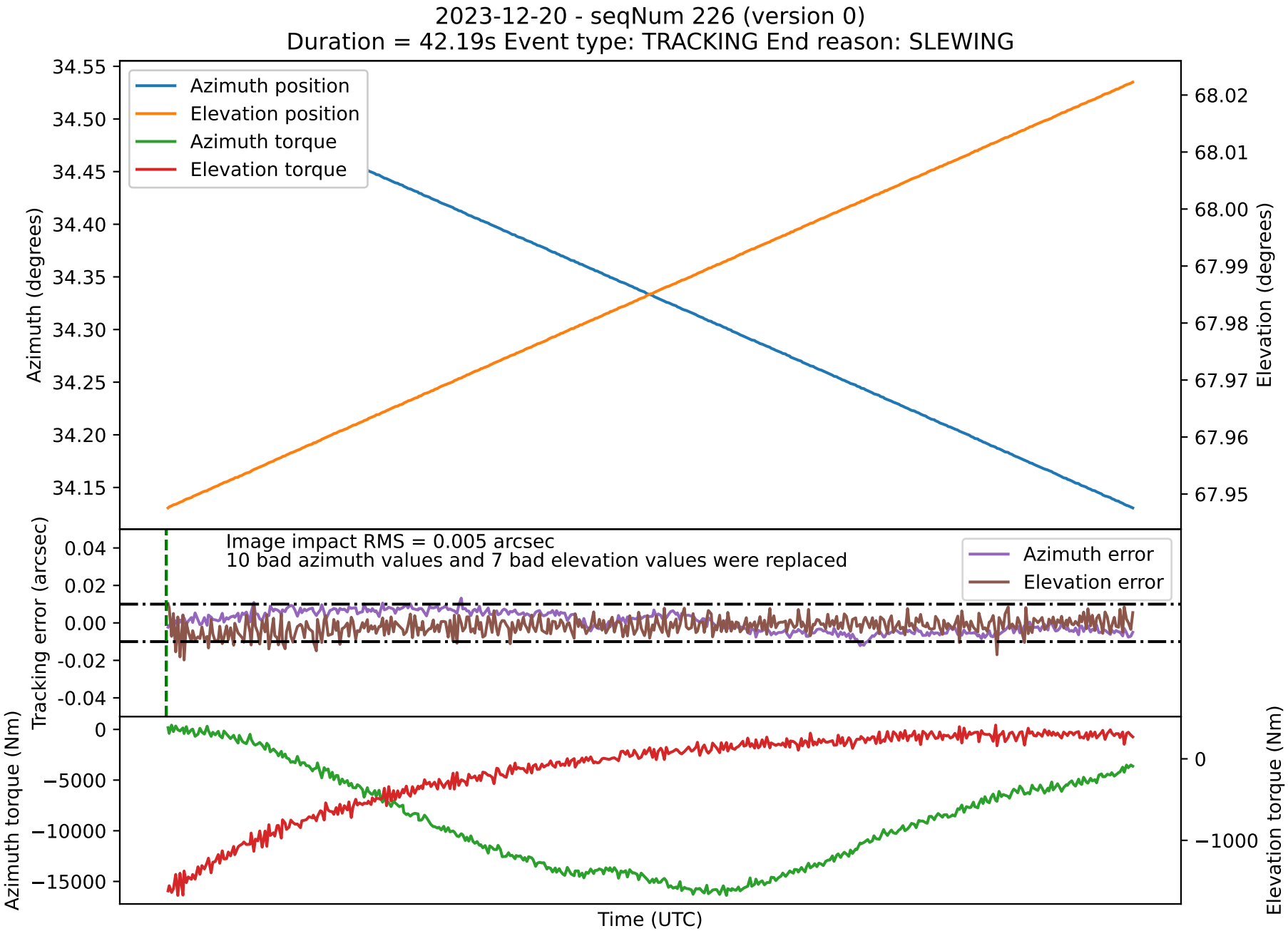

2023-12-20 - seqNum 216 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
37.60
37.40
37.20
37.00
36.80
82.16
82.15
82.14
82.13
82.12
82.11
82.10
82.09
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−400
−600
−800
Time (UTC)

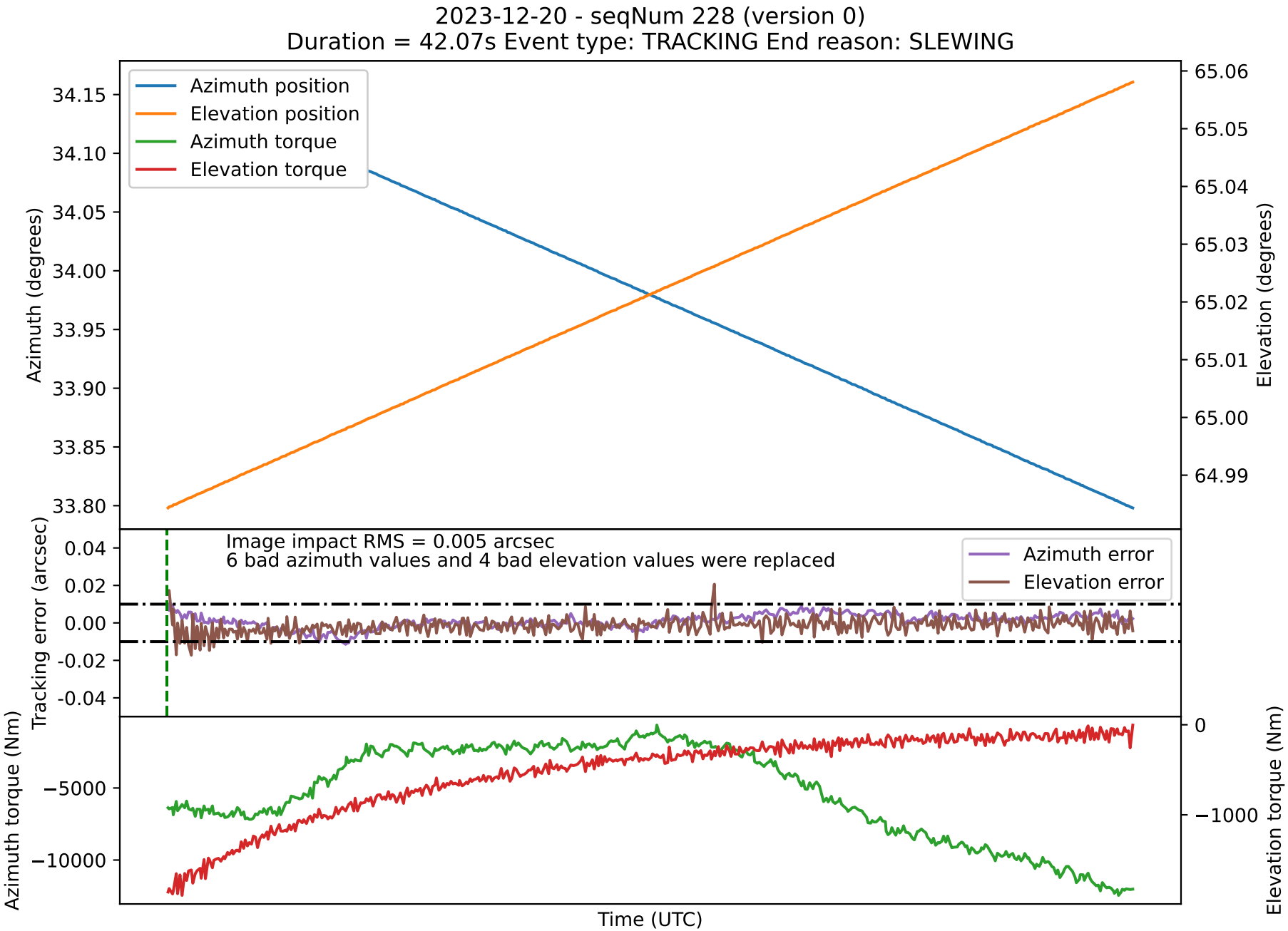

2023-12-20 - seqNum 218 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
18.80
18.60
18.40
18.20
18.00
17.80
17.60
17.40
84.00
83.99
83.99
83.98
83.98
83.97
83.97
Image impact RMS = 0.003 arcsec
11 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
−5000
−10000
Elevation torque (Nm)
100
0
−100
−200
Time (UTC)

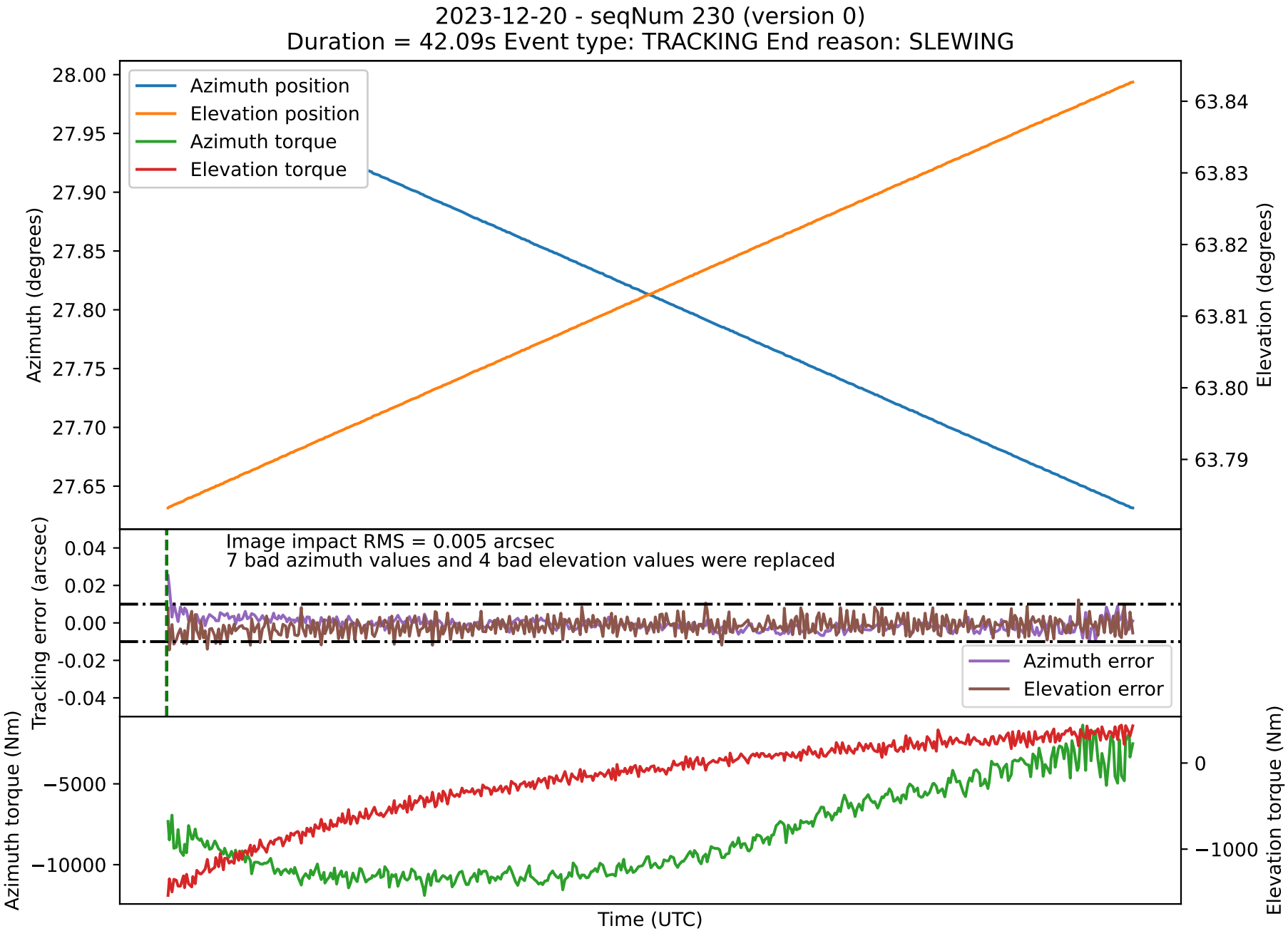

2023-12-20 - seqNum 220 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
10 bad azimuth values and 2 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

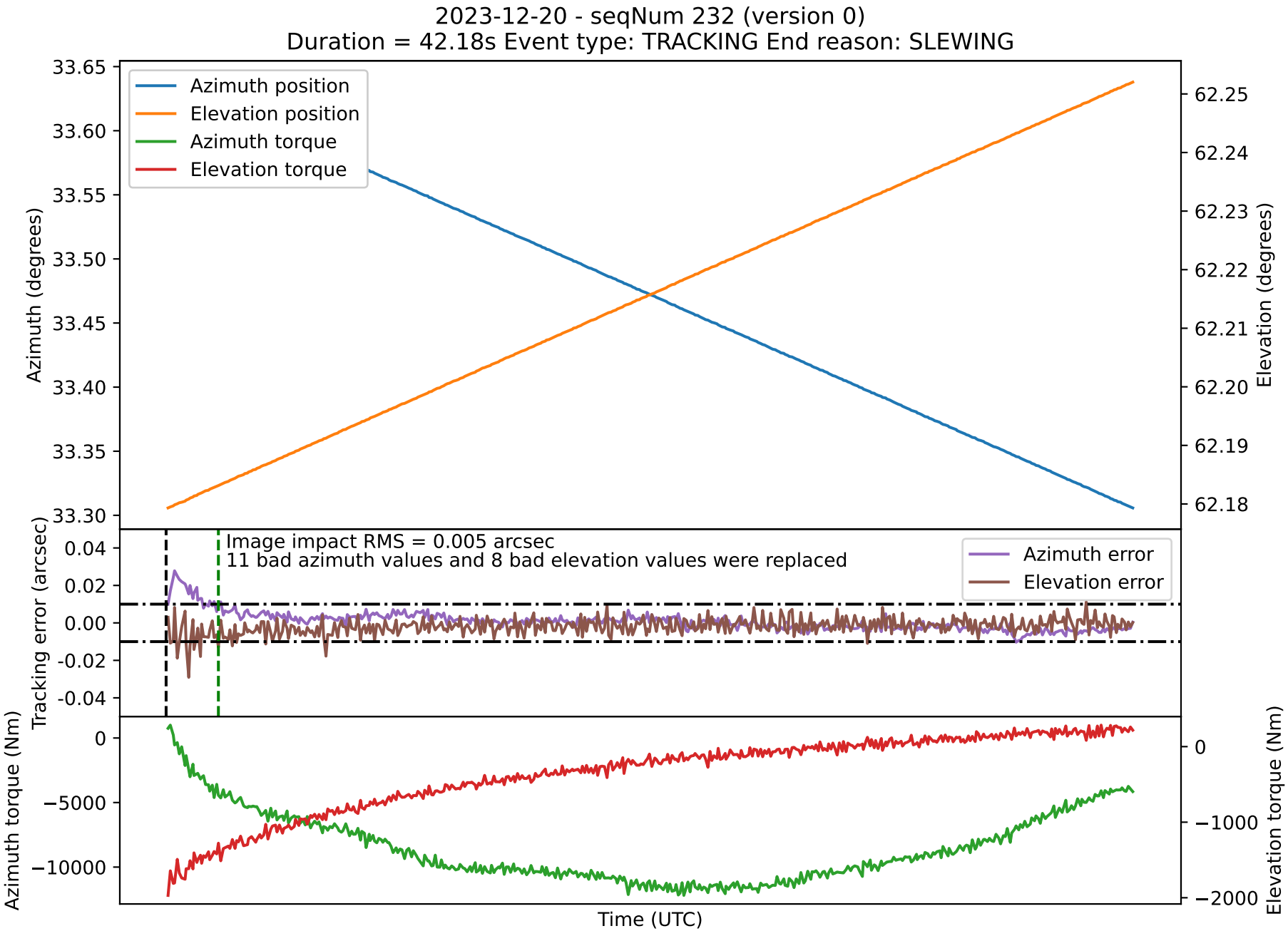

2023-12-20 - seqNum 222 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
36.60
36.50
36.40
36.30
36.20
36.10
74.14
74.13
74.12
74.11
74.10
74.09
74.08
74.07
74.06
Image impact RMS = 0.006 arcsec
17 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

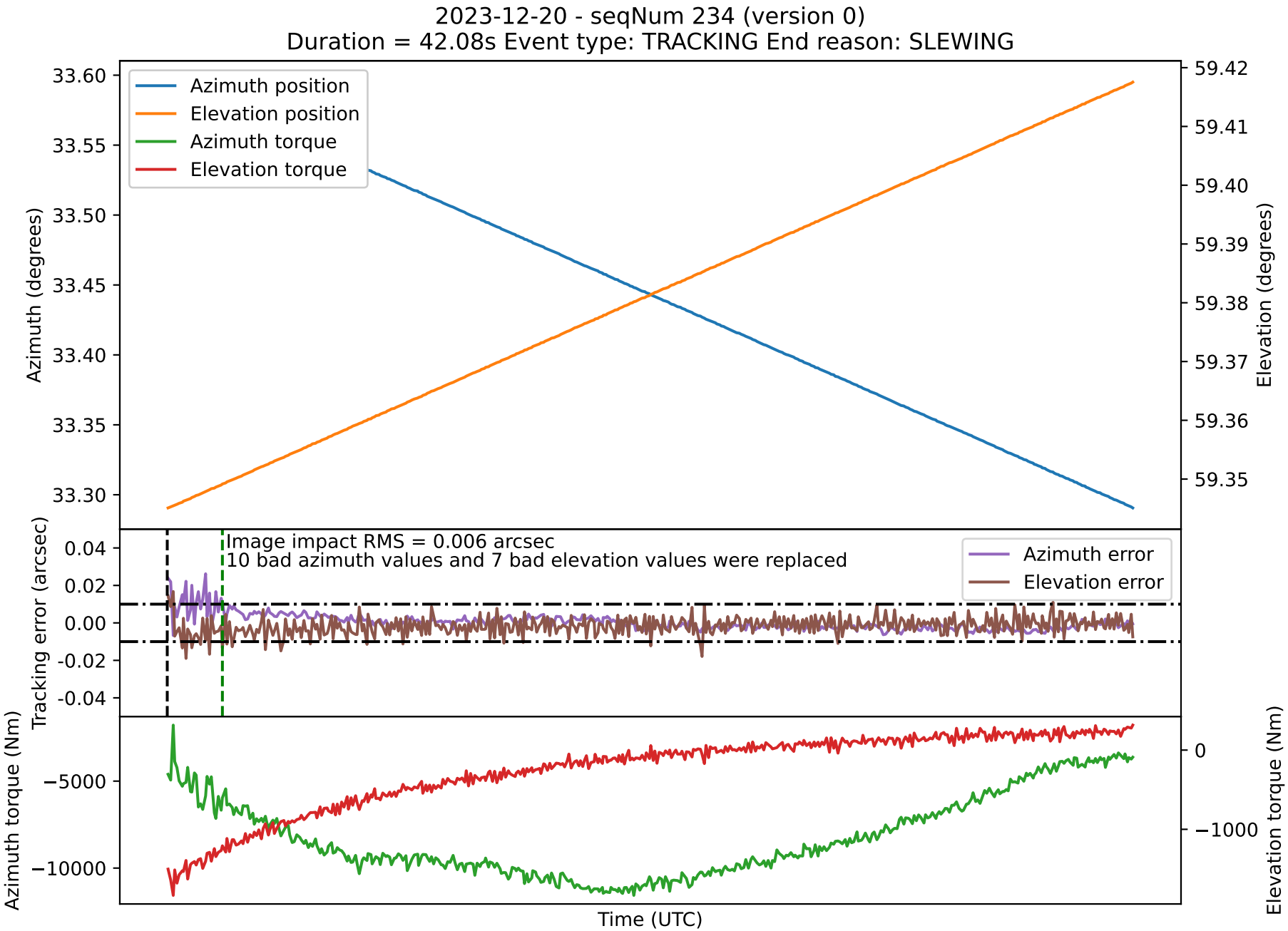

2023-12-20 - seqNum 224 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
35.30
35.20
35.10
35.00
34.90
71.07
71.06
71.05
71.04
71.03
71.02
71.01
71.00
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

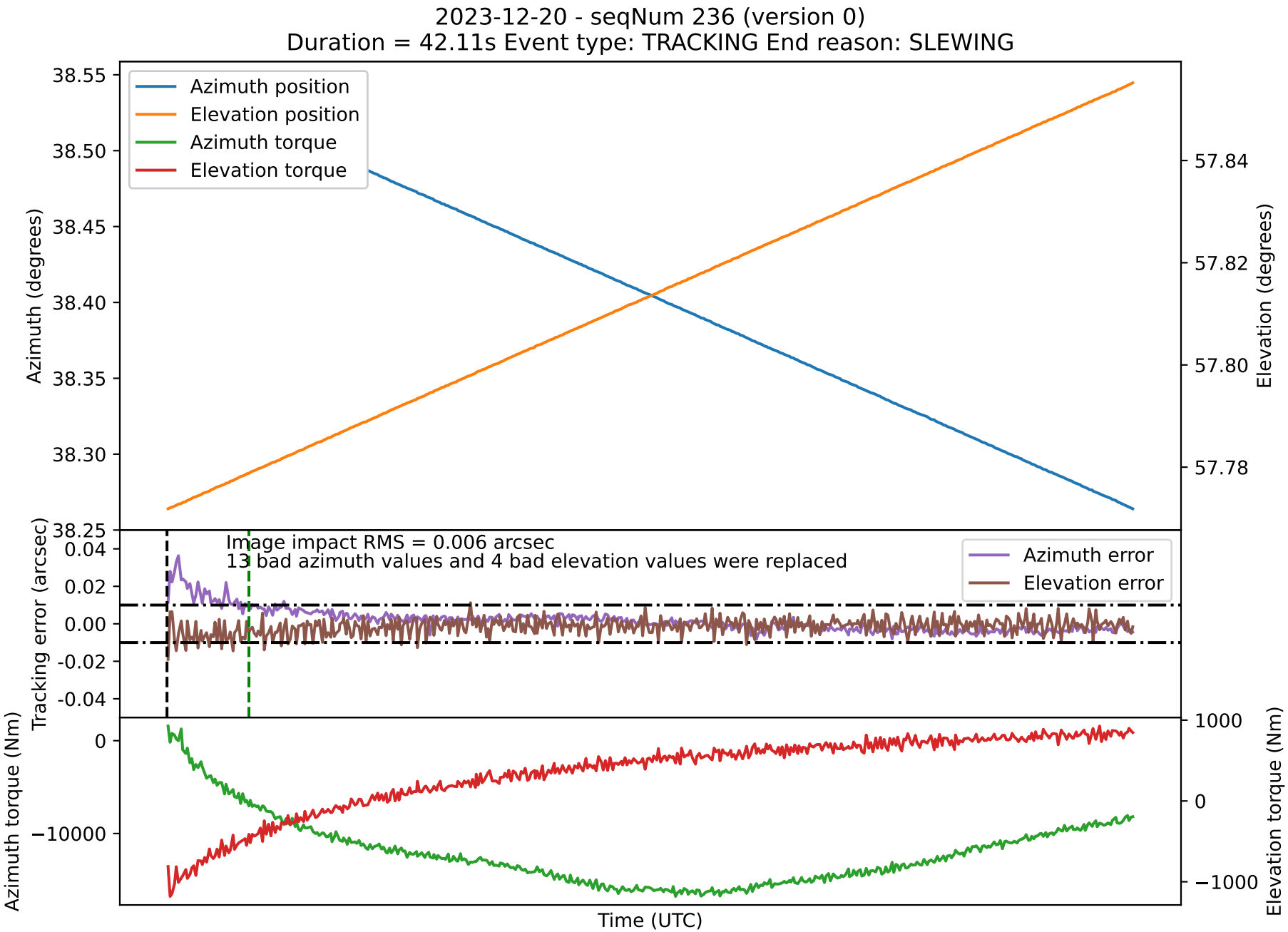

2023-12-20 - seqNum 226 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

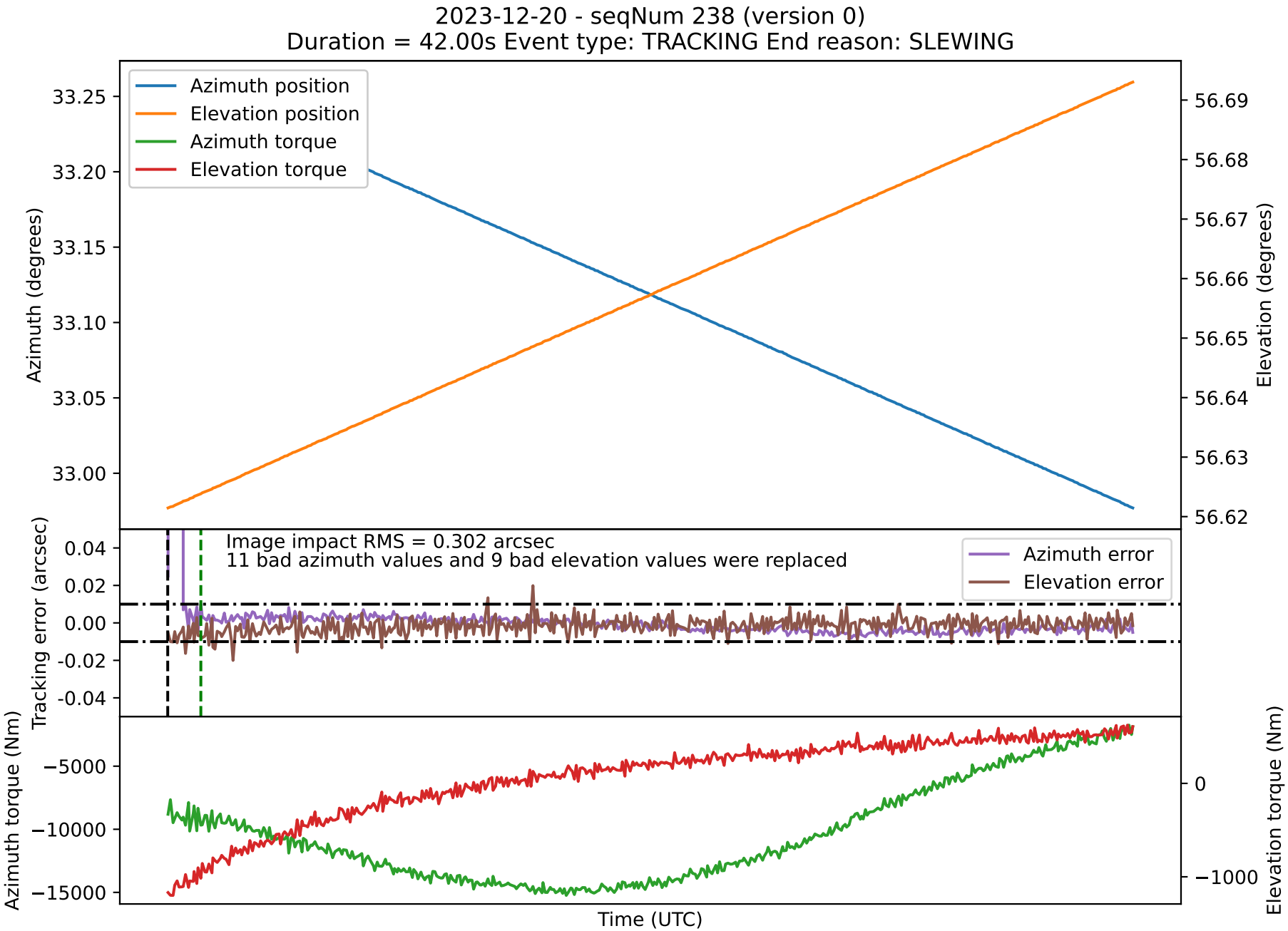

2023-12-20 - seqNum 228 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

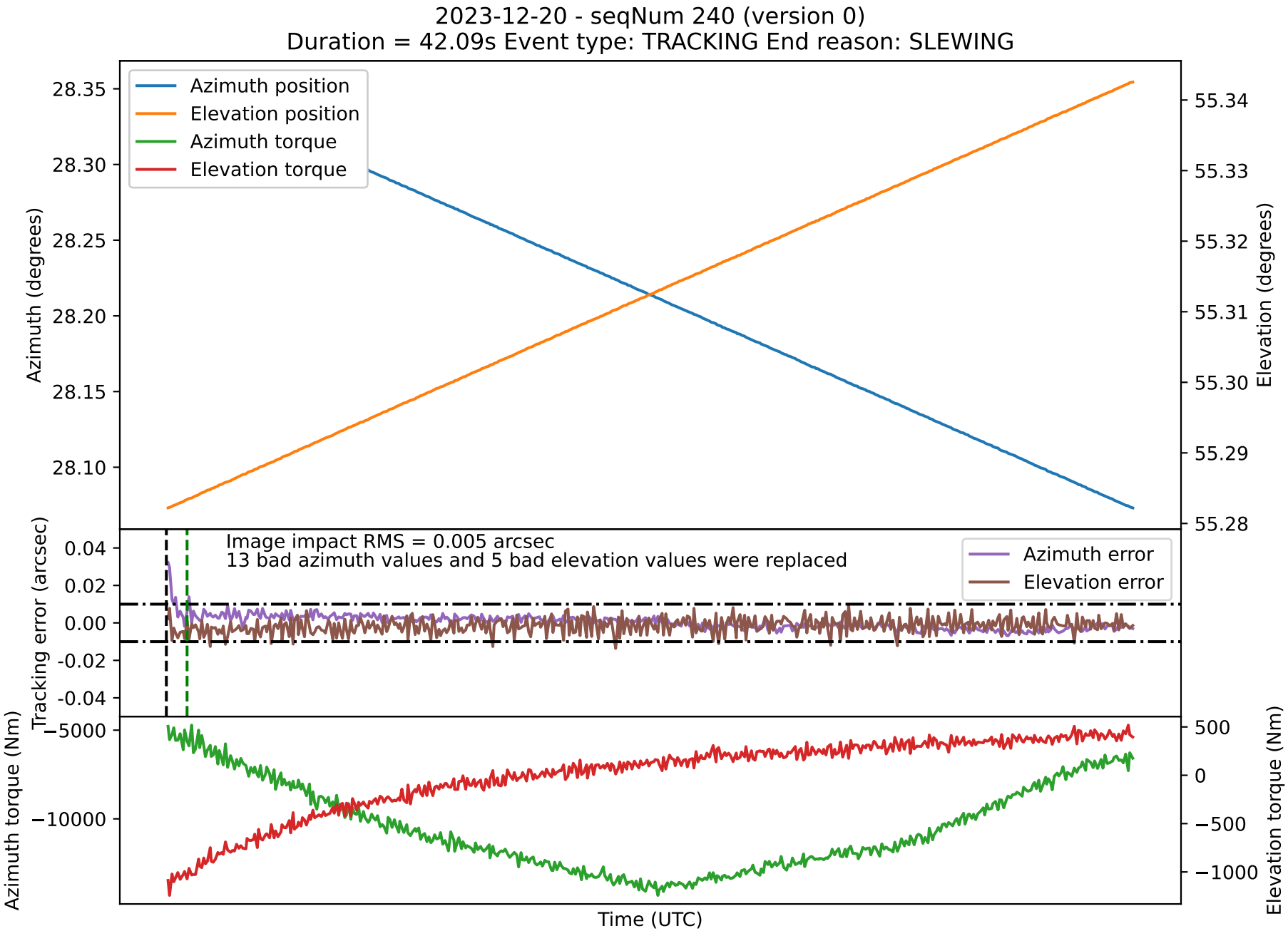

2023-12-20 - seqNum 230 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
28.00
27.95
27.90
27.85
27.80
27.75
27.70
27.65
63.84
63.83
63.82
63.81
63.80
63.79
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
0
−1000
Time (UTC)

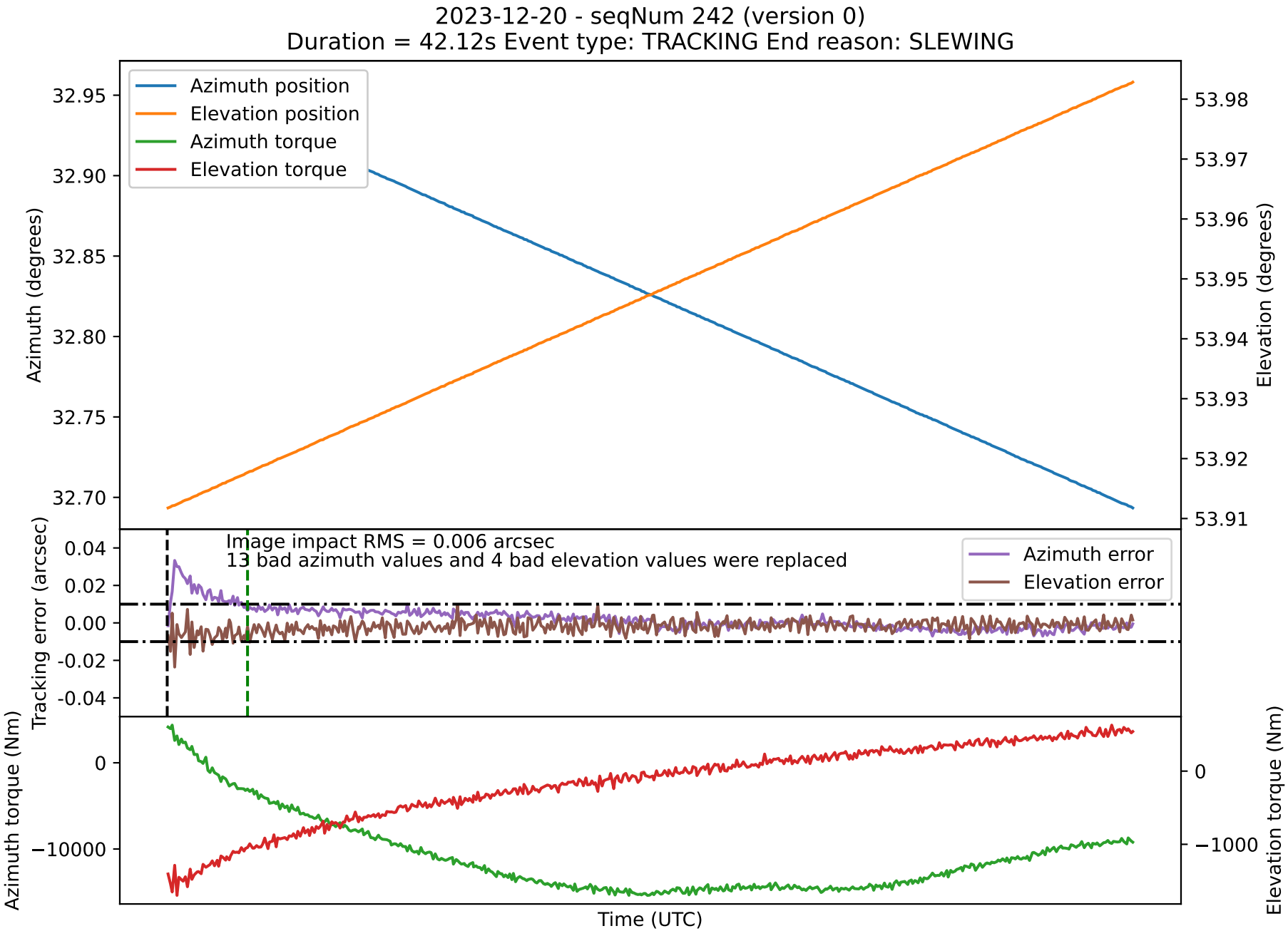

2023-12-20 - seqNum 232 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
33.65
33.60
33.55
33.50
33.45
33.40
33.35
33.30
62.25
62.24
62.23
62.22
62.21
62.20
62.19
62.18
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
0
−1000
−2000
Time (UTC)

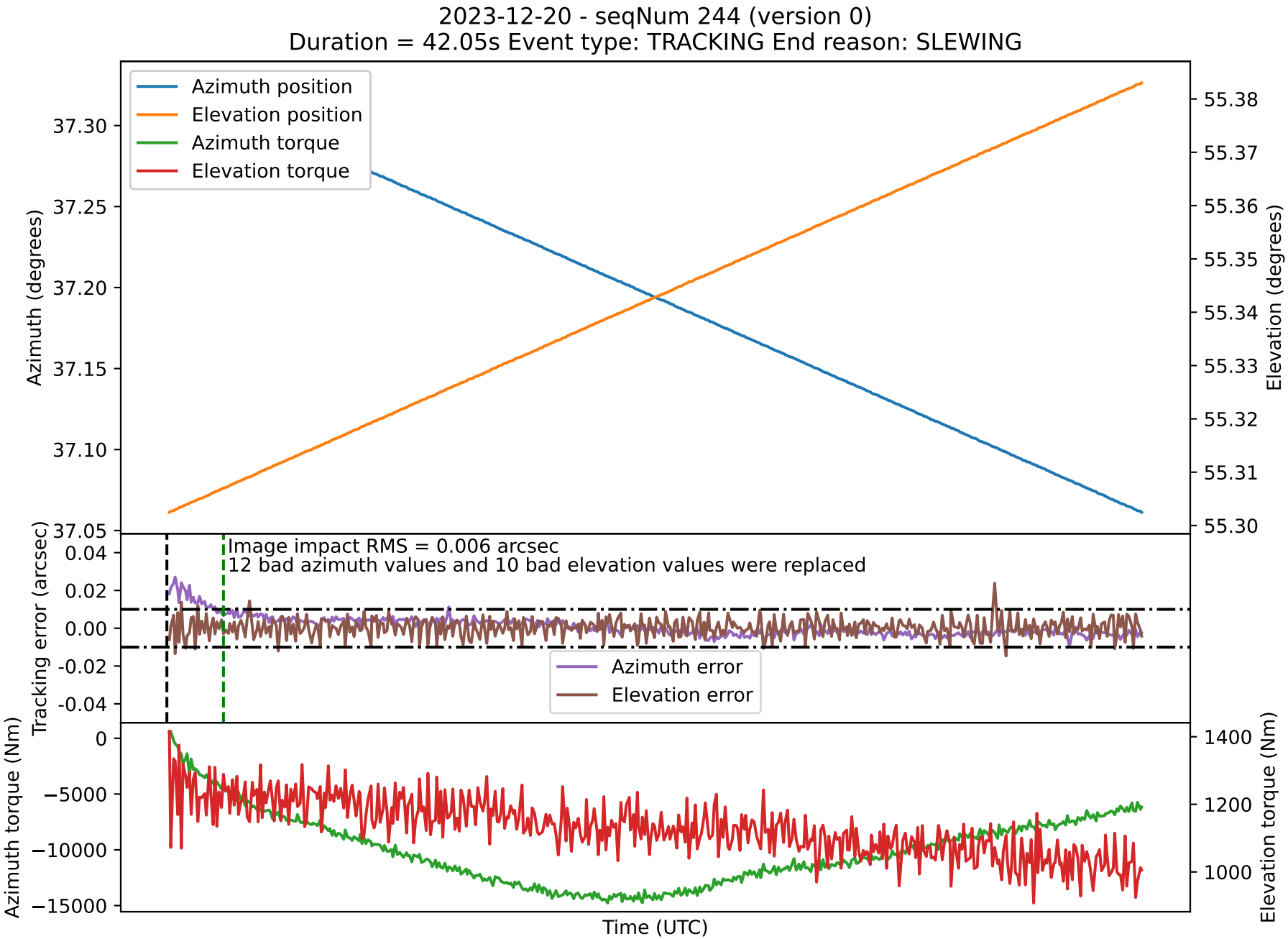

2023-12-20 - seqNum 234 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

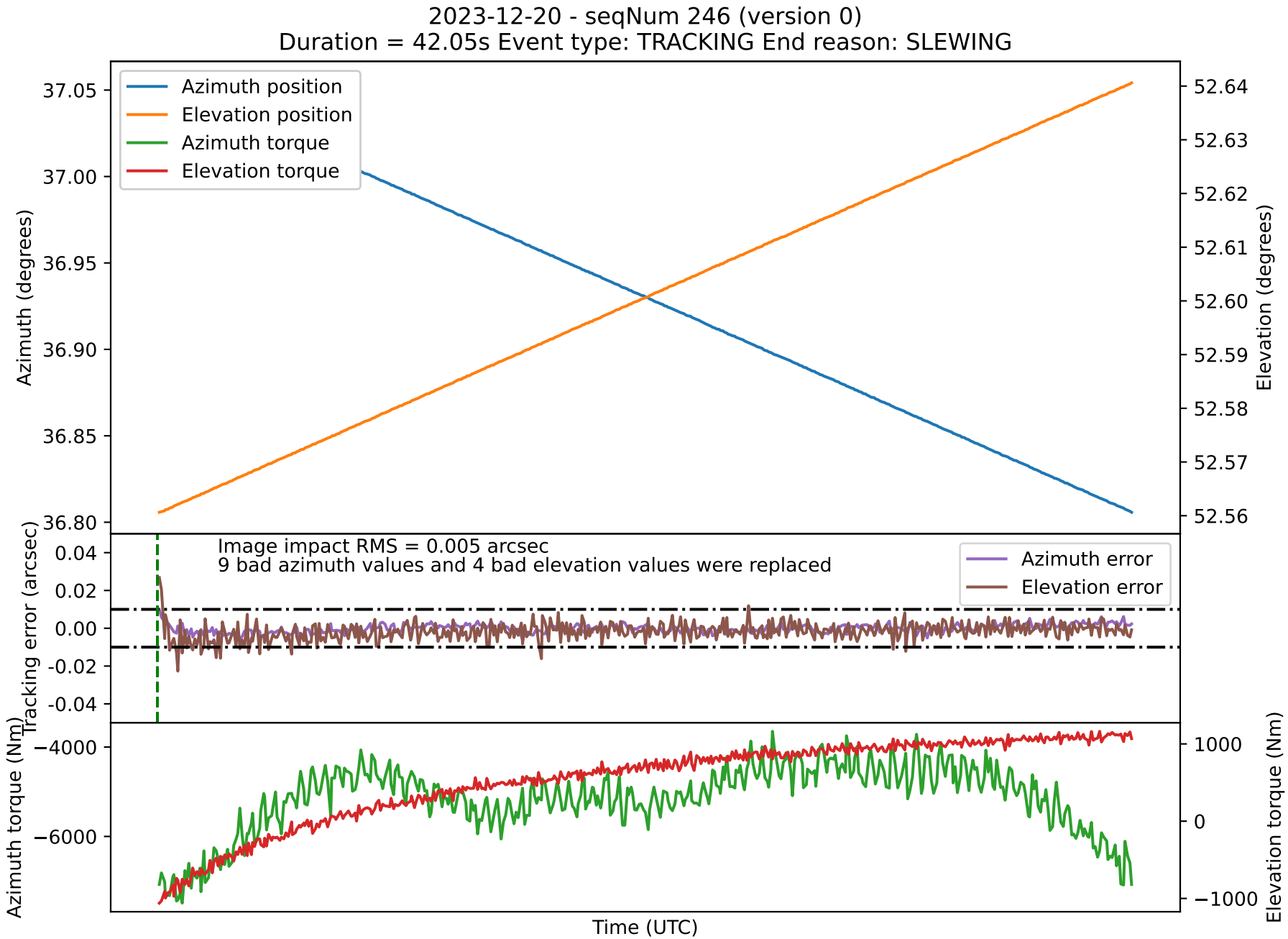

2023-12-20 - seqNum 236 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
38.55
38.50
38.45
38.40
38.35
38.30
38.25
57.84
57.82
57.80
57.78
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
1000
0
−1000
Time (UTC)

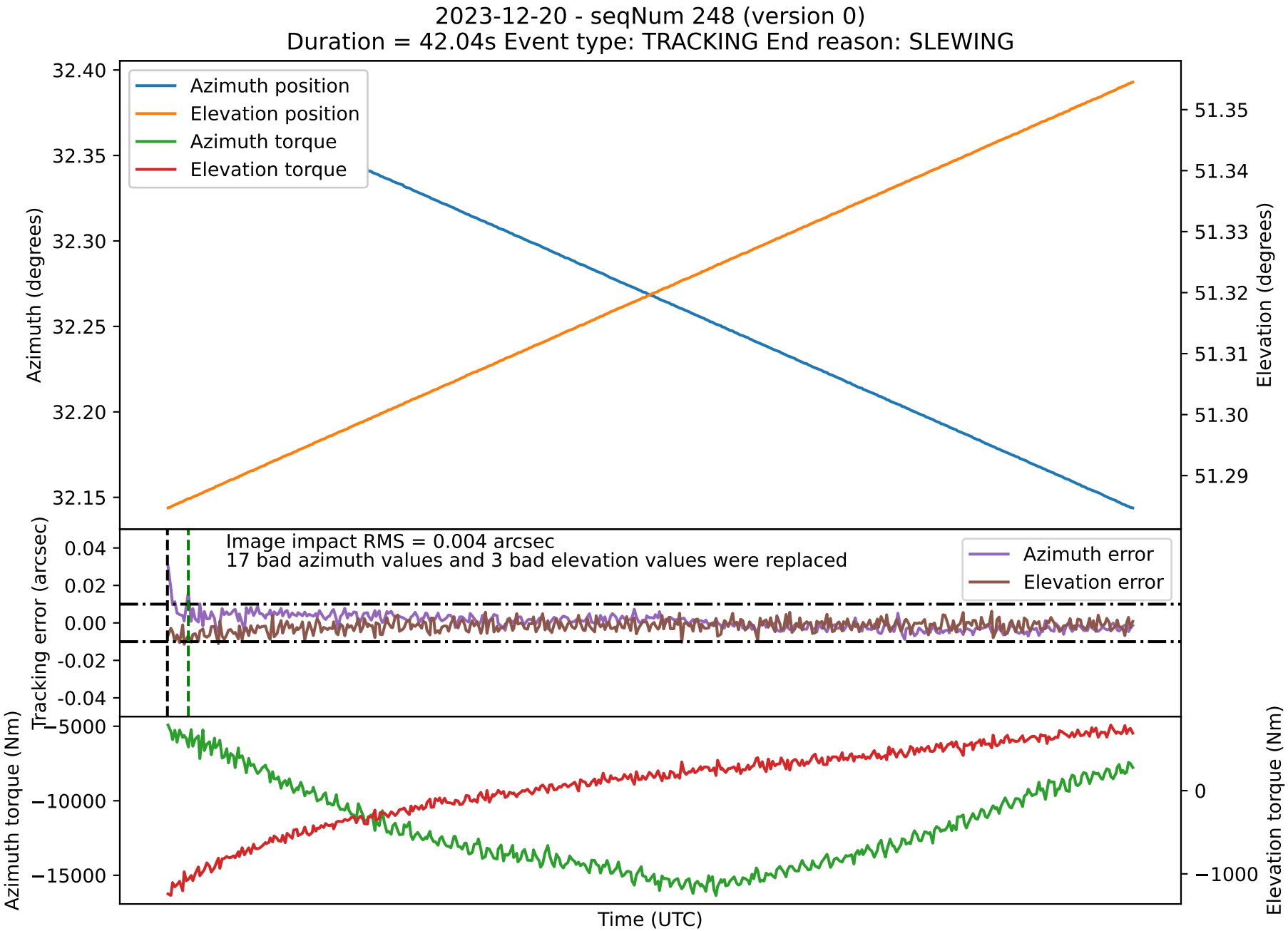

2023-12-20 - seqNum 238 (version 0)
Duration = 42.00s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
33.25
33.20
33.15
33.10
33.05
33.00
56.69
56.68
56.67
56.66
56.65
56.64
56.63
56.62
Image impact RMS = 0.302 arcsec
11 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−1000
Time (UTC)

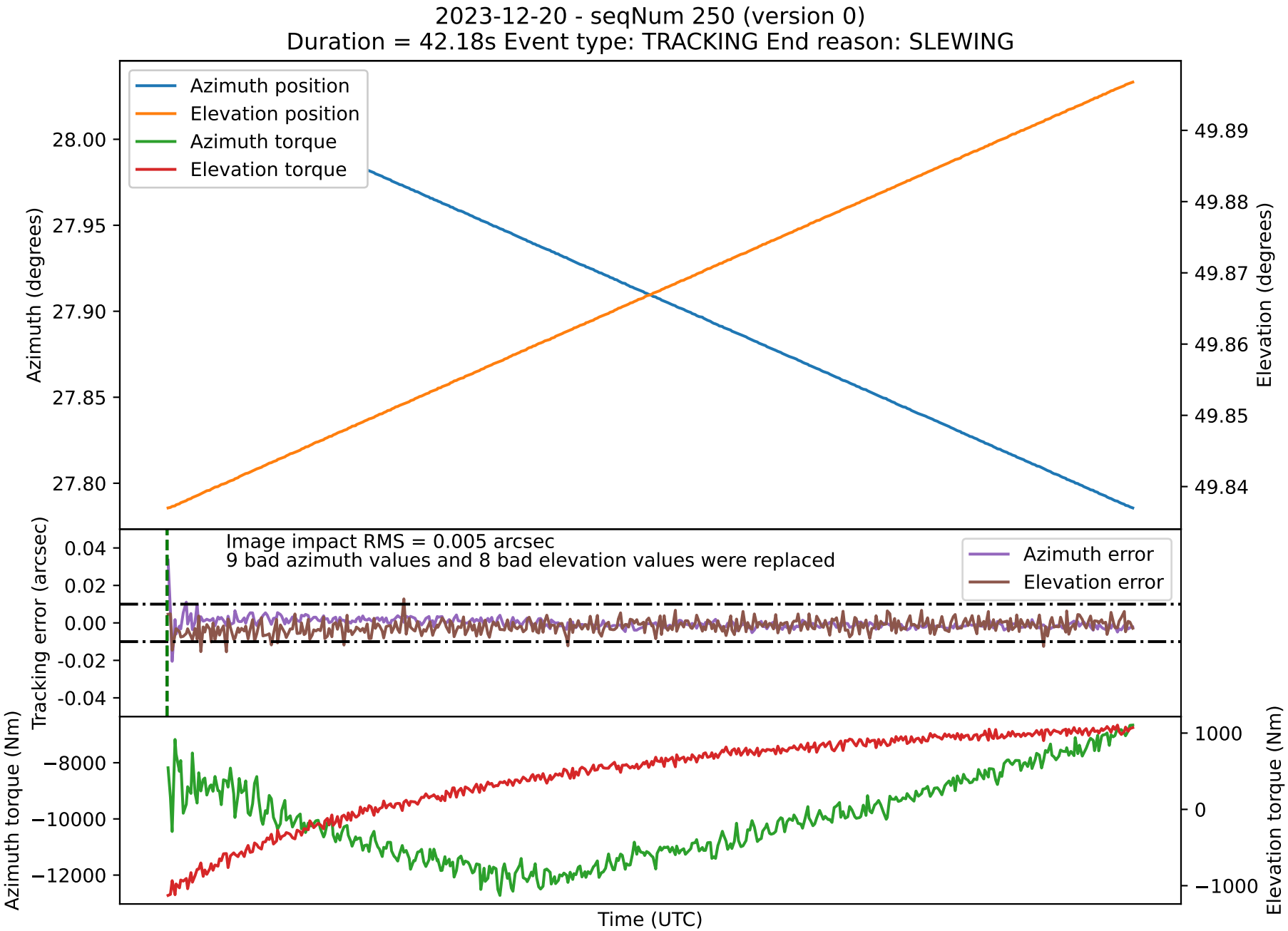

2023-12-20 - seqNum 240 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
28.35
28.30
28.25
28.20
28.15
28.10
55.34
55.33
55.32
55.31
55.30
55.29
55.28
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
500
0
−500
−1000
Time (UTC)

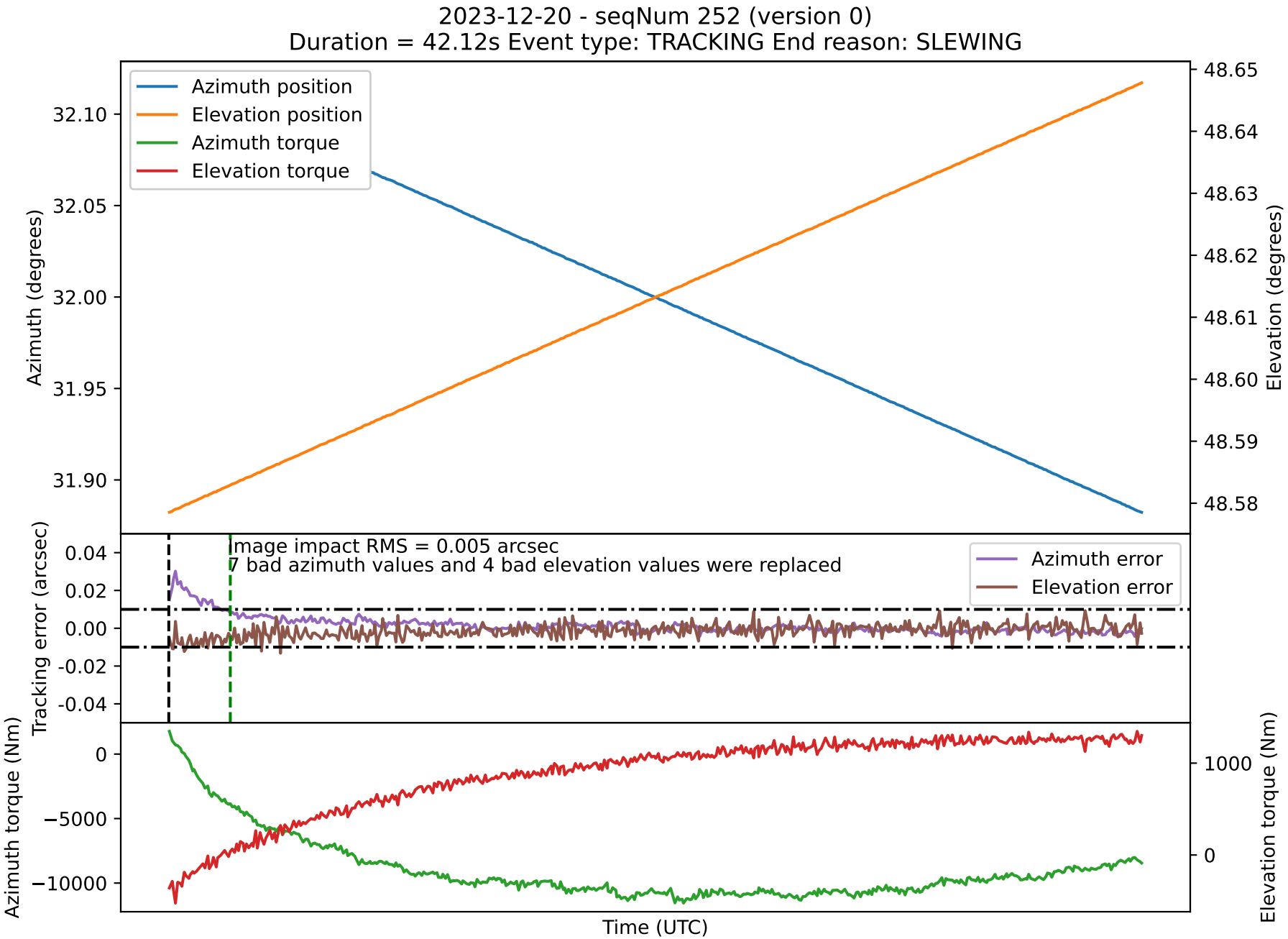

2023-12-20 - seqNum 242 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
32.95
32.90
32.85
32.80
32.75
32.70
53.98
53.97
53.96
53.95
53.94
53.93
53.92
53.91
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
0
−1000
Time (UTC)

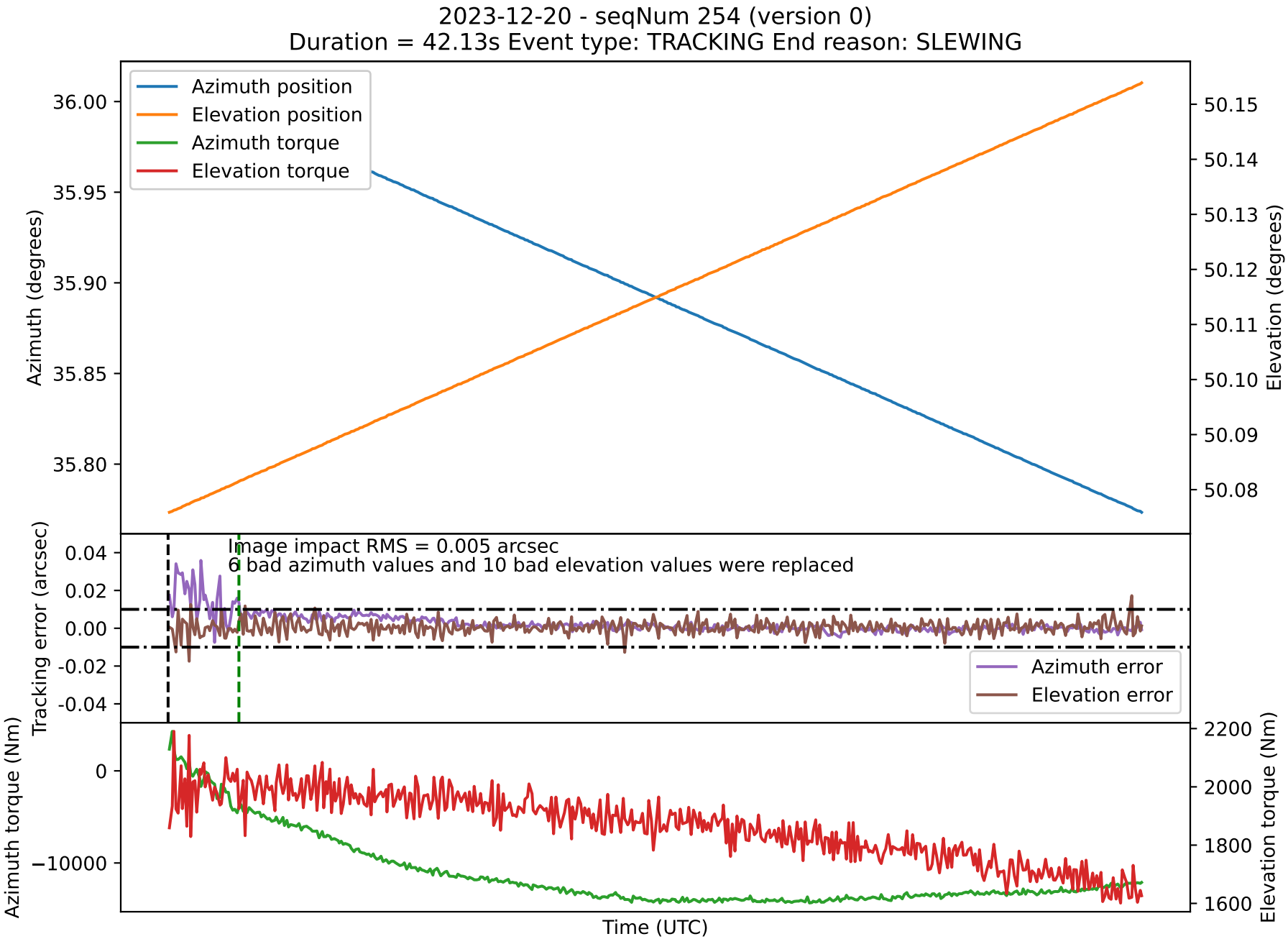

2023-12-20 - seqNum 244 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
12 bad azimuth values and 10 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

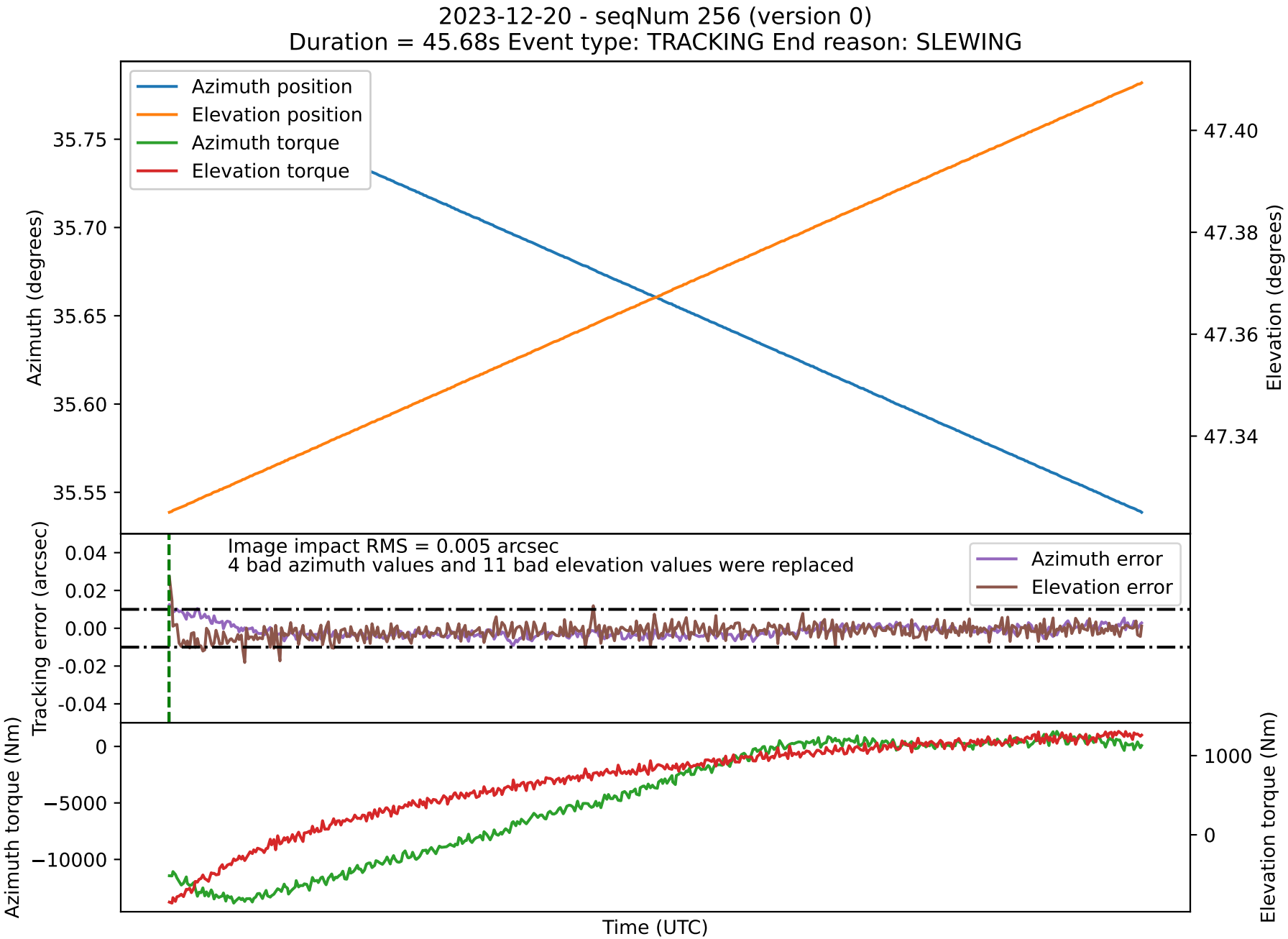

2023-12-20 - seqNum 246 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
37.05
37.00
36.95
36.90
36.85
36.80
52.64
52.63
52.62
52.61
52.60
52.59
52.58
52.57
52.56
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
1000
0
−1000
Time (UTC)

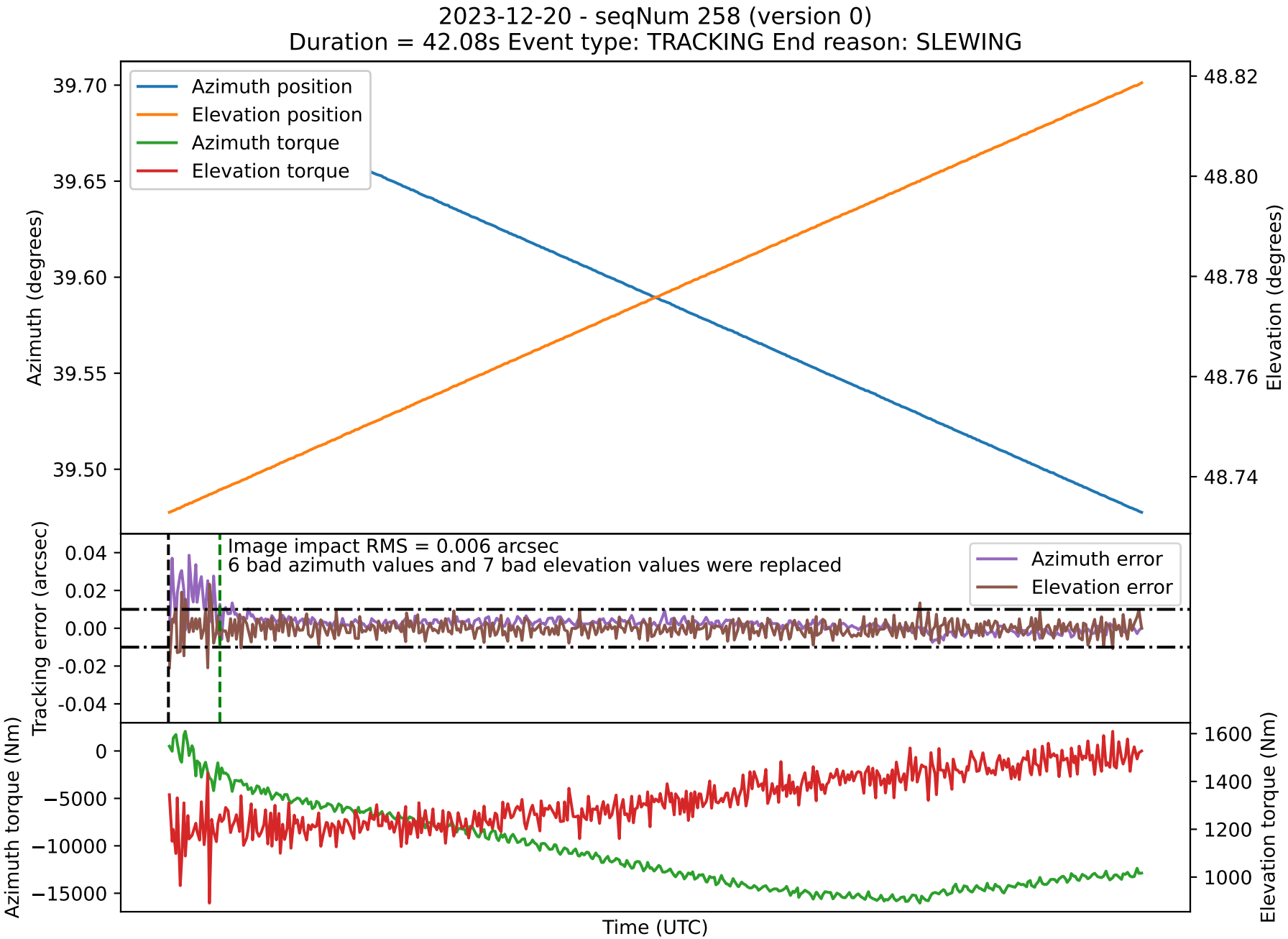

2023-12-20 - seqNum 248 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
32.40
32.35
32.30
32.25
32.20
32.15
51.35
51.34
51.33
51.32
51.31
51.30
51.29
Image impact RMS = 0.004 arcsec
17 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−1000
Time (UTC)

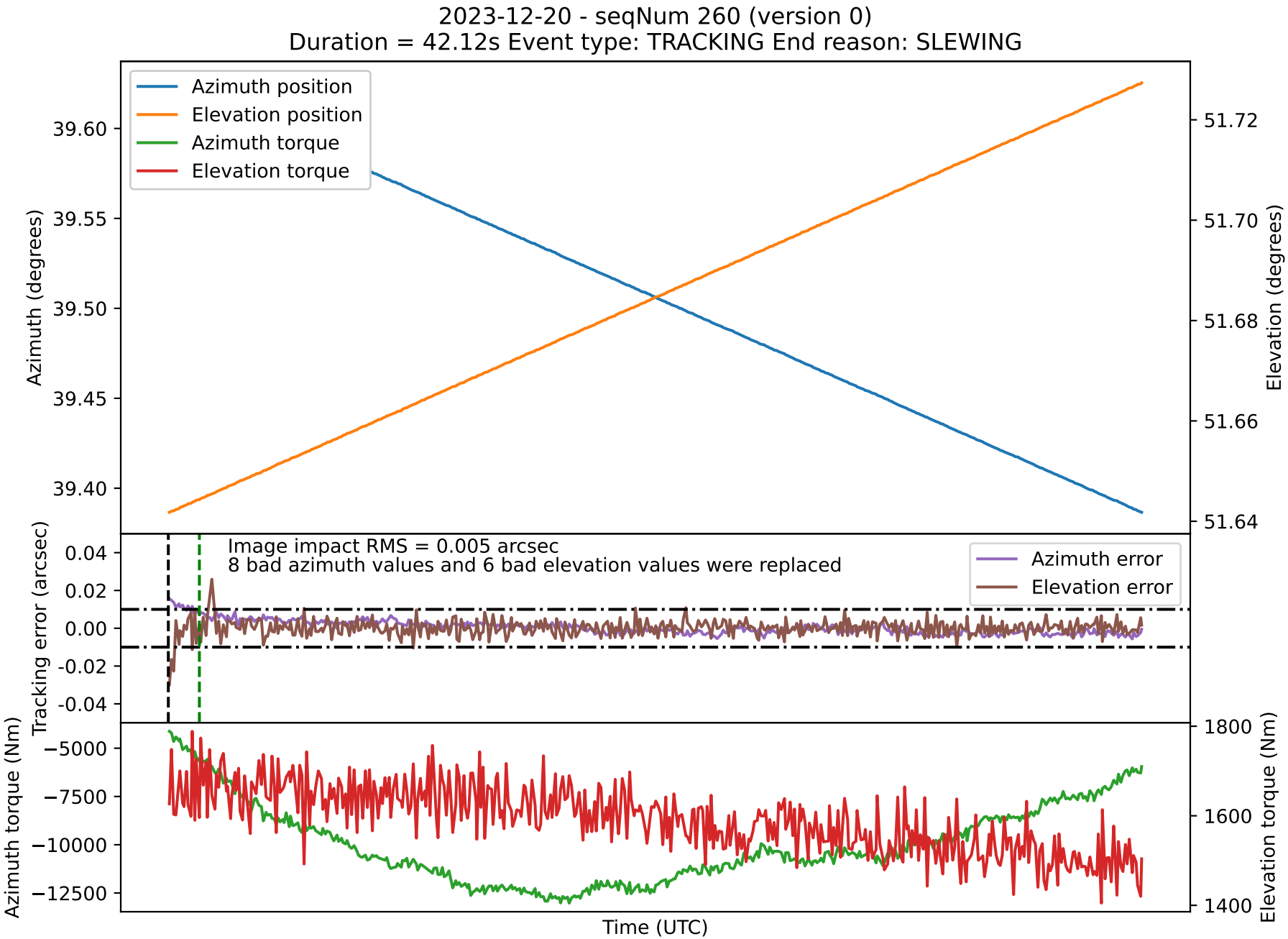

2023-12-20 - seqNum 250 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
28.00
27.95
27.90
27.85
27.80
49.89
49.88
49.87
49.86
49.85
49.84
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
1000
0
−1000
Time (UTC)

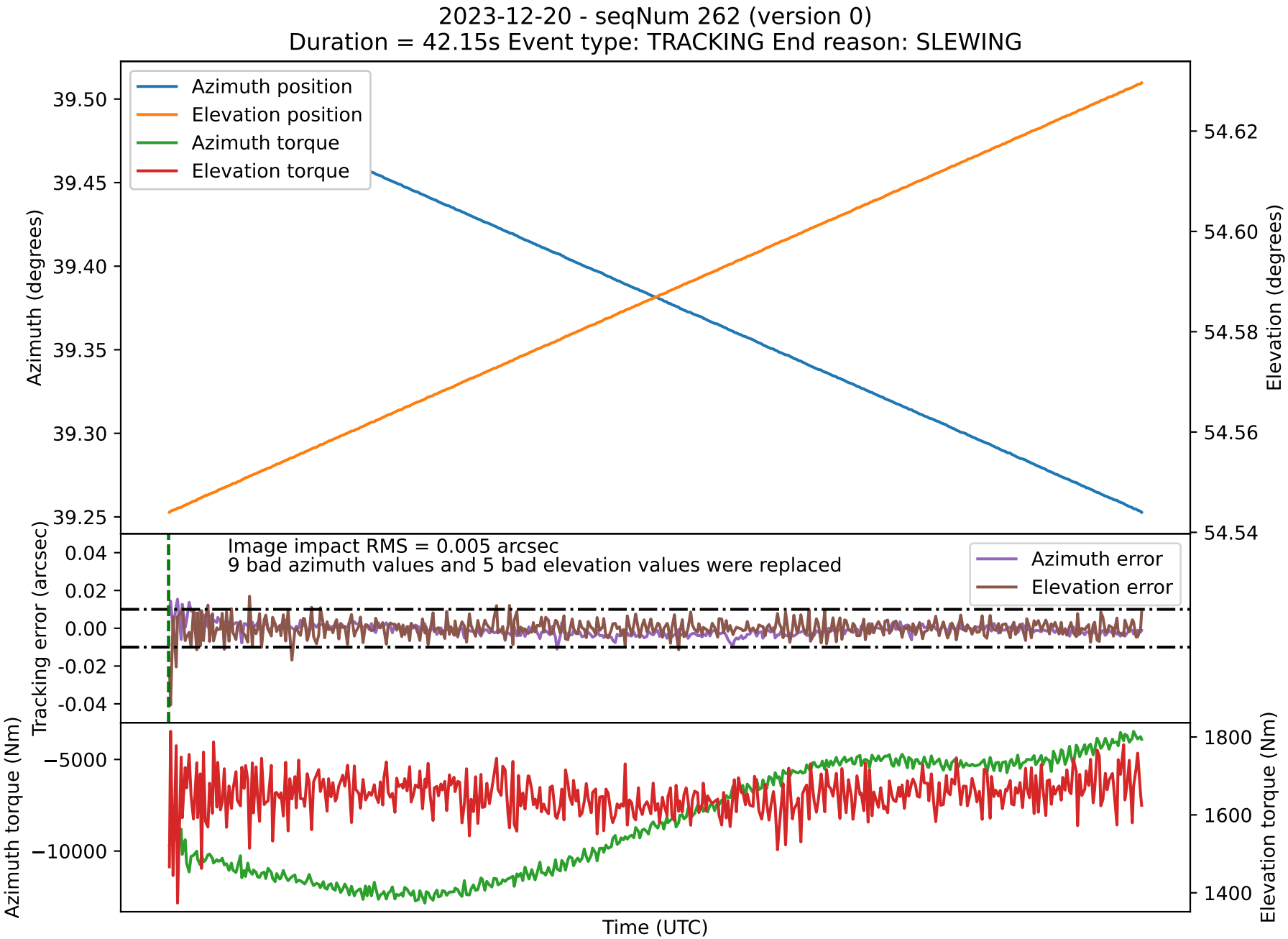

2023-12-20 - seqNum 252 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
32.10
32.05
32.00
31.95
31.90
48.65
48.64
48.63
48.62
48.61
48.60
48.59
48.58
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
1000
0
Time (UTC)

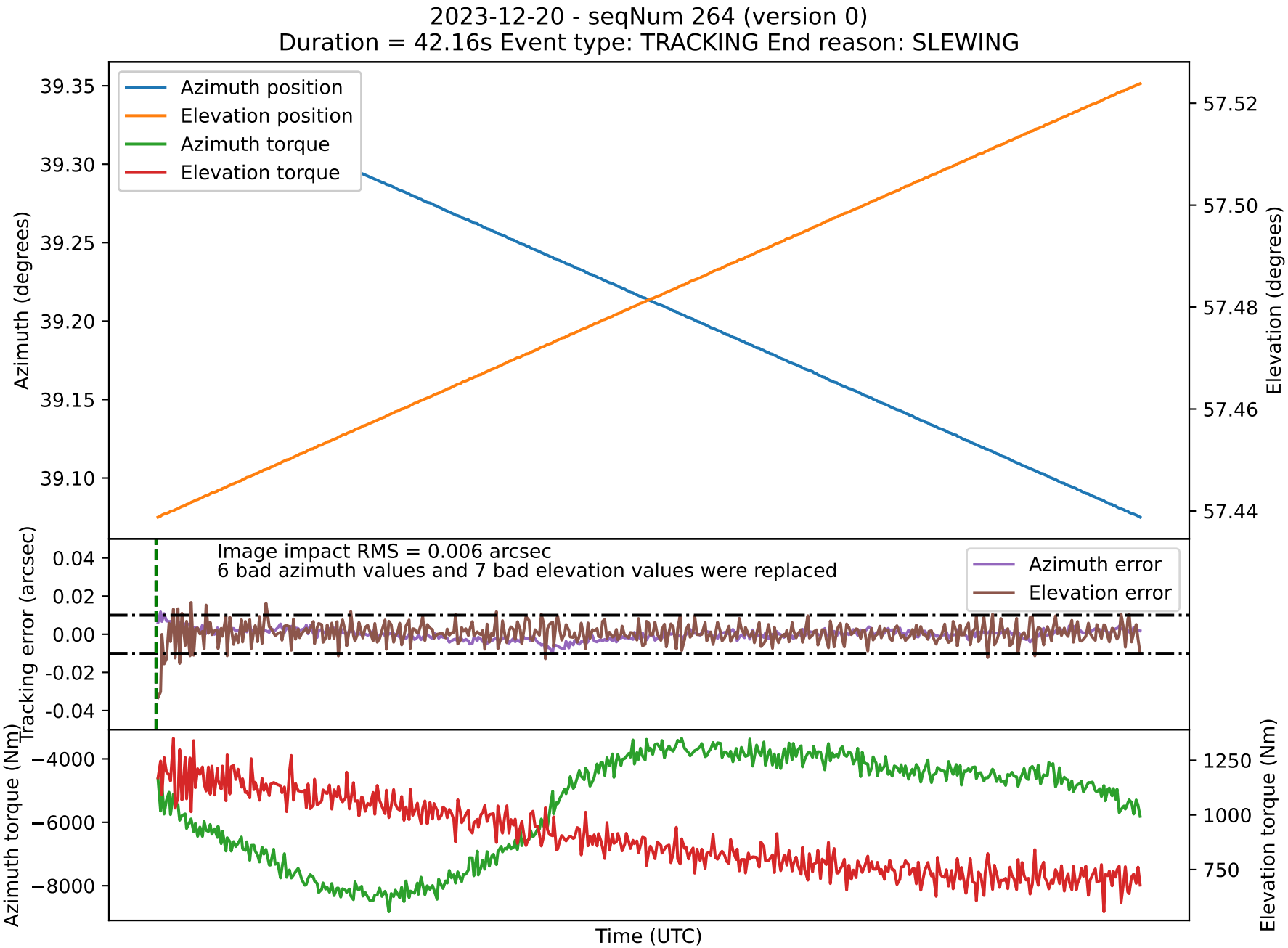

2023-12-20 - seqNum 254 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
36.00
35.95
35.90
35.85
35.80
50.15
50.14
50.13
50.12
50.11
50.10
50.09
50.08
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 10 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
2200
2000
1800
1600
Time (UTC)

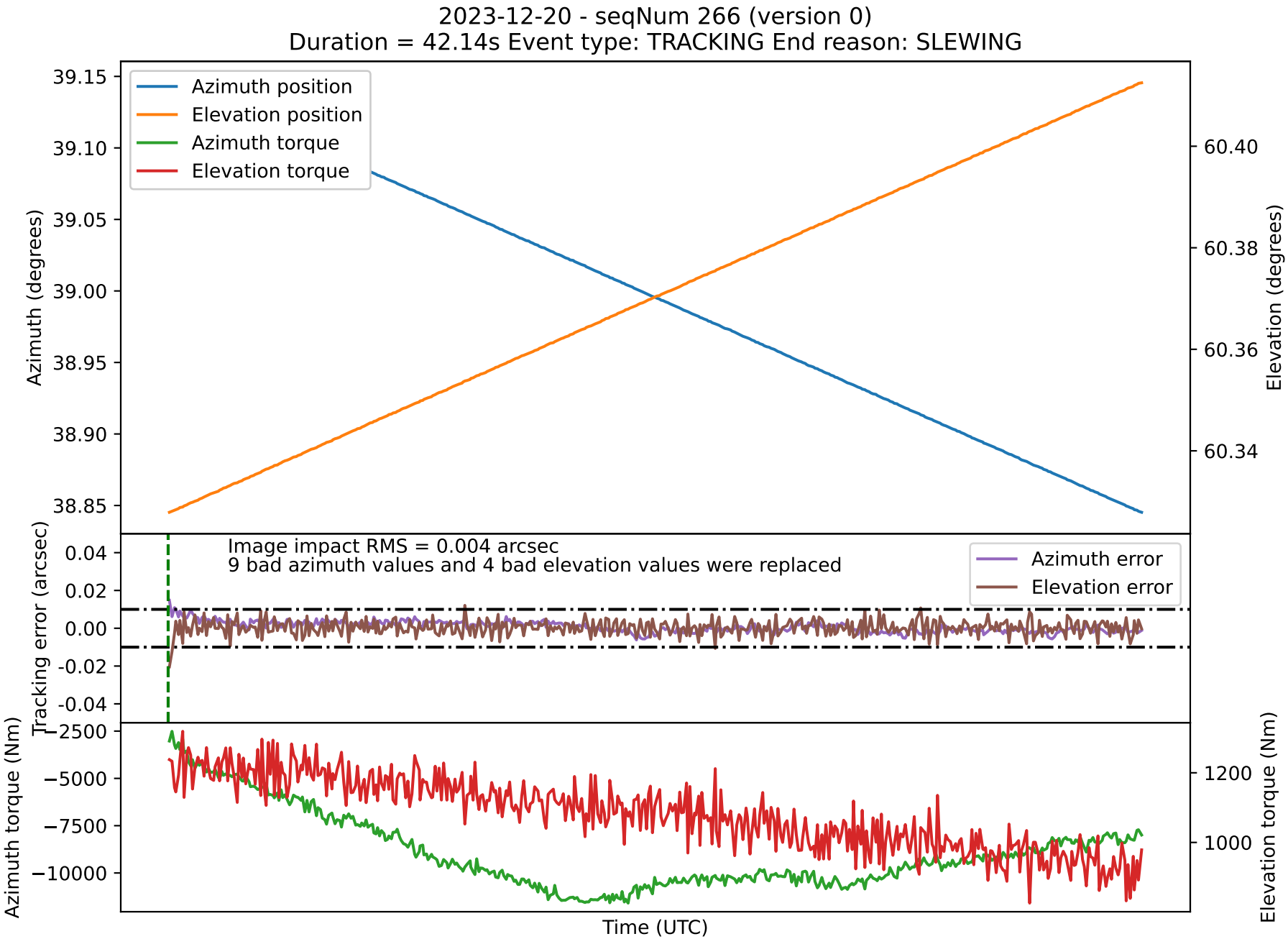

2023-12-20 - seqNum 256 (version 0)
Duration = 45.68s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
35.75
35.70
35.65
35.60
35.55
47.40
47.38
47.36
47.34
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
1000
0
Time (UTC)

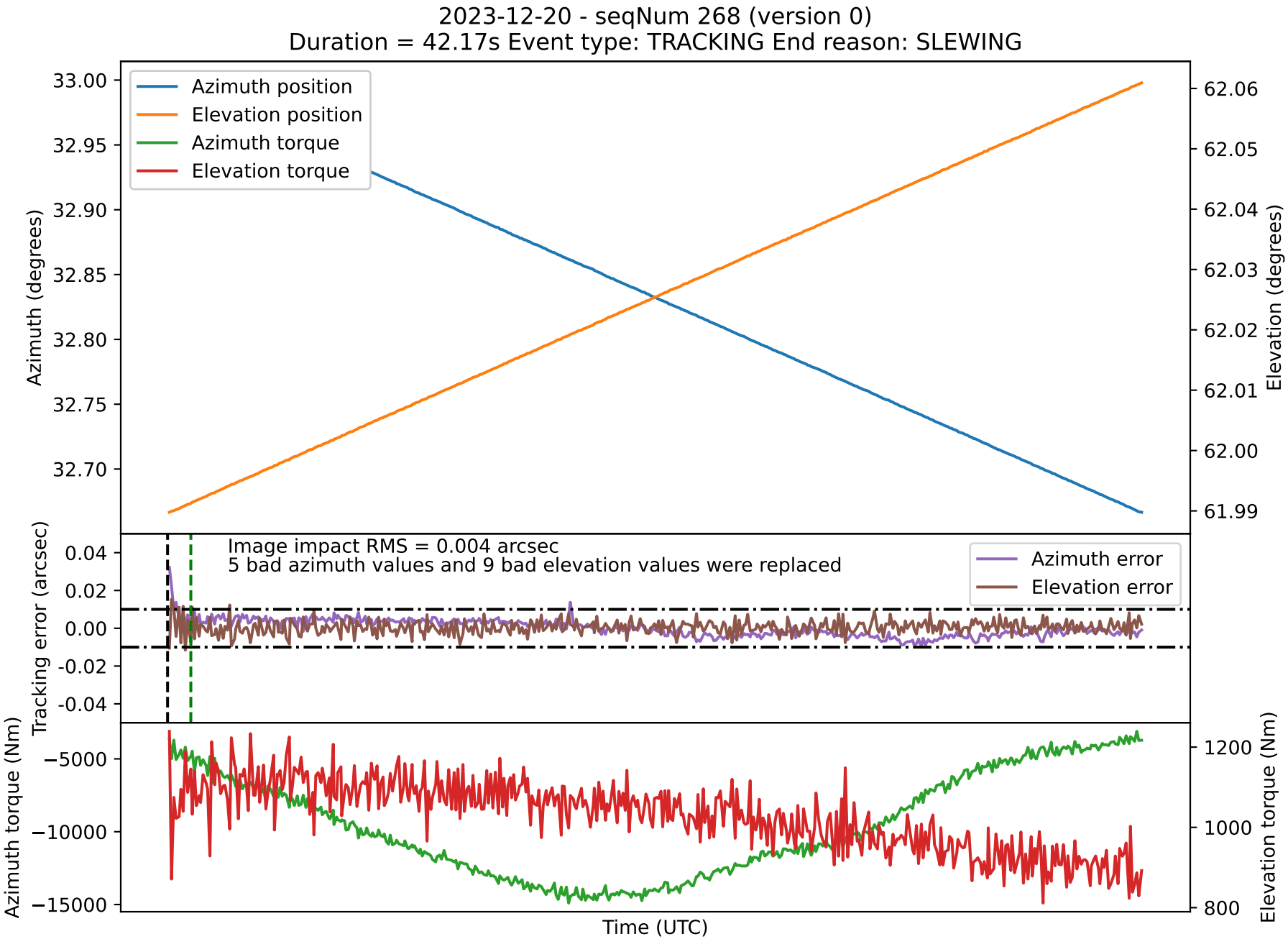

2023-12-20 - seqNum 258 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
39.70
39.65
39.60
39.55
39.50
48.82
48.80
48.78
48.76
48.74
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
1600
1400
1200
1000
Time (UTC)

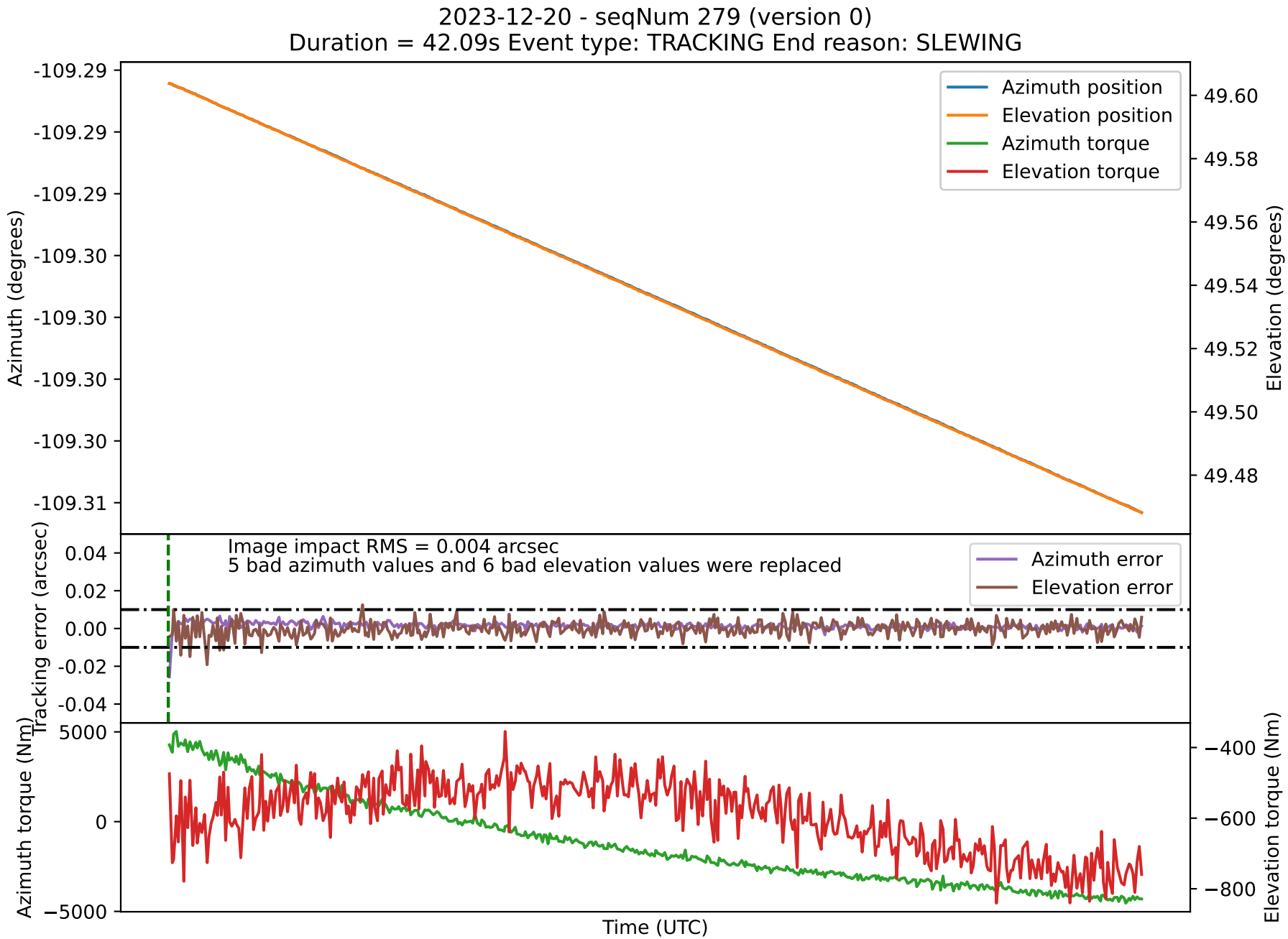

2023-12-20 - seqNum 260 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
39.60
39.55
39.50
39.45
39.40
51.72
51.70
51.68
51.66
51.64
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
1800
1600
1400
Time (UTC)

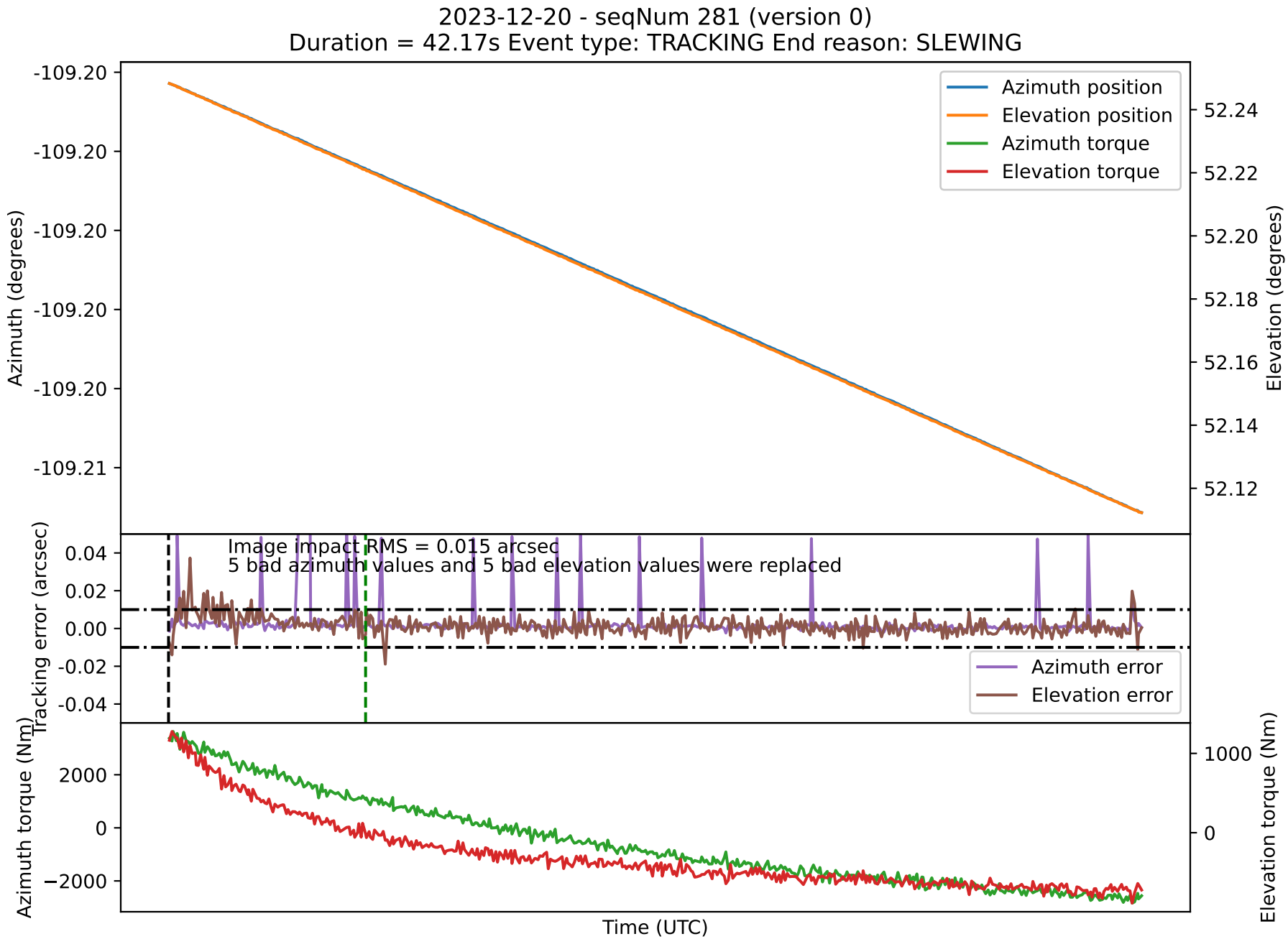

2023-12-20 - seqNum 262 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
39.50
39.45
39.40
39.35
39.30
39.25
54.62
54.60
54.58
54.56
54.54
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
1800
1600
1400
Time (UTC)

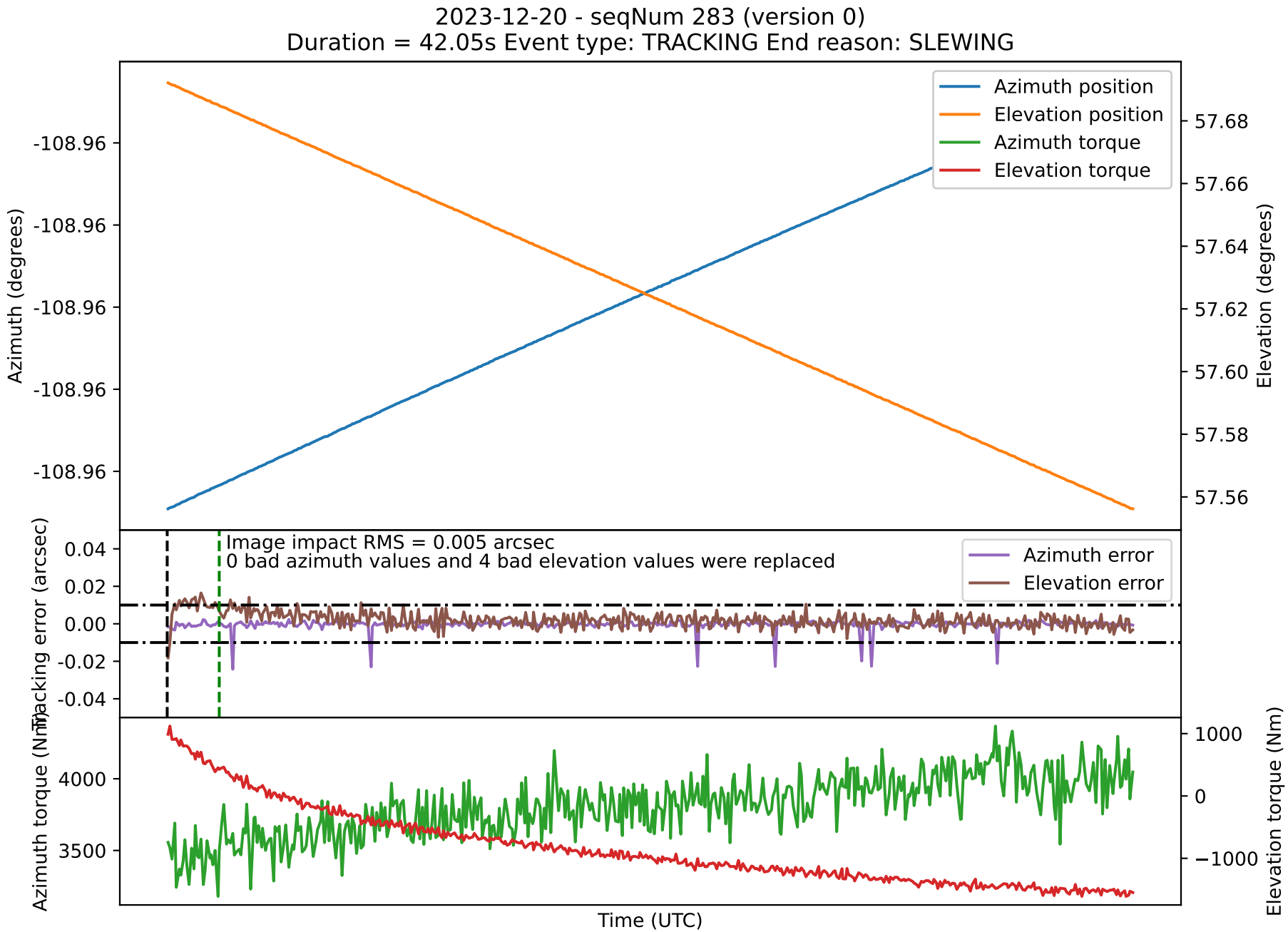

2023-12-20 - seqNum 264 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
39.35
39.30
39.25
39.20
39.15
39.10
57.52
57.50
57.48
57.46
57.44
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
−8000
1250
1000
750
Time (UTC)

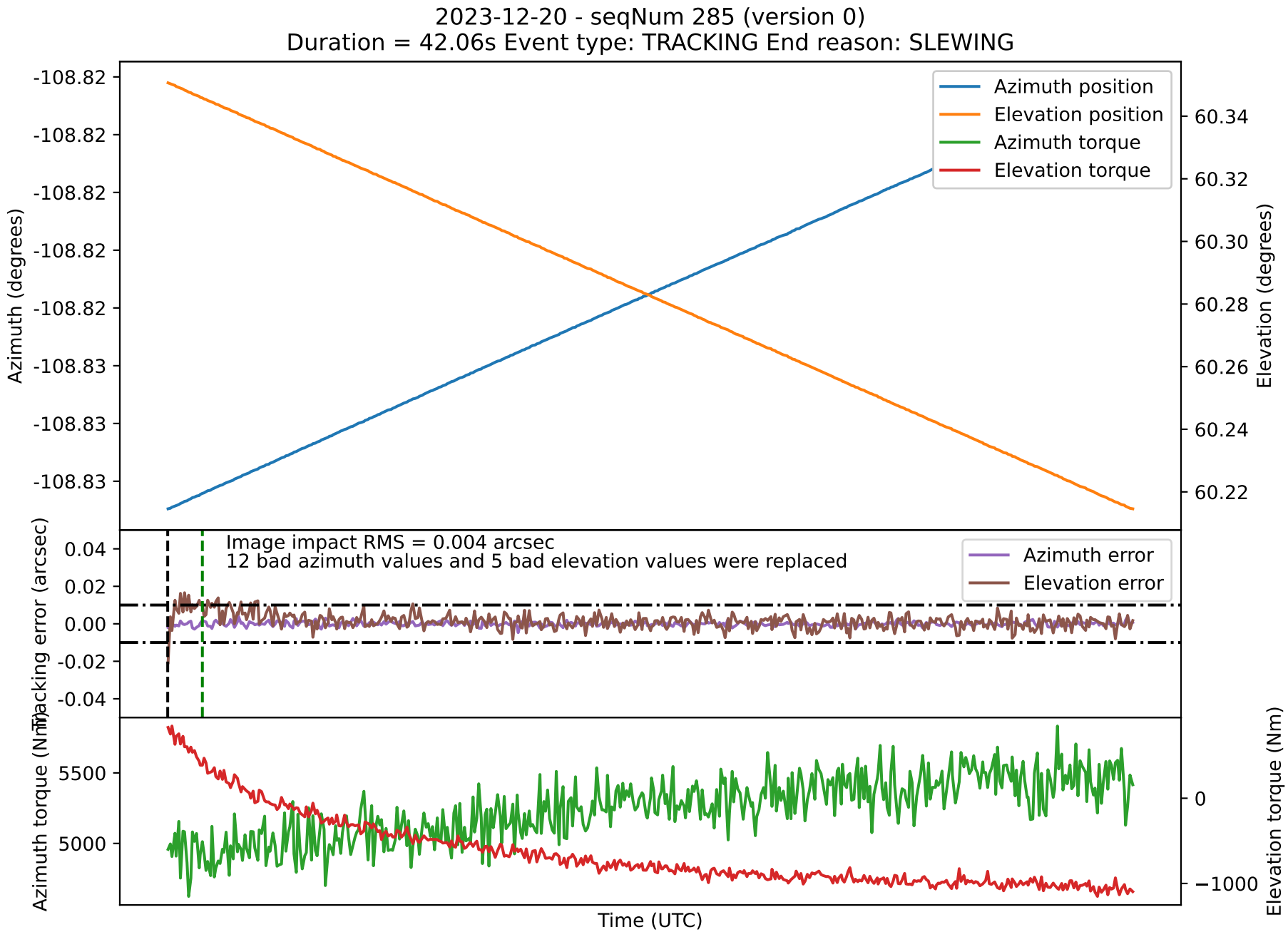

2023-12-20 - seqNum 266 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

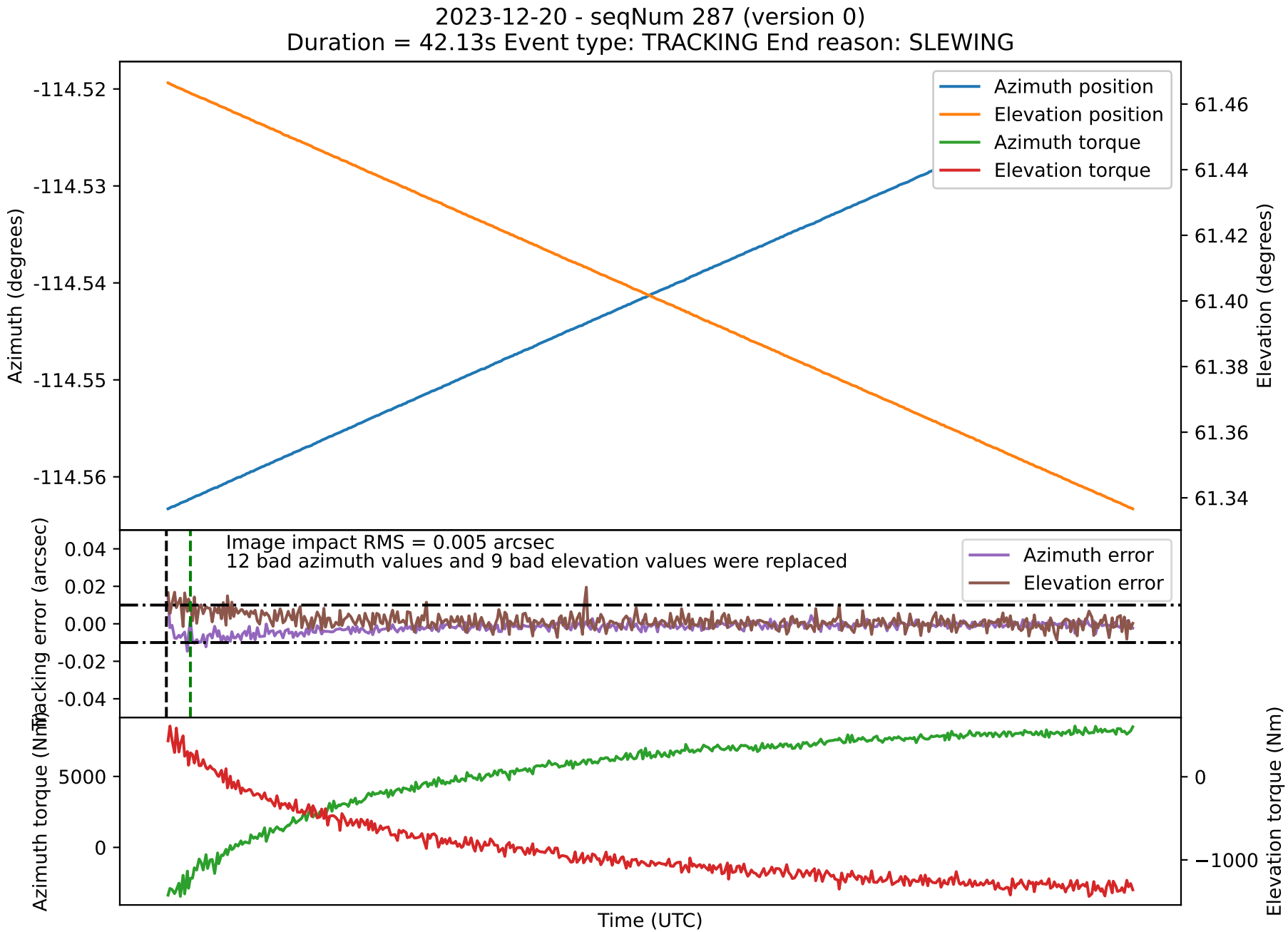

2023-12-20 - seqNum 268 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
33.00
32.95
32.90
32.85
32.80
32.75
32.70
62.06
62.05
62.04
62.03
62.02
62.01
62.00
61.99
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
1200
1000
800
Time (UTC)

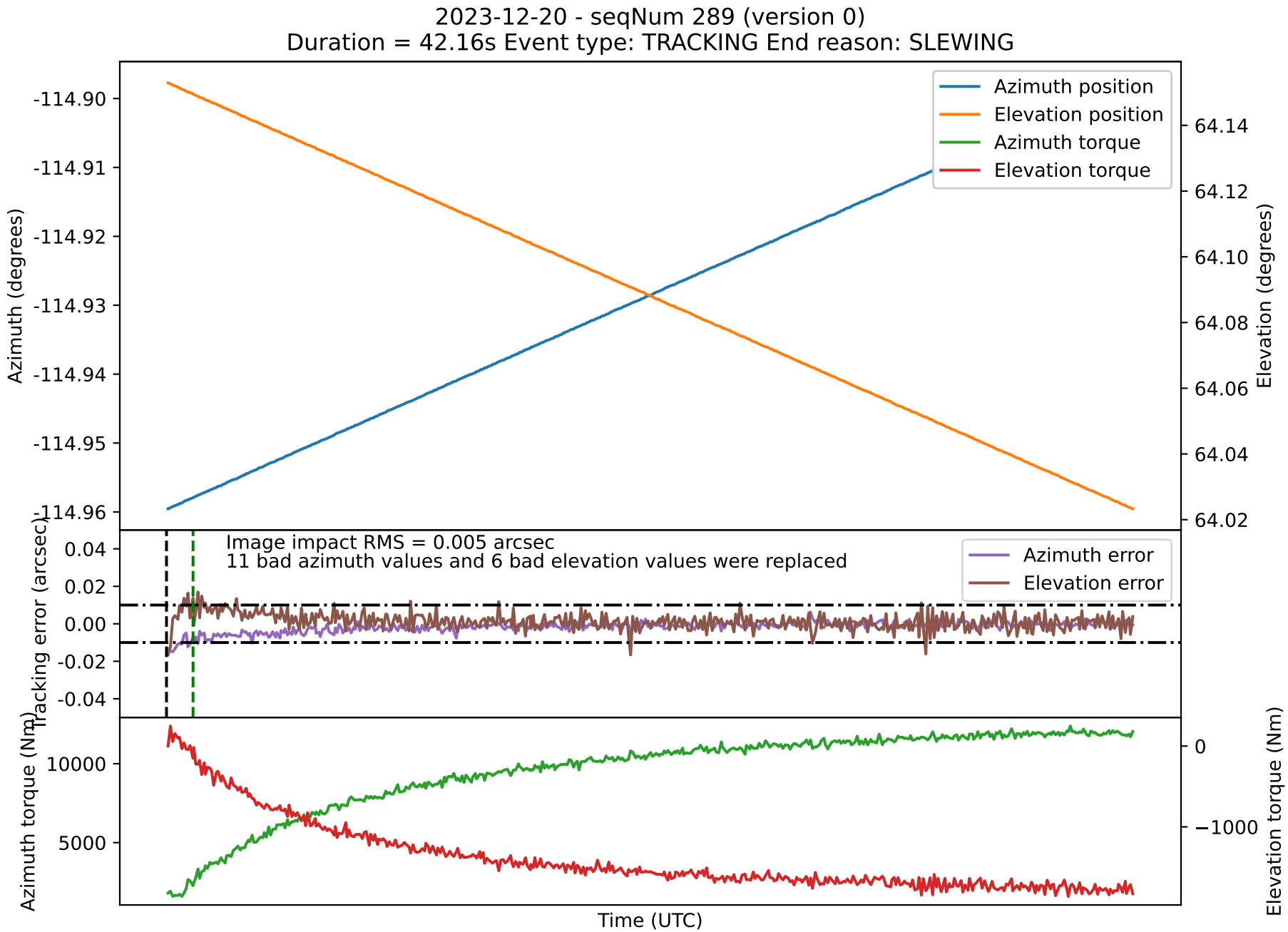

2023-12-20 - seqNum 279 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-109.29
-109.29
-109.29
-109.30
-109.30
-109.30
-109.30
-109.31
49.60
49.58
49.56
49.54
49.52
49.50
49.48
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−400
−600
−800
Time (UTC)

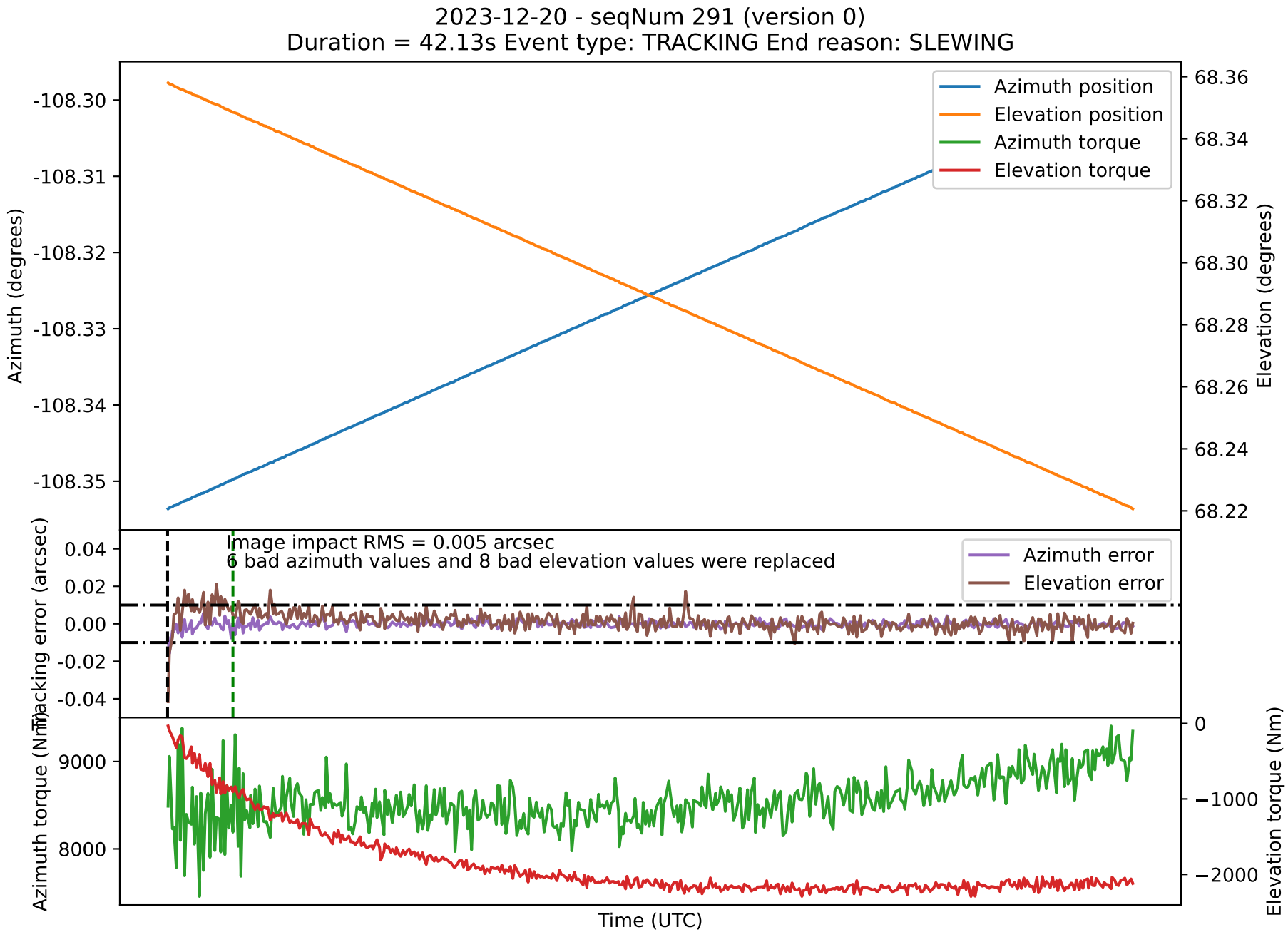

2023-12-20 - seqNum 281 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-109.20
-109.20
-109.20
-109.20
-109.20
-109.21
52.24
52.22
52.20
52.18
52.16
52.14
52.12
Image impact RMS = 0.015 arcsec
5 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
2000
0
−2000
1000
0
Time (UTC)

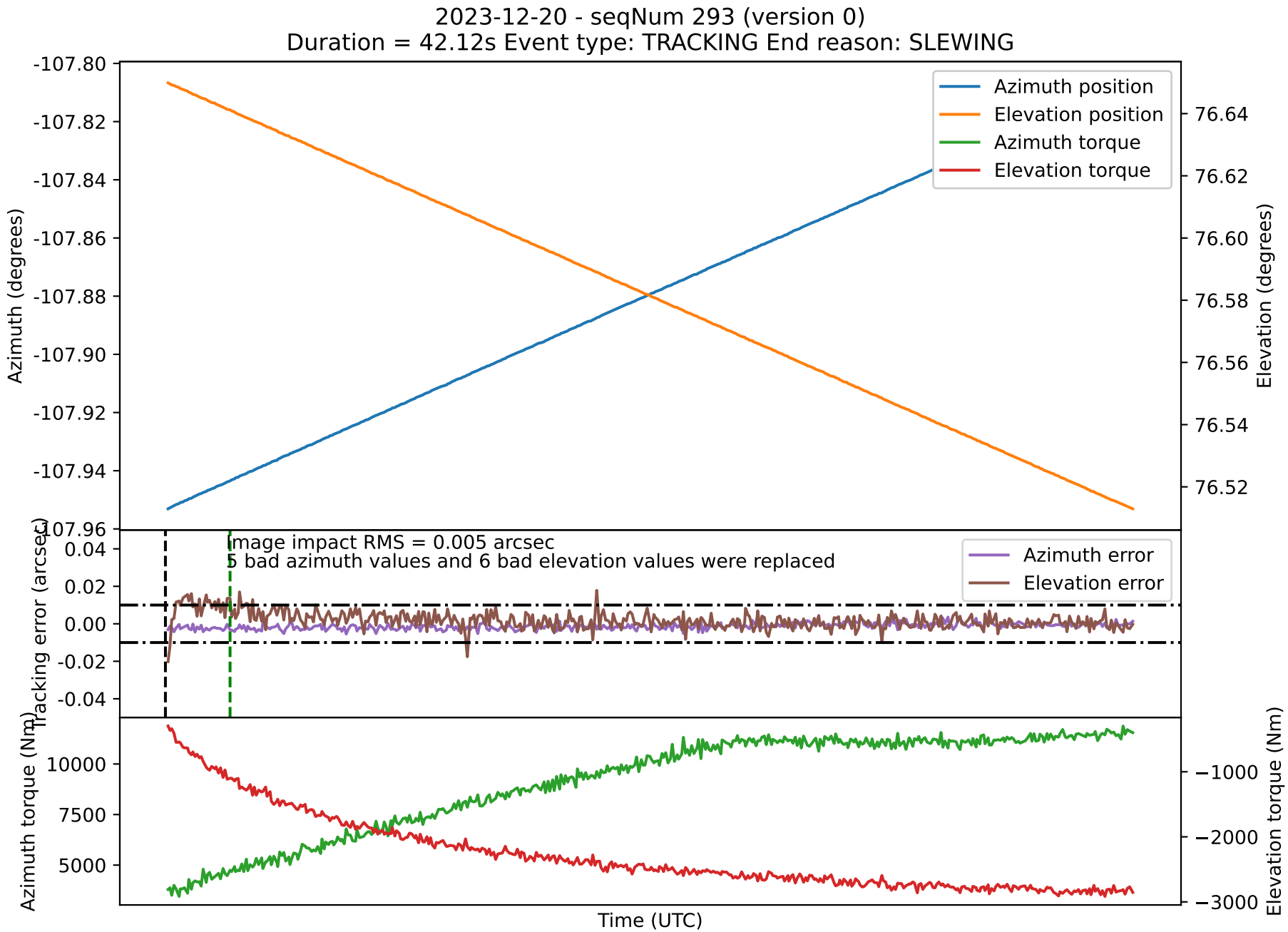

2023-12-20 - seqNum 283 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-108.96
57.68
57.66
57.64
57.62
57.60
57.58
57.56
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
4000
3500
1000
0
−1000
Time (UTC)

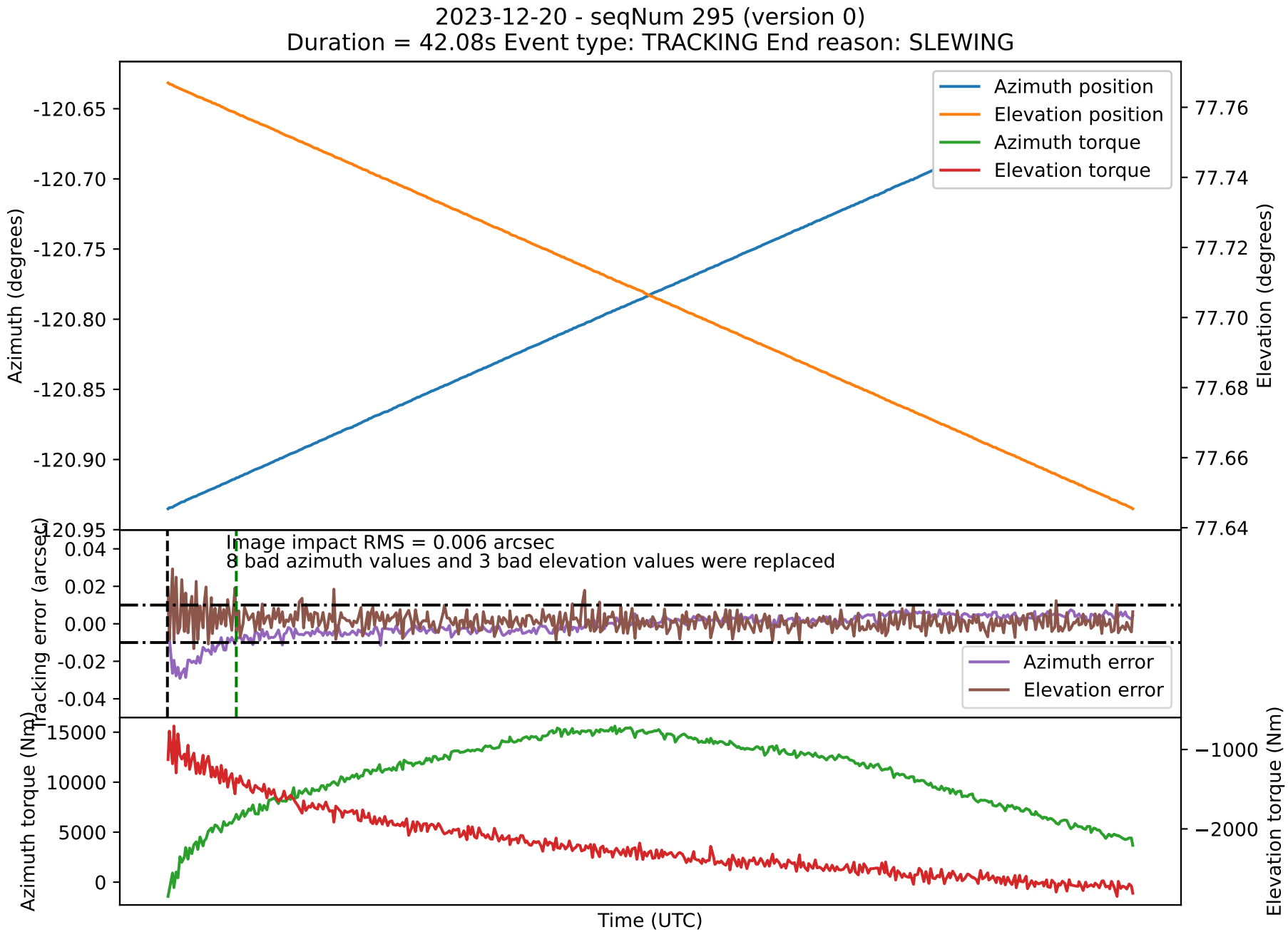

2023-12-20 - seqNum 285 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-108.82
-108.82
-108.82
-108.82
-108.82
-108.83
-108.83
-108.83
60.34
60.32
60.30
60.28
60.26
60.24
60.22
Image impact RMS = 0.004 arcsec
12 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5500
5000
0
−1000
Time (UTC)

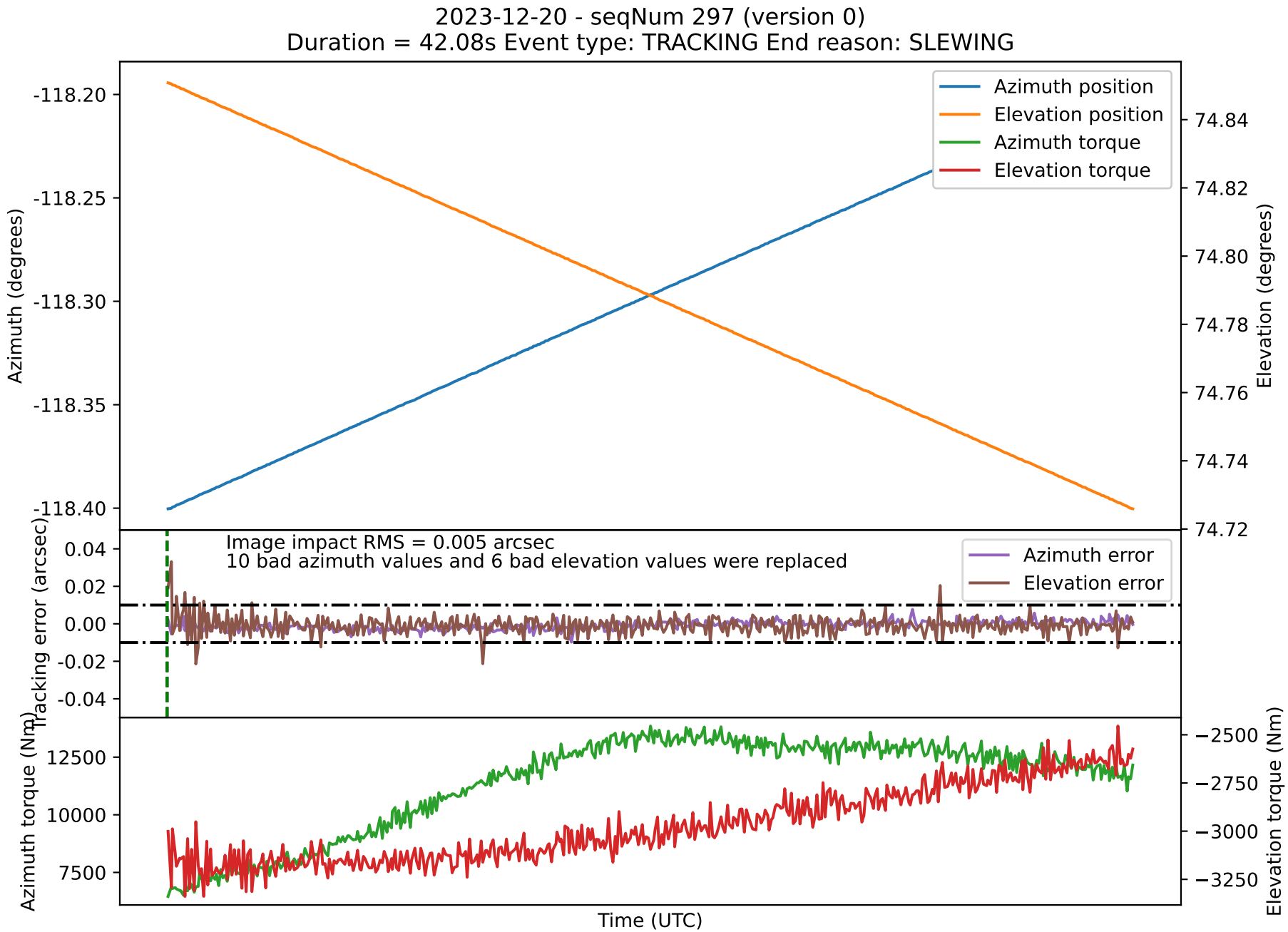

2023-12-20 - seqNum 287 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-114.52
-114.53
-114.54
-114.55
-114.56
61.46
61.44
61.42
61.40
61.38
61.36
61.34
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
0
−1000
Time (UTC)

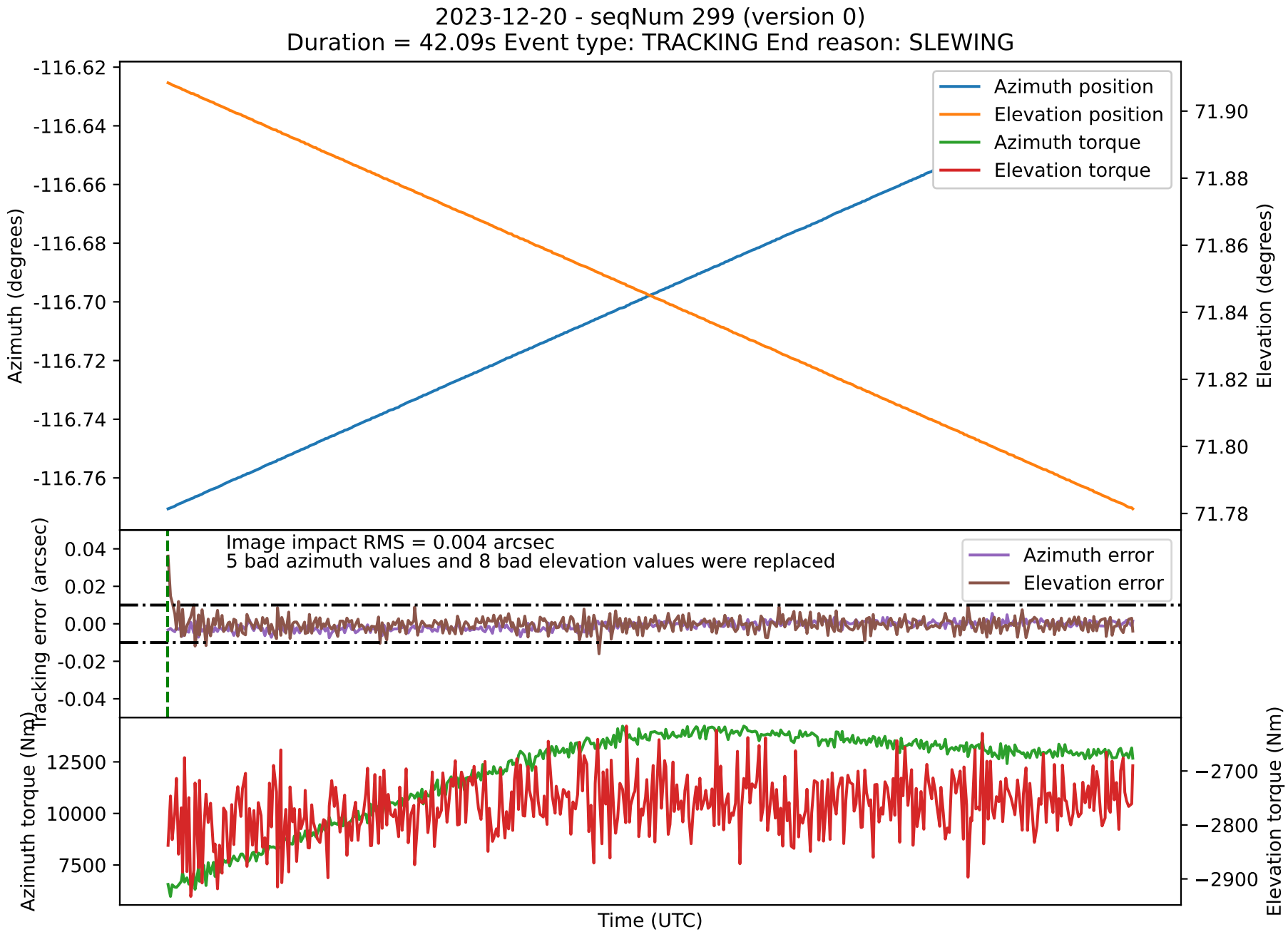

2023-12-20 - seqNum 289 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-114.90
-114.91
-114.92
-114.93
-114.94
-114.95
-114.96
64.14
64.12
64.10
64.08
64.06
64.04
64.02
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−1000
Time (UTC)

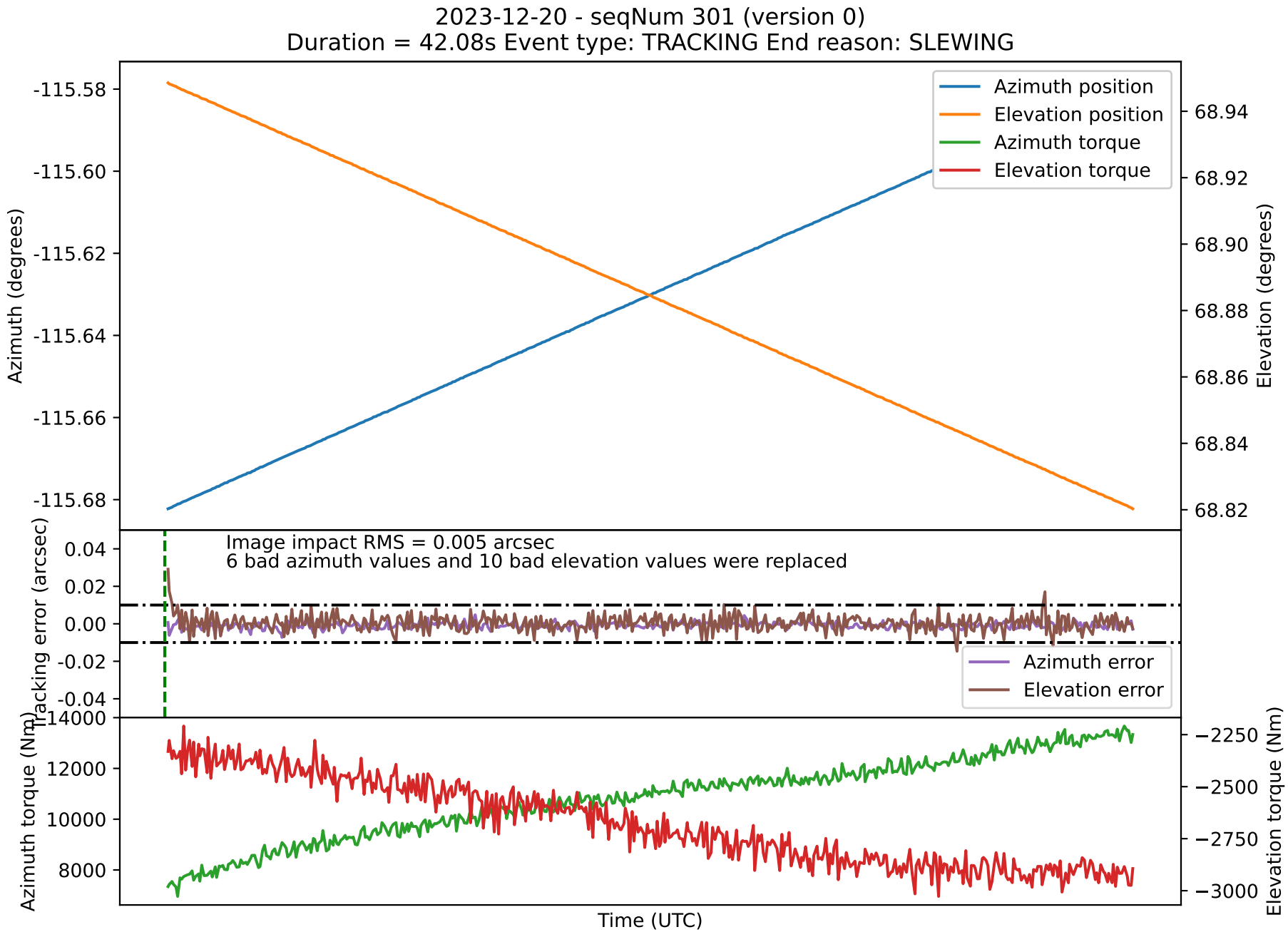

2023-12-20 - seqNum 291 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-108.30
-108.31
-108.32
-108.33
-108.34
-108.35
68.36
68.34
68.32
68.30
68.28
68.26
68.24
68.22
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
9000
8000
0
−1000
−2000
Time (UTC)

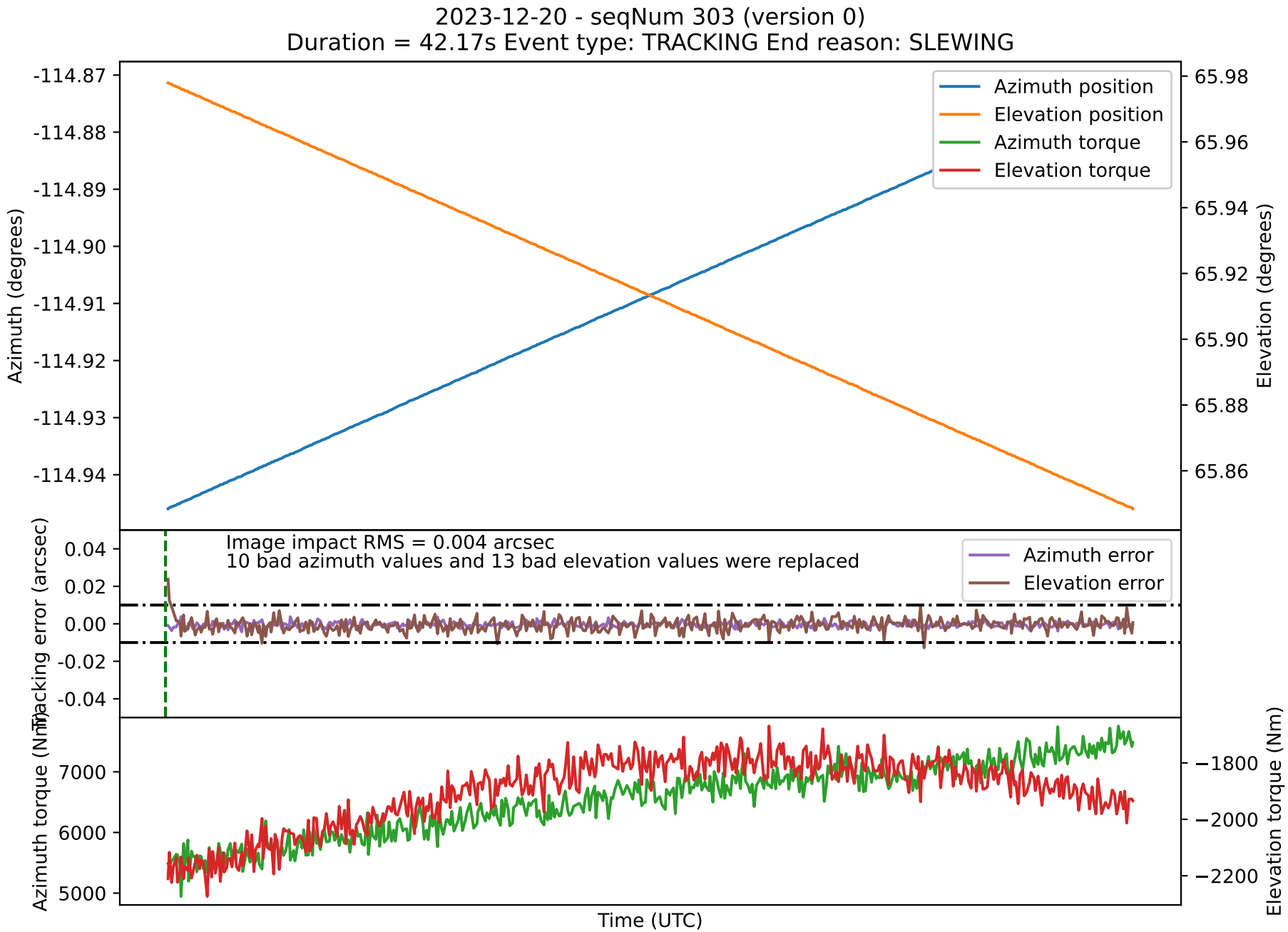

2023-12-20 - seqNum 293 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-107.80
-107.82
-107.84
-107.86
-107.88
-107.90
-107.92
-107.94
-107.96
76.64
76.62
76.60
76.58
76.56
76.54
76.52
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
7500
5000
−1000
−2000
−3000
Time (UTC)

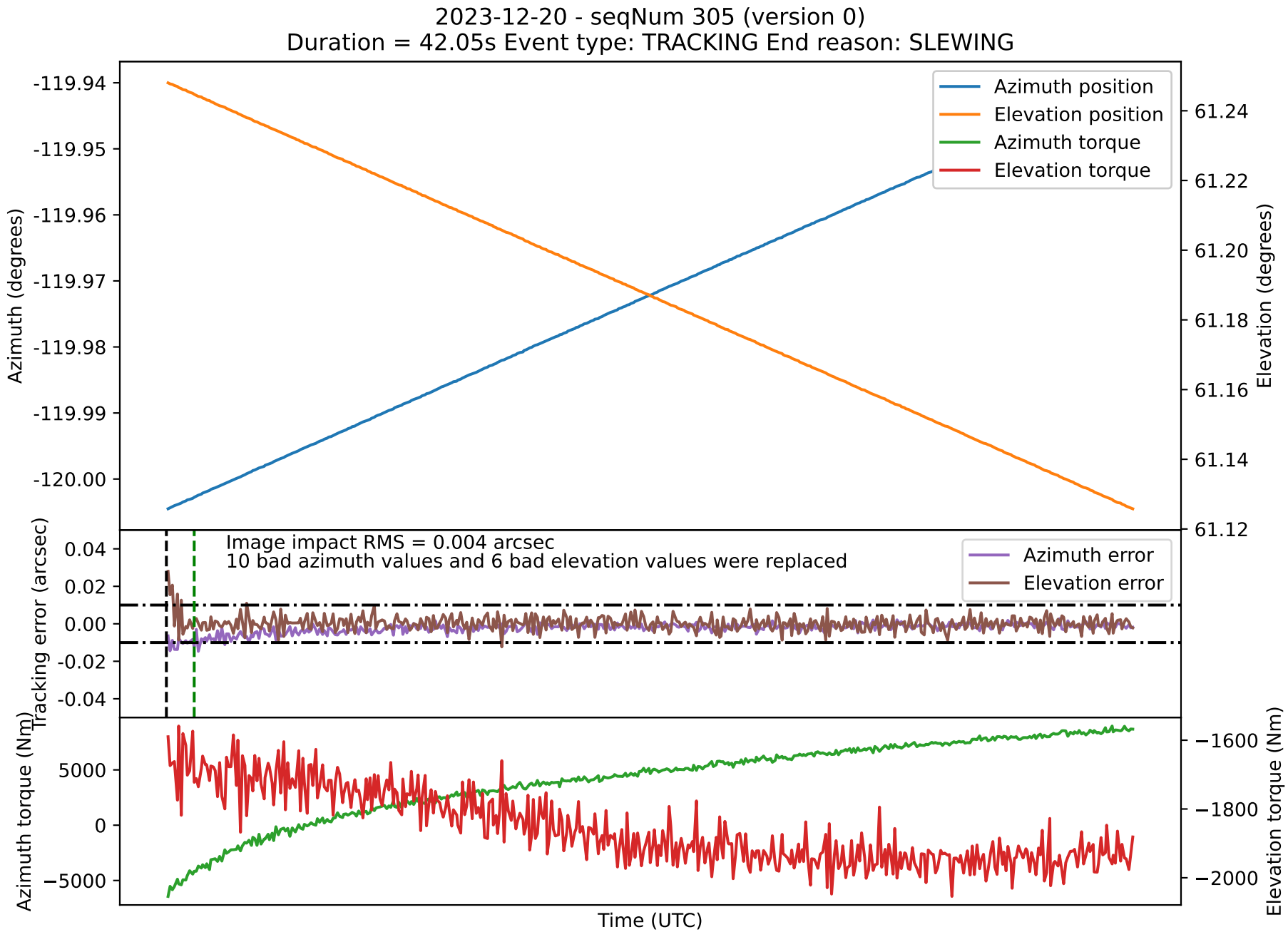

2023-12-20 - seqNum 295 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-120.65
-120.70
-120.75
-120.80
-120.85
-120.90
-120.95
77.76
77.74
77.72
77.70
77.68
77.66
77.64
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 3 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
15000
10000
5000
0
−1000
−2000
Time (UTC)

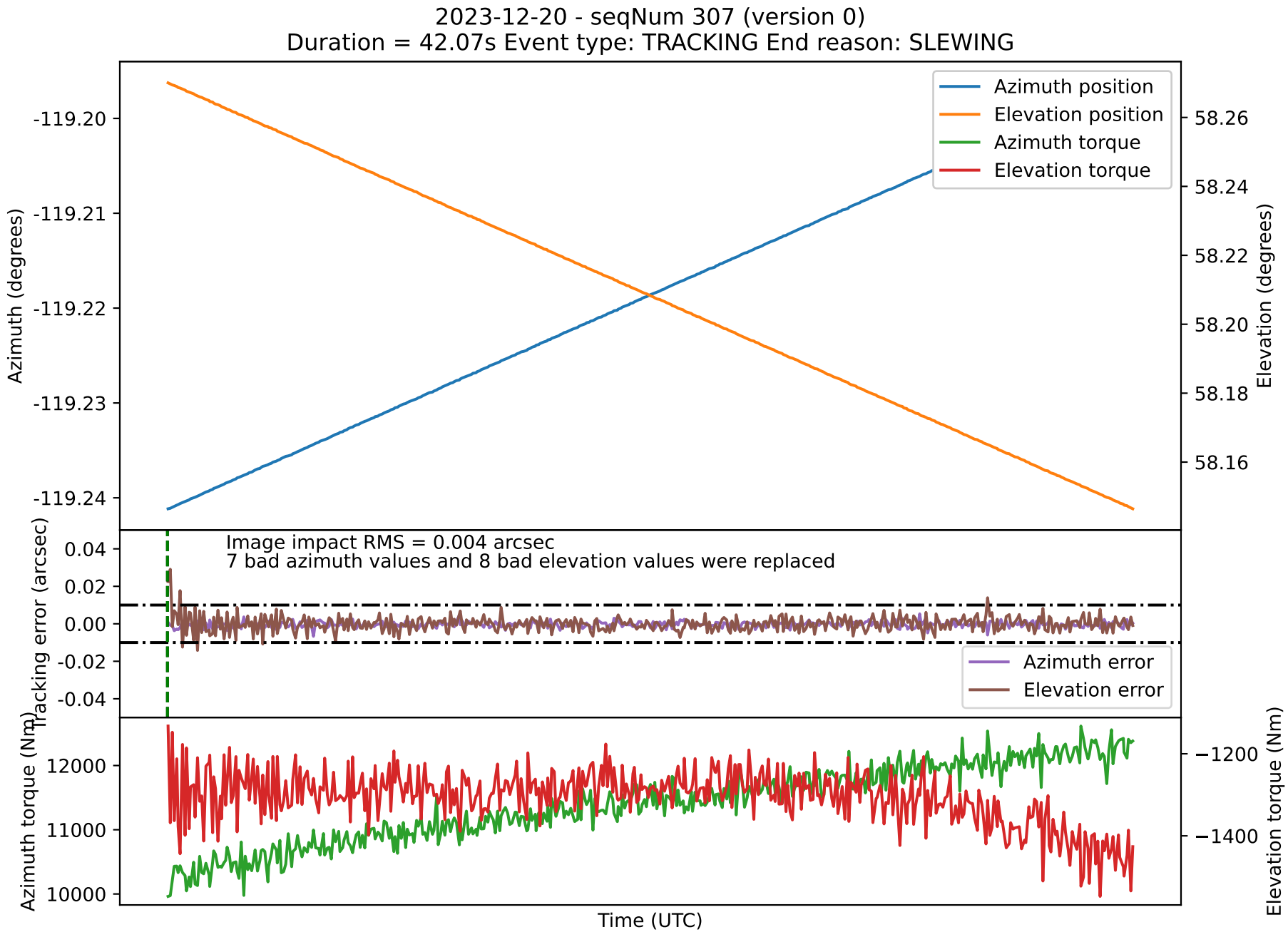

2023-12-20 - seqNum 297 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.20
-118.25
-118.30
-118.35
-118.40
74.84
74.82
74.80
74.78
74.76
74.74
74.72
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12500
10000
7500
−2500
−2750
−3000
−3250
Time (UTC)

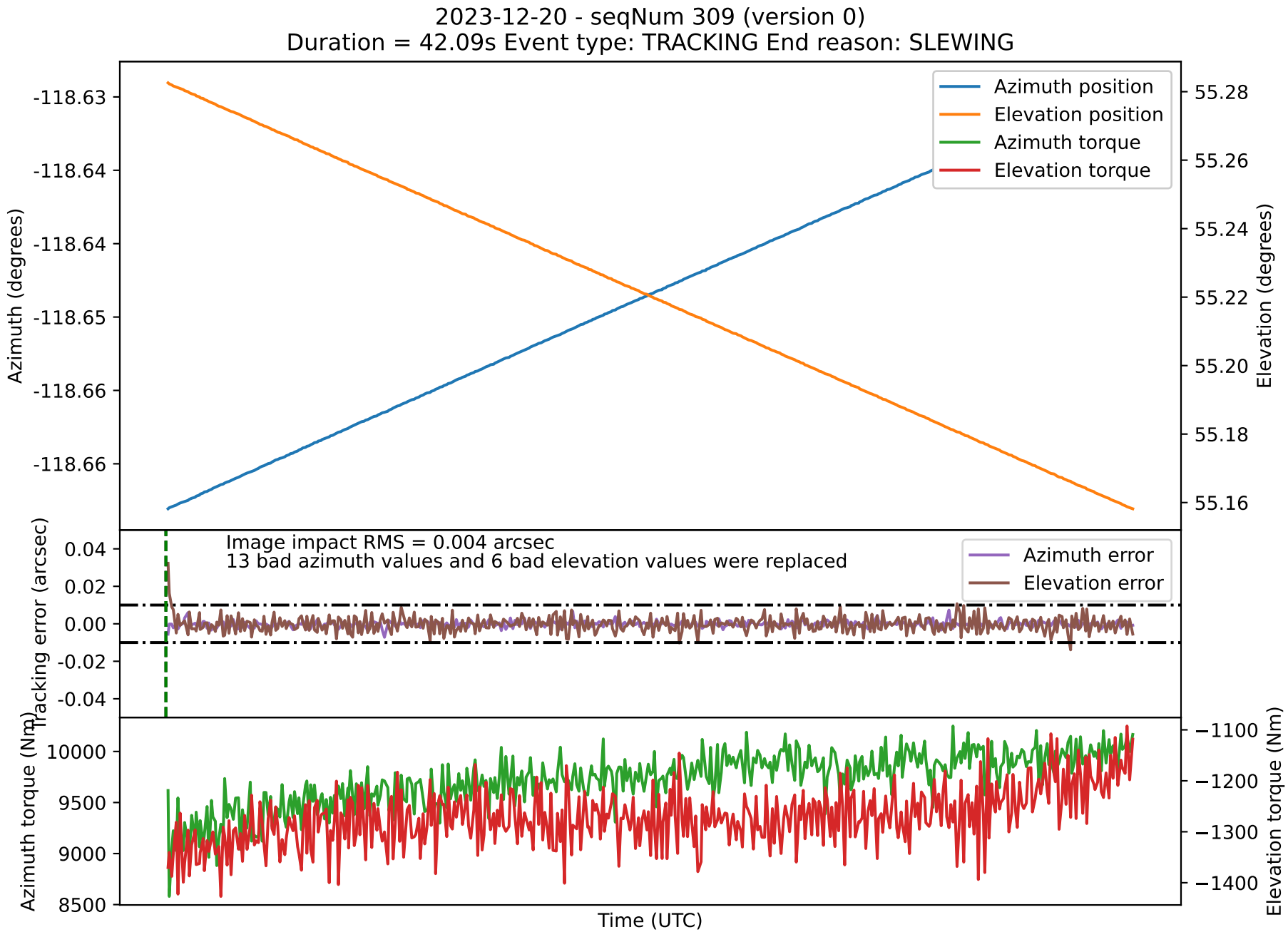

2023-12-20 - seqNum 299 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-116.62
-116.64
-116.66
-116.68
-116.70
-116.72
-116.74
-116.76
71.90
71.88
71.86
71.84
71.82
71.80
71.78
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12500
10000
7500
−2700
−2800
−2900
Time (UTC)

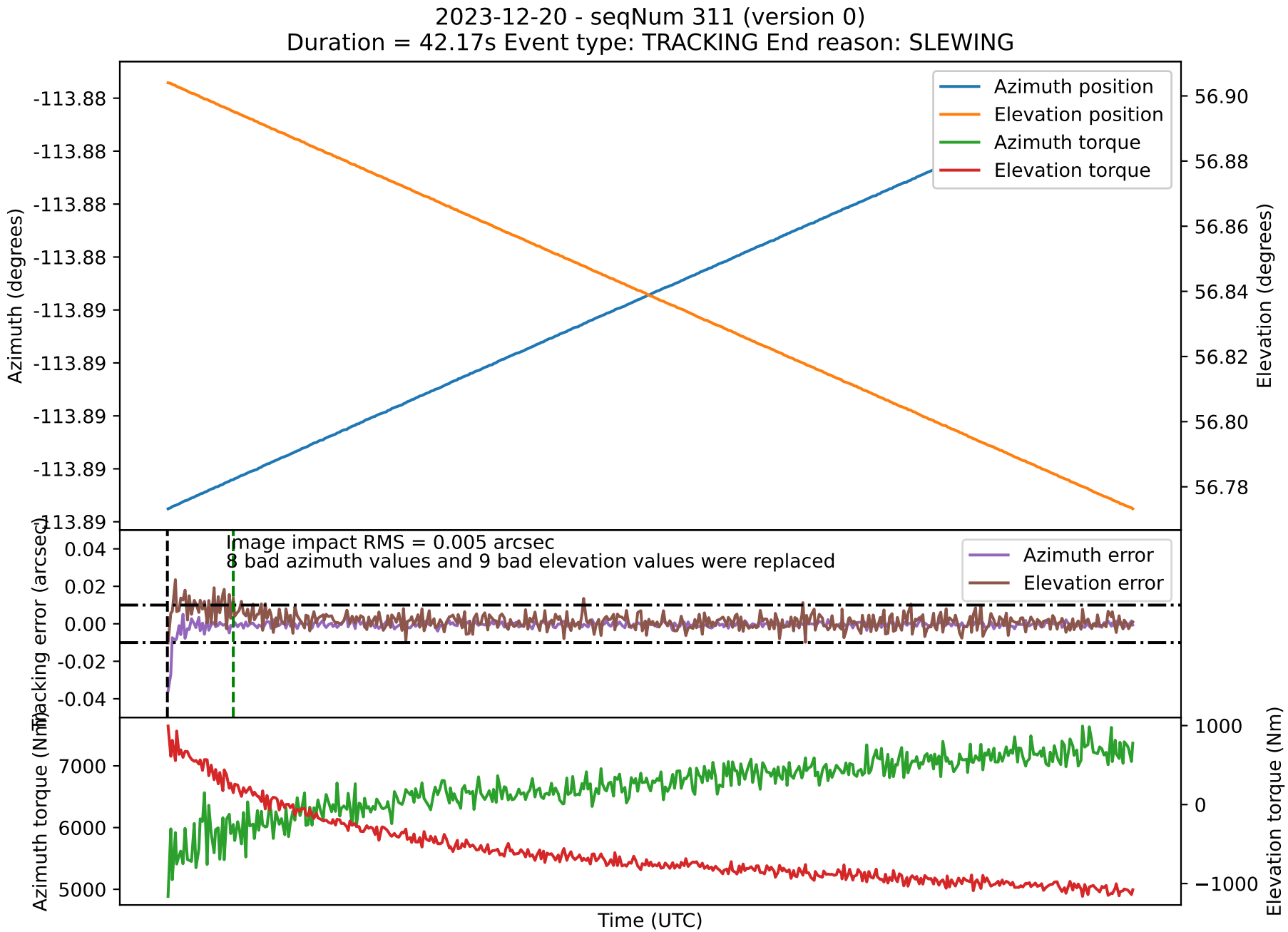

2023-12-20 - seqNum 301 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-115.58
-115.60
-115.62
-115.64
-115.66
-115.68
68.94
68.92
68.90
68.88
68.86
68.84
68.82
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 10 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
14000
12000
10000
8000
−2250
−2500
−2750
−3000
Time (UTC)

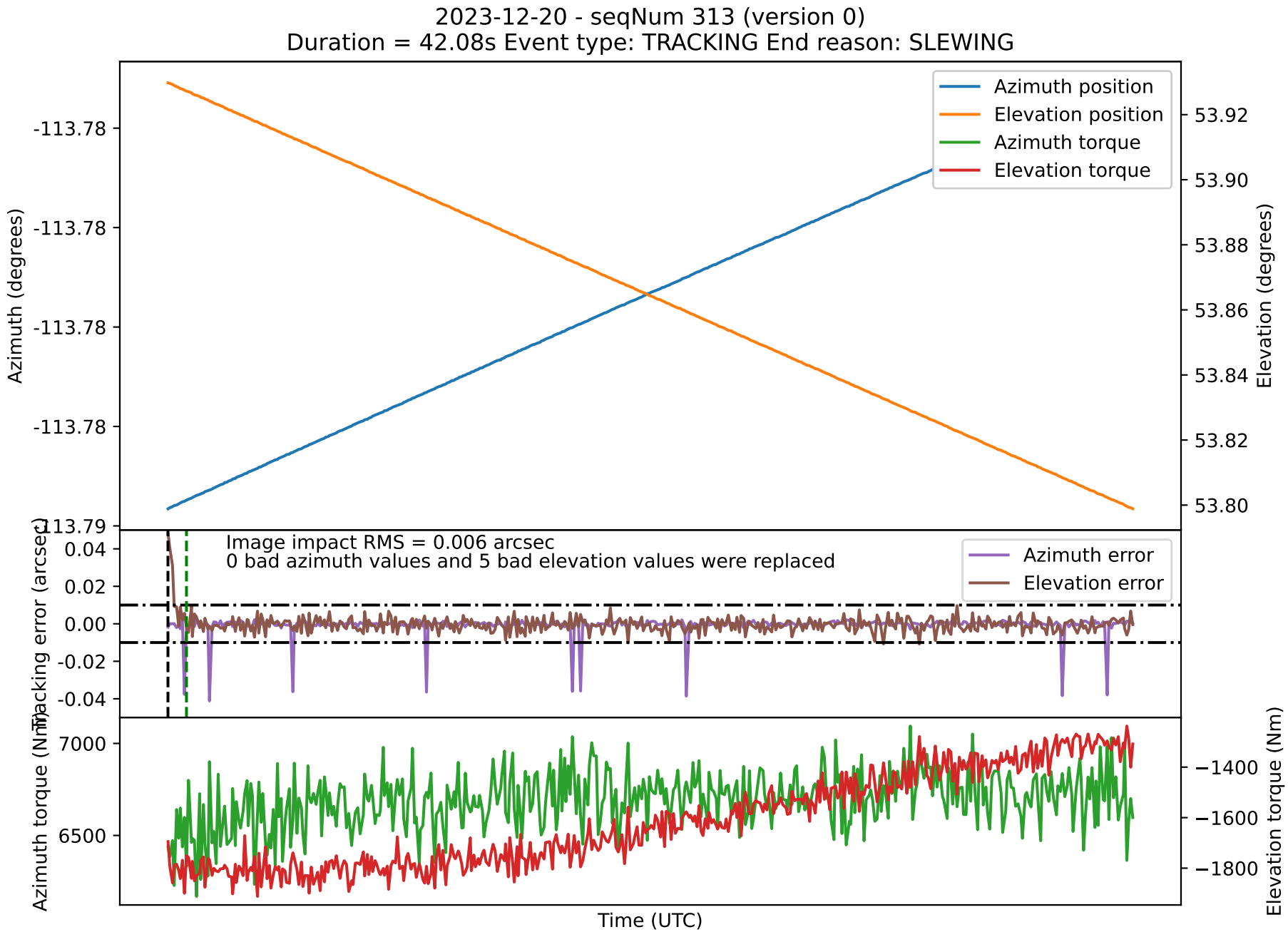

2023-12-20 - seqNum 303 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-114.87
-114.88
-114.89
-114.90
-114.91
-114.92
-114.93
-114.94
65.98
65.96
65.94
65.92
65.90
65.88
65.86
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 13 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
7000
6000
5000
−1800
−2000
−2200
Time (UTC)

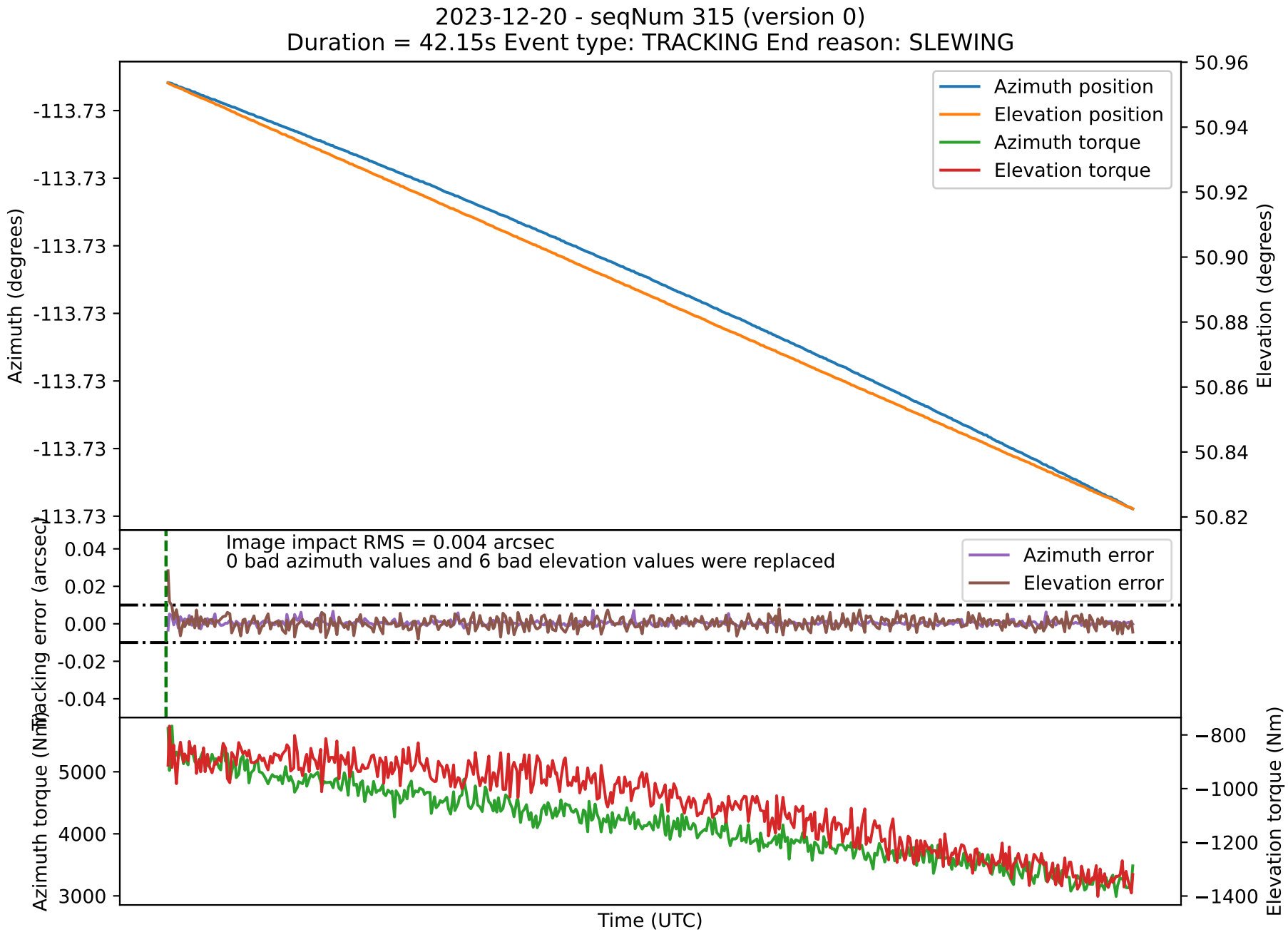

2023-12-20 - seqNum 305 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-119.94
-119.95
-119.96
-119.97
-119.98
-119.99
-120.00
61.24
61.22
61.20
61.18
61.16
61.14
61.12
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−1600
−1800
−2000
Time (UTC)

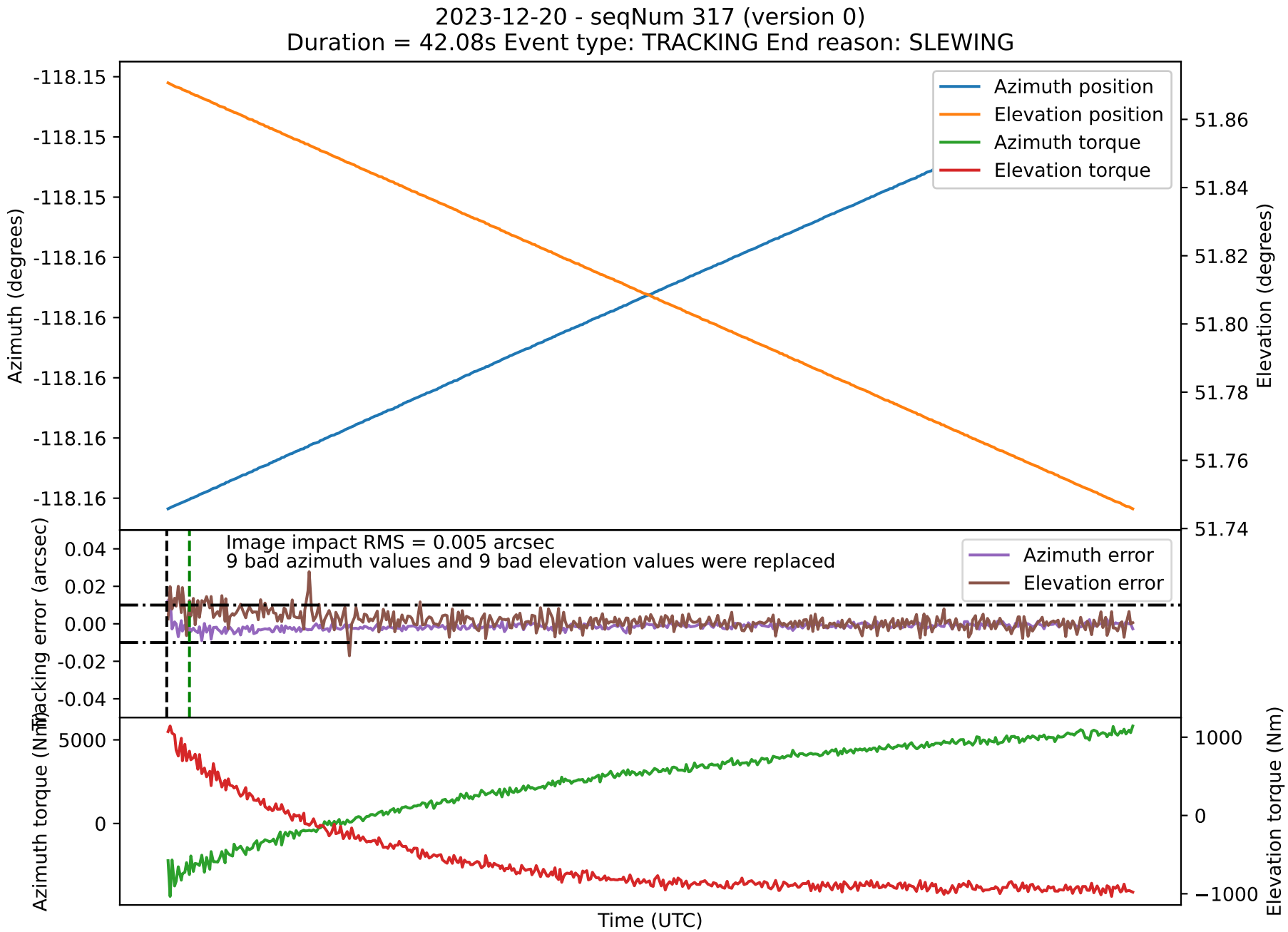

2023-12-20 - seqNum 307 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-119.20
-119.21
-119.22
-119.23
-119.24
58.26
58.24
58.22
58.20
58.18
58.16
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
12000
11000
10000
−1200
−1400
Time (UTC)

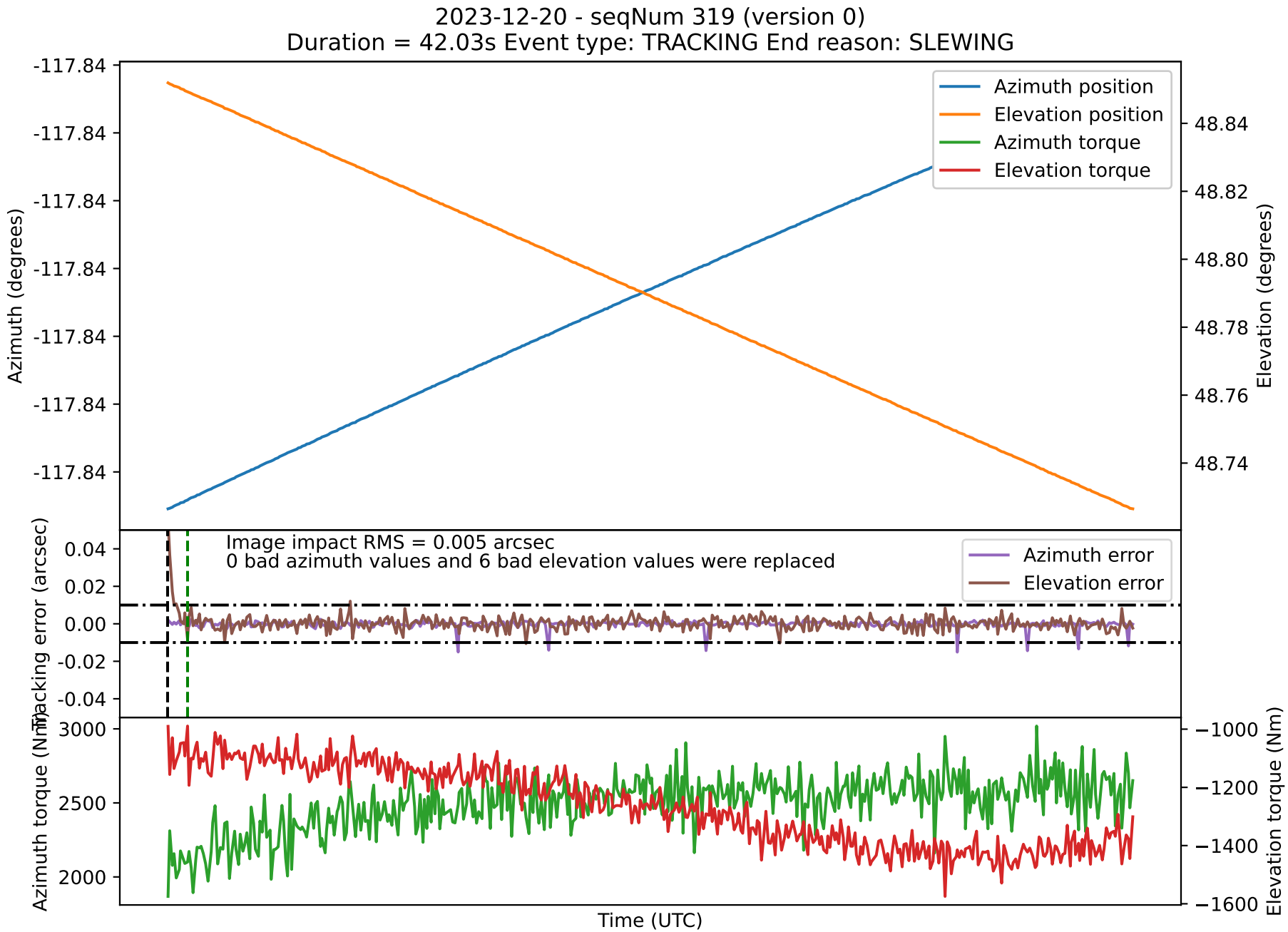

2023-12-20 - seqNum 309 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.63
-118.64
-118.64
-118.65
-118.66
-118.66
55.28
55.26
55.24
55.22
55.20
55.18
55.16
Image impact RMS = 0.004 arcsec
13 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
9500
9000
8500
−1100
−1200
−1300
−1400
Time (UTC)

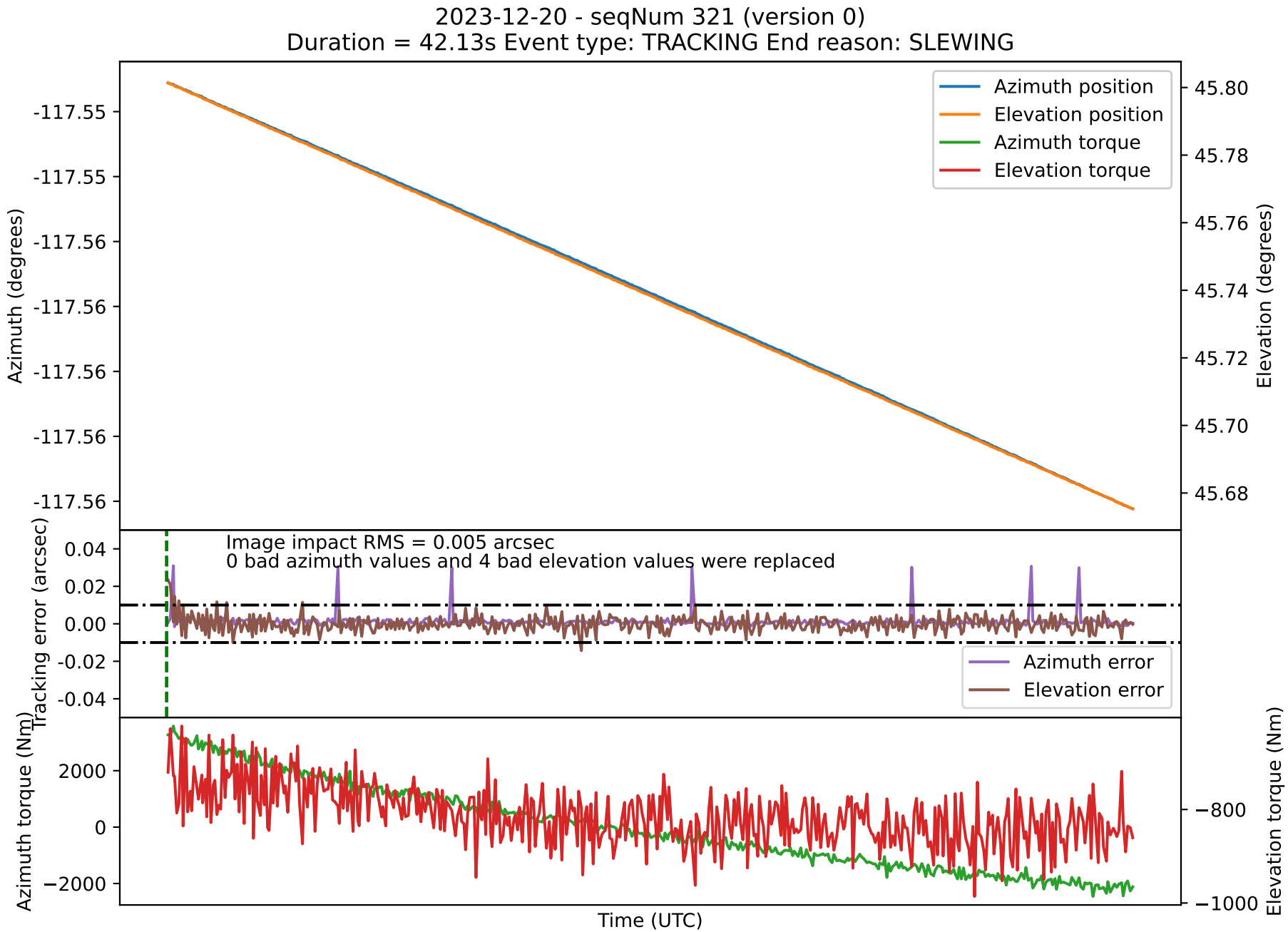

2023-12-20 - seqNum 311 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.88
-113.88
-113.88
-113.88
-113.89
-113.89
-113.89
-113.89
-113.89
56.90
56.88
56.86
56.84
56.82
56.80
56.78
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
7000
6000
5000
1000
0
−1000
Time (UTC)

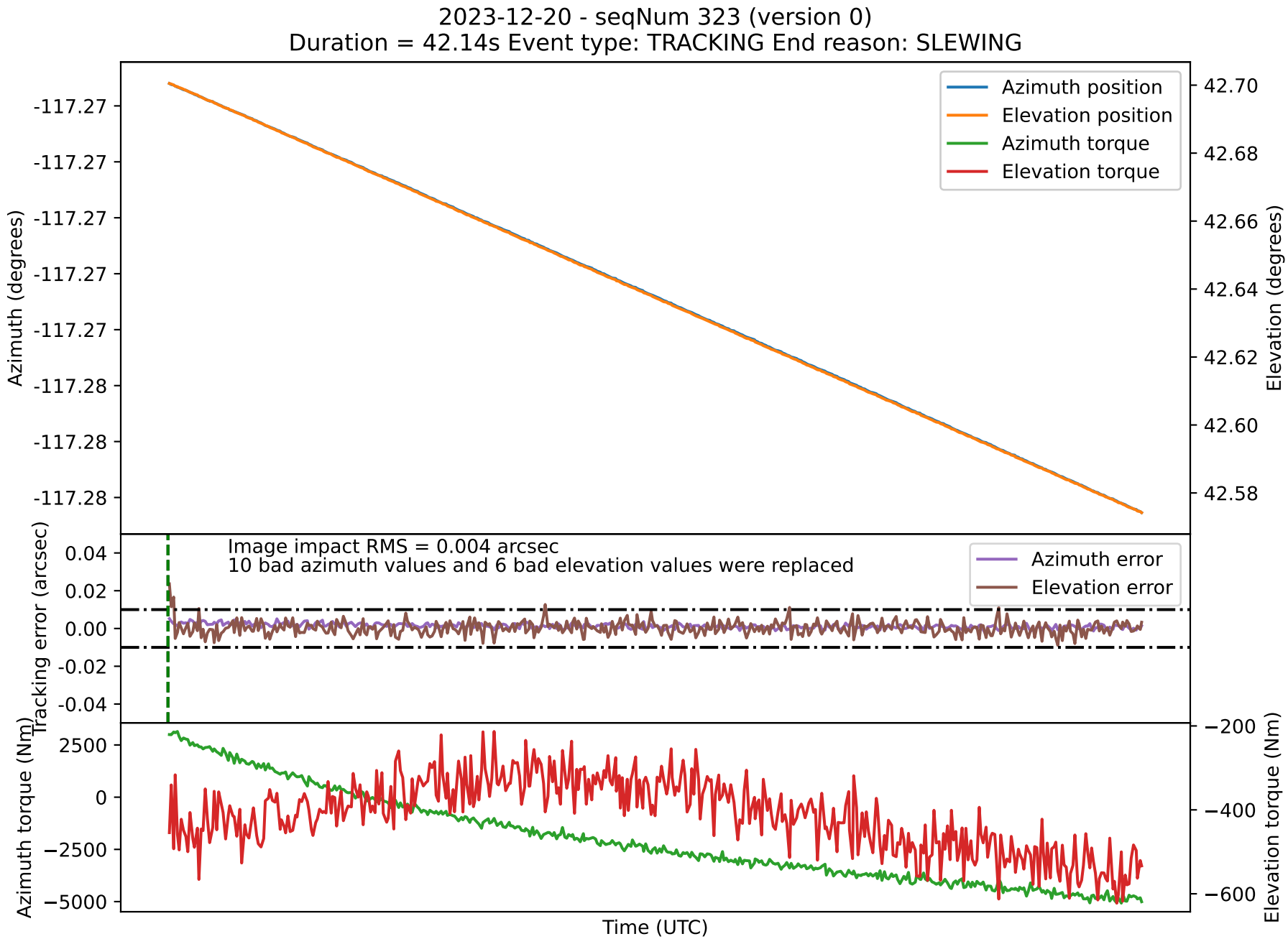

2023-12-20 - seqNum 313 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.78
-113.78
-113.78
-113.78
-113.79
53.92
53.90
53.88
53.86
53.84
53.82
53.80
Image impact RMS = 0.006 arcsec
0 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
7000
6500
−1400
−1600
−1800
Time (UTC)

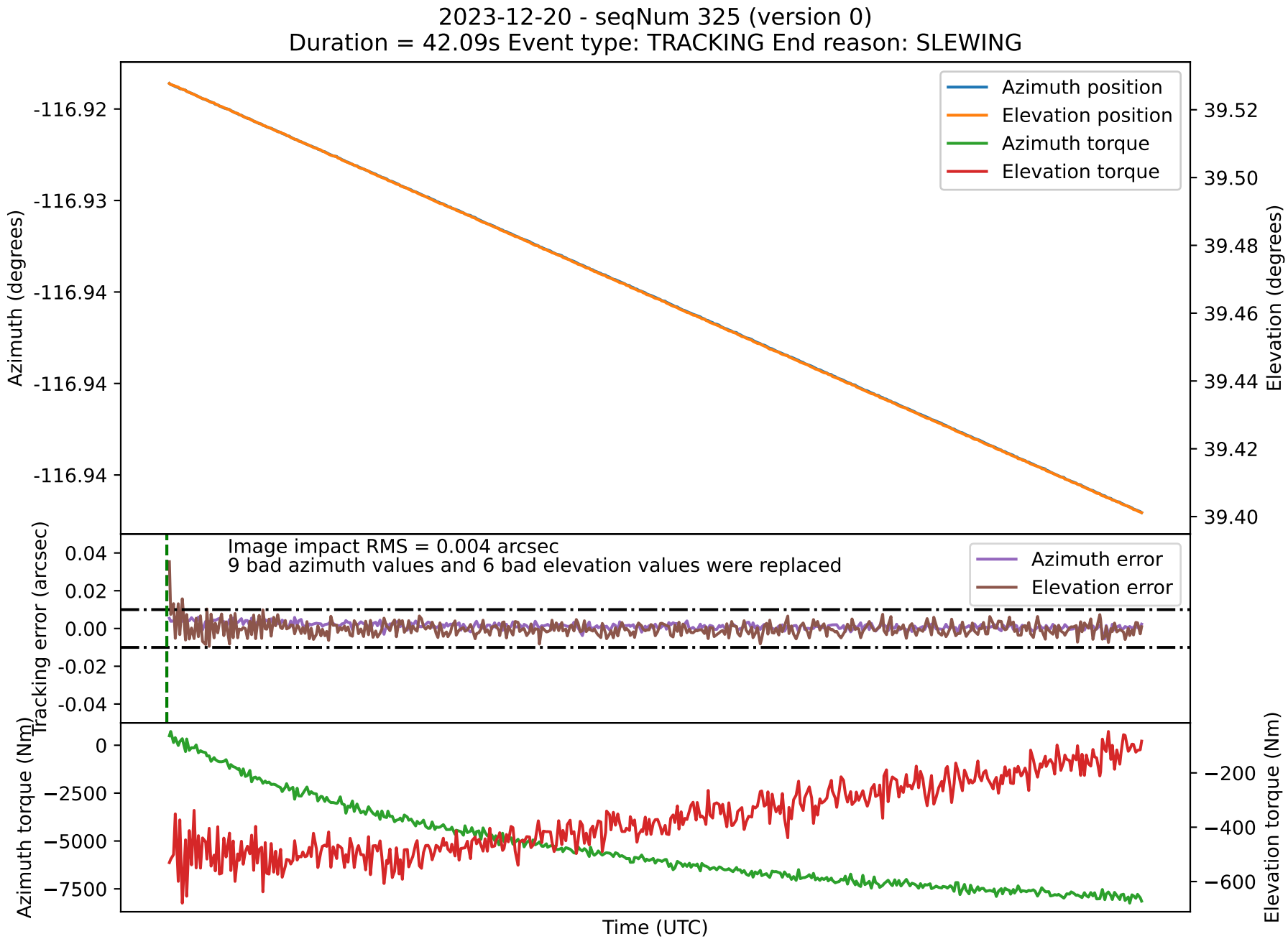

2023-12-20 - seqNum 315 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.73
50.96
50.94
50.92
50.90
50.88
50.86
50.84
50.82
Image impact RMS = 0.004 arcsec
0 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
4000
3000
−800
−1000
−1200
−1400
Time (UTC)

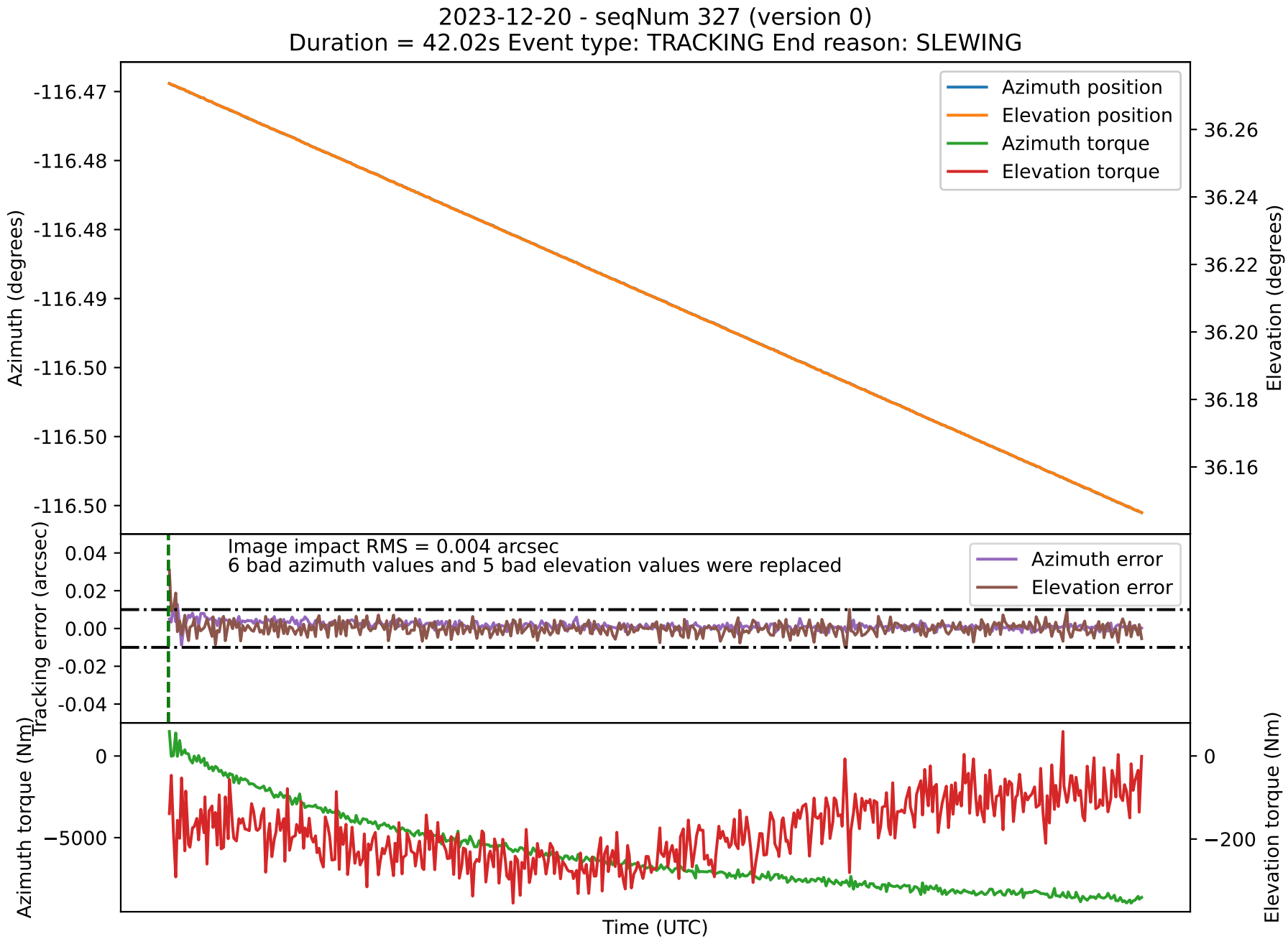

2023-12-20 - seqNum 317 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.15
-118.15
-118.15
-118.16
-118.16
-118.16
-118.16
-118.16
51.86
51.84
51.82
51.80
51.78
51.76
51.74
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
1000
0
−1000
Time (UTC)

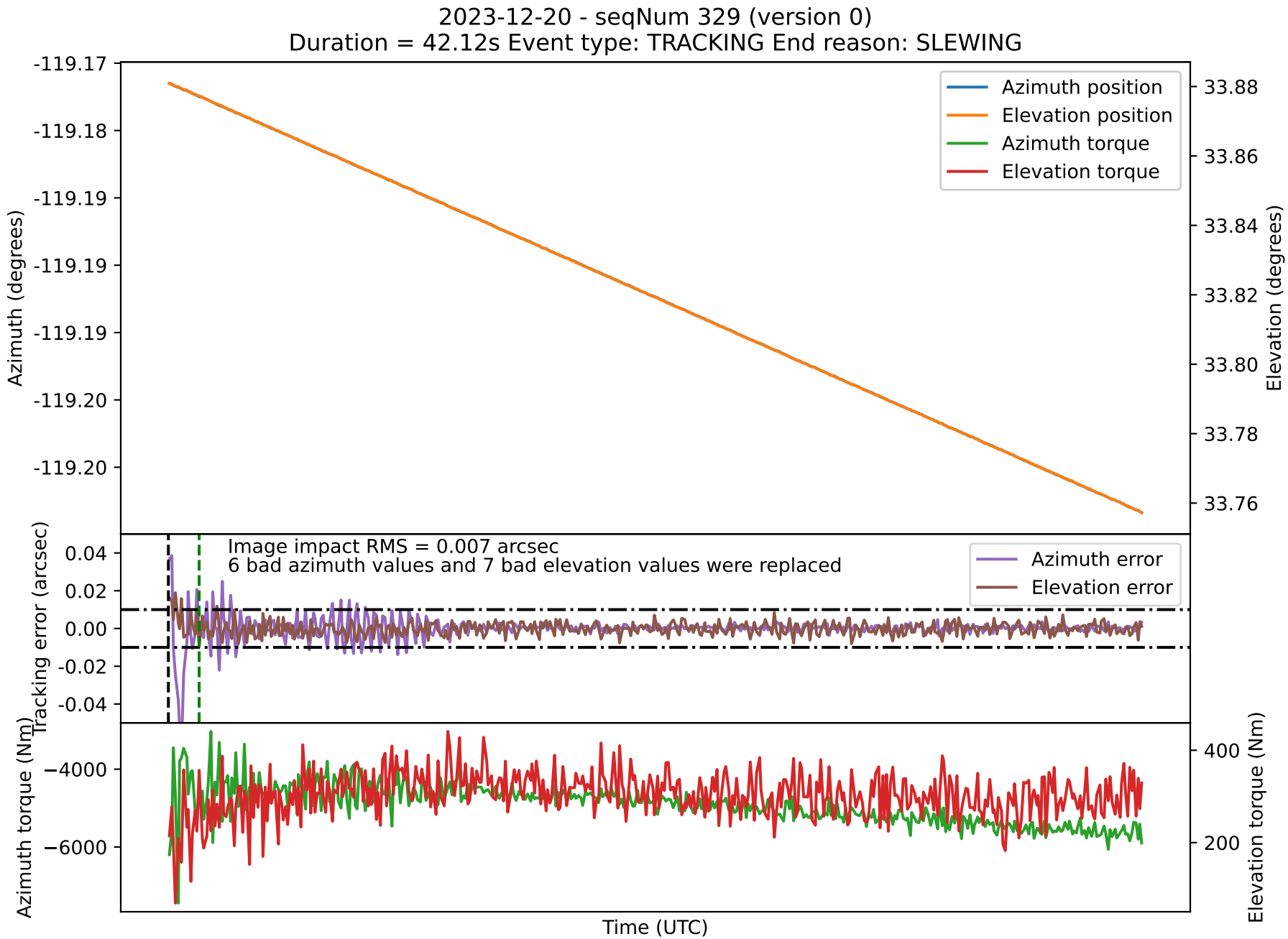

2023-12-20 - seqNum 319 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-117.84
48.84
48.82
48.80
48.78
48.76
48.74
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
3000
2500
2000
−1000
−1200
−1400
−1600
Time (UTC)

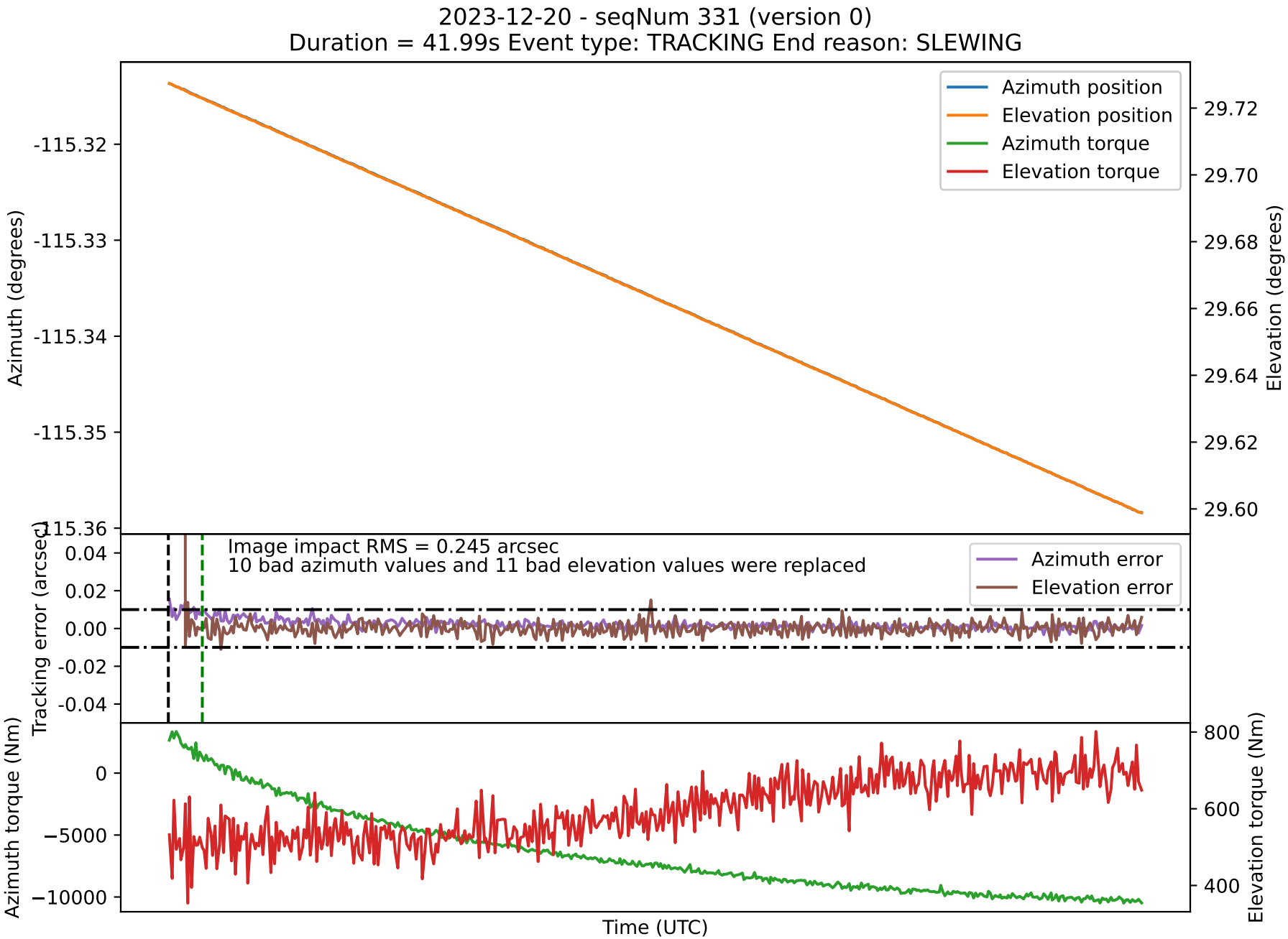

2023-12-20 - seqNum 321 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-117.55
-117.55
-117.56
-117.56
-117.56
-117.56
-117.56
45.80
45.78
45.76
45.74
45.72
45.70
45.68
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
2000
0
−2000
−800
−1000
Time (UTC)

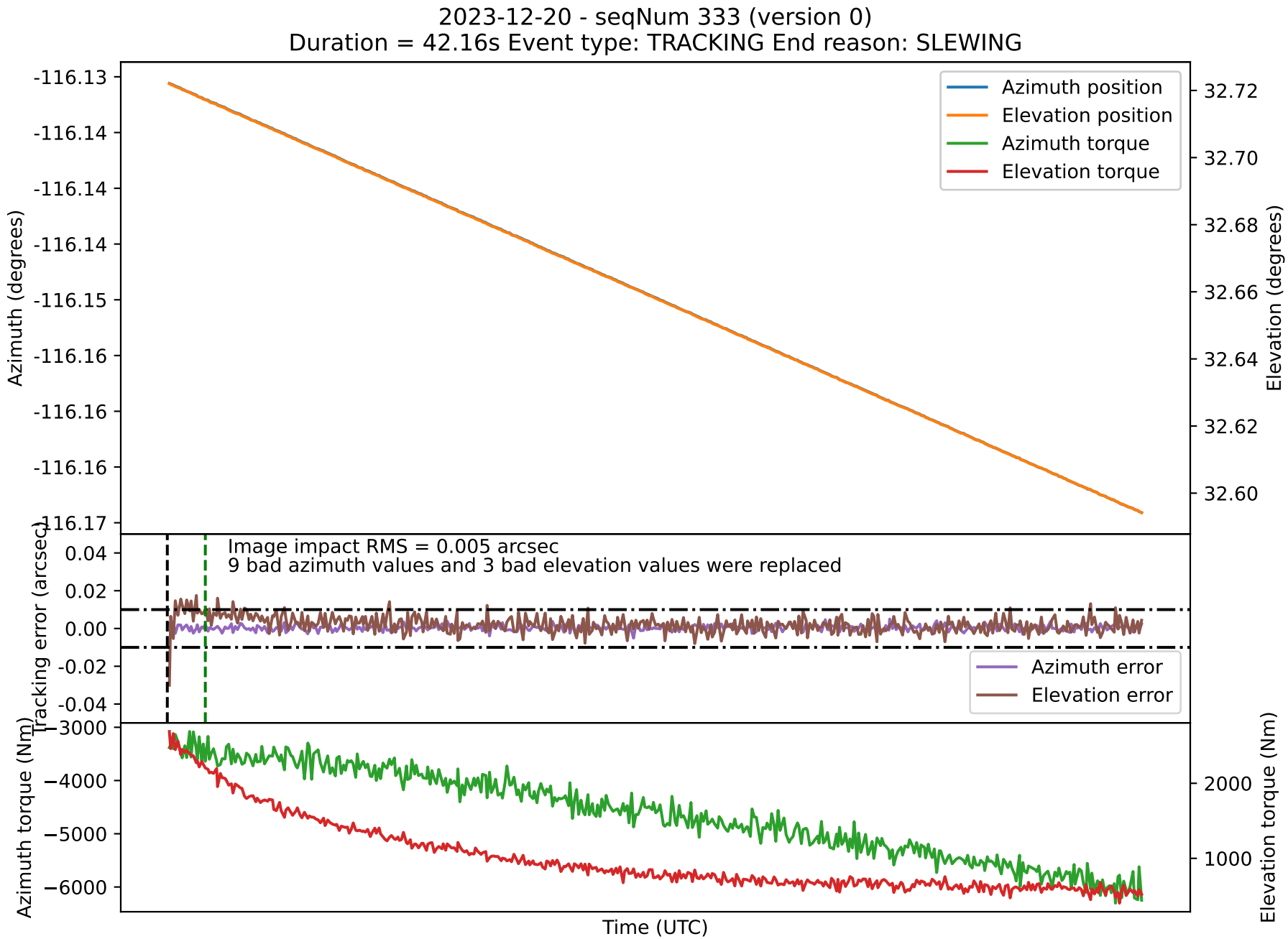

2023-12-20 - seqNum 323 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-117.27
-117.27
-117.27
-117.27
-117.27
-117.28
-117.28
-117.28
42.70
42.68
42.66
42.64
42.62
42.60
42.58
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
2500
0
−2500
−5000
−200
−400
−600
Time (UTC)

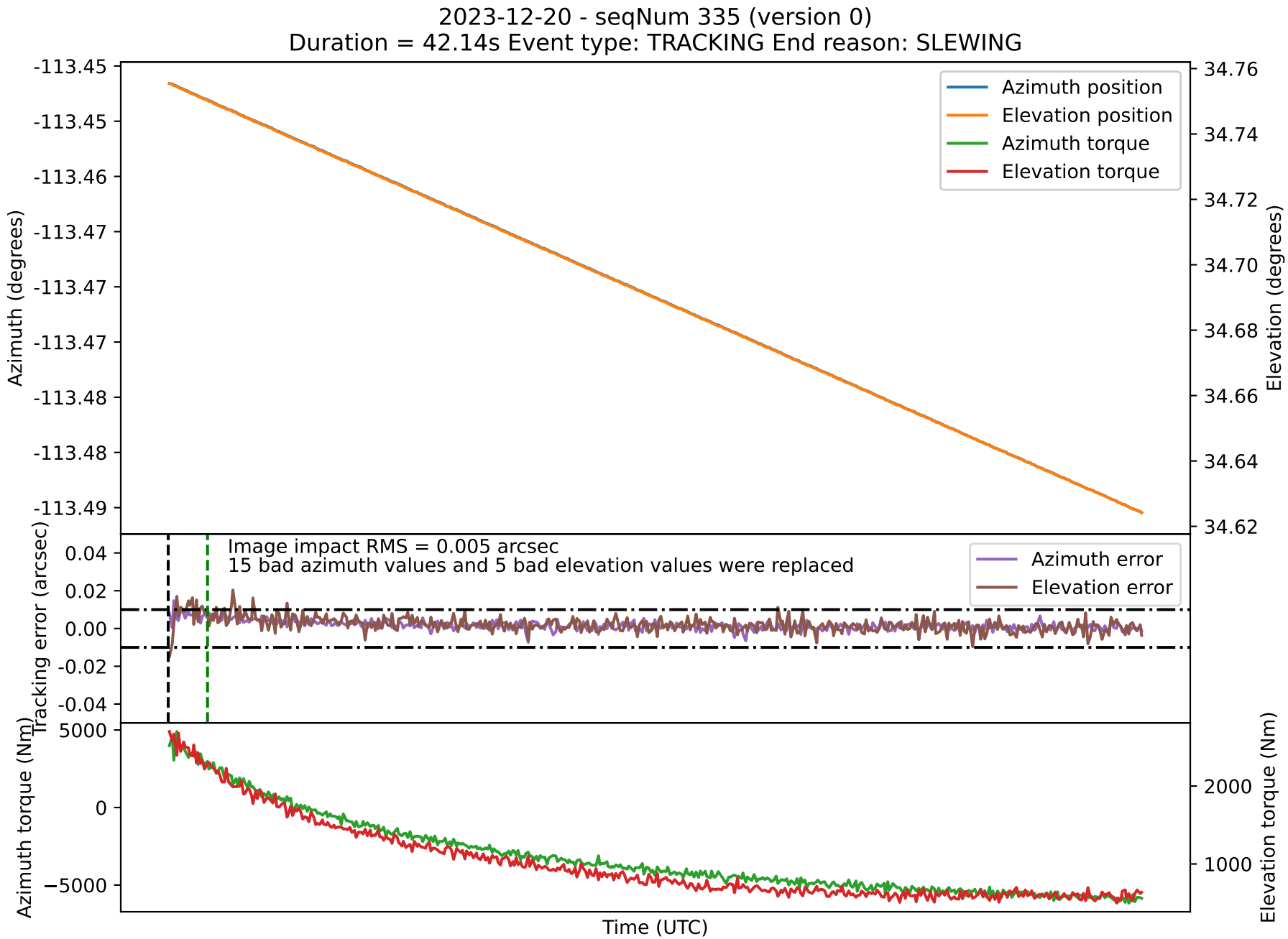

2023-12-20 - seqNum 325 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-116.92
-116.93
-116.94
-116.94
-116.94
39.52
39.50
39.48
39.46
39.44
39.42
39.40
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−2500
−5000
−7500
−200
−400
−600
Time (UTC)

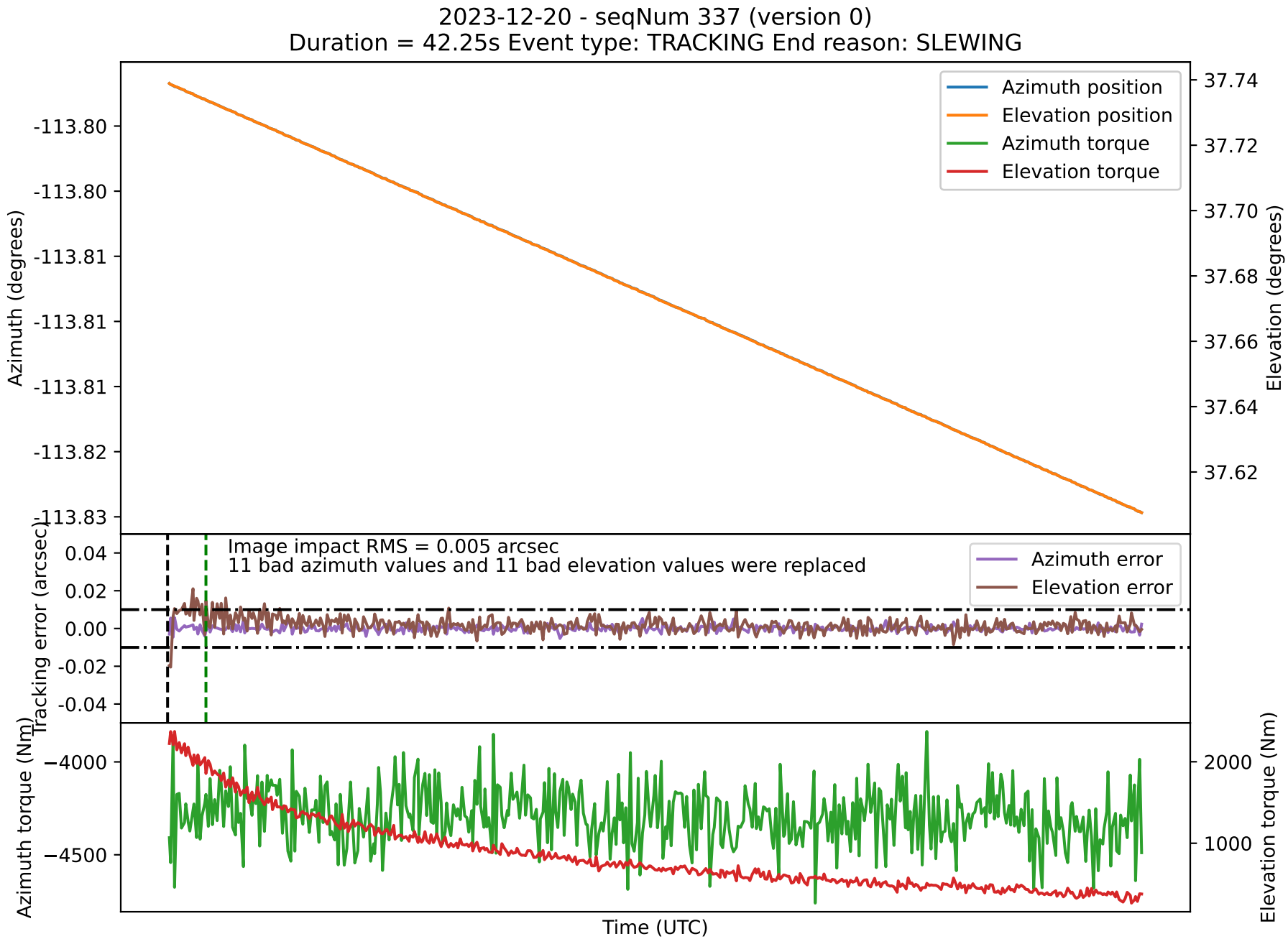

2023-12-20 - seqNum 327 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-116.47
-116.48
-116.48
-116.49
-116.50
-116.50
-116.50
36.26
36.24
36.22
36.20
36.18
36.16
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
0
−200
Time (UTC)

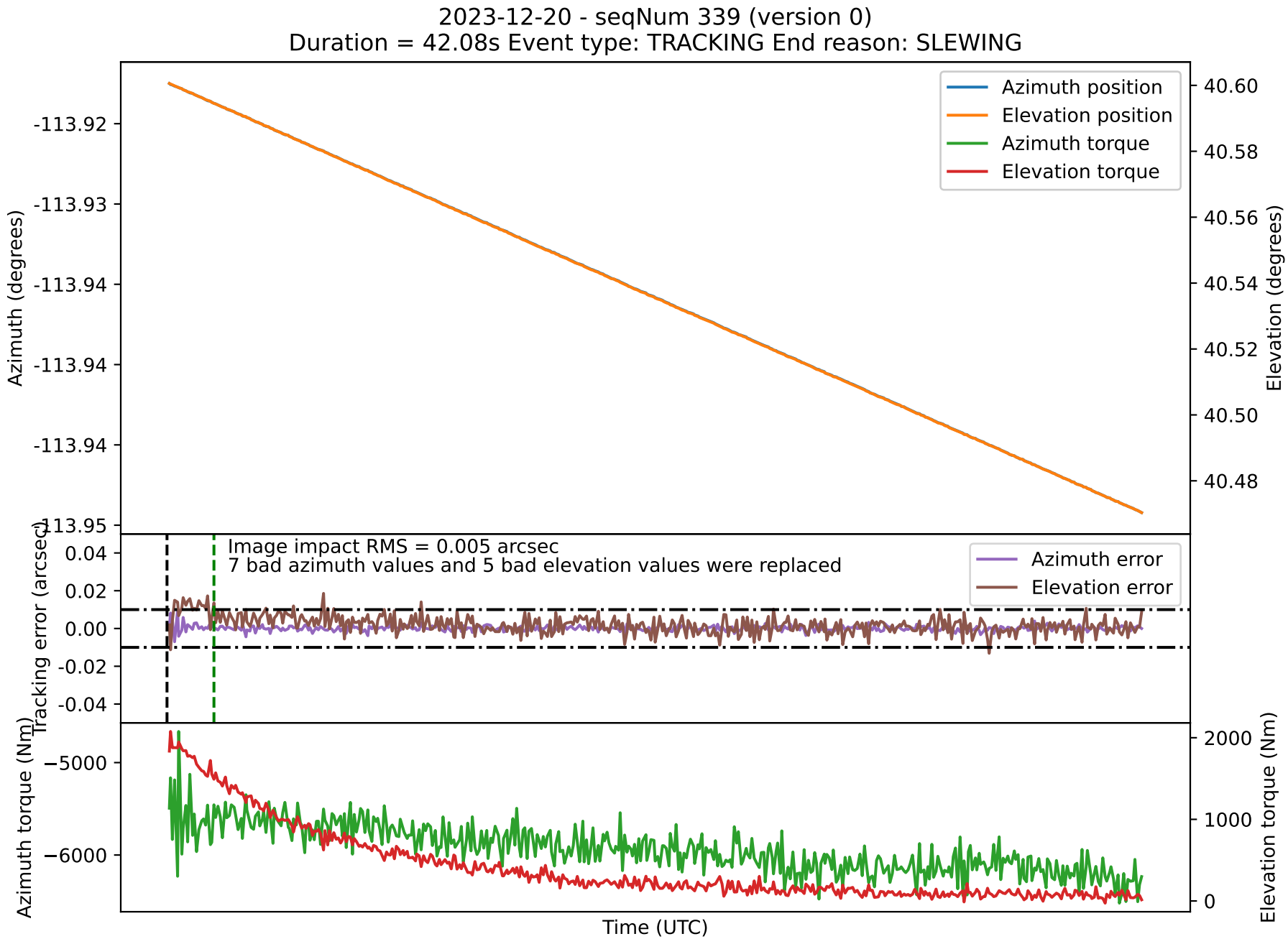

2023-12-20 - seqNum 329 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-119.17
-119.18
-119.19
-119.19
-119.19
-119.20
-119.20
33.88
33.86
33.84
33.82
33.80
33.78
33.76
Image impact RMS = 0.007 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
400
200
Time (UTC)

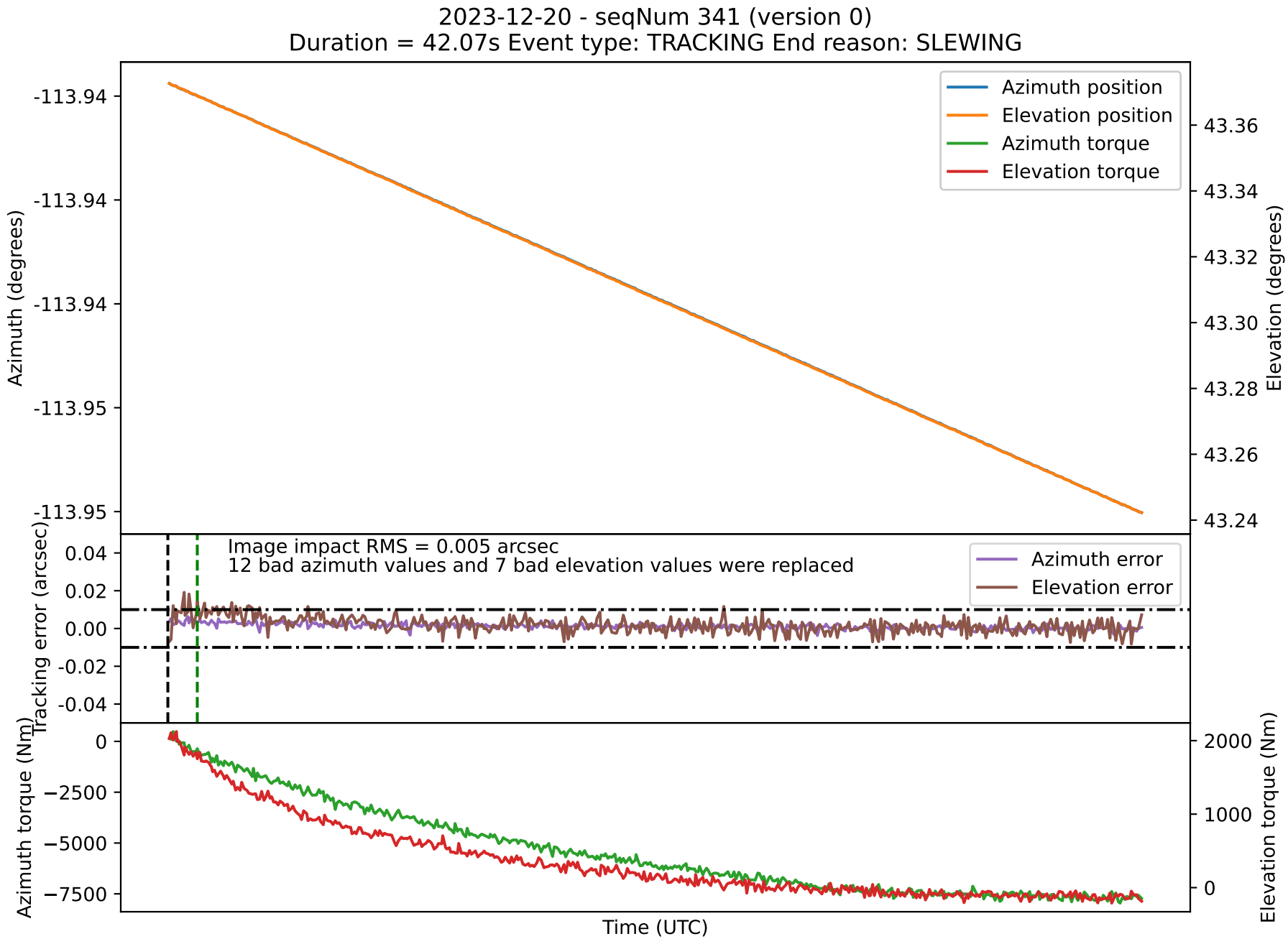

2023-12-20 - seqNum 331 (version 0)
Duration = 41.99s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-115.32
-115.33
-115.34
-115.35
-115.36
29.72
29.70
29.68
29.66
29.64
29.62
29.60
Image impact RMS = 0.245 arcsec
10 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
800
600
400
Time (UTC)

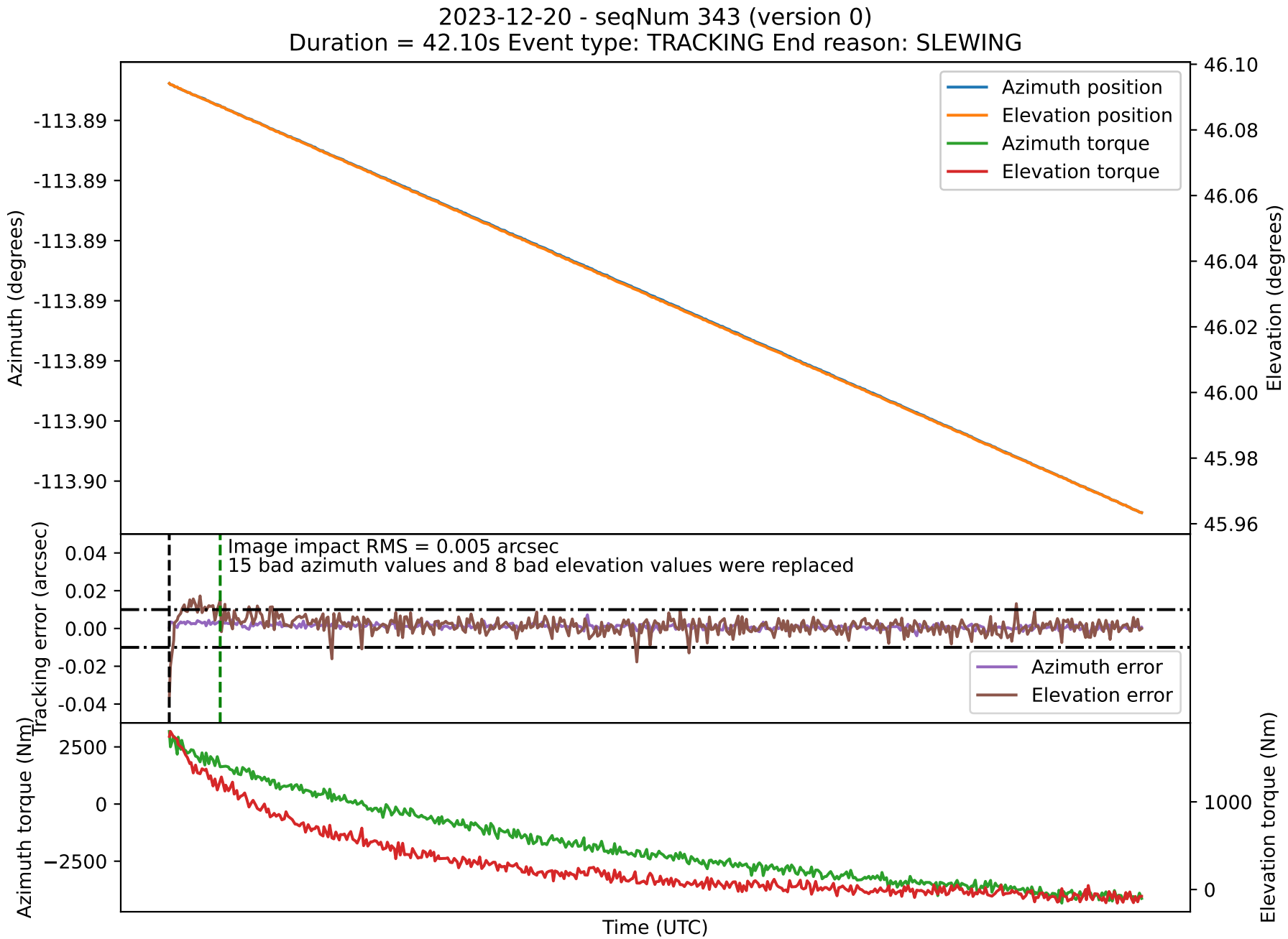

2023-12-20 - seqNum 333 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-116.13
-116.14
-116.14
-116.14
-116.15
-116.16
-116.16
-116.16
-116.17
32.72
32.70
32.68
32.66
32.64
32.62
32.60
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 3 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−3000
−4000
−5000
−6000
2000
1000
Time (UTC)

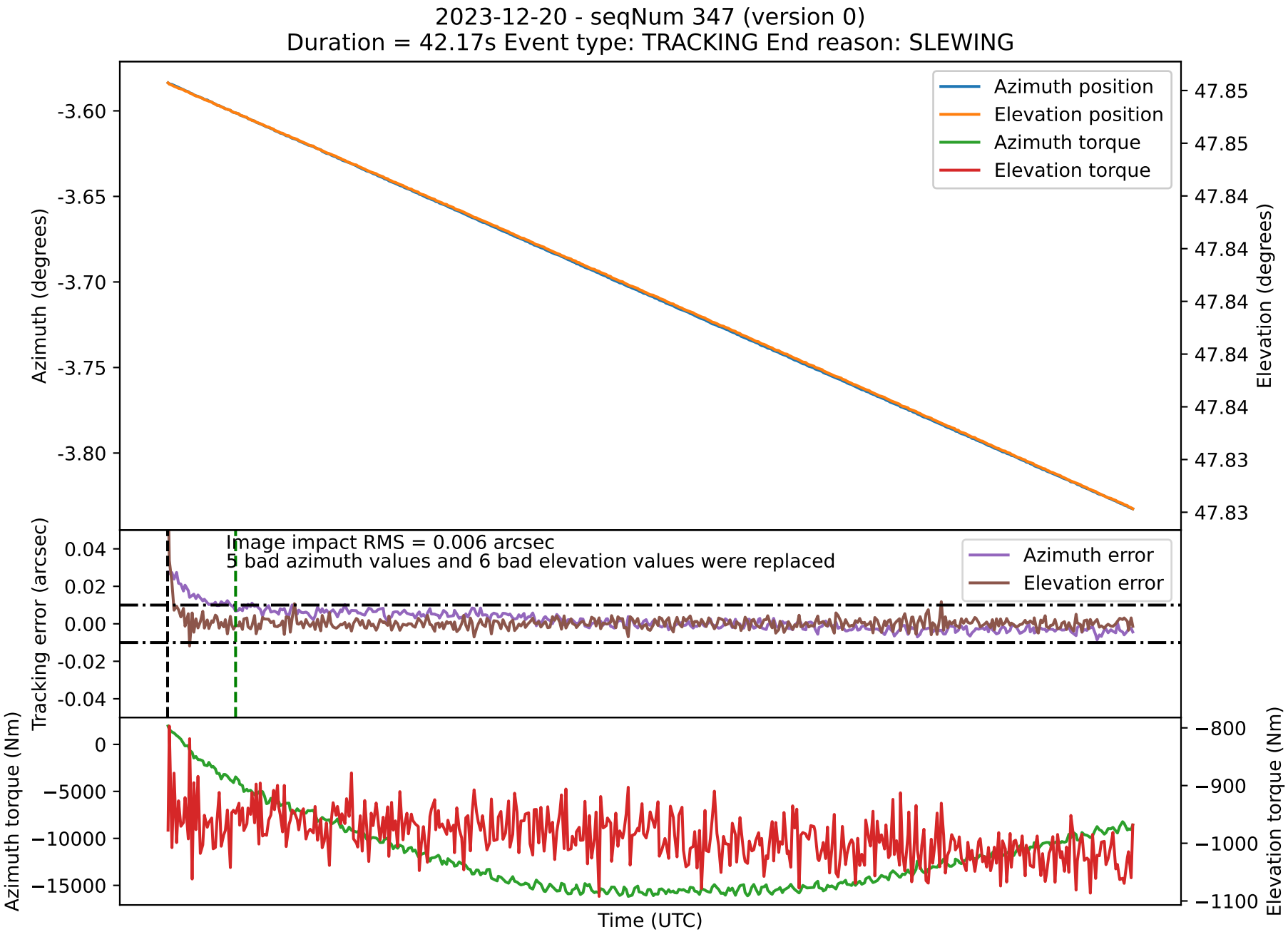

2023-12-20 - seqNum 335 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.45
-113.45
-113.46
-113.47
-113.47
-113.47
-113.48
-113.48
-113.49
34.76
34.74
34.72
34.70
34.68
34.66
34.64
34.62
Image impact RMS = 0.005 arcsec
15 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
2000
1000
Time (UTC)

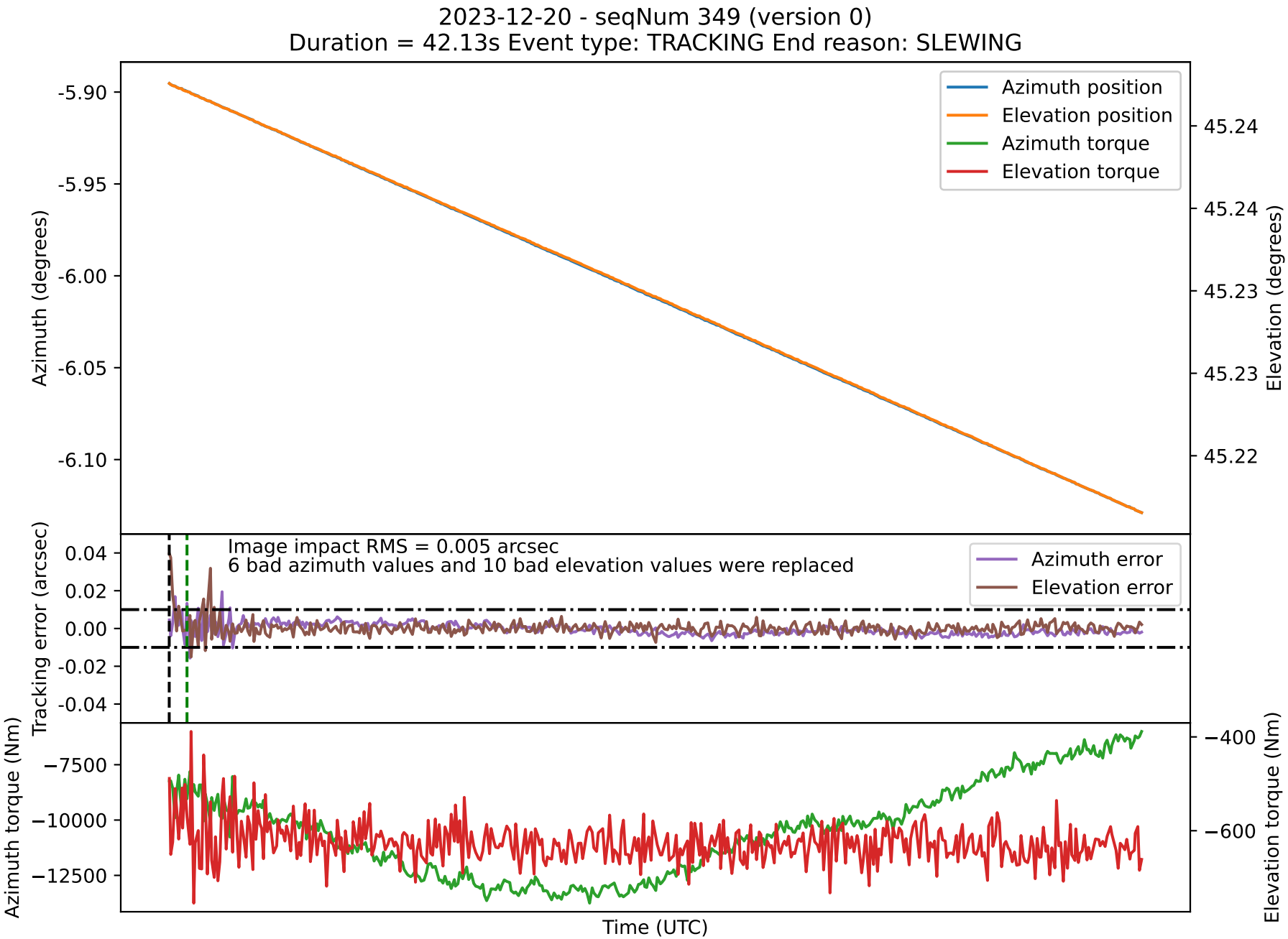

2023-12-20 - seqNum 337 (version 0)
Duration = 42.25s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.80
-113.80
-113.81
-113.81
-113.81
-113.82
-113.83
37.74
37.72
37.70
37.68
37.66
37.64
37.62
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−4500
2000
1000
Time (UTC)

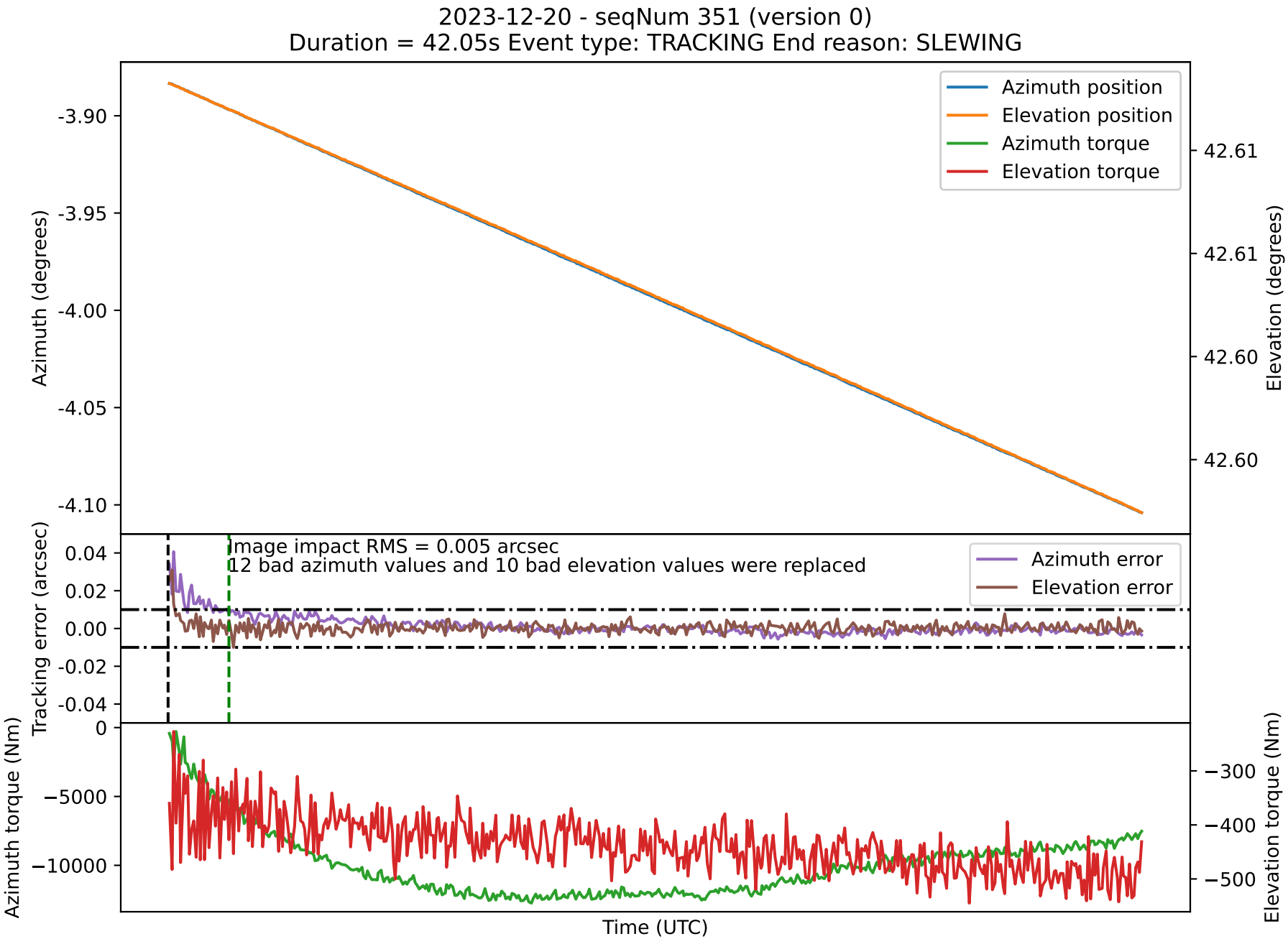

2023-12-20 - seqNum 339 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.92
-113.93
-113.94
-113.94
-113.94
-113.95
40.60
40.58
40.56
40.54
40.52
40.50
40.48
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−6000
2000
1000
0
Time (UTC)

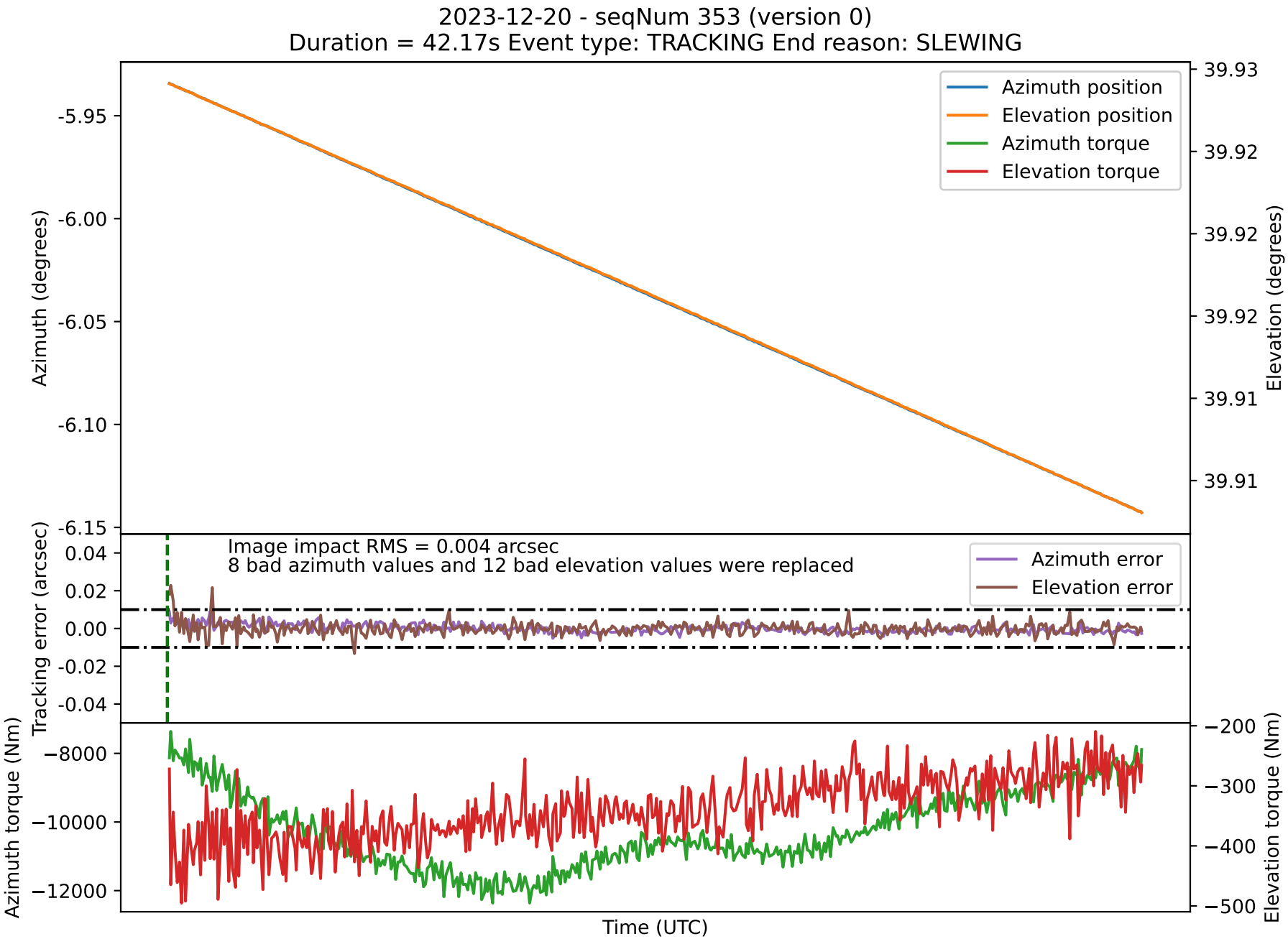

2023-12-20 - seqNum 341 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.94
-113.94
-113.94
-113.95
-113.95
43.36
43.34
43.32
43.30
43.28
43.26
43.24
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−2500
−5000
−7500
2000
1000
0
Time (UTC)

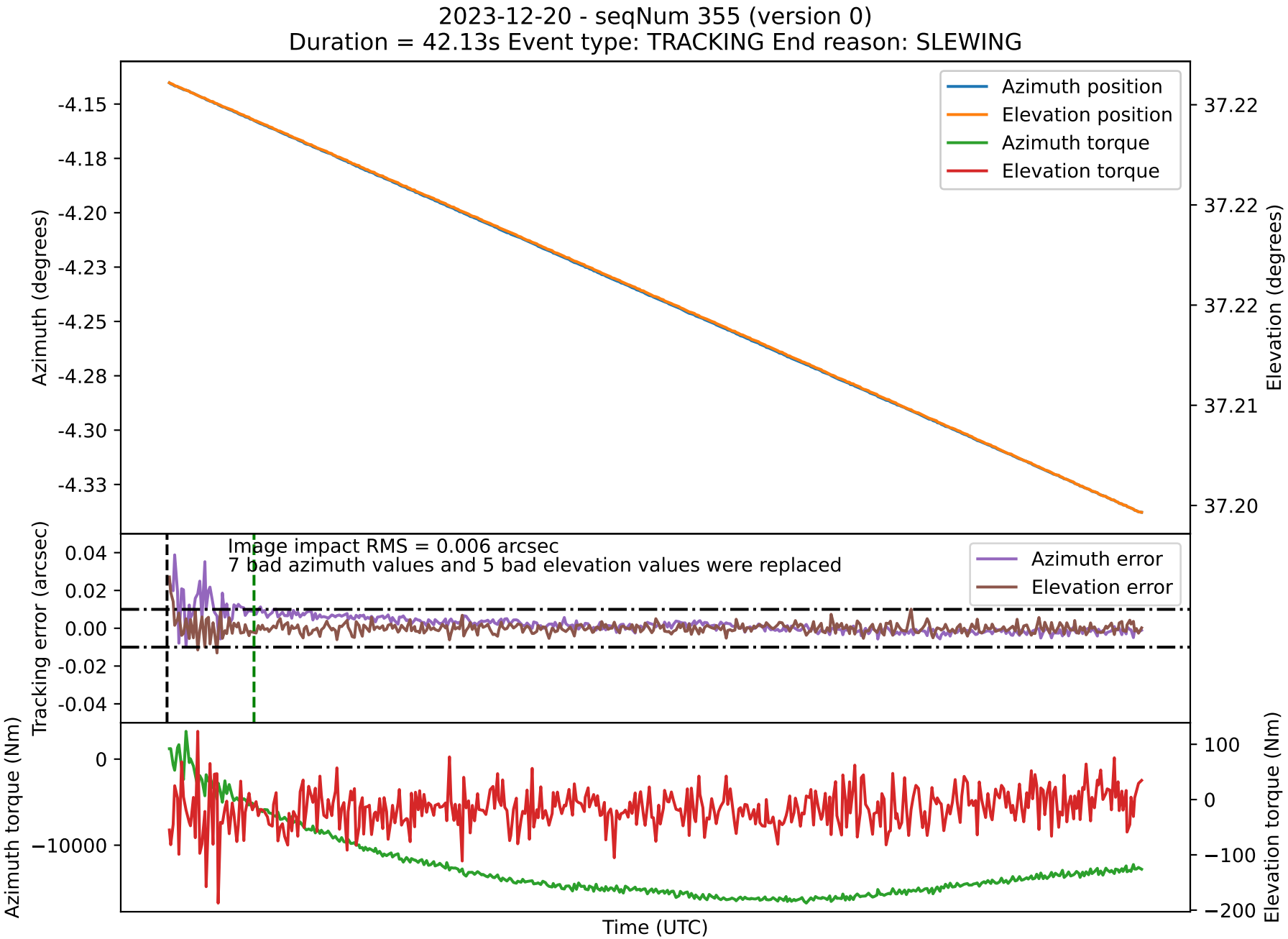

2023-12-20 - seqNum 343 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.89
-113.89
-113.89
-113.89
-113.89
-113.90
-113.90
46.10
46.08
46.06
46.04
46.02
46.00
45.98
45.96
Image impact RMS = 0.005 arcsec
15 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
2500
0
−2500
1000
0
Time (UTC)

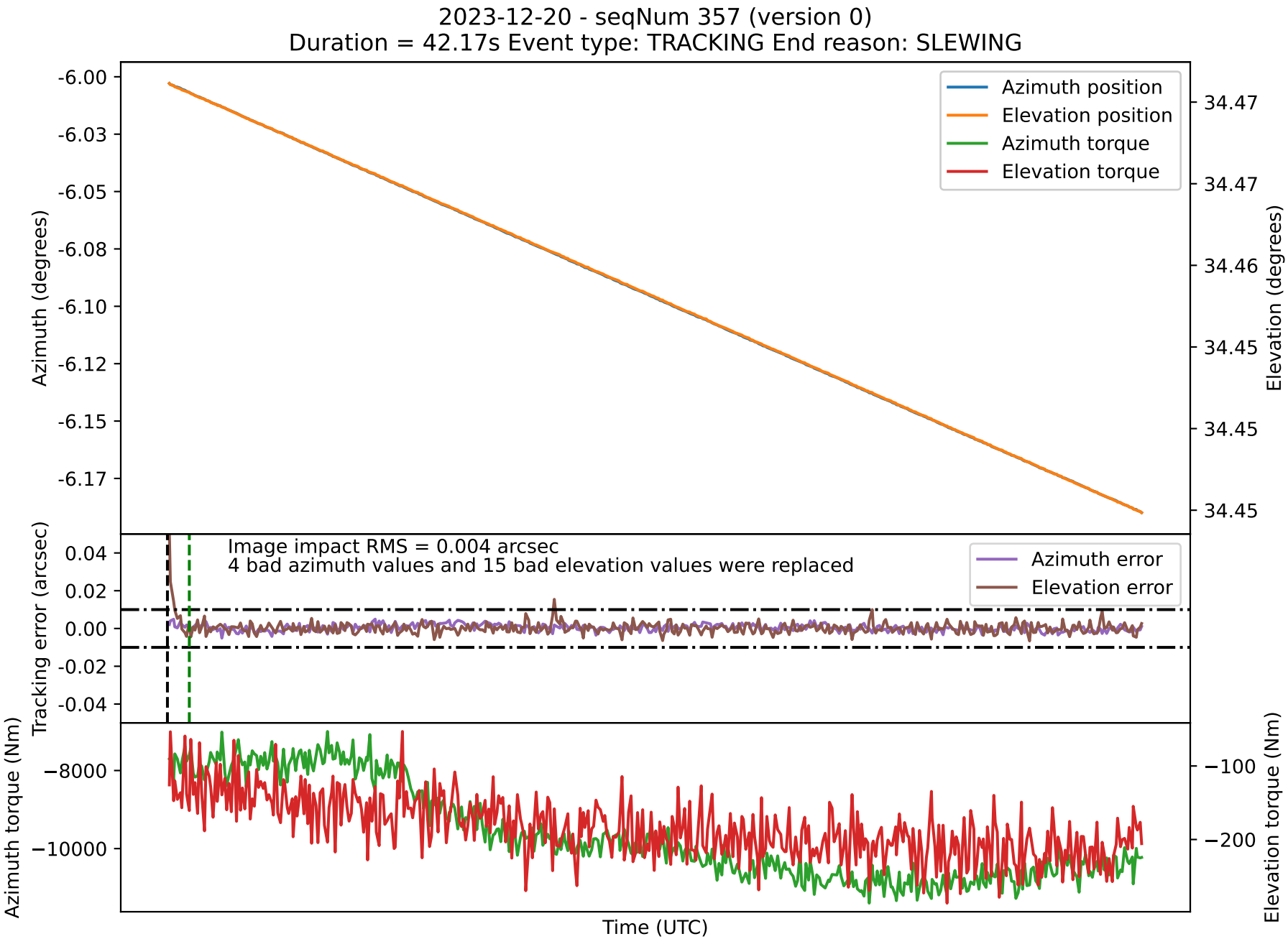

2023-12-20 - seqNum 347 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.60
-3.65
-3.70
-3.75
-3.80
47.85
47.85
47.84
47.84
47.84
47.84
47.84
47.83
47.83
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−800
−900
−1000
−1100
Time (UTC)

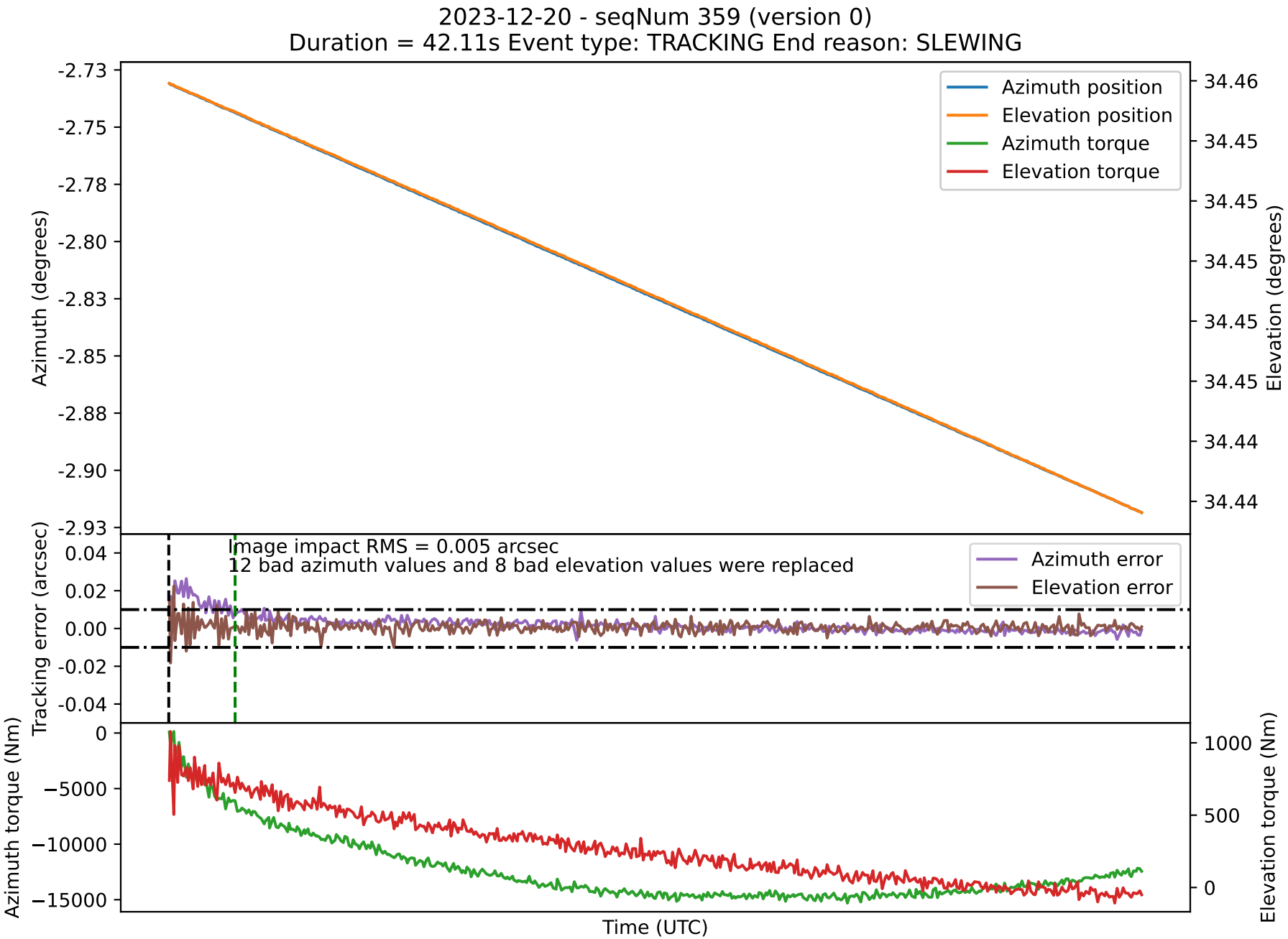

2023-12-20 - seqNum 349 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.90
-5.95
-6.00
-6.05
-6.10
45.24
45.24
45.23
45.23
45.22
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−400
−600
Time (UTC)

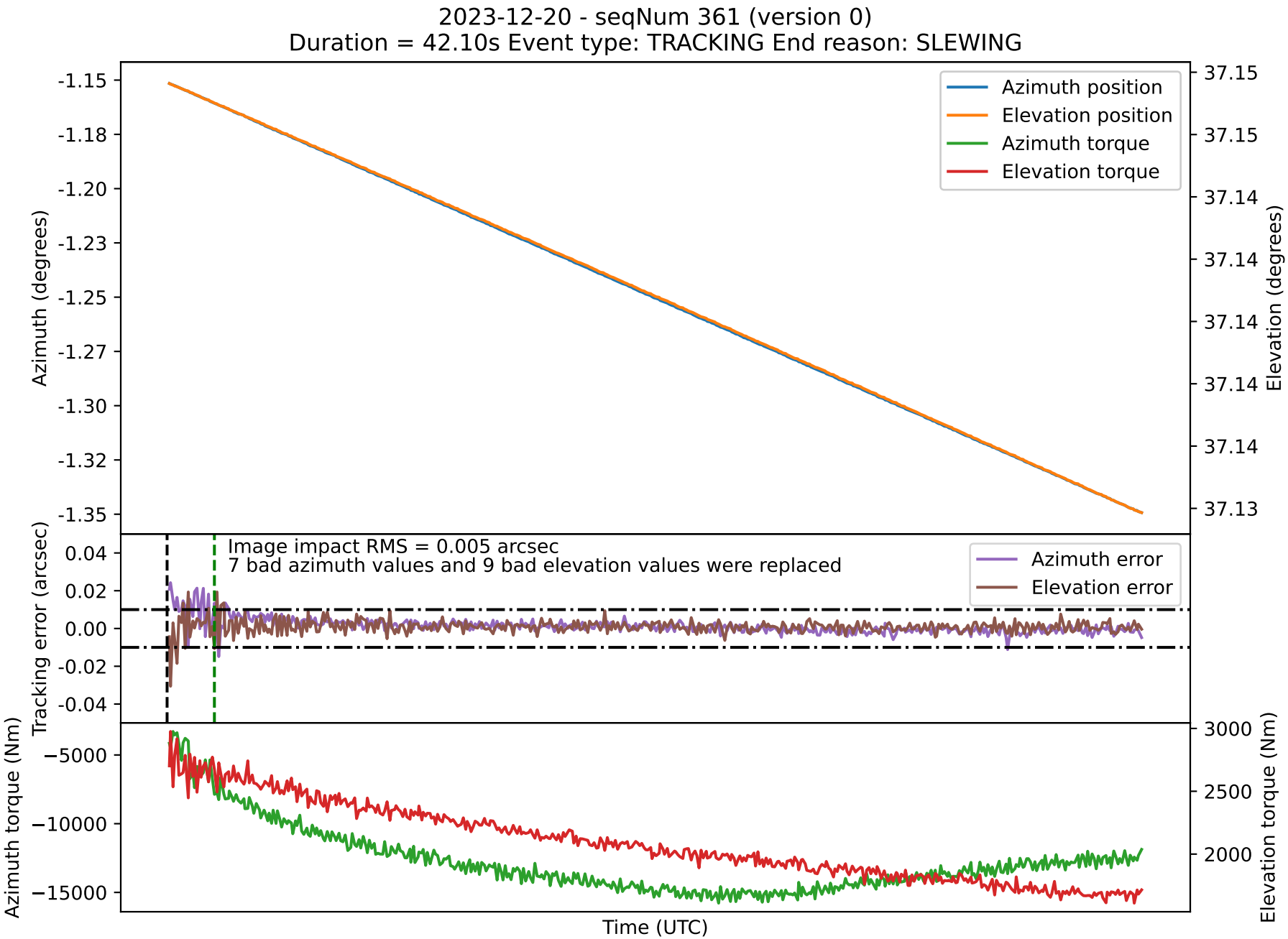

2023-12-20 - seqNum 351 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.90
-3.95
-4.00
-4.05
-4.10
42.61
42.61
42.60
42.60
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−300
−400
−500
Time (UTC)

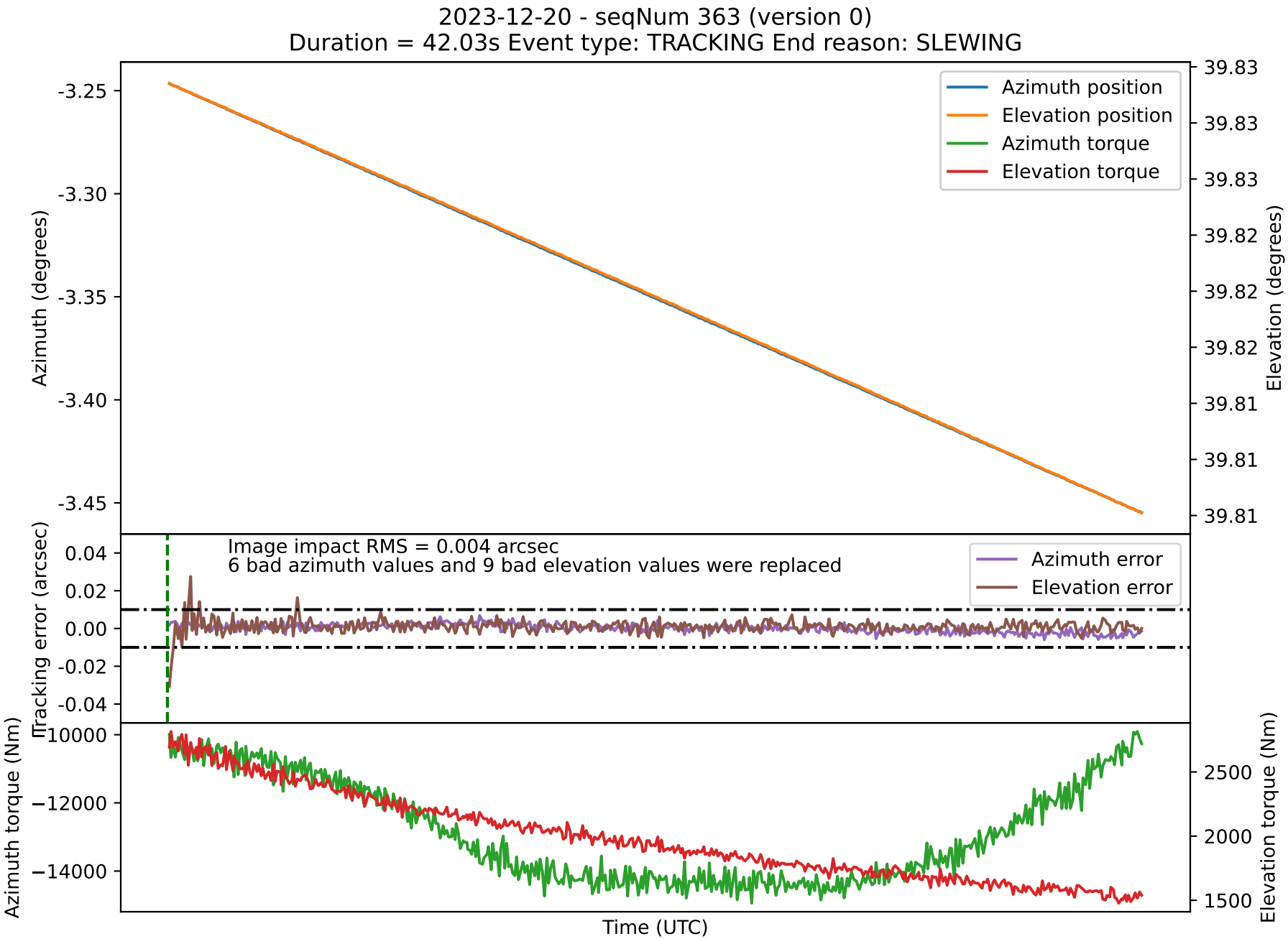

2023-12-20 - seqNum 353 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.95
-6.00
-6.05
-6.10
-6.15
39.93
39.92
39.92
39.92
39.91
39.91
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
−200
−300
−400
−500
Time (UTC)

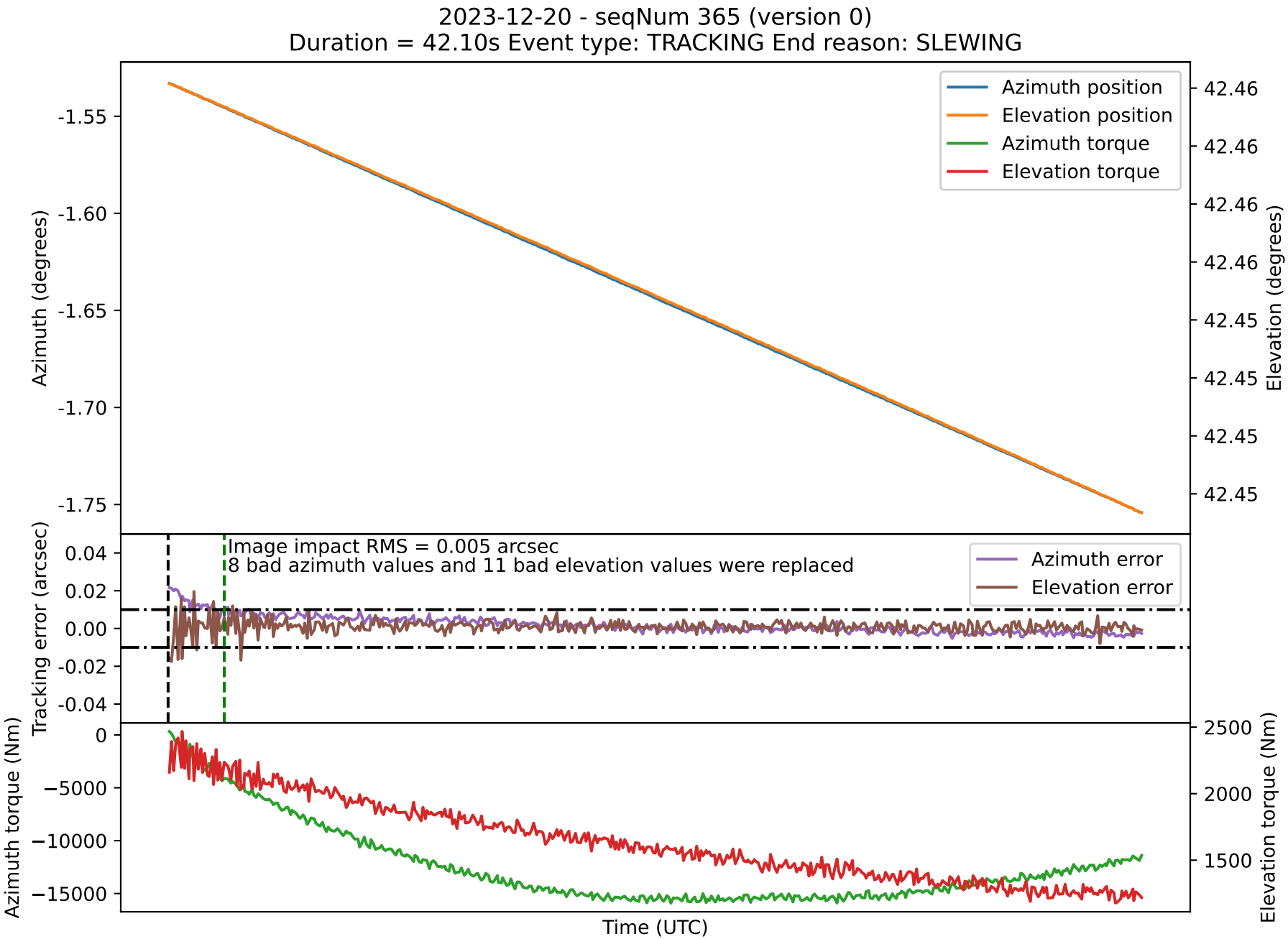

2023-12-20 - seqNum 355 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-4.15
-4.18
-4.20
-4.23
-4.25
-4.28
-4.30
-4.33
37.22
37.22
37.22
37.21
37.20
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
100
0
−100
−200
Time (UTC)

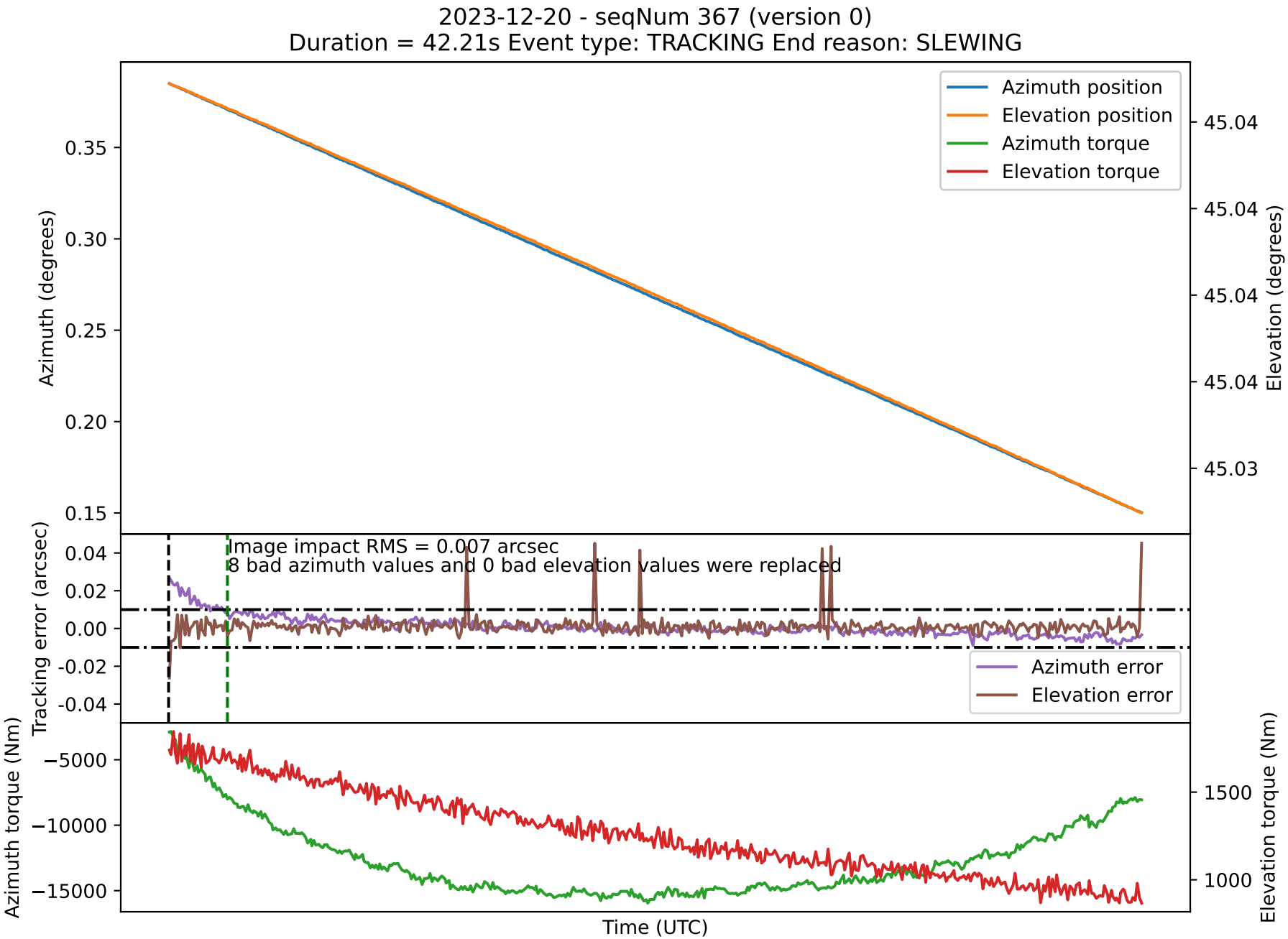

2023-12-20 - seqNum 357 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-6.00
-6.03
-6.05
-6.08
-6.10
-6.12
-6.15
-6.17
34.47
34.47
34.46
34.45
34.45
34.45
Image impact RMS = 0.004 arcsec
4 bad azimuth values and 15 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−100
−200
Time (UTC)

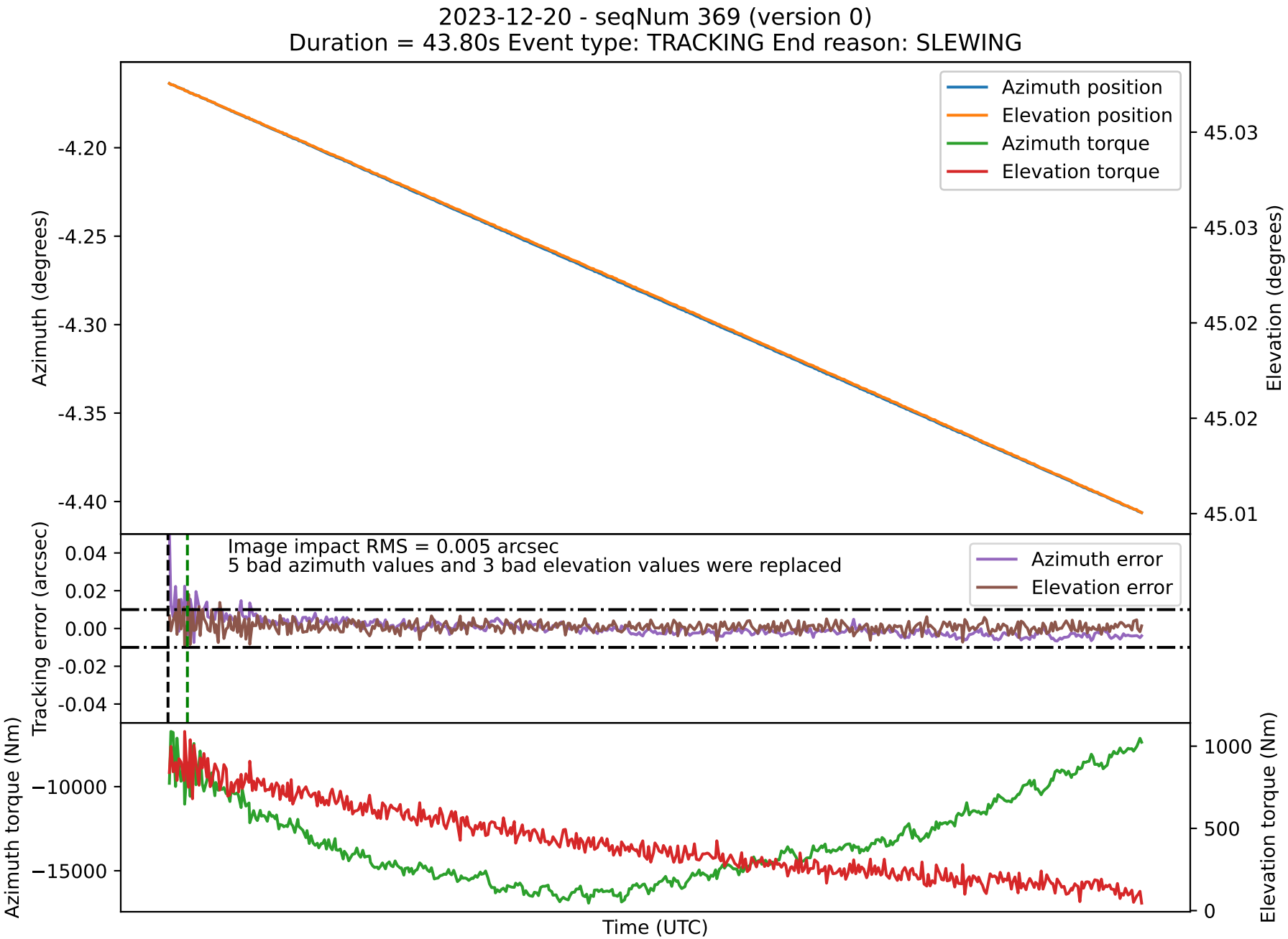

2023-12-20 - seqNum 359 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-2.73
-2.75
-2.78
-2.80
-2.83
-2.85
-2.88
-2.90
-2.93
34.46
34.45
34.45
34.45
34.45
34.45
34.44
34.44
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
1000
500
0
Time (UTC)

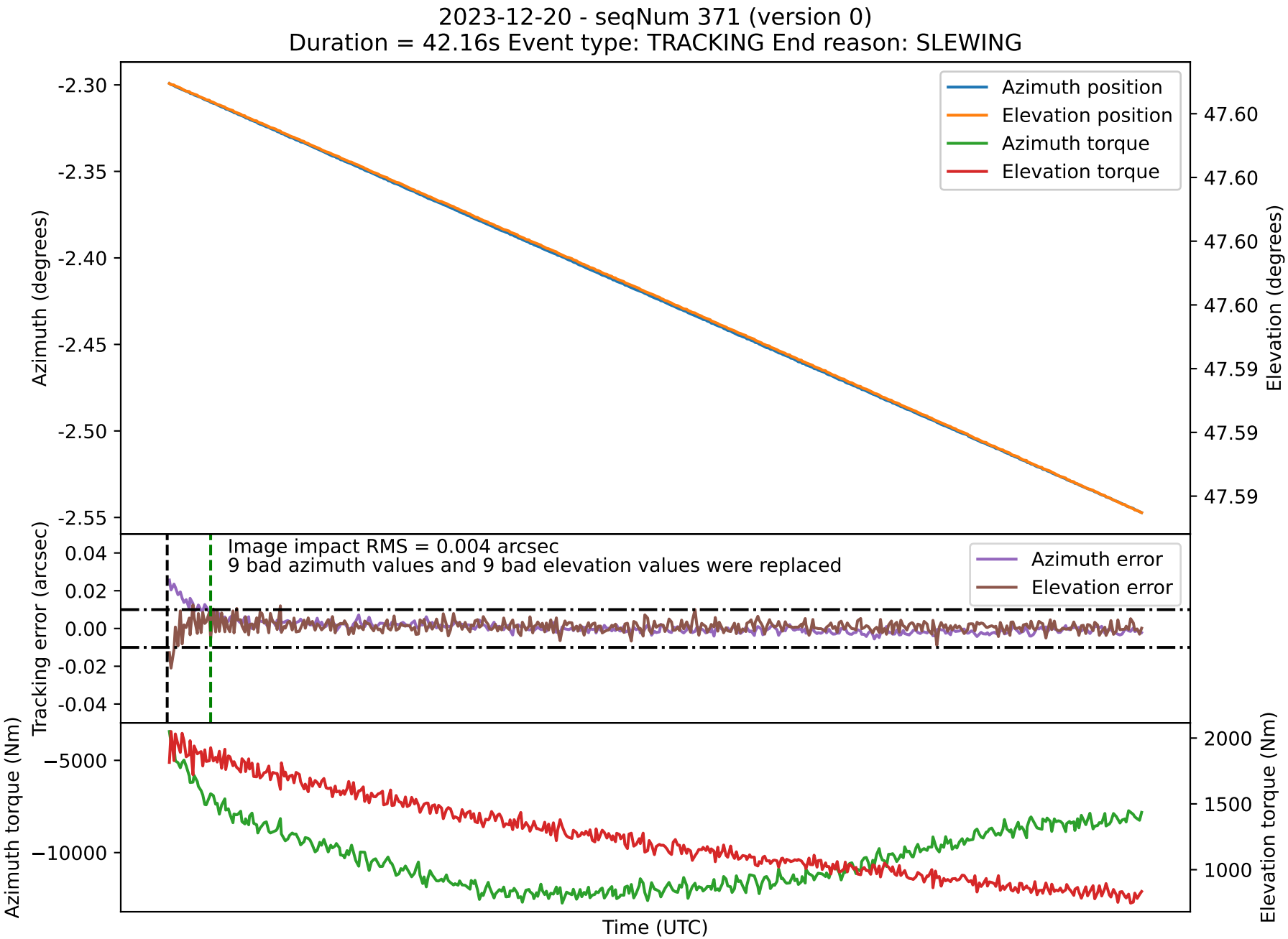

2023-12-20 - seqNum 361 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-1.15
-1.18
-1.20
-1.23
-1.25
-1.27
-1.30
-1.32
-1.35
37.15
37.15
37.14
37.14
37.14
37.14
37.14
37.13
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
3000
2500
2000
Time (UTC)

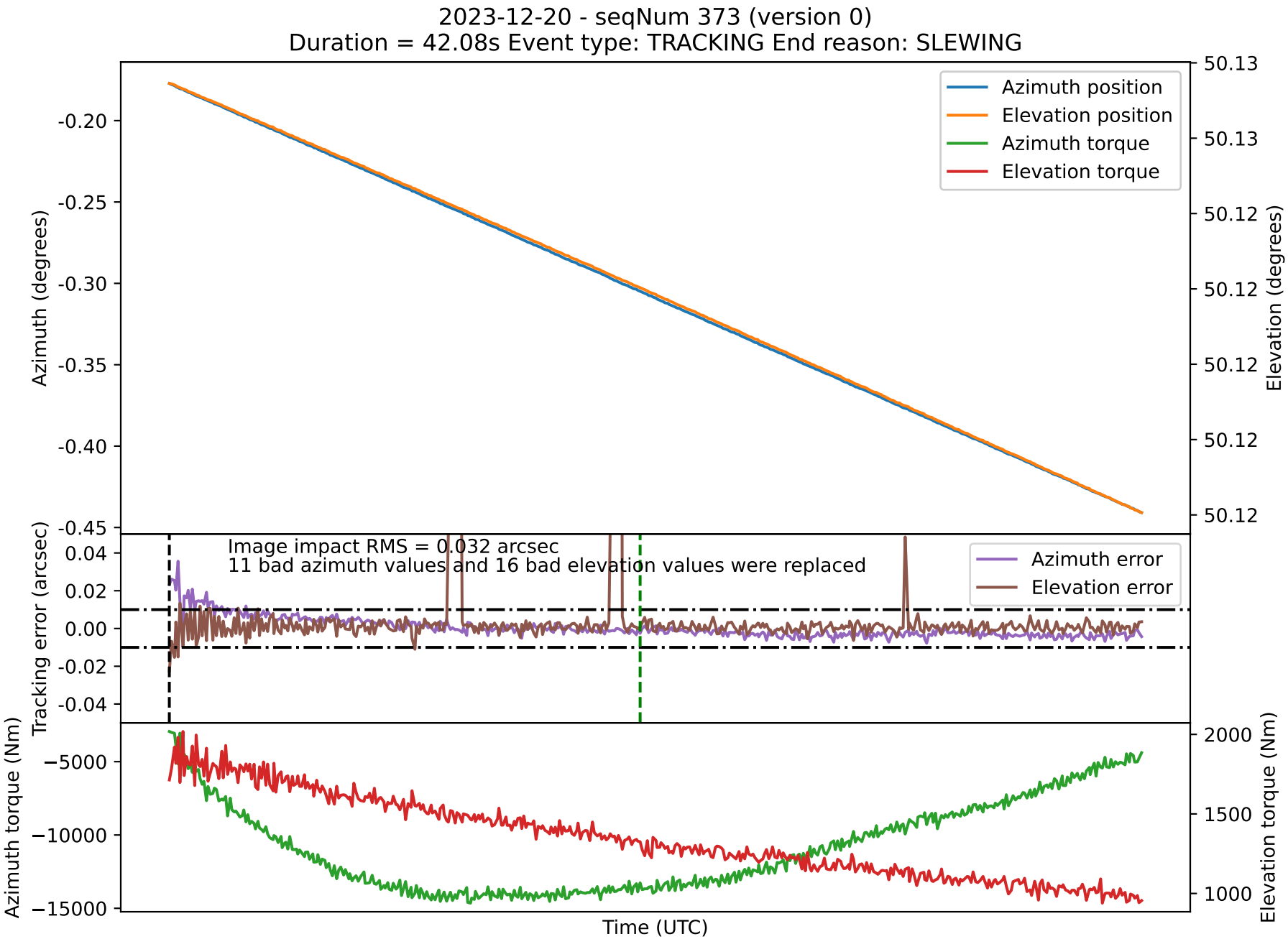

2023-12-20 - seqNum 363 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.25
-3.30
-3.35
-3.40
-3.45
39.83
39.83
39.83
39.82
39.82
39.82
39.81
39.81
39.81
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−12000
−14000
2500
2000
1500
Time (UTC)

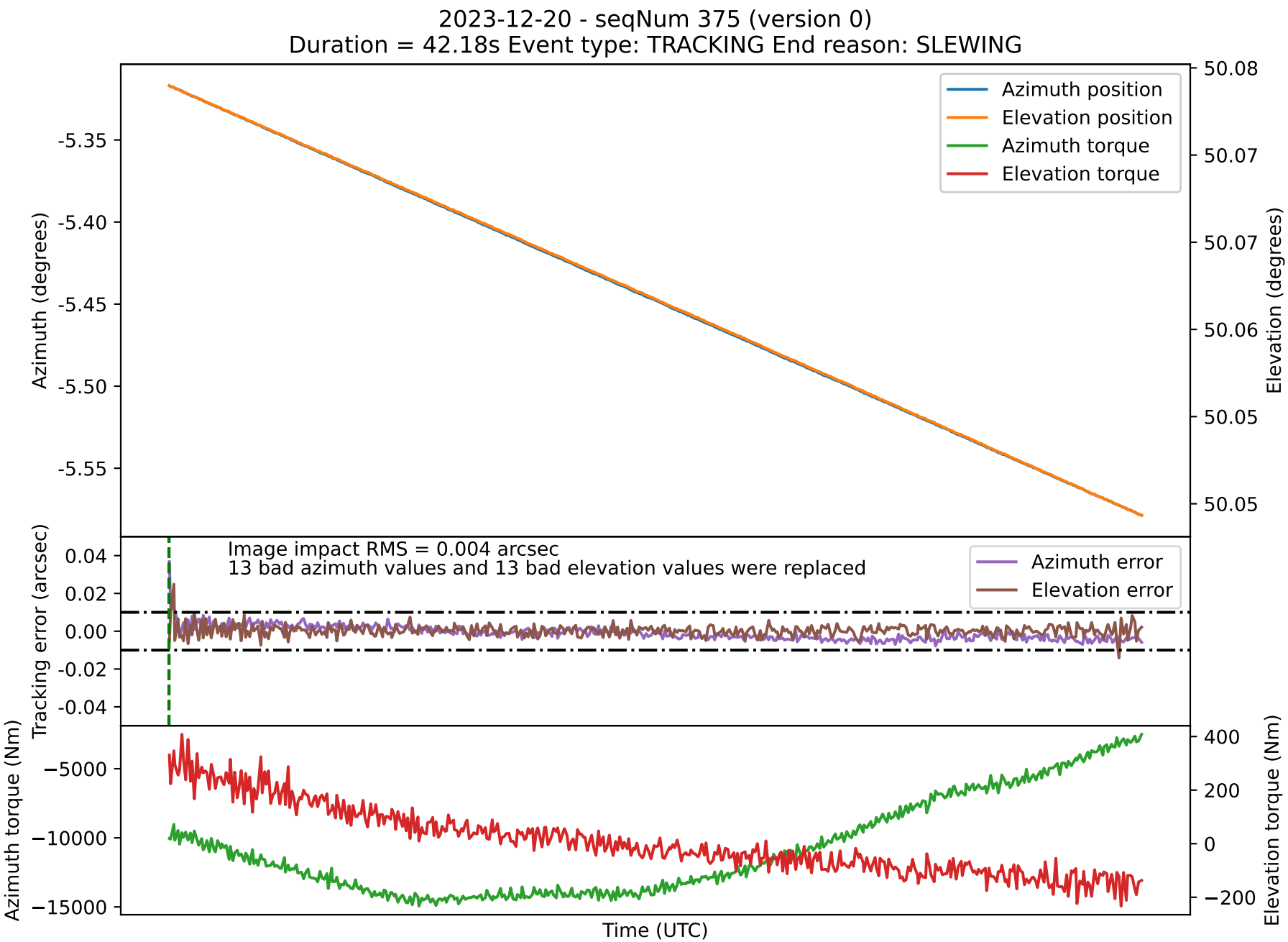

2023-12-20 - seqNum 365 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-1.55
-1.60
-1.65
-1.70
-1.75
42.46
42.46
42.46
42.46
42.45
42.45
42.45
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
2500
2000
1500
Time (UTC)

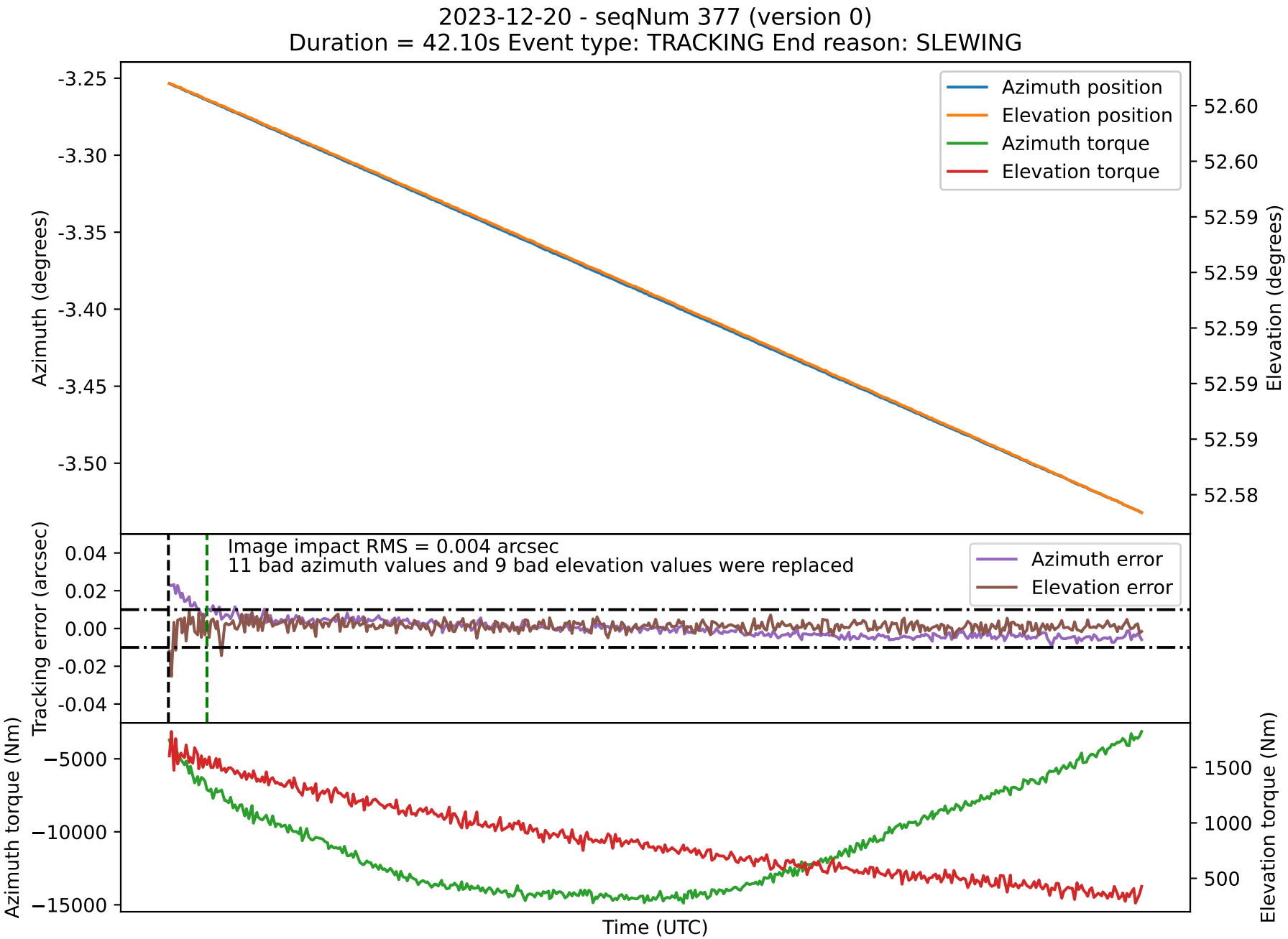

2023-12-20 - seqNum 367 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
0.35
0.30
0.25
0.20
0.15
45.04
45.04
45.04
45.04
45.03
Image impact RMS = 0.007 arcsec
8 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
1500
1000
Time (UTC)

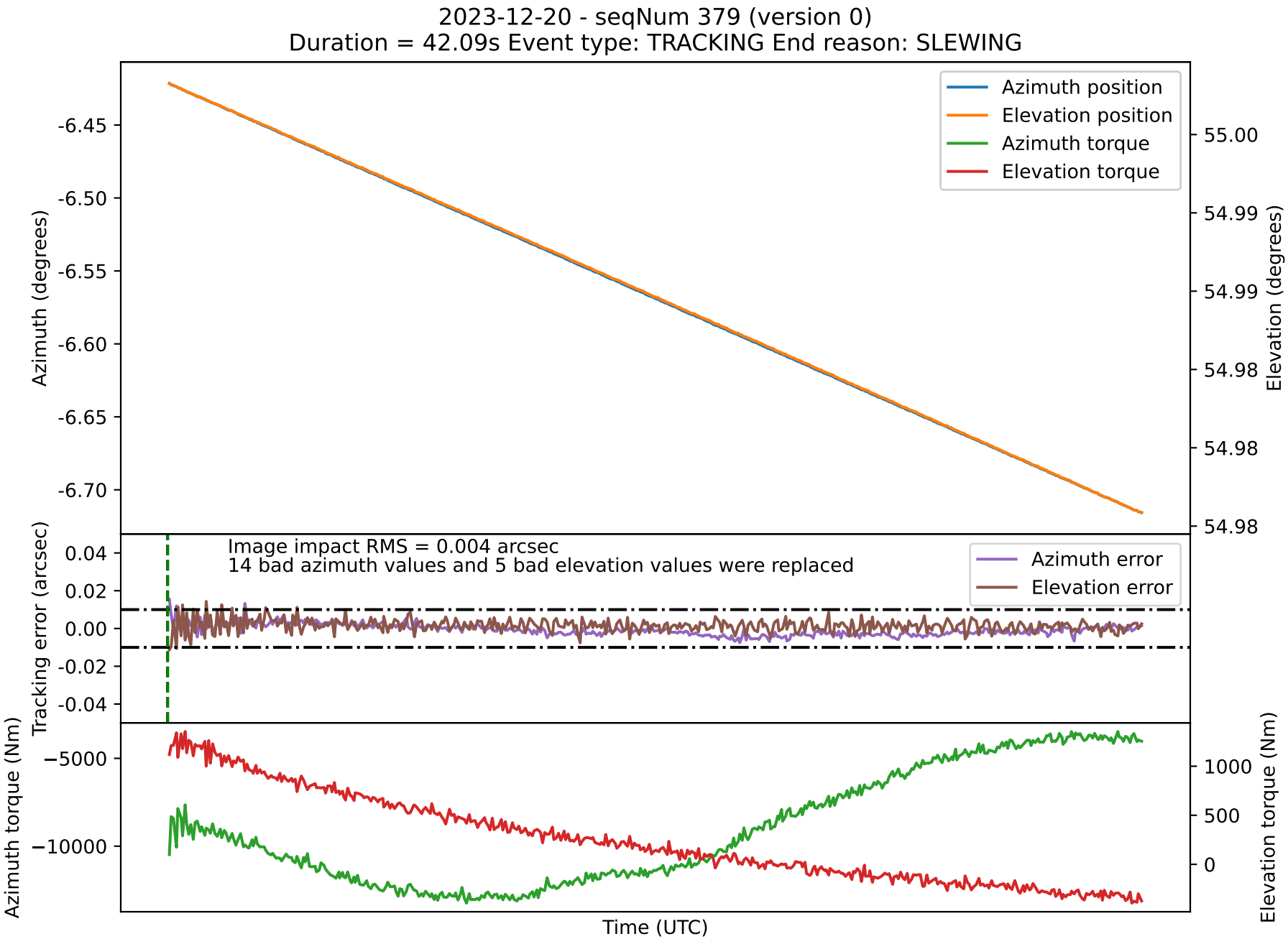

2023-12-20 - seqNum 369 (version 0)
Duration = 43.80s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-4.20
-4.25
-4.30
-4.35
-4.40
45.03
45.03
45.02
45.02
45.01
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
1000
500
0
Time (UTC)

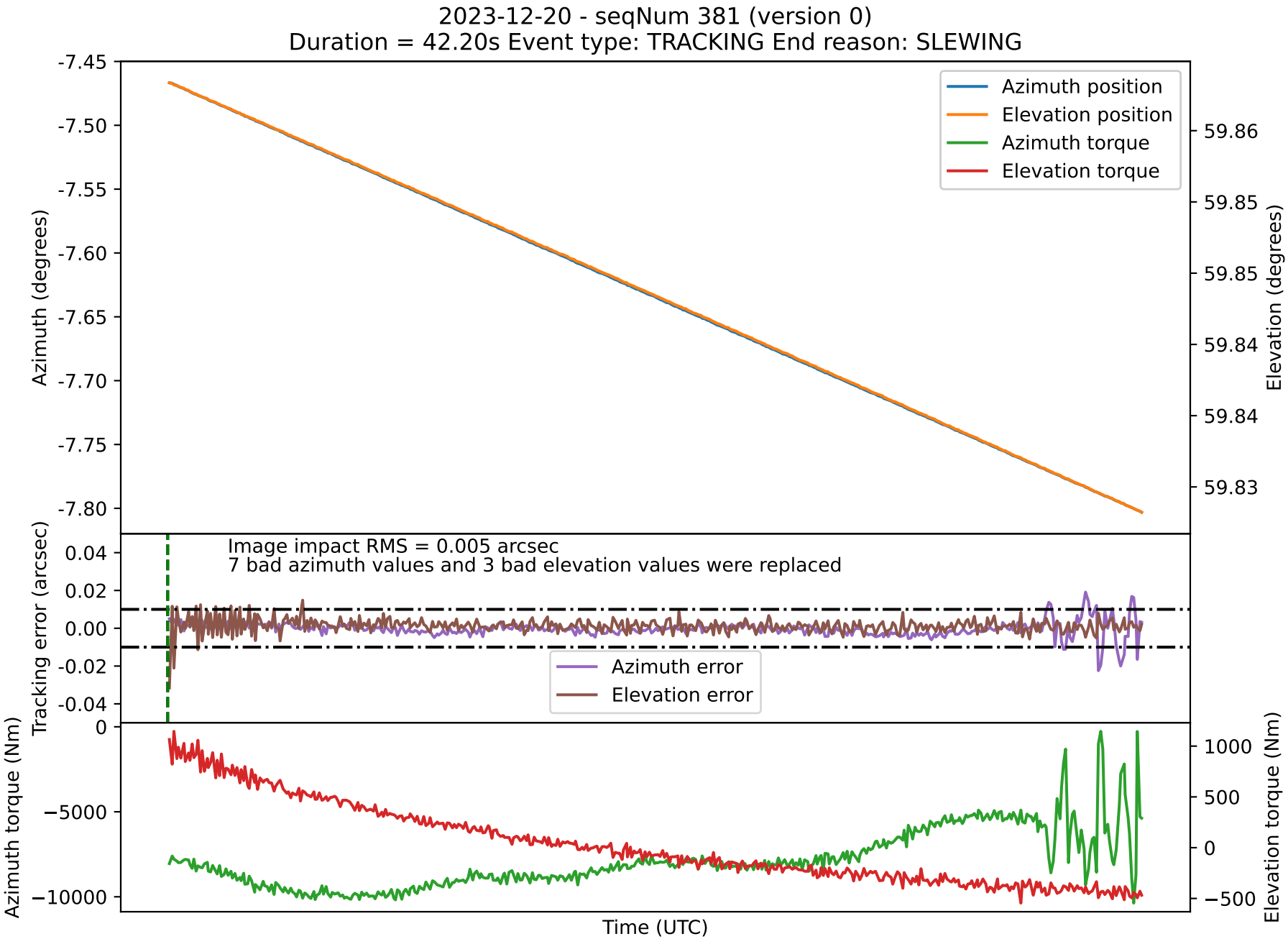

2023-12-20 - seqNum 371 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-2.30
-2.35
-2.40
-2.45
-2.50
-2.55
47.60
47.60
47.60
47.60
47.59
47.59
47.59
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
2000
1500
1000
Time (UTC)

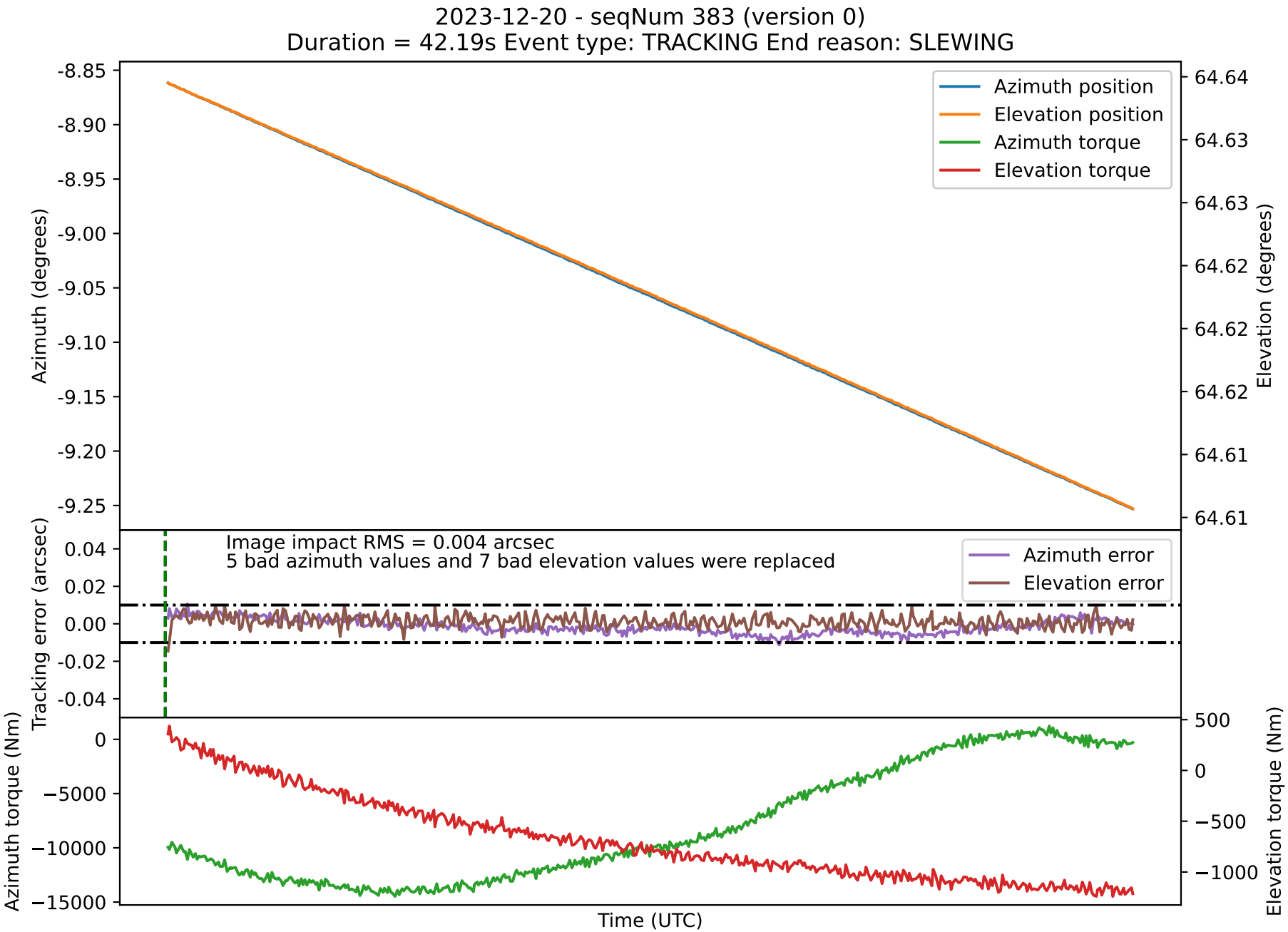

2023-12-20 - seqNum 373 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-0.20
-0.25
-0.30
-0.35
-0.40
-0.45
50.13
50.13
50.12
50.12
50.12
50.12
50.12
Image impact RMS = 0.032 arcsec
11 bad azimuth values and 16 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
2000
1500
1000
Time (UTC)

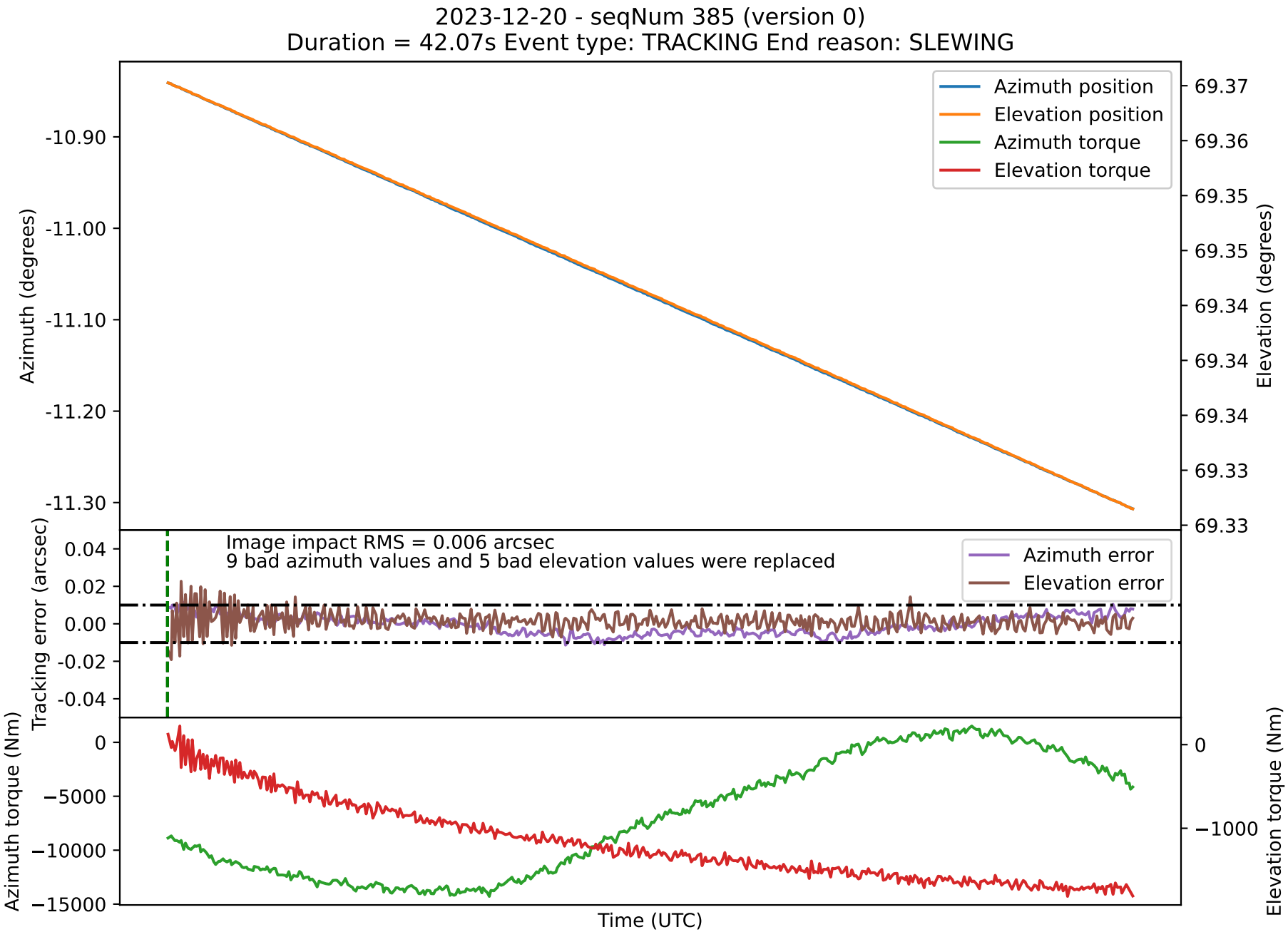

2023-12-20 - seqNum 375 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.35
-5.40
-5.45
-5.50
-5.55
50.08
50.07
50.07
50.06
50.05
50.05
Image impact RMS = 0.004 arcsec
13 bad azimuth values and 13 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
400
200
0
−200
Time (UTC)

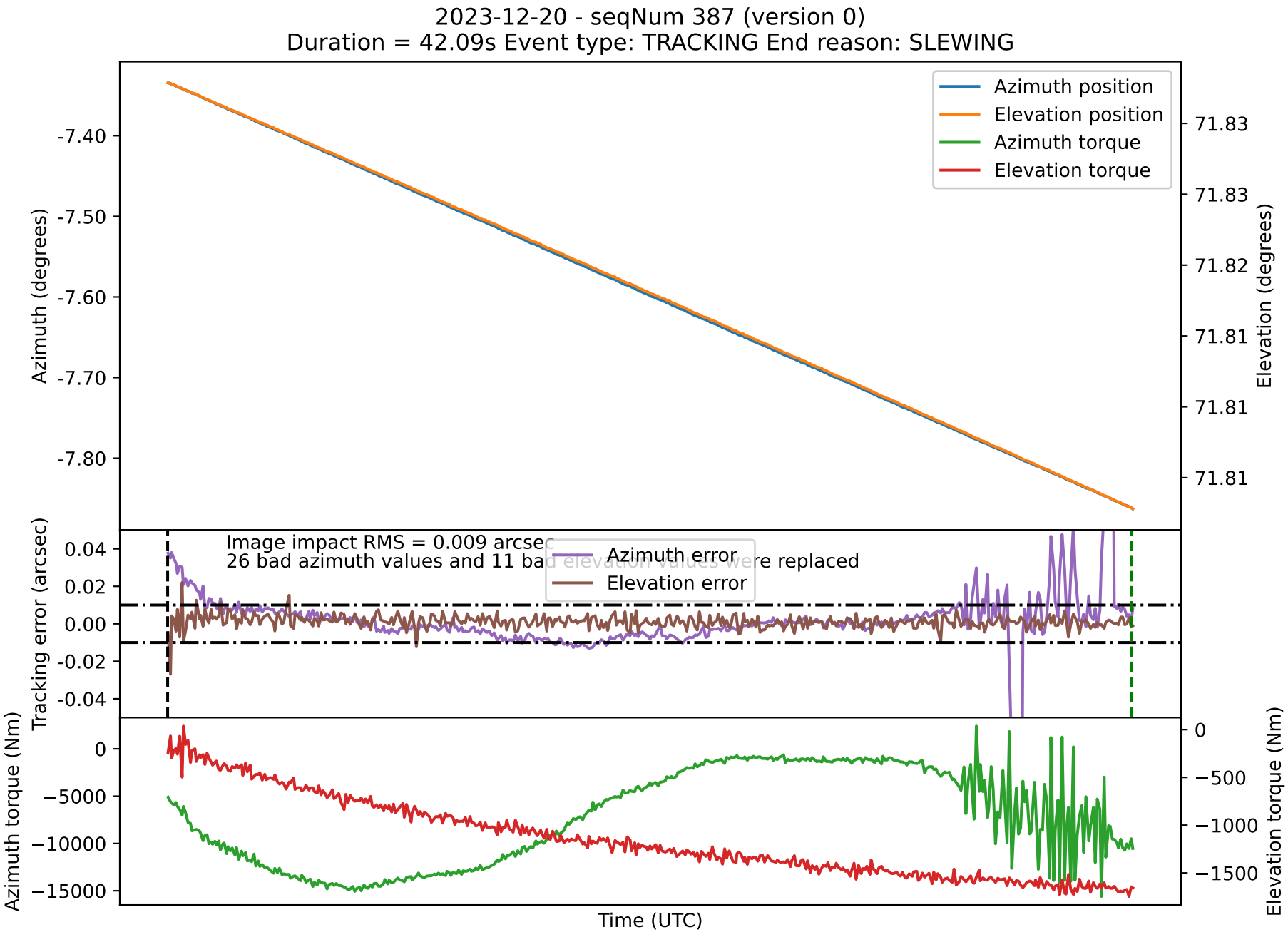

2023-12-20 - seqNum 377 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.25
-3.30
-3.35
-3.40
-3.45
-3.50
52.60
52.60
52.59
52.59
52.59
52.59
52.59
52.58
Image impact RMS = 0.004 arcsec
11 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
1500
1000
500
Time (UTC)

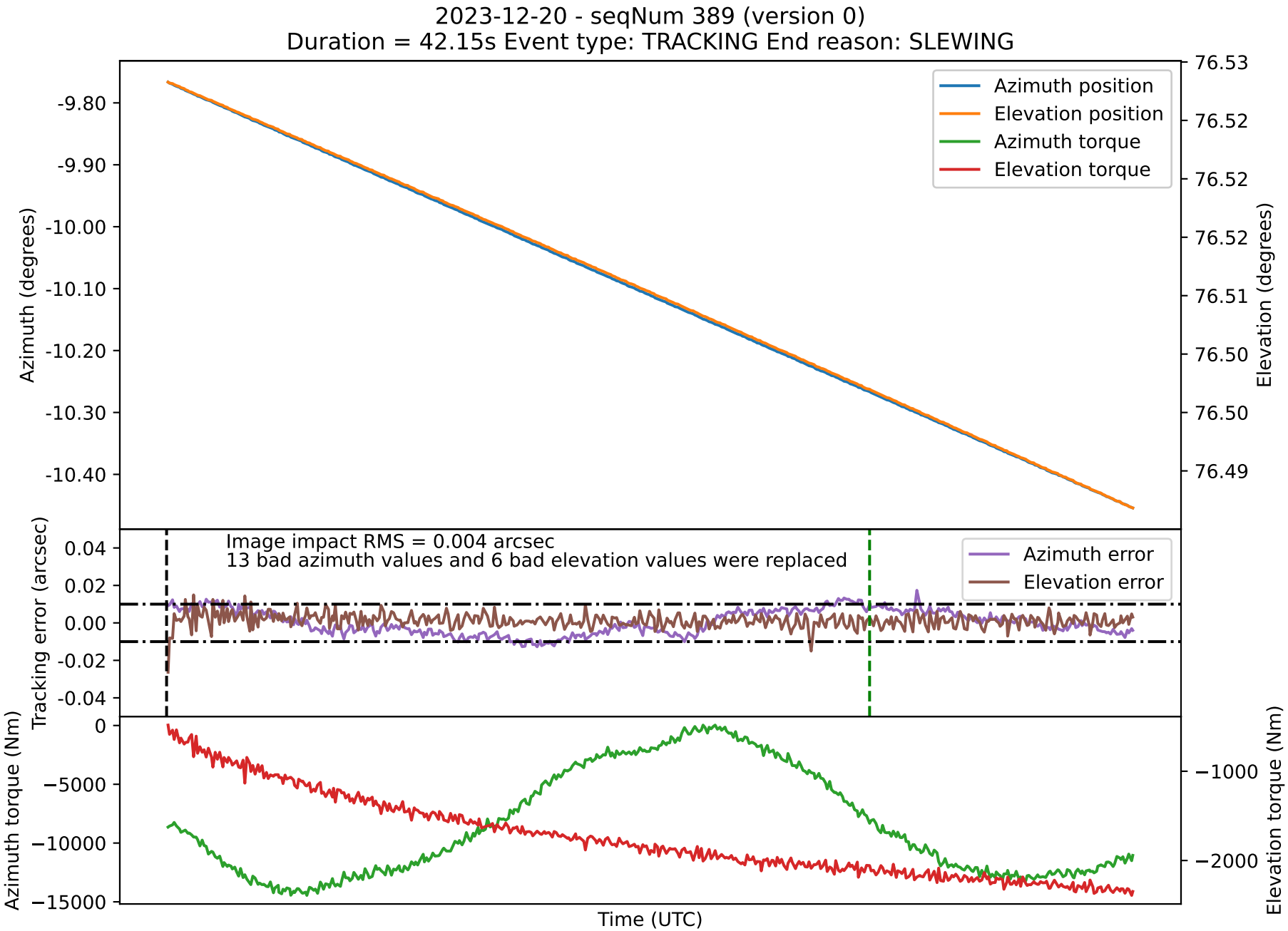

2023-12-20 - seqNum 379 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-6.45
-6.50
-6.55
-6.60
-6.65
-6.70
55.00
54.99
54.99
54.98
54.98
54.98
Image impact RMS = 0.004 arcsec
14 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
1000
500
0
Time (UTC)

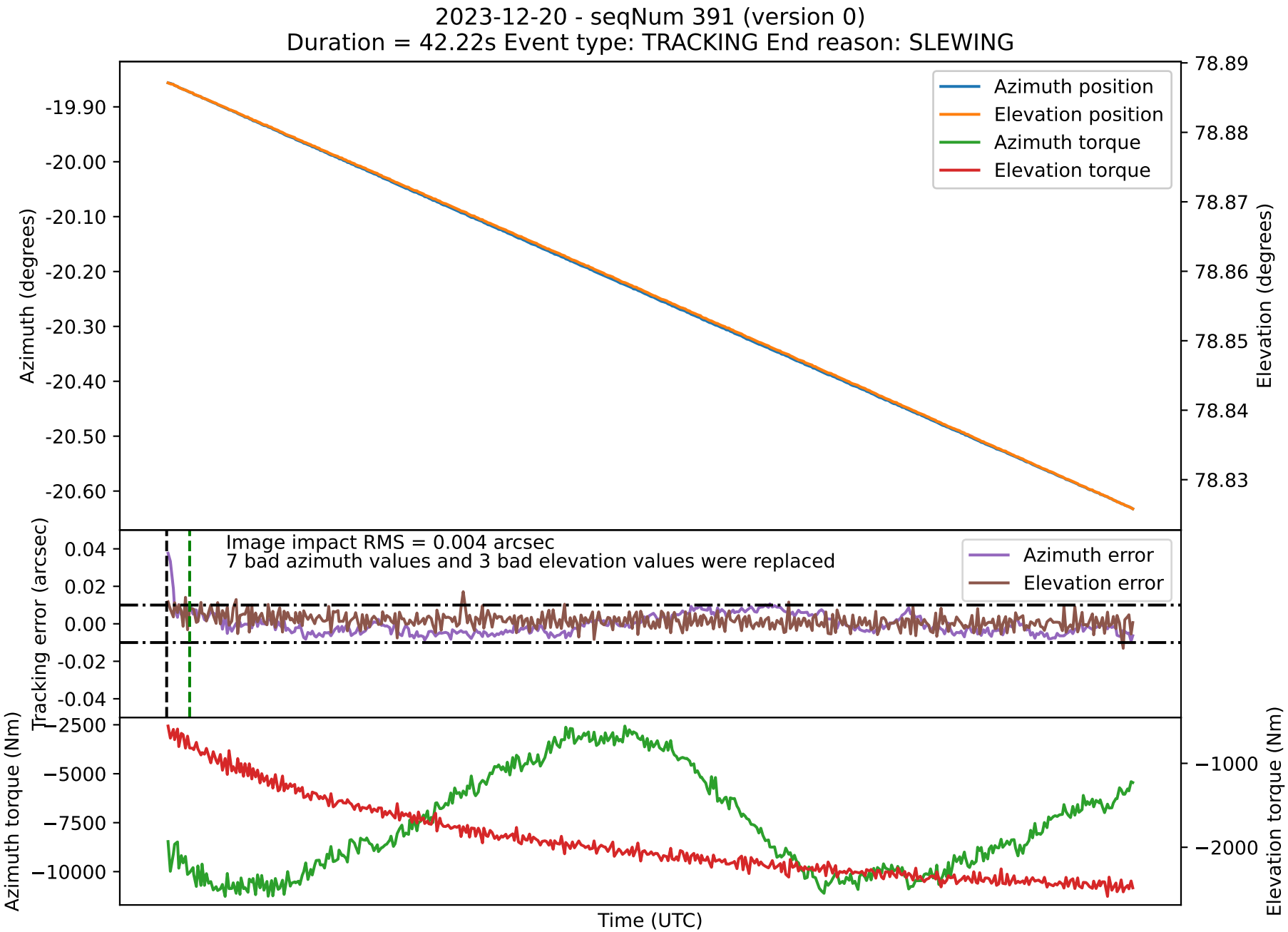

2023-12-20 - seqNum 381 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.45
-7.50
-7.55
-7.60
-7.65
-7.70
-7.75
-7.80
59.86
59.85
59.85
59.84
59.84
59.83
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 3 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
1000
500
0
−500
Time (UTC)

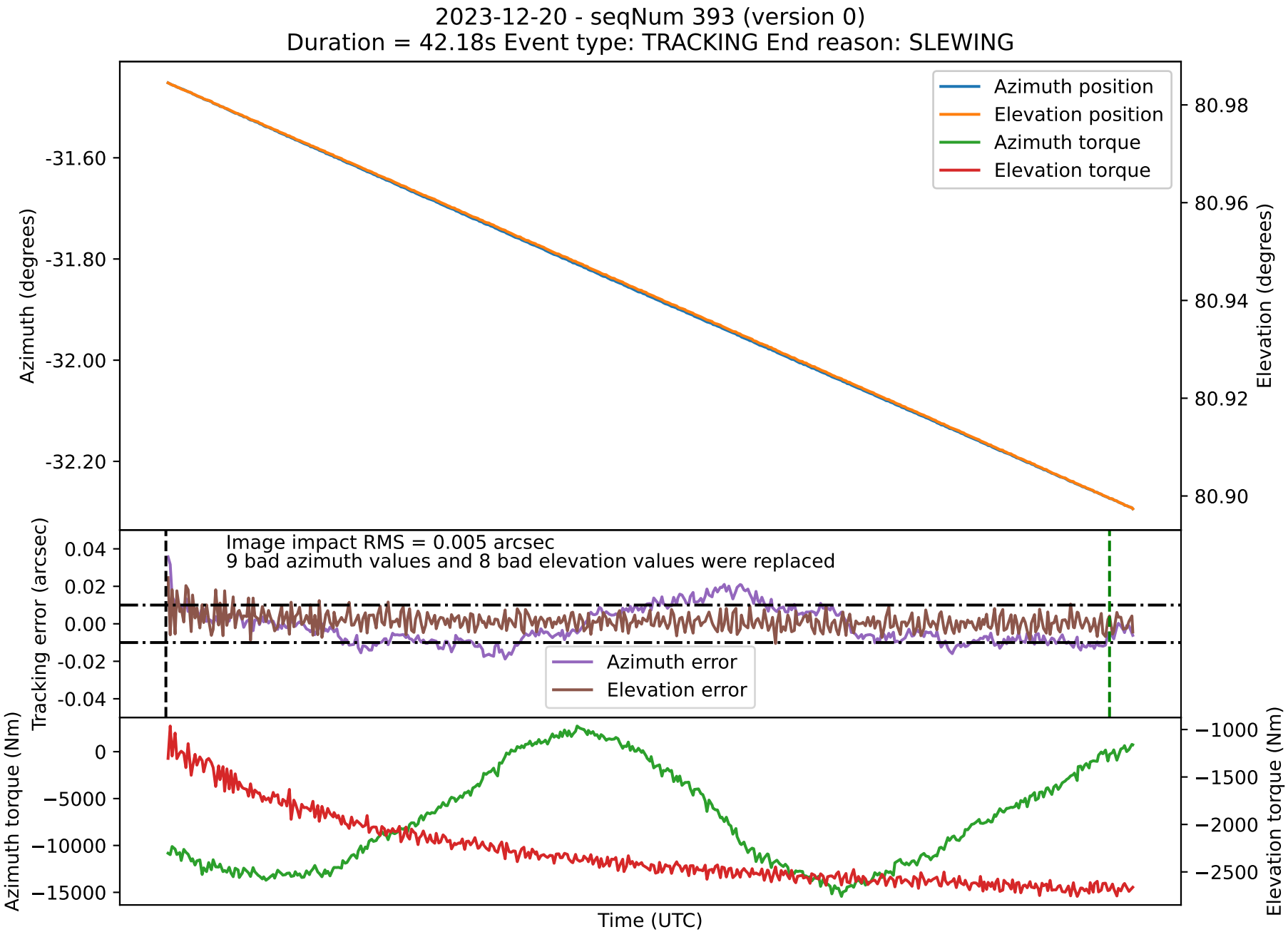

2023-12-20 - seqNum 383 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-8.85
-8.90
-8.95
-9.00
-9.05
-9.10
-9.15
-9.20
-9.25
64.64
64.63
64.63
64.62
64.62
64.62
64.61
64.61
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
500
0
−500
−1000
Time (UTC)

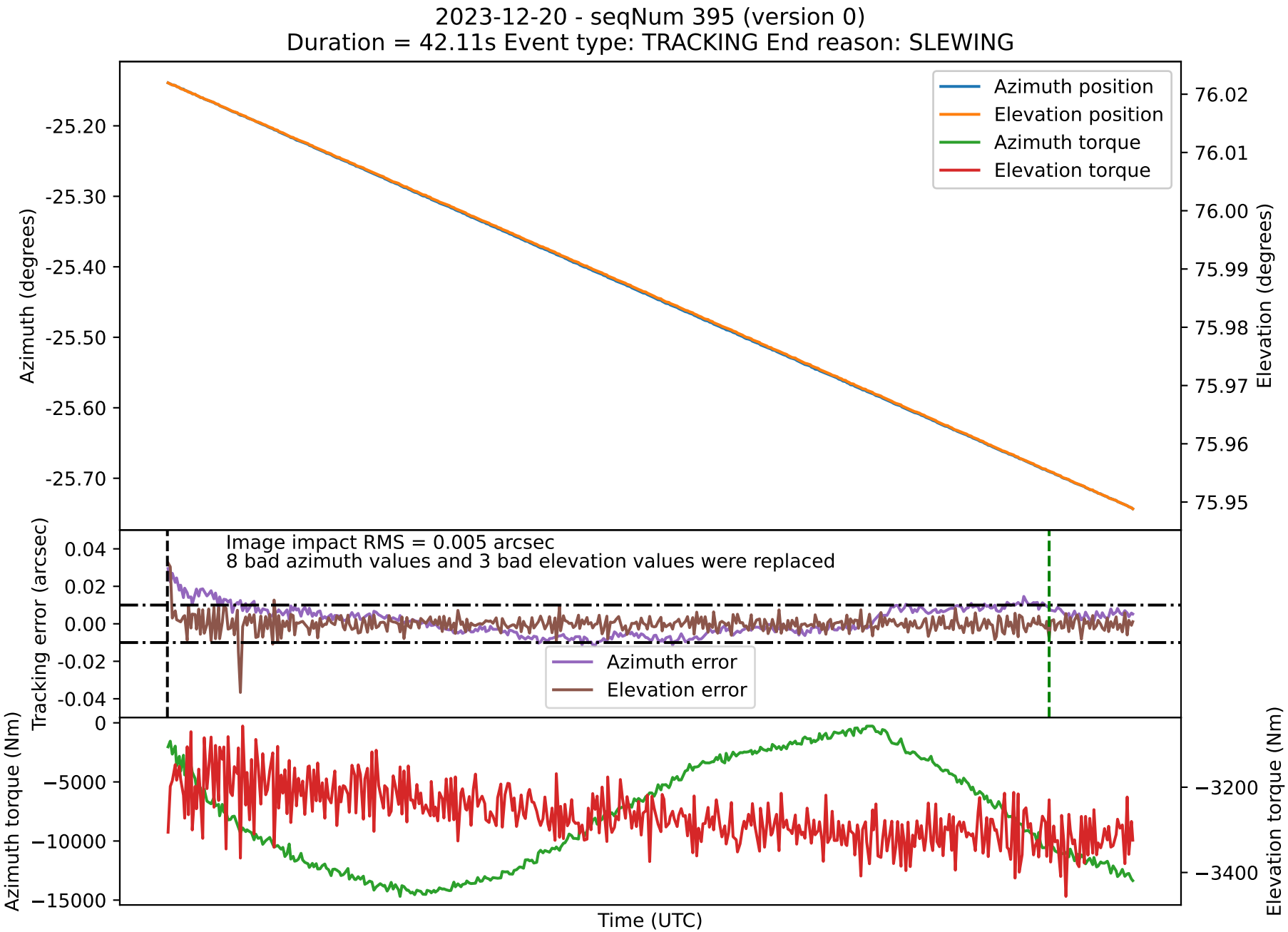

2023-12-20 - seqNum 385 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-10.90
-11.00
-11.10
-11.20
-11.30
69.37
69.36
69.35
69.35
69.34
69.34
69.34
69.33
69.33
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
0
−1000
Time (UTC)

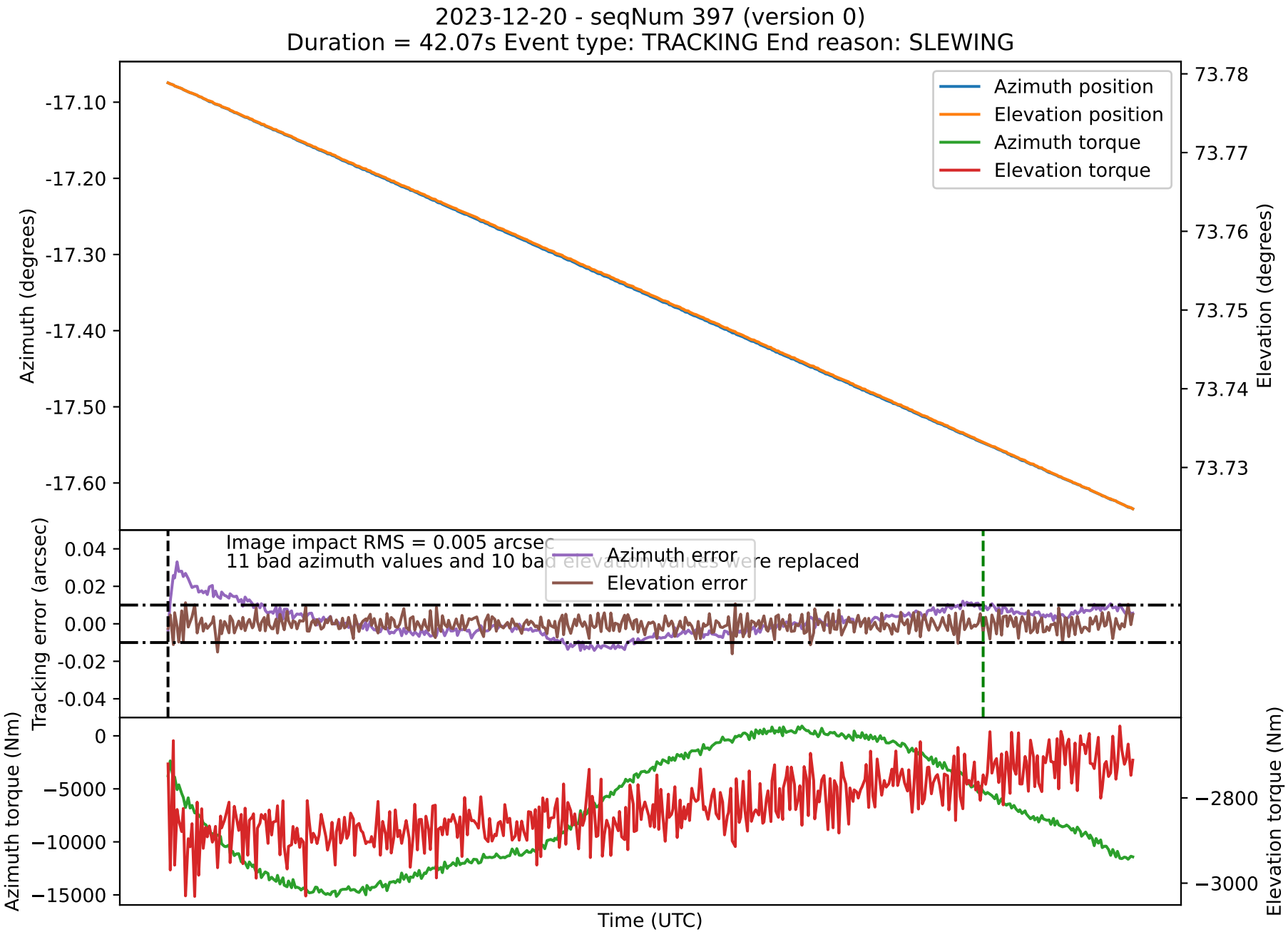

2023-12-20 - seqNum 387 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.40
-7.50
-7.60
-7.70
-7.80
71.83
71.83
71.82
71.81
71.81
71.81
Image impact RMS = 0.009 arcsec
26 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
0
−500
−1000
−1500
Time (UTC)

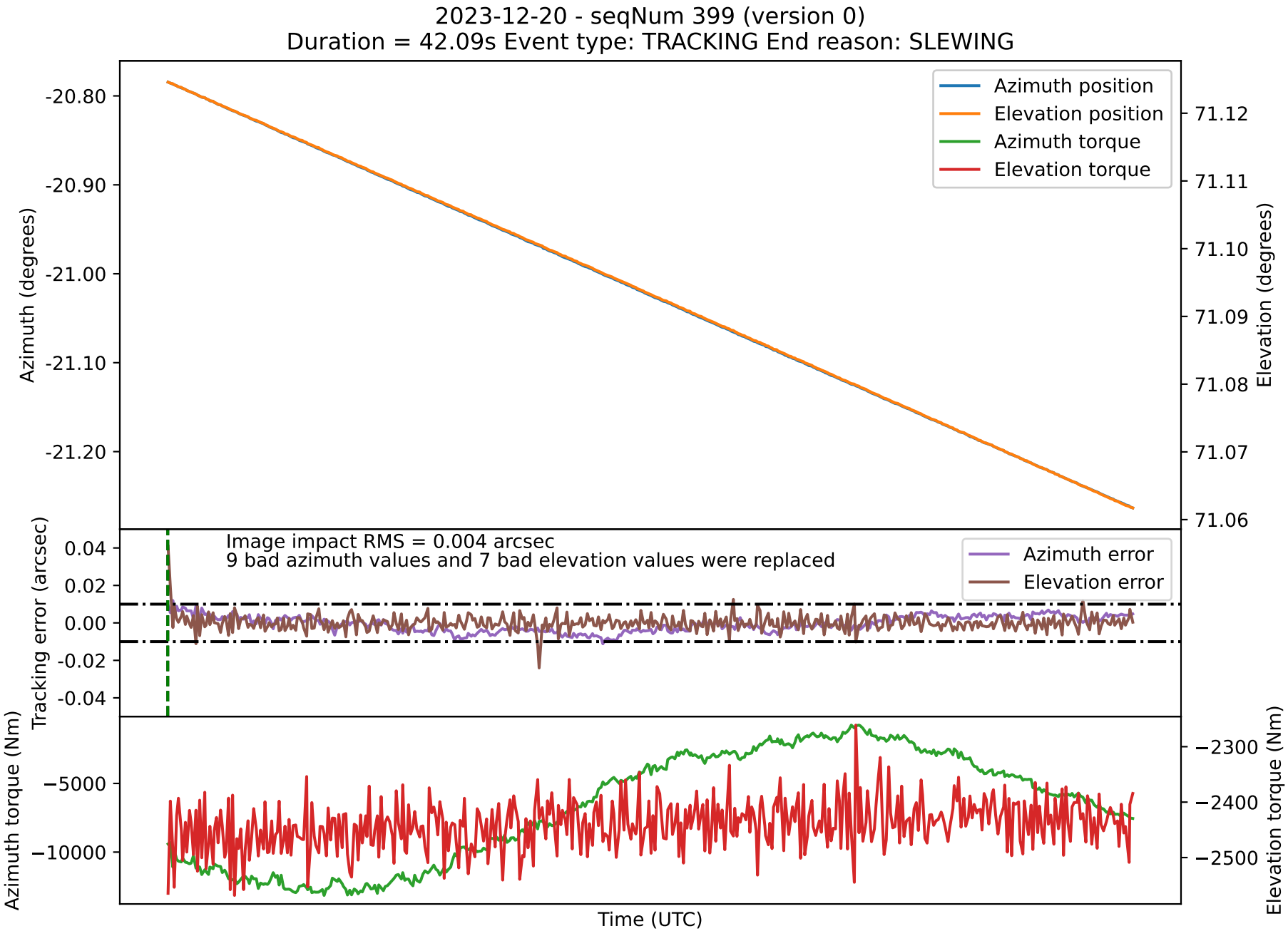

2023-12-20 - seqNum 389 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-9.80
-9.90
-10.00
-10.10
-10.20
-10.30
-10.40
76.53
76.52
76.52
76.52
76.51
76.50
76.50
76.49
Image impact RMS = 0.004 arcsec
13 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

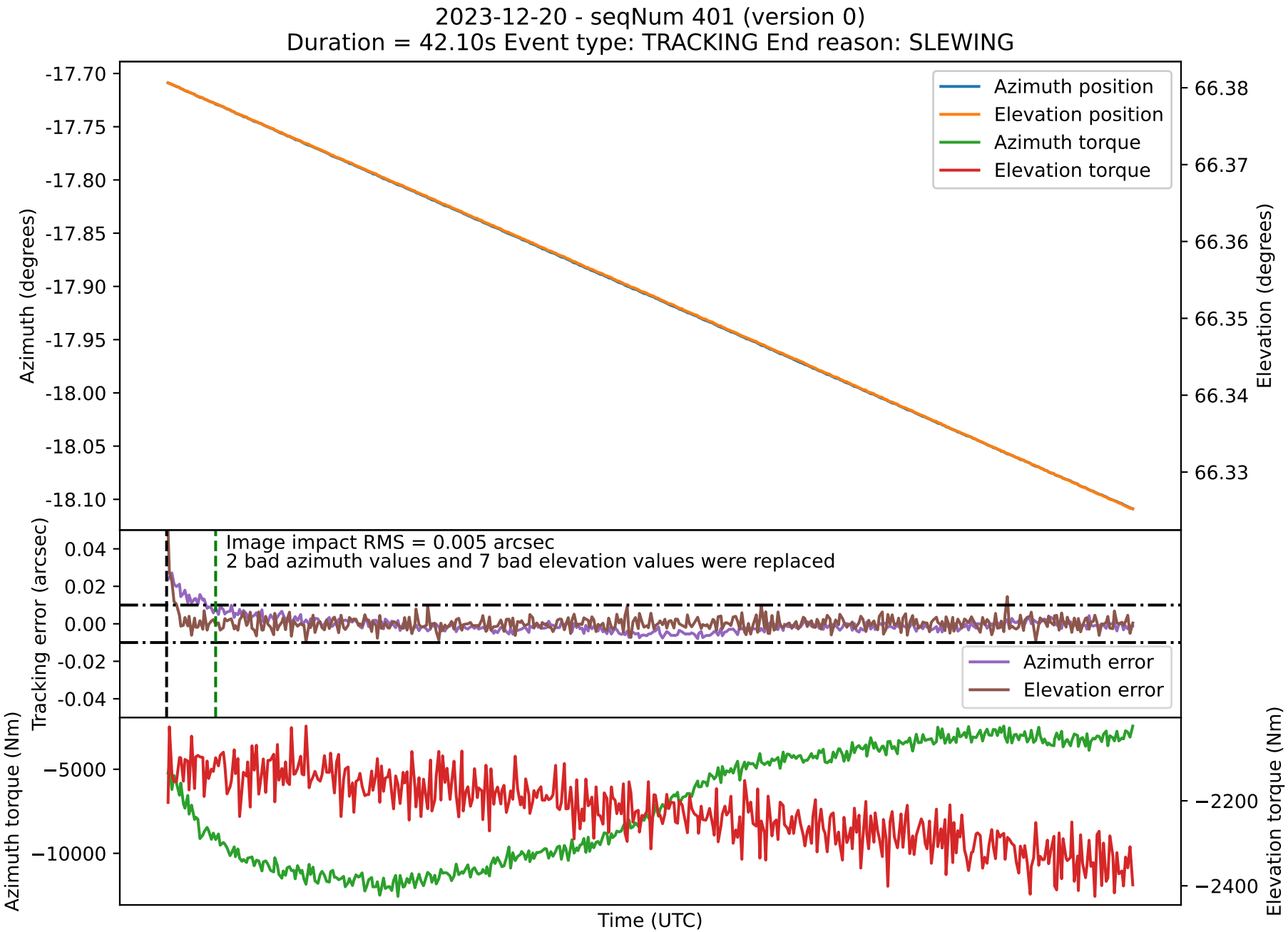

2023-12-20 - seqNum 391 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-19.90
-20.00
-20.10
-20.20
-20.30
-20.40
-20.50
-20.60
78.89
78.88
78.87
78.86
78.85
78.84
78.83
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−2500
−5000
−7500
−10000
−1000
−2000
Time (UTC)

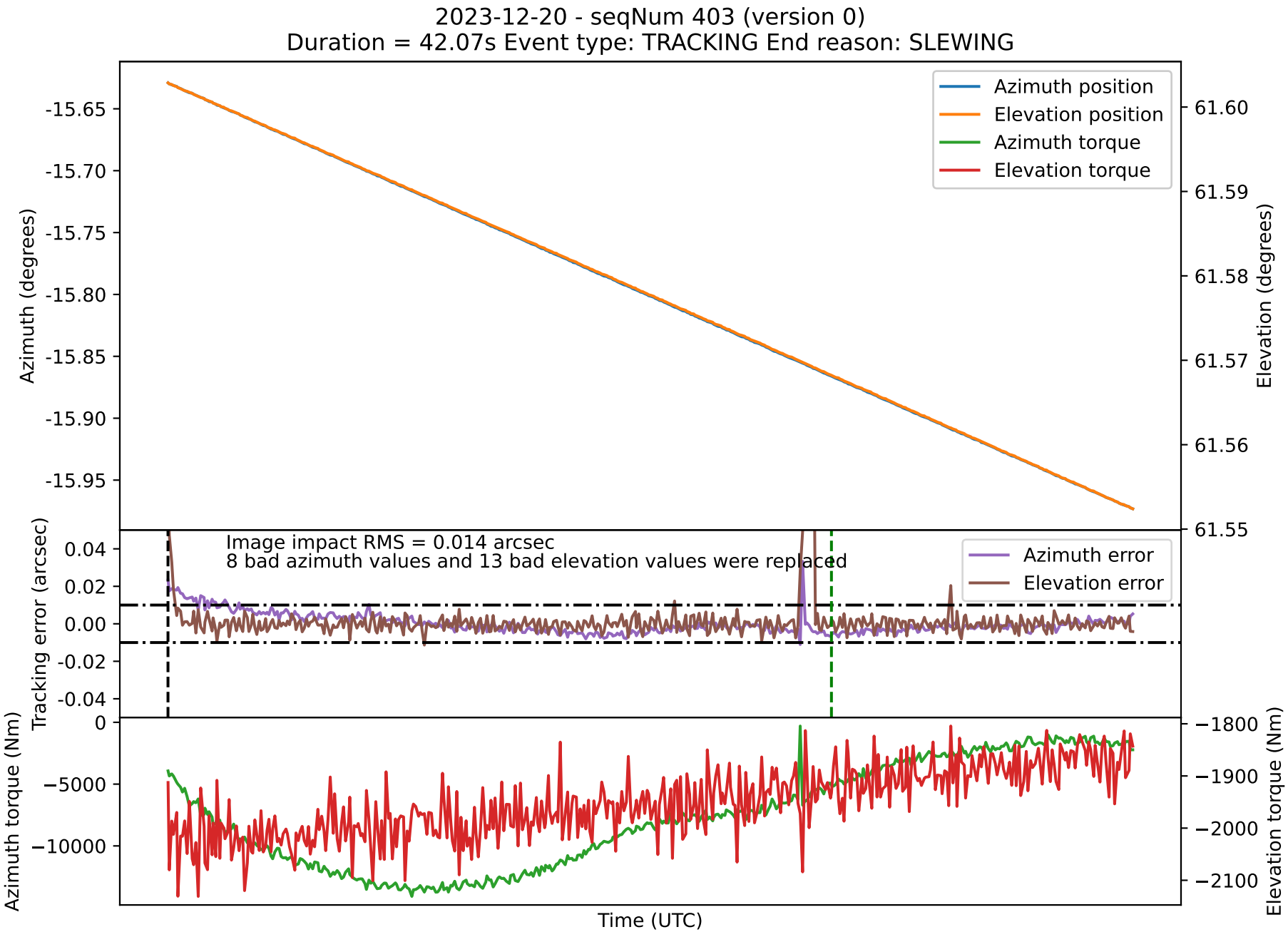

2023-12-20 - seqNum 393 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-31.60
-31.80
-32.00
-32.20
80.98
80.96
80.94
80.92
80.90
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−1500
−2000
−2500
Time (UTC)

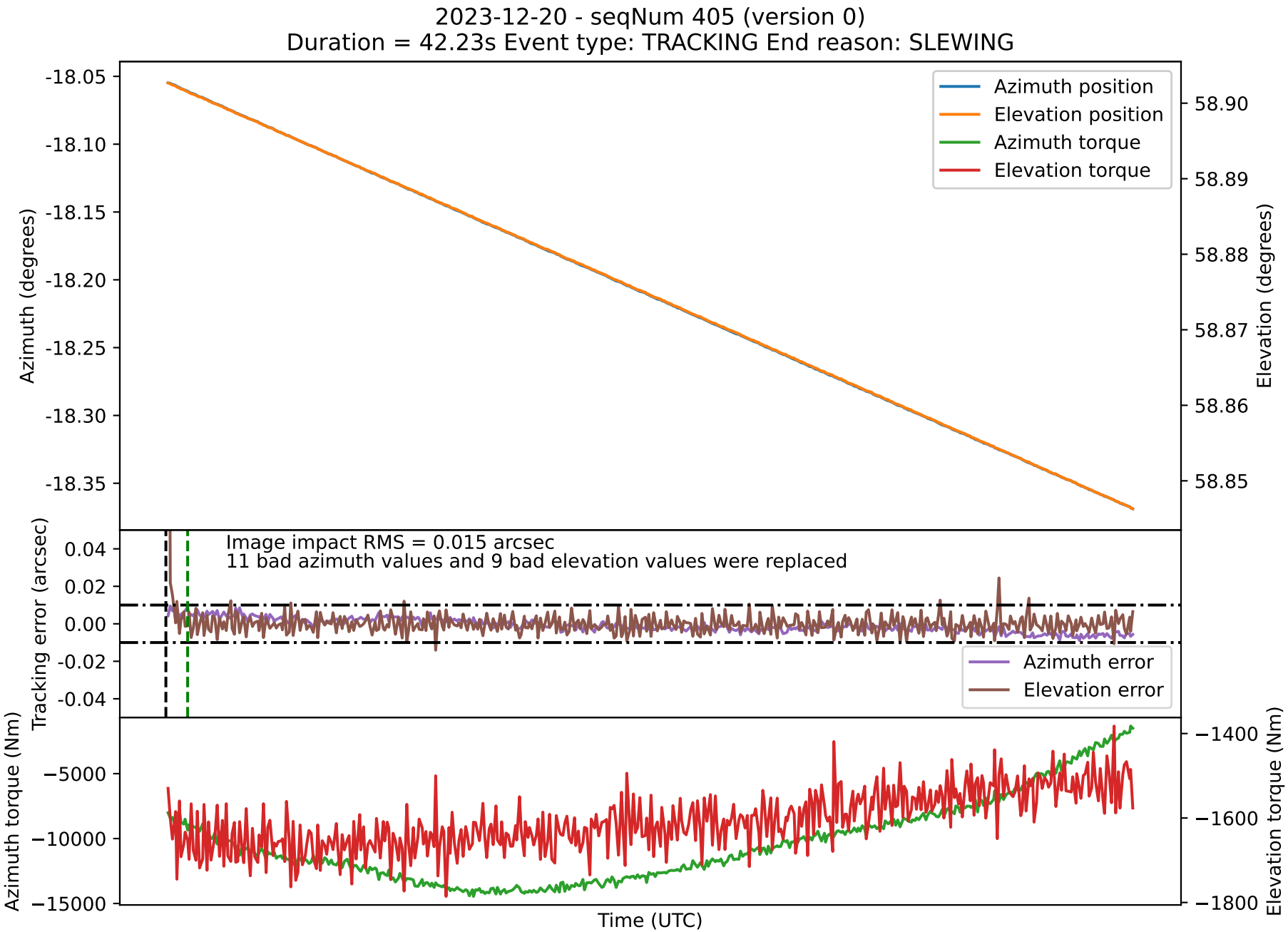

2023-12-20 - seqNum 395 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-25.20
-25.30
-25.40
-25.50
-25.60
-25.70
76.02
76.01
76.00
75.99
75.98
75.97
75.96
75.95
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 3 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3200
−3400
Time (UTC)

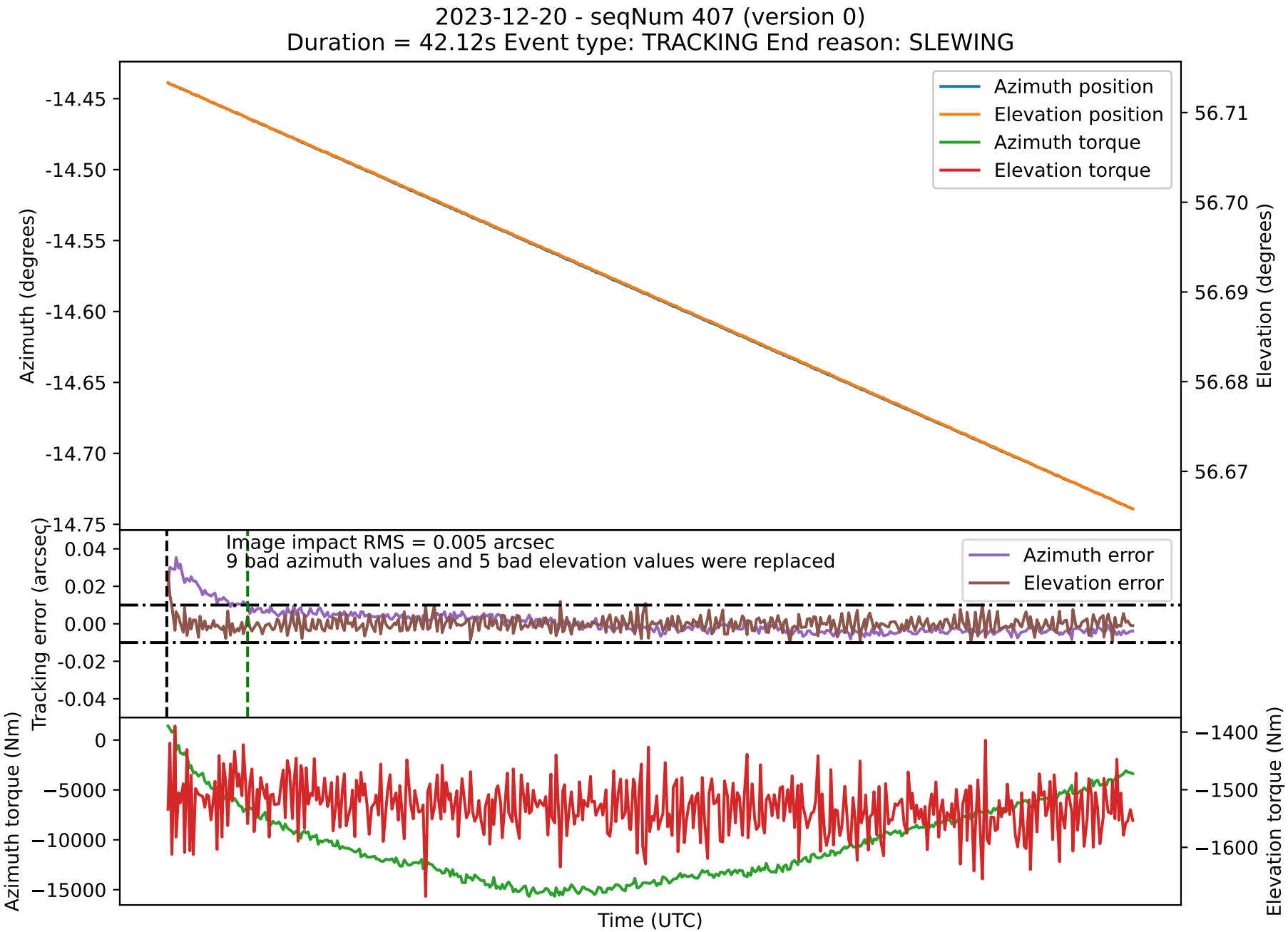

2023-12-20 - seqNum 397 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-17.10
-17.20
-17.30
-17.40
-17.50
-17.60
73.78
73.77
73.76
73.75
73.74
73.73
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2800
−3000
Time (UTC)

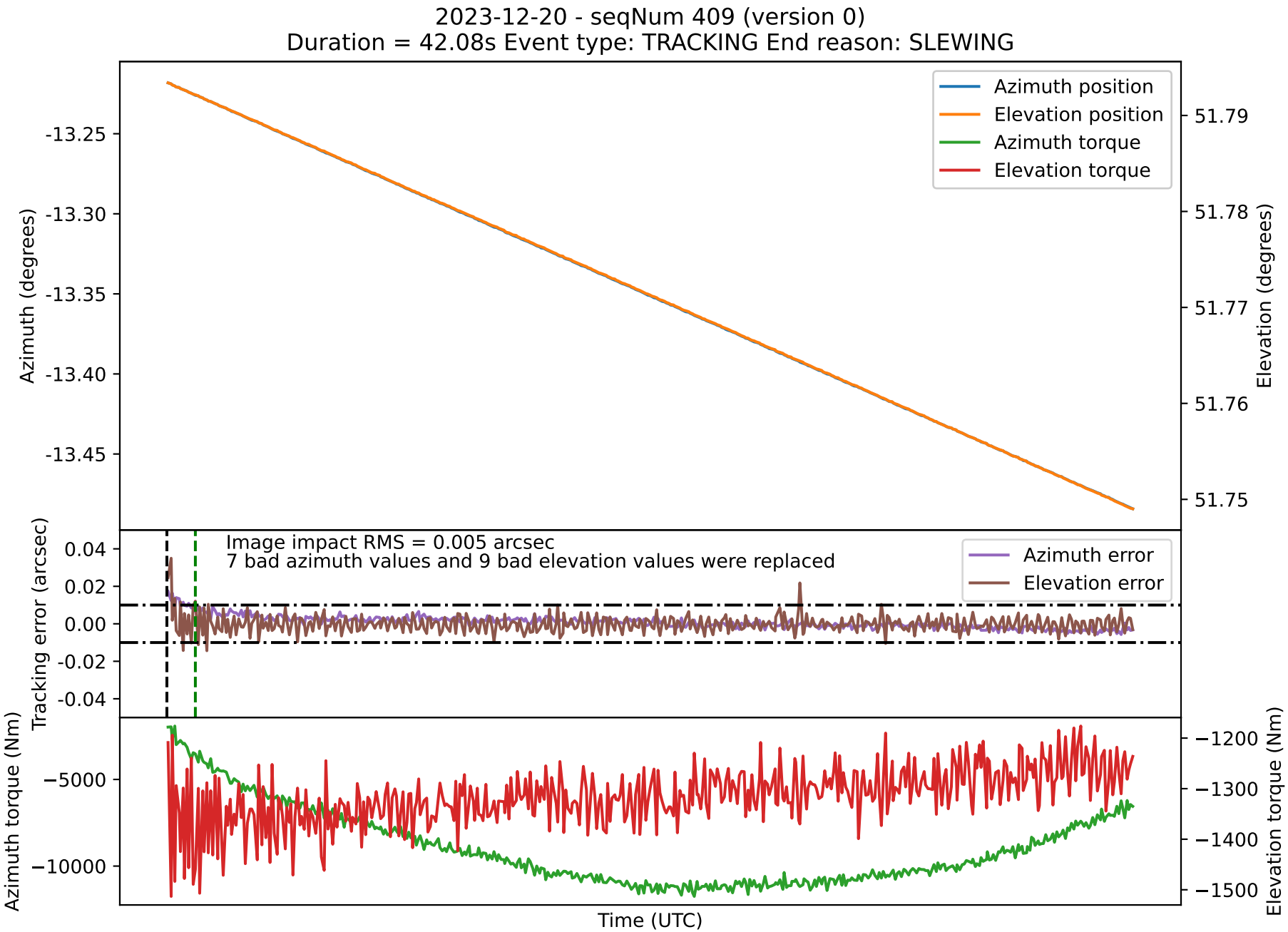

2023-12-20 - seqNum 399 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-20.80
-20.90
-21.00
-21.10
-21.20
71.12
71.11
71.10
71.09
71.08
71.07
71.06
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−2300
−2400
−2500
Time (UTC)

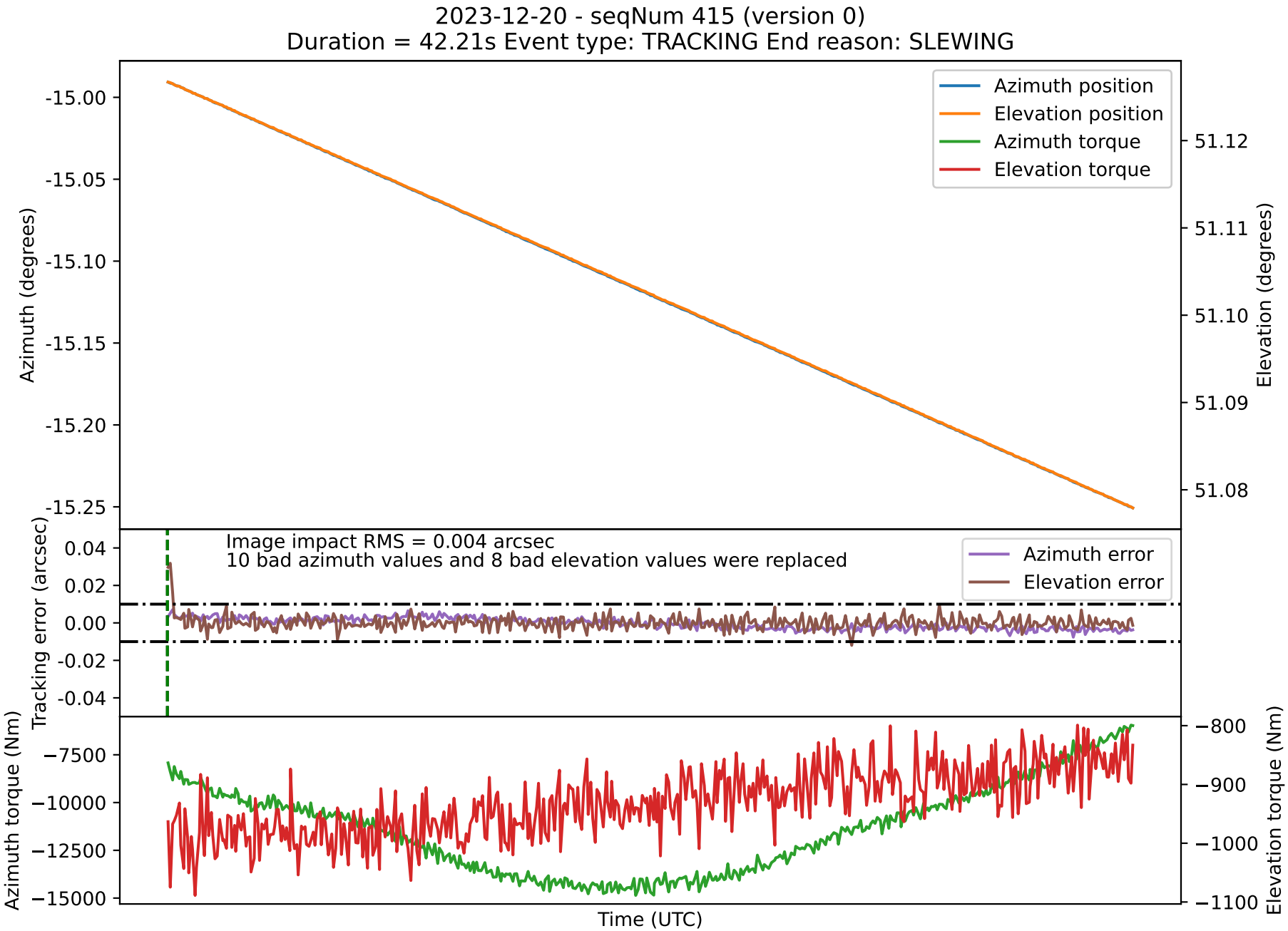

2023-12-20 - seqNum 401 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-17.70
-17.75
-17.80
-17.85
-17.90
-17.95
-18.00
-18.05
-18.10
66.38
66.37
66.36
66.35
66.34
66.33
Image impact RMS = 0.005 arcsec
2 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−2200
−2400
Time (UTC)

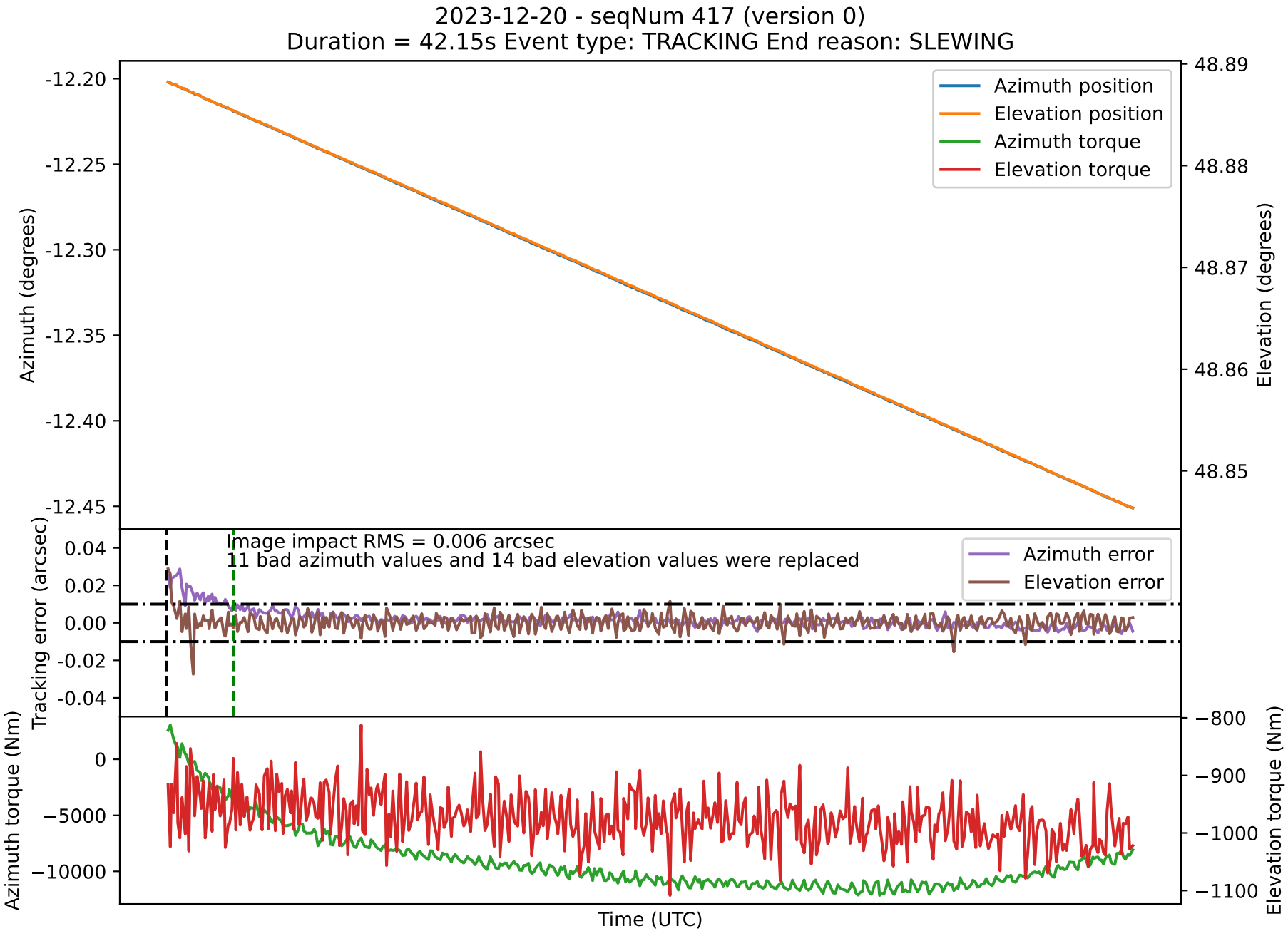

2023-12-20 - seqNum 403 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-15.65
-15.70
-15.75
-15.80
-15.85
-15.90
-15.95
61.60
61.59
61.58
61.57
61.56
61.55
Image impact RMS = 0.014 arcsec
8 bad azimuth values and 13 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1800
−1900
−2000
−2100
Time (UTC)

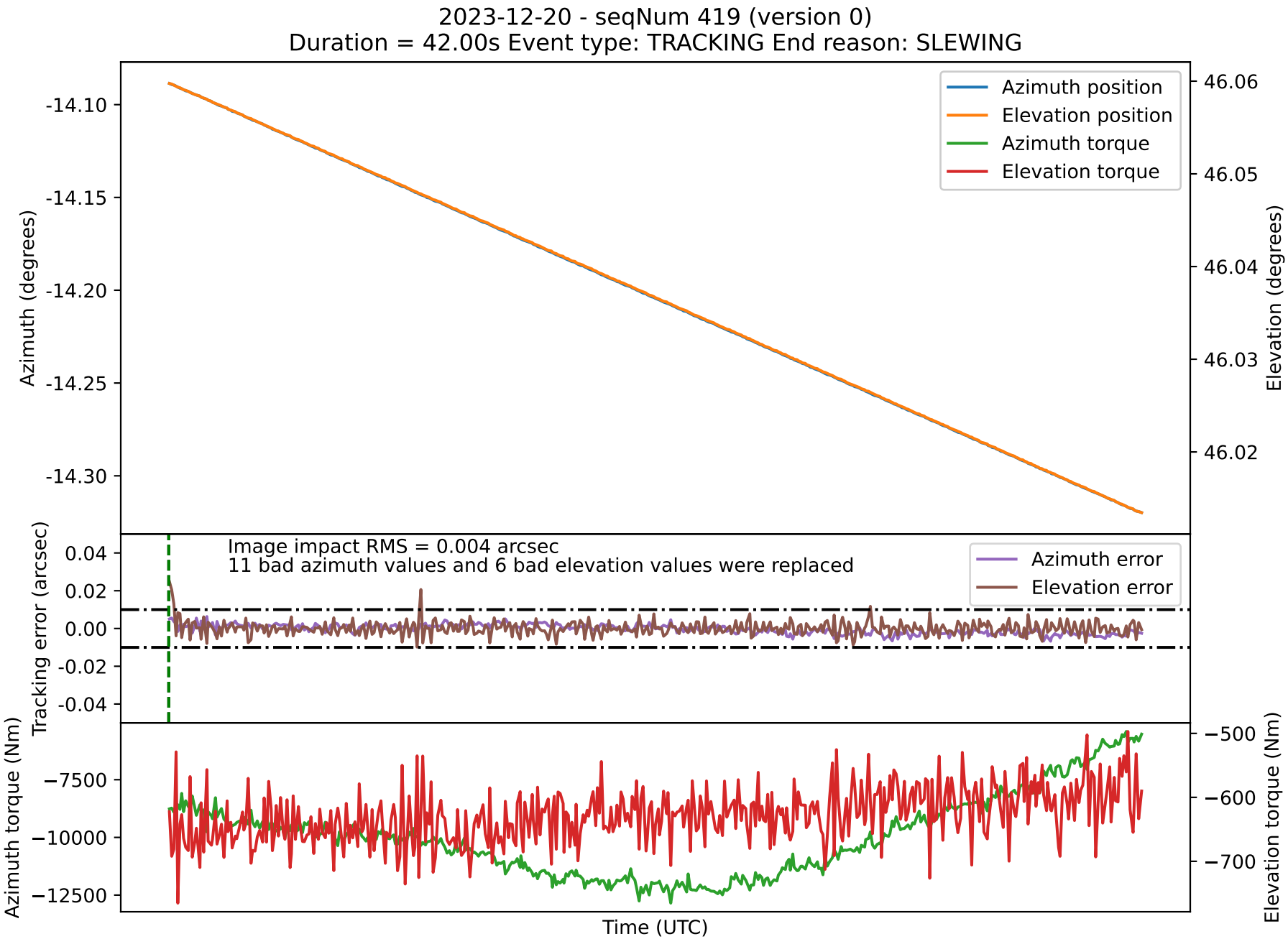

2023-12-20 - seqNum 405 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-18.05
-18.10
-18.15
-18.20
-18.25
-18.30
-18.35
58.90
58.89
58.88
58.87
58.86
58.85
Image impact RMS = 0.015 arcsec
11 bad azimuth values and 9 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−1400
−1600
−1800
Time (UTC)

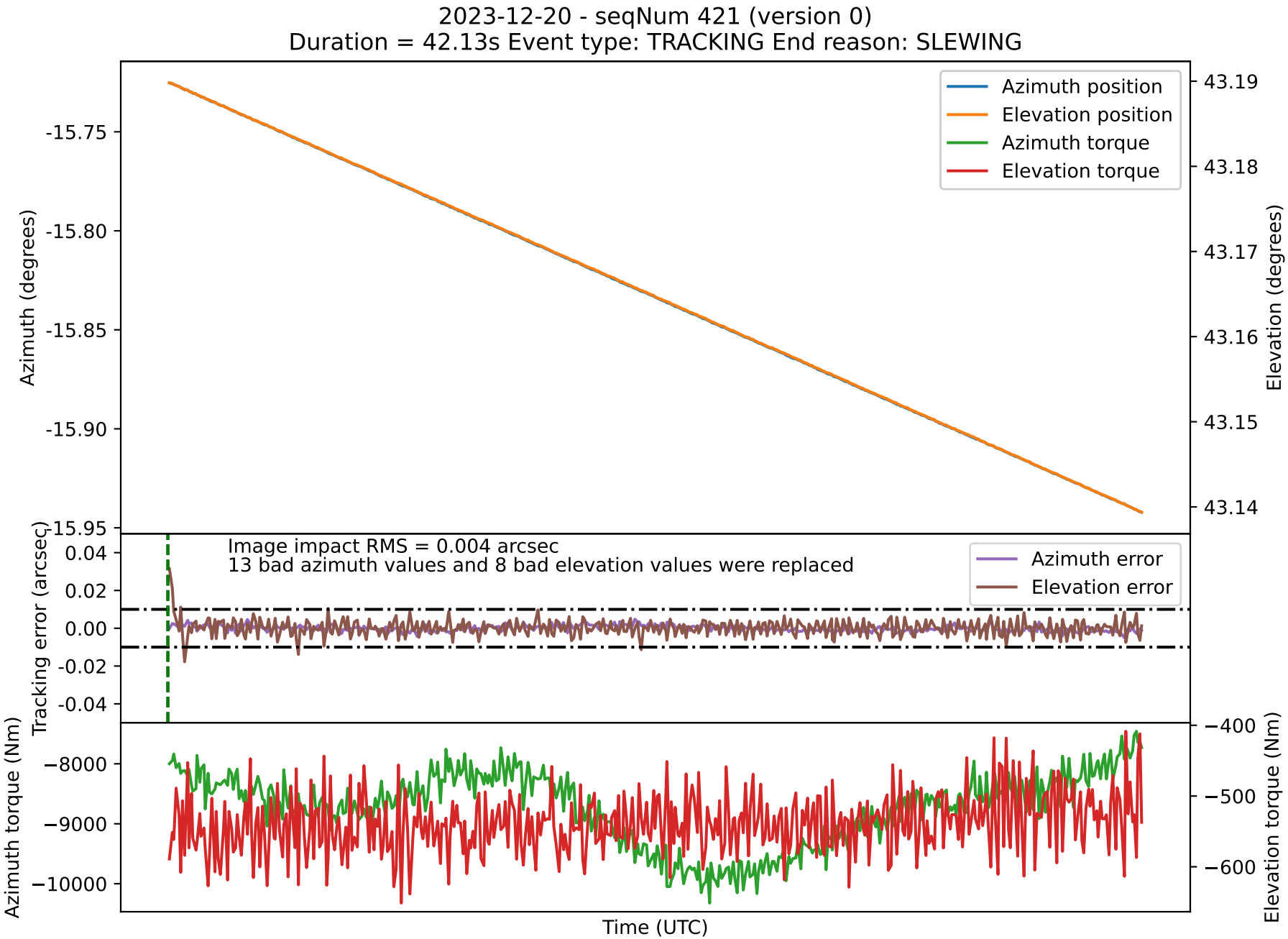

2023-12-20 - seqNum 407 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.45
-14.50
-14.55
-14.60
-14.65
-14.70
-14.75
56.71
56.70
56.69
56.68
56.67
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1400
−1500
−1600
Time (UTC)

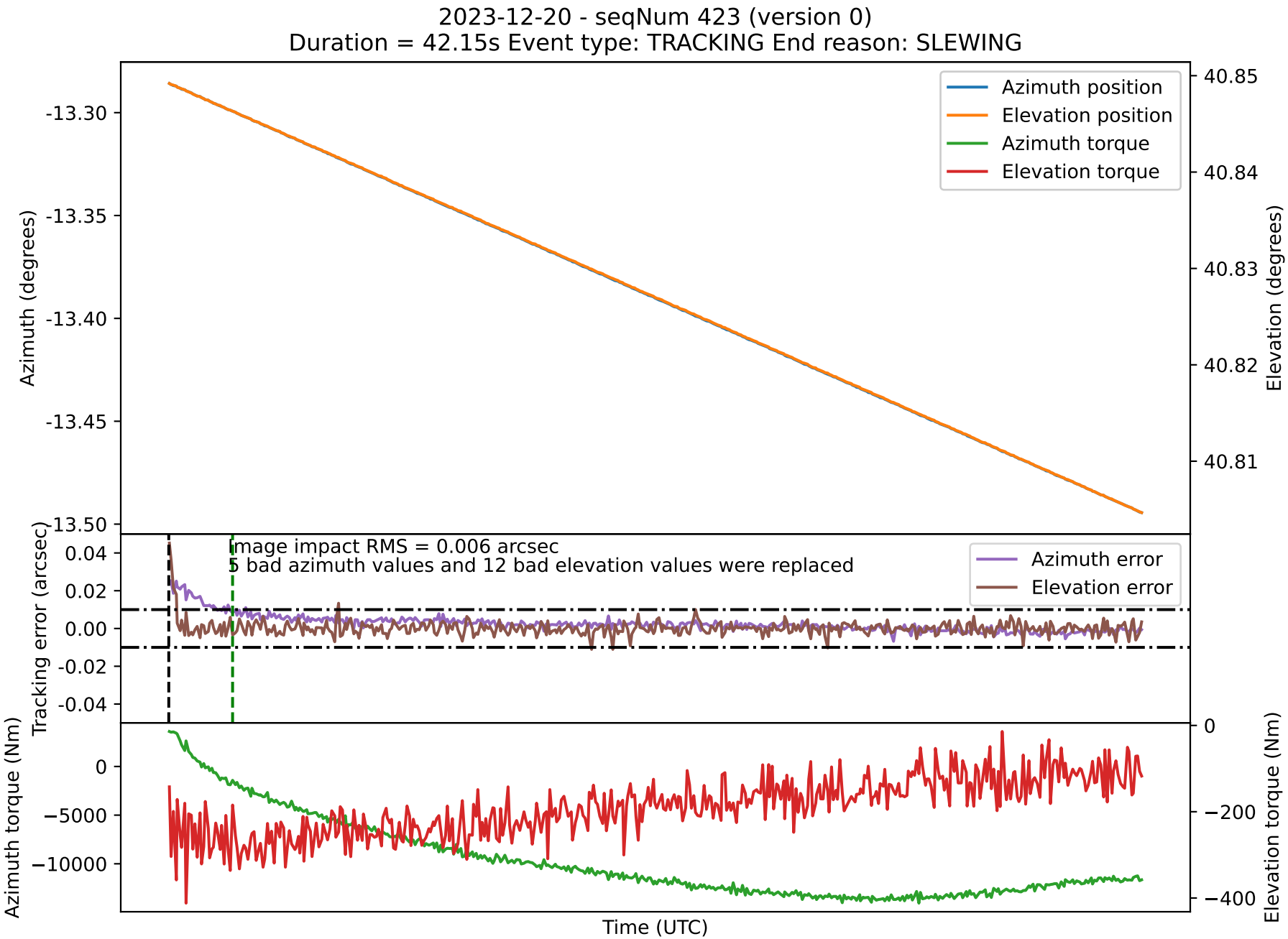

2023-12-20 - seqNum 409 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-13.25
-13.30
-13.35
-13.40
-13.45
51.79
51.78
51.77
51.76
51.75
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1200
−1300
−1400
−1500
Time (UTC)

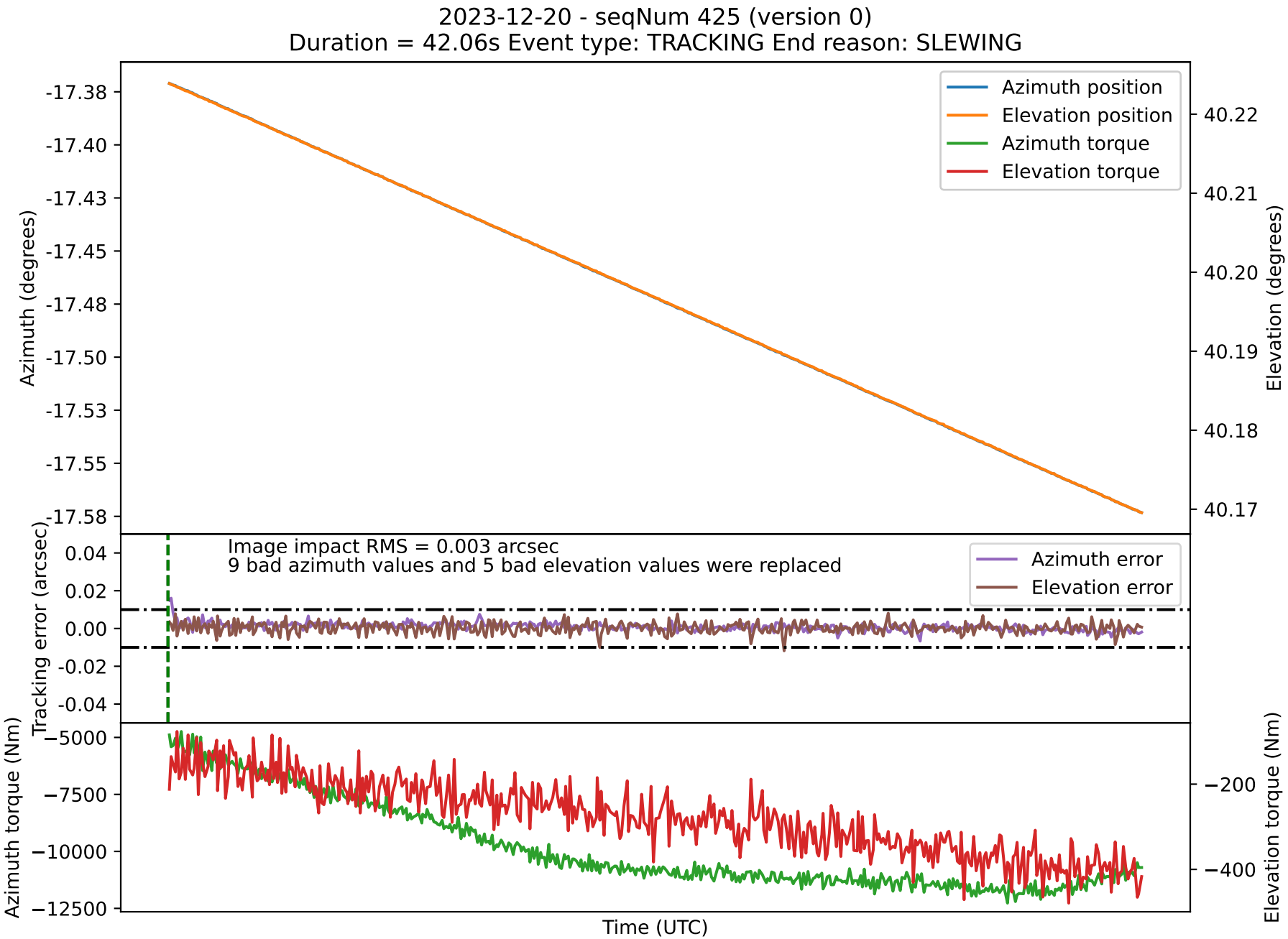

2023-12-20 - seqNum 415 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-15.00
-15.05
-15.10
-15.15
-15.20
-15.25
51.12
51.11
51.10
51.09
51.08
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−800
−900
−1000
−1100
Time (UTC)

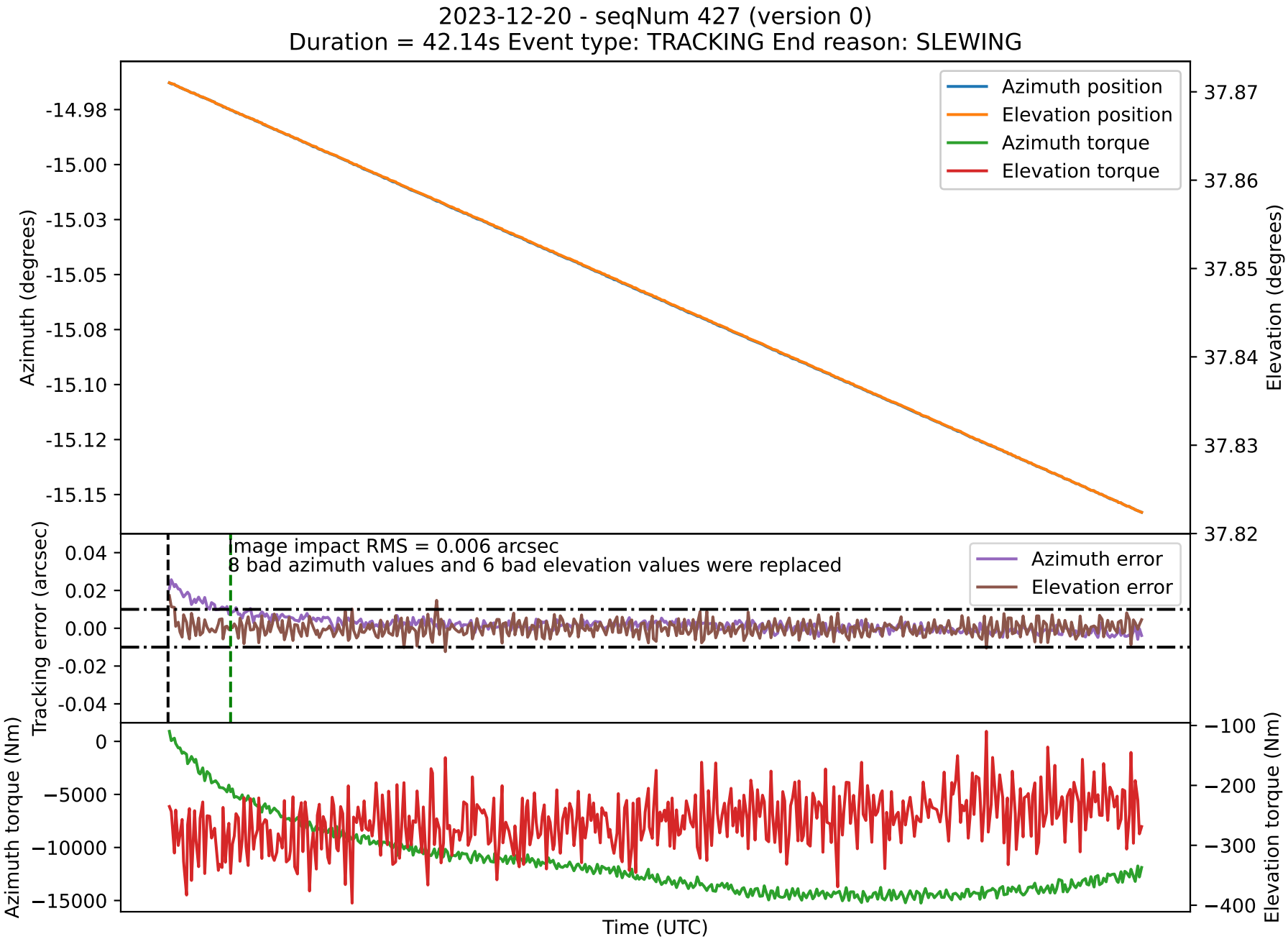

2023-12-20 - seqNum 417 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.20
-12.25
-12.30
-12.35
-12.40
-12.45
48.89
48.88
48.87
48.86
48.85
Image impact RMS = 0.006 arcsec
11 bad azimuth values and 14 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−800
−900
−1000
−1100
Time (UTC)

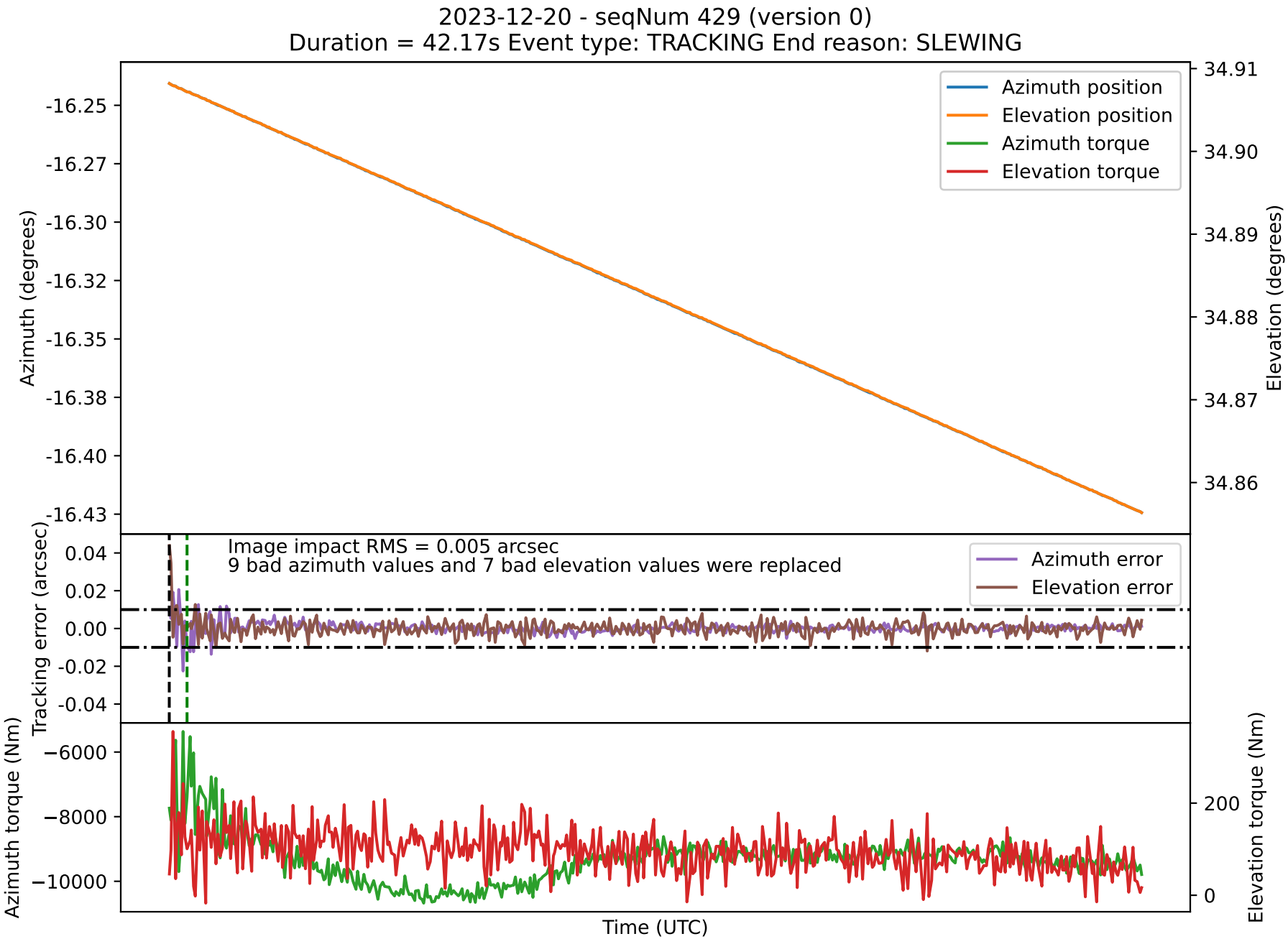

2023-12-20 - seqNum 419 (version 0)
Duration = 42.00s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.10
-14.15
-14.20
-14.25
-14.30
46.06
46.05
46.04
46.03
46.02
Image impact RMS = 0.004 arcsec
11 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−500
−600
−700
Time (UTC)

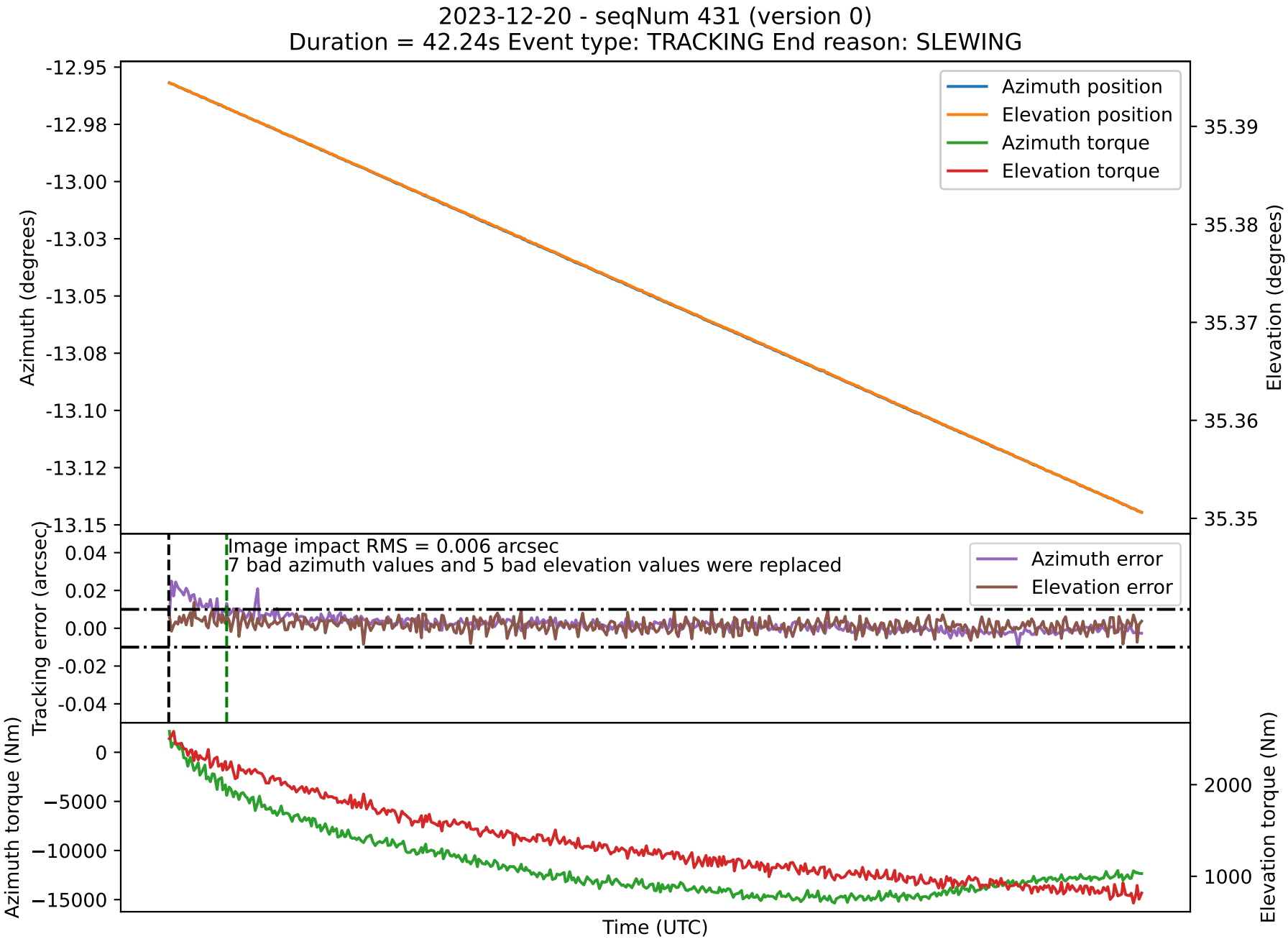

2023-12-20 - seqNum 421 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-15.75
-15.80
-15.85
-15.90
-15.95
43.19
43.18
43.17
43.16
43.15
43.14
Image impact RMS = 0.004 arcsec
13 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−9000
−10000
−400
−500
−600
Time (UTC)

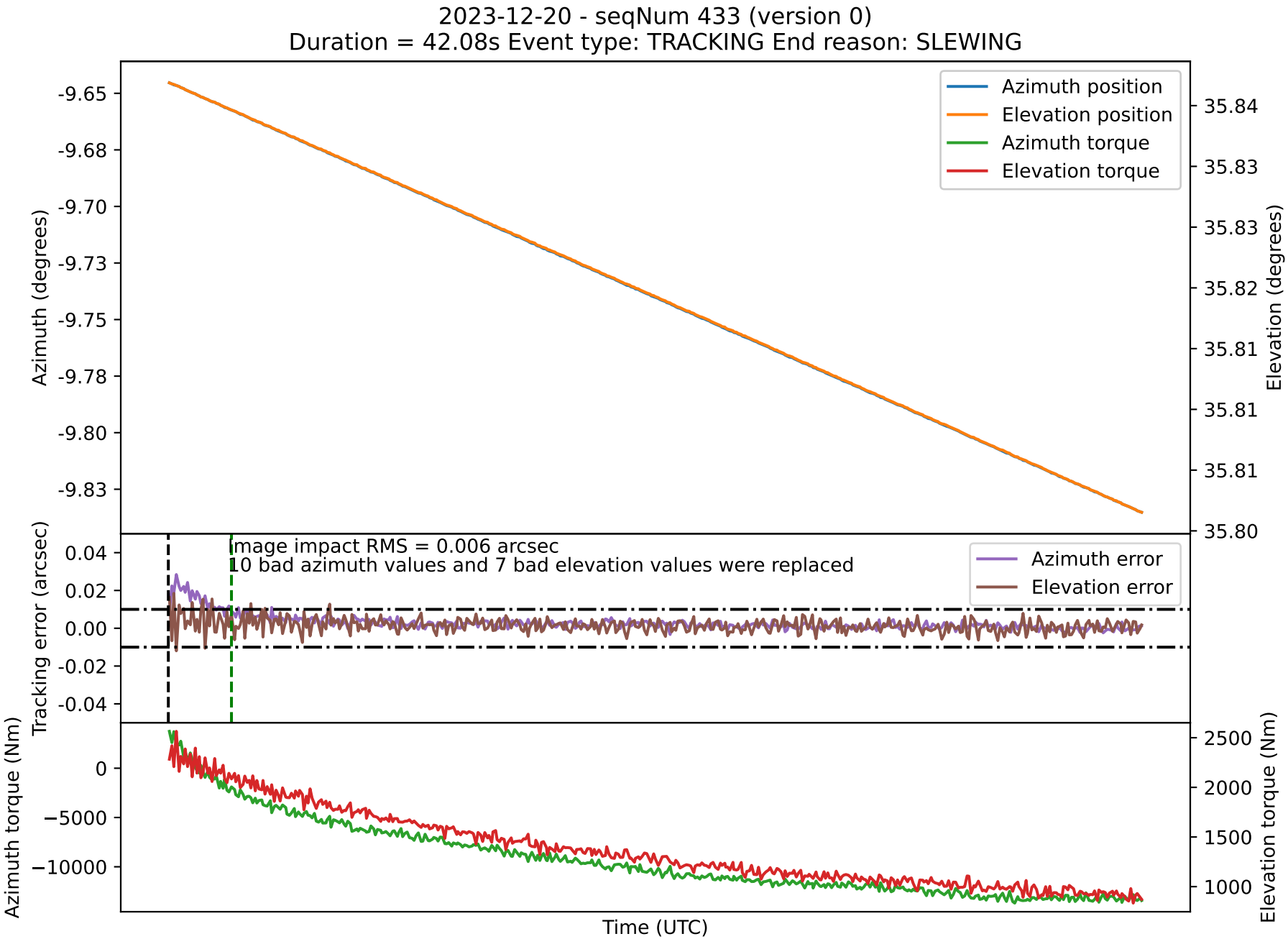

2023-12-20 - seqNum 423 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-13.30
-13.35
-13.40
-13.45
-13.50
40.85
40.84
40.83
40.82
40.81
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
0
−200
−400
Time (UTC)

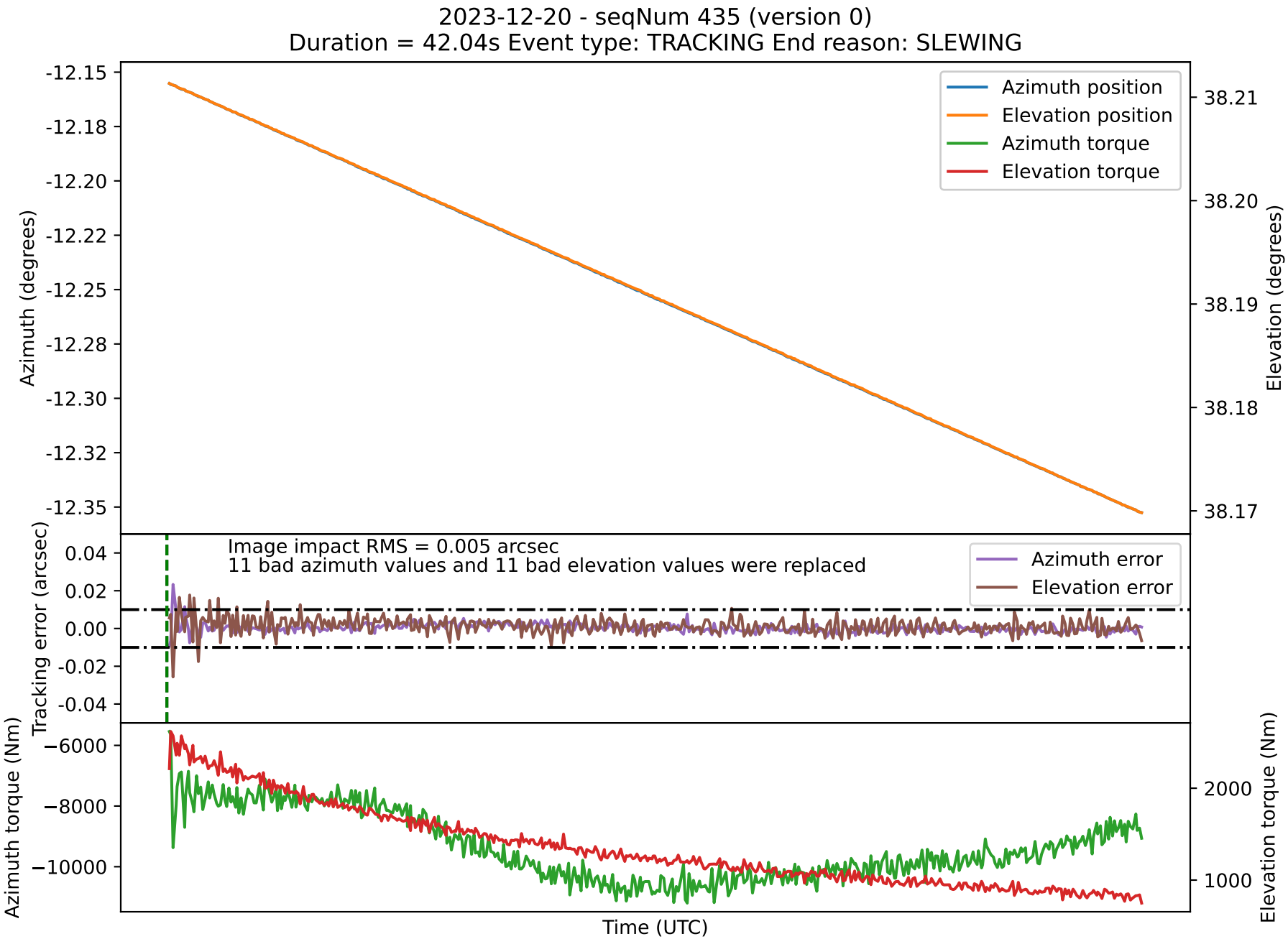

2023-12-20 - seqNum 425 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-17.38
-17.40
-17.43
-17.45
-17.48
-17.50
-17.53
-17.55
-17.58
40.22
40.21
40.20
40.19
40.18
40.17
Image impact RMS = 0.003 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−200
−400
Time (UTC)

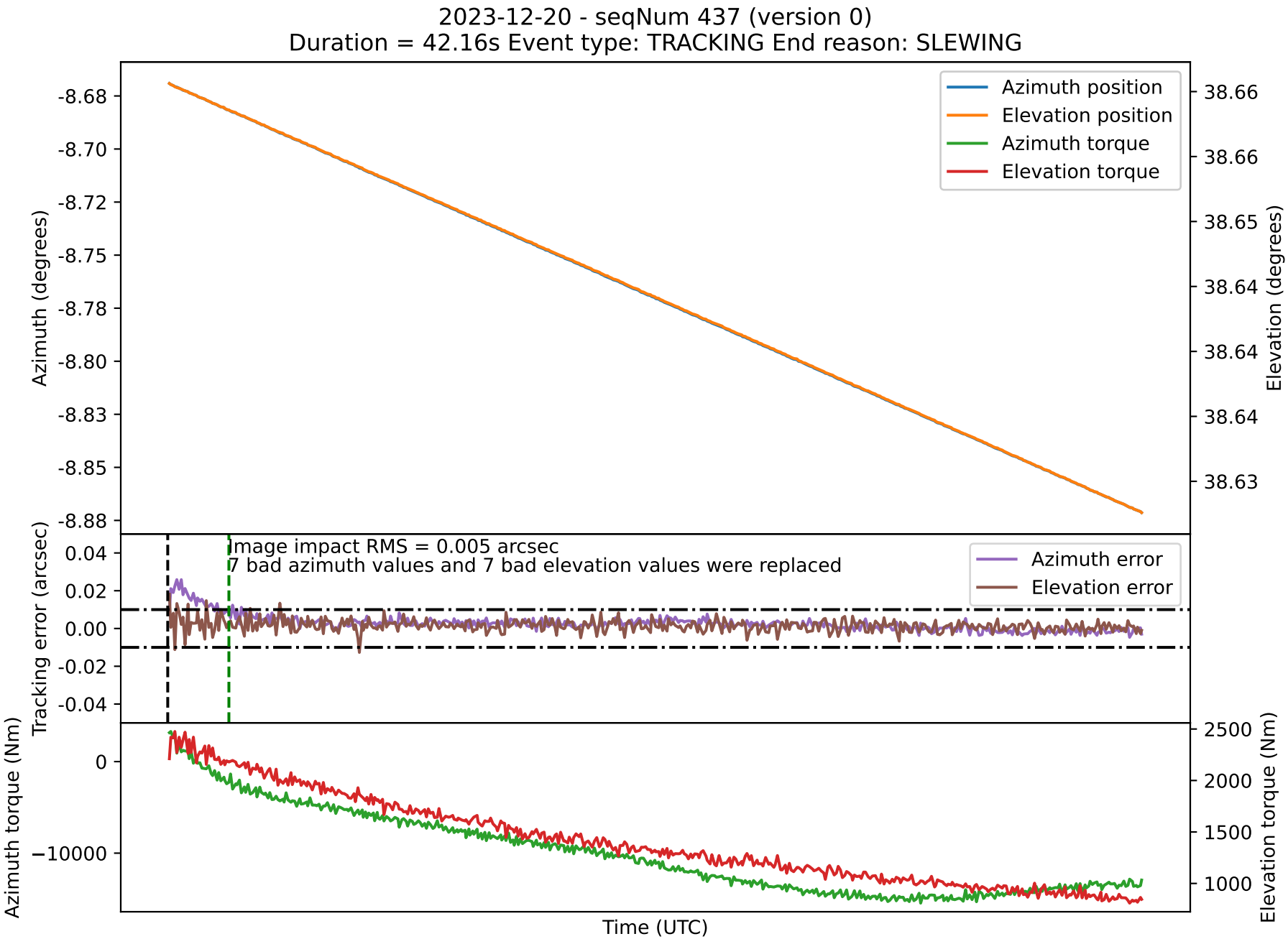

2023-12-20 - seqNum 427 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.98
-15.00
-15.03
-15.05
-15.08
-15.10
-15.12
-15.15
37.87
37.86
37.85
37.84
37.83
37.82
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−100
−200
−300
−400
Time (UTC)

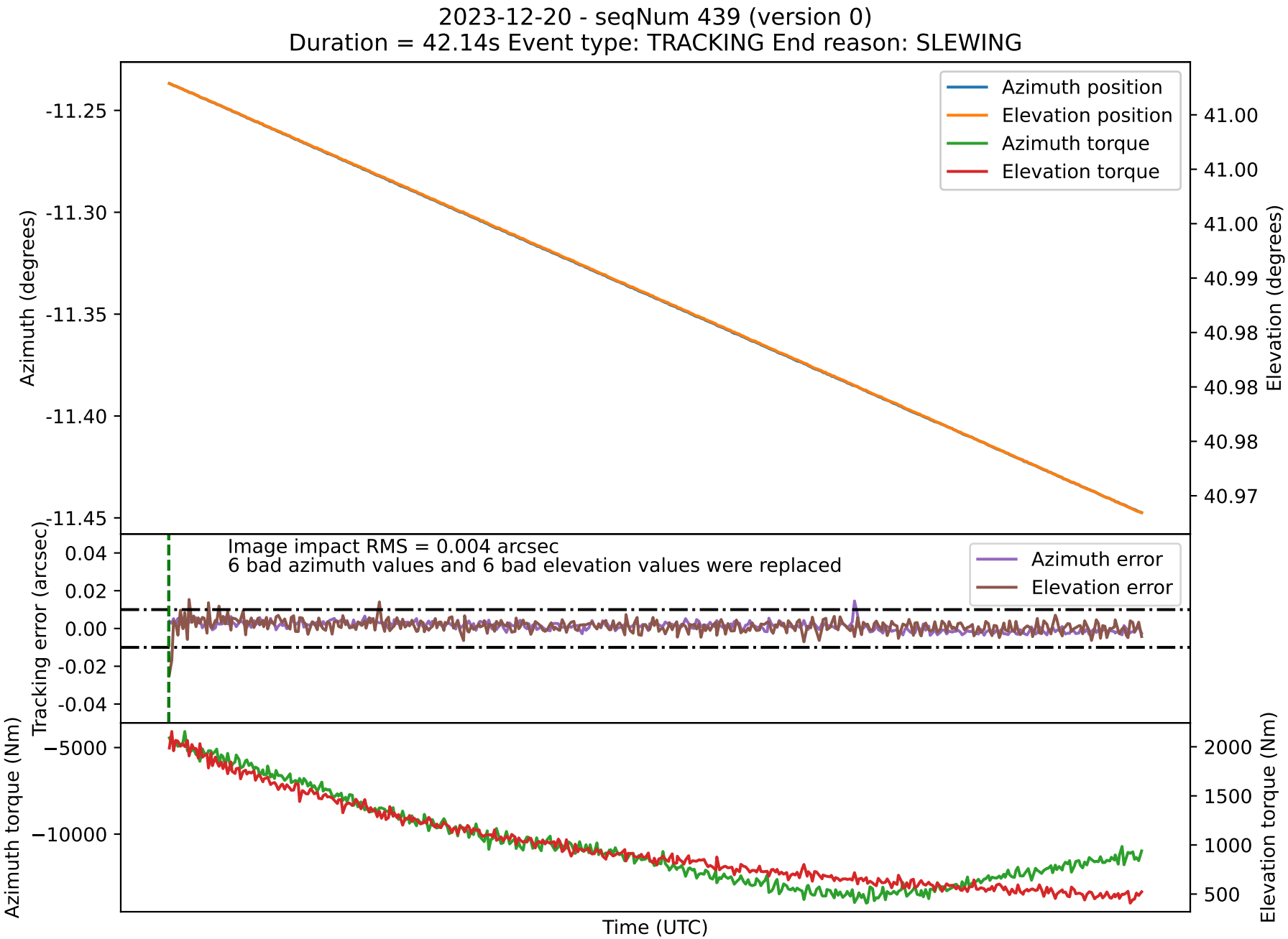

2023-12-20 - seqNum 429 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-16.25
-16.27
-16.30
-16.32
-16.35
-16.38
-16.40
-16.43
34.91
34.90
34.89
34.88
34.87
34.86
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
200
0
Time (UTC)

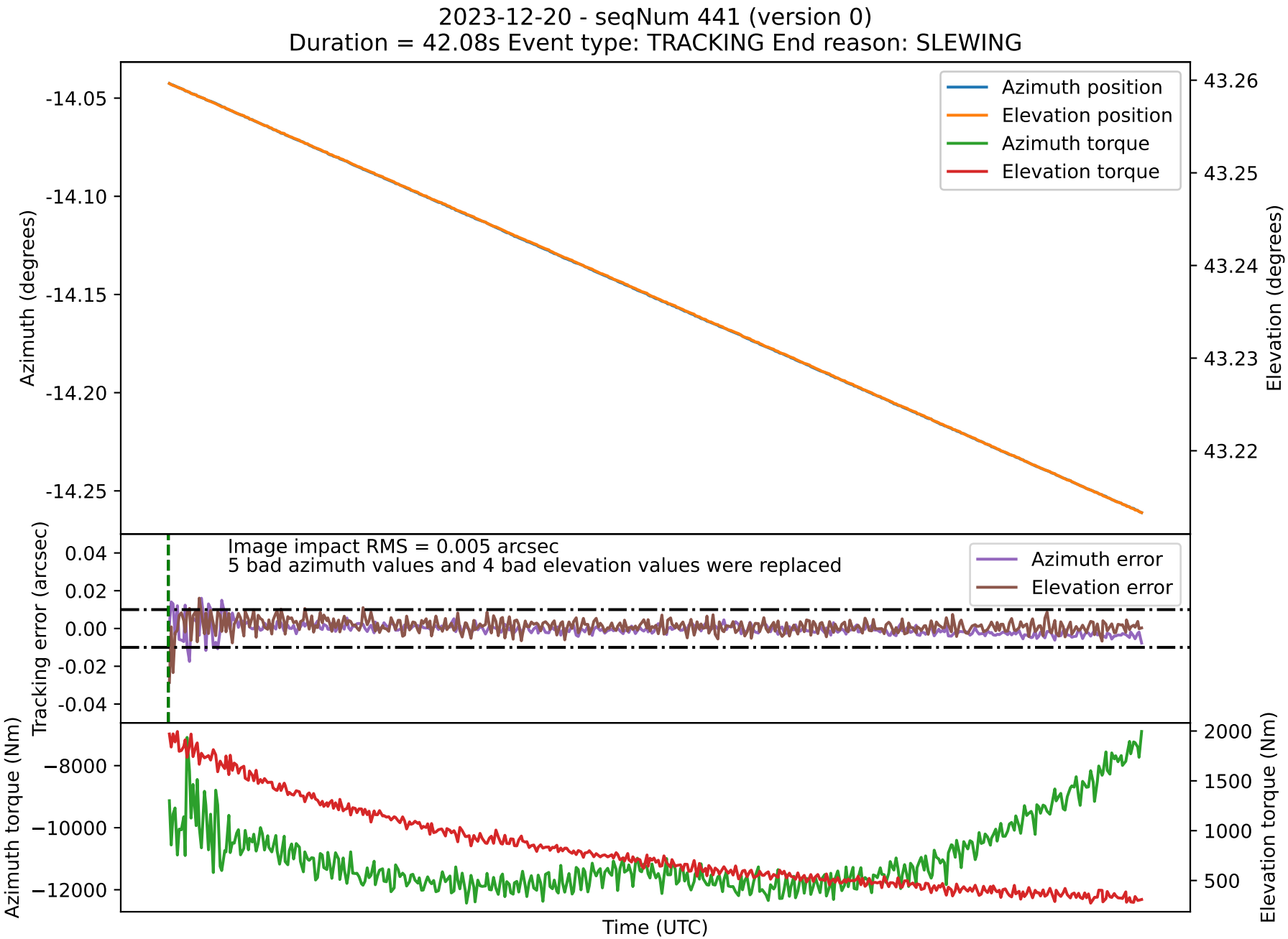

2023-12-20 - seqNum 431 (version 0)
Duration = 42.24s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.95
-12.98
-13.00
-13.03
-13.05
-13.08
-13.10
-13.12
-13.15
35.39
35.38
35.37
35.36
35.35
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
2000
1000
Time (UTC)

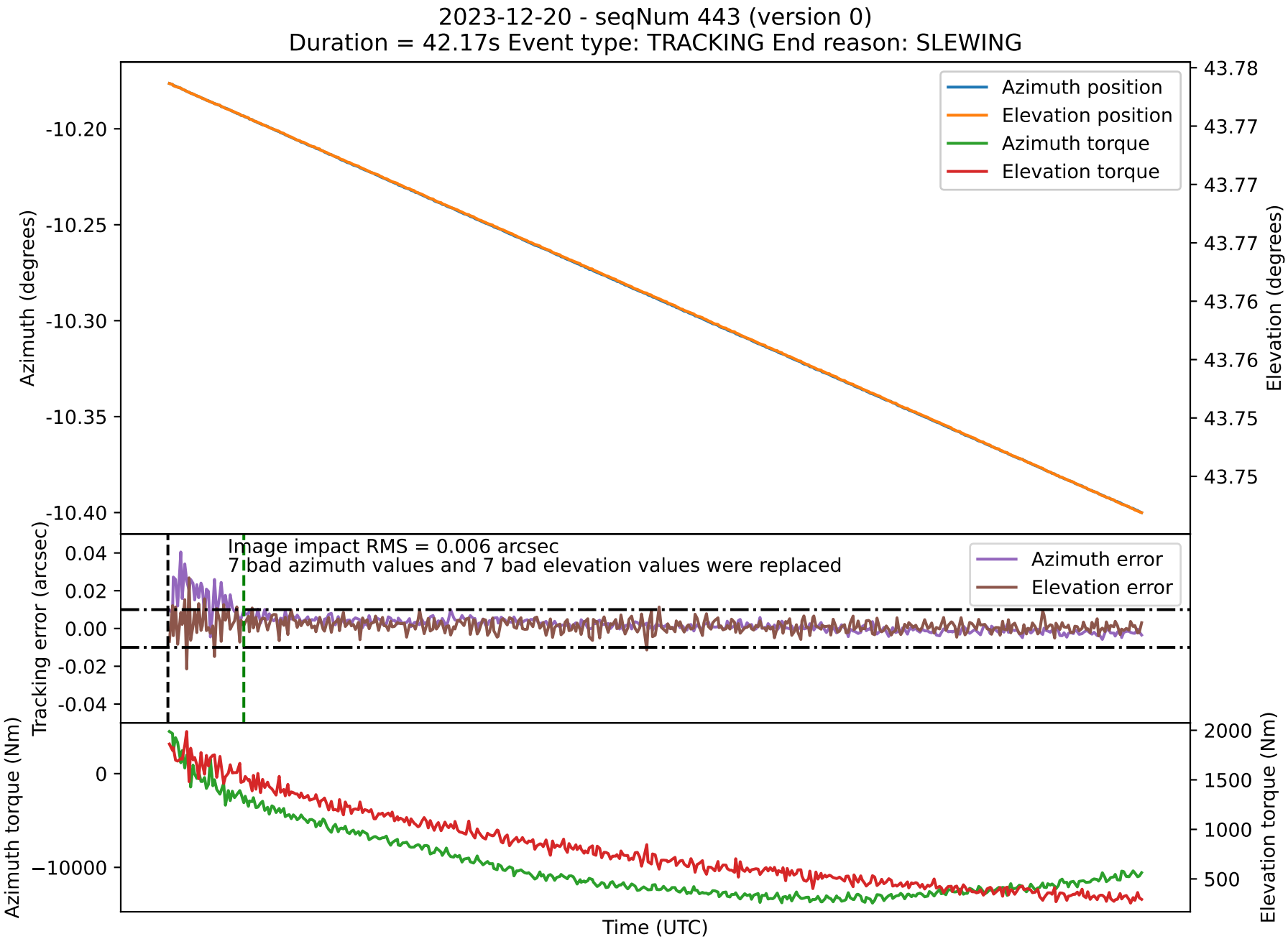

2023-12-20 - seqNum 433 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-9.65
-9.68
-9.70
-9.73
-9.75
-9.78
-9.80
-9.83
35.84
35.83
35.83
35.82
35.81
35.81
35.81
35.80
Image impact RMS = 0.006 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
2500
2000
1500
1000
Time (UTC)

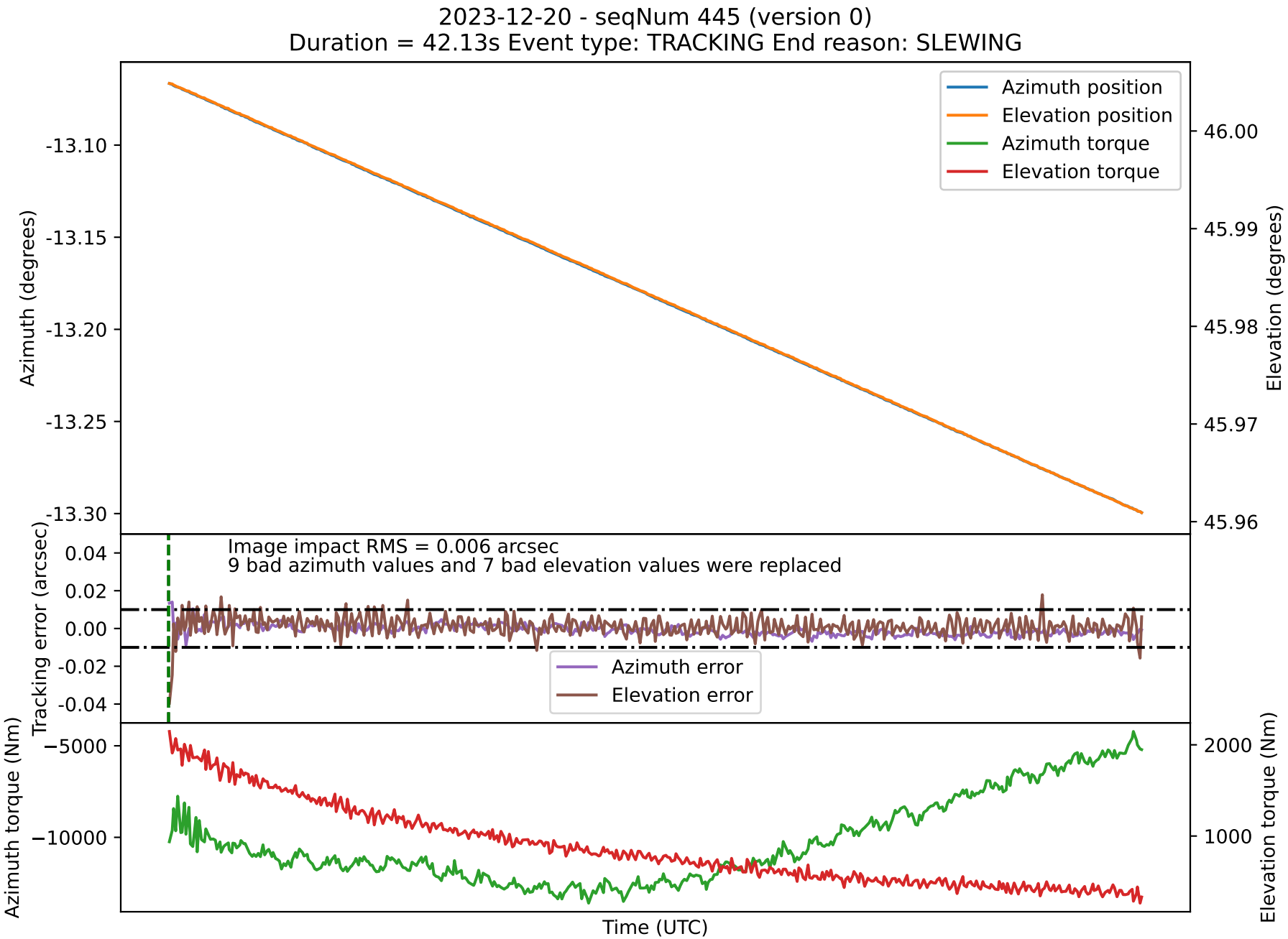

2023-12-20 - seqNum 435 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.15
-12.18
-12.20
-12.22
-12.25
-12.28
-12.30
-12.32
-12.35
38.21
38.20
38.19
38.18
38.17
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
2000
1000
Time (UTC)

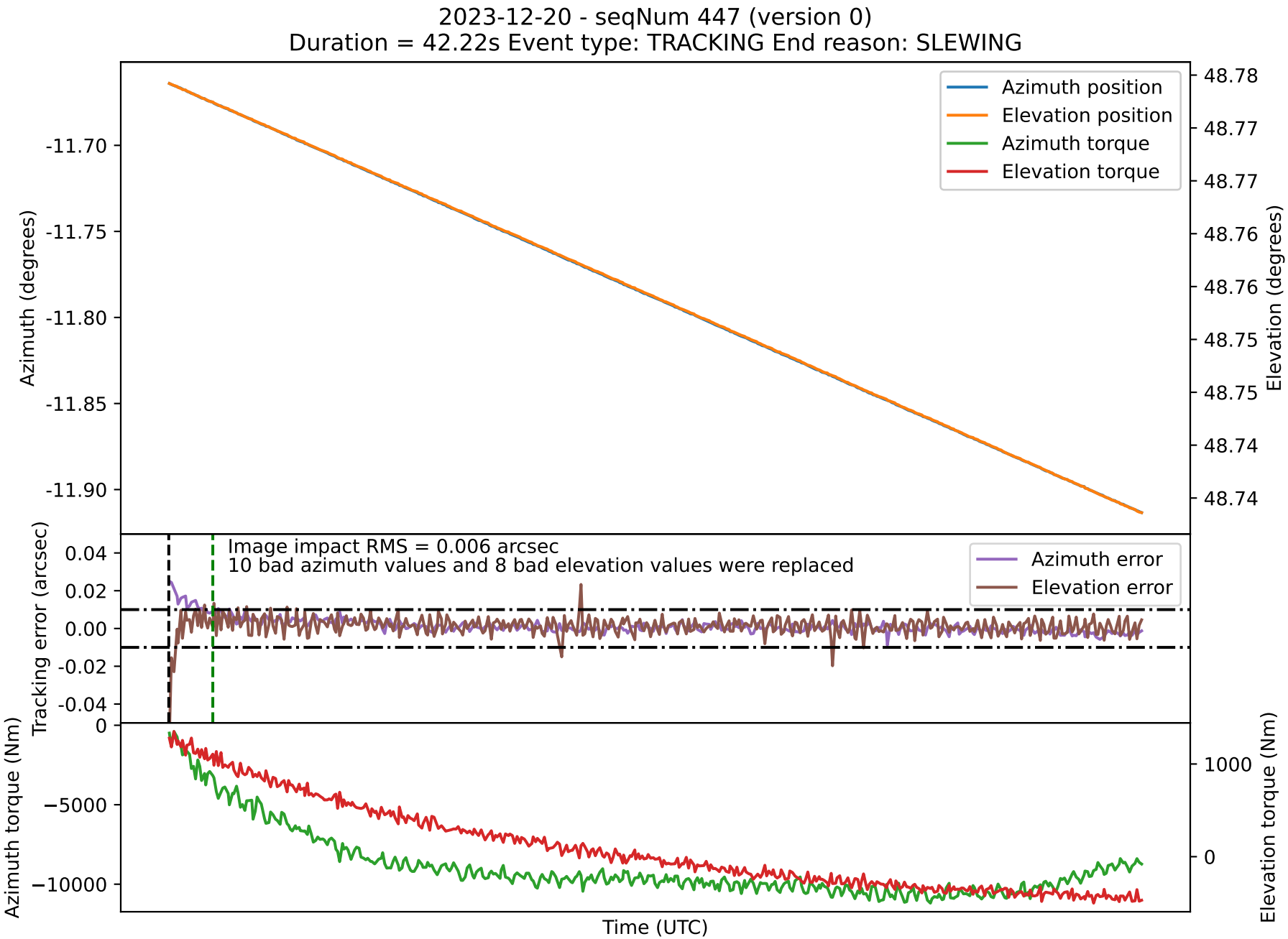

2023-12-20 - seqNum 437 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-8.68
-8.70
-8.72
-8.75
-8.78
-8.80
-8.83
-8.85
-8.88
38.66
38.66
38.65
38.64
38.64
38.64
38.63
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
2500
2000
1500
1000
Time (UTC)

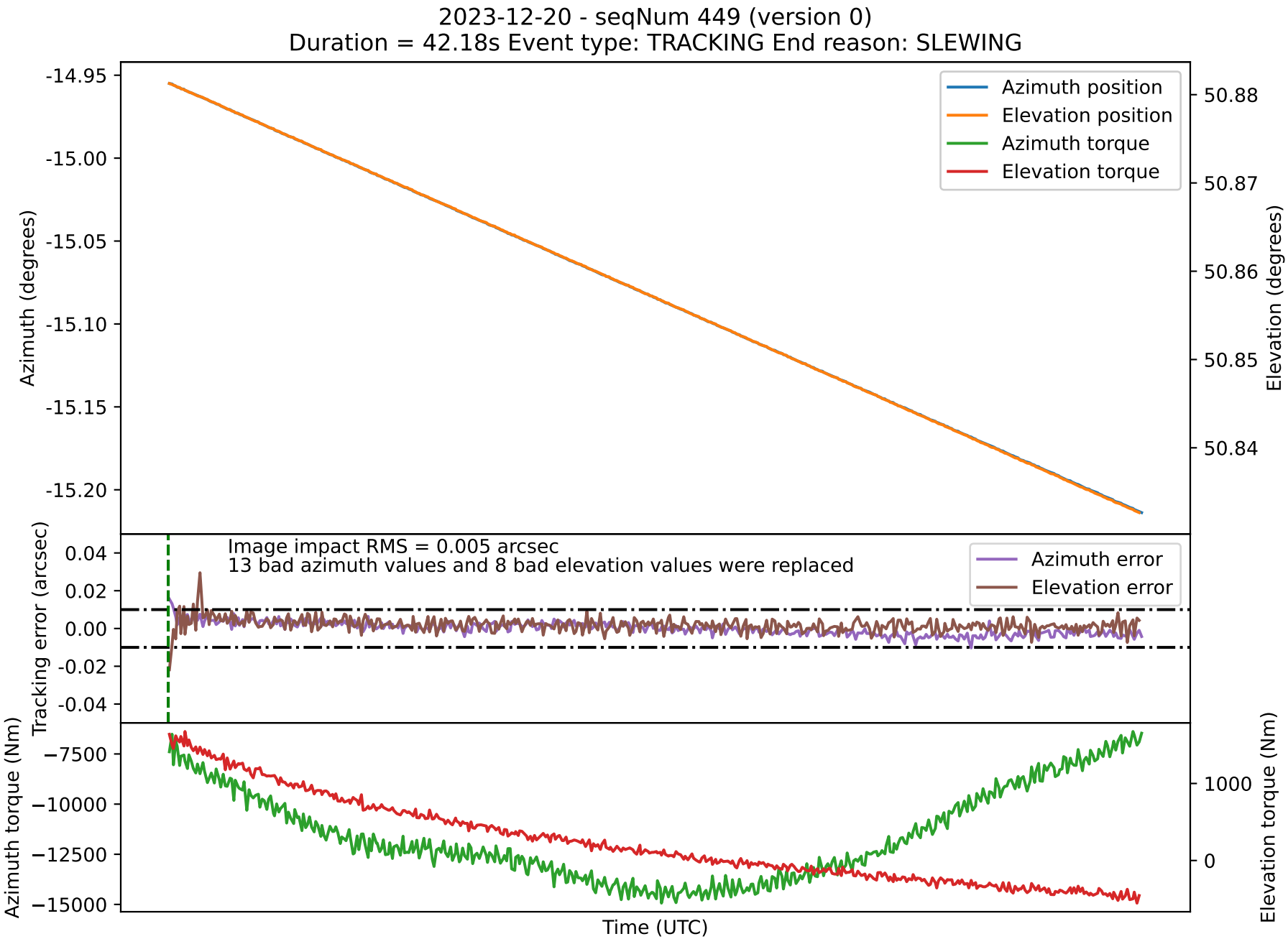

2023-12-20 - seqNum 439 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-11.25
-11.30
-11.35
-11.40
-11.45
41.00
41.00
41.00
40.99
40.98
40.98
40.98
40.97
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
2000
1500
1000
500
Time (UTC)

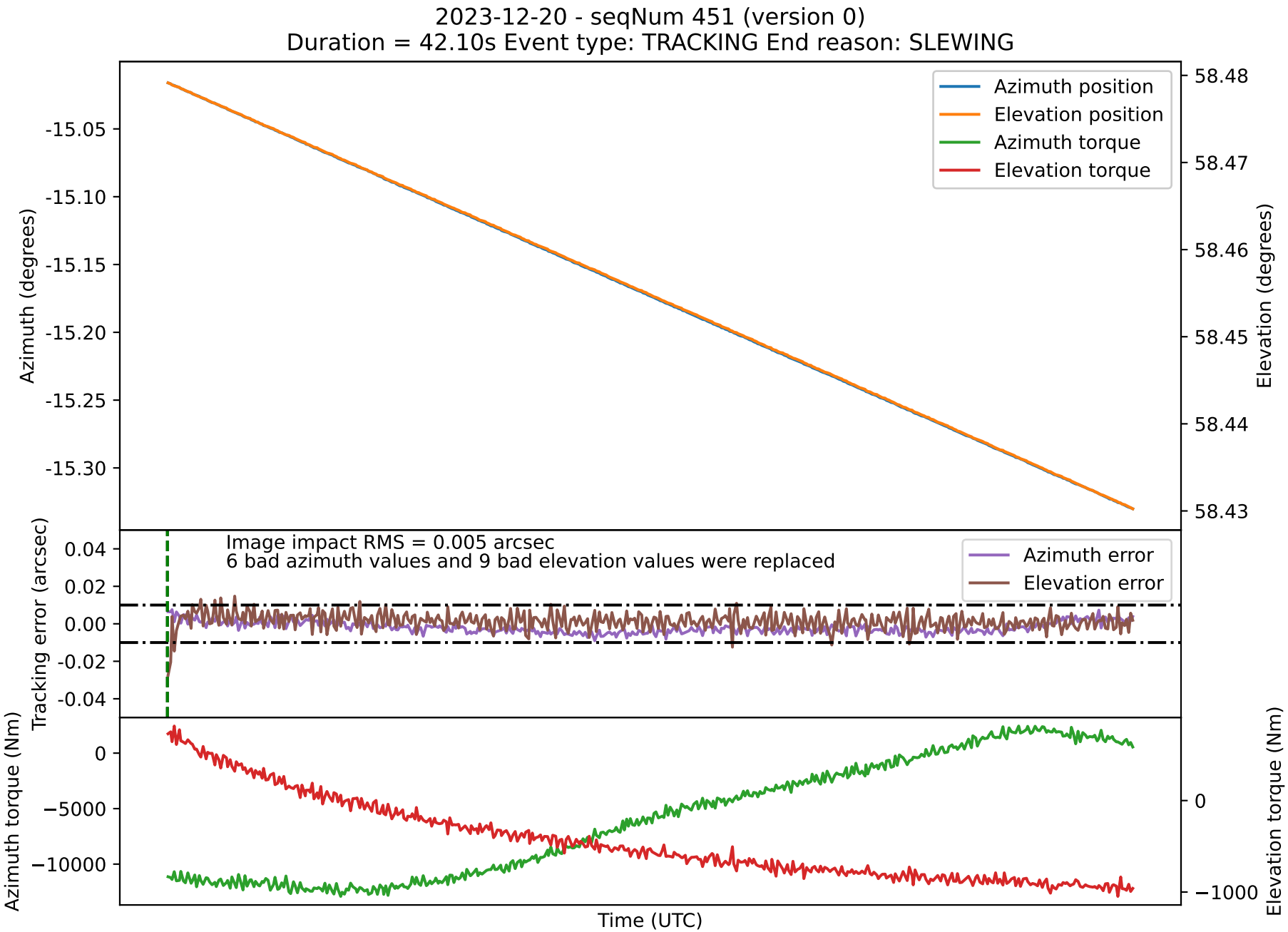

2023-12-20 - seqNum 441 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.05
-14.10
-14.15
-14.20
-14.25
43.26
43.25
43.24
43.23
43.22
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
2000
1500
1000
500
Time (UTC)

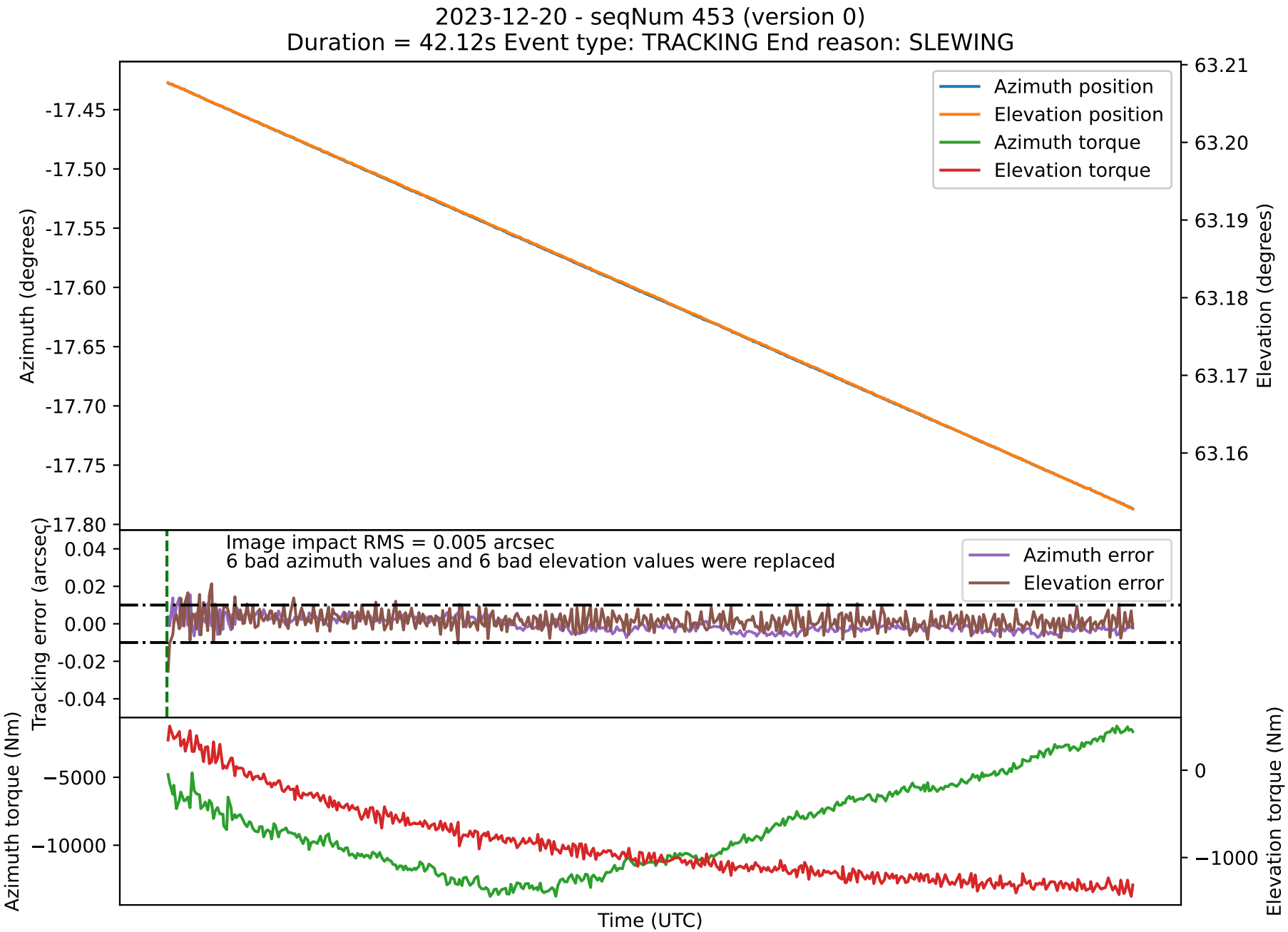

2023-12-20 - seqNum 443 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-10.20
-10.25
-10.30
-10.35
-10.40
43.78
43.77
43.77
43.77
43.76
43.76
43.75
43.75
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
2000
1500
1000
500
Time (UTC)

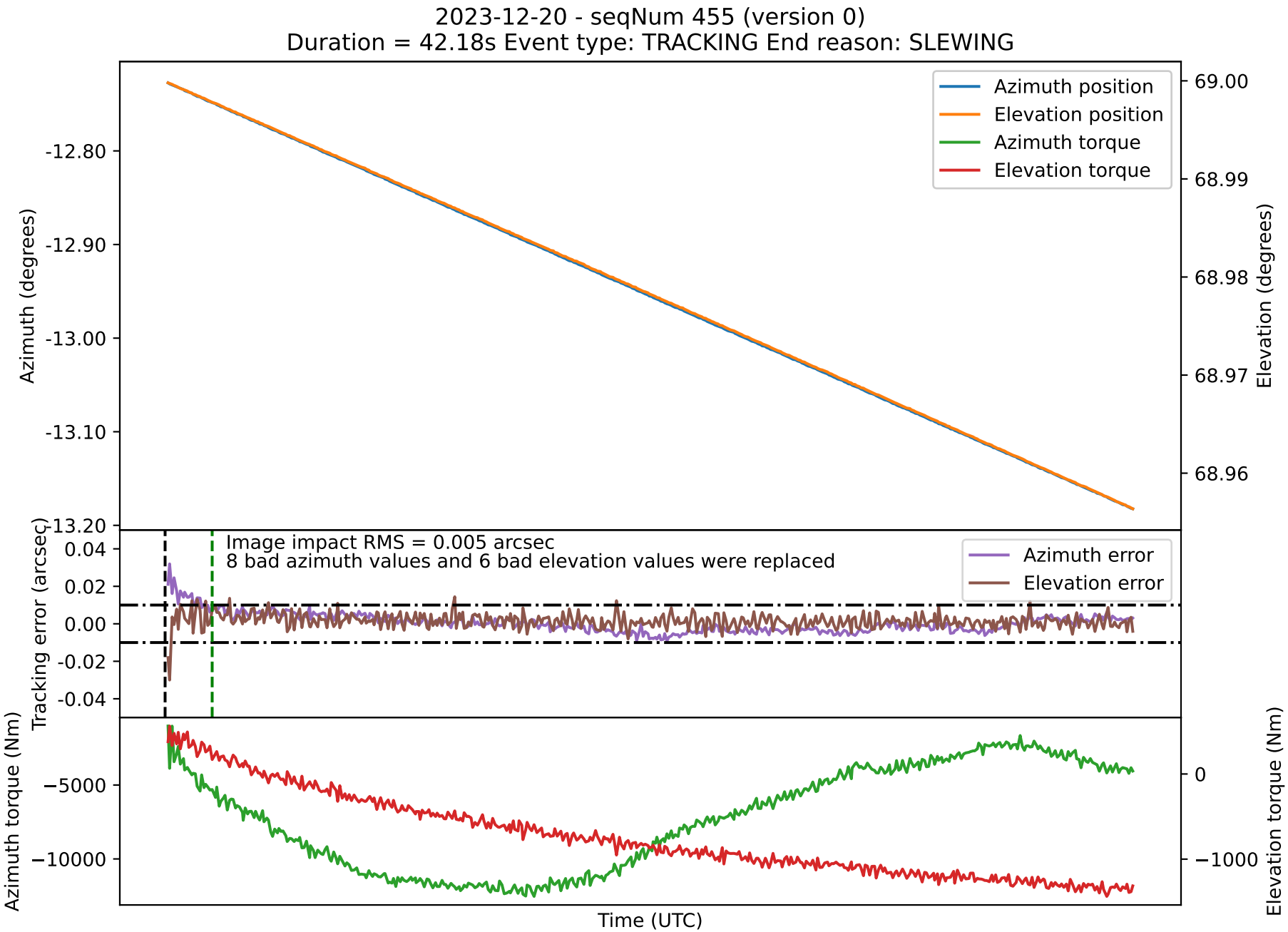

2023-12-20 - seqNum 445 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-13.10
-13.15
-13.20
-13.25
-13.30
46.00
45.99
45.98
45.97
45.96
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
2000
1000
Time (UTC)

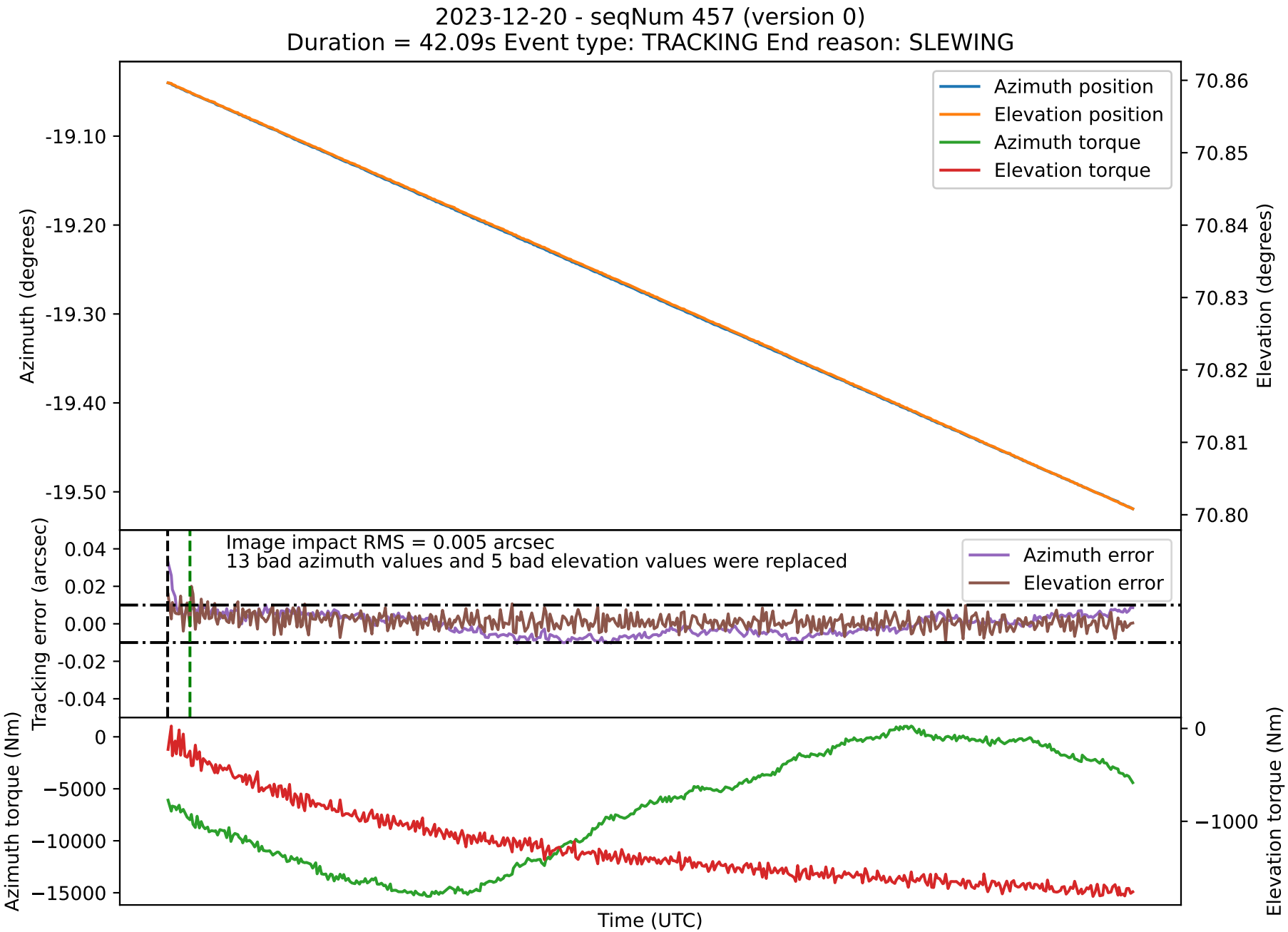

2023-12-20 - seqNum 447 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-11.70
-11.75
-11.80
-11.85
-11.90
48.78
48.77
48.77
48.76
48.76
48.75
48.75
48.74
48.74
Image impact RMS = 0.006 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
1000
0
Time (UTC)

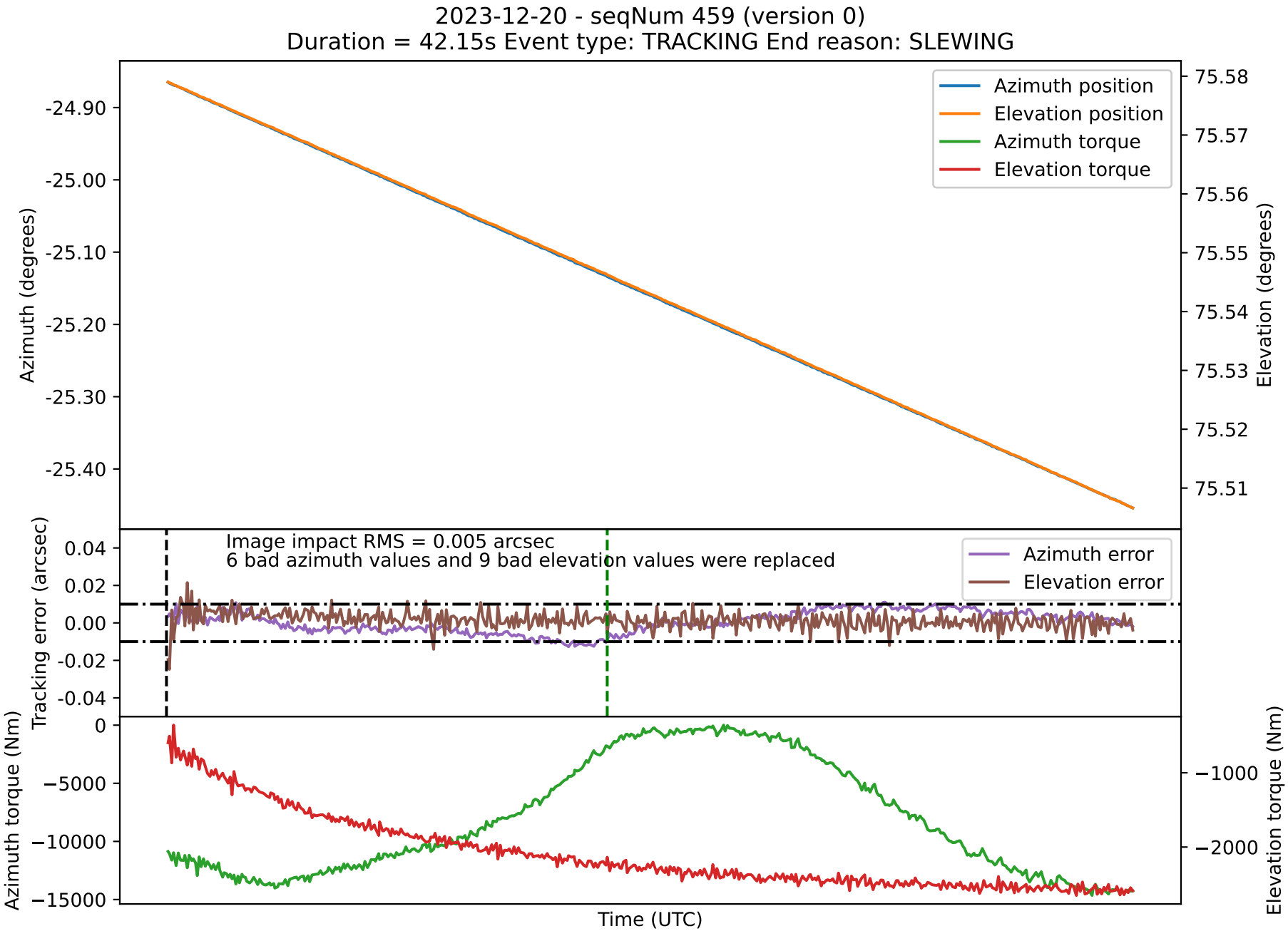

2023-12-20 - seqNum 449 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.95
-15.00
-15.05
-15.10
-15.15
-15.20
50.88
50.87
50.86
50.85
50.84
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
1000
0
Time (UTC)

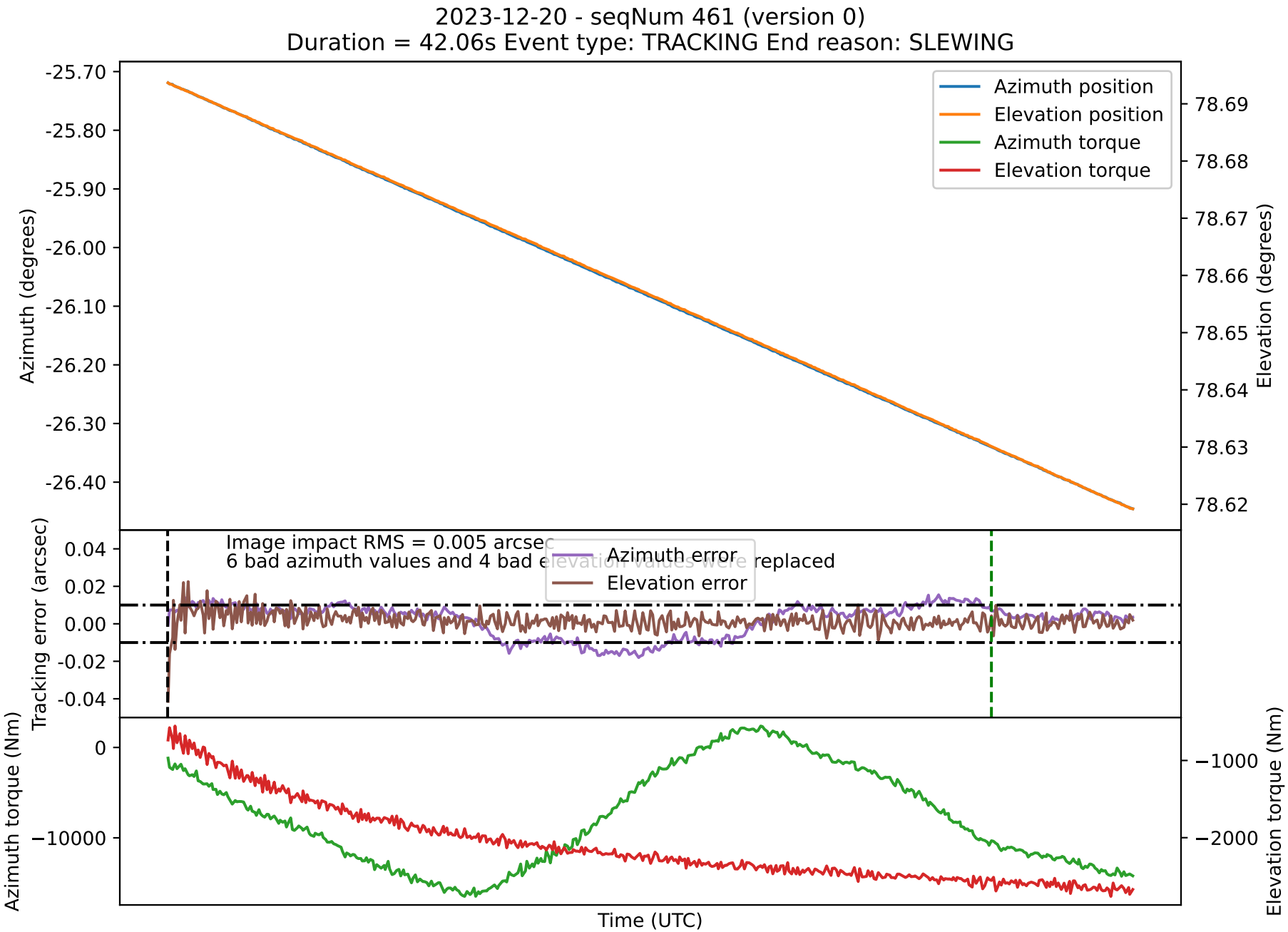

2023-12-20 - seqNum 451 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-15.05
-15.10
-15.15
-15.20
-15.25
-15.30
58.48
58.47
58.46
58.45
58.44
58.43
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
0
−1000
Time (UTC)

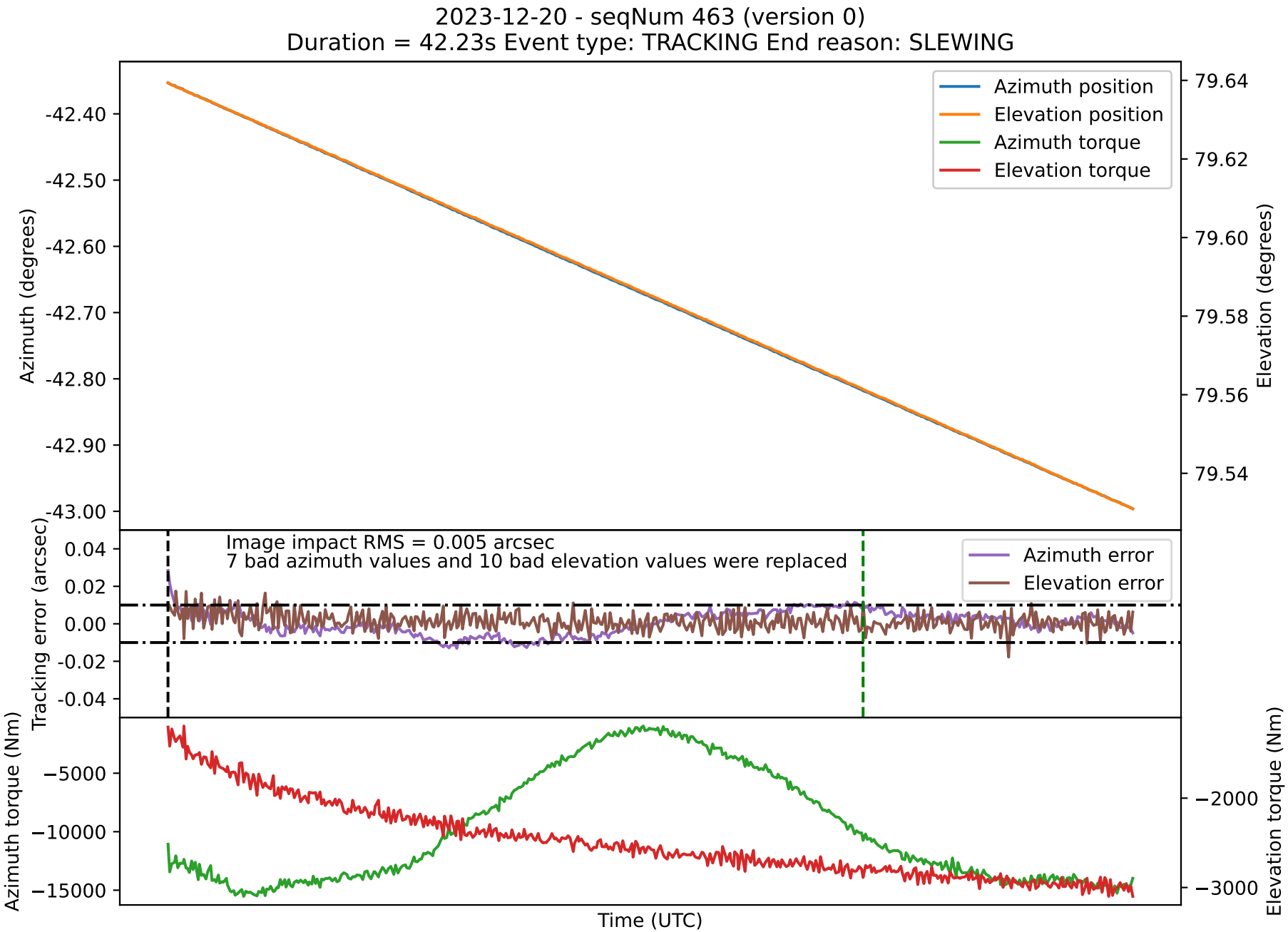

2023-12-20 - seqNum 453 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-17.45
-17.50
-17.55
-17.60
-17.65
-17.70
-17.75
-17.80
63.21
63.20
63.19
63.18
63.17
63.16
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
0
−1000
Time (UTC)

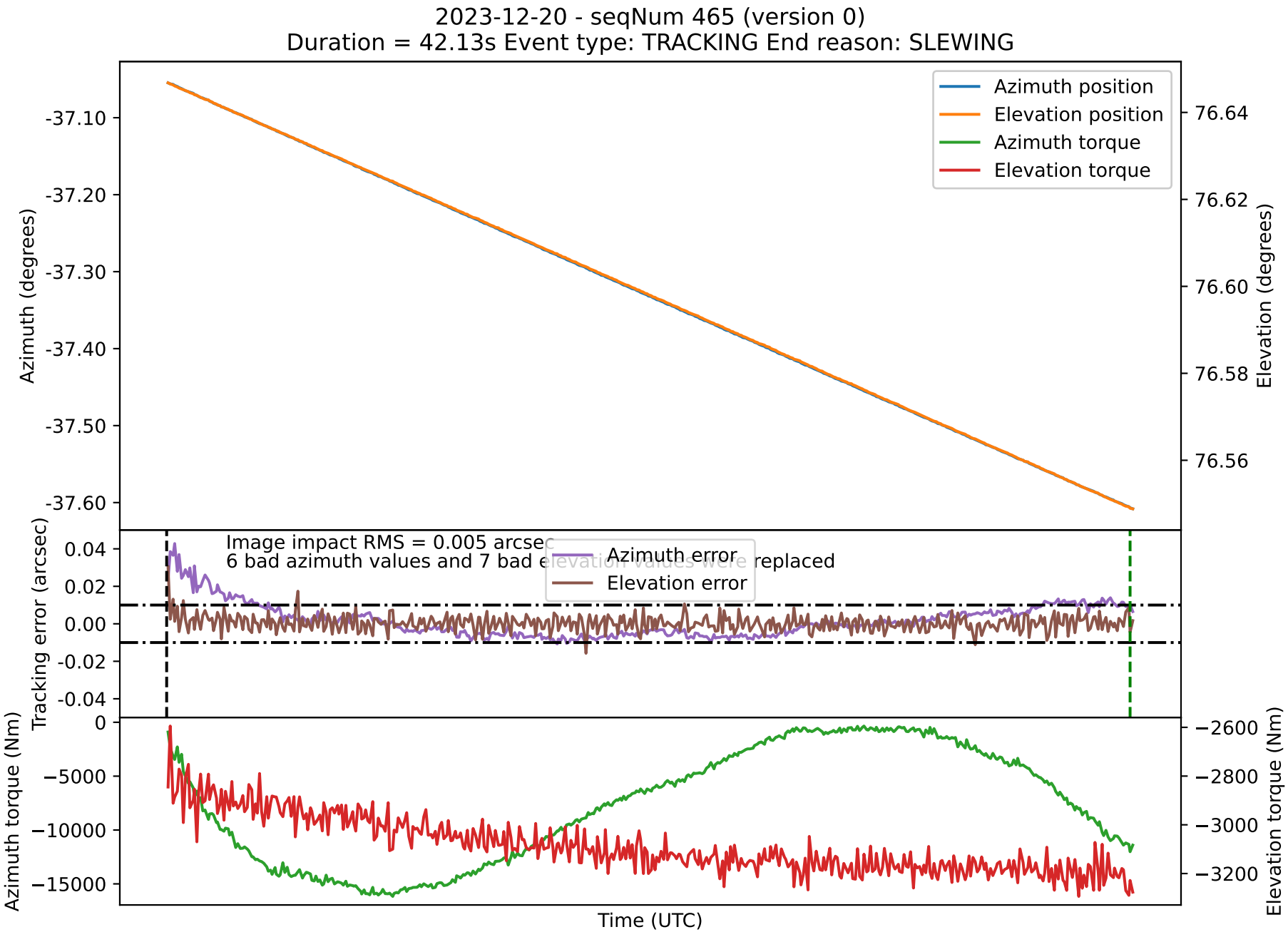

2023-12-20 - seqNum 455 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.80
-12.90
-13.00
-13.10
-13.20
69.00
68.99
68.98
68.97
68.96
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
0
−1000
Time (UTC)

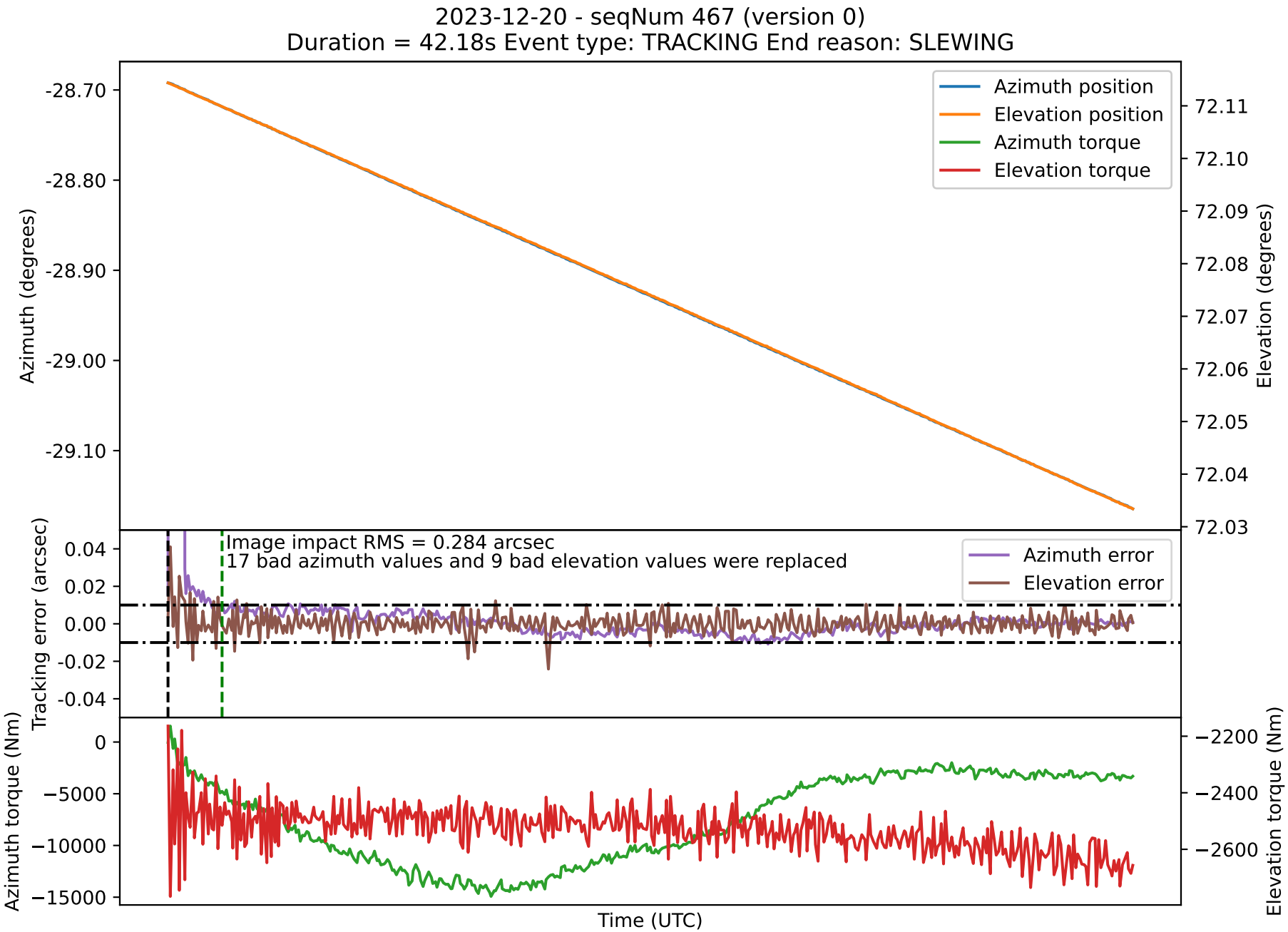

2023-12-20 - seqNum 457 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-19.10
-19.20
-19.30
-19.40
-19.50
70.86
70.85
70.84
70.83
70.82
70.81
70.80
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
0
−1000
Time (UTC)

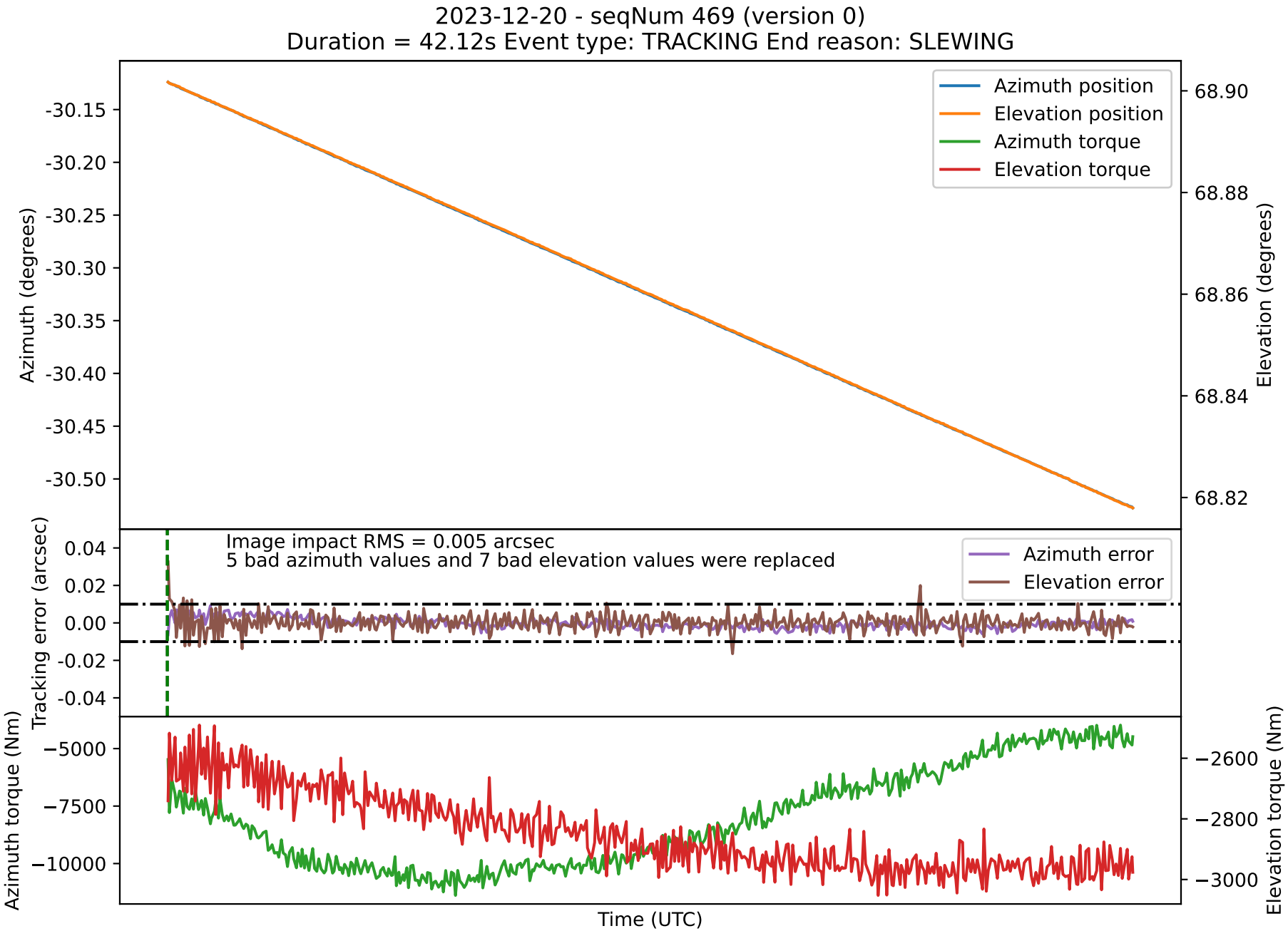

2023-12-20 - seqNum 459 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-24.90
-25.00
-25.10
-25.20
-25.30
-25.40
75.58
75.57
75.56
75.55
75.54
75.53
75.52
75.51
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

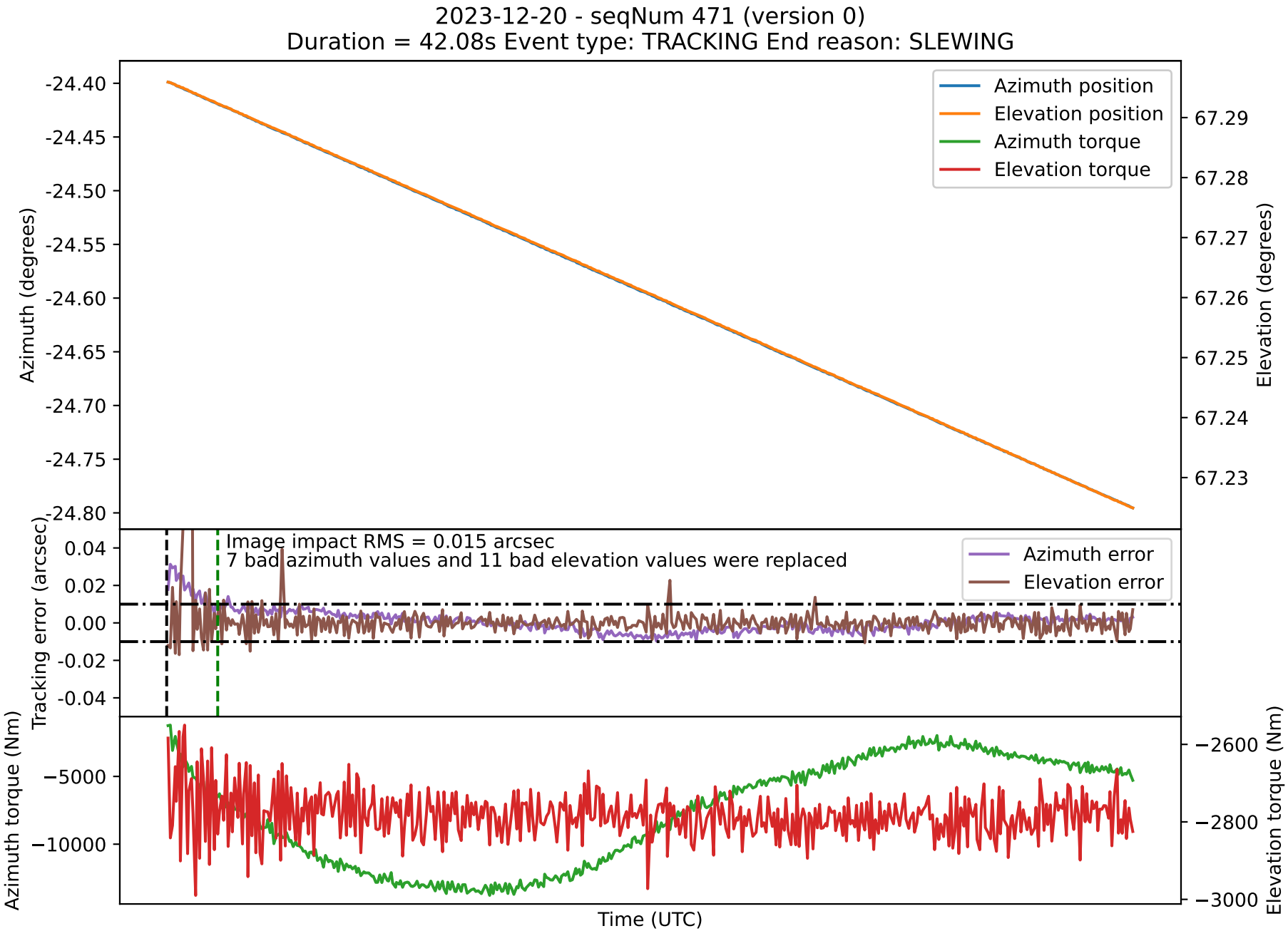

2023-12-20 - seqNum 461 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-25.70
-25.80
-25.90
-26.00
-26.10
-26.20
-26.30
-26.40
78.69
78.68
78.67
78.66
78.65
78.64
78.63
78.62
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−2000
Time (UTC)

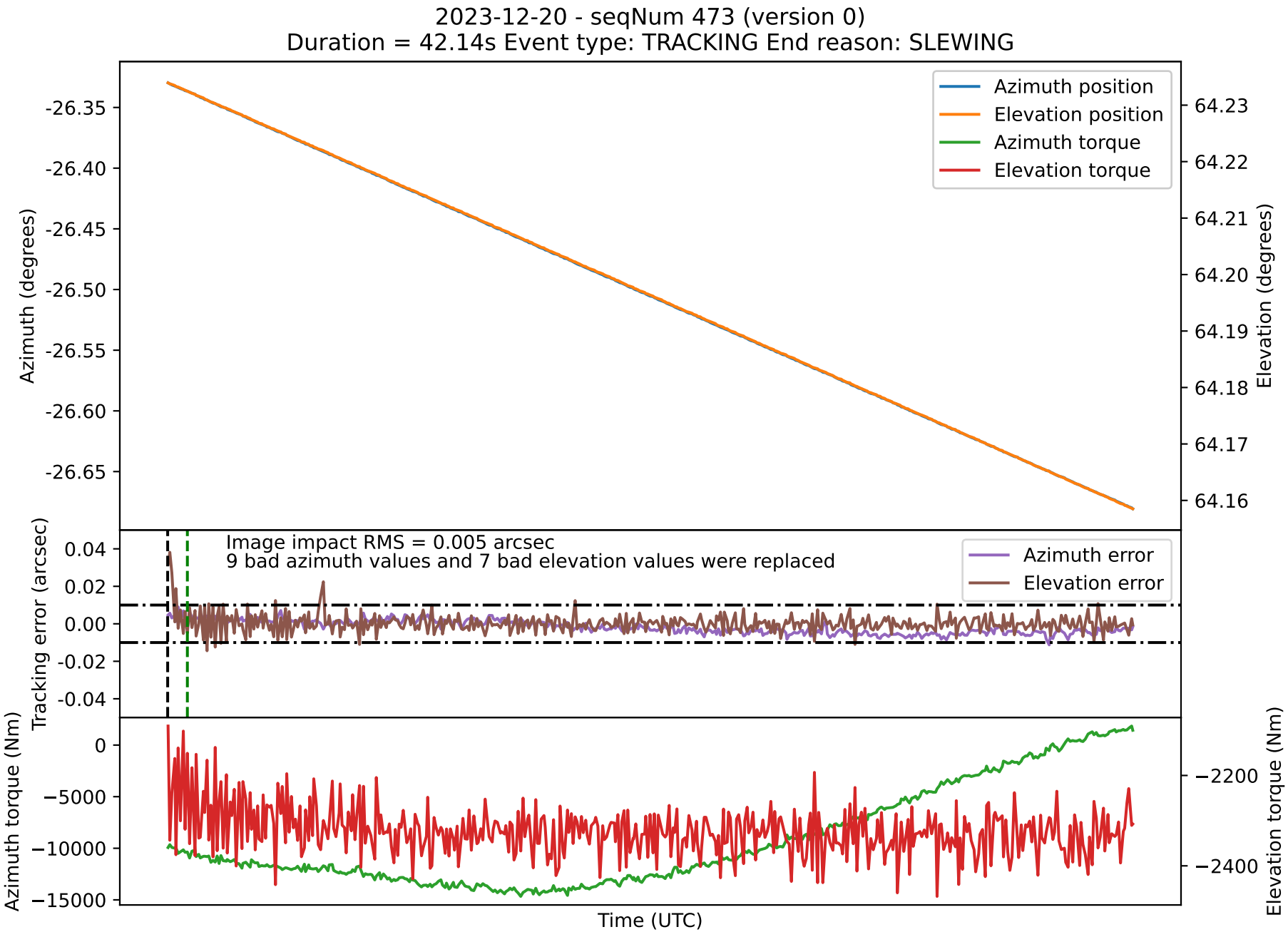

2023-12-20 - seqNum 463 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-42.40
-42.50
-42.60
-42.70
-42.80
-42.90
-43.00
79.64
79.62
79.60
79.58
79.56
79.54
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−2000
−3000
Time (UTC)

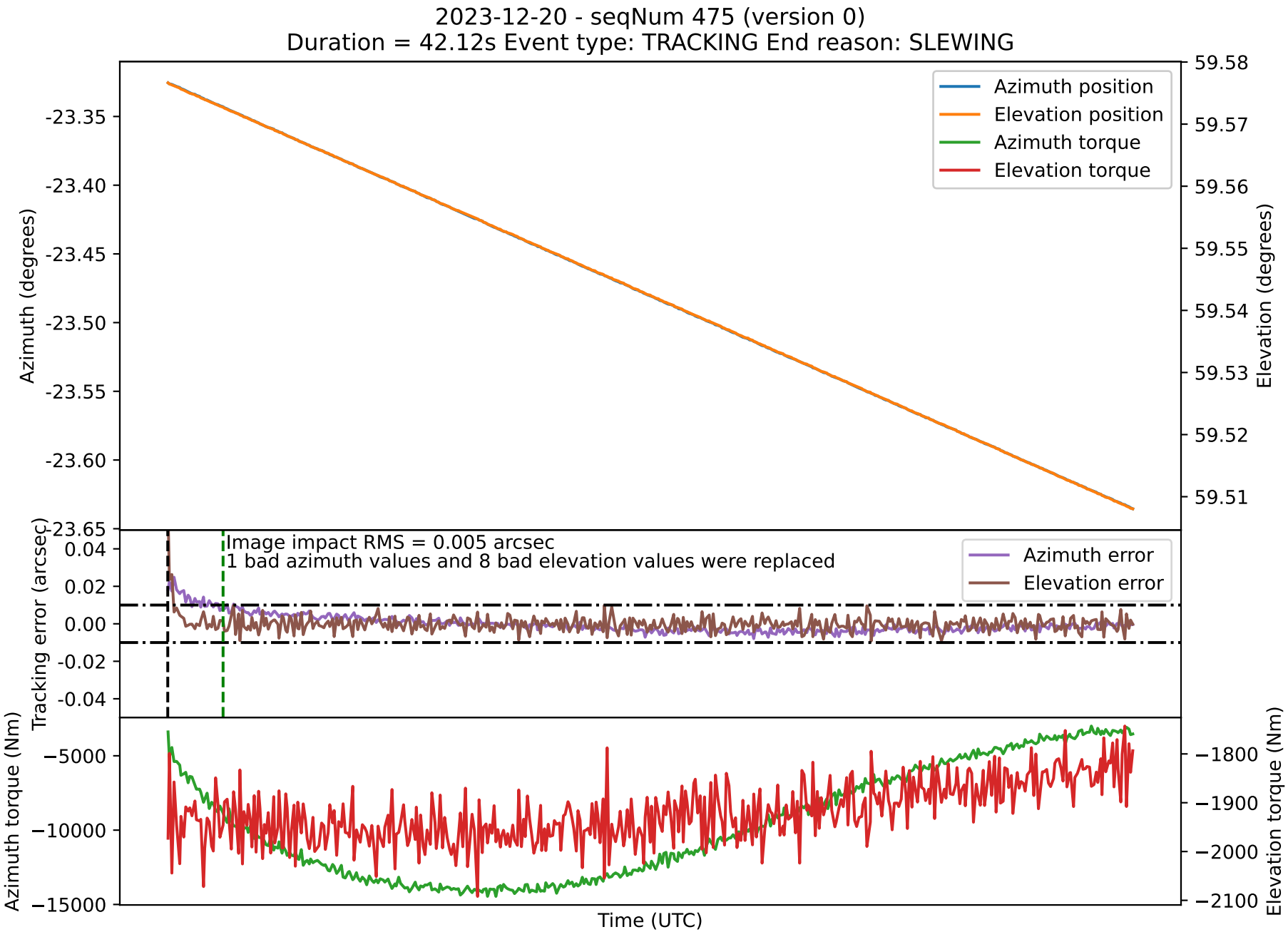

2023-12-20 - seqNum 465 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-37.10
-37.20
-37.30
-37.40
-37.50
-37.60
76.64
76.62
76.60
76.58
76.56
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2600
−2800
−3000
−3200
Time (UTC)

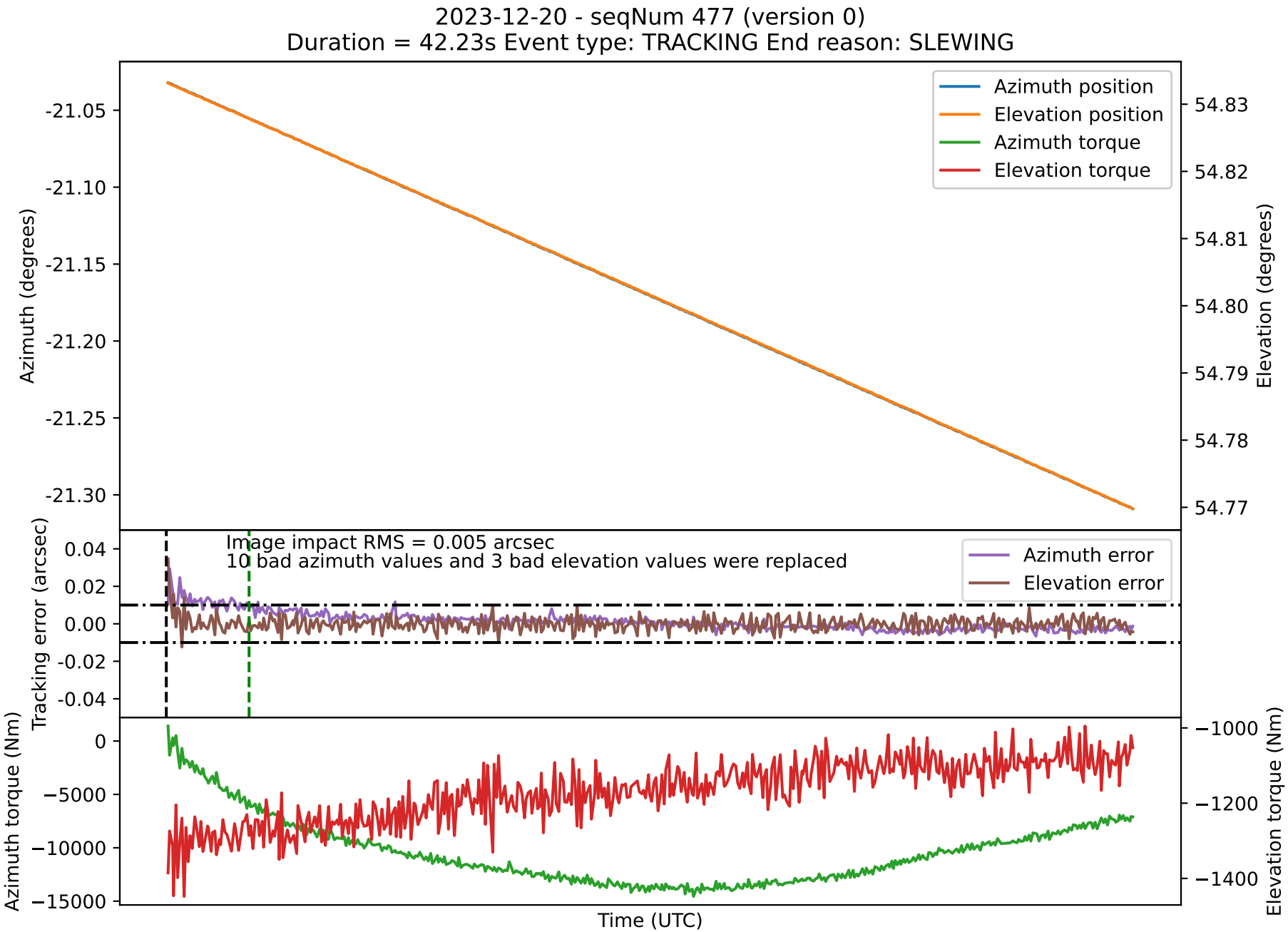

2023-12-20 - seqNum 467 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-28.70
-28.80
-28.90
-29.00
-29.10
72.11
72.10
72.09
72.08
72.07
72.06
72.05
72.04
72.03
Image impact RMS = 0.284 arcsec
17 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2200
−2400
−2600
Time (UTC)

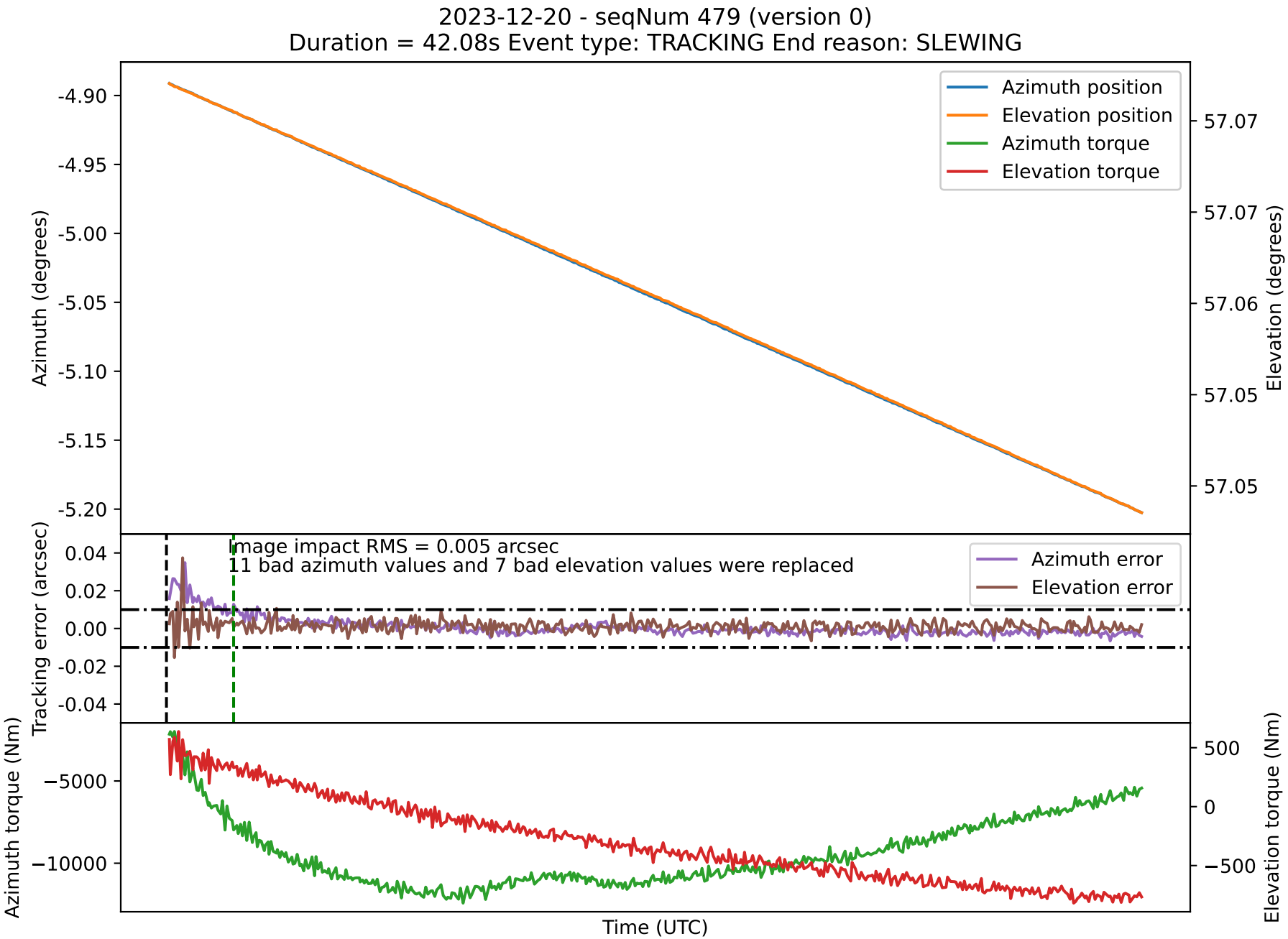

2023-12-20 - seqNum 469 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-30.15
-30.20
-30.25
-30.30
-30.35
-30.40
-30.45
-30.50
68.90
68.88
68.86
68.84
68.82
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−2600
−2800
−3000
Time (UTC)

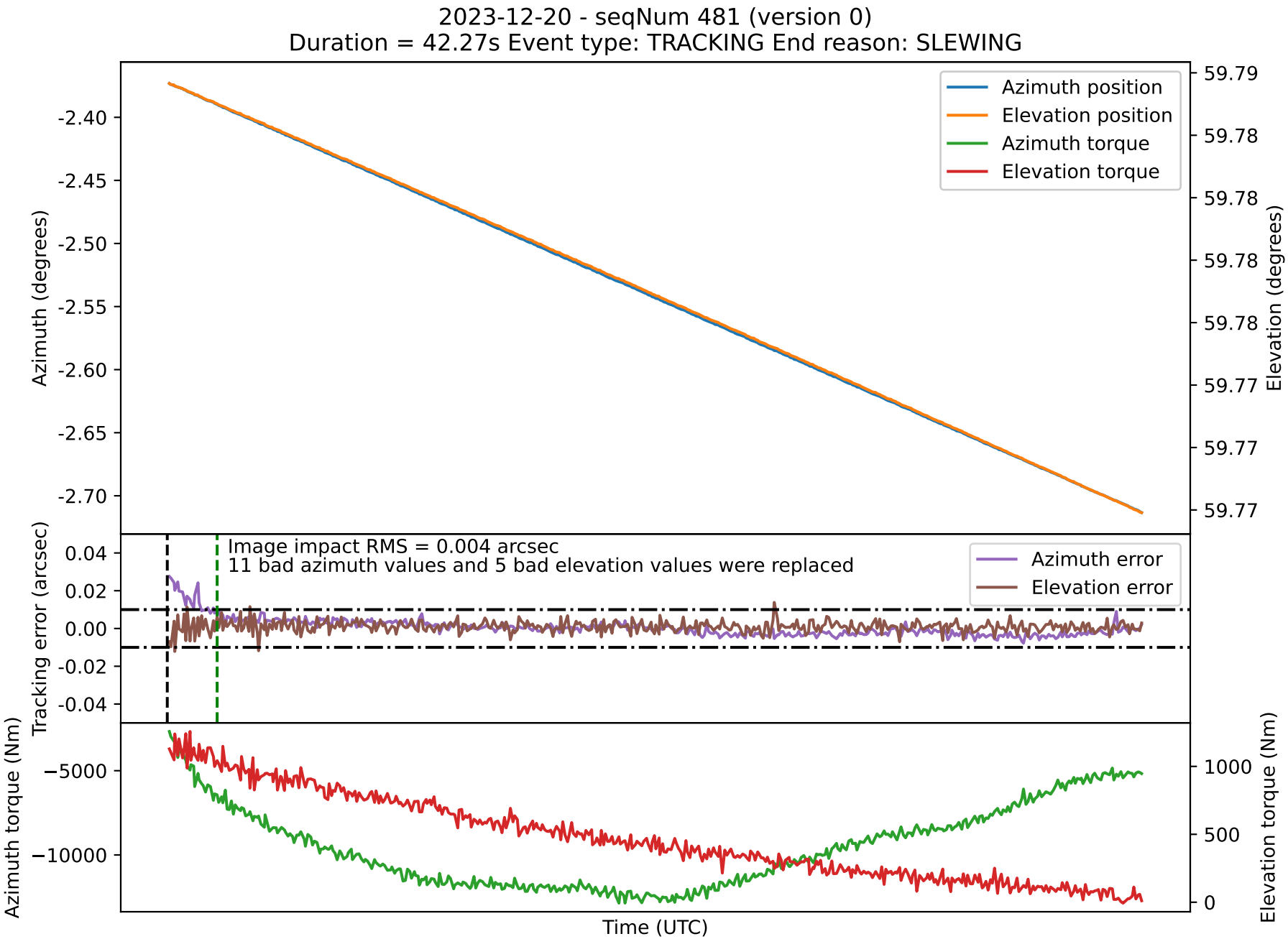

2023-12-20 - seqNum 471 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-24.40
-24.45
-24.50
-24.55
-24.60
-24.65
-24.70
-24.75
-24.80
67.29
67.28
67.27
67.26
67.25
67.24
67.23
Image impact RMS = 0.015 arcsec
7 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−2600
−2800
−3000
Time (UTC)

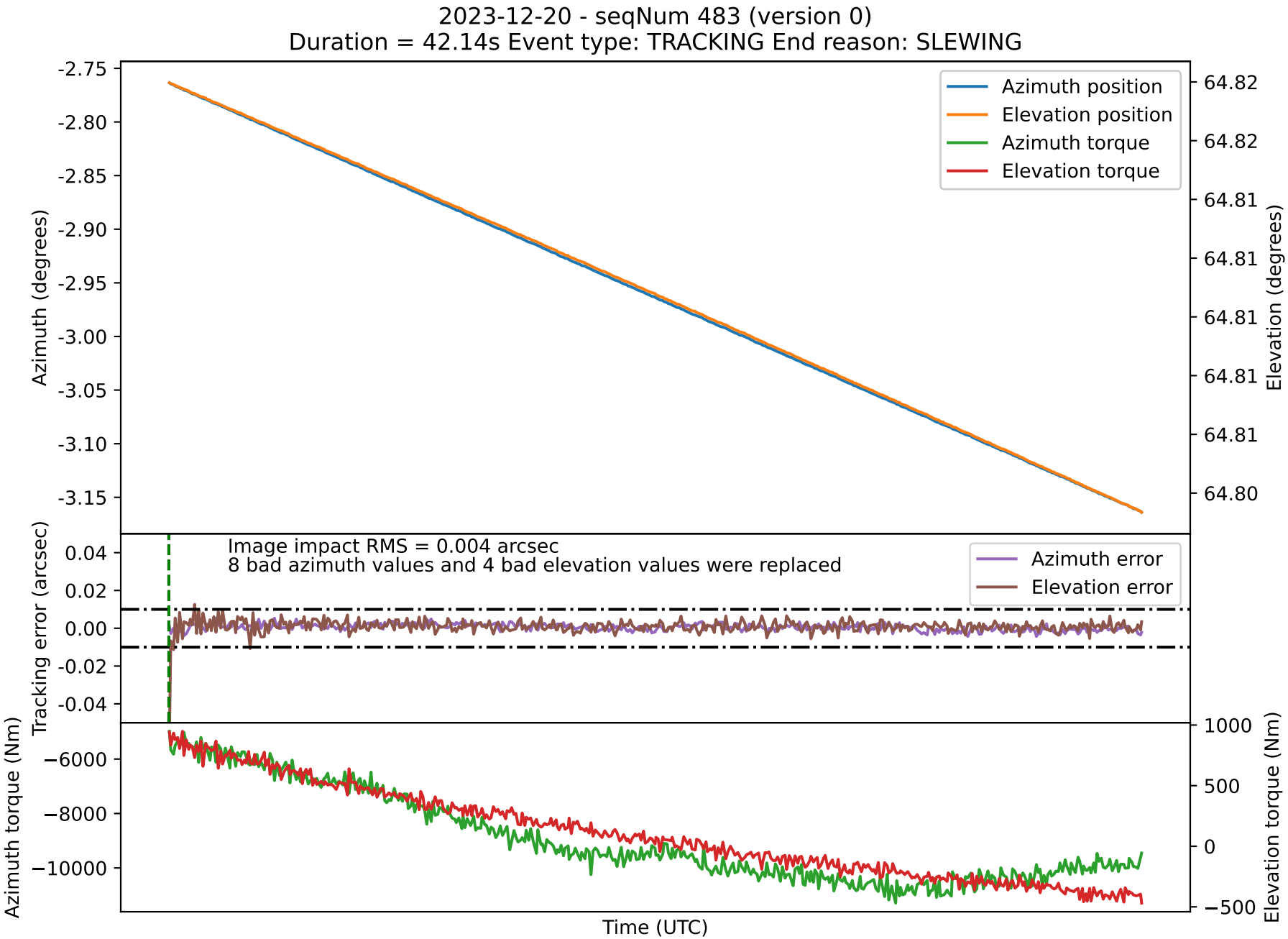

2023-12-20 - seqNum 473 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-26.35
-26.40
-26.45
-26.50
-26.55
-26.60
-26.65
64.23
64.22
64.21
64.20
64.19
64.18
64.17
64.16
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2200
−2400
Time (UTC)

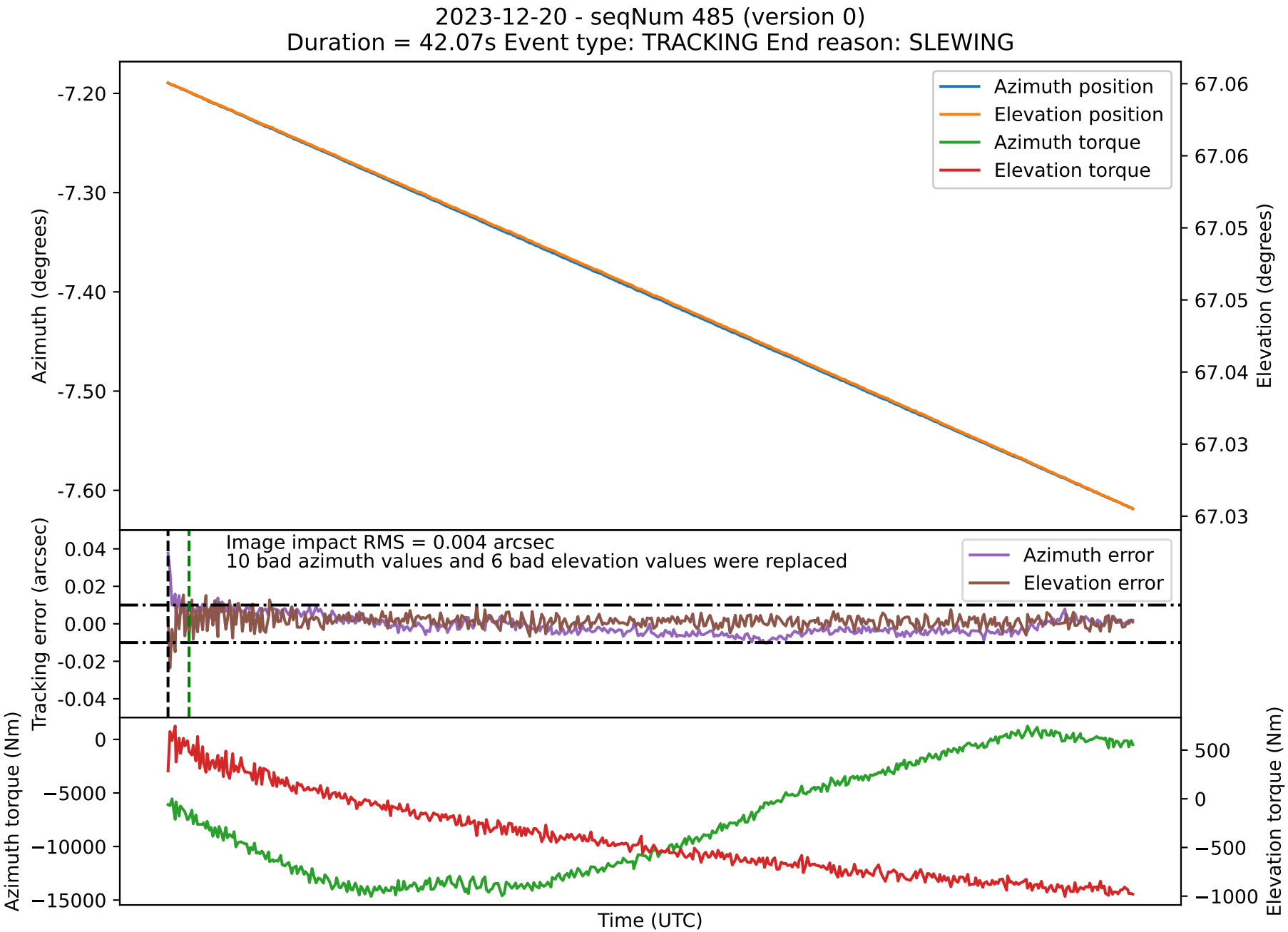

2023-12-20 - seqNum 475 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-23.35
-23.40
-23.45
-23.50
-23.55
-23.60
-23.65
59.58
59.57
59.56
59.55
59.54
59.53
59.52
59.51
Image impact RMS = 0.005 arcsec
1 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−1800
−1900
−2000
−2100
Time (UTC)

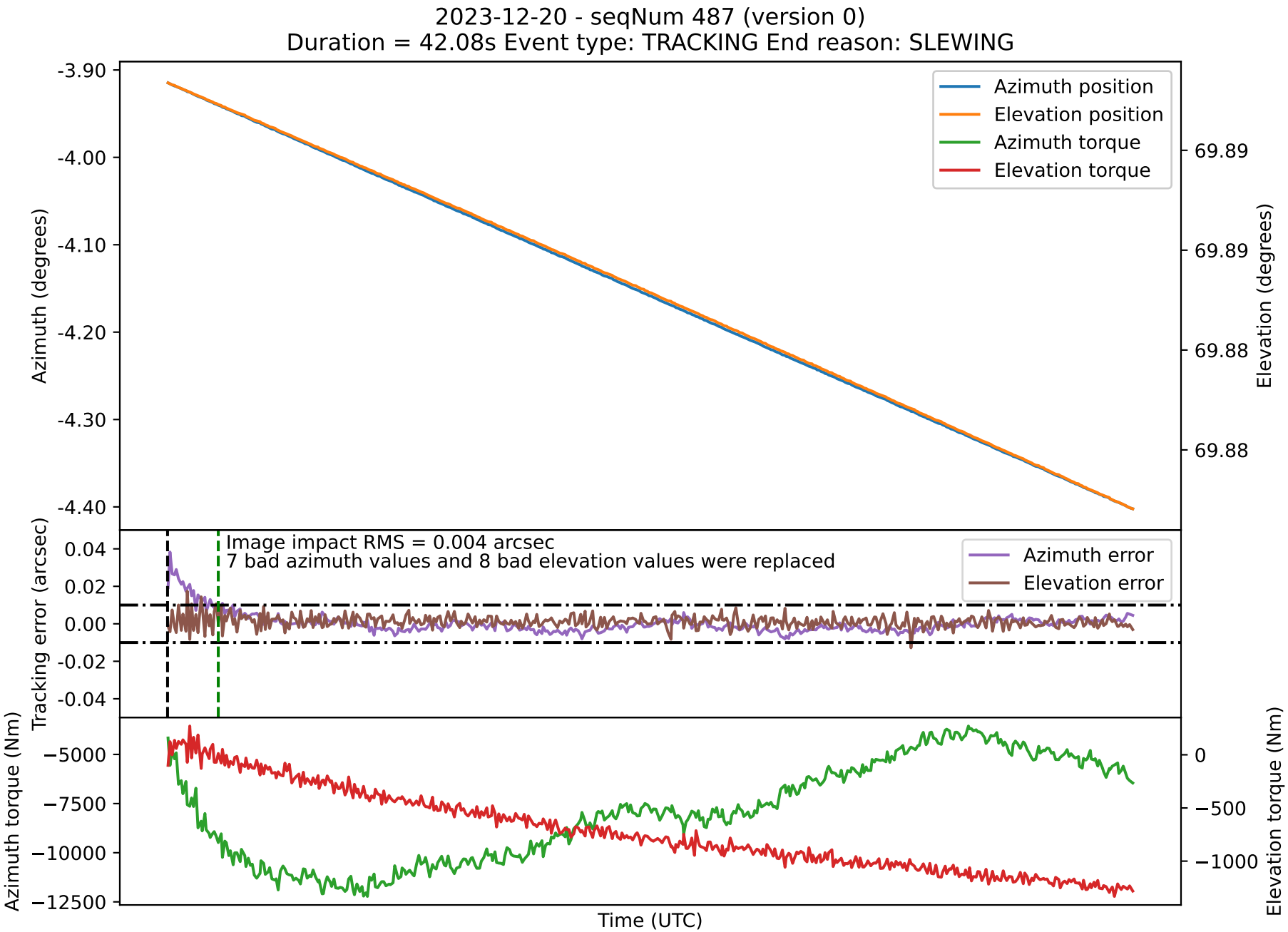

2023-12-20 - seqNum 477 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-21.05
-21.10
-21.15
-21.20
-21.25
-21.30
54.83
54.82
54.81
54.80
54.79
54.78
54.77
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−1200
−1400
Time (UTC)

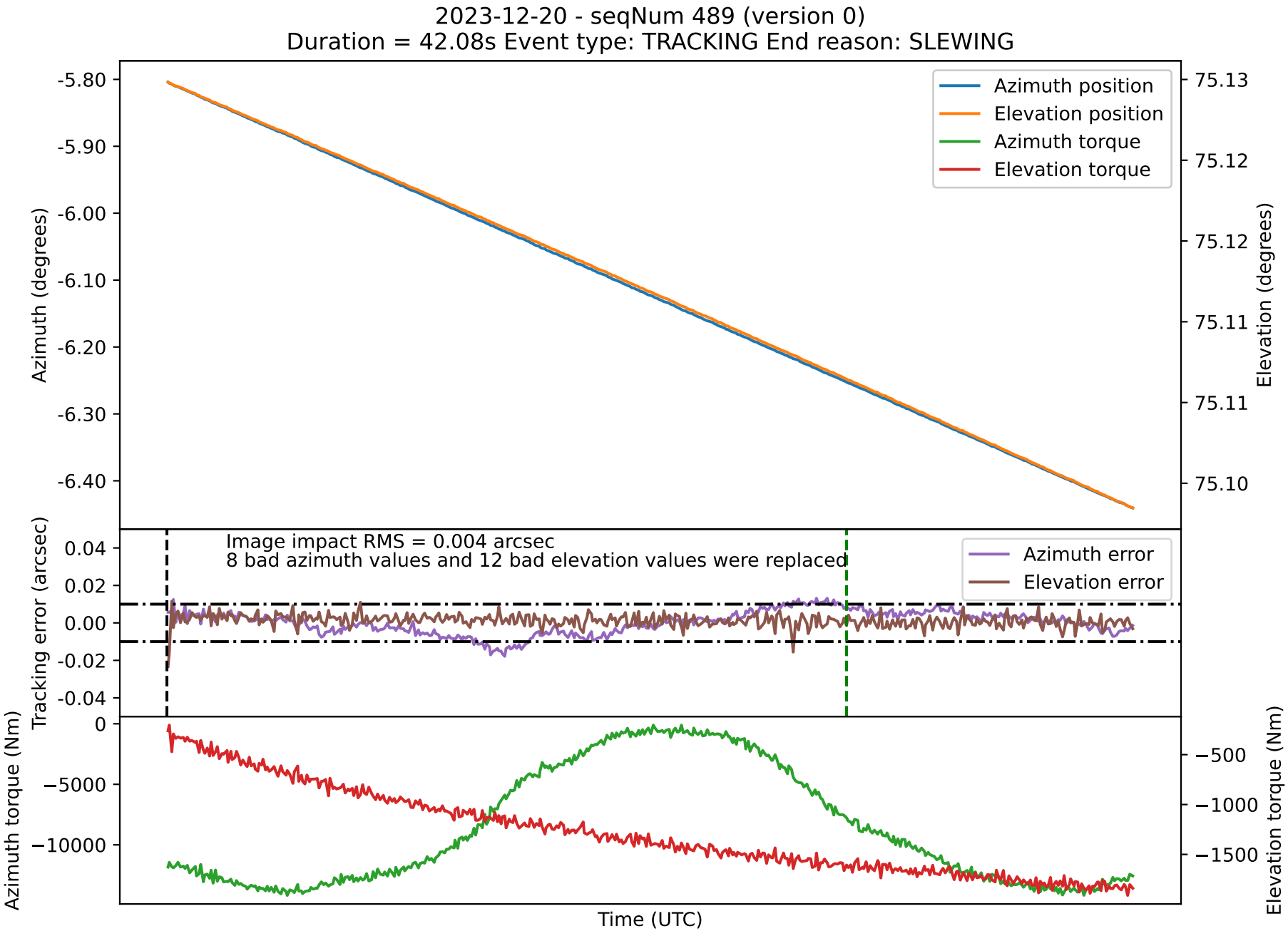

2023-12-20 - seqNum 479 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-4.90
-4.95
-5.00
-5.05
-5.10
-5.15
-5.20
57.07
57.07
57.06
57.05
57.05
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
500
0
−500
Time (UTC)

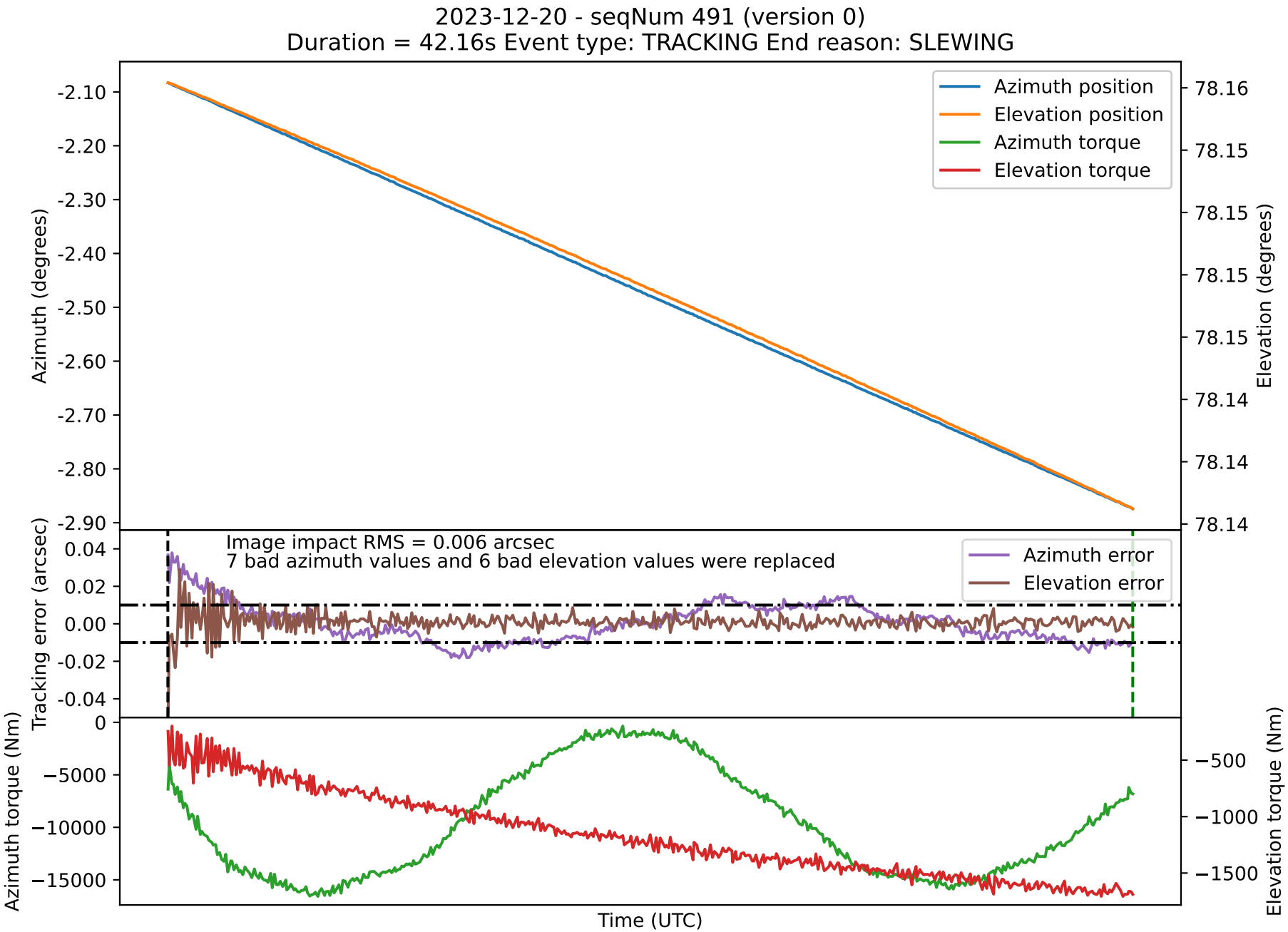

2023-12-20 - seqNum 481 (version 0)
Duration = 42.27s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-2.40
-2.45
-2.50
-2.55
-2.60
-2.65
-2.70
59.79
59.78
59.78
59.78
59.78
59.77
59.77
59.77
Image impact RMS = 0.004 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
1000
500
0
Time (UTC)

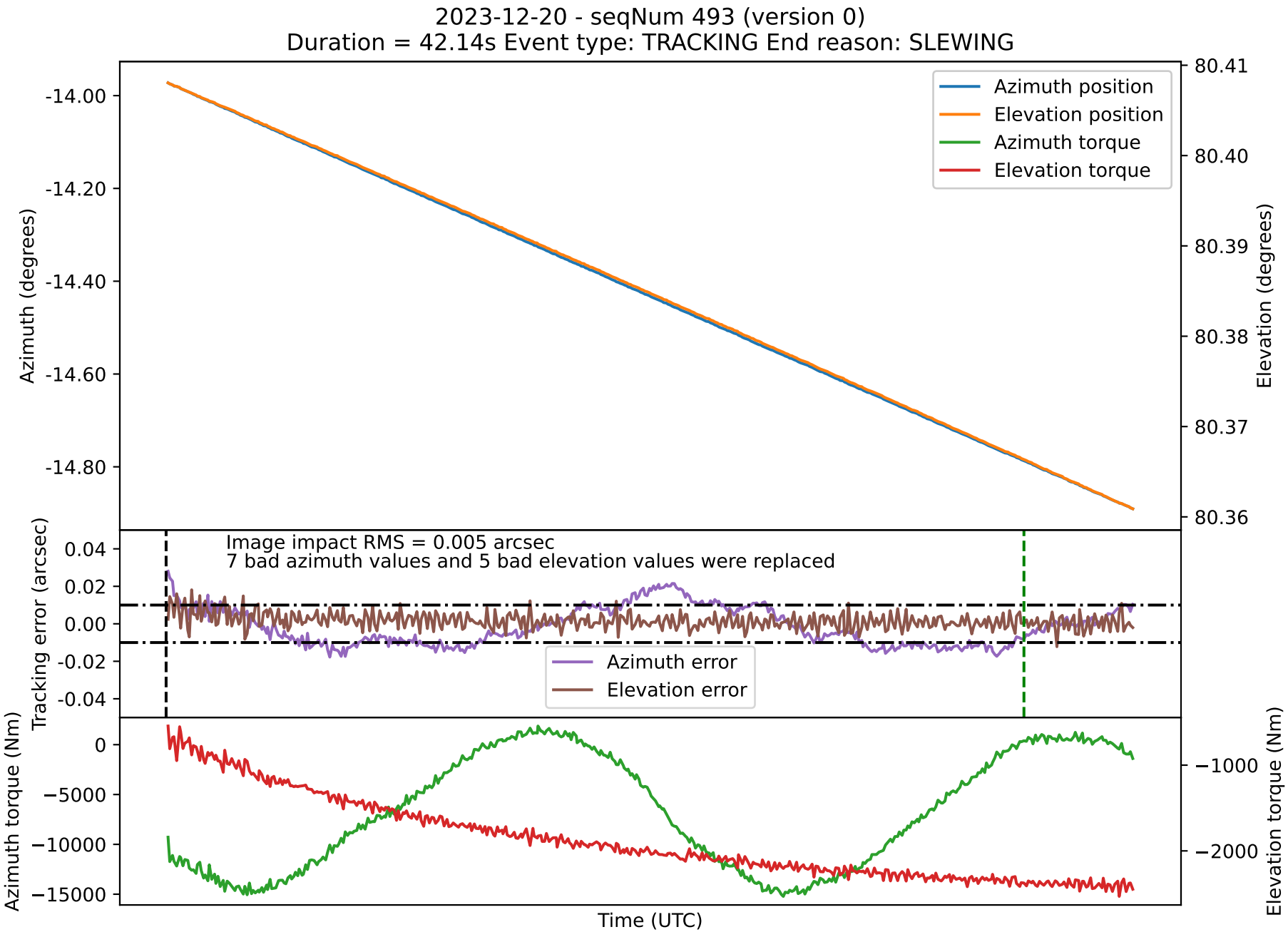

2023-12-20 - seqNum 483 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

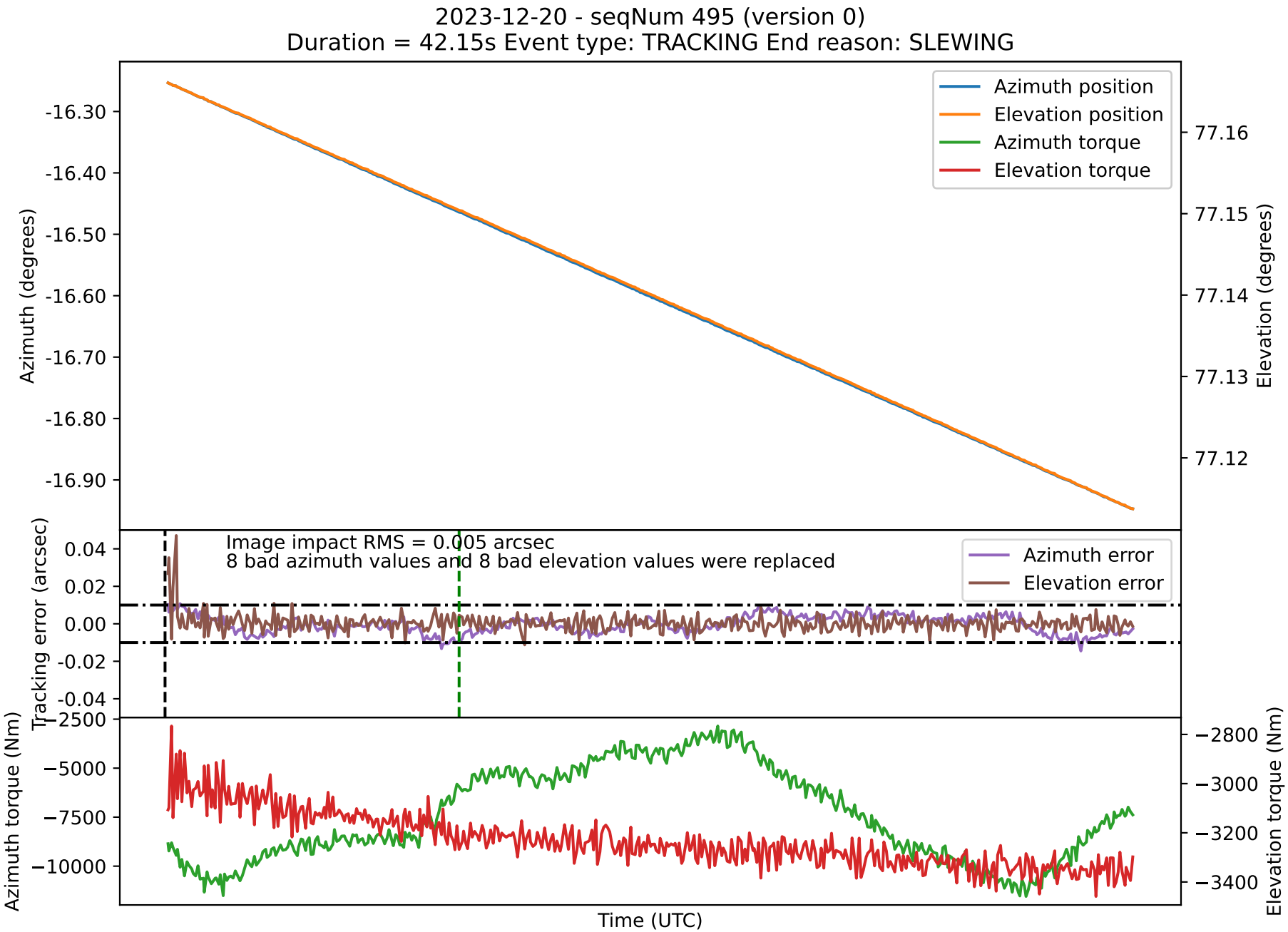

2023-12-20 - seqNum 485 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.20
-7.30
-7.40
-7.50
-7.60
67.06
67.06
67.05
67.05
67.04
67.03
67.03
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
500
0
−500
−1000
Time (UTC)

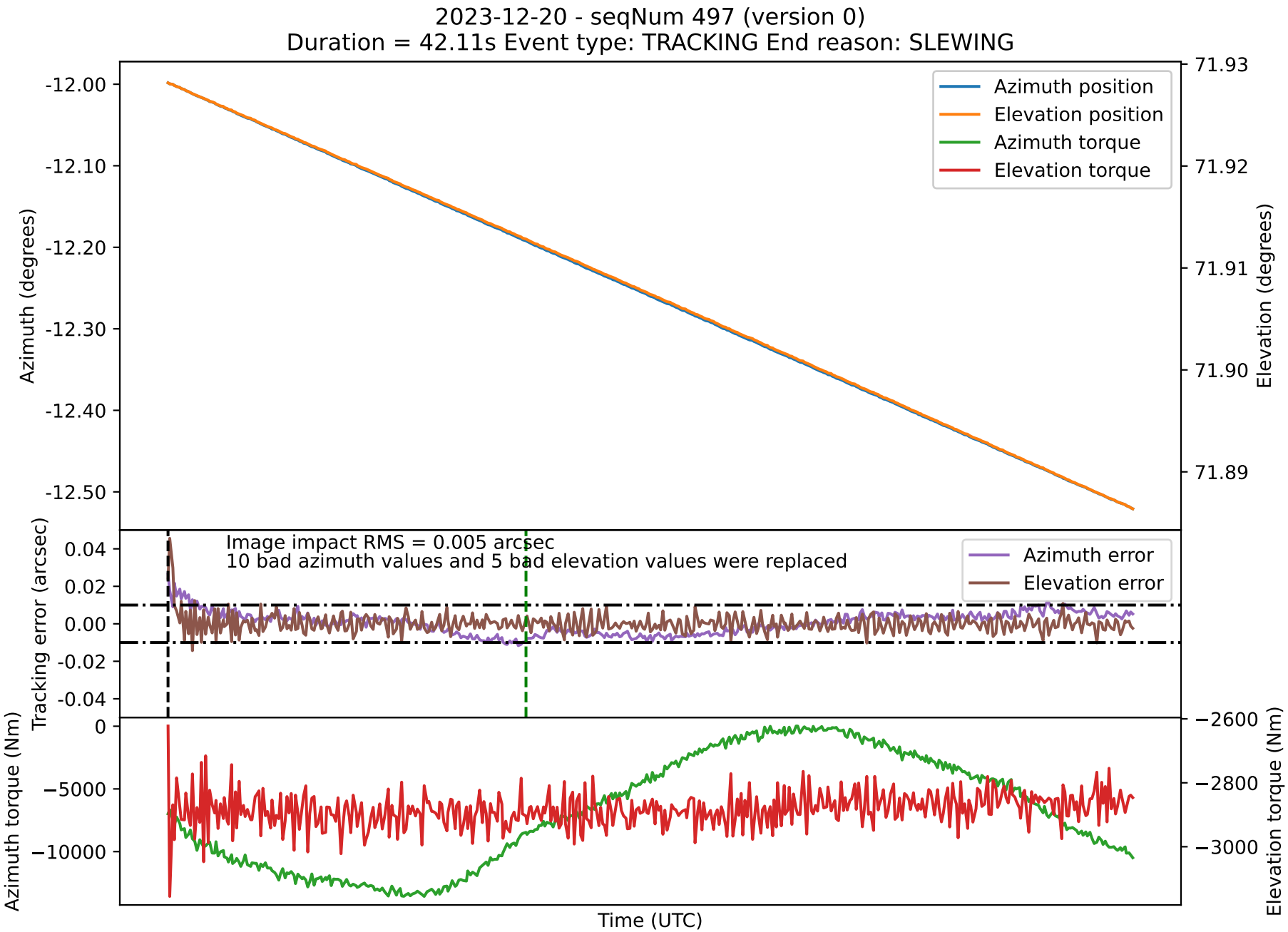

2023-12-20 - seqNum 487 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.90
-4.00
-4.10
-4.20
-4.30
-4.40
69.89
69.89
69.88
69.88
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
0
−500
−1000
Time (UTC)

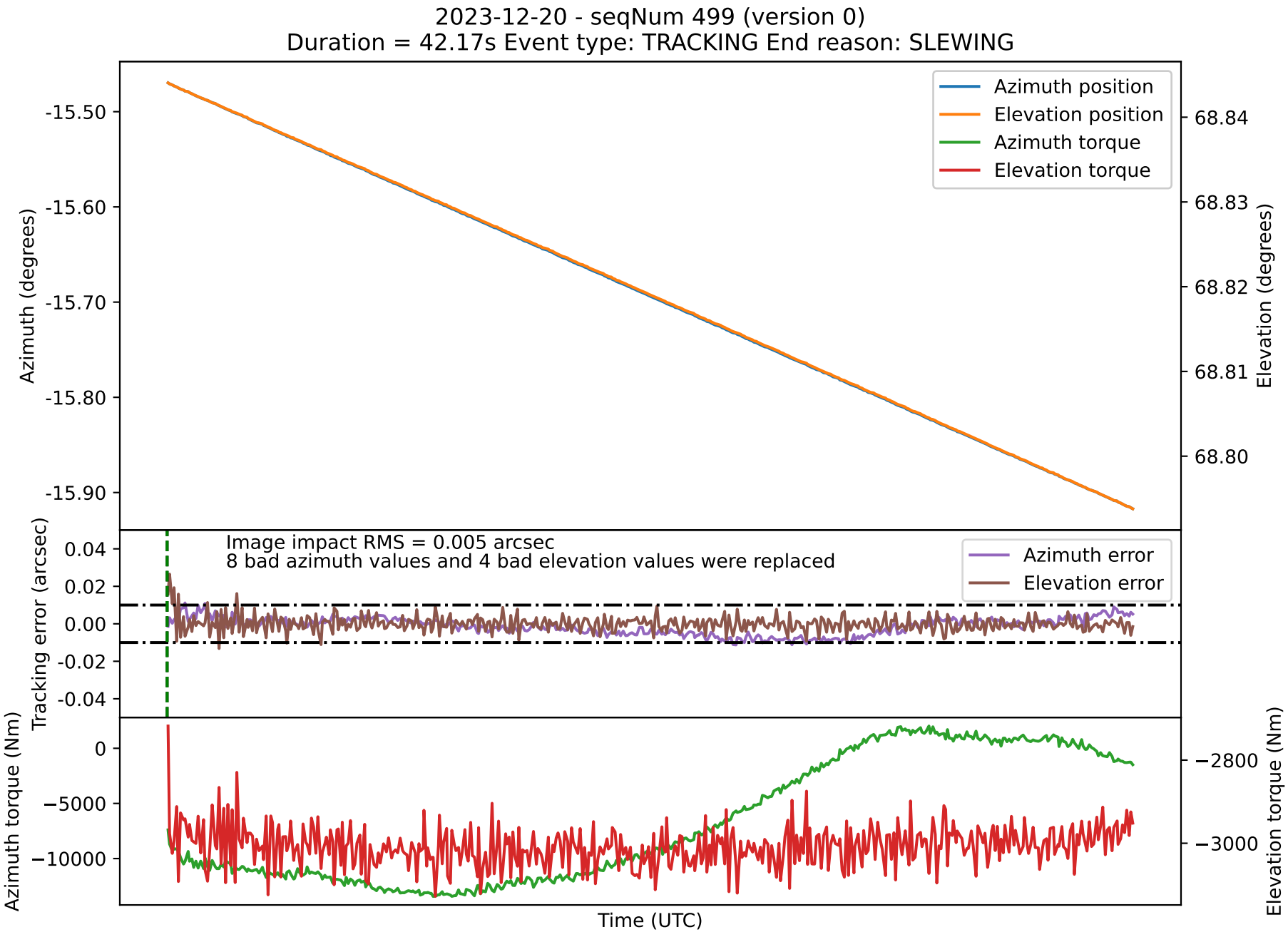

2023-12-20 - seqNum 489 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.80
-5.90
-6.00
-6.10
-6.20
-6.30
-6.40
75.13
75.12
75.12
75.11
75.11
75.10
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−500
−1000
−1500
Time (UTC)

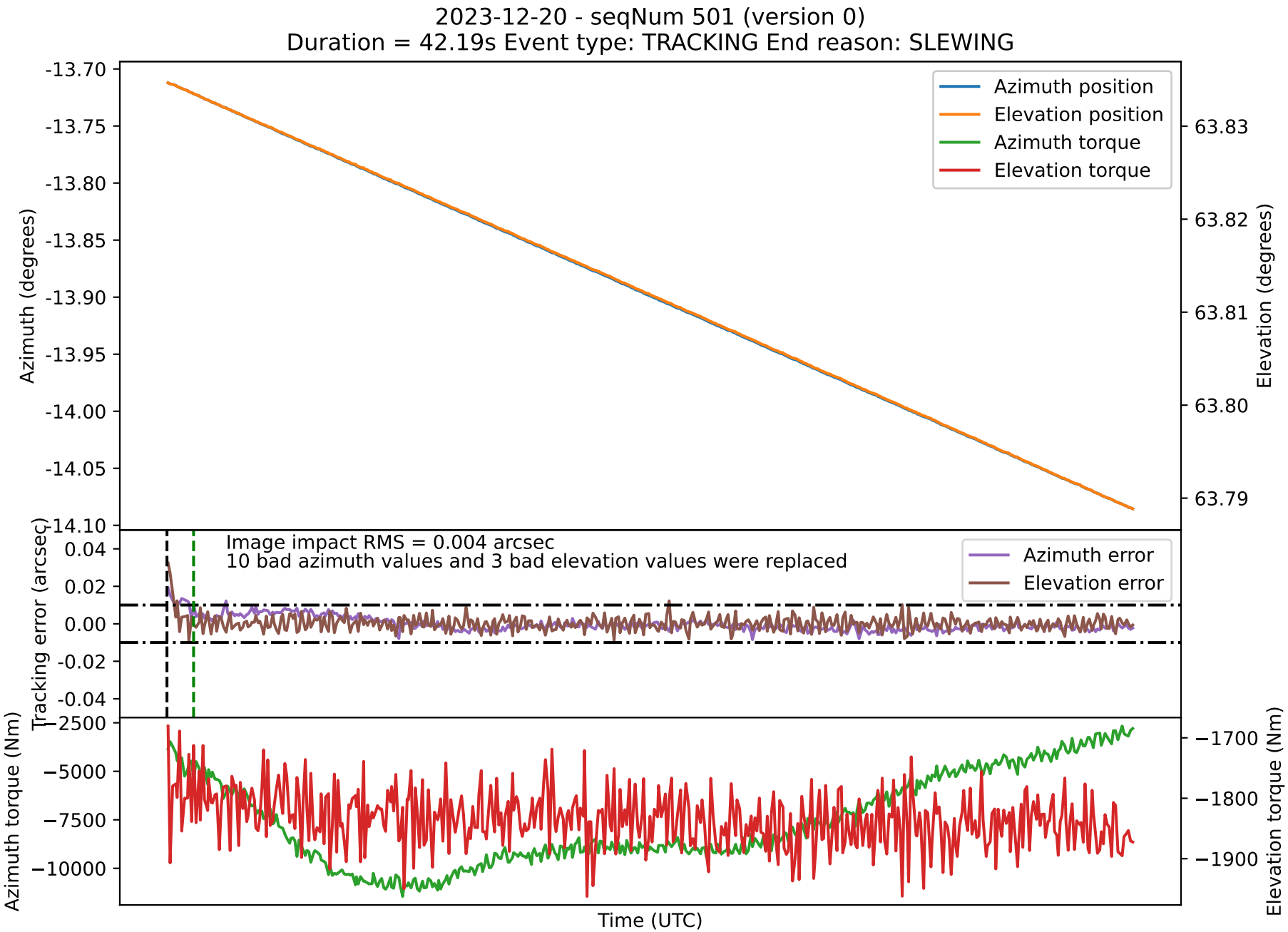

2023-12-20 - seqNum 491 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

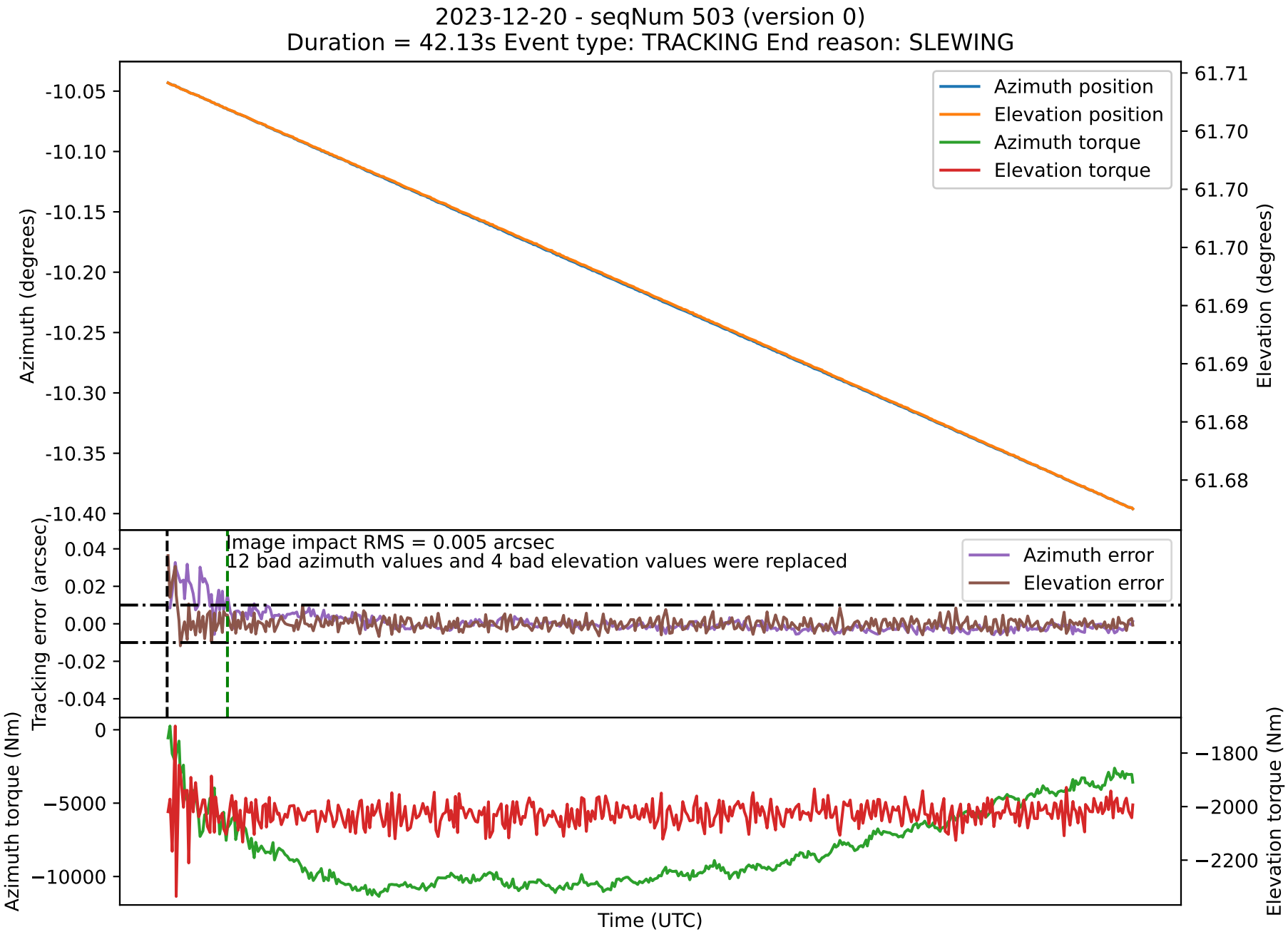

2023-12-20 - seqNum 493 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.00
-14.20
-14.40
-14.60
-14.80
80.41
80.40
80.39
80.38
80.37
80.36
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

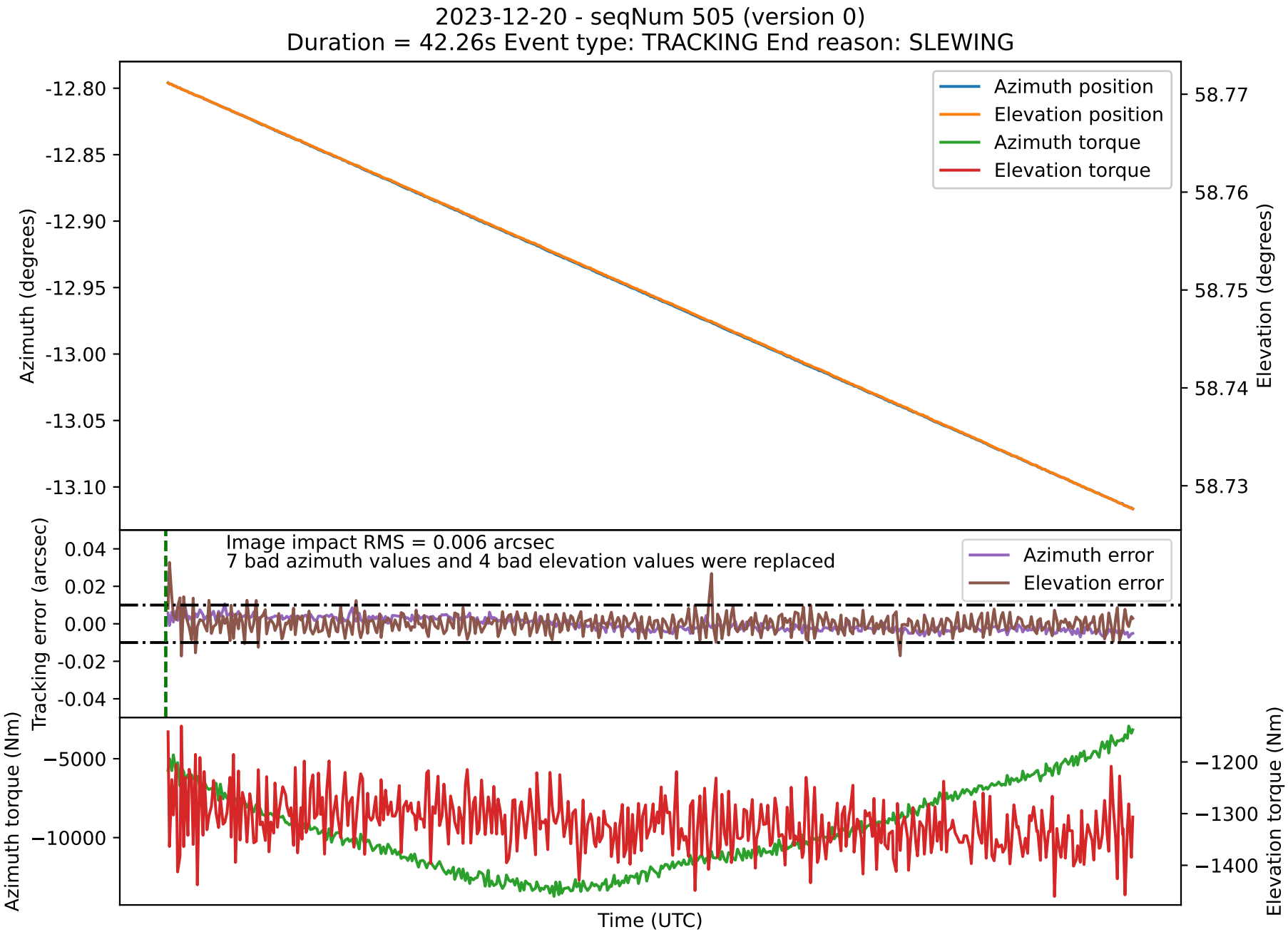

2023-12-20 - seqNum 495 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-16.30
-16.40
-16.50
-16.60
-16.70
-16.80
-16.90
77.16
77.15
77.14
77.13
77.12
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−2500
−5000
−7500
−10000
−2800
−3000
−3200
−3400
Time (UTC)

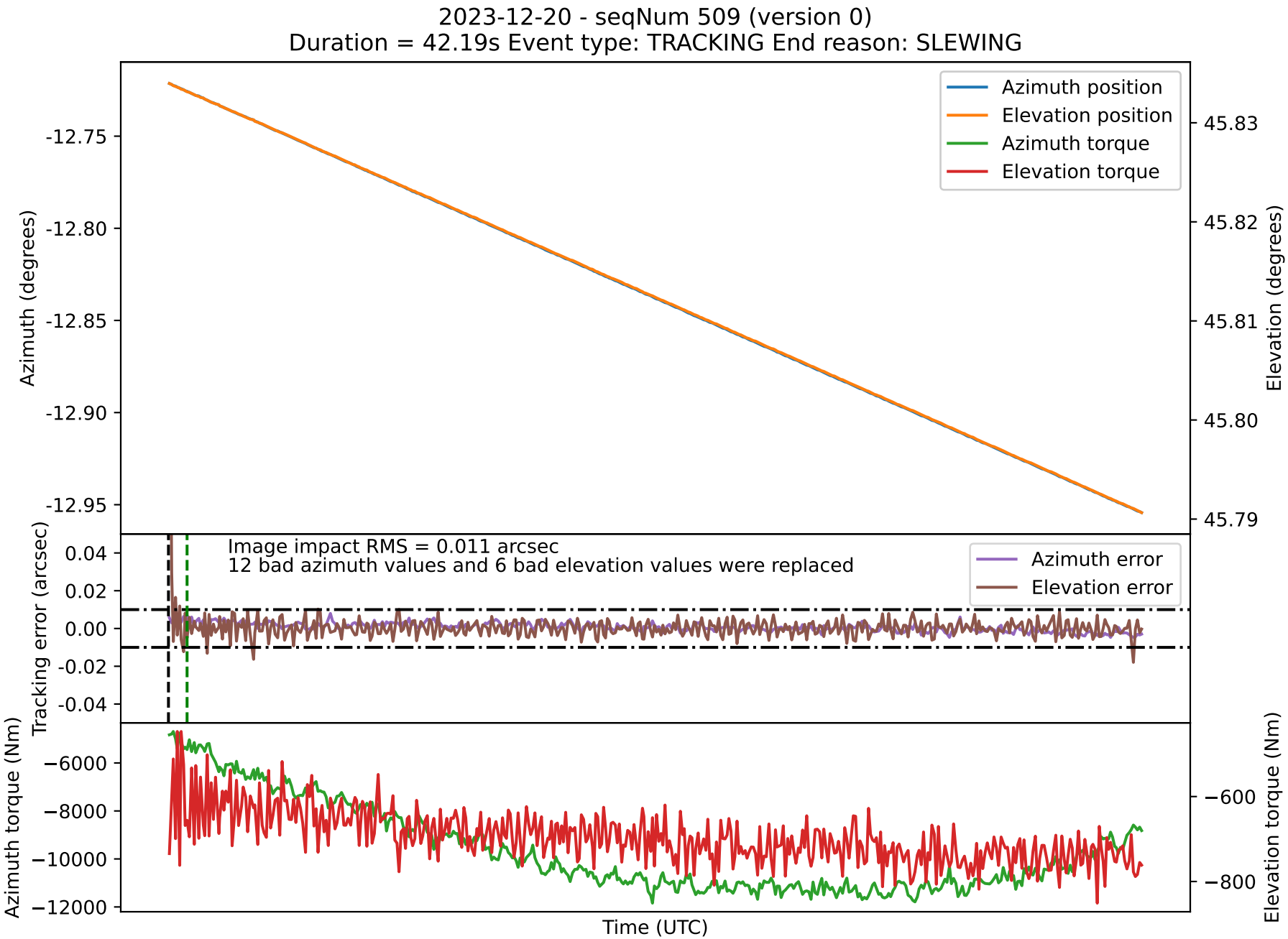

2023-12-20 - seqNum 497 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.00
-12.10
-12.20
-12.30
-12.40
-12.50
71.93
71.92
71.91
71.90
71.89
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−2600
−2800
−3000
Time (UTC)

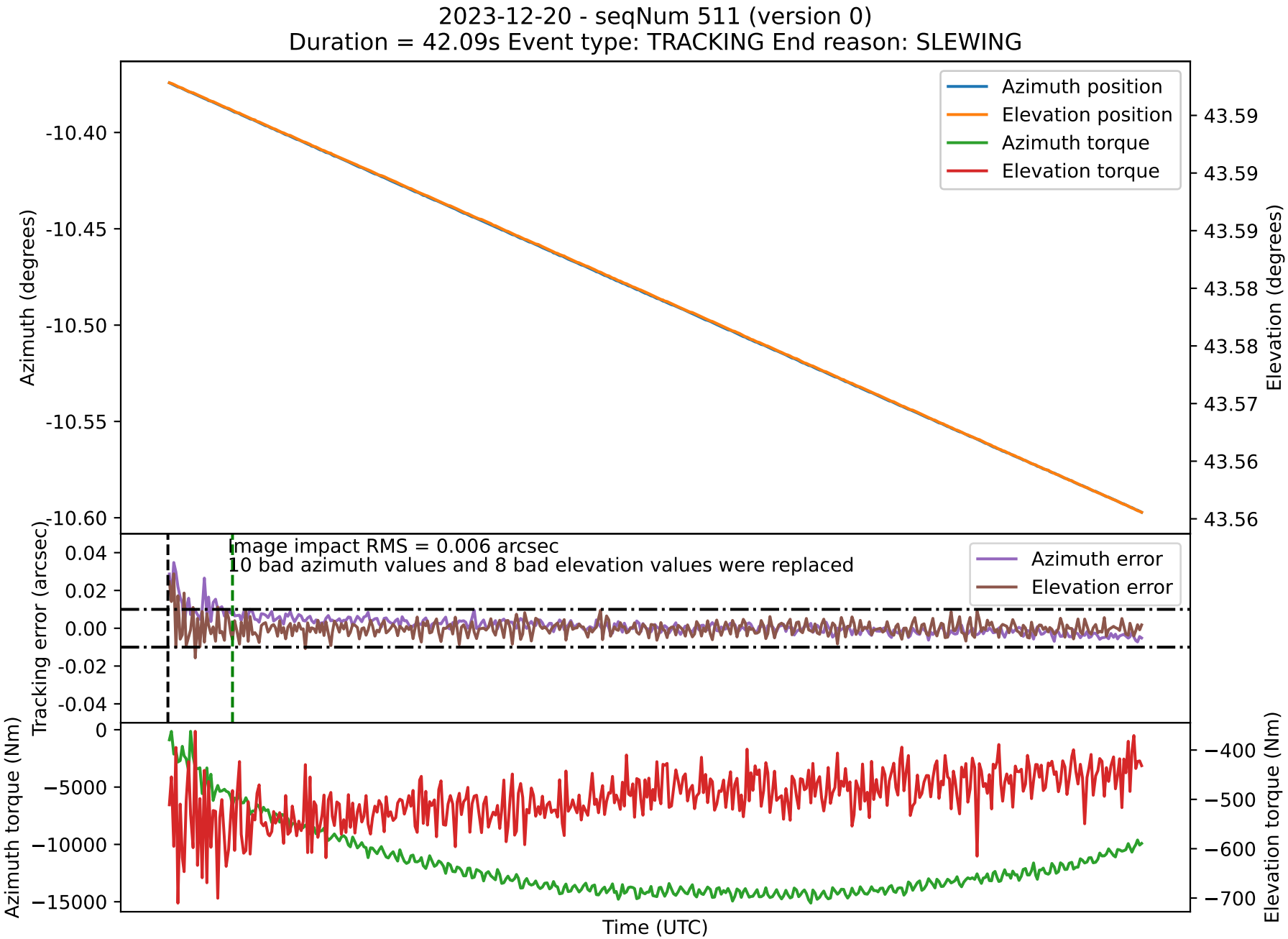

2023-12-20 - seqNum 499 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-15.50
-15.60
-15.70
-15.80
-15.90
68.84
68.83
68.82
68.81
68.80
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−2800
−3000
Time (UTC)

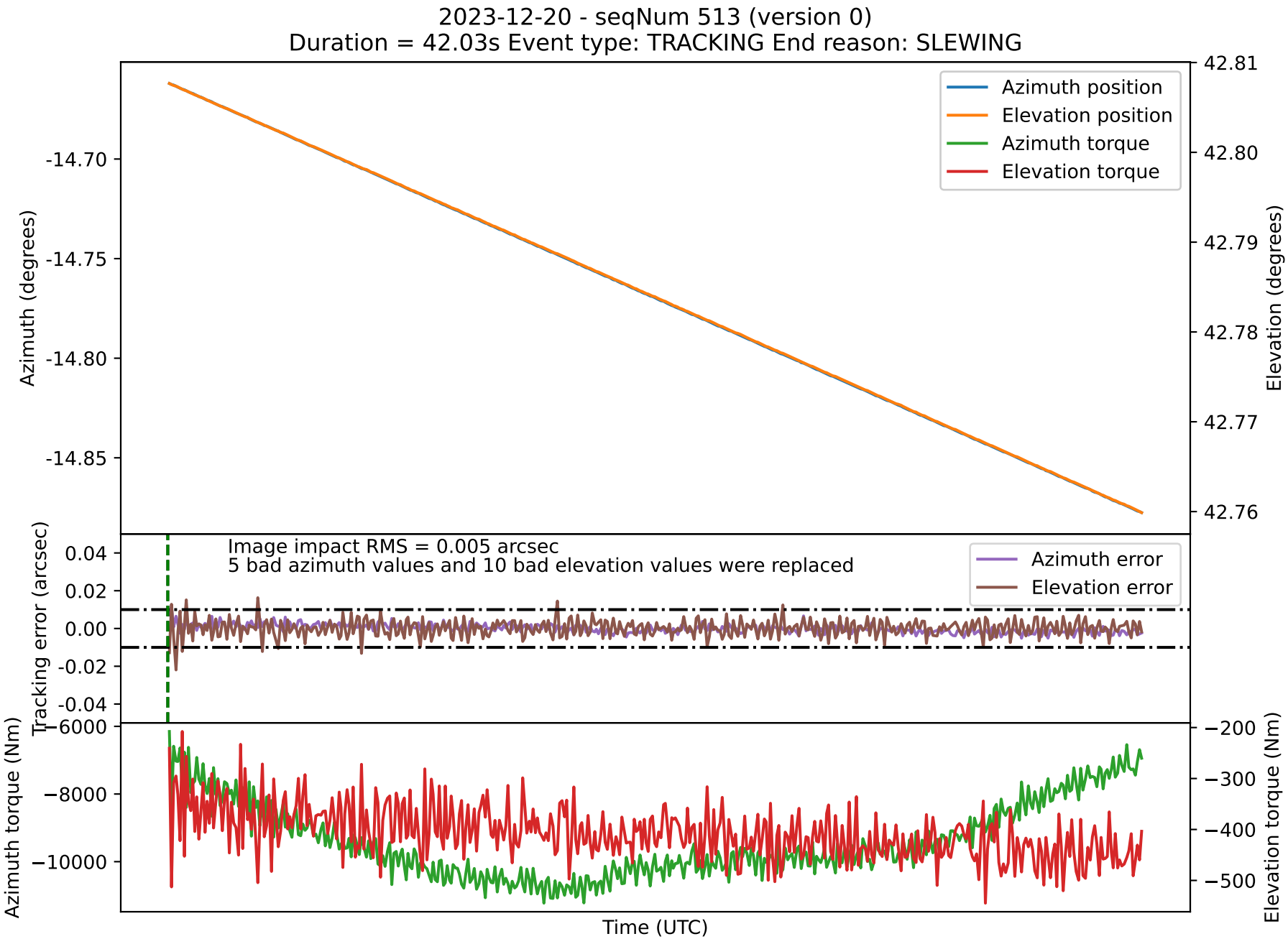

2023-12-20 - seqNum 501 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-13.70
-13.75
-13.80
-13.85
-13.90
-13.95
-14.00
-14.05
-14.10
63.83
63.82
63.81
63.80
63.79
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−2500
−5000
−7500
−10000
−1700
−1800
−1900
Time (UTC)

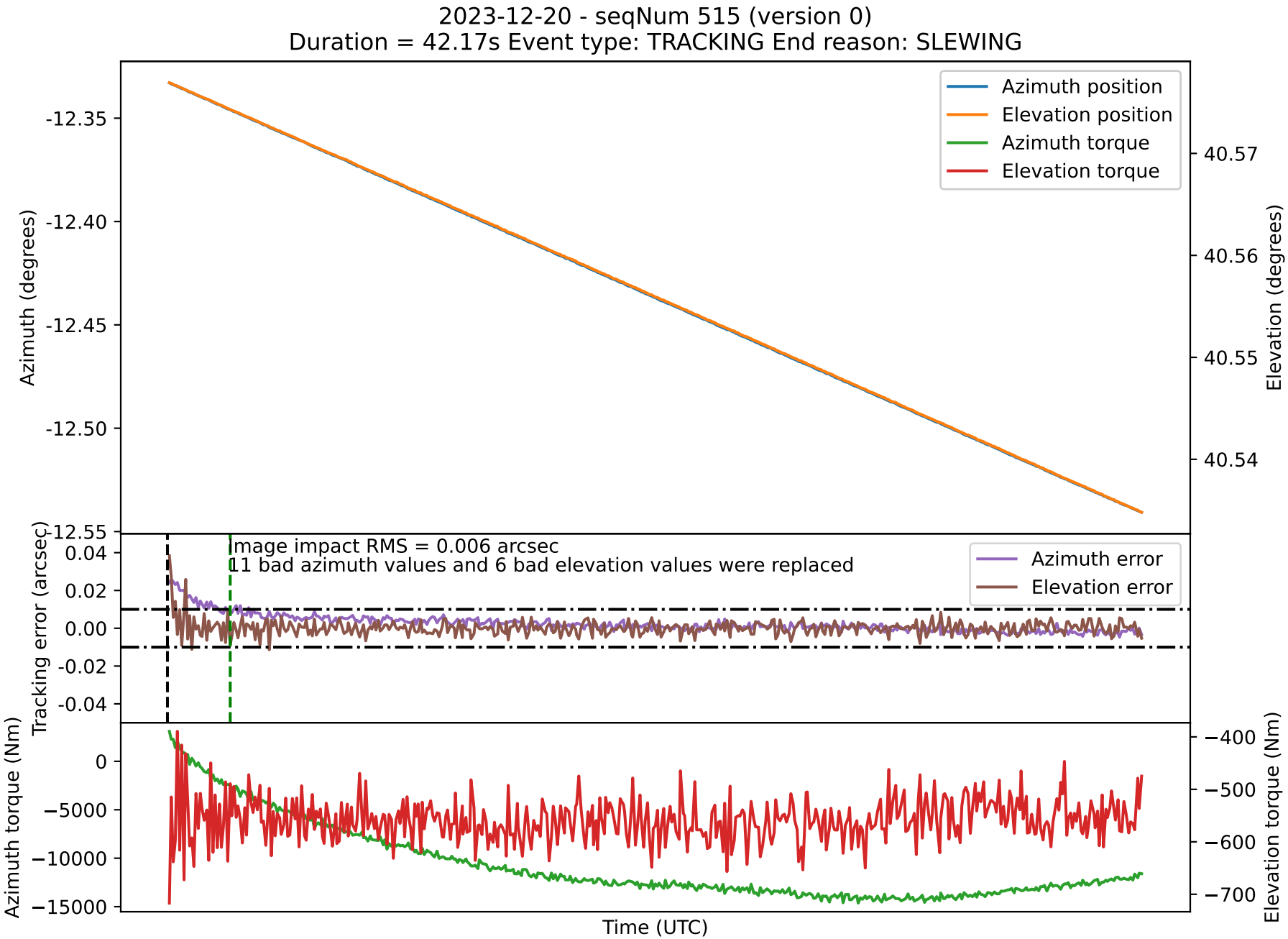

2023-12-20 - seqNum 503 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-10.05
-10.10
-10.15
-10.20
-10.25
-10.30
-10.35
-10.40
61.71
61.70
61.70
61.70
61.69
61.69
61.68
61.68
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1800
−2000
−2200
Time (UTC)

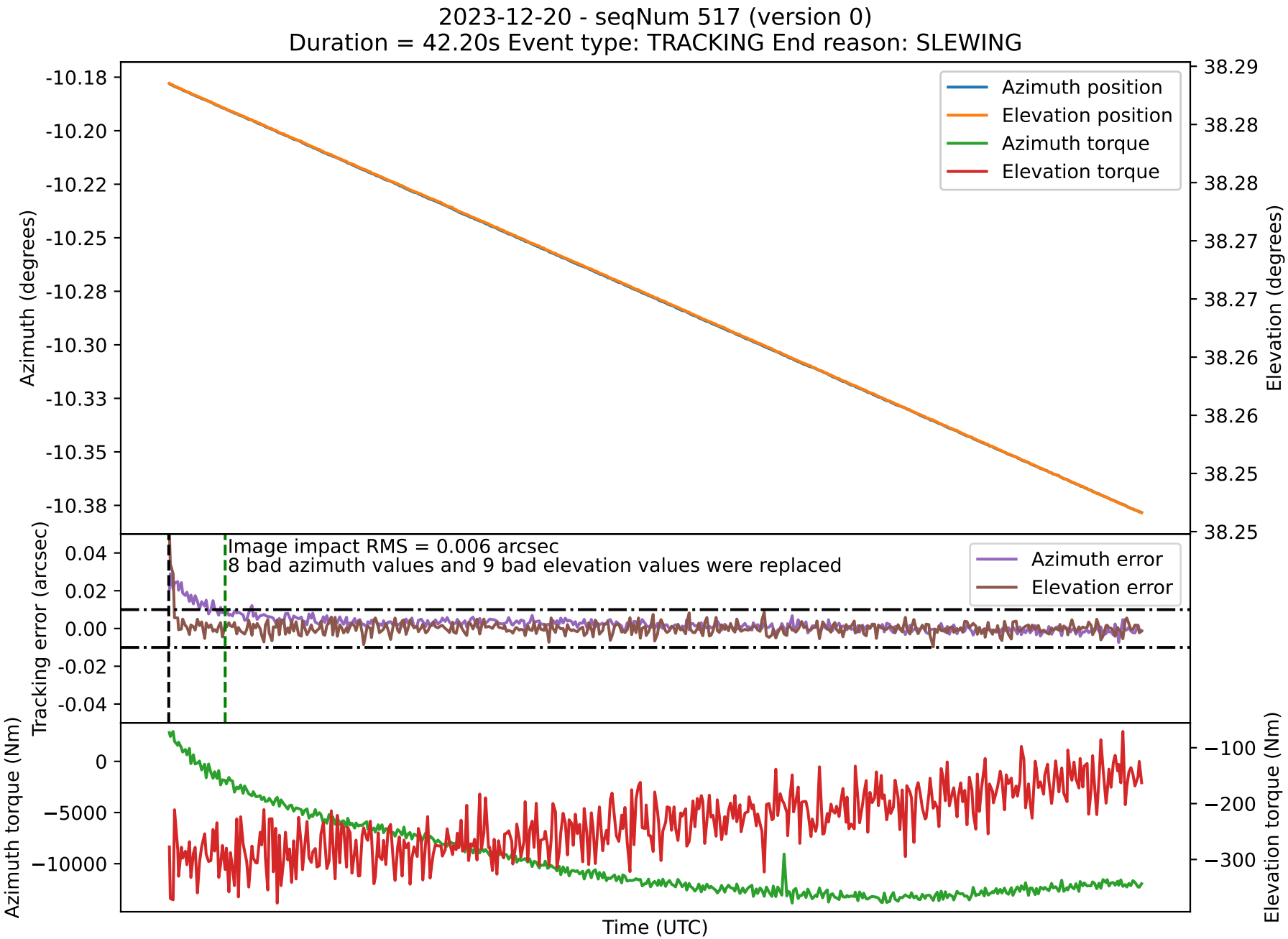

2023-12-20 - seqNum 505 (version 0)
Duration = 42.26s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.80
-12.85
-12.90
-12.95
-13.00
-13.05
-13.10
58.77
58.76
58.75
58.74
58.73
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1200
−1300
−1400
Time (UTC)

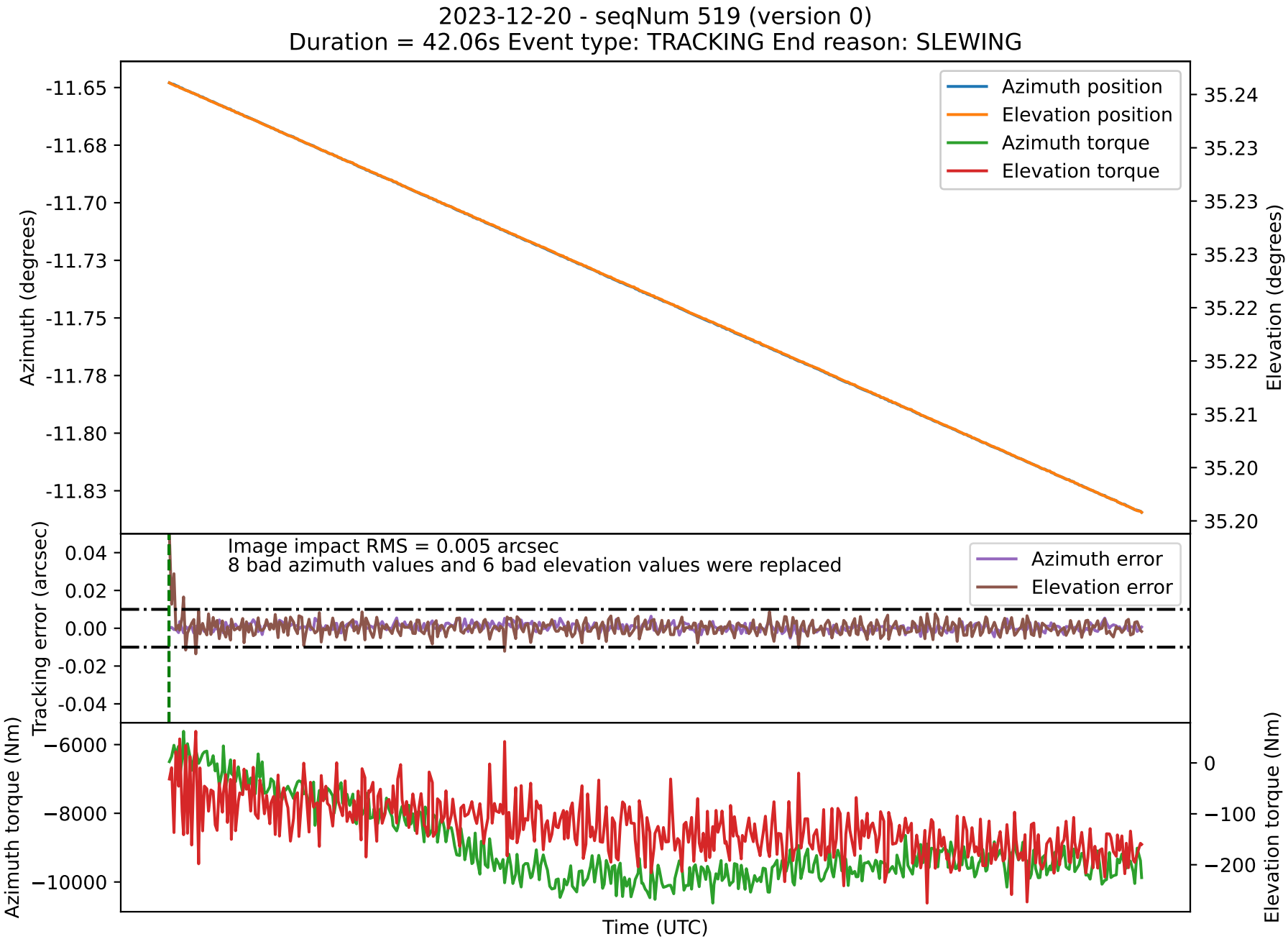

2023-12-20 - seqNum 509 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.75
-12.80
-12.85
-12.90
-12.95
45.83
45.82
45.81
45.80
45.79
Image impact RMS = 0.011 arcsec
12 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−12000
−600
−800
Time (UTC)

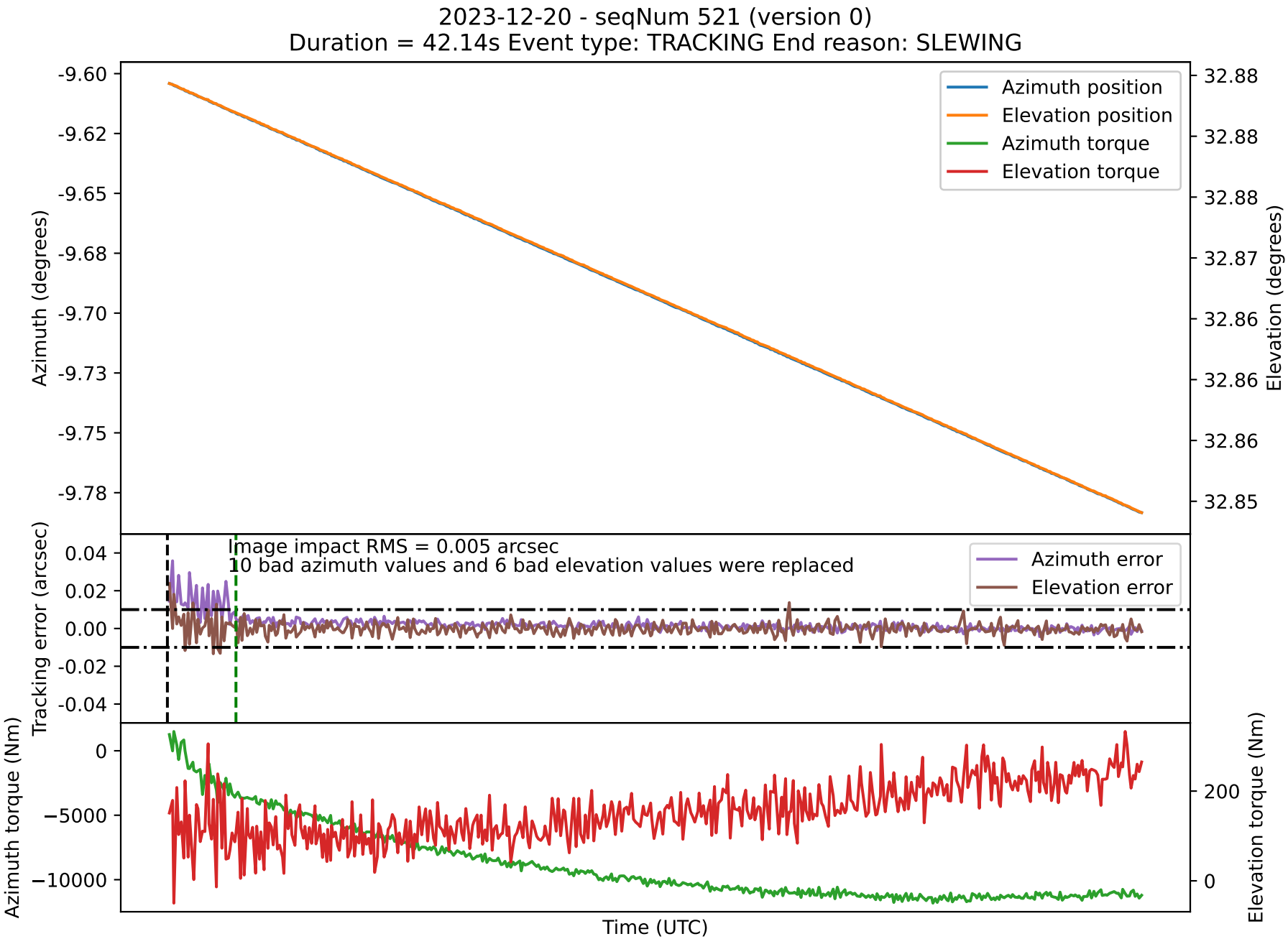

2023-12-20 - seqNum 511 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-10.40
-10.45
-10.50
-10.55
-10.60
43.59
43.59
43.59
43.58
43.58
43.57
43.56
43.56
Image impact RMS = 0.006 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−400
−500
−600
−700
Time (UTC)

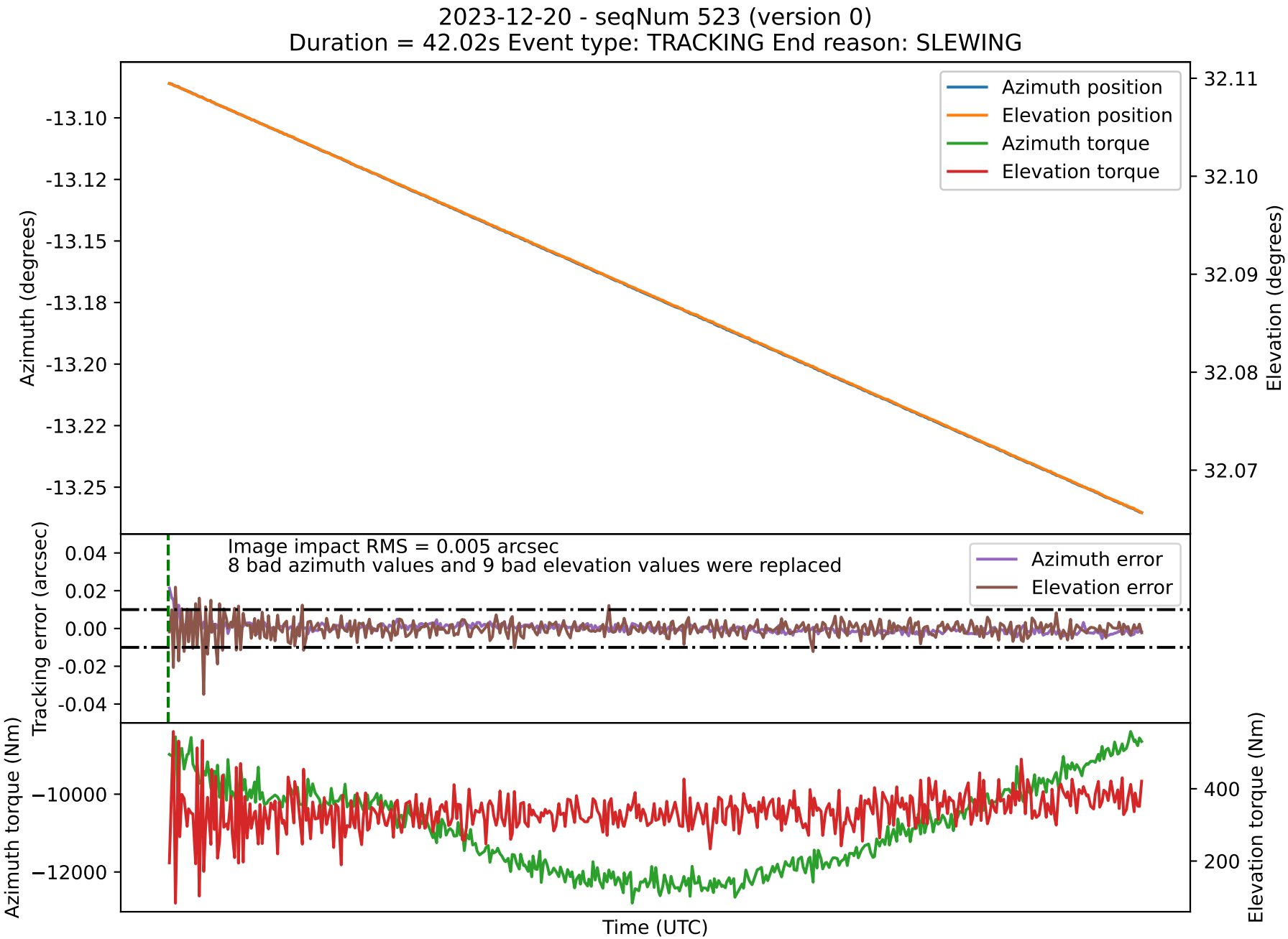

2023-12-20 - seqNum 513 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.70
-14.75
-14.80
-14.85
42.81
42.80
42.79
42.78
42.77
42.76
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−200
−300
−400
−500
Time (UTC)

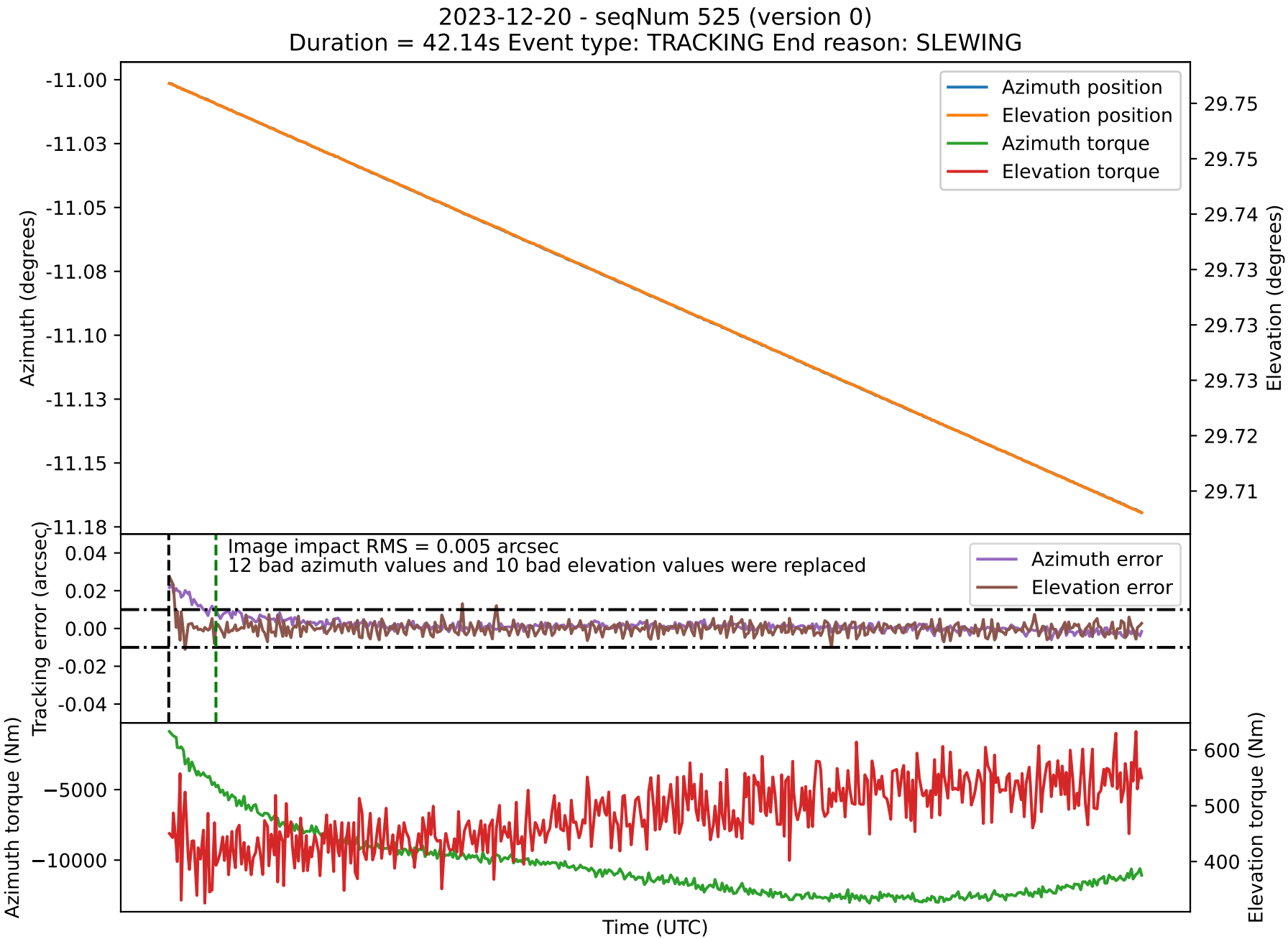

2023-12-20 - seqNum 515 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.35
-12.40
-12.45
-12.50
-12.55
40.57
40.56
40.55
40.54
Image impact RMS = 0.006 arcsec
11 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−400
−500
−600
−700
Time (UTC)

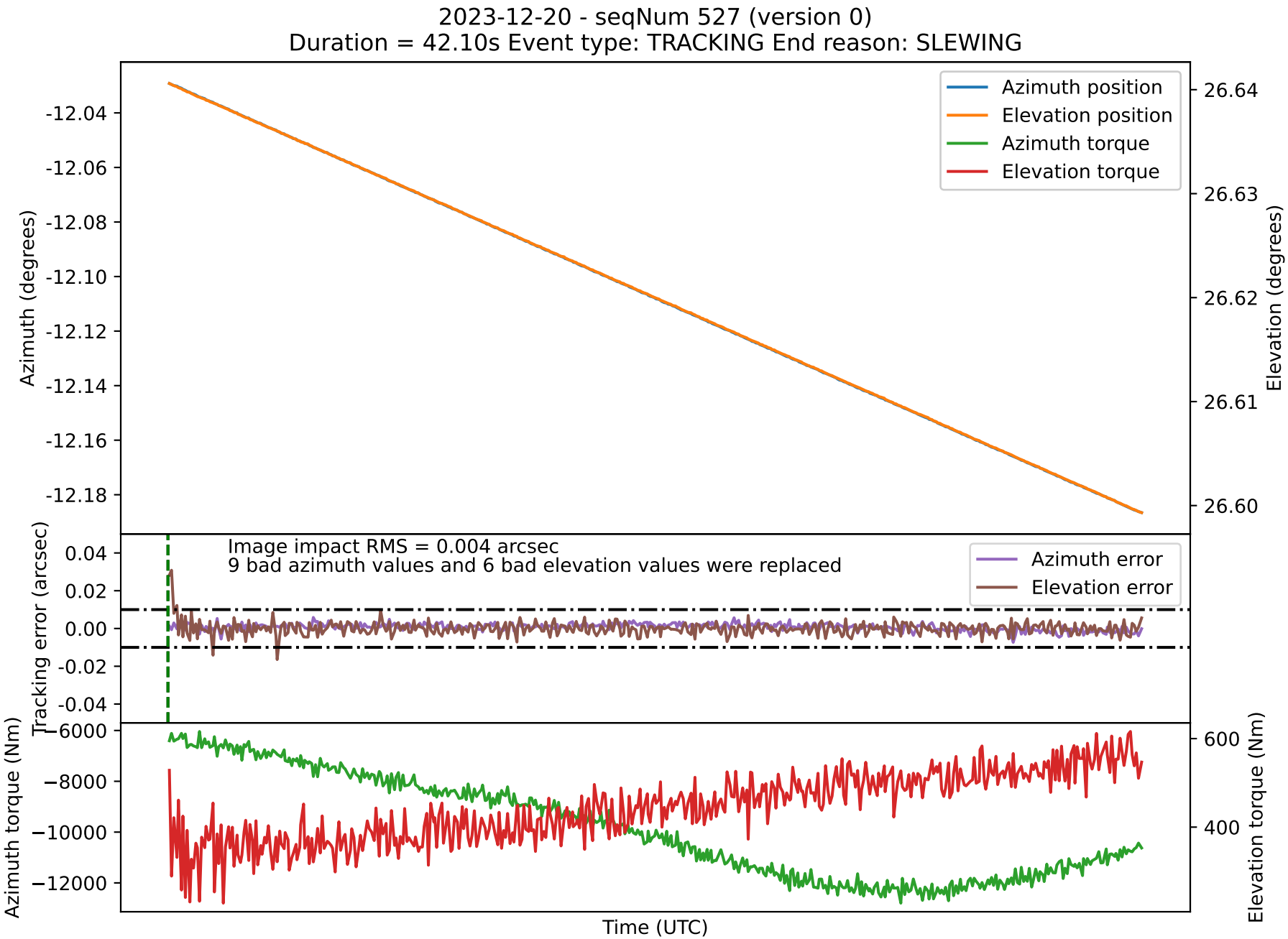

2023-12-20 - seqNum 517 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-10.18
-10.20
-10.22
-10.25
-10.28
-10.30
-10.33
-10.35
-10.38
38.29
38.28
38.28
38.27
38.27
38.26
38.26
38.25
38.25
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−100
−200
−300
Time (UTC)

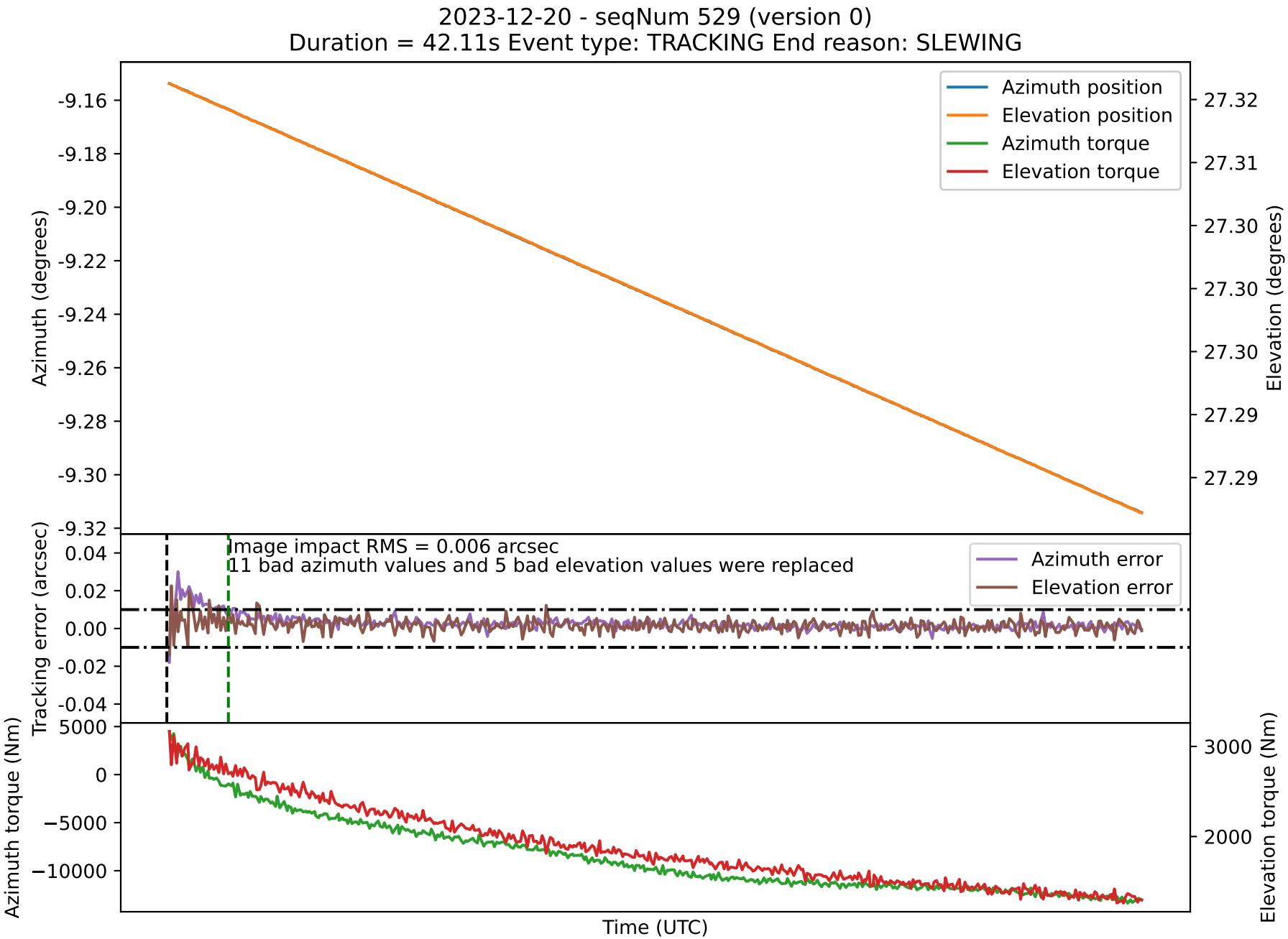

2023-12-20 - seqNum 519 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-11.65
-11.68
-11.70
-11.73
-11.75
-11.78
-11.80
-11.83
35.24
35.23
35.23
35.23
35.22
35.22
35.21
35.20
35.20
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
0
−100
−200
Time (UTC)

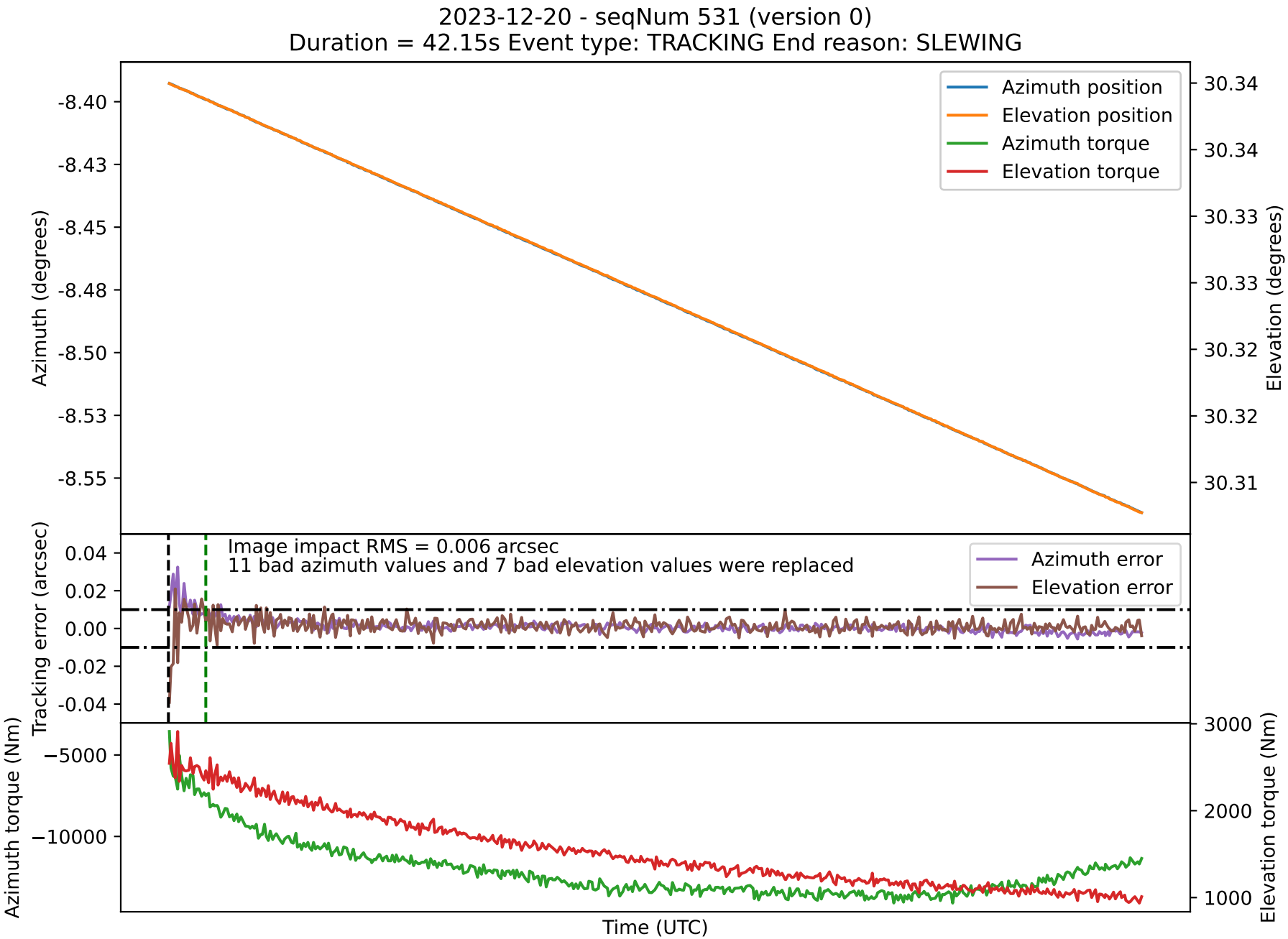

2023-12-20 - seqNum 521 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-9.60
-9.62
-9.65
-9.68
-9.70
-9.73
-9.75
-9.78
32.88
32.88
32.88
32.87
32.86
32.86
32.86
32.85
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
200
0
Time (UTC)

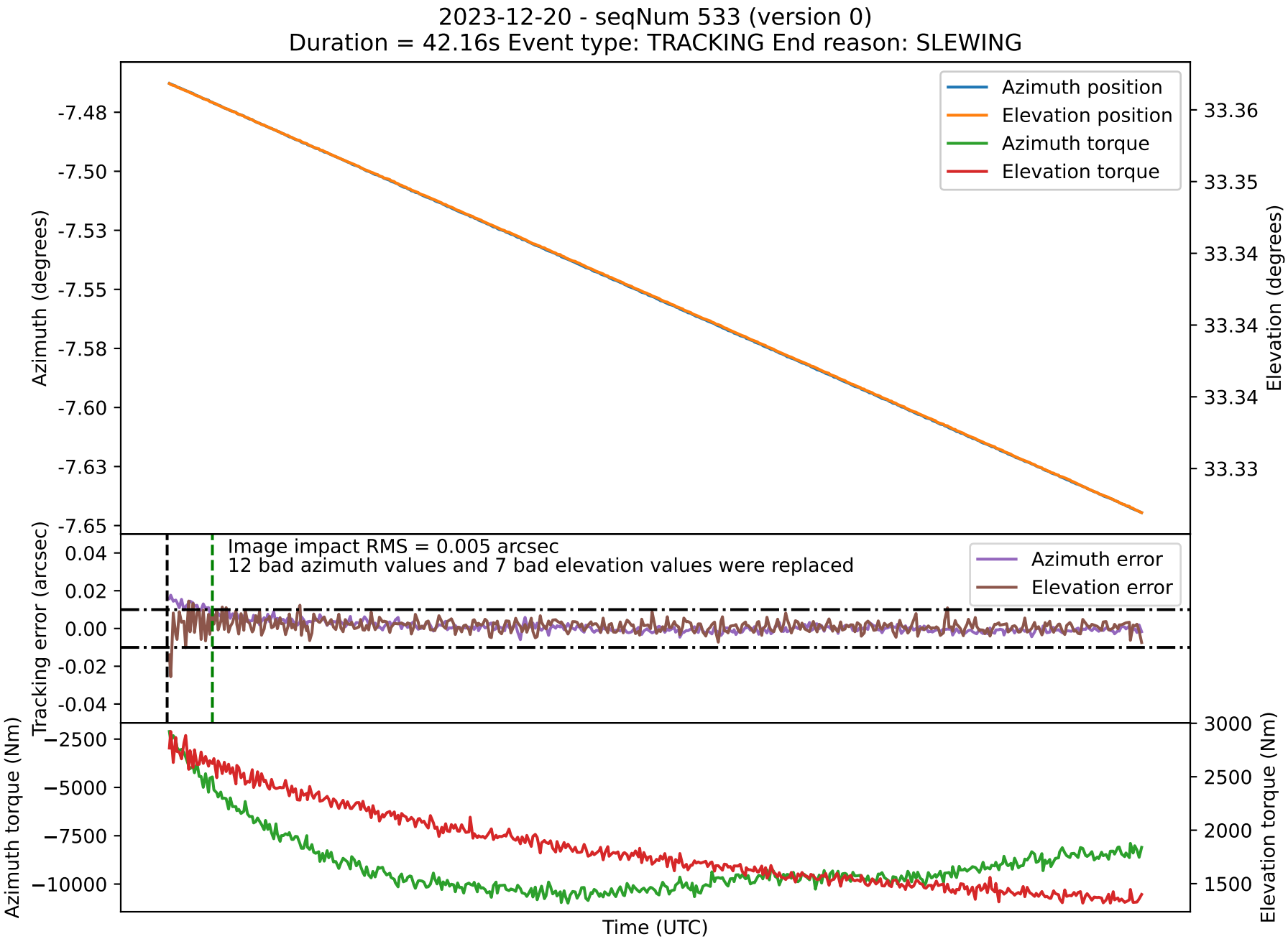

2023-12-20 - seqNum 523 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-13.10
-13.12
-13.15
-13.18
-13.20
-13.22
-13.25
32.11
32.10
32.09
32.08
32.07
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−12000
400
200
Time (UTC)

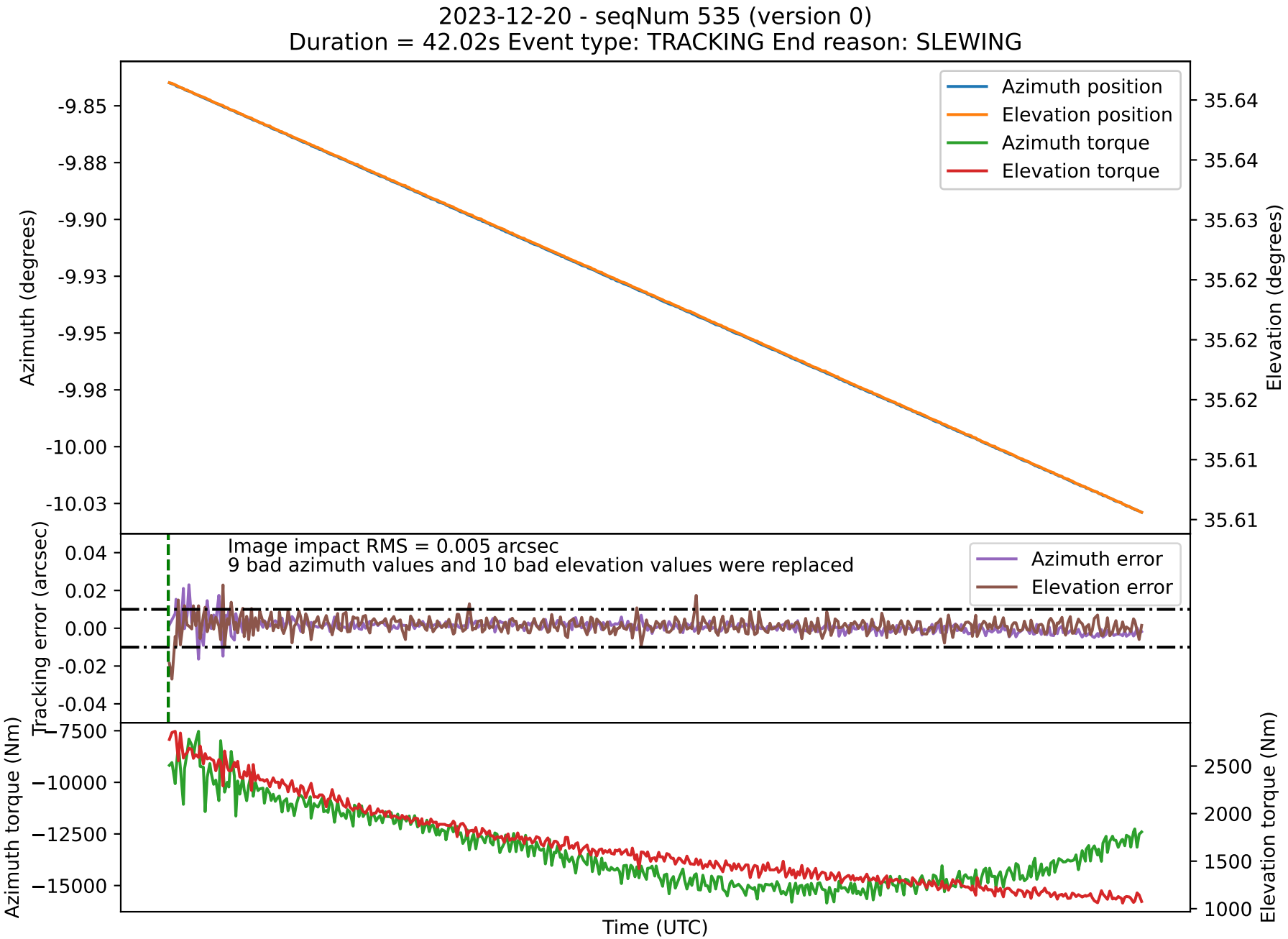

2023-12-20 - seqNum 525 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-11.00
-11.03
-11.05
-11.08
-11.10
-11.13
-11.15
-11.18
29.75
29.75
29.74
29.73
29.73
29.73
29.72
29.71
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
600
500
400
Time (UTC)

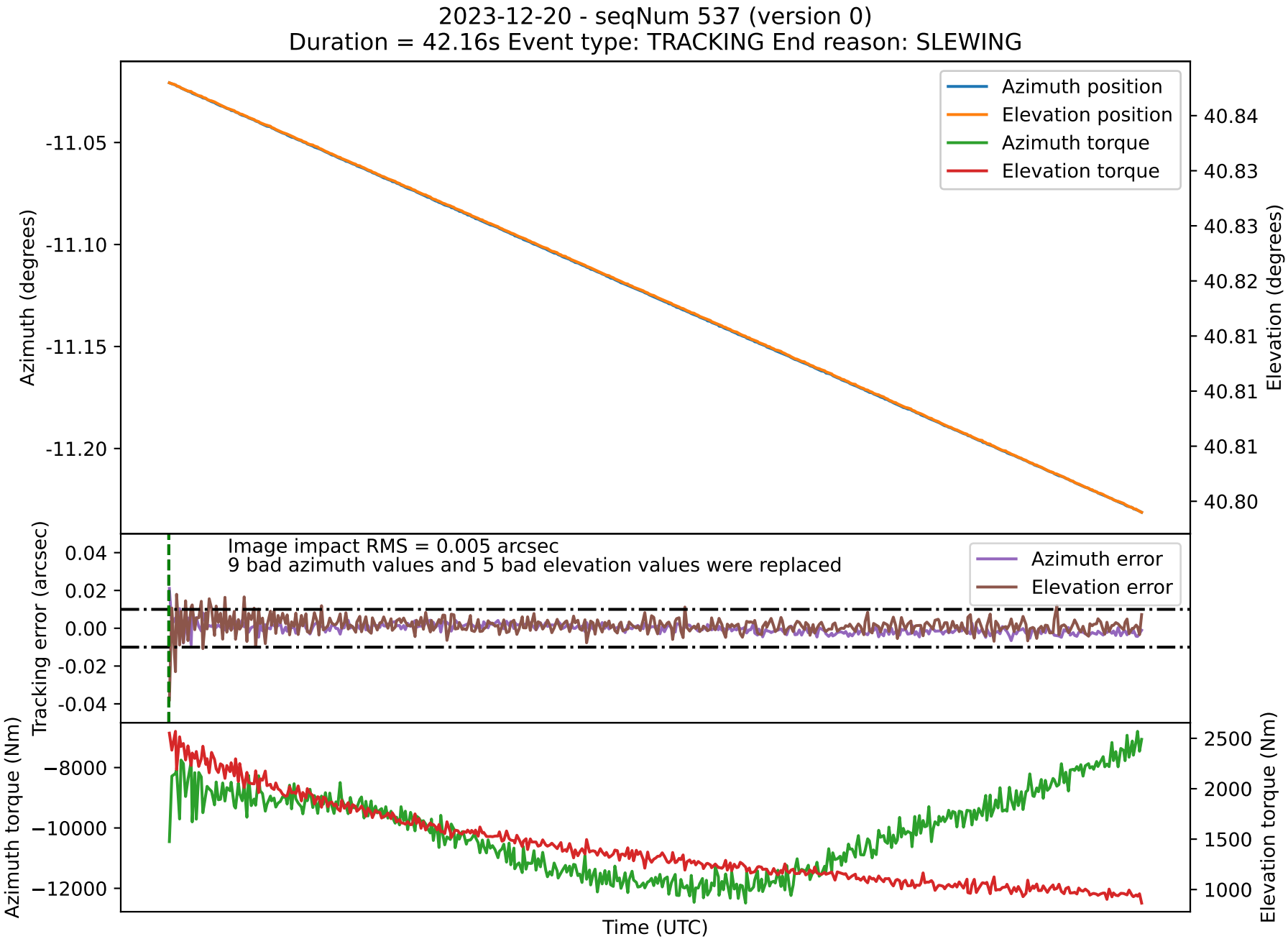

2023-12-20 - seqNum 527 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.04
-12.06
-12.08
-12.10
-12.12
-12.14
-12.16
-12.18
26.64
26.63
26.62
26.61
26.60
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−12000
600
400
Time (UTC)

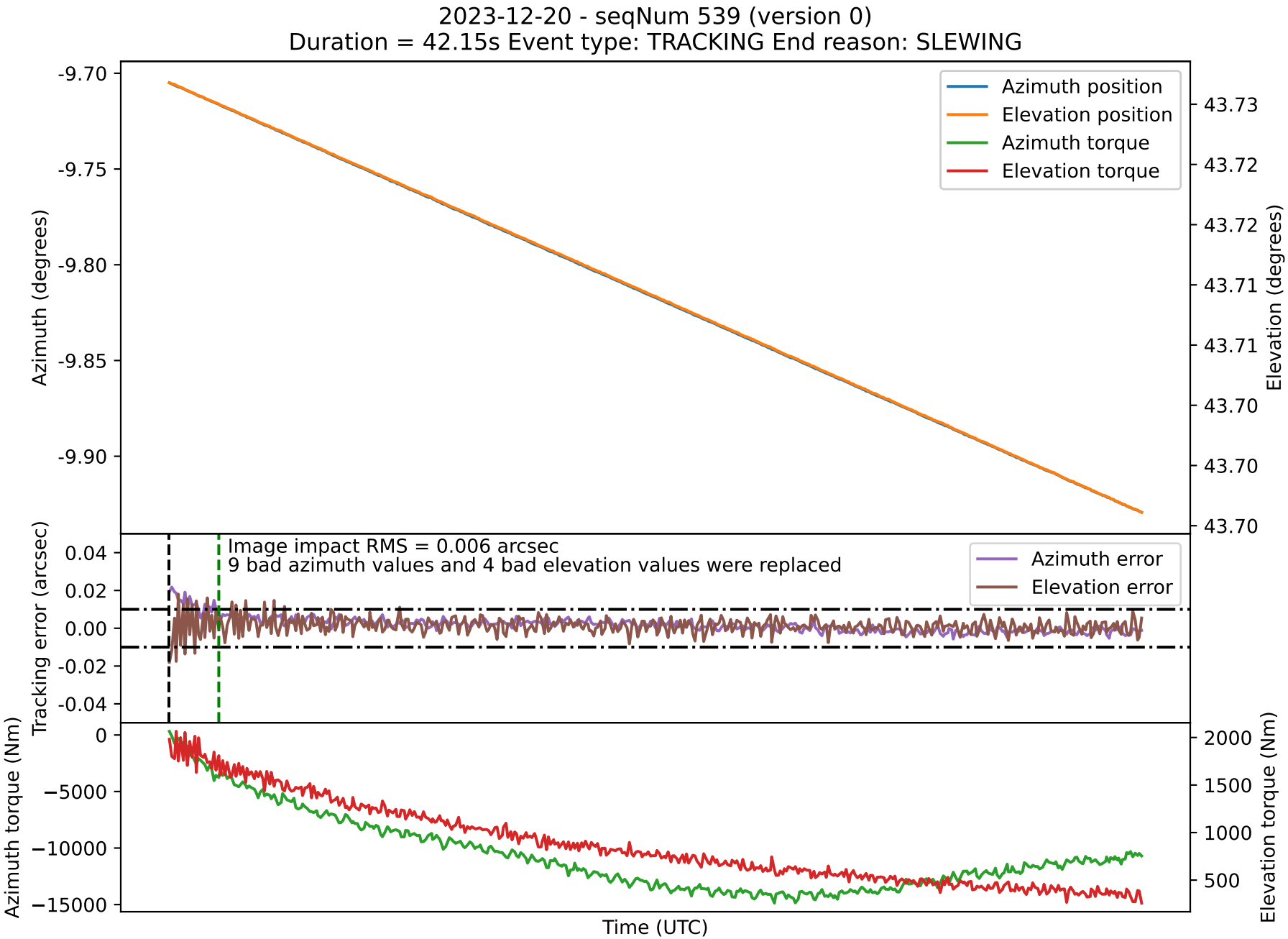

2023-12-20 - seqNum 529 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-9.16
-9.18
-9.20
-9.22
-9.24
-9.26
-9.28
-9.30
-9.32
27.32
27.31
27.30
27.30
27.30
27.29
27.29
Image impact RMS = 0.006 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−10000
3000
2000
Time (UTC)

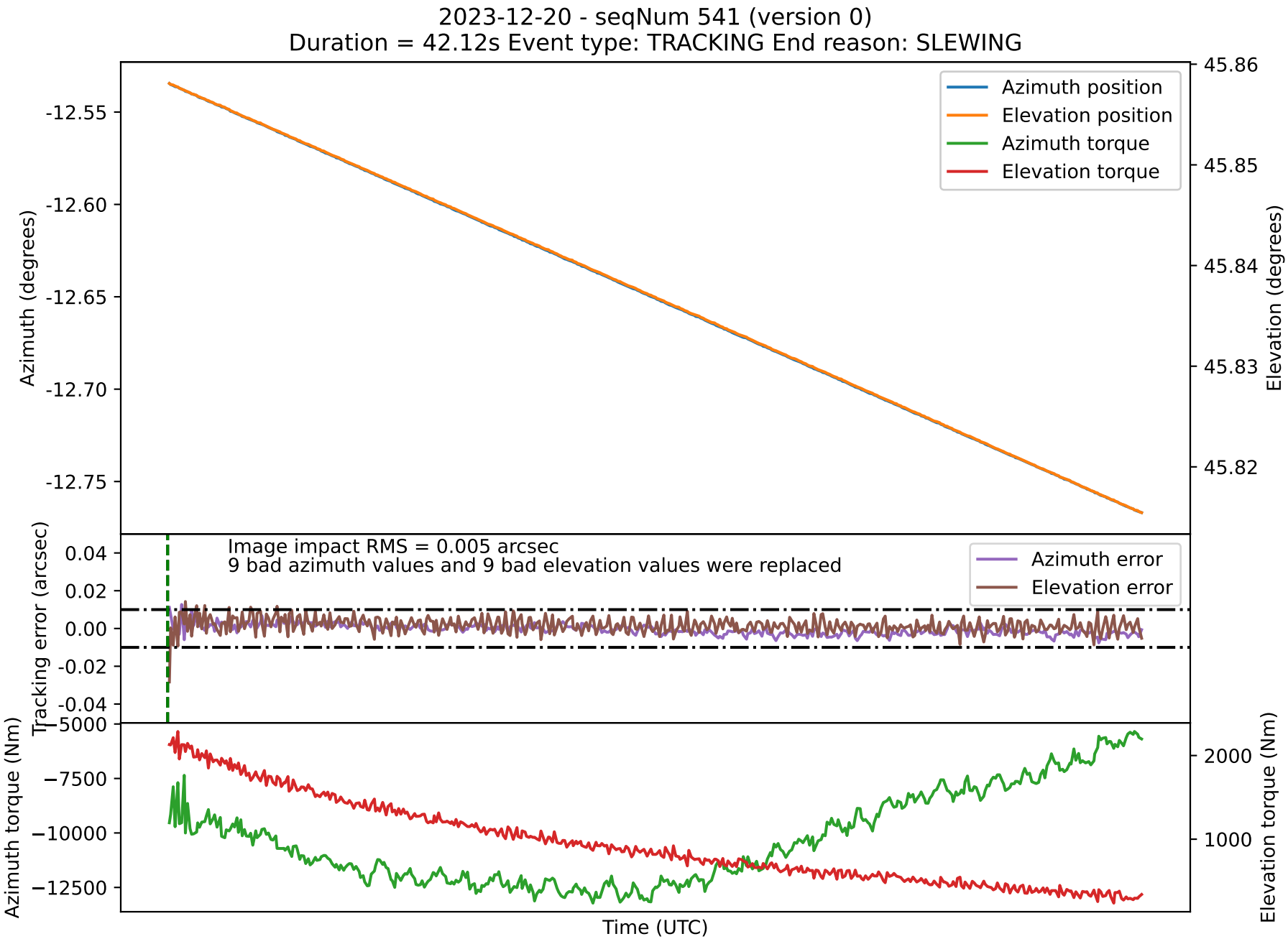

2023-12-20 - seqNum 531 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-8.40
-8.43
-8.45
-8.48
-8.50
-8.53
-8.55
30.34
30.34
30.33
30.33
30.32
30.32
30.31
Image impact RMS = 0.006 arcsec
11 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
3000
2000
1000
Time (UTC)

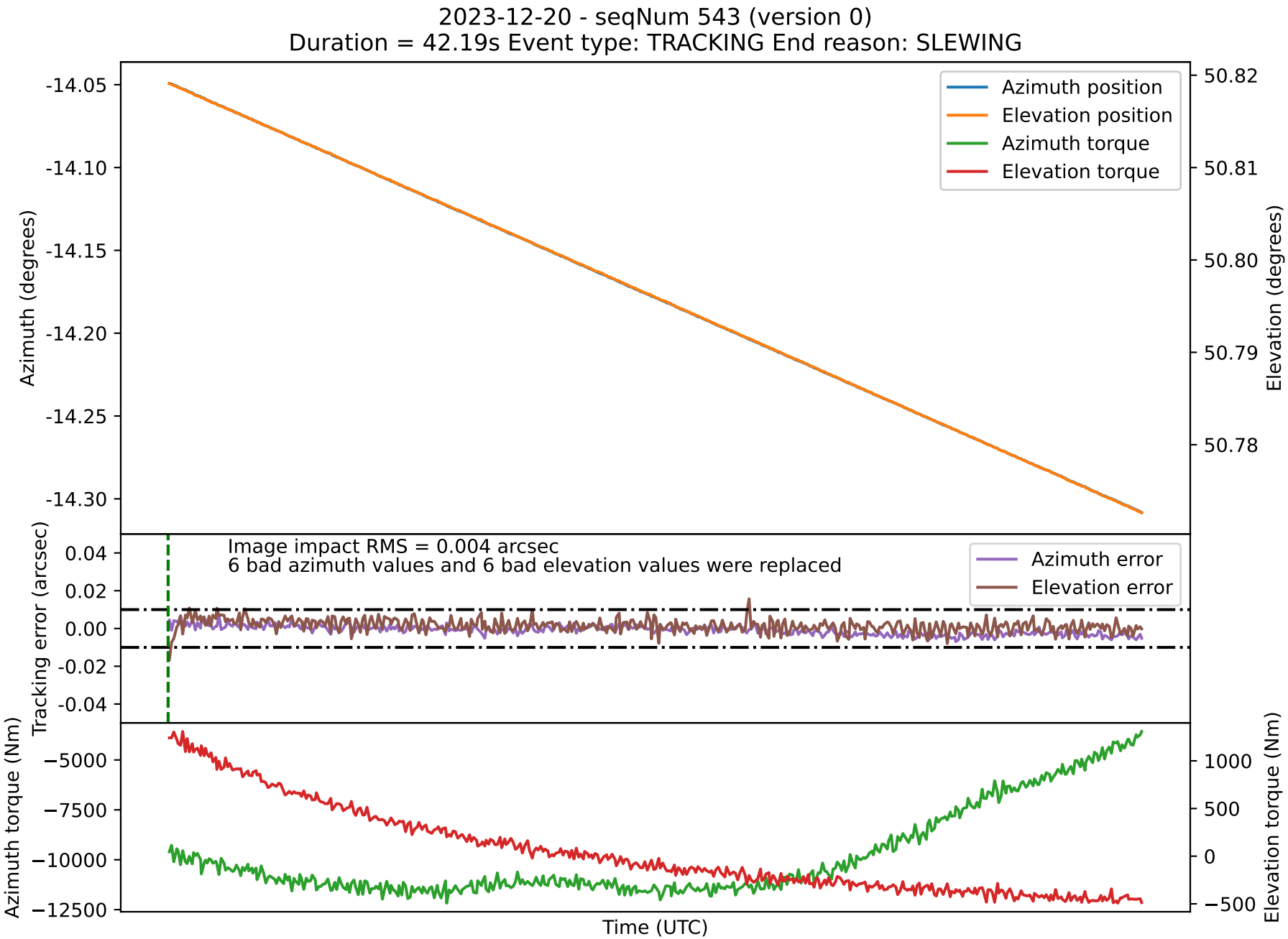

2023-12-20 - seqNum 533 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.48
-7.50
-7.53
-7.55
-7.58
-7.60
-7.63
-7.65
33.36
33.35
33.34
33.34
33.34
33.33
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−2500
−5000
−7500
−10000
3000
2500
2000
1500
Time (UTC)

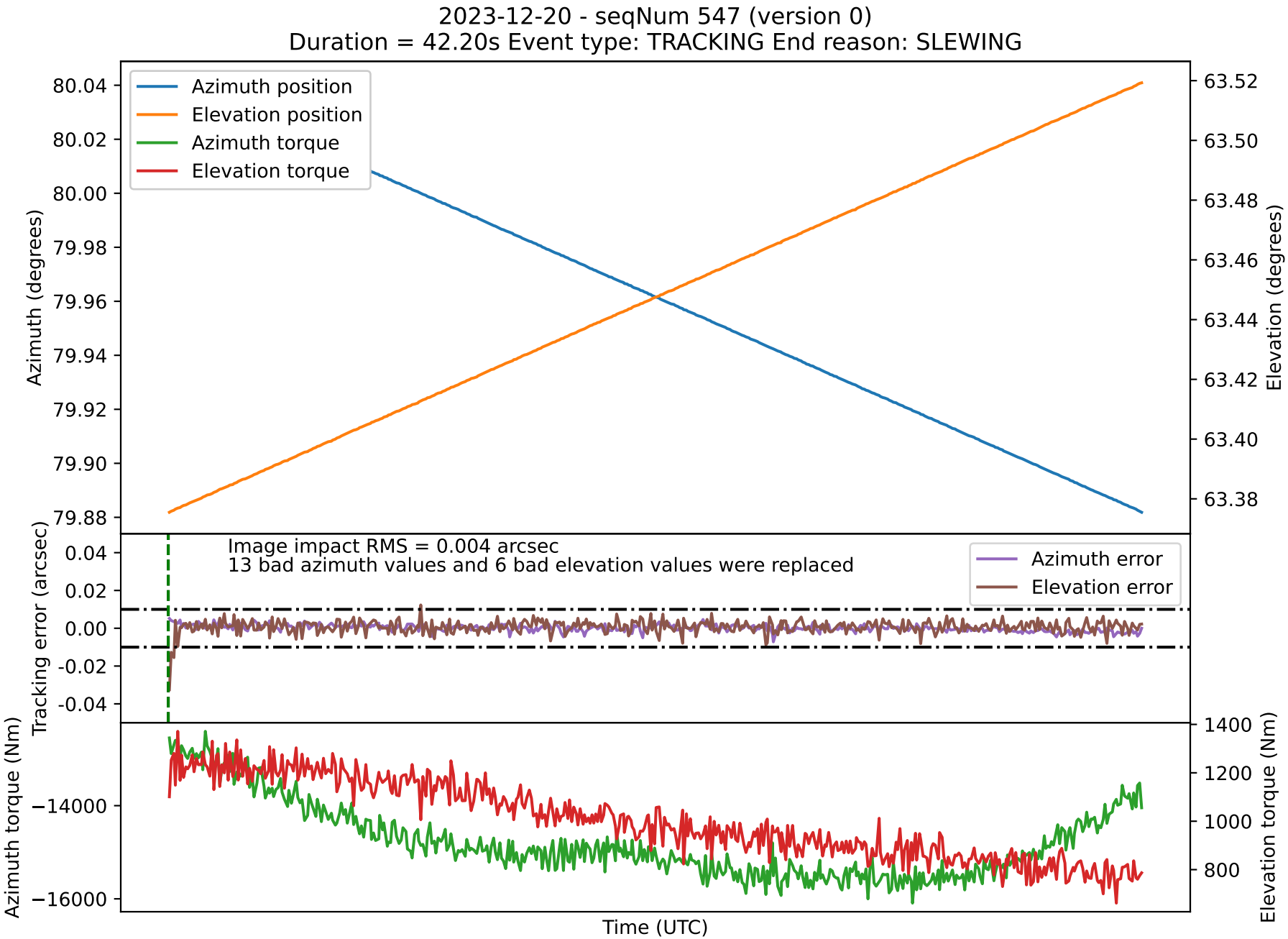

2023-12-20 - seqNum 535 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-9.85
-9.88
-9.90
-9.93
-9.95
-9.98
-10.00
-10.03
35.64
35.64
35.63
35.62
35.62
35.62
35.61
35.61
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
2500
2000
1500
1000
Time (UTC)

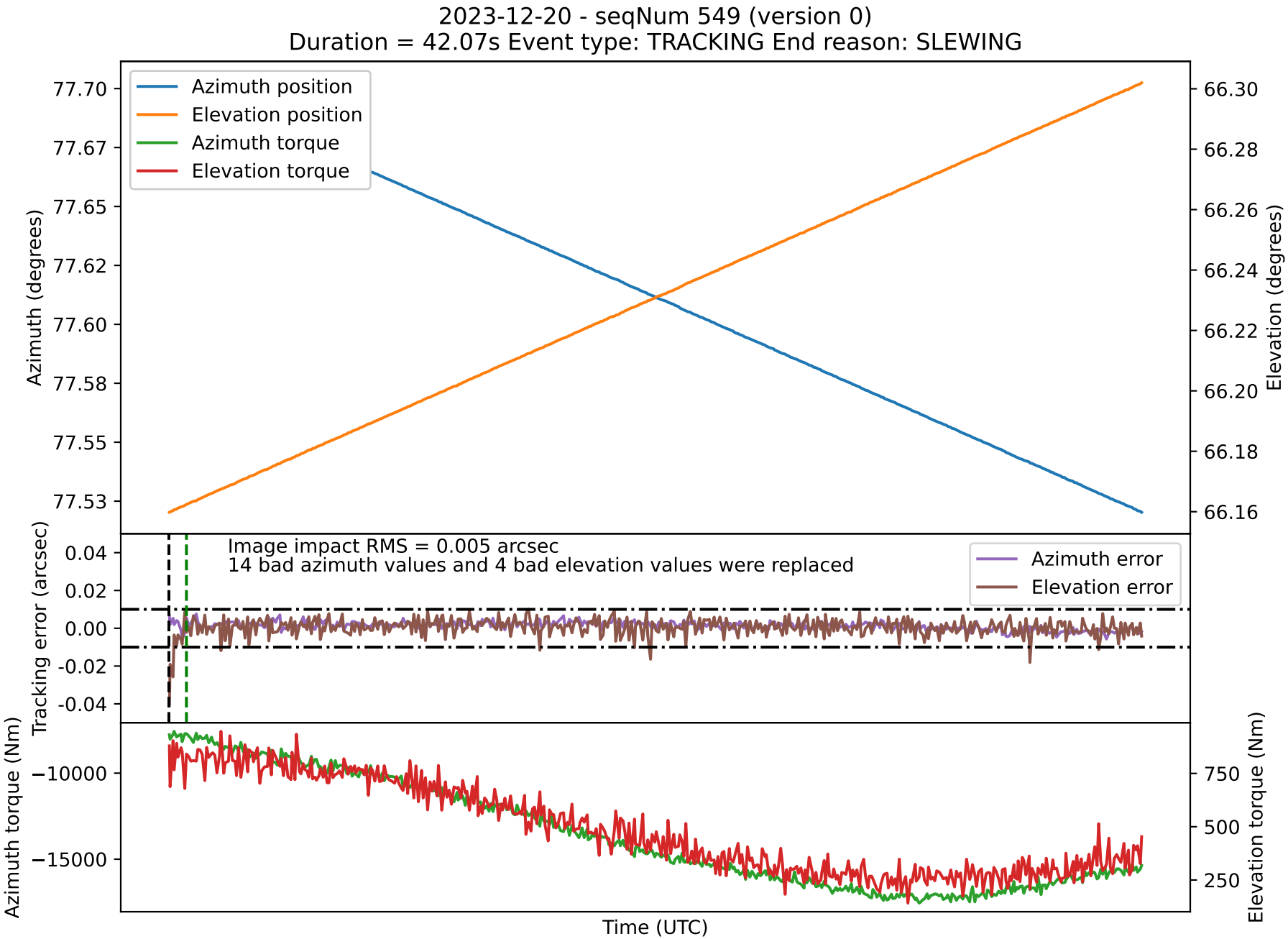

2023-12-20 - seqNum 537 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-11.05
-11.10
-11.15
-11.20
40.84
40.83
40.83
40.82
40.81
40.81
40.81
40.80
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
2500
2000
1500
1000
Time (UTC)

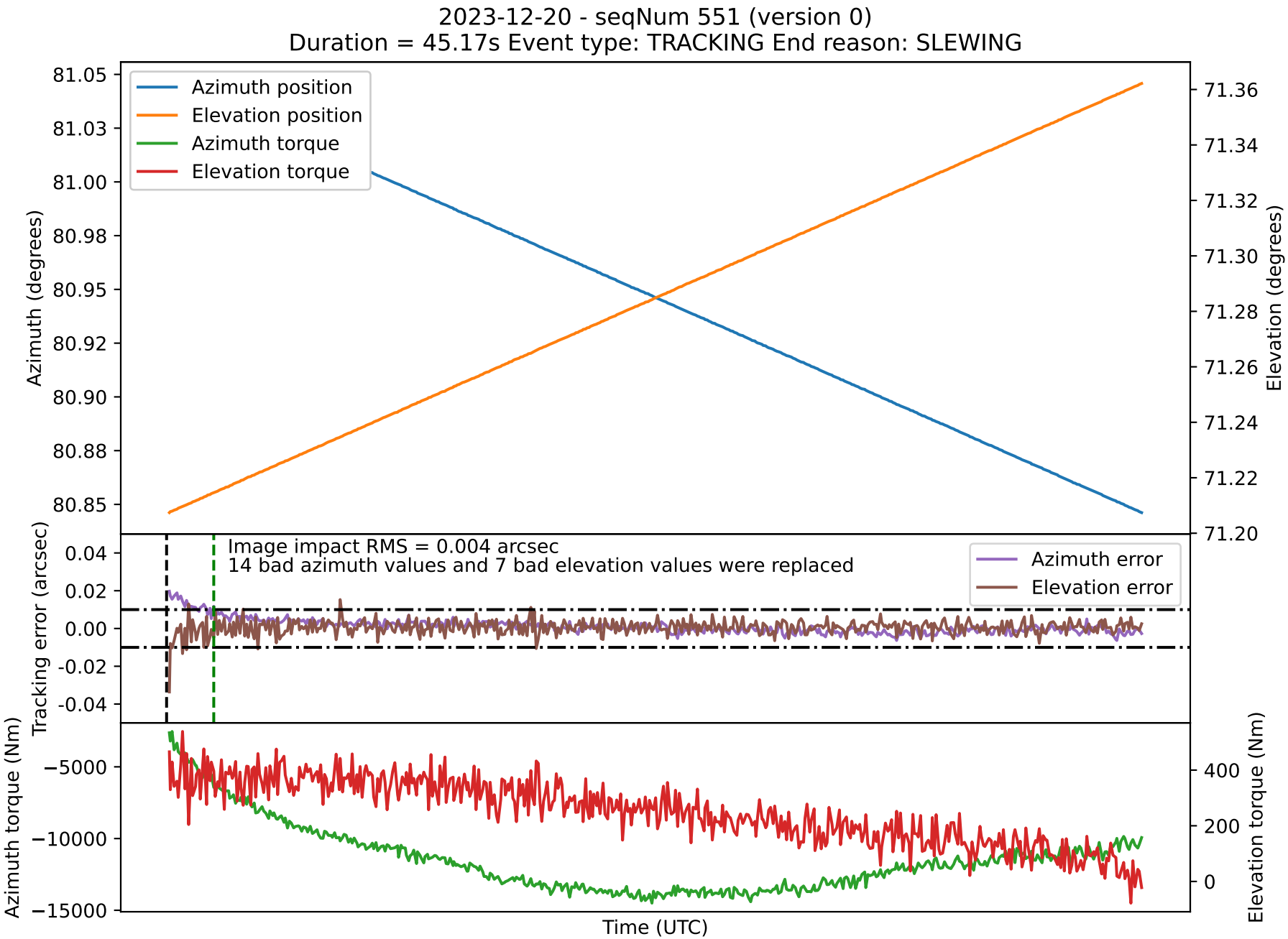

2023-12-20 - seqNum 539 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-9.70
-9.75
-9.80
-9.85
-9.90
43.73
43.72
43.72
43.71
43.71
43.70
43.70
43.70
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
2000
1500
1000
500
Time (UTC)

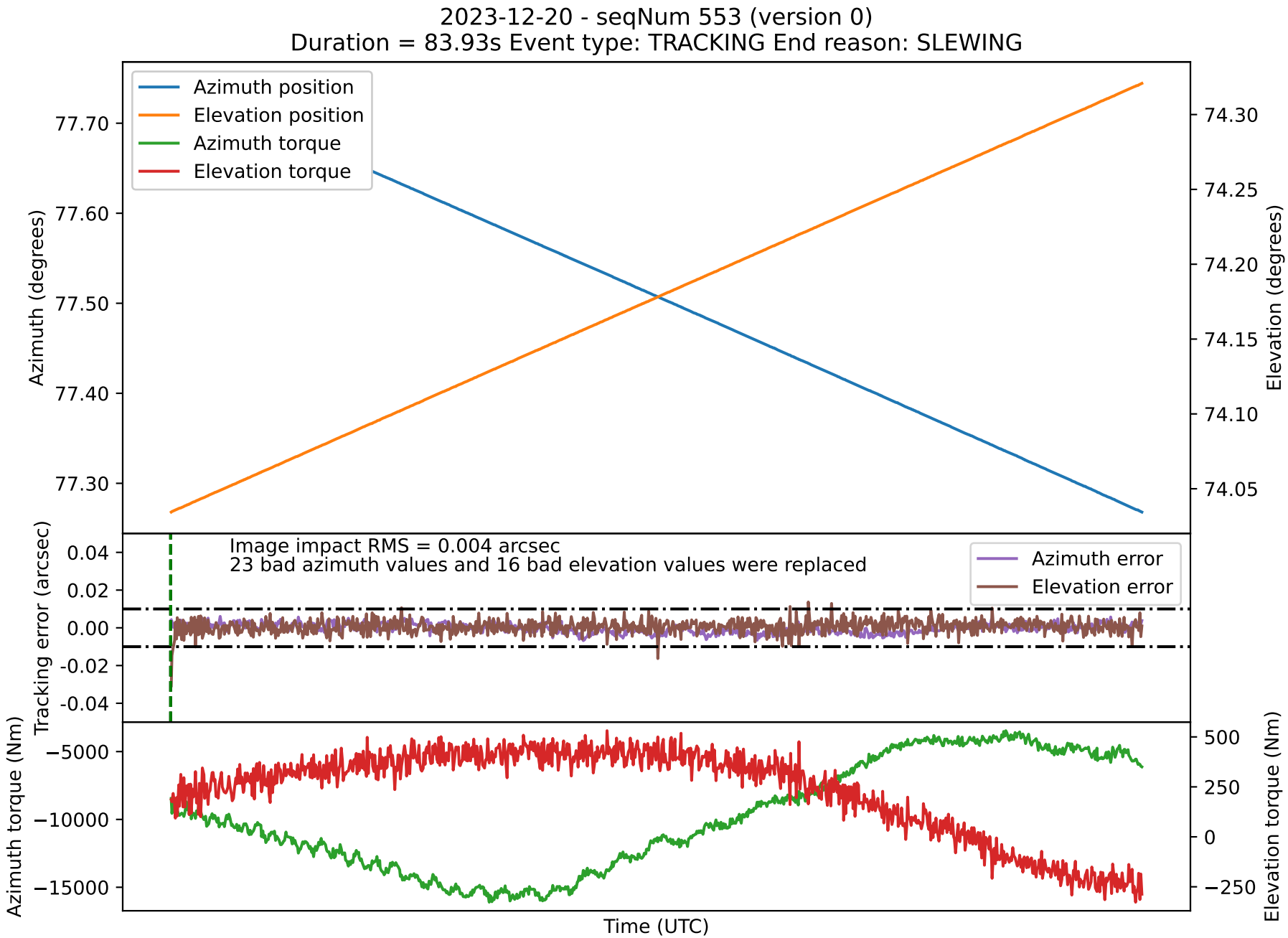

2023-12-20 - seqNum 541 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.55
-12.60
-12.65
-12.70
-12.75
45.86
45.85
45.84
45.83
45.82
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
2000
1000
Time (UTC)

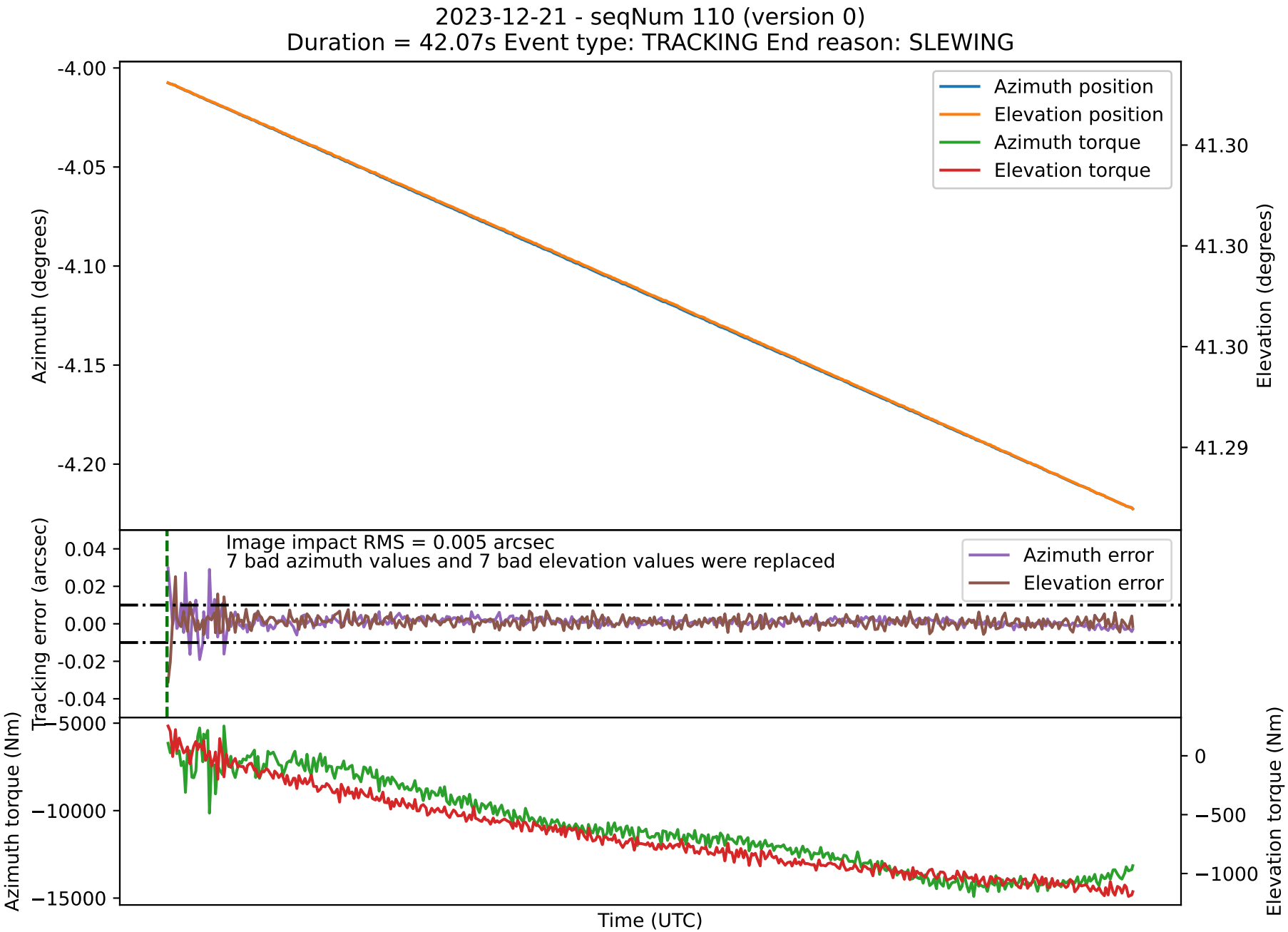

2023-12-20 - seqNum 543 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-14.05
-14.10
-14.15
-14.20
-14.25
-14.30
50.82
50.81
50.80
50.79
50.78
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
1000
500
0
−500
Time (UTC)

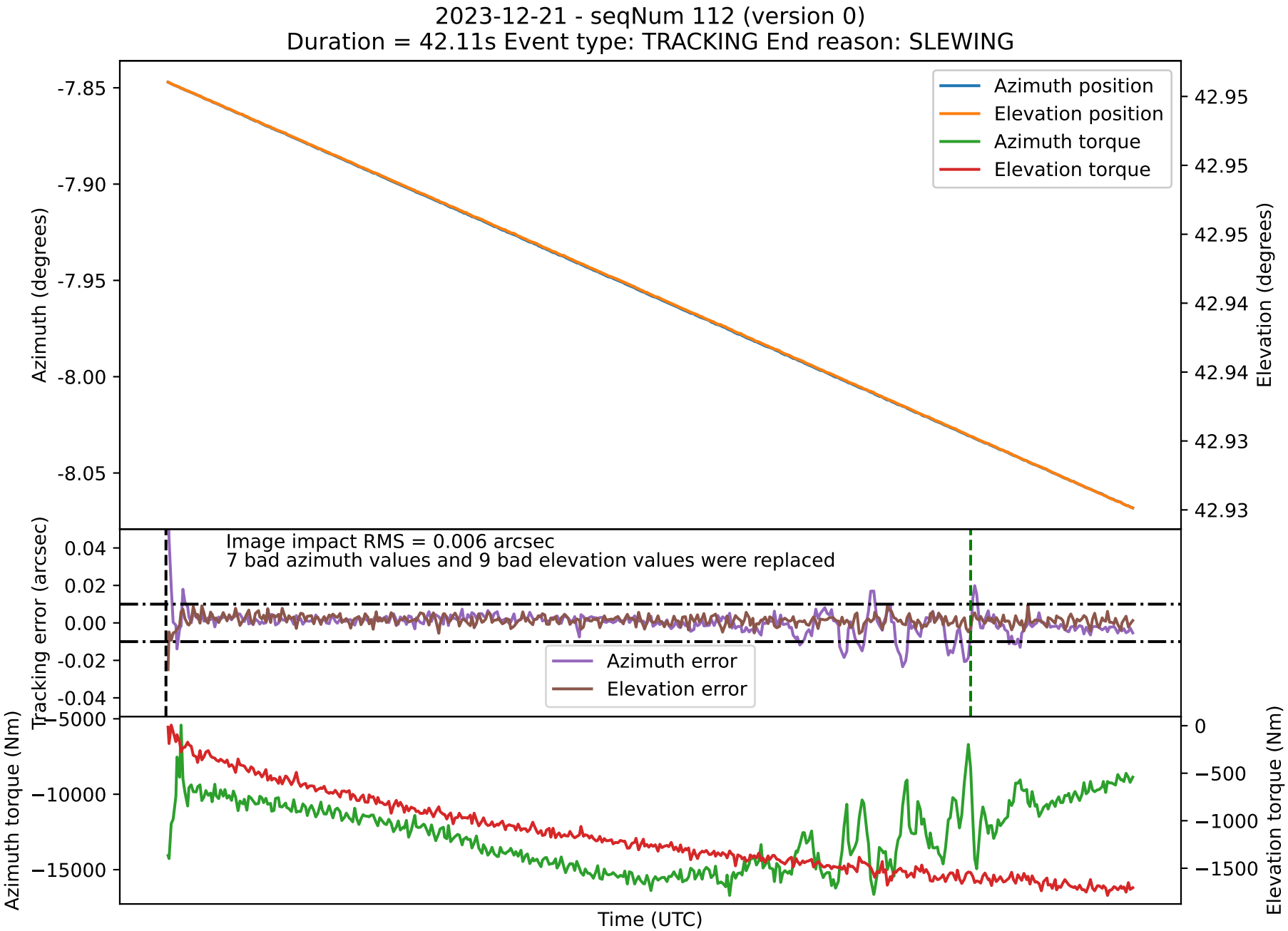

2023-12-20 - seqNum 547 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
13 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

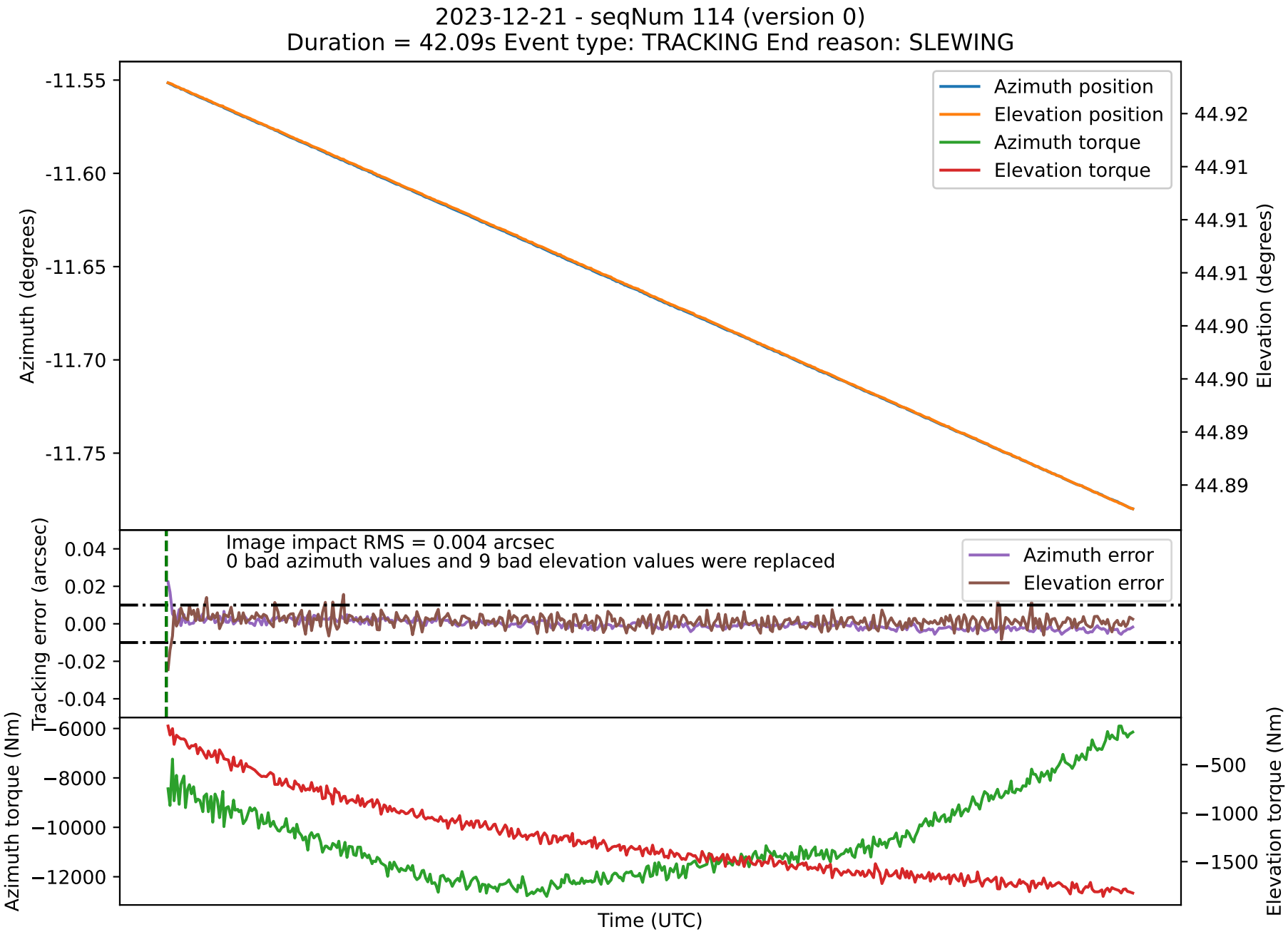

2023-12-20 - seqNum 549 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
77.70
77.67
77.65
77.62
77.60
77.58
77.55
77.53
66.30
66.28
66.26
66.24
66.22
66.20
66.18
66.16
Image impact RMS = 0.005 arcsec
14 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
750
500
250
Time (UTC)

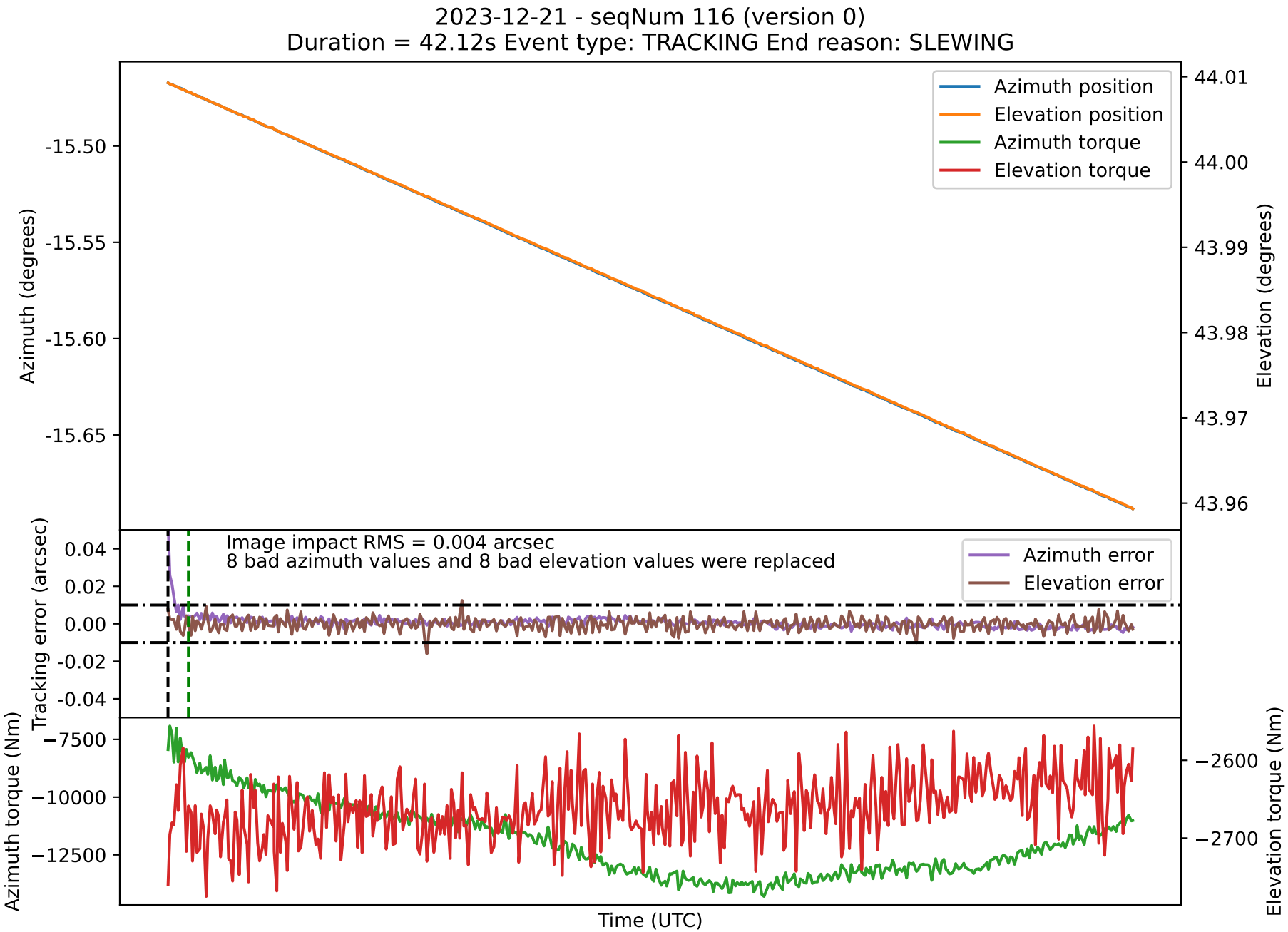

2023-12-20 - seqNum 551 (version 0)
Duration = 45.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
14 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

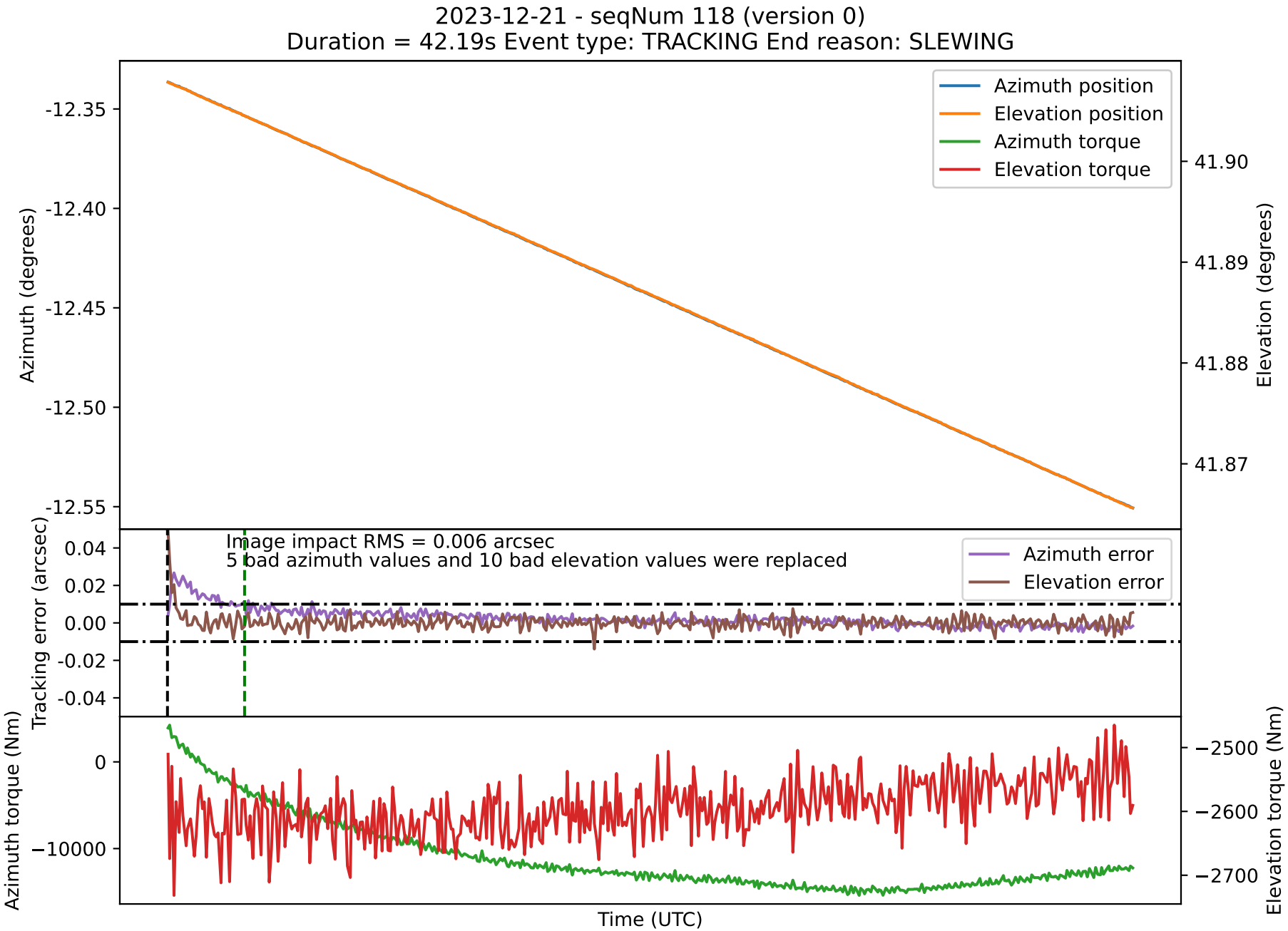

2023-12-20 - seqNum 553 (version 0)
Duration = 83.93s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
77.70
77.60
77.50
77.40
77.30
74.30
74.25
74.20
74.15
74.10
74.05
Image impact RMS = 0.004 arcsec
23 bad azimuth values and 16 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
500
250
0
−250
Time (UTC)

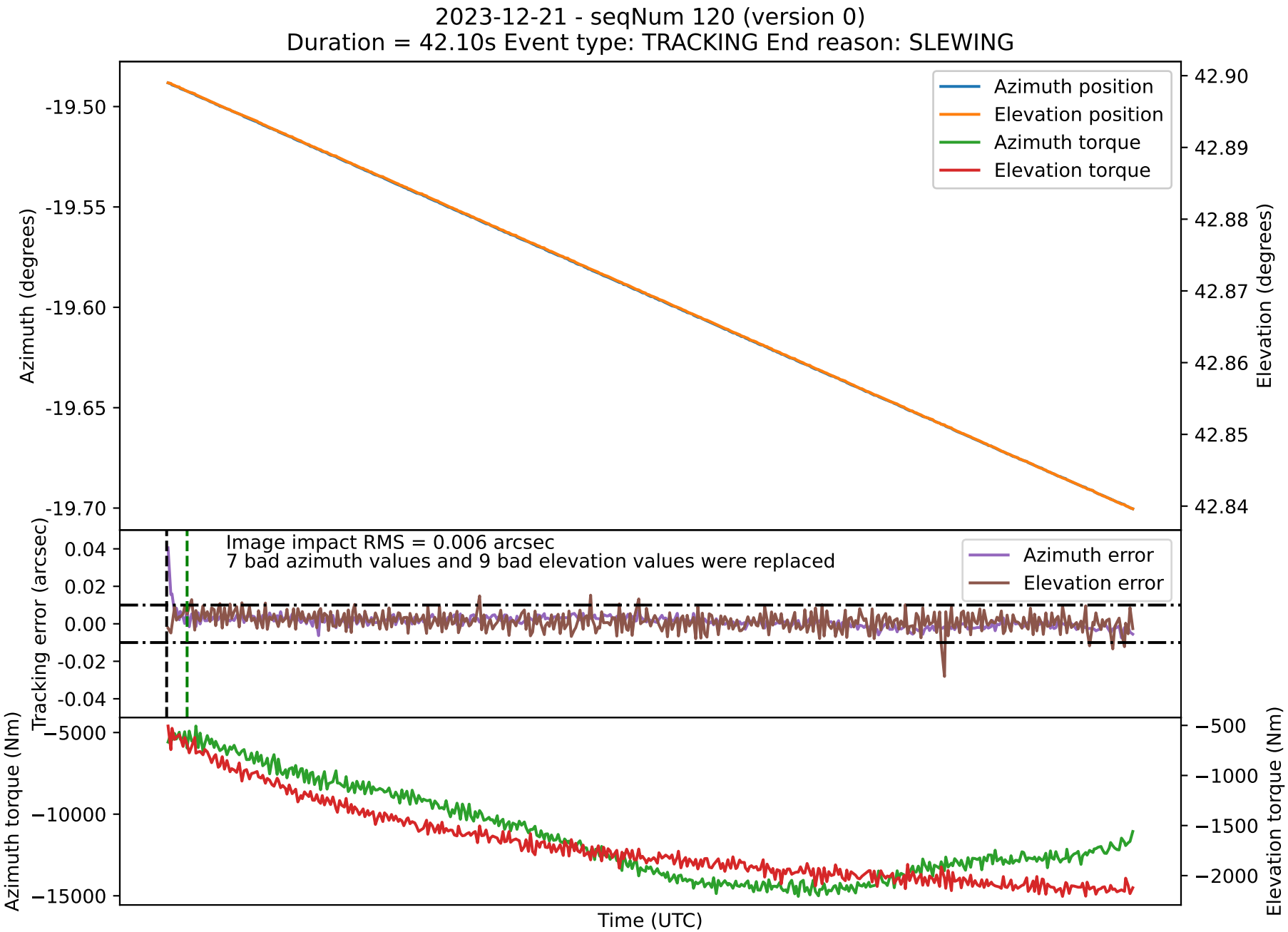

2023-12-21 - seqNum 110 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-4.00
-4.05
-4.10
-4.15
-4.20
41.30
41.30
41.30
41.29
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−500
−1000
Time (UTC)

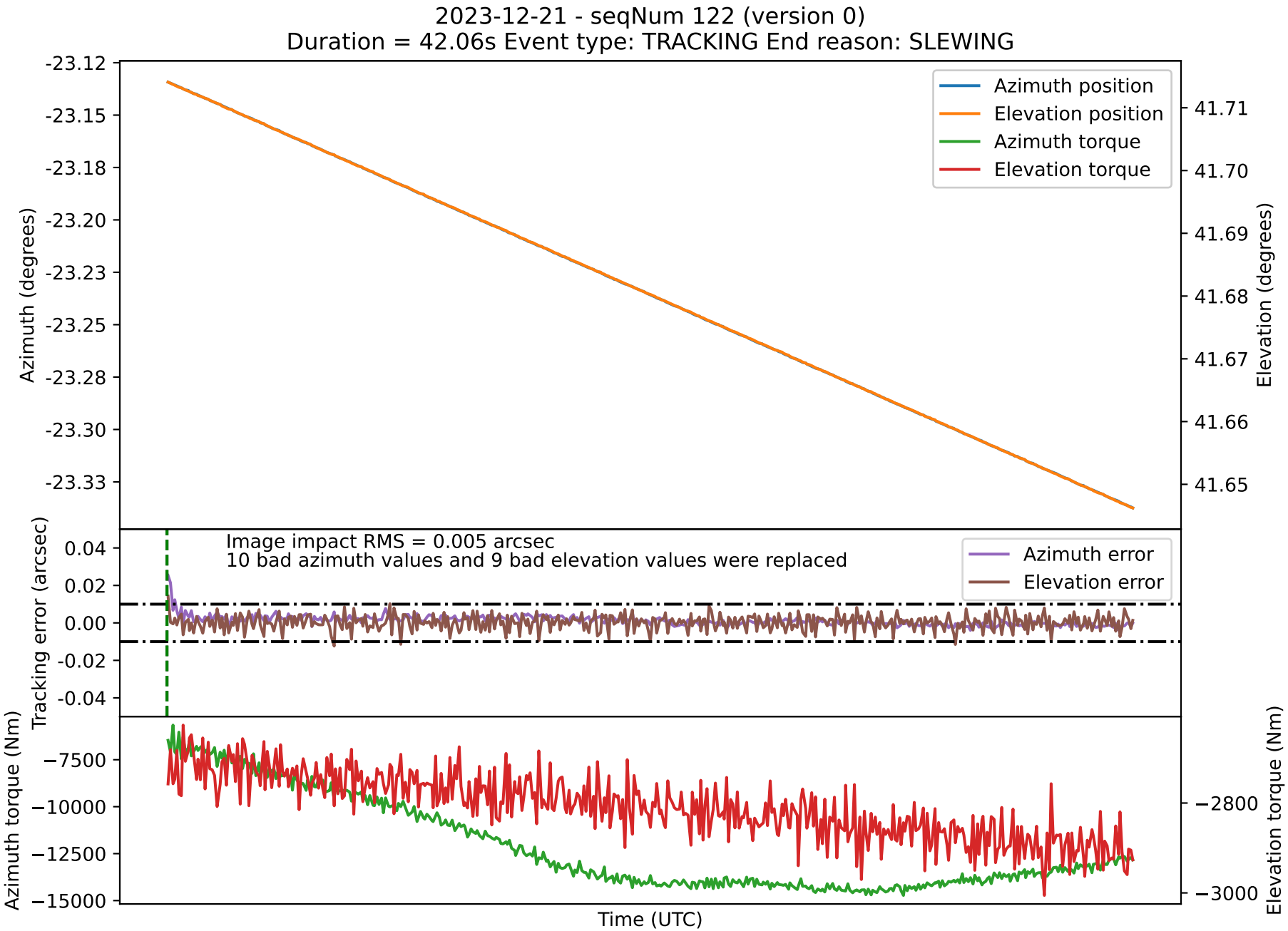

2023-12-21 - seqNum 112 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.85
-7.90
-7.95
-8.00
-8.05
42.95
42.95
42.95
42.94
42.94
42.93
42.93
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 9 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
0
−500
−1000
−1500
Time (UTC)

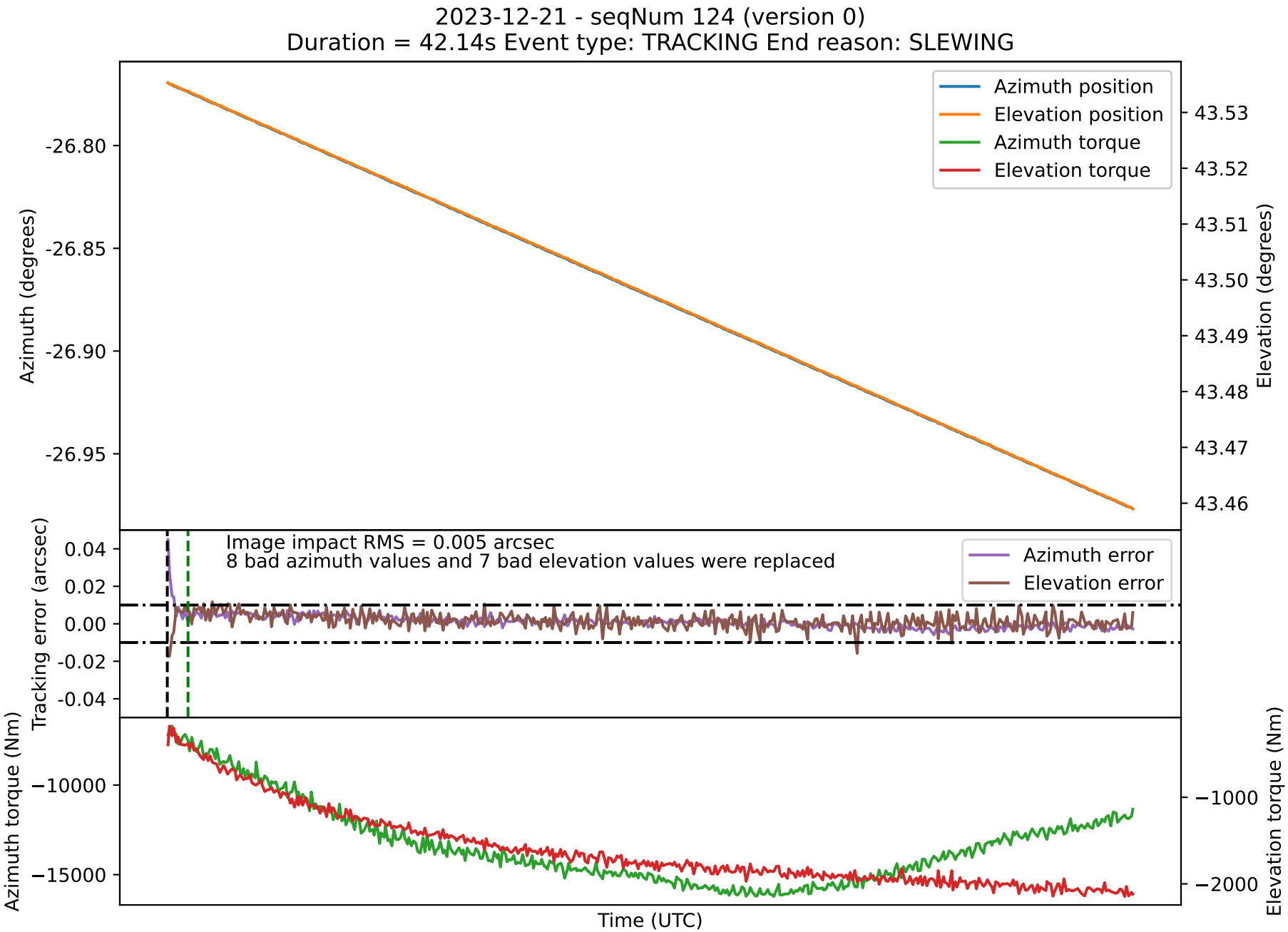

2023-12-21 - seqNum 114 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-11.55
-11.60
-11.65
-11.70
-11.75
44.92
44.91
44.91
44.91
44.90
44.90
44.89
44.89
Image impact RMS = 0.004 arcsec
0 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−12000
−500
−1000
−1500
Time (UTC)

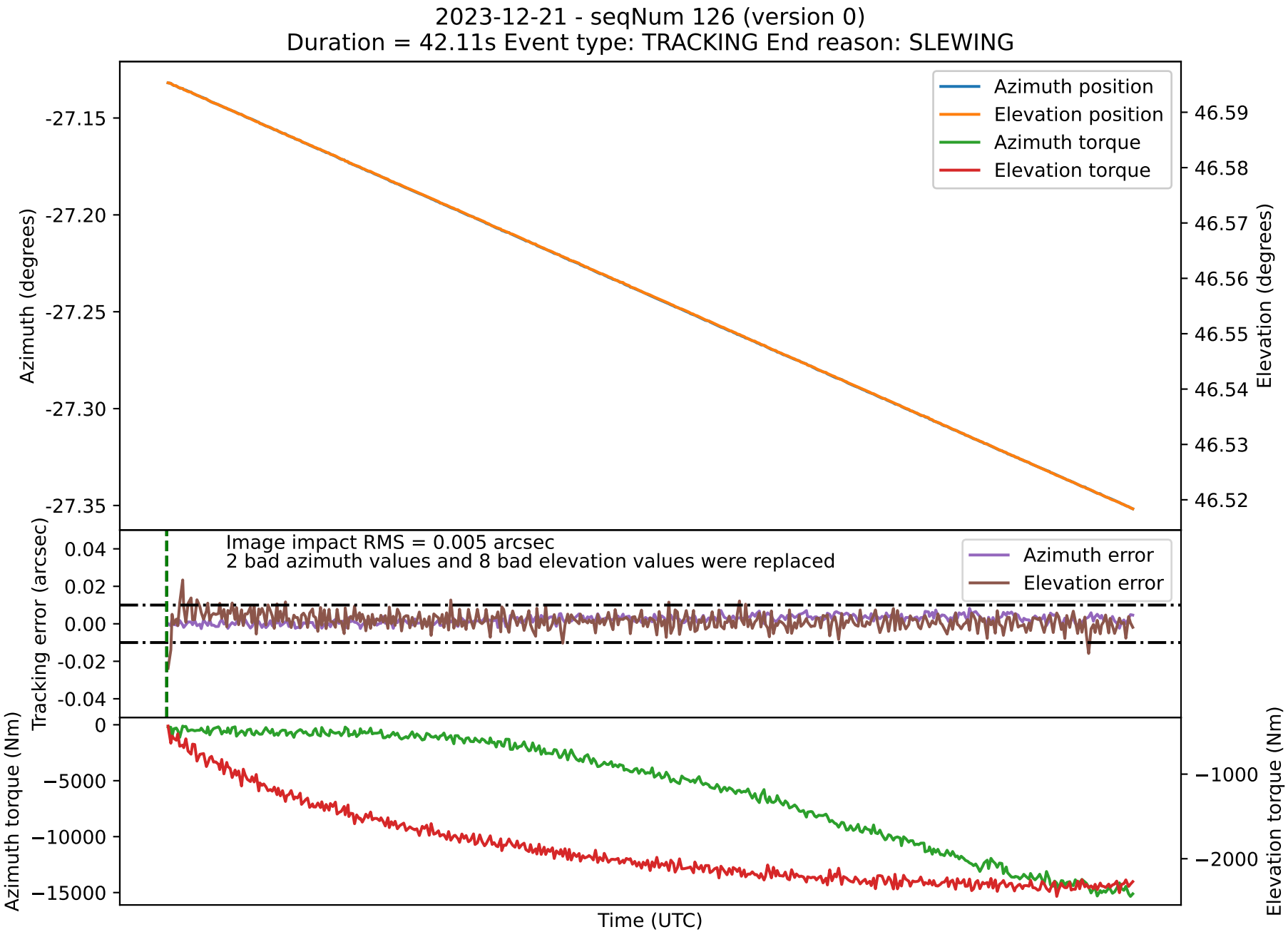

2023-12-21 - seqNum 116 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-15.50
-15.55
-15.60
-15.65
44.01
44.00
43.99
43.98
43.97
43.96
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−2600
−2700
Time (UTC)

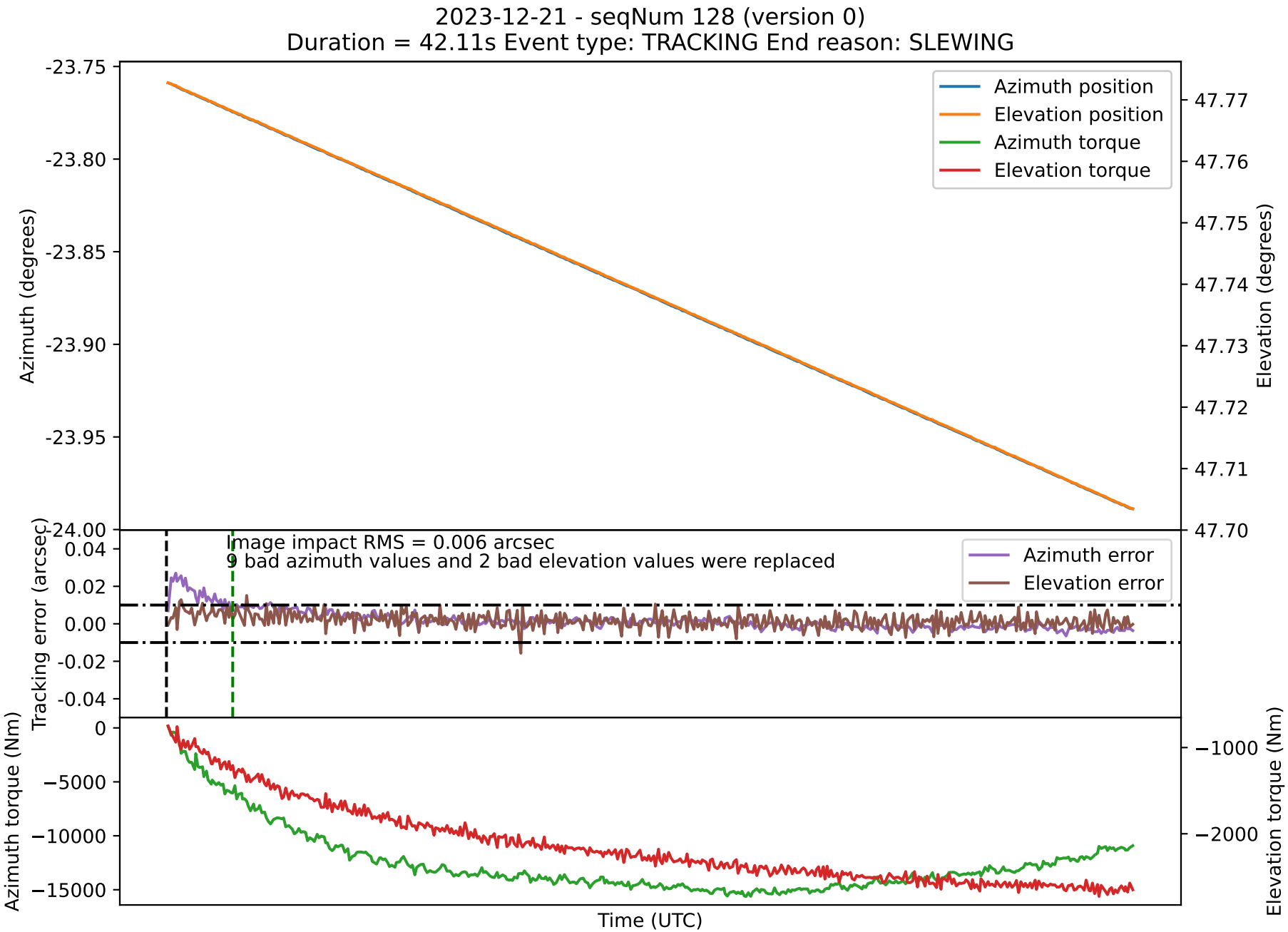

2023-12-21 - seqNum 118 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-12.35
-12.40
-12.45
-12.50
-12.55
41.90
41.89
41.88
41.87
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−2500
−2600
−2700
Time (UTC)

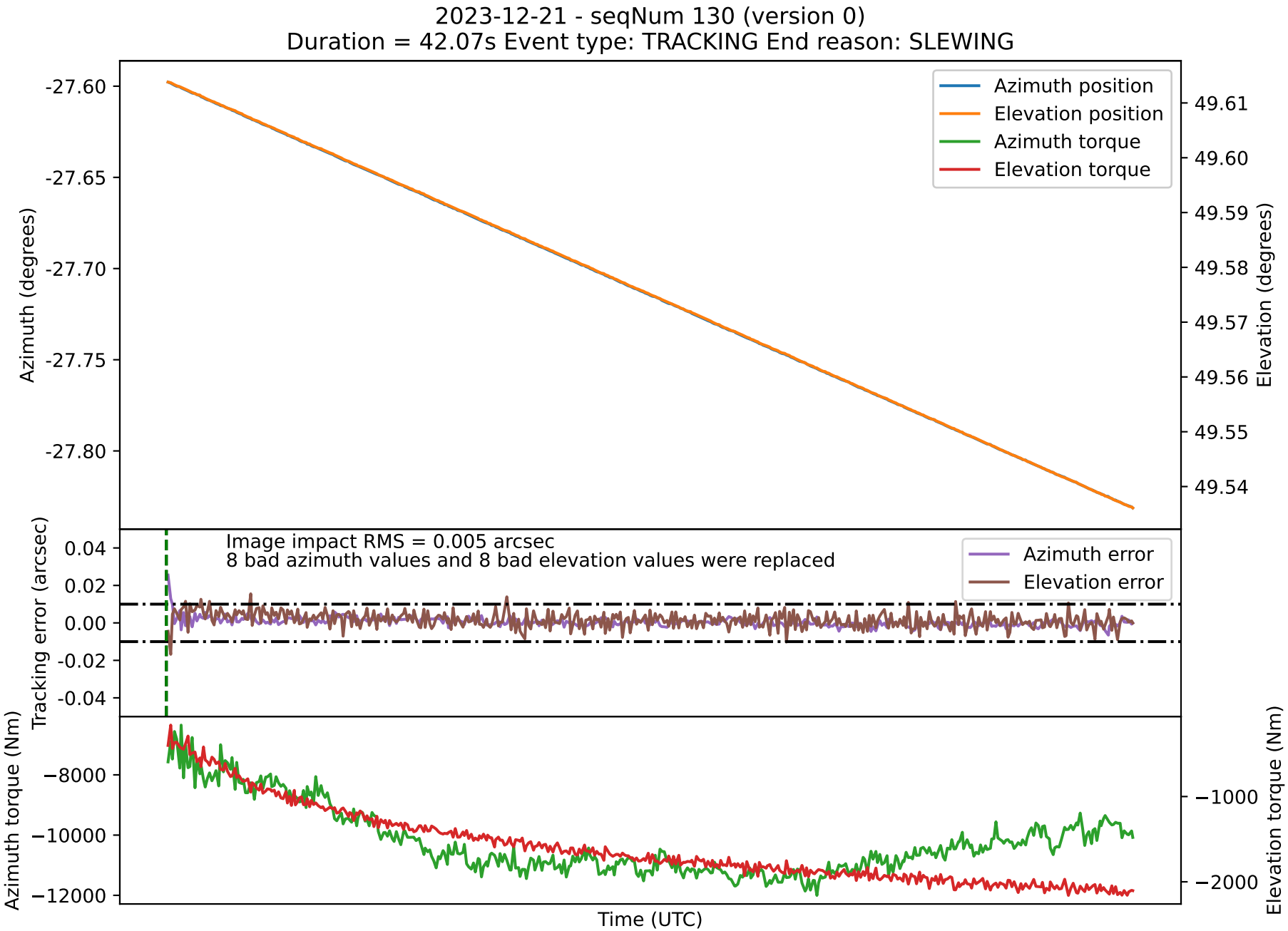

2023-12-21 - seqNum 120 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-19.50
-19.55
-19.60
-19.65
-19.70
42.90
42.89
42.88
42.87
42.86
42.85
42.84
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−500
−1000
−1500
−2000
Time (UTC)

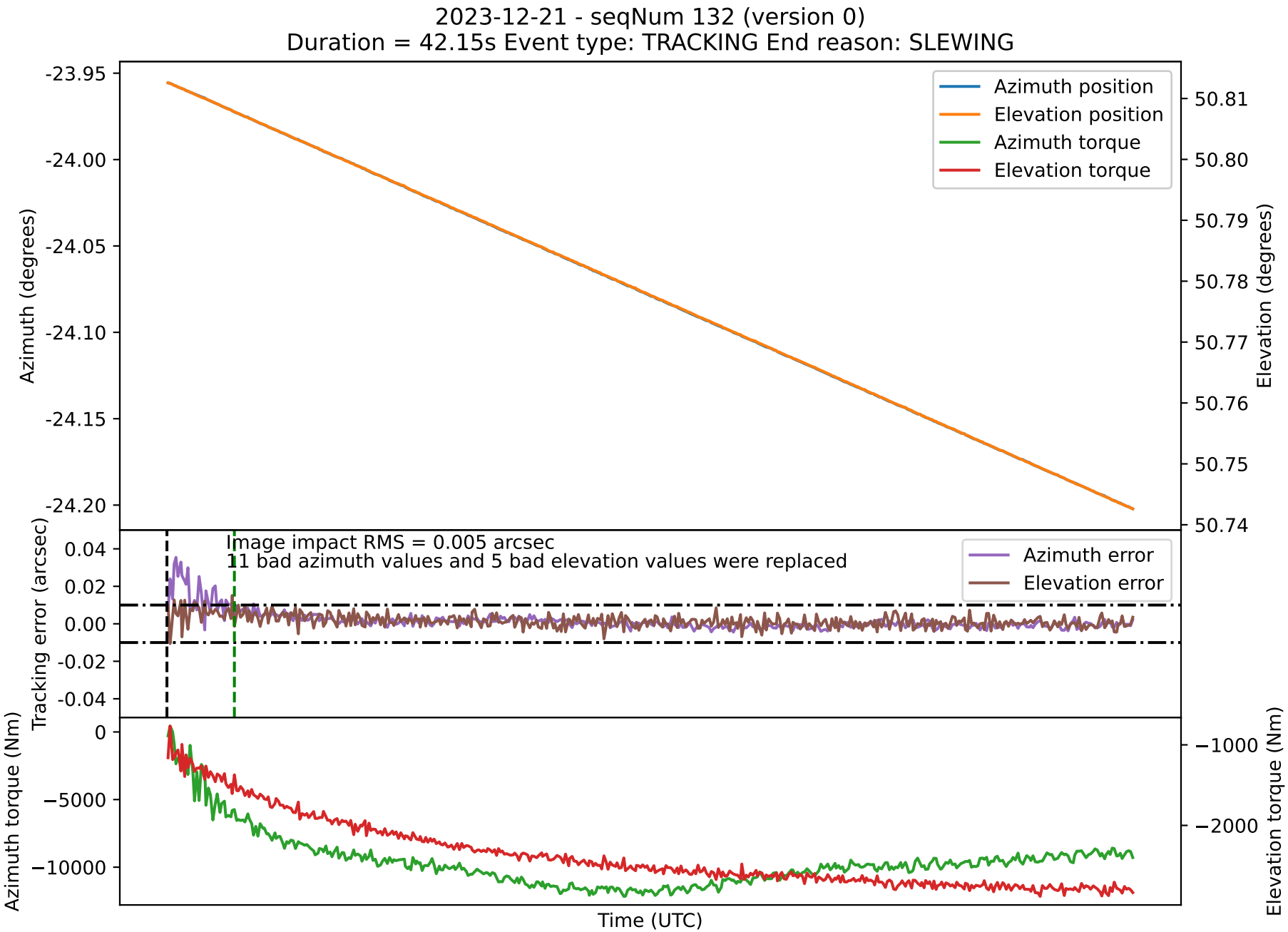

2023-12-21 - seqNum 122 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-23.12
-23.15
-23.18
-23.20
-23.23
-23.25
-23.28
-23.30
-23.33
41.71
41.70
41.69
41.68
41.67
41.66
41.65
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−2800
−3000
Time (UTC)

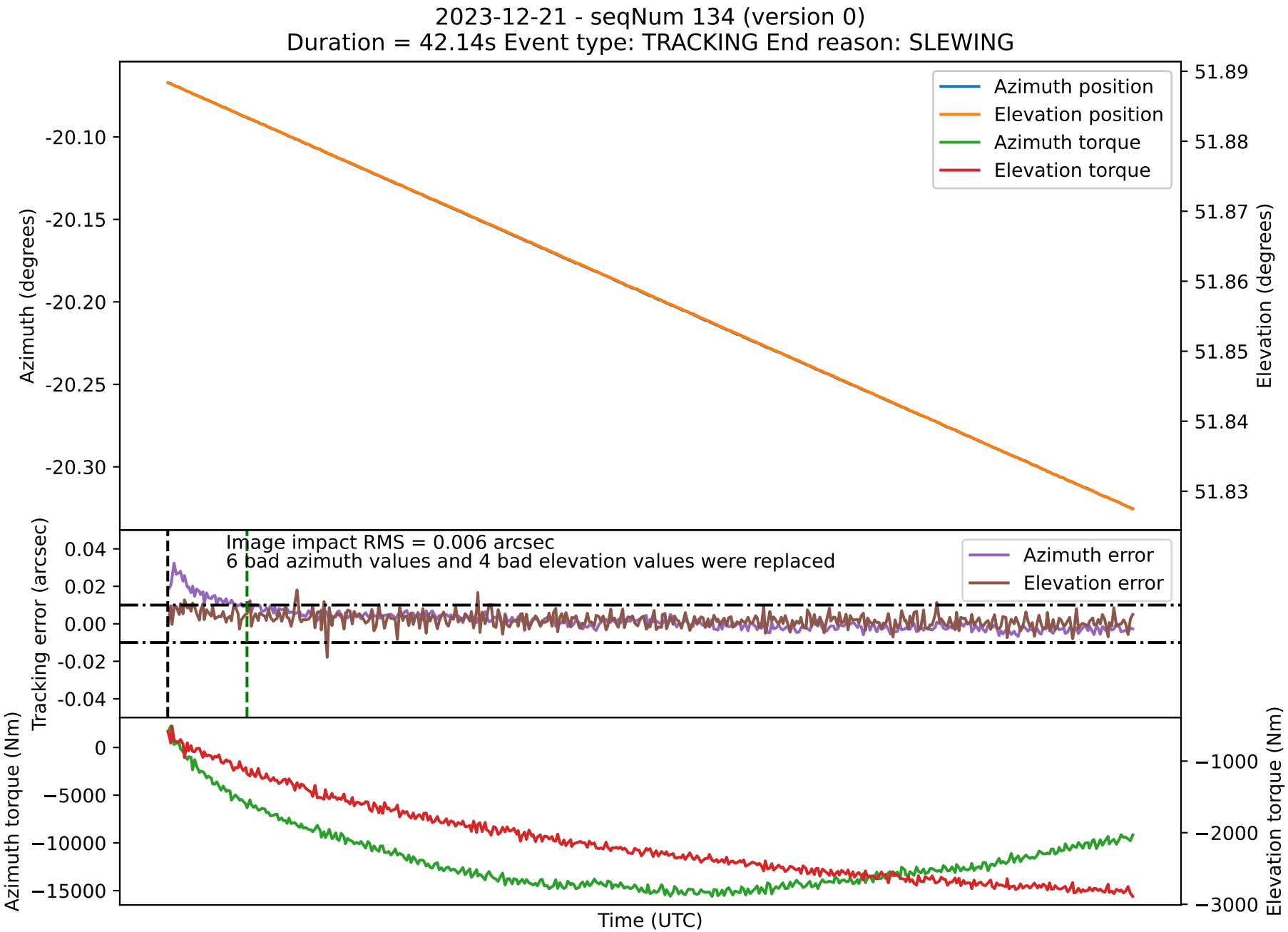

2023-12-21 - seqNum 124 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-26.80
-26.85
-26.90
-26.95
43.53
43.52
43.51
43.50
43.49
43.48
43.47
43.46
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
−1000
−2000
Time (UTC)

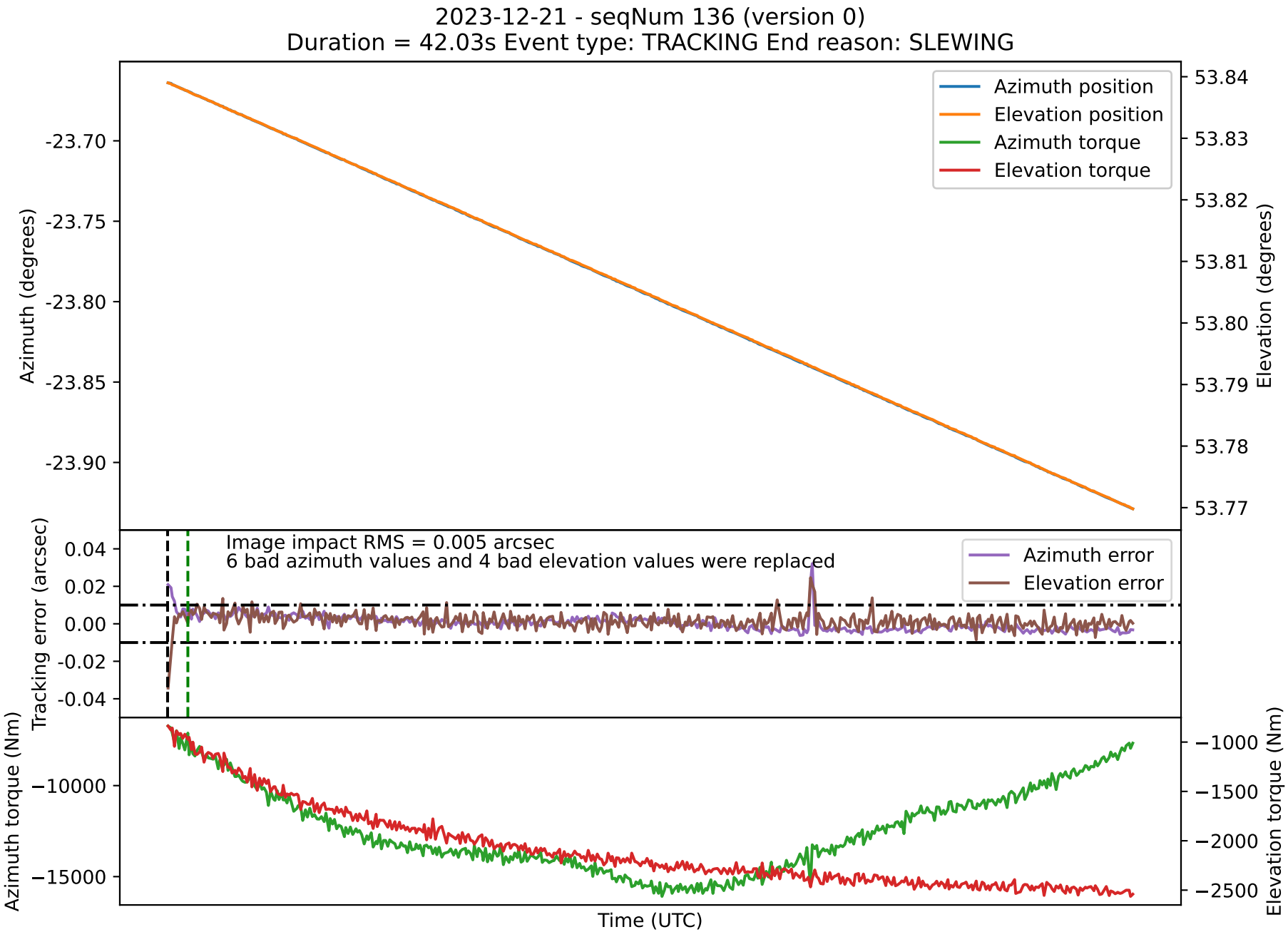

2023-12-21 - seqNum 126 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-27.15
-27.20
-27.25
-27.30
-27.35
46.59
46.58
46.57
46.56
46.55
46.54
46.53
46.52
Image impact RMS = 0.005 arcsec
2 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

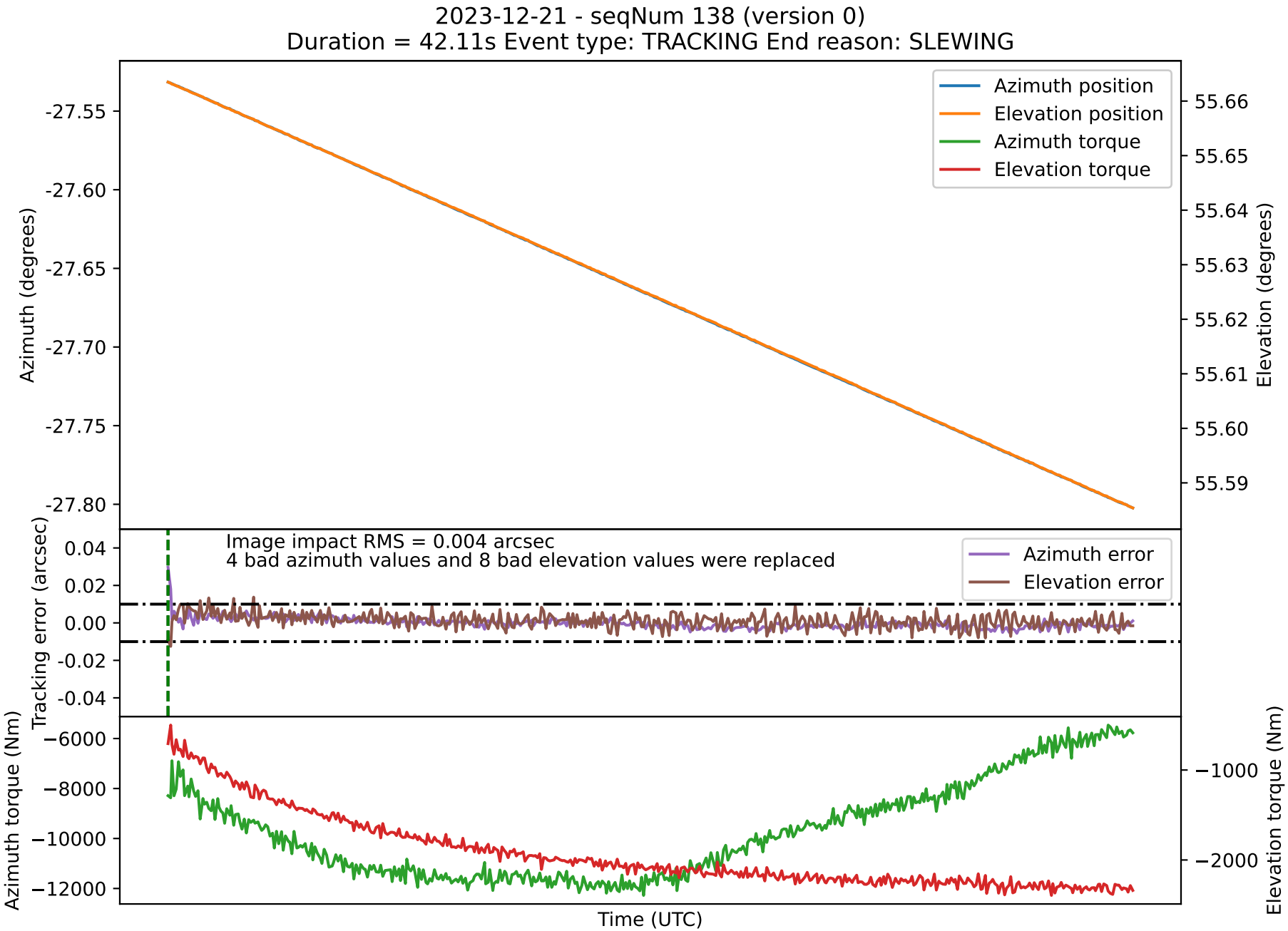

2023-12-21 - seqNum 128 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-23.75
-23.80
-23.85
-23.90
-23.95
-24.00
47.77
47.76
47.75
47.74
47.73
47.72
47.71
47.70
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

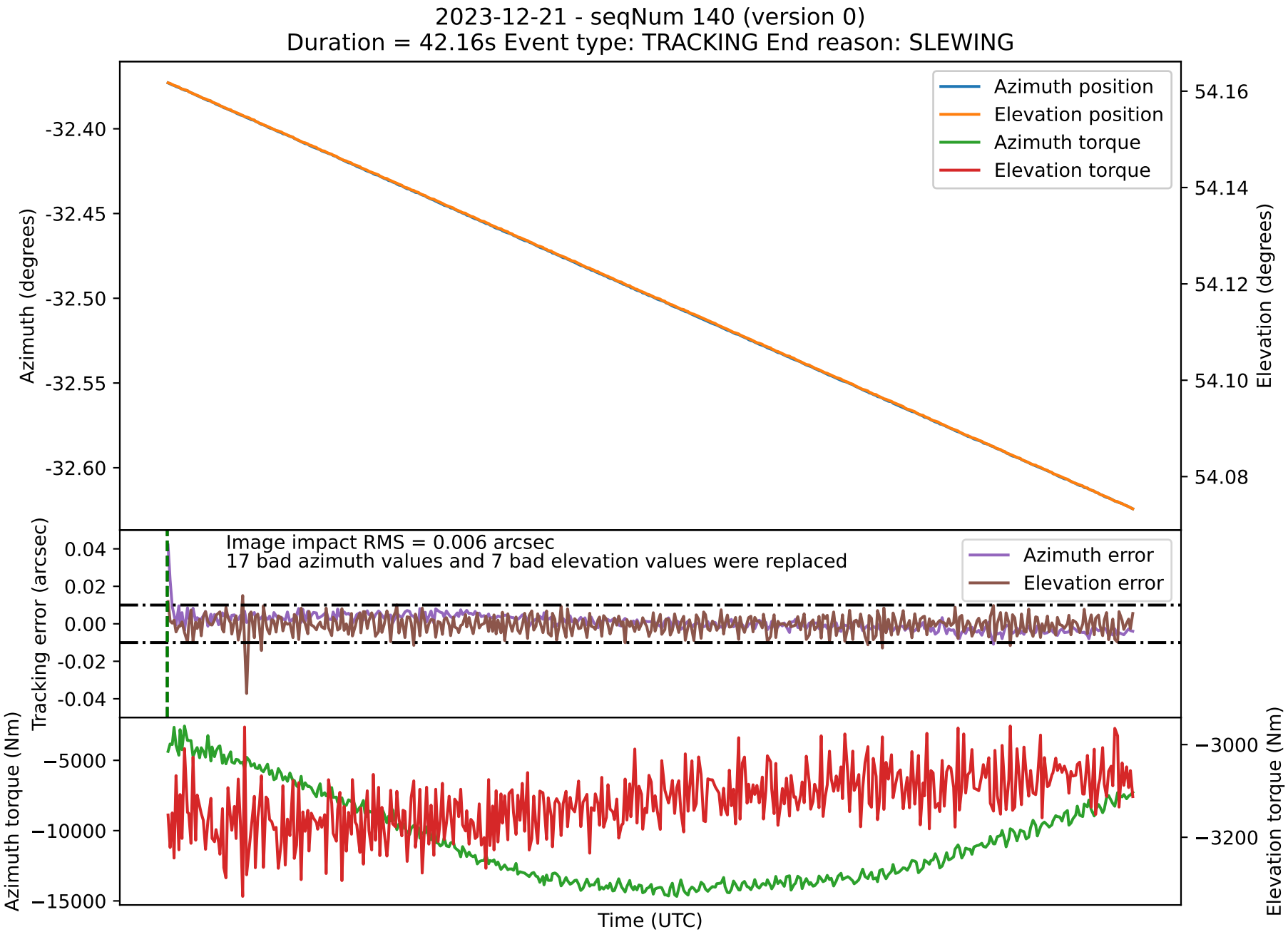

2023-12-21 - seqNum 130 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-27.60
-27.65
-27.70
-27.75
-27.80
49.61
49.60
49.59
49.58
49.57
49.56
49.55
49.54
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
−1000
−2000
Time (UTC)

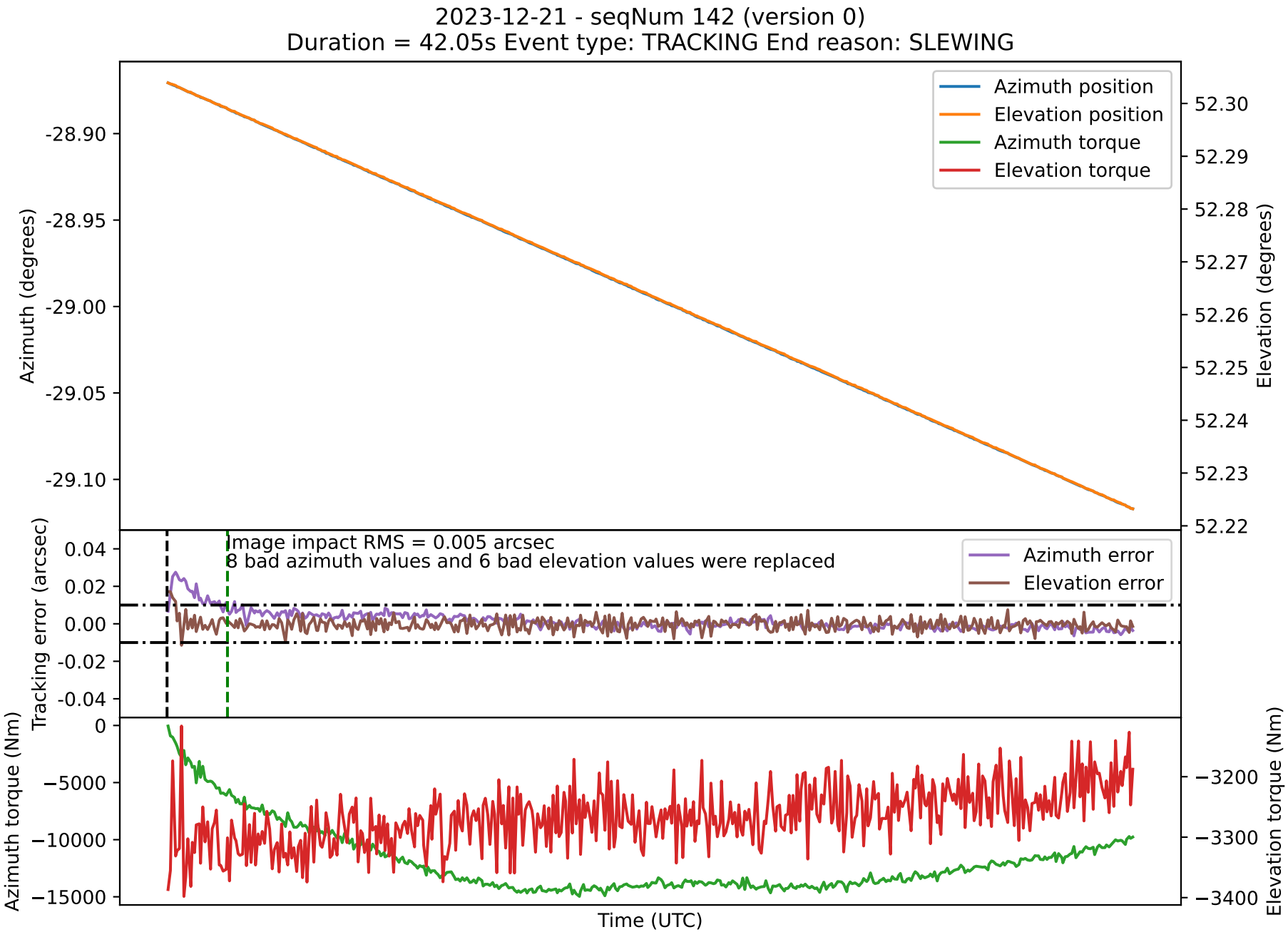

2023-12-21 - seqNum 132 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-23.95
-24.00
-24.05
-24.10
-24.15
-24.20
50.81
50.80
50.79
50.78
50.77
50.76
50.75
50.74
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
Time (UTC)

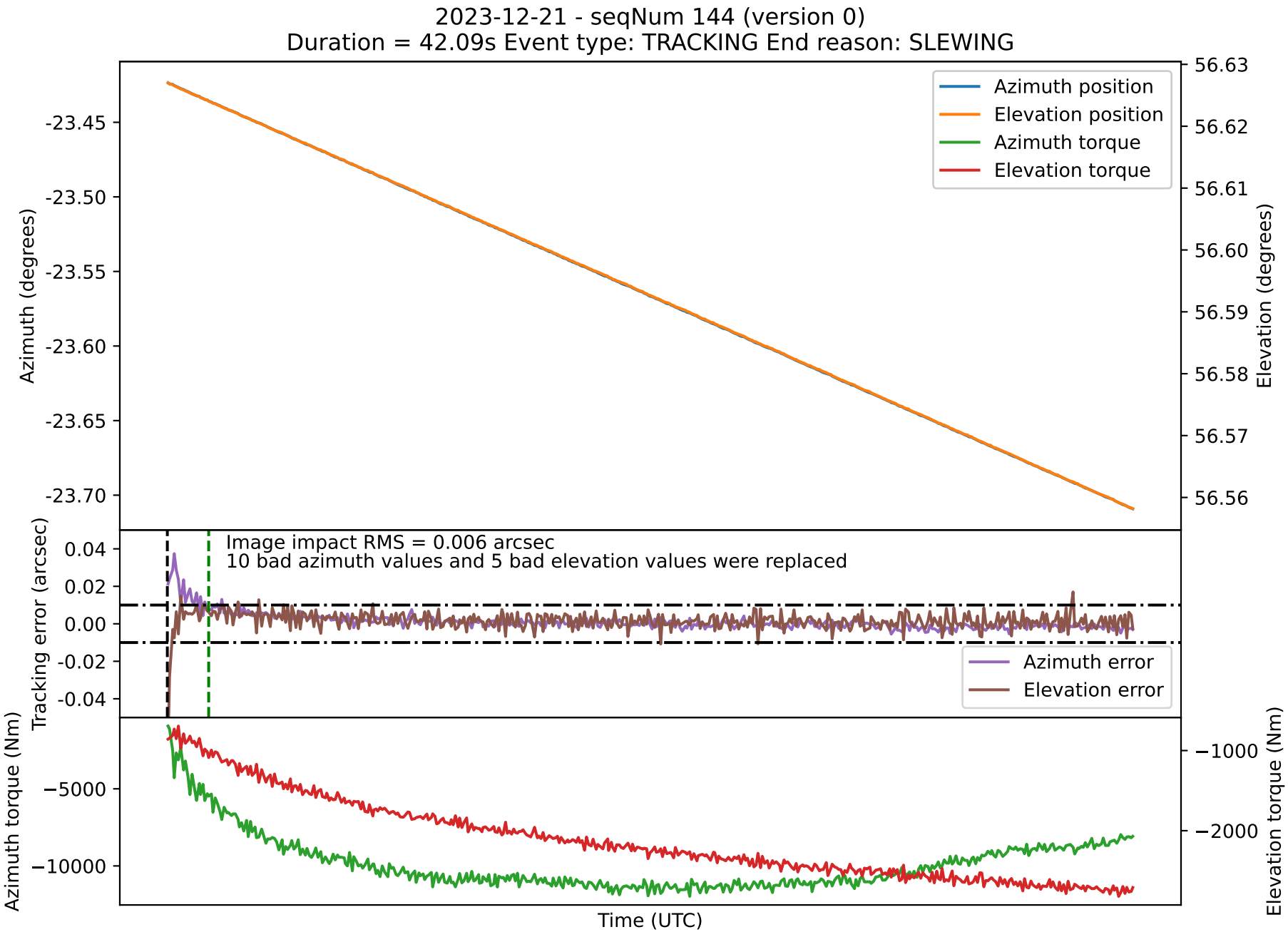

2023-12-21 - seqNum 134 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-20.10
-20.15
-20.20
-20.25
-20.30
51.89
51.88
51.87
51.86
51.85
51.84
51.83
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

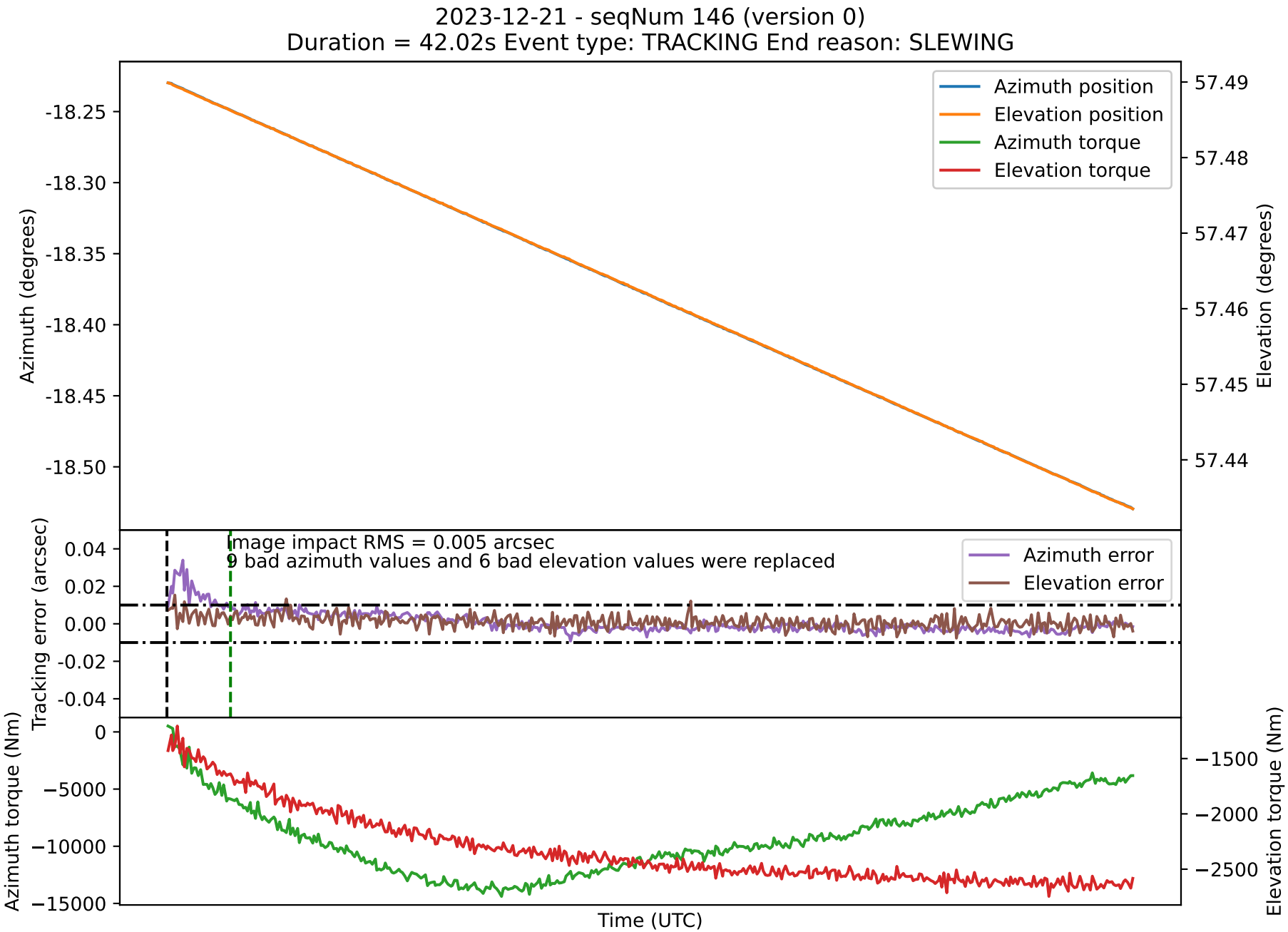

2023-12-21 - seqNum 136 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-23.70
-23.75
-23.80
-23.85
-23.90
53.84
53.83
53.82
53.81
53.80
53.79
53.78
53.77
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
−1000
−1500
−2000
−2500
Time (UTC)

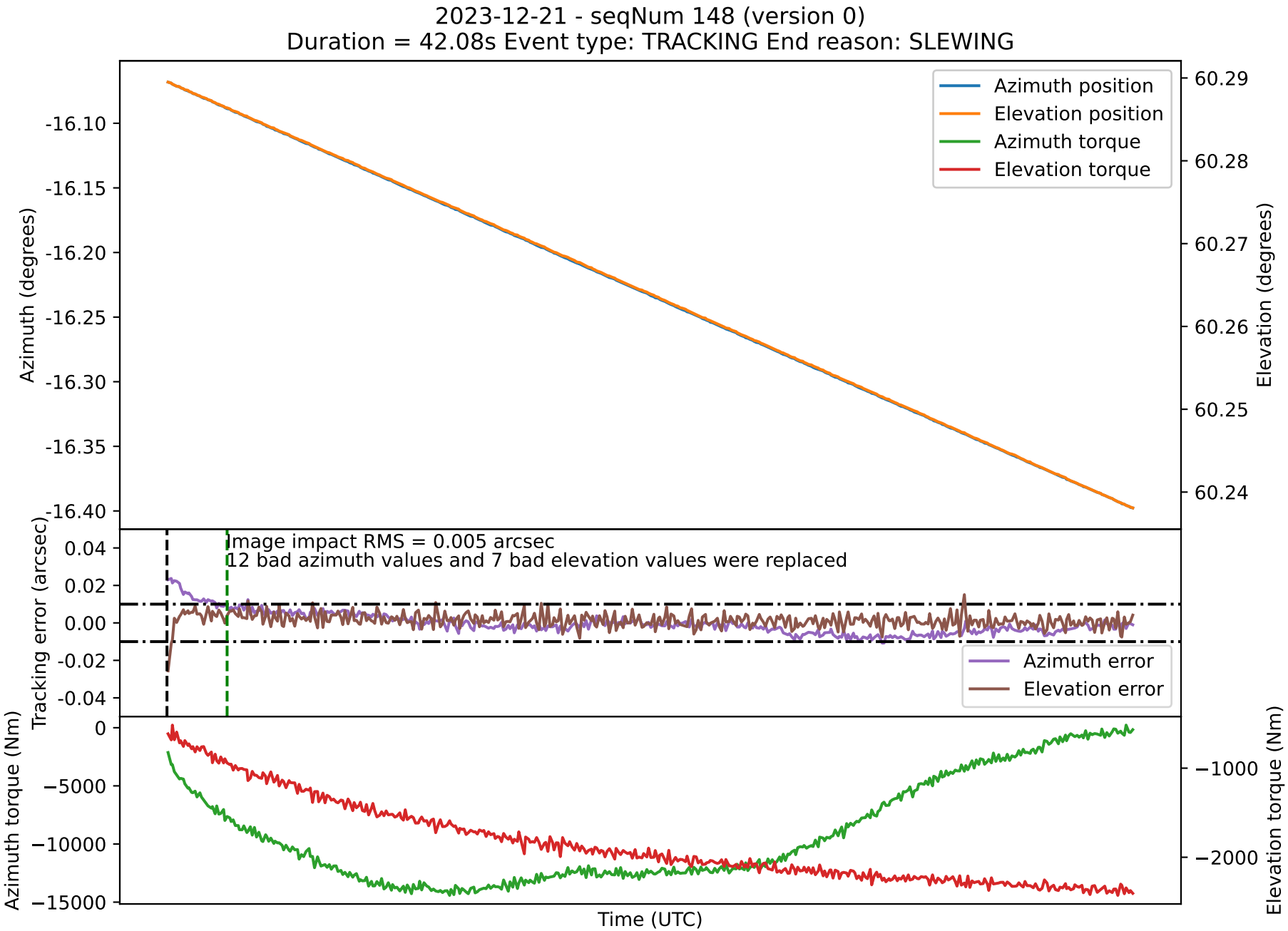

2023-12-21 - seqNum 138 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-27.55
-27.60
-27.65
-27.70
-27.75
-27.80
55.66
55.65
55.64
55.63
55.62
55.61
55.60
55.59
Image impact RMS = 0.004 arcsec
4 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−12000
−1000
−2000
Time (UTC)

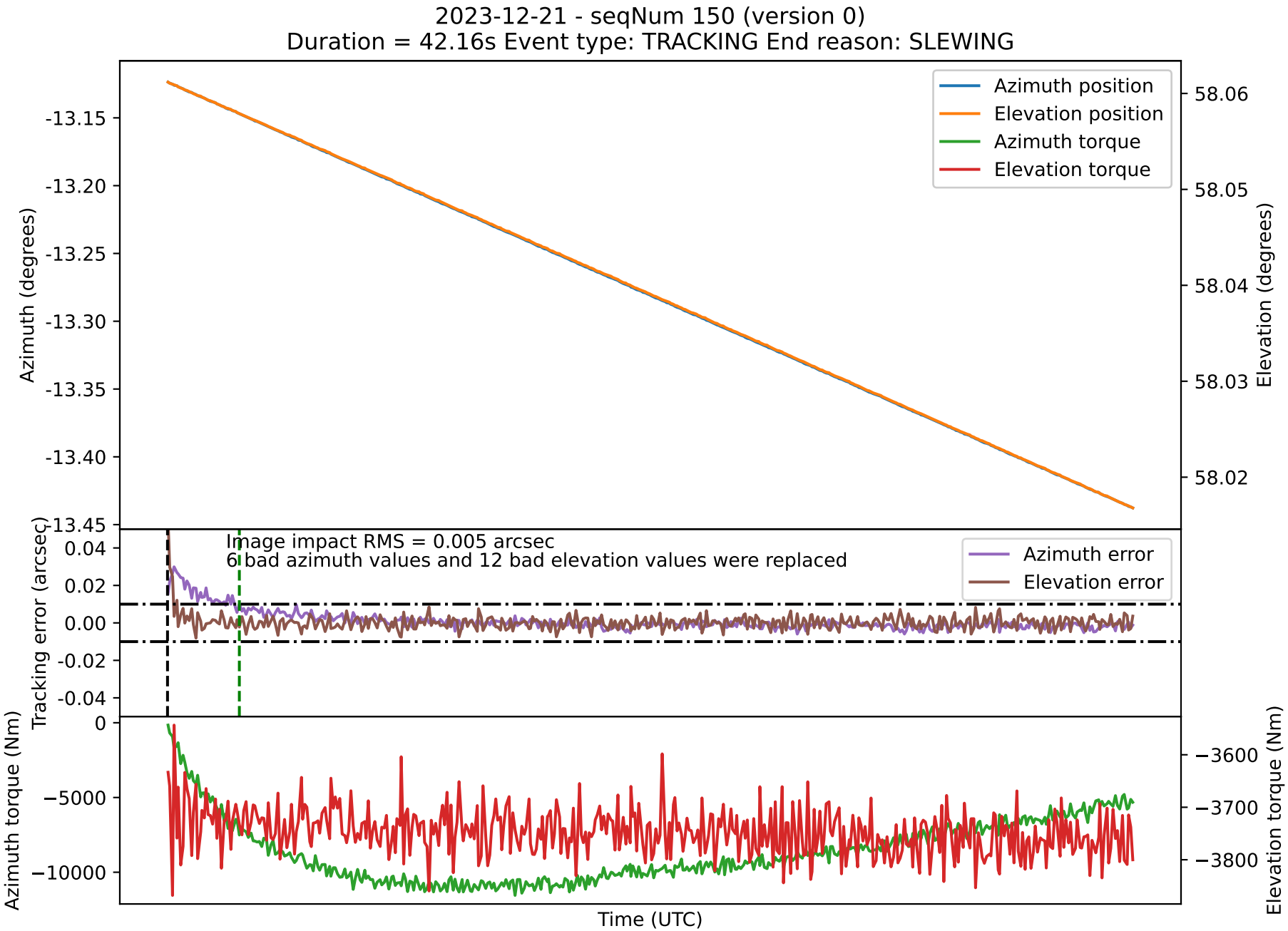

2023-12-21 - seqNum 140 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-32.40
-32.45
-32.50
-32.55
-32.60
54.16
54.14
54.12
54.10
54.08
Image impact RMS = 0.006 arcsec
17 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3000
−3200
Time (UTC)

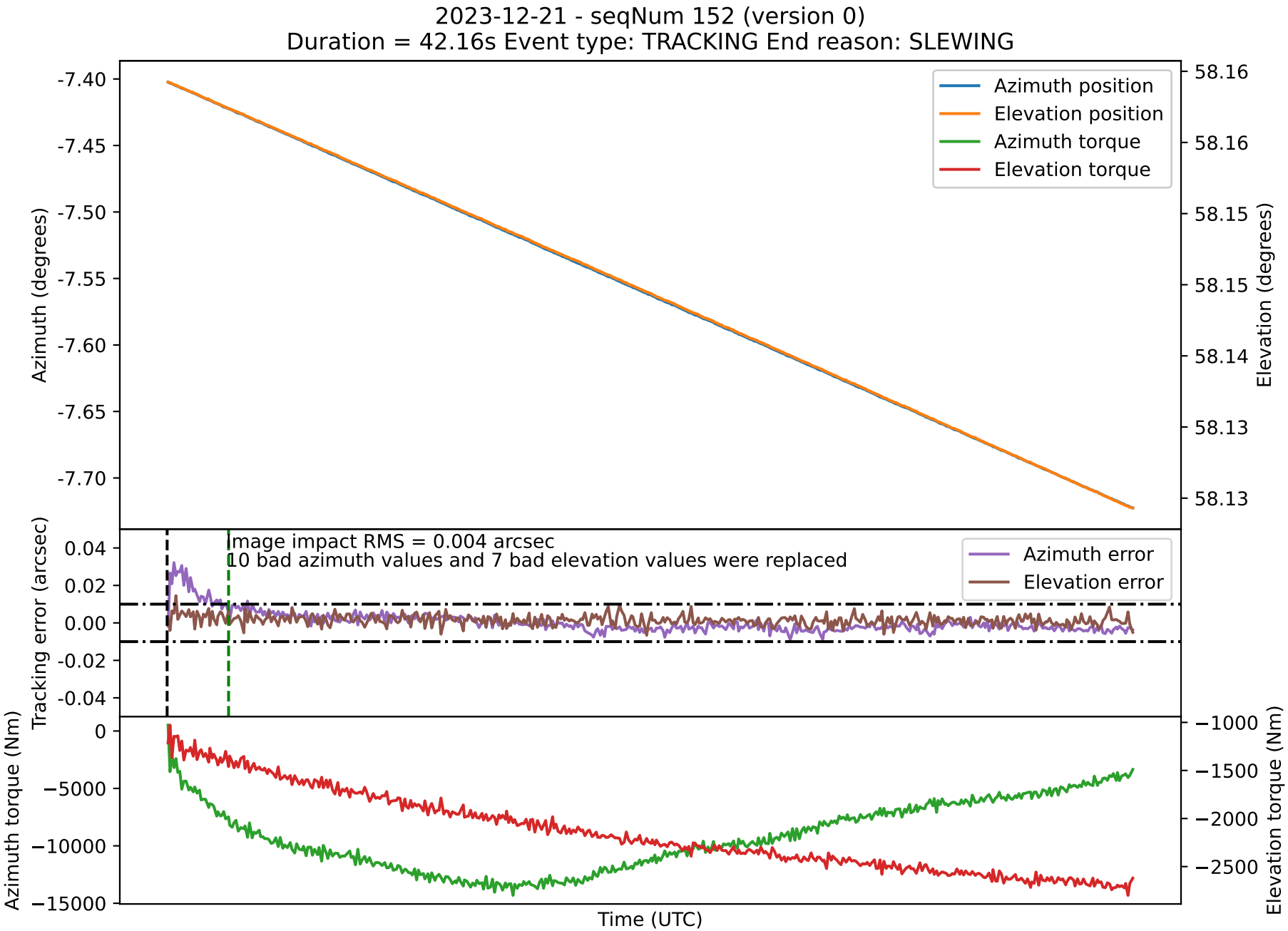

2023-12-21 - seqNum 142 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-28.90
-28.95
-29.00
-29.05
-29.10
52.30
52.29
52.28
52.27
52.26
52.25
52.24
52.23
52.22
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3200
−3300
−3400
Time (UTC)

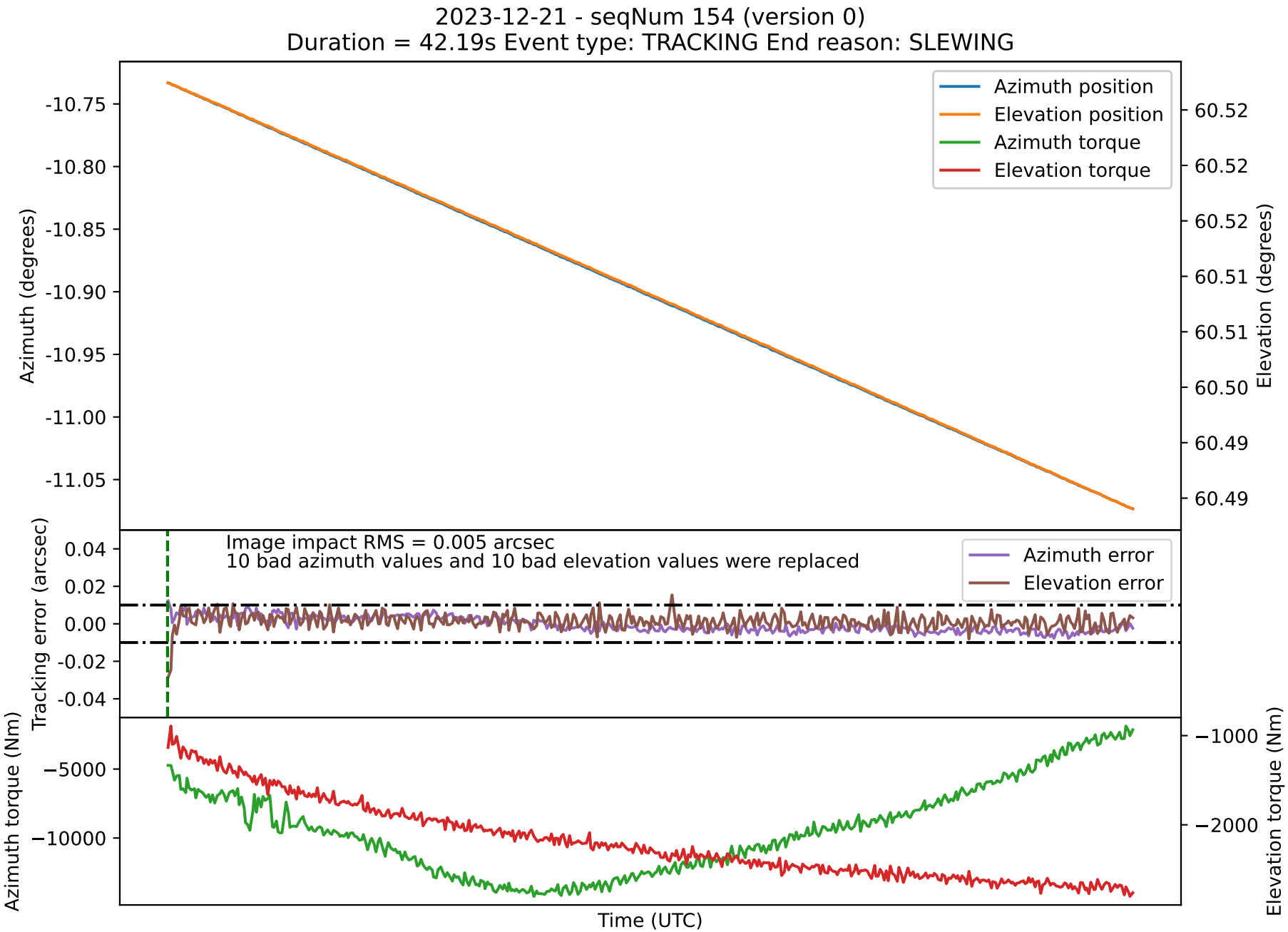

2023-12-21 - seqNum 144 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-23.45
-23.50
-23.55
-23.60
-23.65
-23.70
56.63
56.62
56.61
56.60
56.59
56.58
56.57
56.56
Image impact RMS = 0.006 arcsec
10 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1000
−2000
Time (UTC)

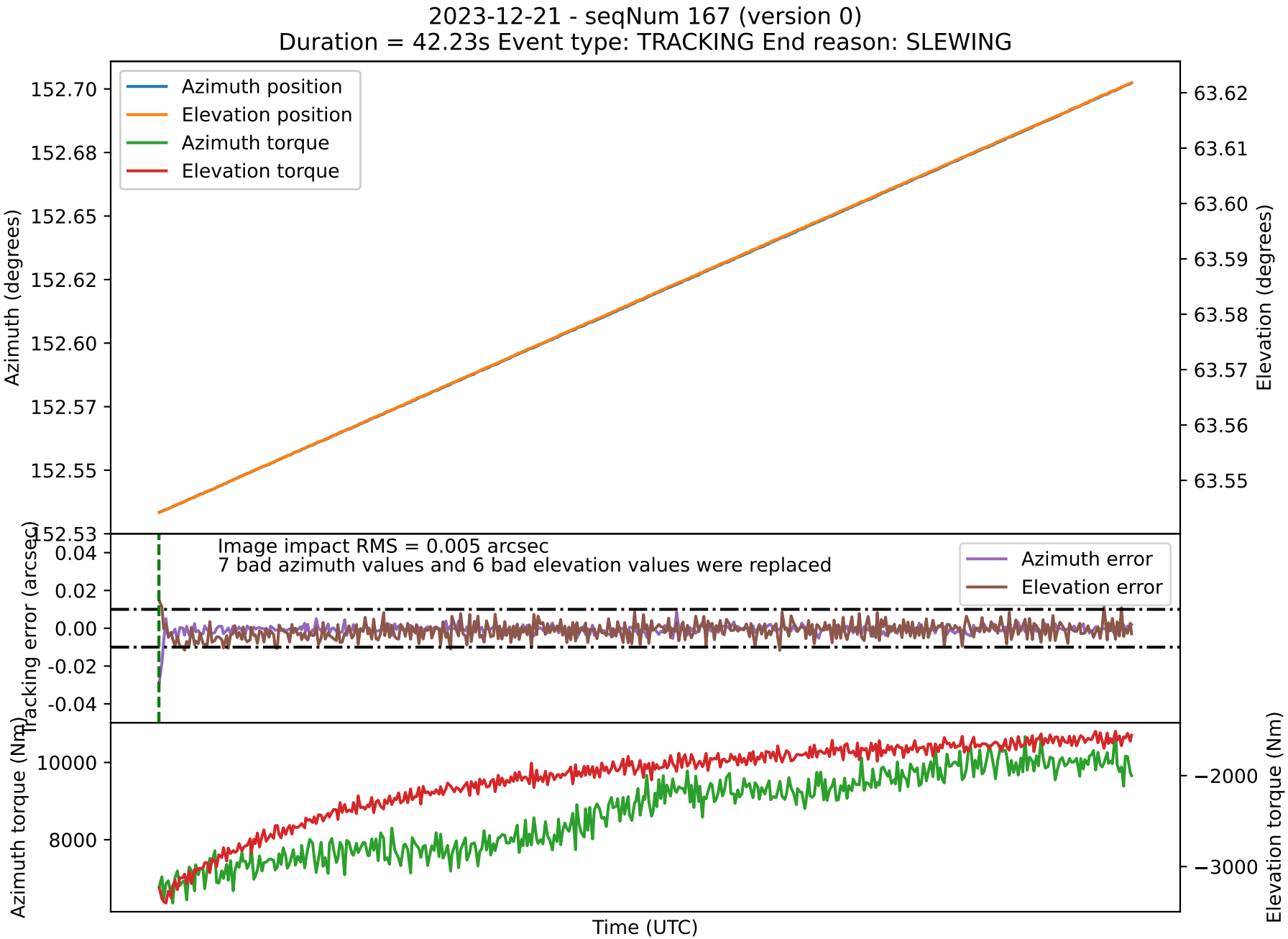

2023-12-21 - seqNum 146 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-18.25
-18.30
-18.35
-18.40
-18.45
-18.50
57.49
57.48
57.47
57.46
57.45
57.44
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1500
−2000
−2500
Time (UTC)

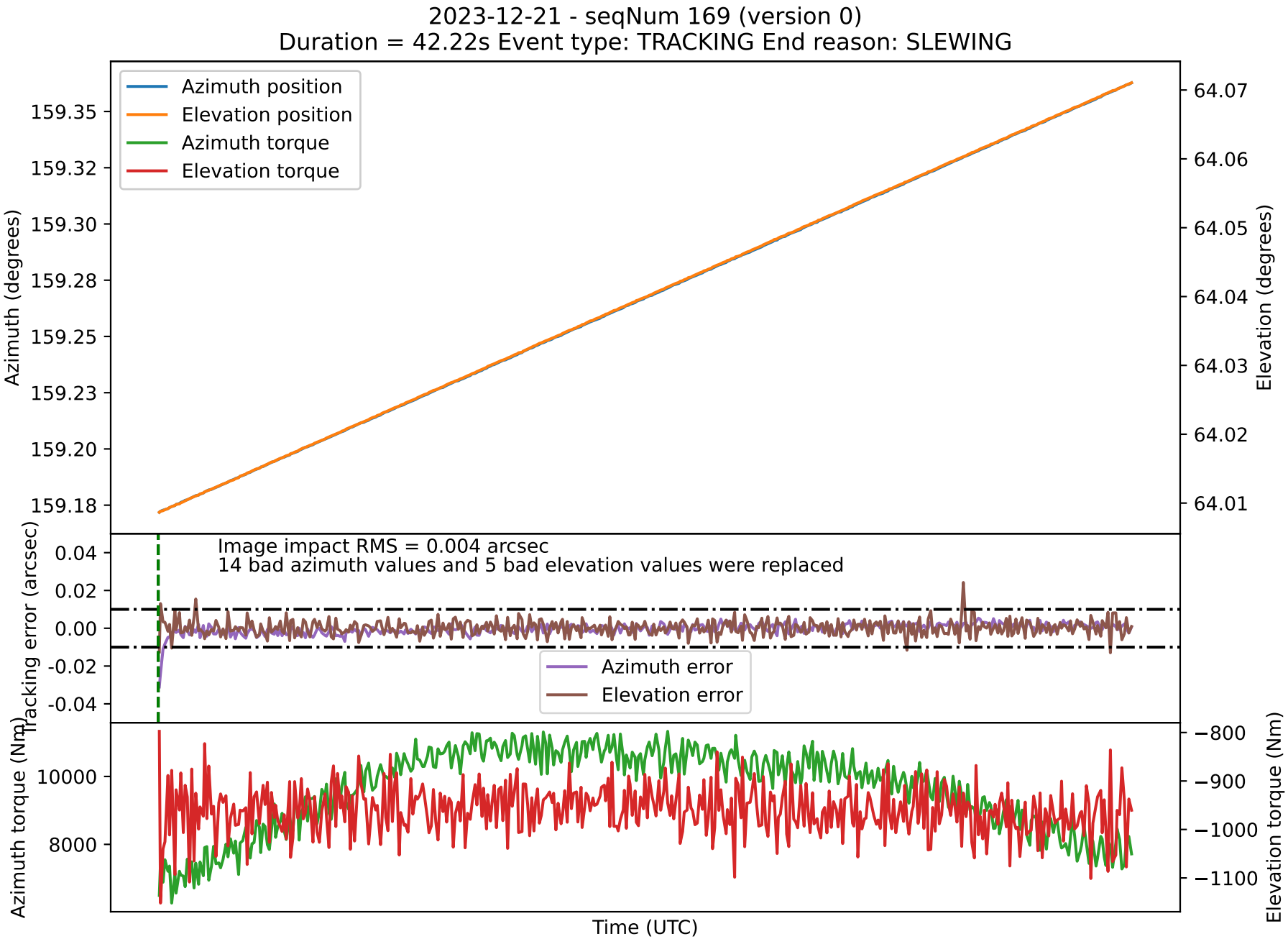

2023-12-21 - seqNum 148 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-16.10
-16.15
-16.20
-16.25
-16.30
-16.35
-16.40
60.29
60.28
60.27
60.26
60.25
60.24
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

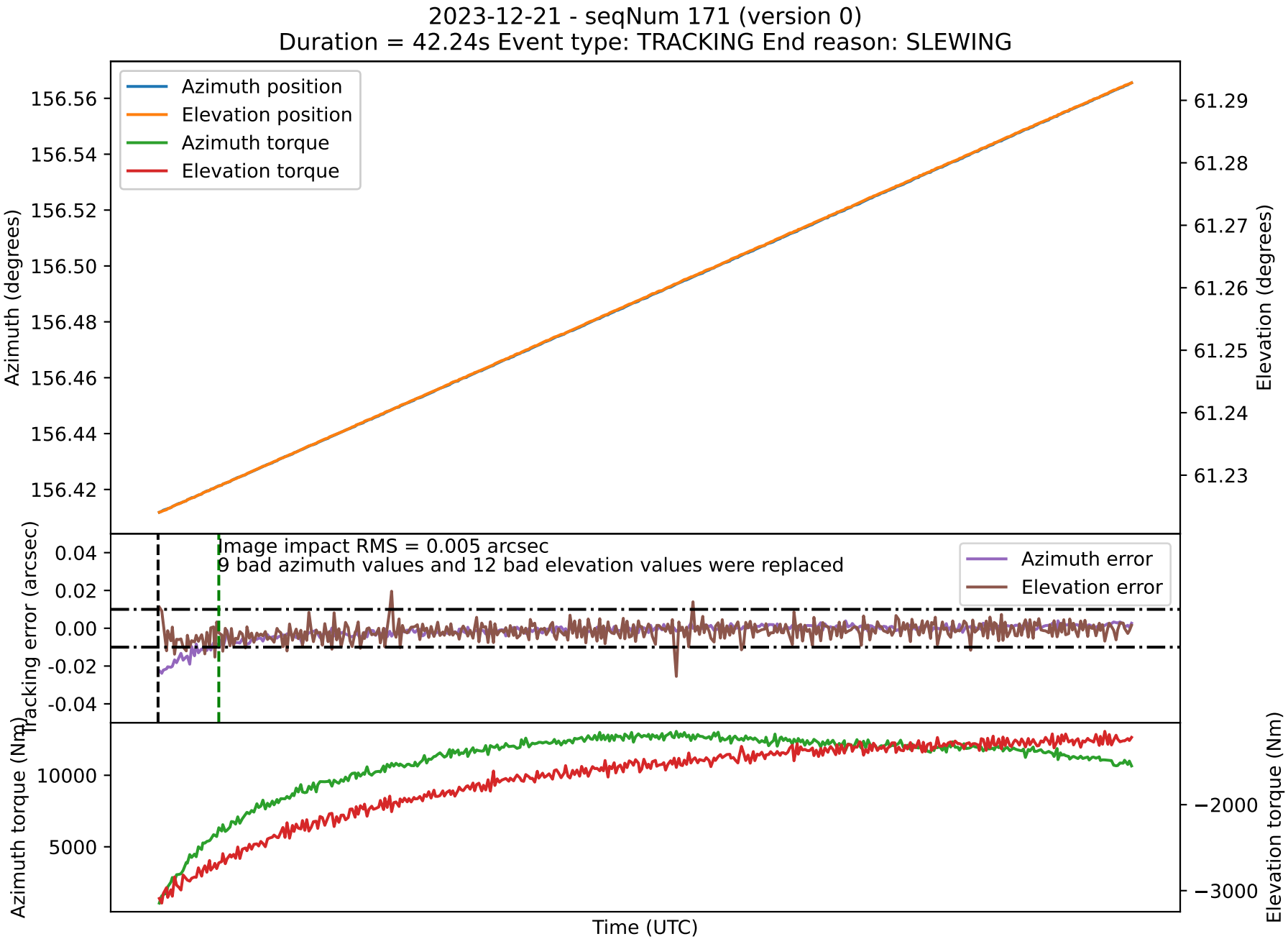

2023-12-21 - seqNum 150 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-13.15
-13.20
-13.25
-13.30
-13.35
-13.40
-13.45
58.06
58.05
58.04
58.03
58.02
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−3600
−3700
−3800
Time (UTC)

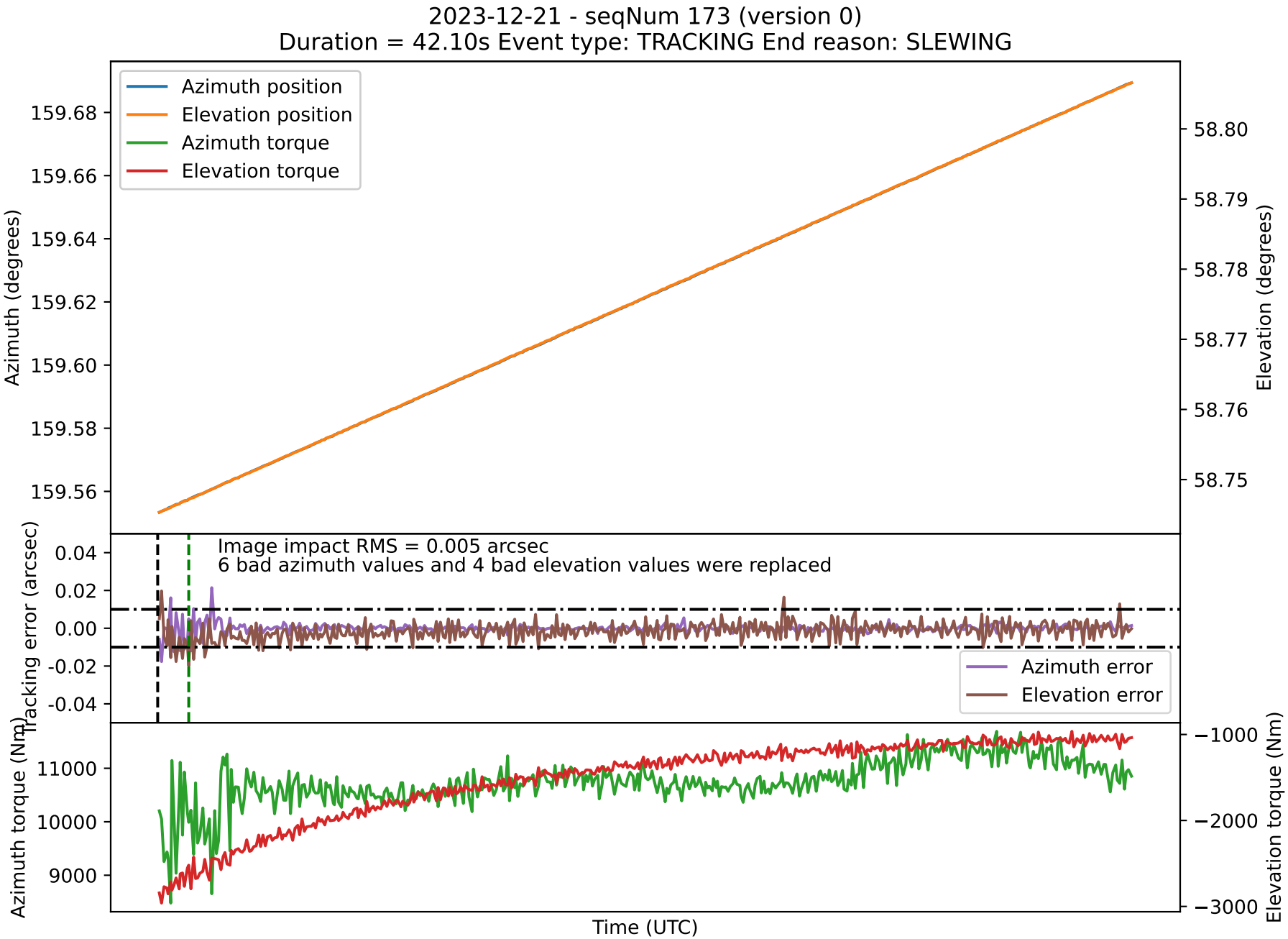

2023-12-21 - seqNum 152 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.40
-7.45
-7.50
-7.55
-7.60
-7.65
-7.70
58.16
58.16
58.15
58.15
58.14
58.13
58.13
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−1500
−2000
−2500
Time (UTC)

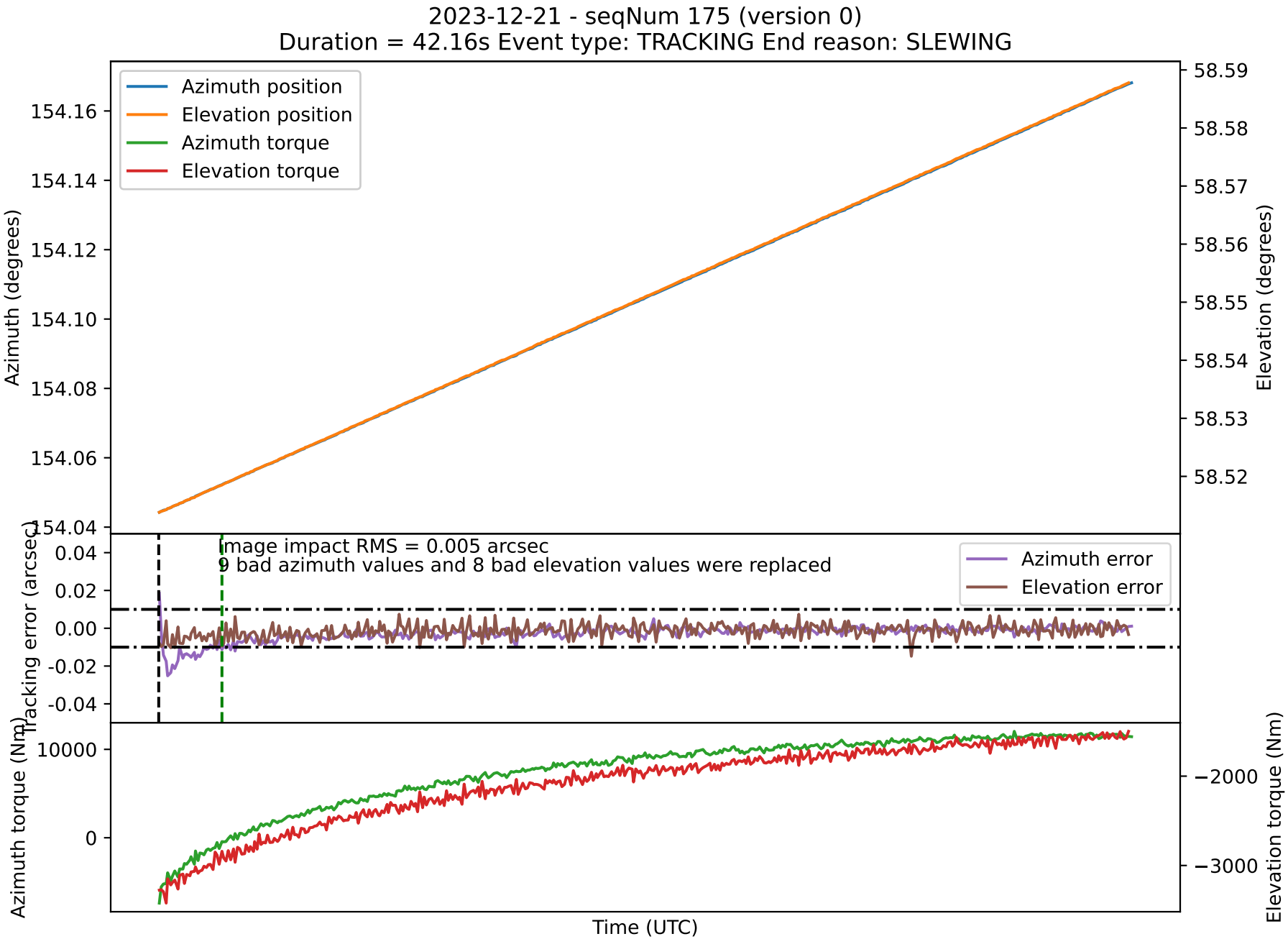

2023-12-21 - seqNum 154 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-10.75
-10.80
-10.85
-10.90
-10.95
-11.00
-11.05
60.52
60.52
60.52
60.51
60.51
60.50
60.49
60.49
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1000
−2000
Time (UTC)

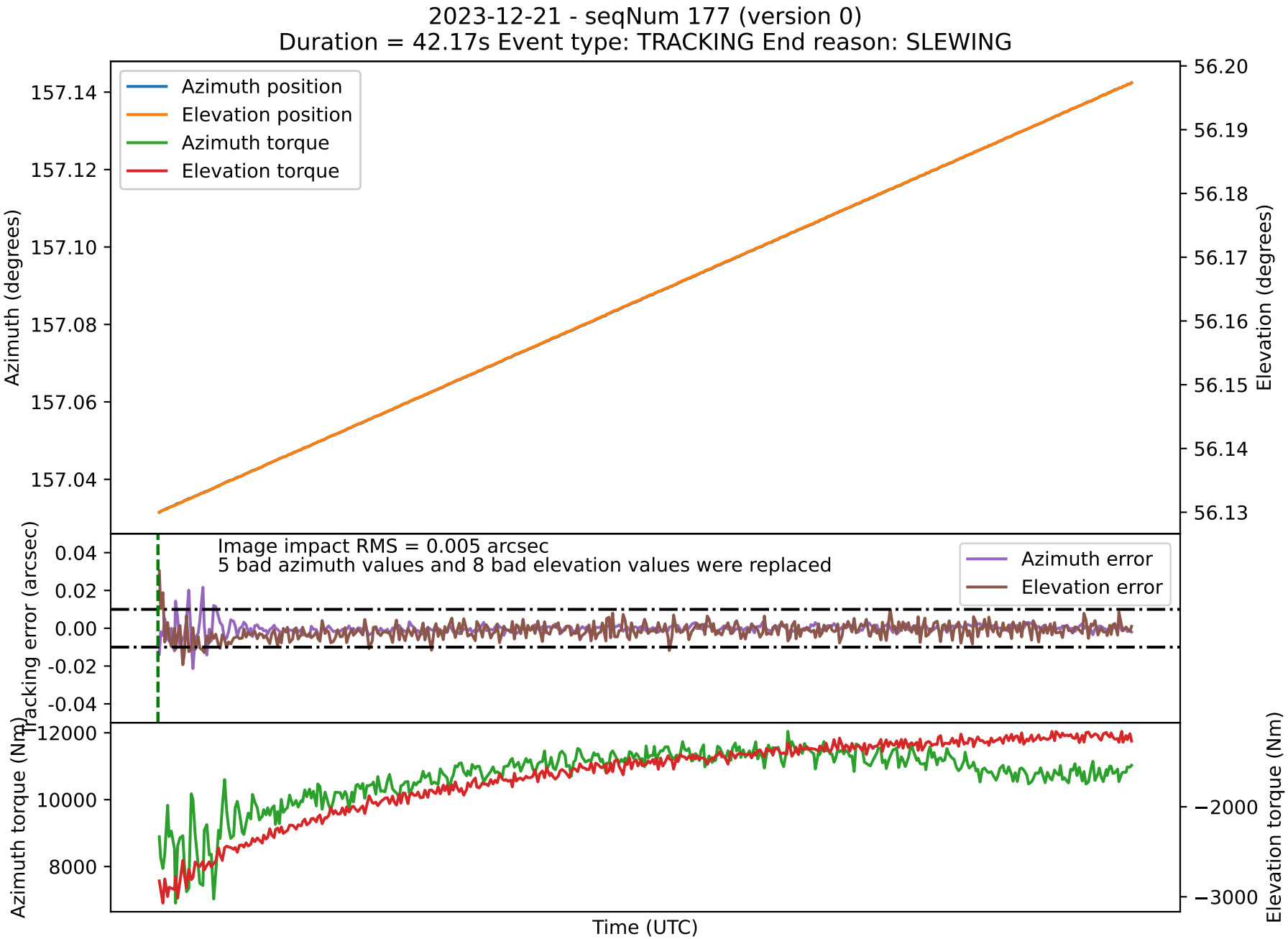

2023-12-21 - seqNum 167 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
152.70
152.68
152.65
152.62
152.60
152.57
152.55
152.53
63.62
63.61
63.60
63.59
63.58
63.57
63.56
63.55
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
−2000
−3000
Time (UTC)

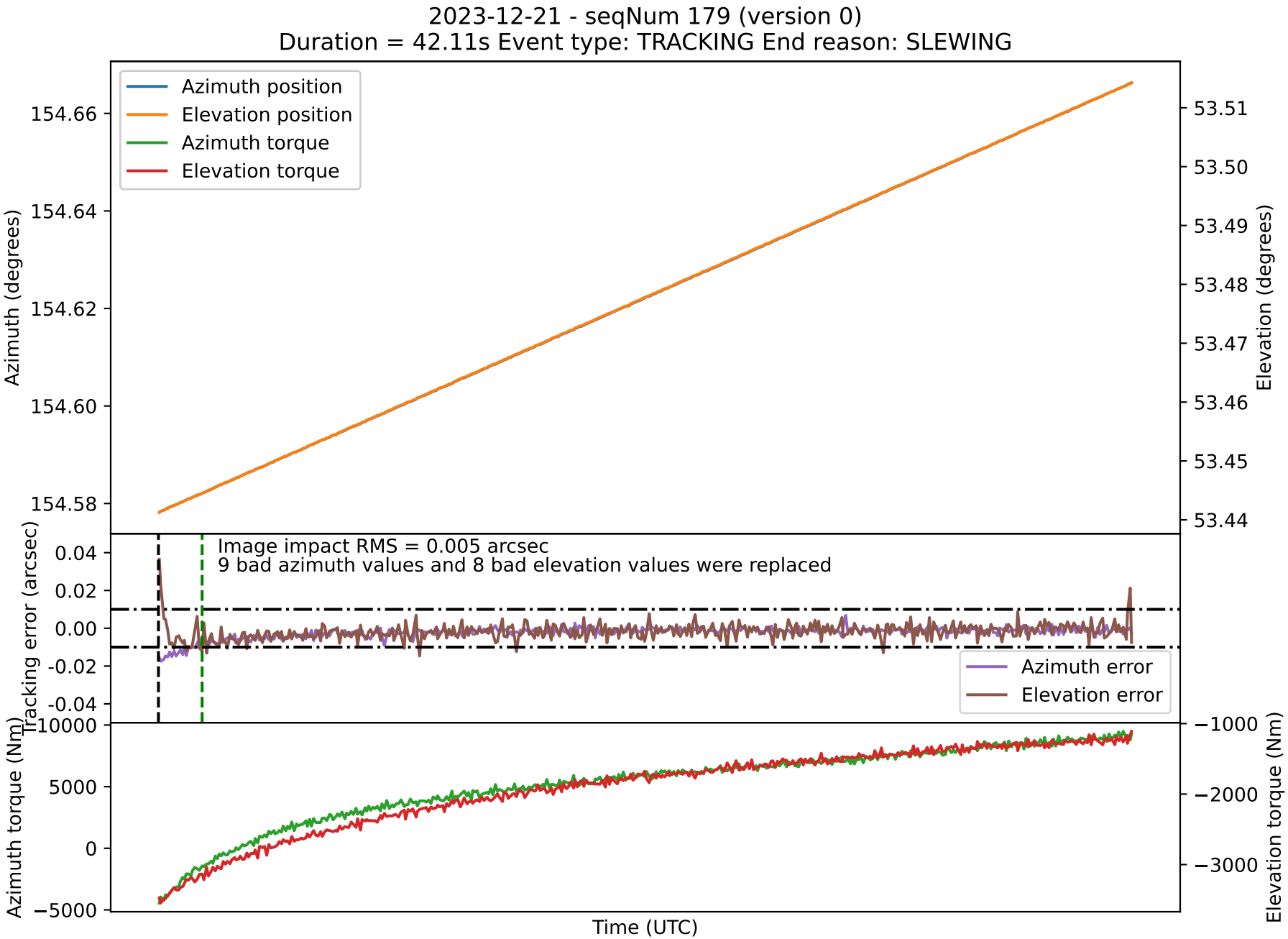

2023-12-21 - seqNum 169 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
159.35
159.32
159.30
159.28
159.25
159.23
159.20
159.18
64.07
64.06
64.05
64.04
64.03
64.02
64.01
Image impact RMS = 0.004 arcsec
14 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
−800
−900
−1000
−1100
Time (UTC)

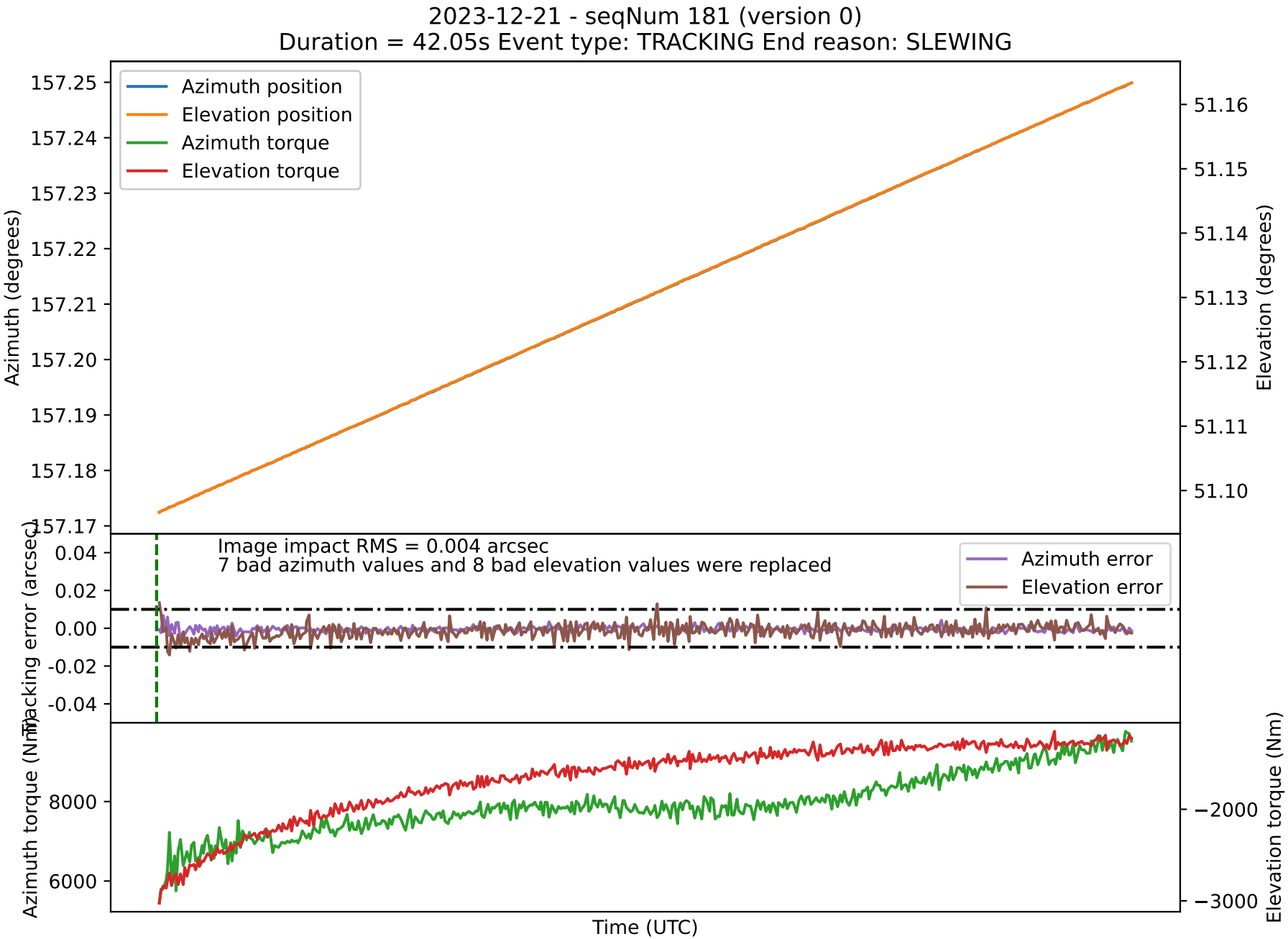

2023-12-21 - seqNum 171 (version 0)
Duration = 42.24s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
156.56
156.54
156.52
156.50
156.48
156.46
156.44
156.42
61.29
61.28
61.27
61.26
61.25
61.24
61.23
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
−2000
−3000
Time (UTC)

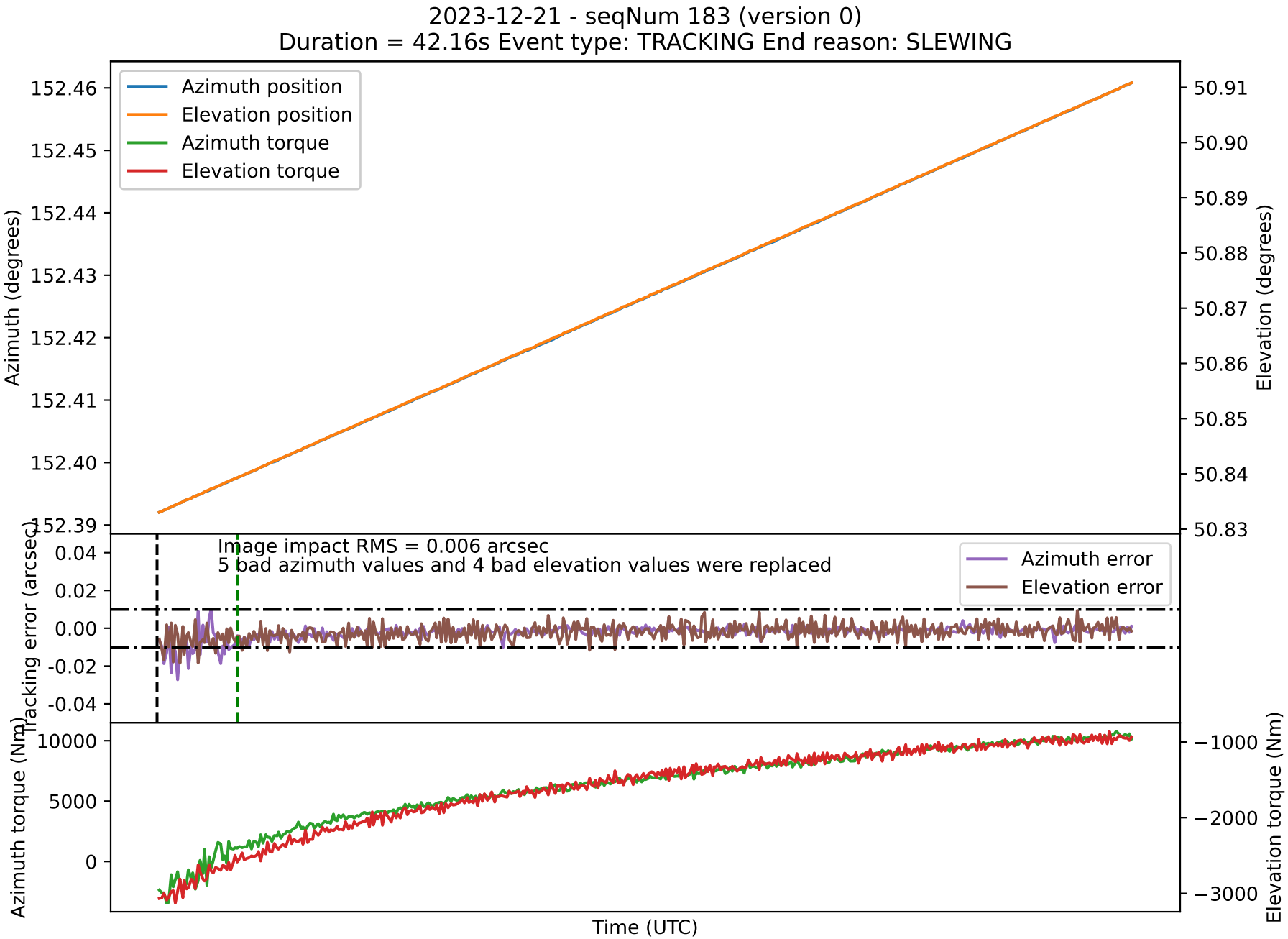

2023-12-21 - seqNum 173 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
159.68
159.66
159.64
159.62
159.60
159.58
159.56
58.80
58.79
58.78
58.77
58.76
58.75
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
11000
10000
9000
−1000
−2000
−3000
Time (UTC)

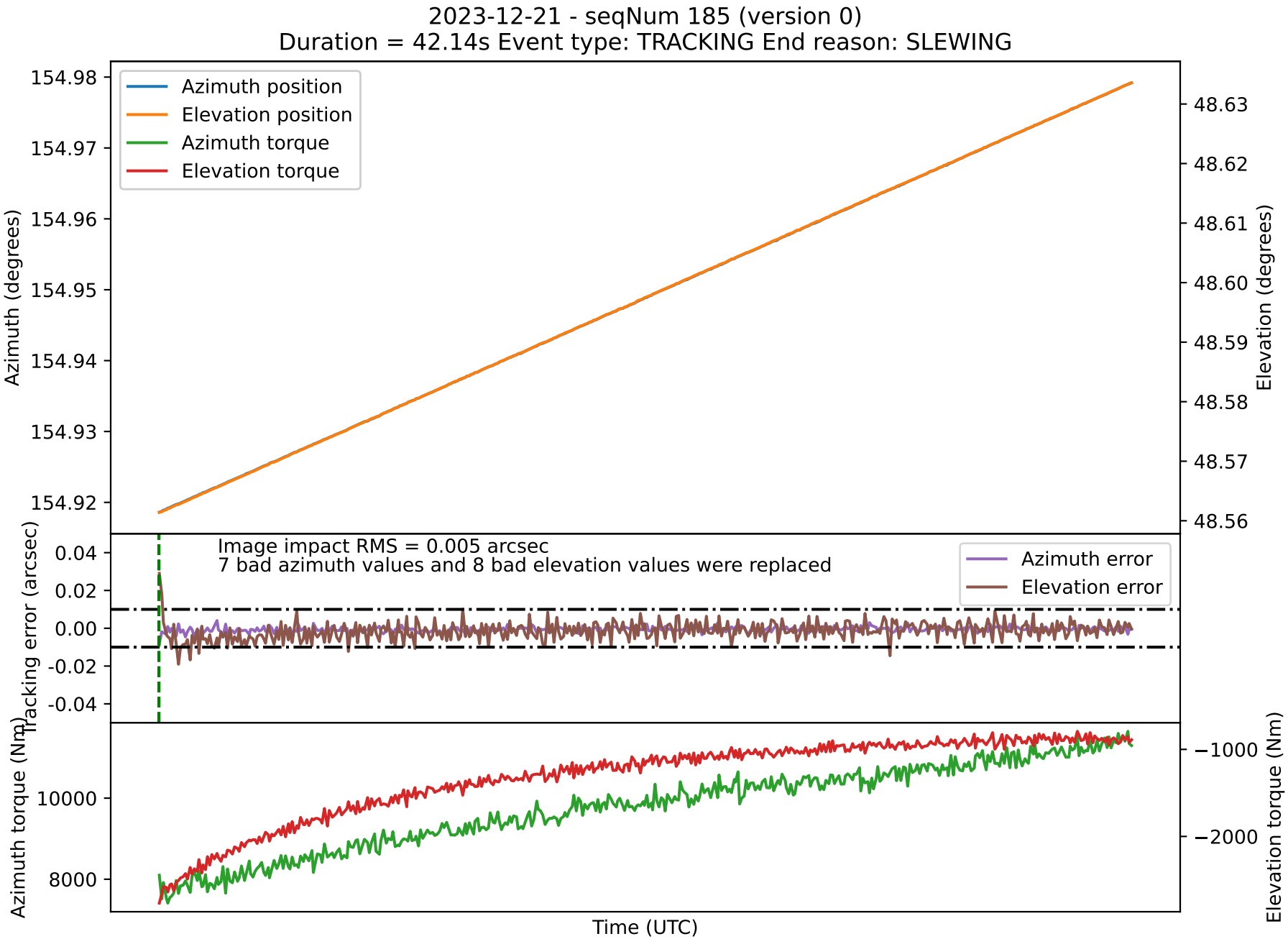

2023-12-21 - seqNum 175 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
154.16
154.14
154.12
154.10
154.08
154.06
154.04
58.59
58.58
58.57
58.56
58.55
58.54
58.53
58.52
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
0
−2000
−3000
Time (UTC)

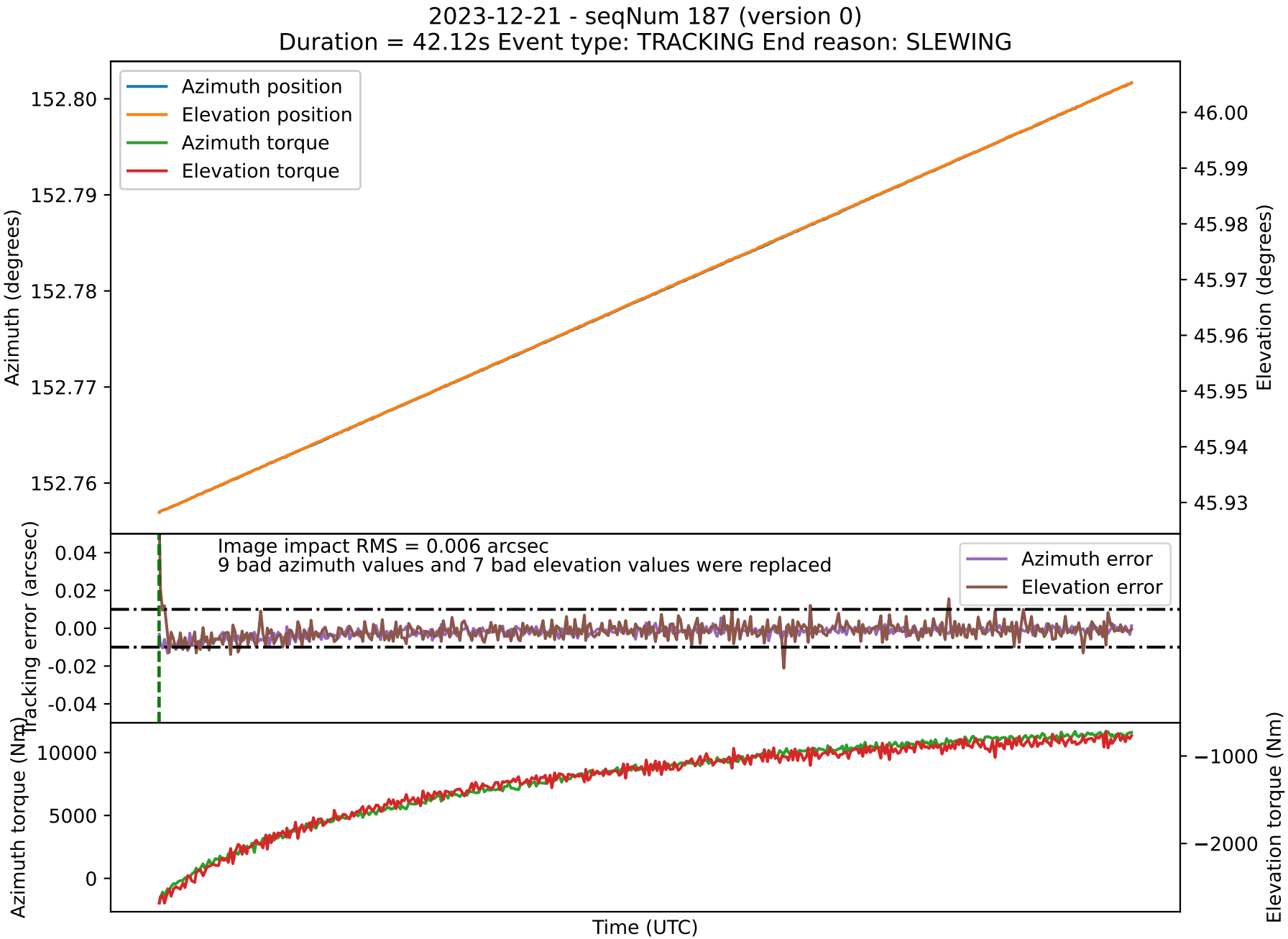

2023-12-21 - seqNum 177 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
157.14
157.12
157.10
157.08
157.06
157.04
56.20
56.19
56.18
56.17
56.16
56.15
56.14
56.13
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
8000
−2000
−3000
Time (UTC)

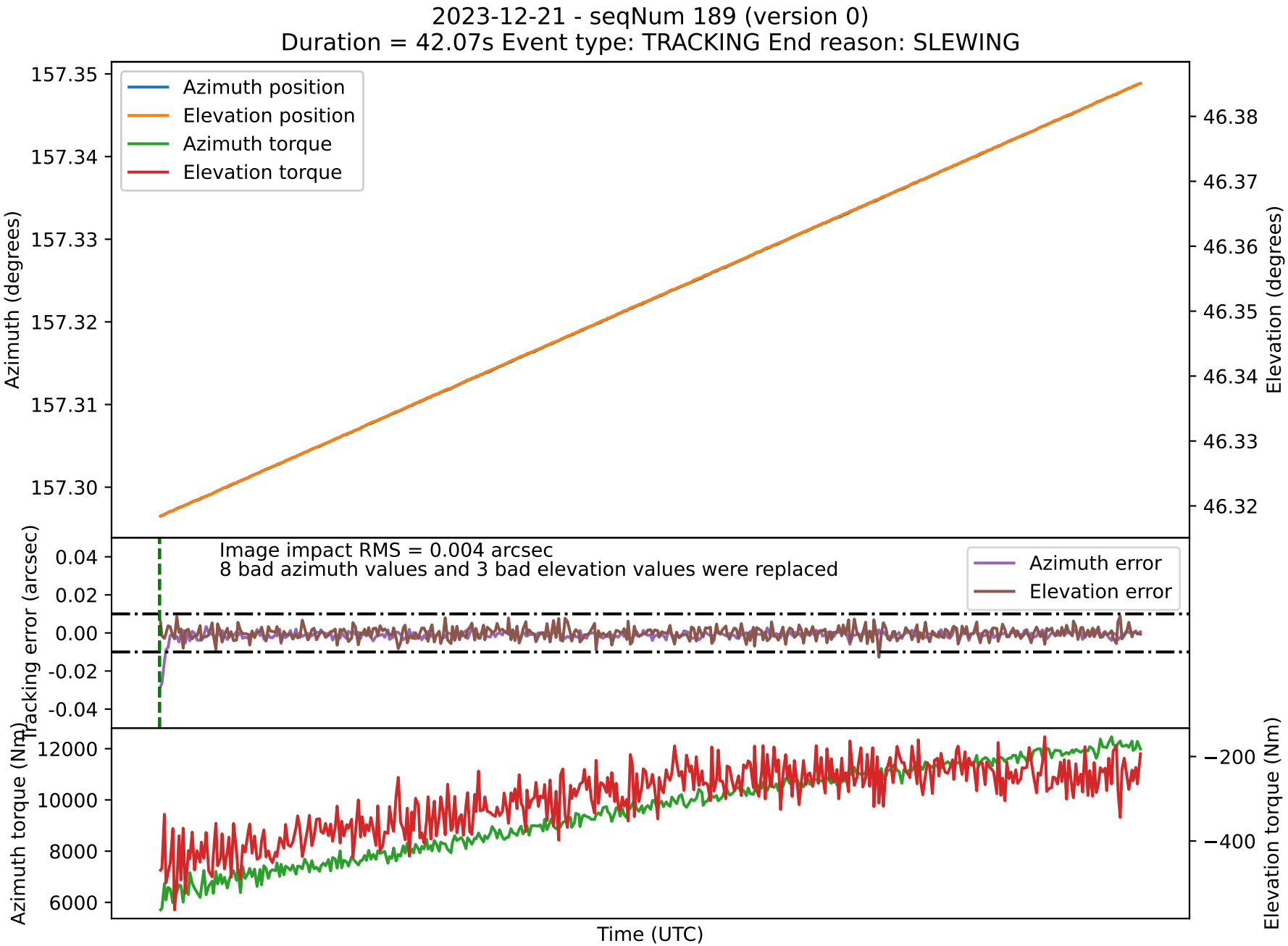

2023-12-21 - seqNum 179 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
154.66
154.64
154.62
154.60
154.58
53.51
53.50
53.49
53.48
53.47
53.46
53.45
53.44
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−1000
−2000
−3000
Time (UTC)

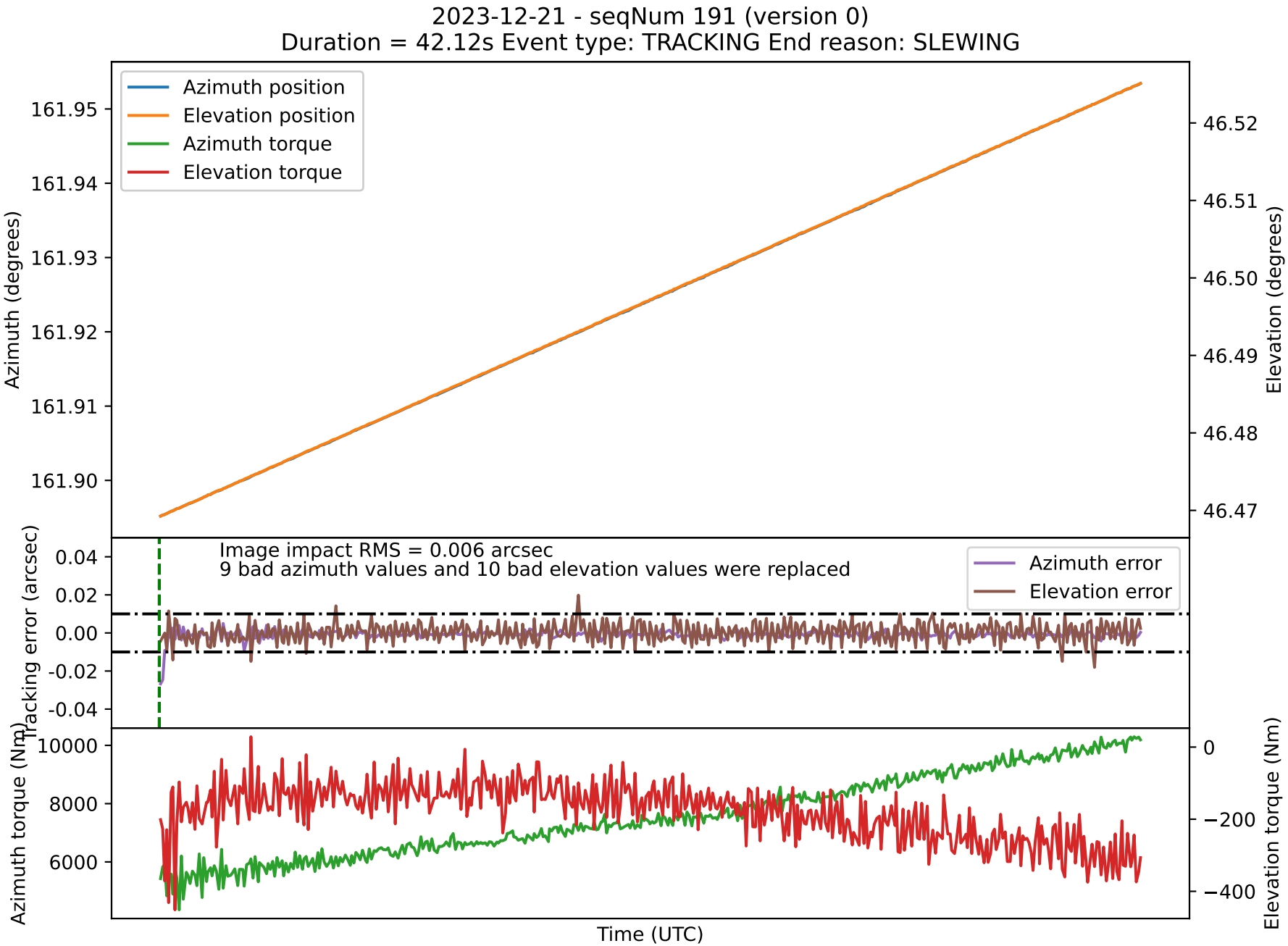

2023-12-21 - seqNum 181 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
157.25
157.24
157.23
157.22
157.21
157.20
157.19
157.18
157.17
51.16
51.15
51.14
51.13
51.12
51.11
51.10
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
−2000
−3000
Time (UTC)

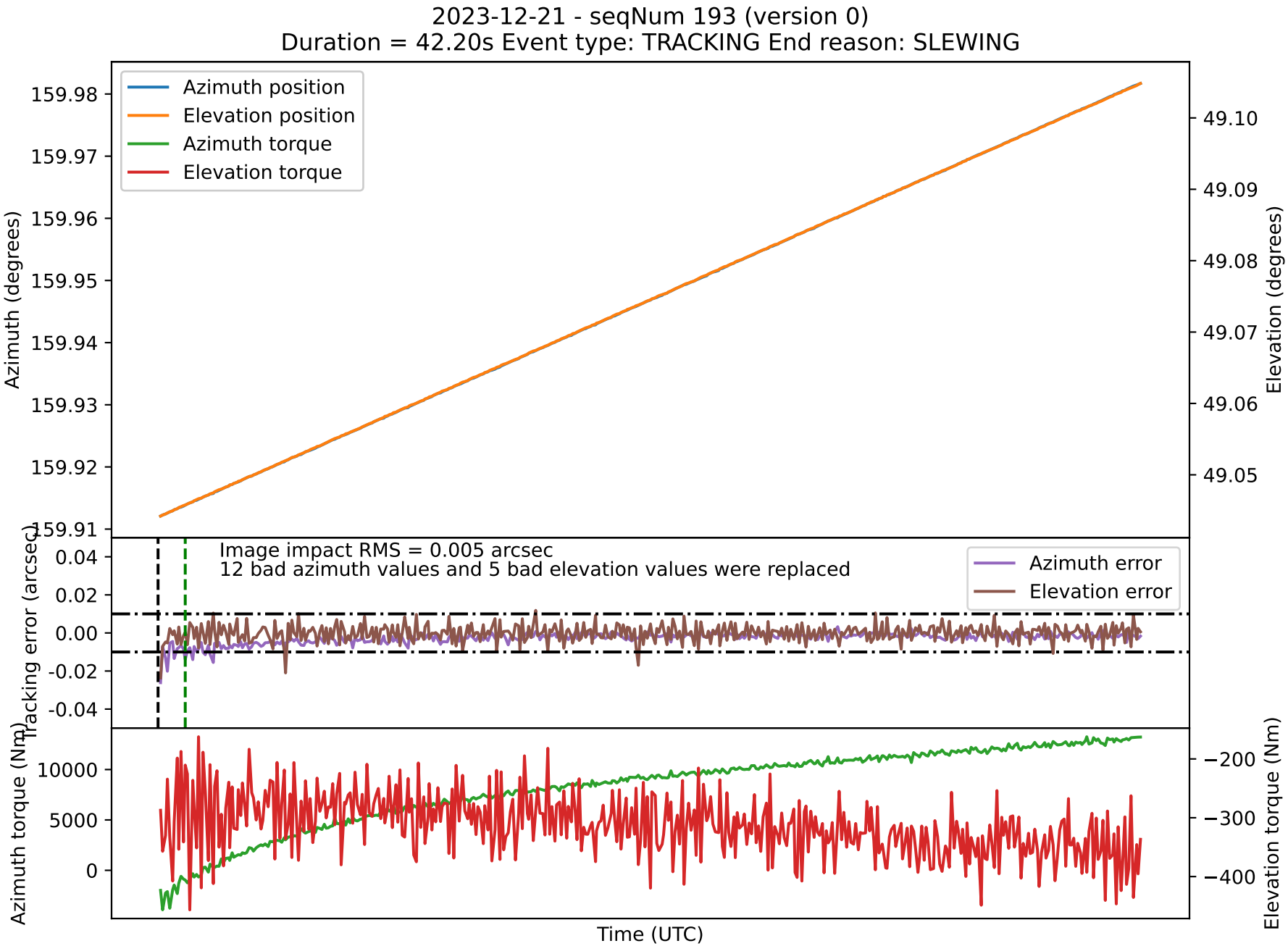

2023-12-21 - seqNum 183 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
152.46
152.45
152.44
152.43
152.42
152.41
152.40
152.39
50.91
50.90
50.89
50.88
50.87
50.86
50.85
50.84
50.83
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−1000
−2000
−3000
Time (UTC)

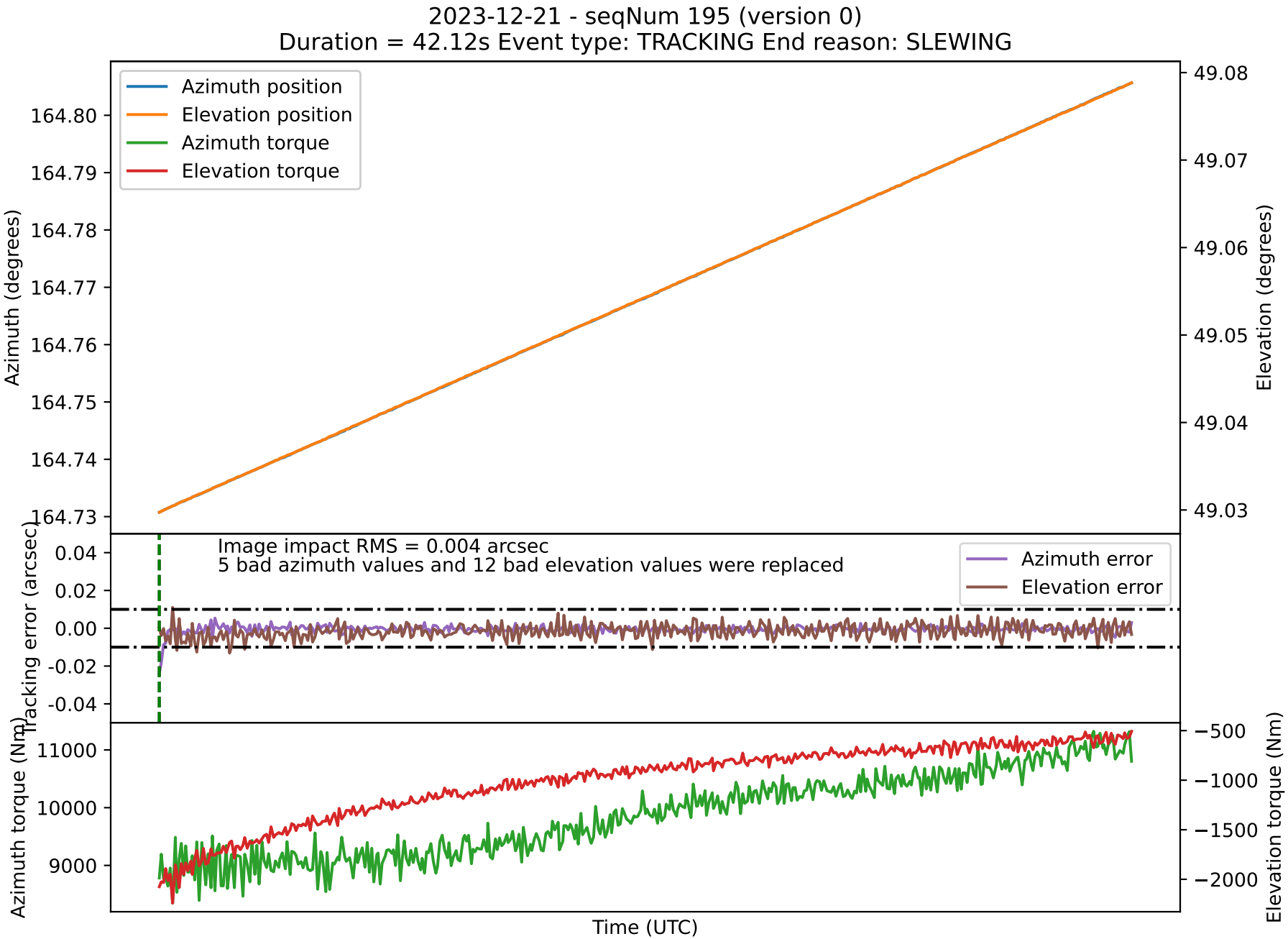

2023-12-21 - seqNum 185 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
154.98
154.97
154.96
154.95
154.94
154.93
154.92
48.63
48.62
48.61
48.60
48.59
48.58
48.57
48.56
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
−1000
−2000
Time (UTC)

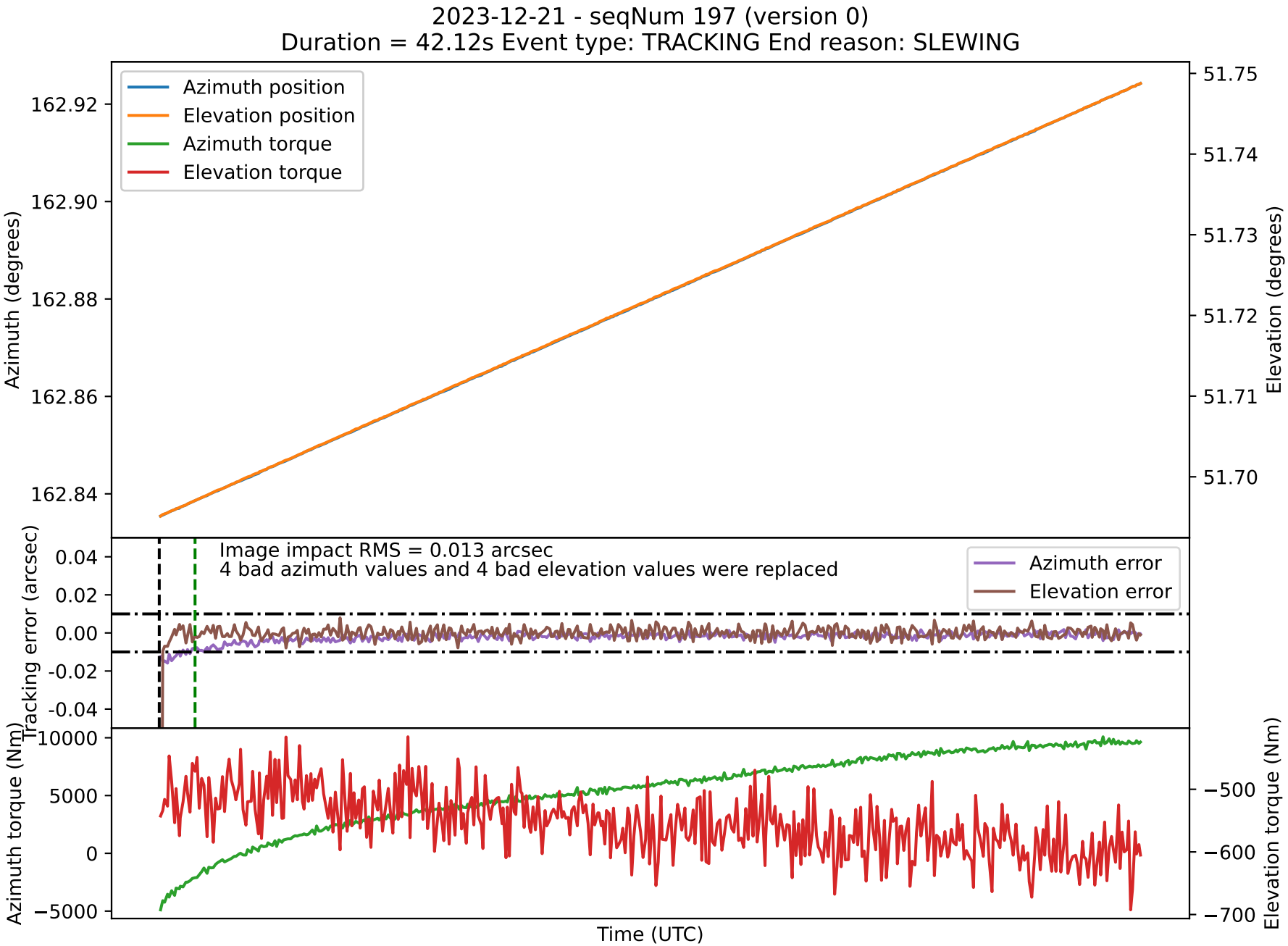

2023-12-21 - seqNum 187 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
152.80
152.79
152.78
152.77
152.76
46.00
45.99
45.98
45.97
45.96
45.95
45.94
45.93
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−1000
−2000
Time (UTC)

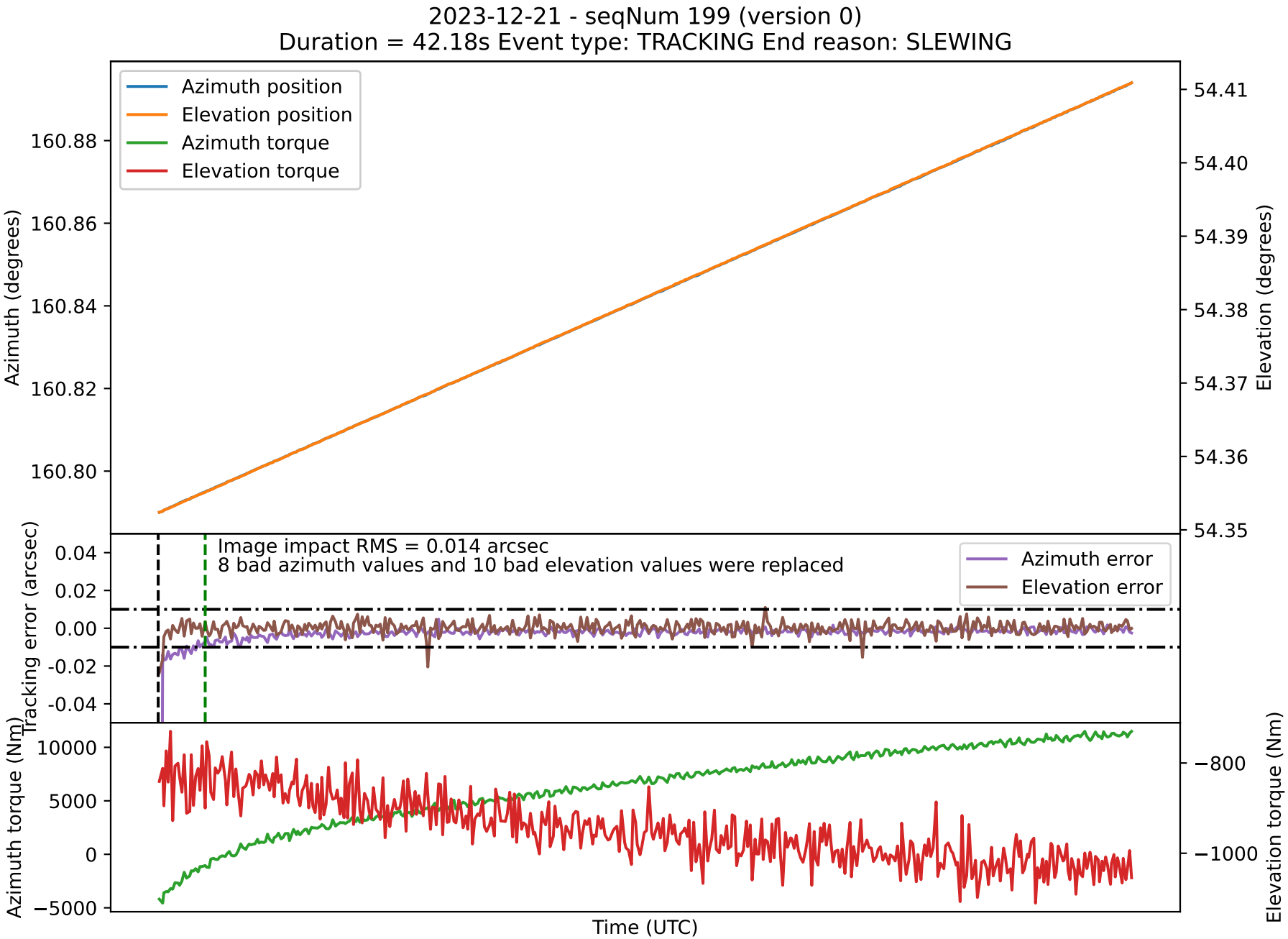

2023-12-21 - seqNum 189 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
157.35
157.34
157.33
157.32
157.31
157.30
46.38
46.37
46.36
46.35
46.34
46.33
46.32
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
8000
6000
−200
−400
Time (UTC)

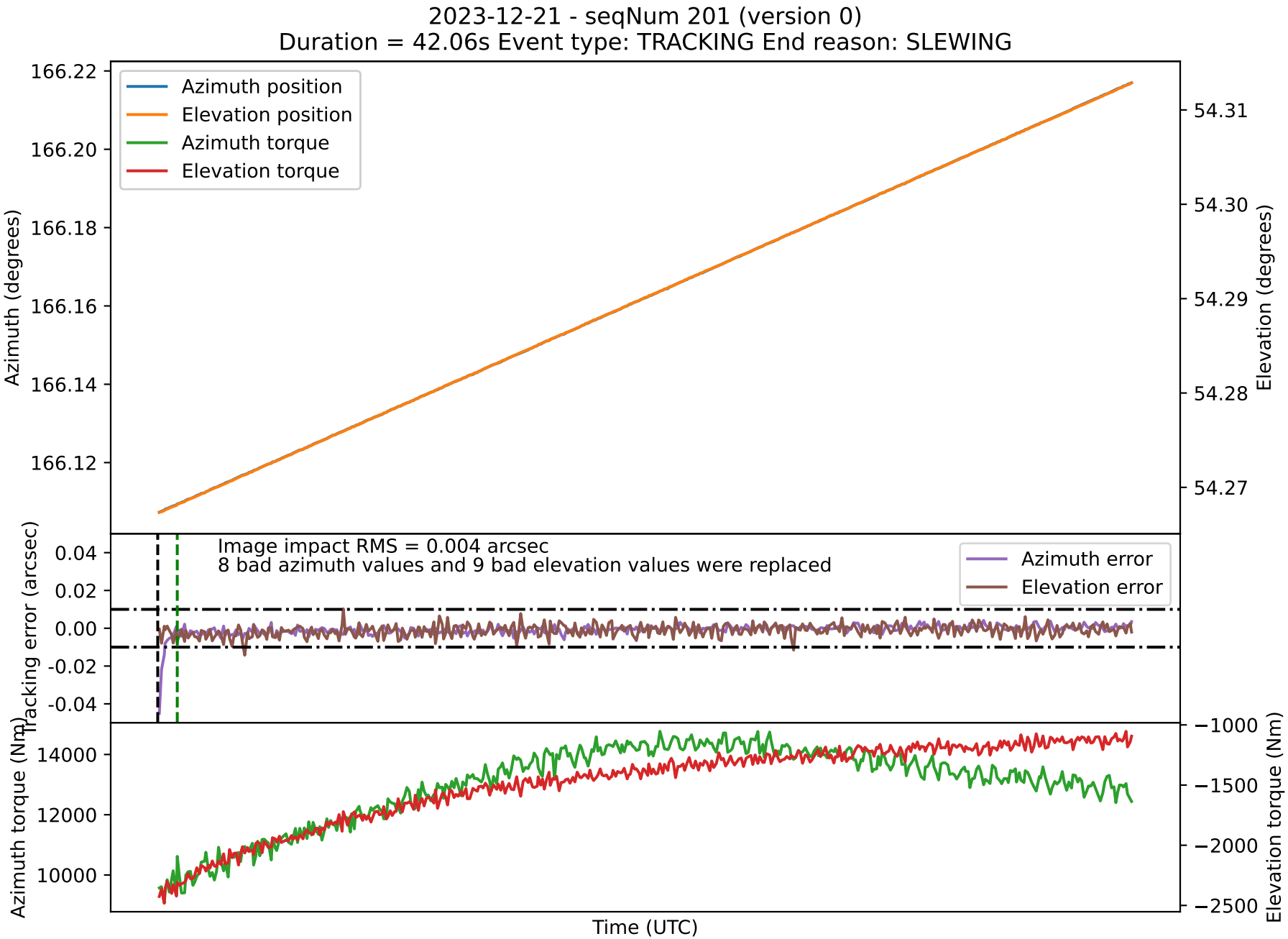

2023-12-21 - seqNum 191 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

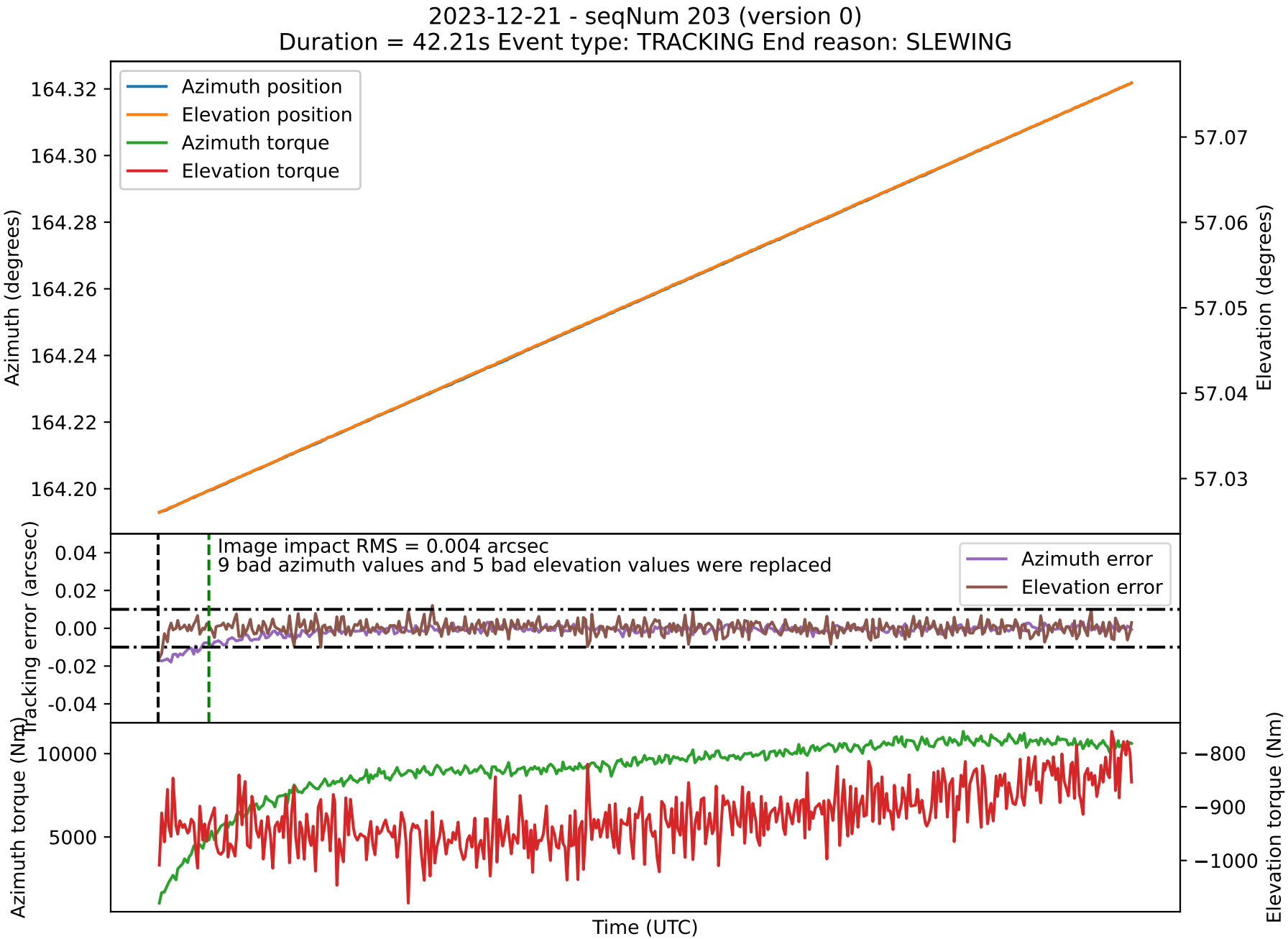

2023-12-21 - seqNum 193 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

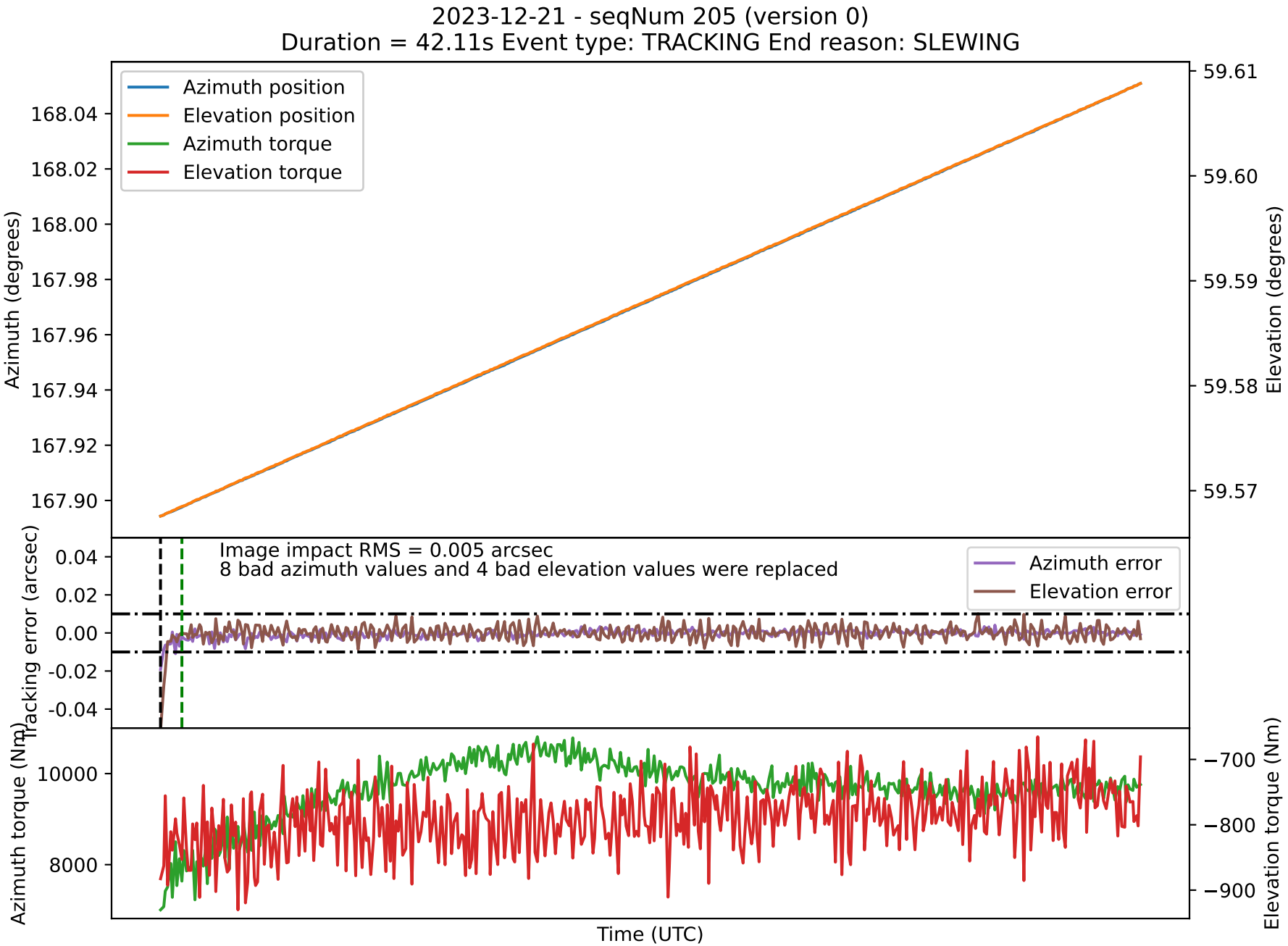

2023-12-21 - seqNum 195 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
164.80
164.79
164.78
164.77
164.76
164.75
164.74
164.73
49.08
49.07
49.06
49.05
49.04
49.03
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
11000
10000
9000
−500
−1000
−1500
−2000
Time (UTC)

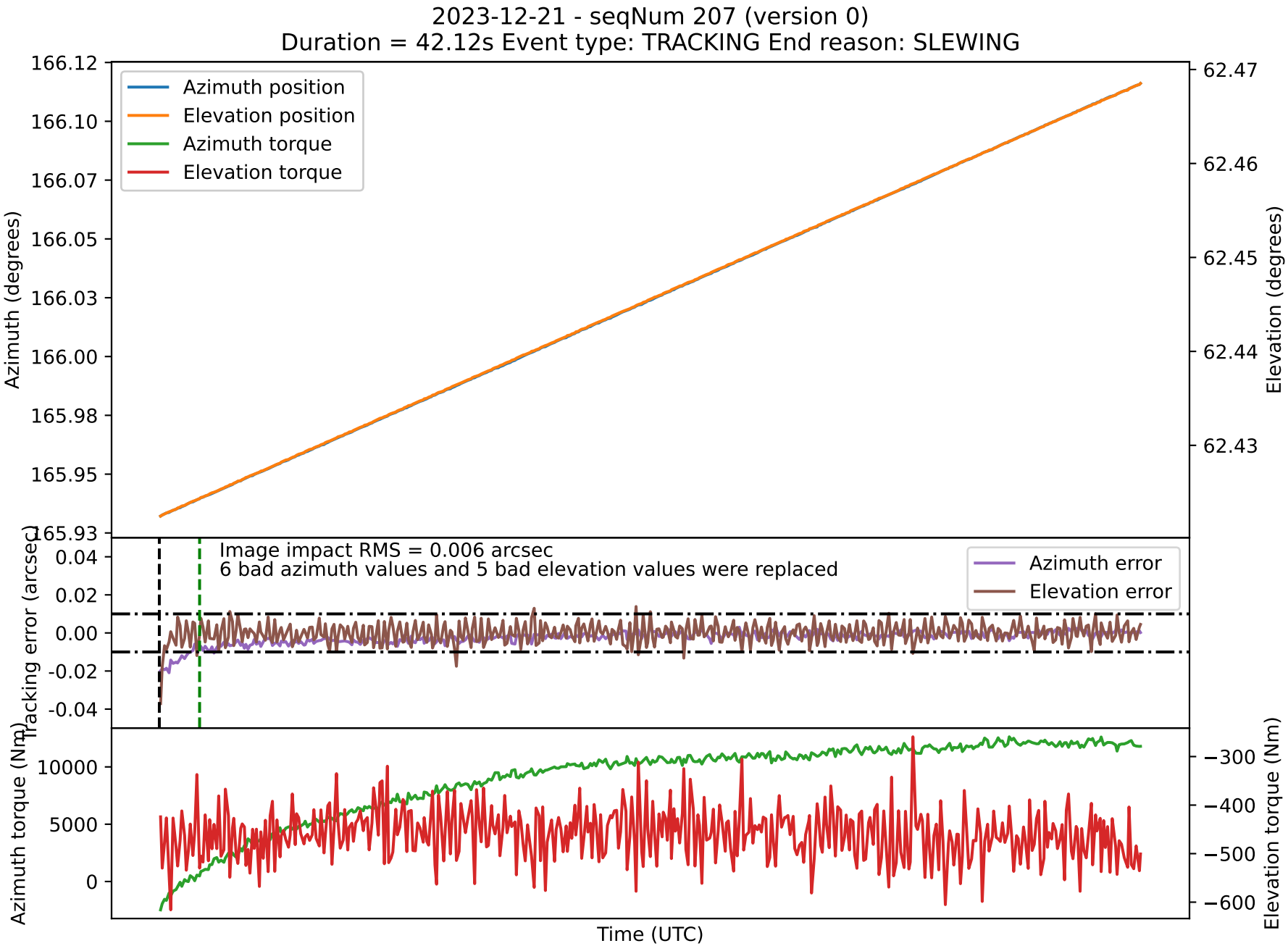

2023-12-21 - seqNum 197 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
162.92
162.90
162.88
162.86
162.84
51.75
51.74
51.73
51.72
51.71
51.70
Image impact RMS = 0.013 arcsec
4 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−500
−600
−700
Time (UTC)

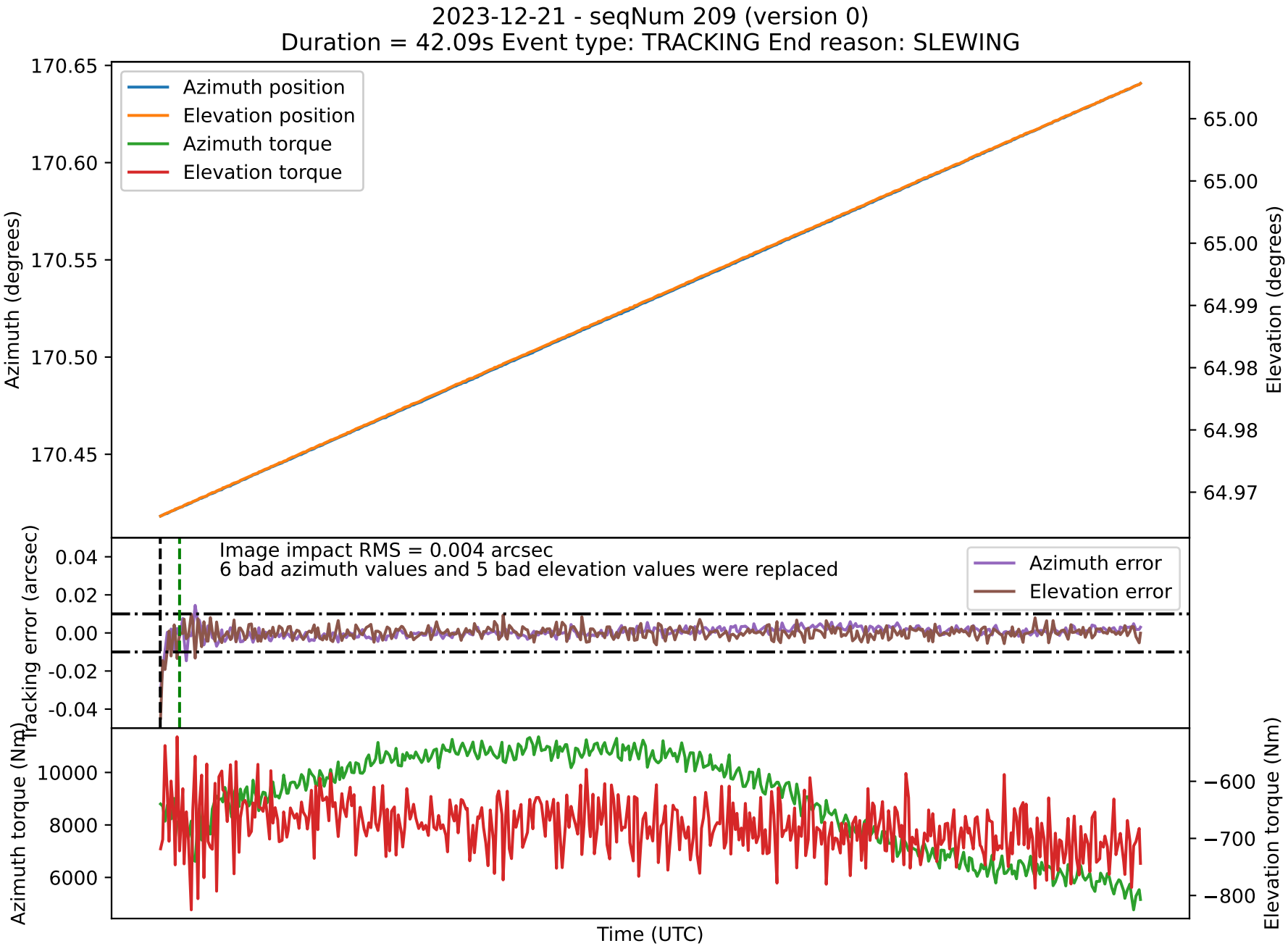

2023-12-21 - seqNum 199 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
160.88
160.86
160.84
160.82
160.80
54.41
54.40
54.39
54.38
54.37
54.36
54.35
Image impact RMS = 0.014 arcsec
8 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−800
−1000
Time (UTC)

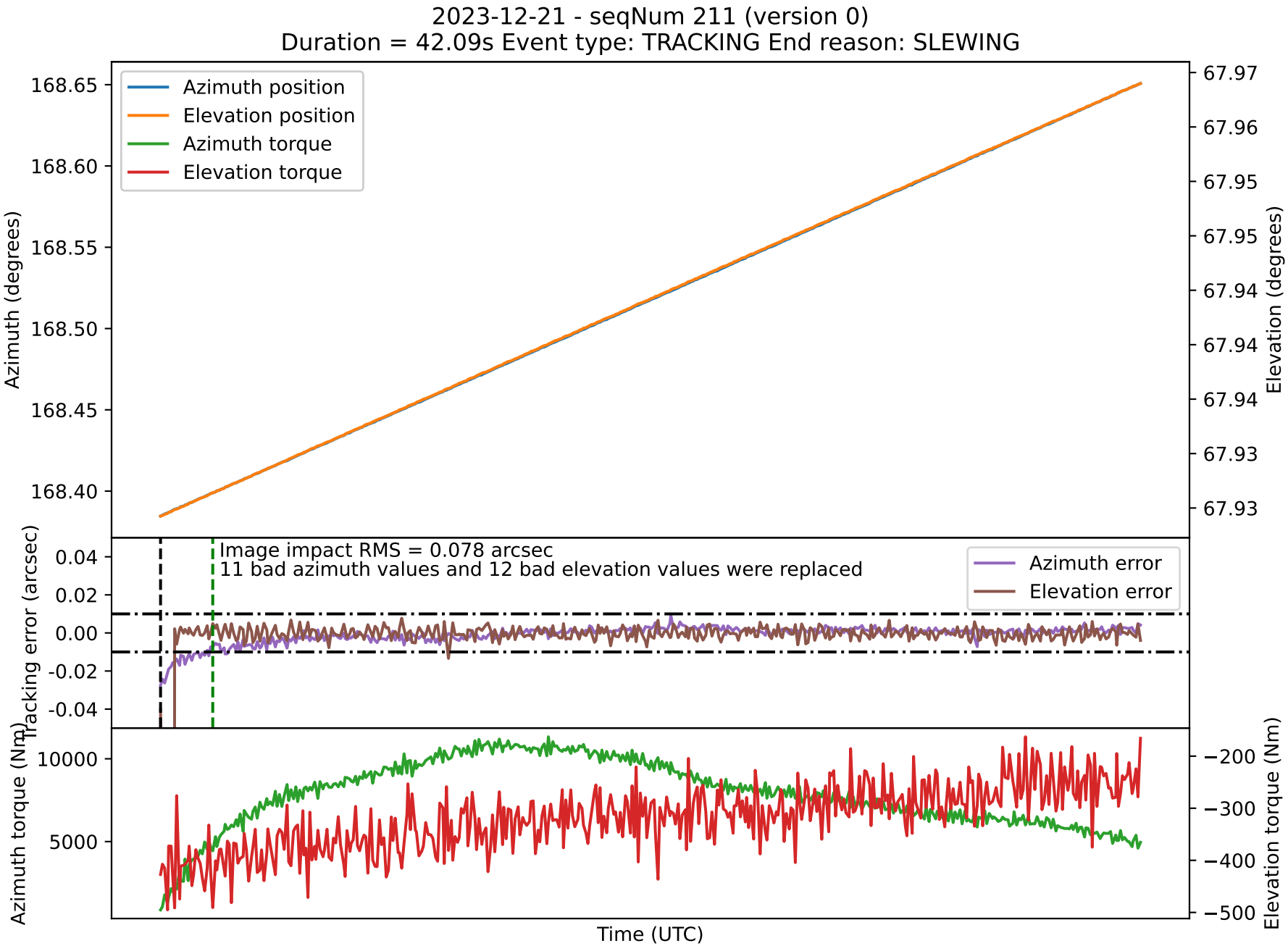

2023-12-21 - seqNum 201 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
166.22
166.20
166.18
166.16
166.14
166.12
54.31
54.30
54.29
54.28
54.27
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
14000
12000
10000
−1000
−1500
−2000
−2500
Time (UTC)

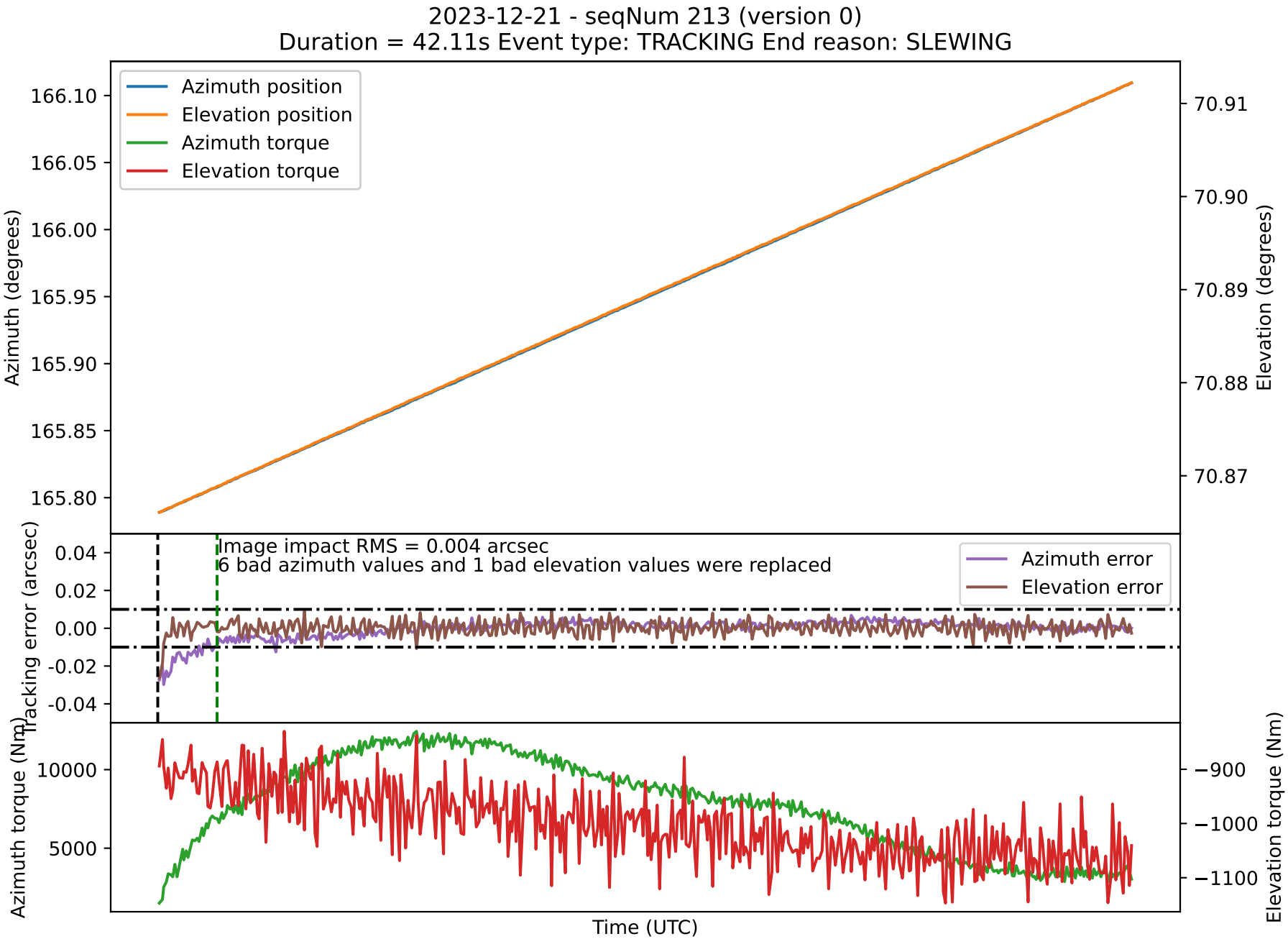

2023-12-21 - seqNum 203 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
164.32
164.30
164.28
164.26
164.24
164.22
164.20
57.07
57.06
57.05
57.04
57.03
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
−800
−900
−1000
Time (UTC)

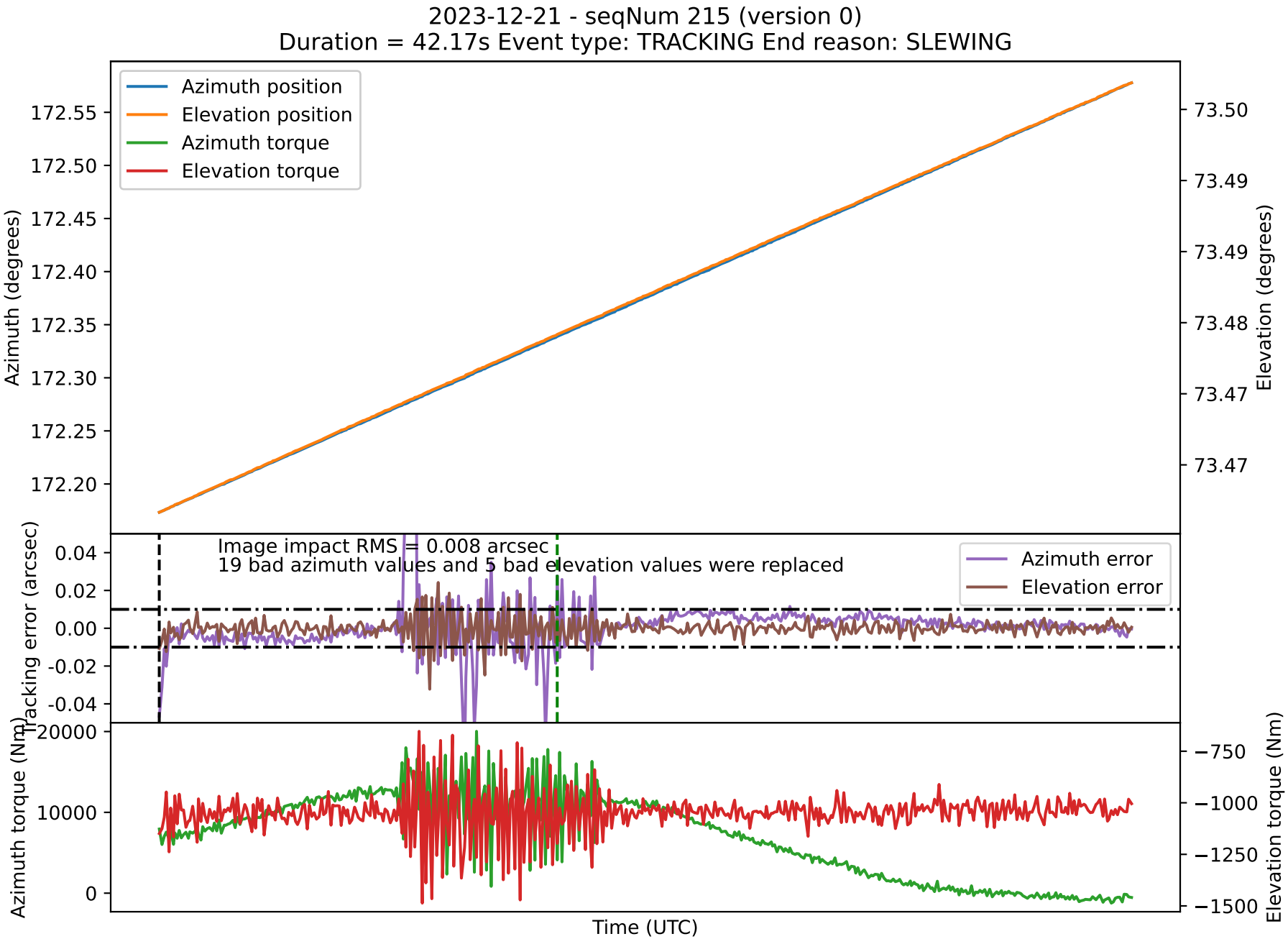

2023-12-21 - seqNum 205 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
168.04
168.02
168.00
167.98
167.96
167.94
167.92
167.90
59.61
59.60
59.59
59.58
59.57
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
−700
−800
−900
Time (UTC)

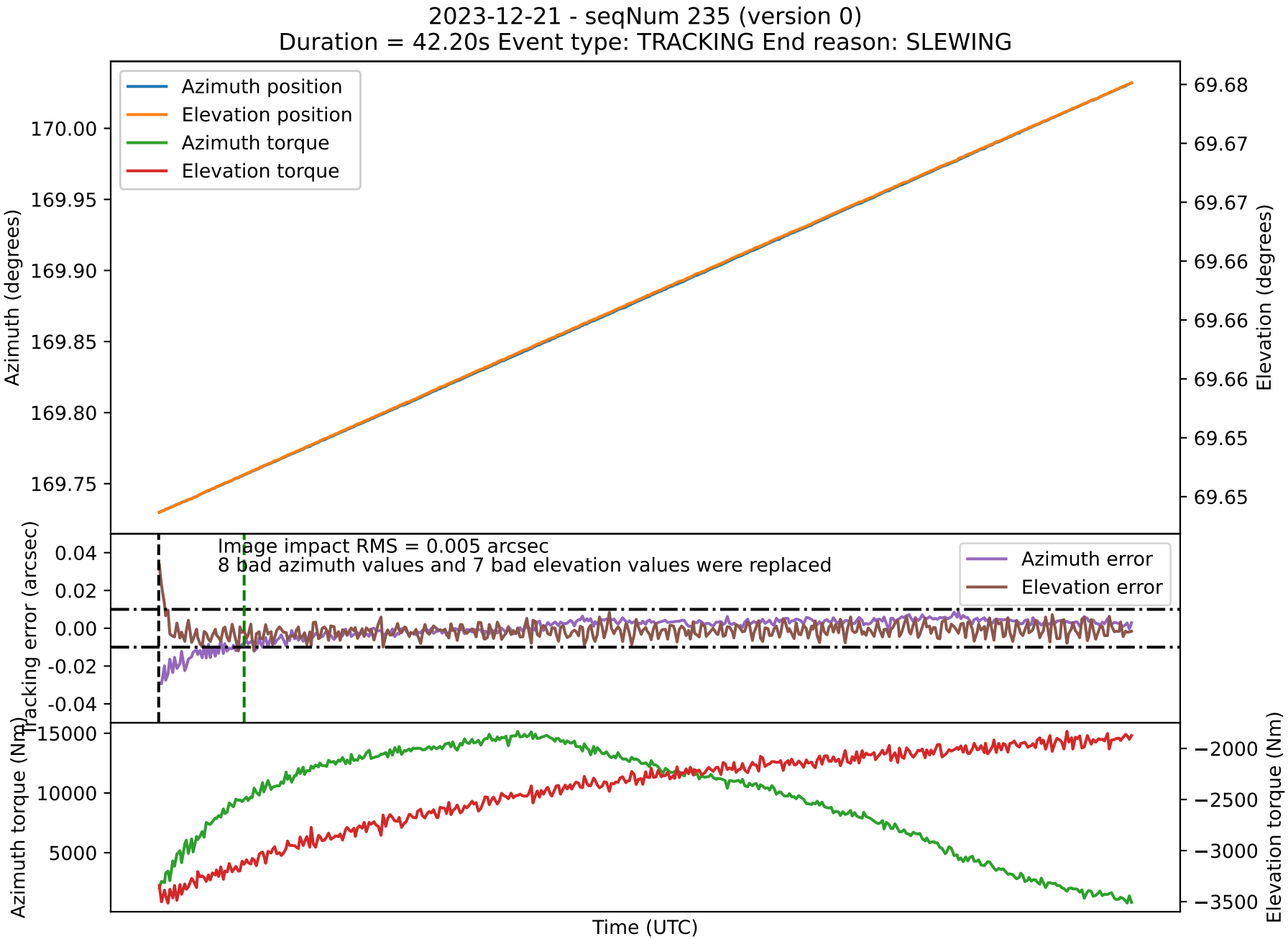

2023-12-21 - seqNum 207 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
166.12
166.10
166.07
166.05
166.03
166.00
165.98
165.95
165.93
62.47
62.46
62.45
62.44
62.43
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−300
−400
−500
−600
Time (UTC)

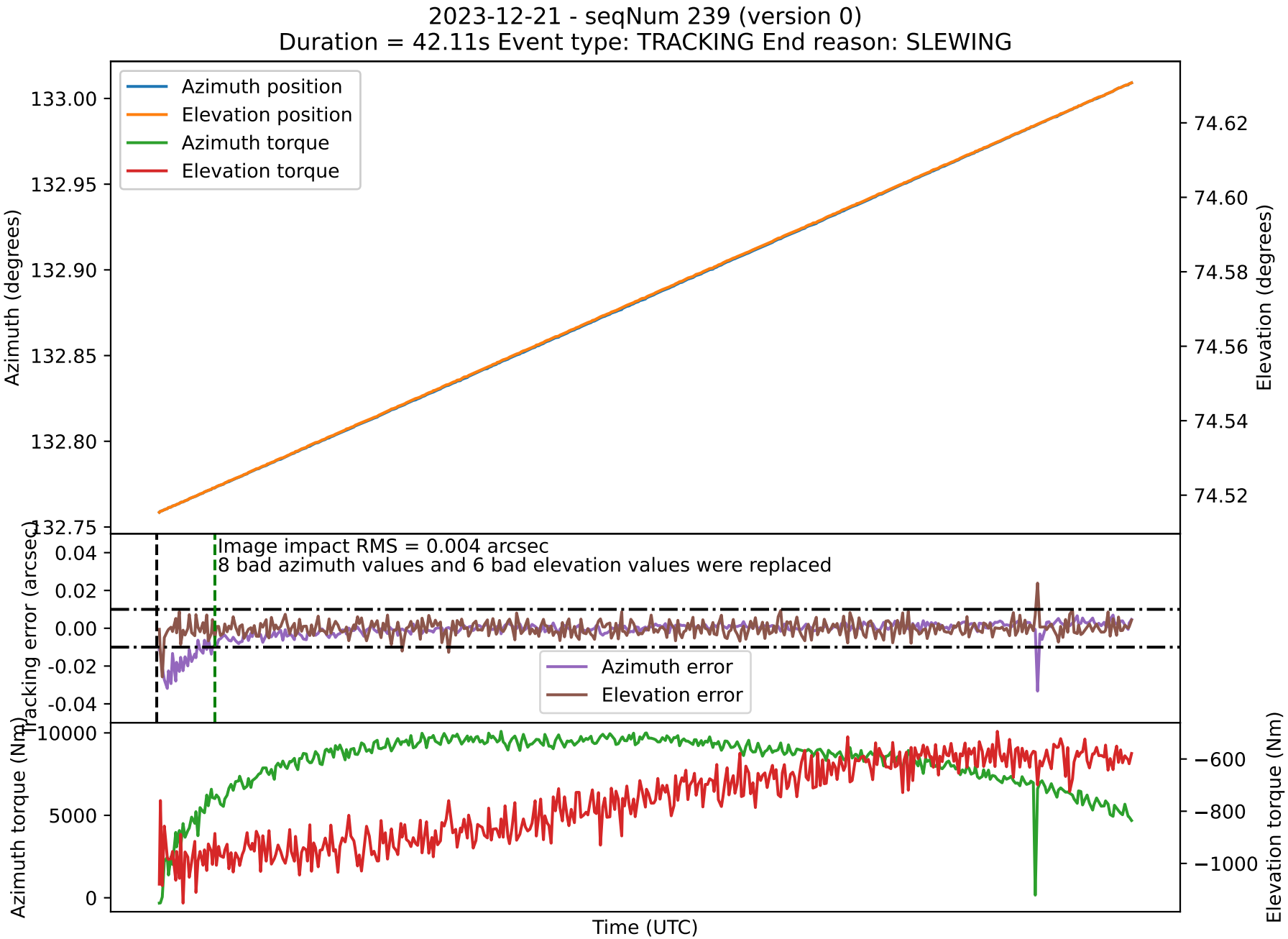

2023-12-21 - seqNum 209 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
170.65
170.60
170.55
170.50
170.45
65.00
65.00
65.00
64.99
64.98
64.98
64.97
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−600
−700
−800
Time (UTC)

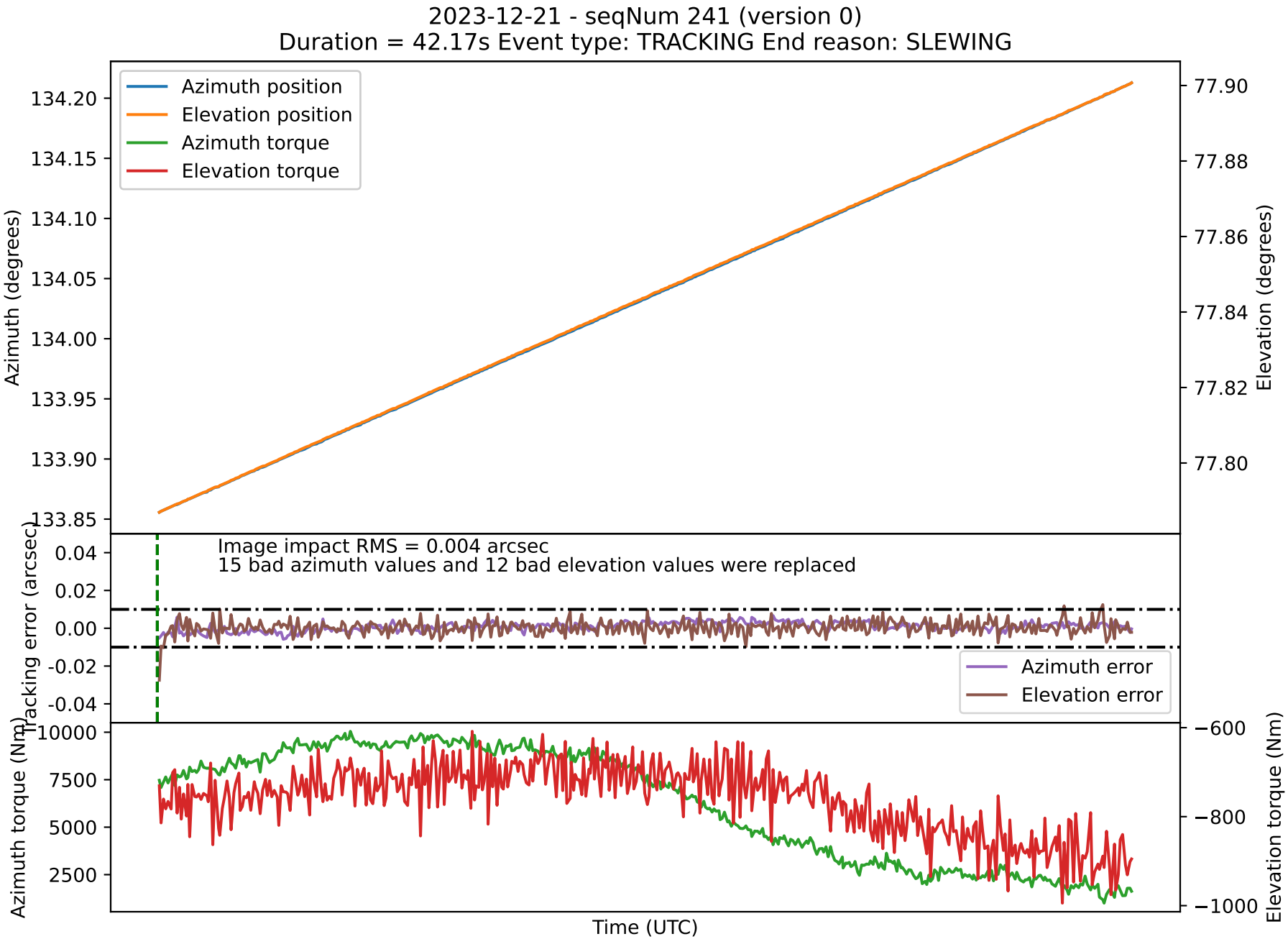

2023-12-21 - seqNum 211 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
168.65
168.60
168.55
168.50
168.45
168.40
67.97
67.96
67.95
67.95
67.94
67.94
67.94
67.93
67.93
Image impact RMS = 0.078 arcsec
11 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
−200
−300
−400
−500
Time (UTC)

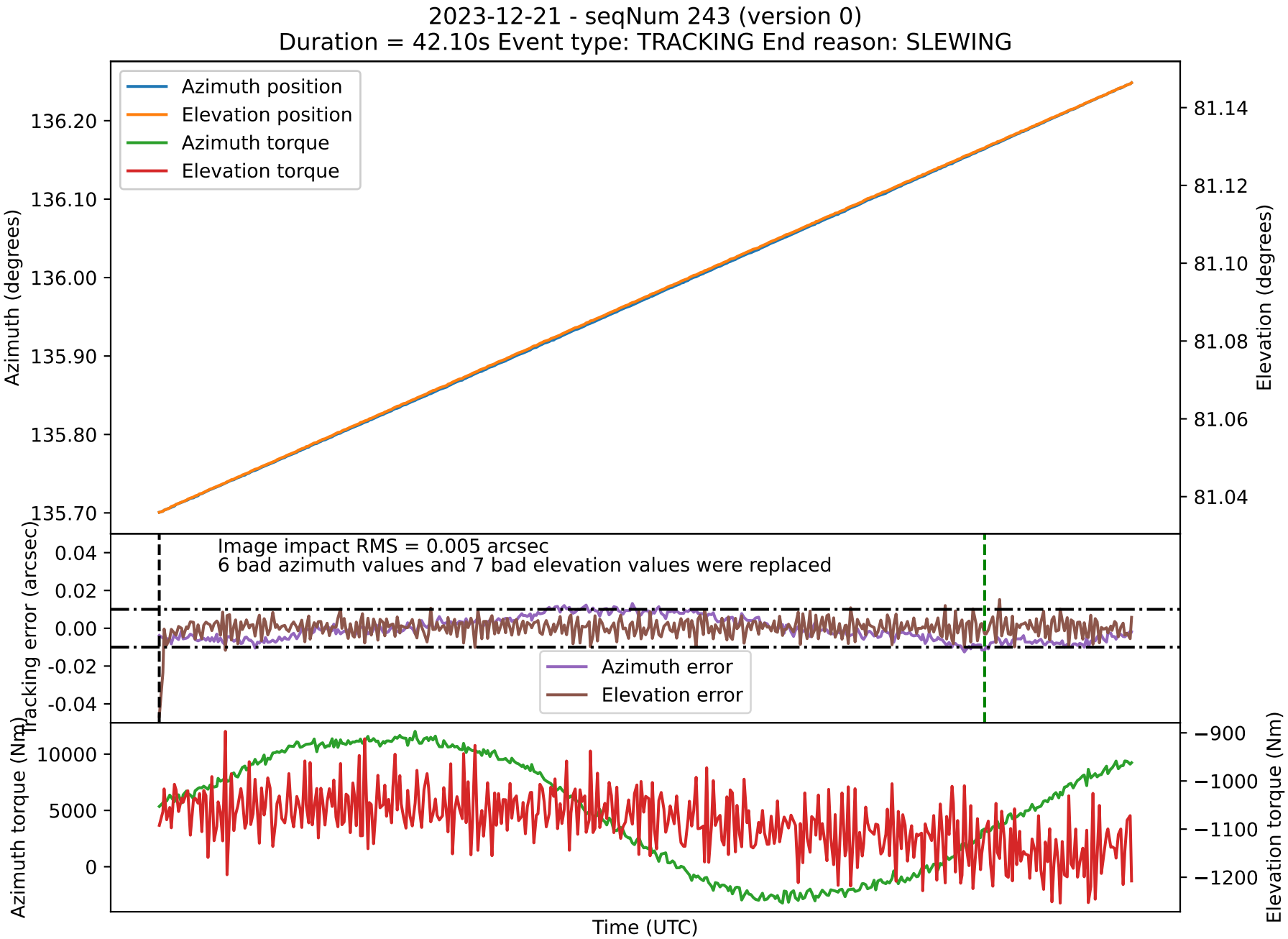

2023-12-21 - seqNum 213 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
166.10
166.05
166.00
165.95
165.90
165.85
165.80
70.91
70.90
70.89
70.88
70.87
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 1 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
−900
−1000
−1100
Time (UTC)

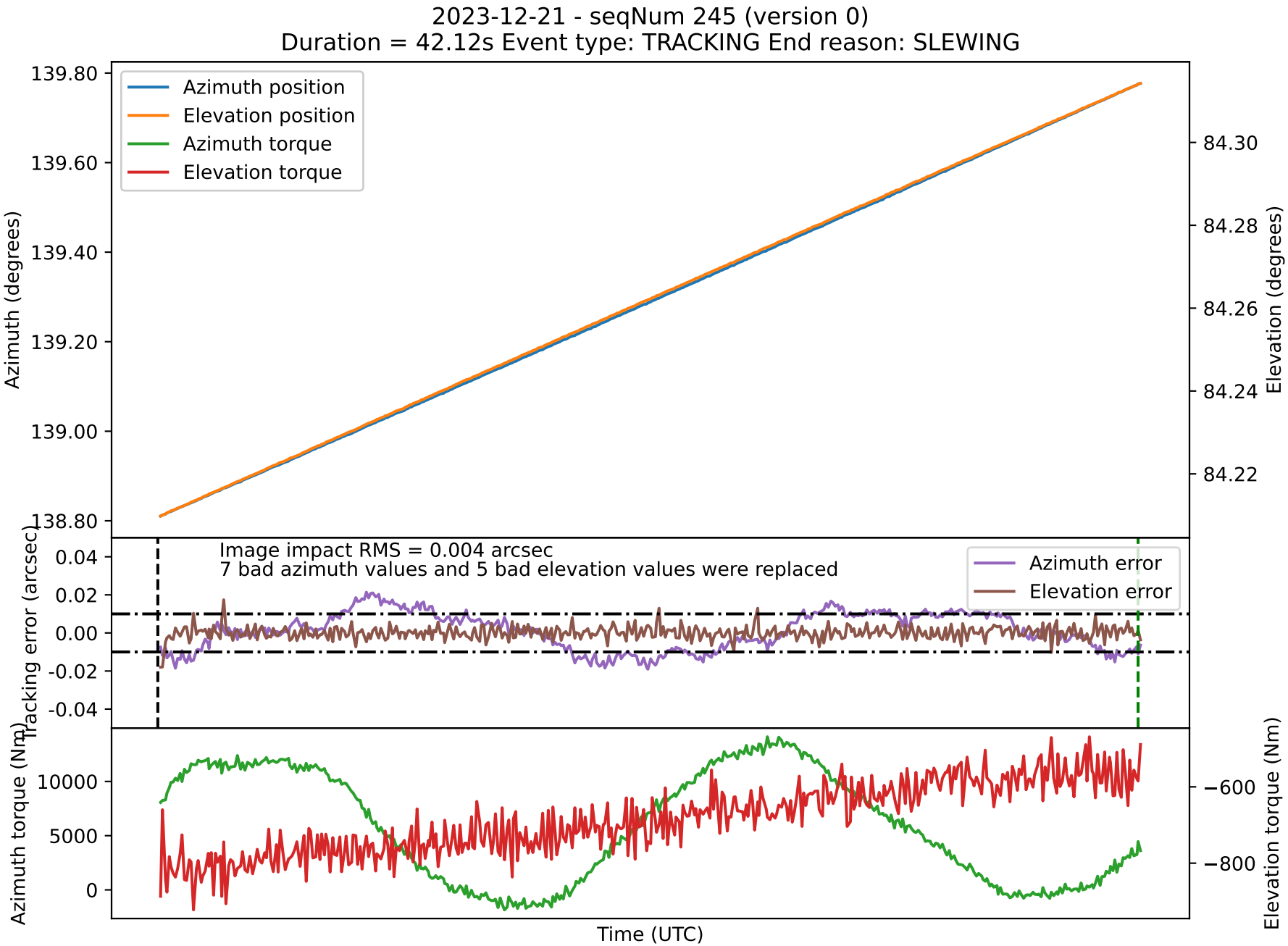

2023-12-21 - seqNum 215 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.008 arcsec
19 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

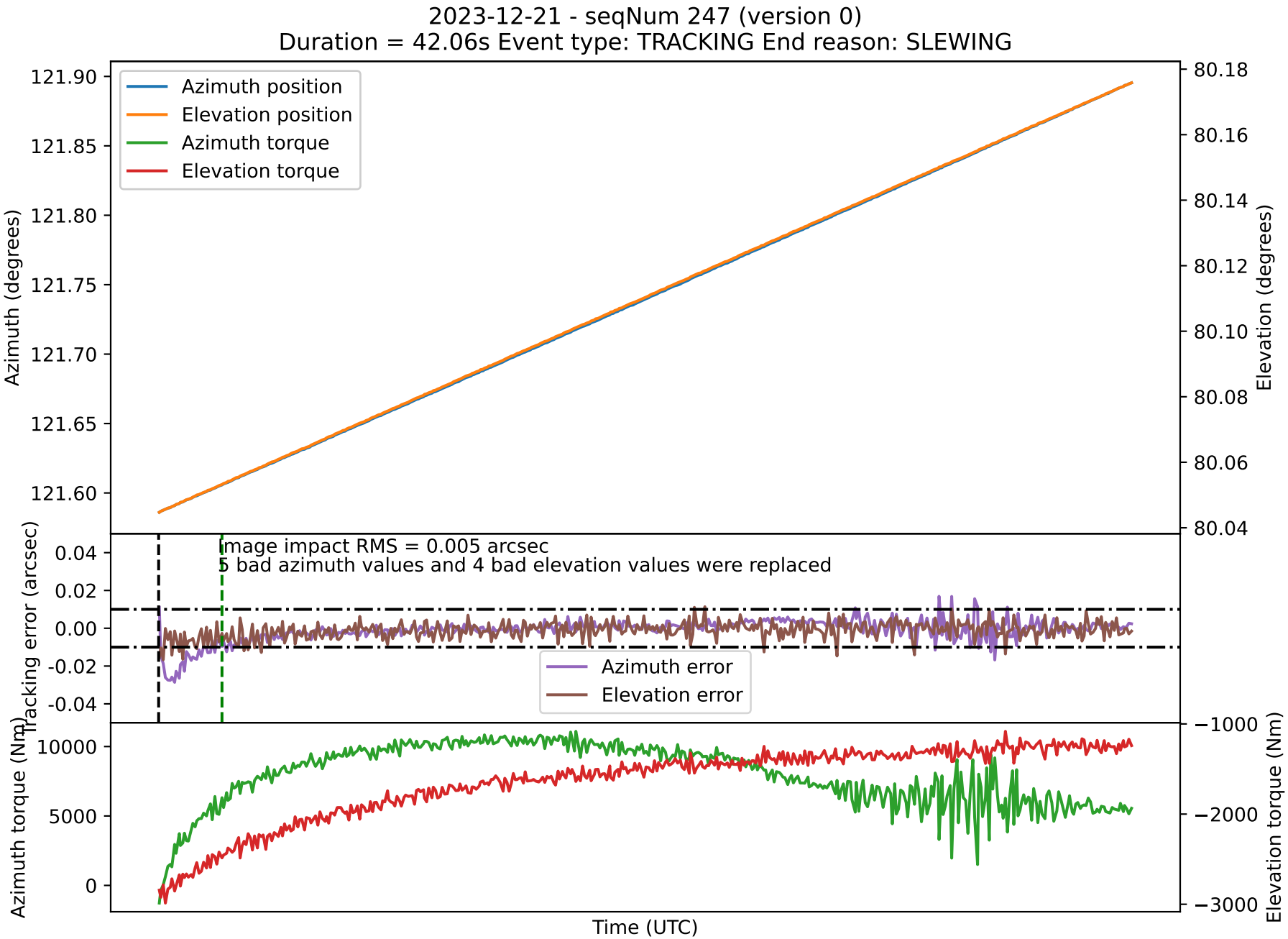

2023-12-21 - seqNum 235 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

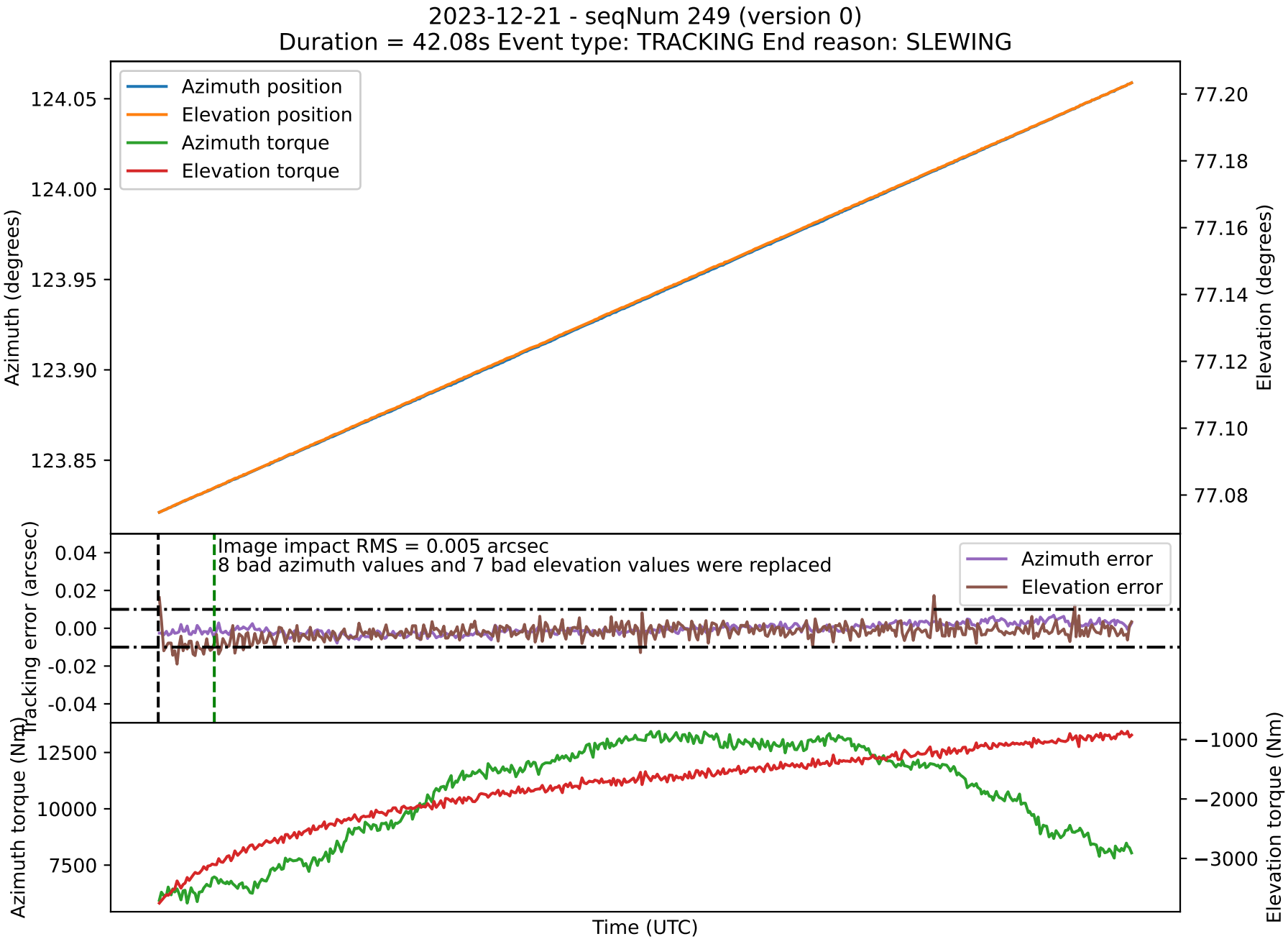

2023-12-21 - seqNum 239 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
133.00
132.95
132.90
132.85
132.80
132.75
74.62
74.60
74.58
74.56
74.54
74.52
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−600
−800
−1000
Time (UTC)

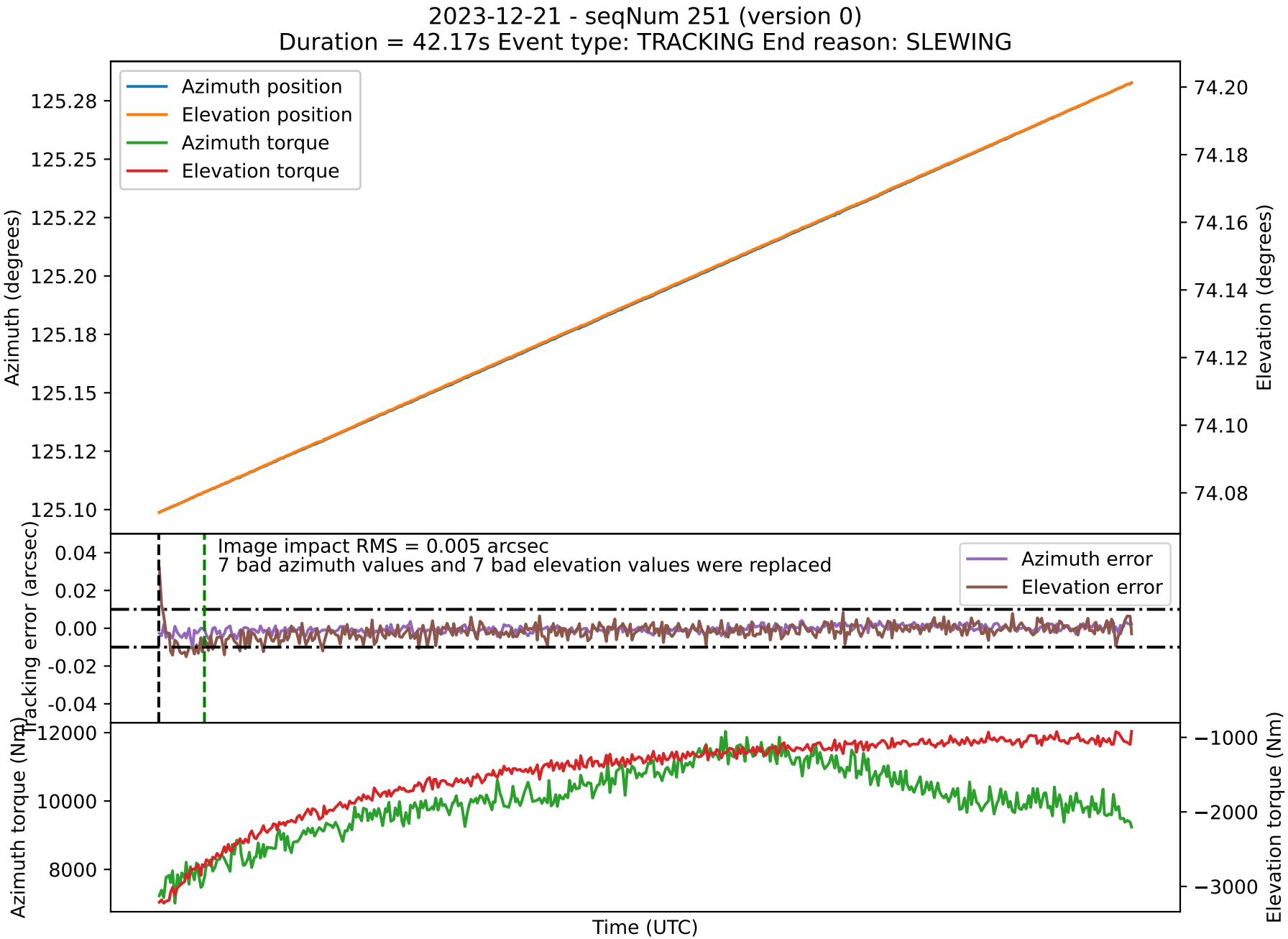

2023-12-21 - seqNum 241 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
15 bad azimuth values and 12 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

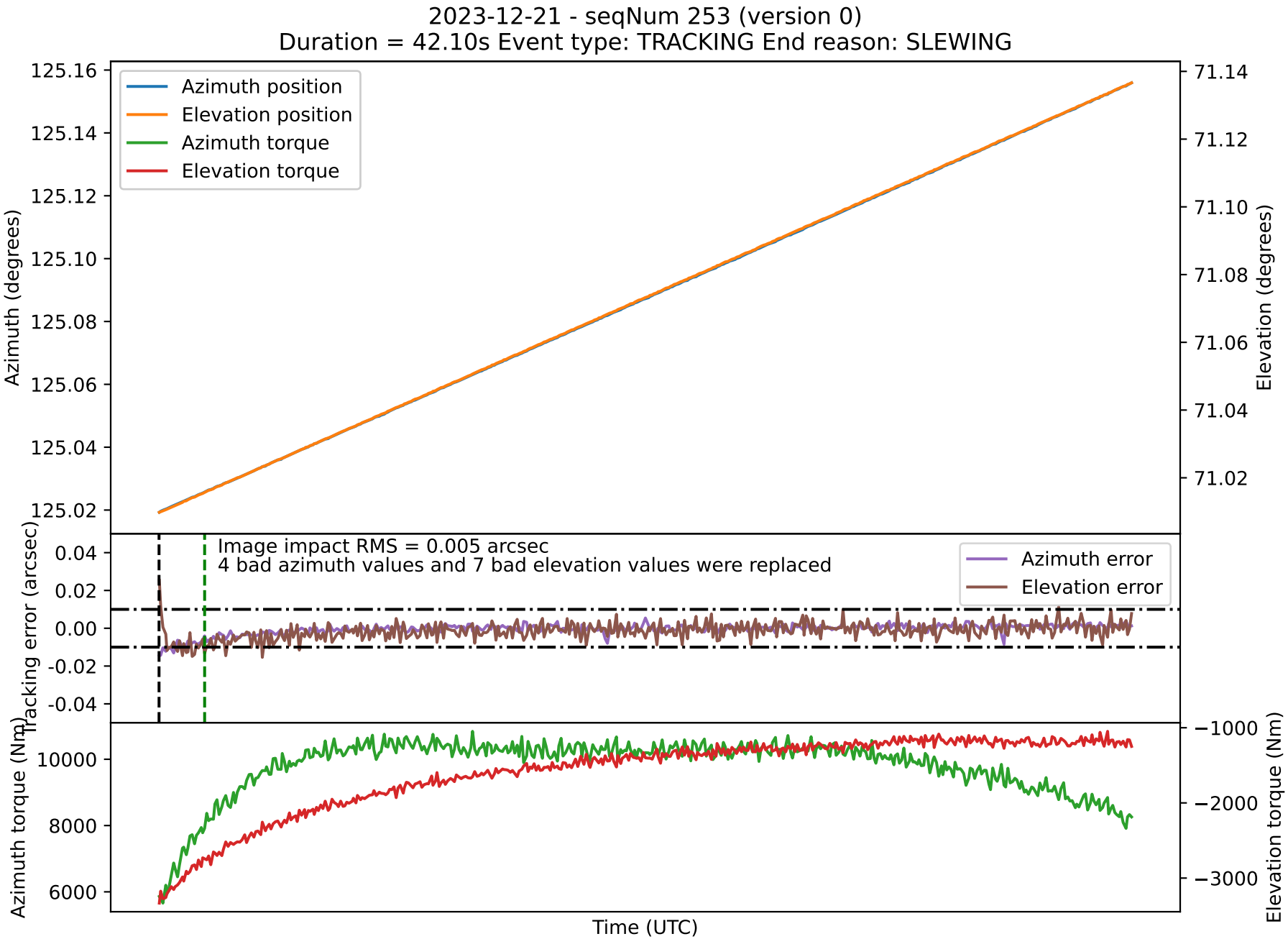

2023-12-21 - seqNum 243 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
136.20
136.10
136.00
135.90
135.80
135.70
81.14
81.12
81.10
81.08
81.06
81.04
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−900
−1000
−1100
−1200
Time (UTC)

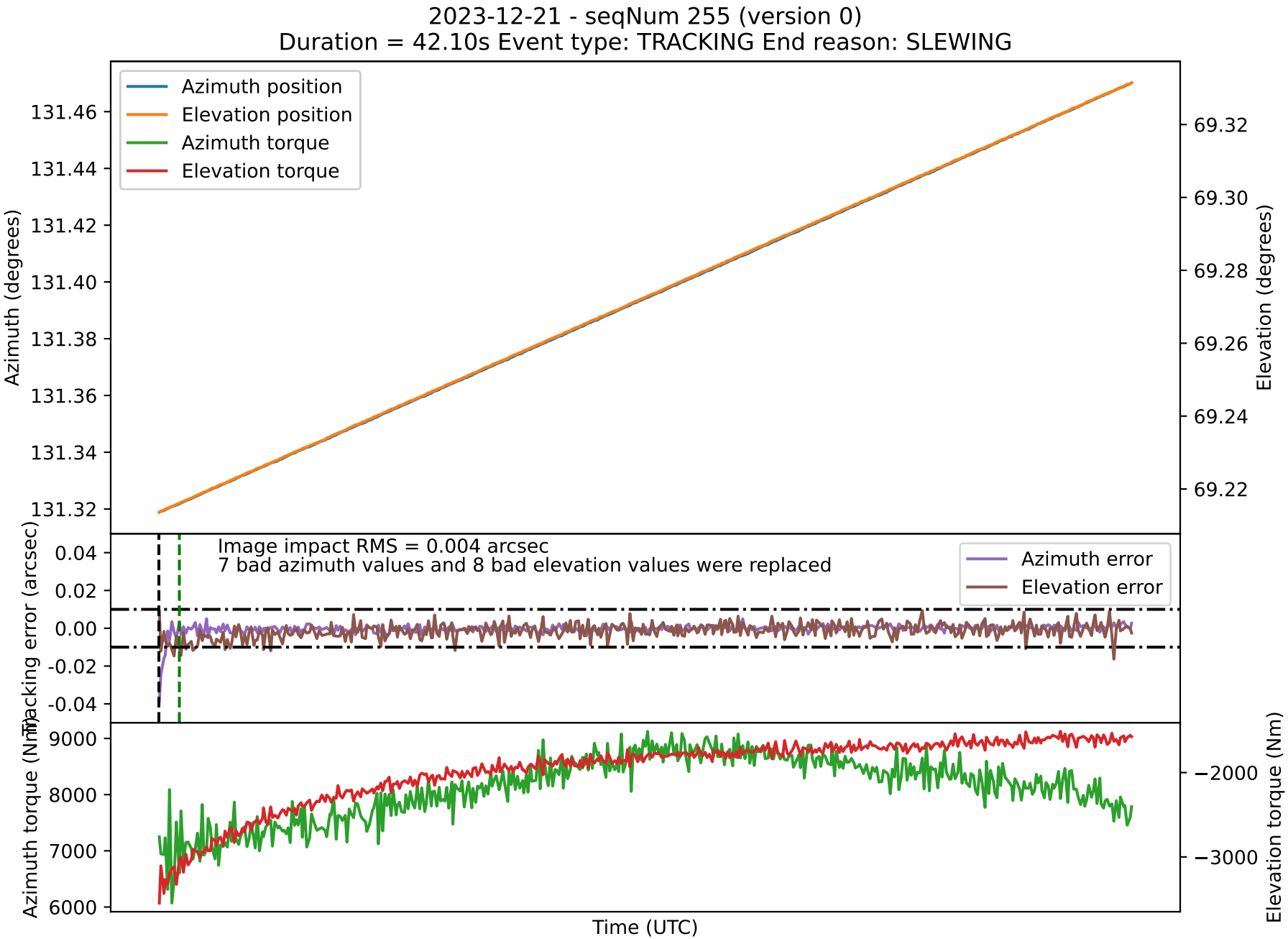

2023-12-21 - seqNum 245 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
139.80
139.60
139.40
139.20
139.00
138.80
84.30
84.28
84.26
84.24
84.22
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−600
−800
Time (UTC)

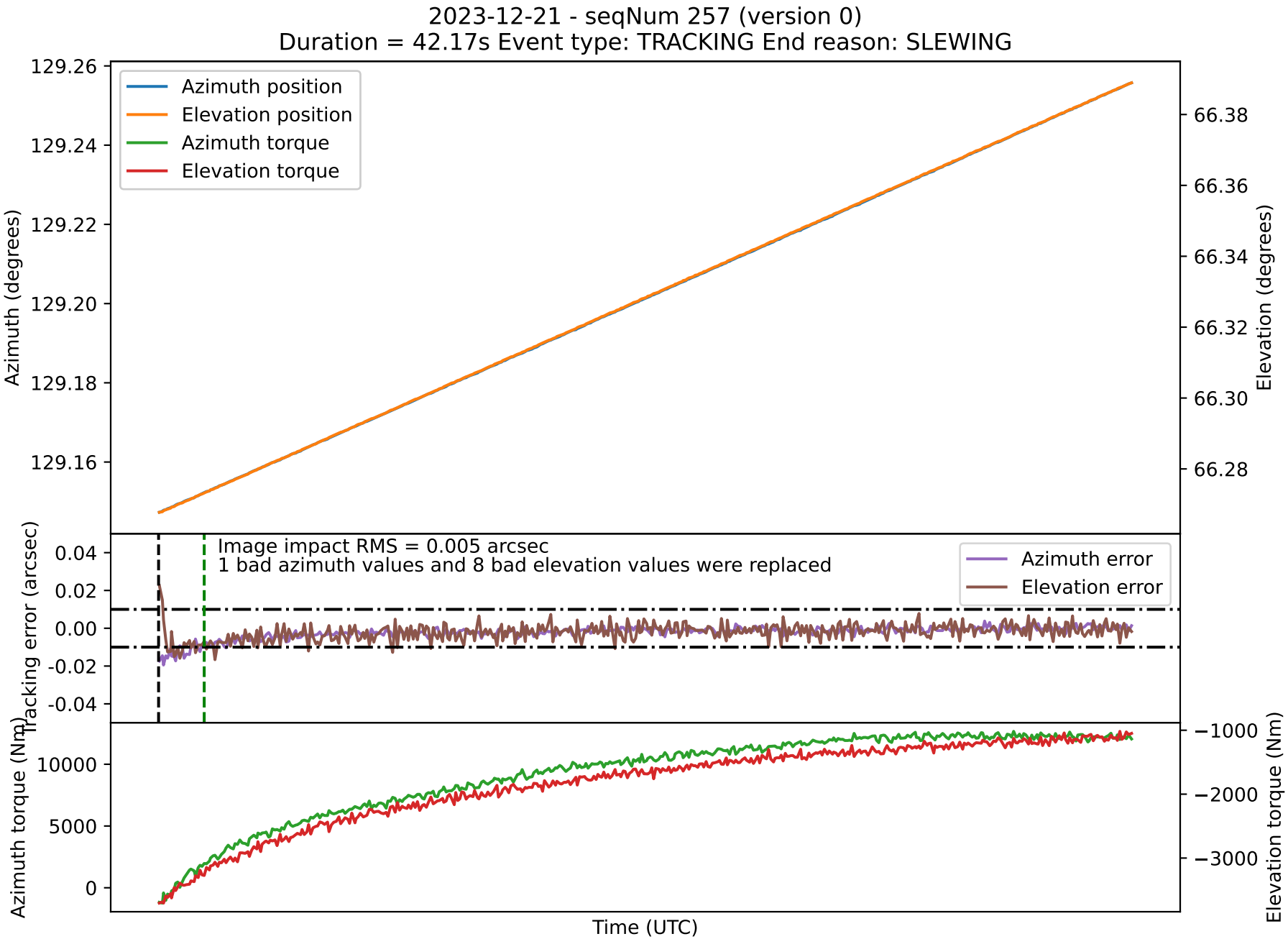

2023-12-21 - seqNum 247 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
121.90
121.85
121.80
121.75
121.70
121.65
121.60
80.18
80.16
80.14
80.12
80.10
80.08
80.06
80.04
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−1000
−2000
−3000
Time (UTC)

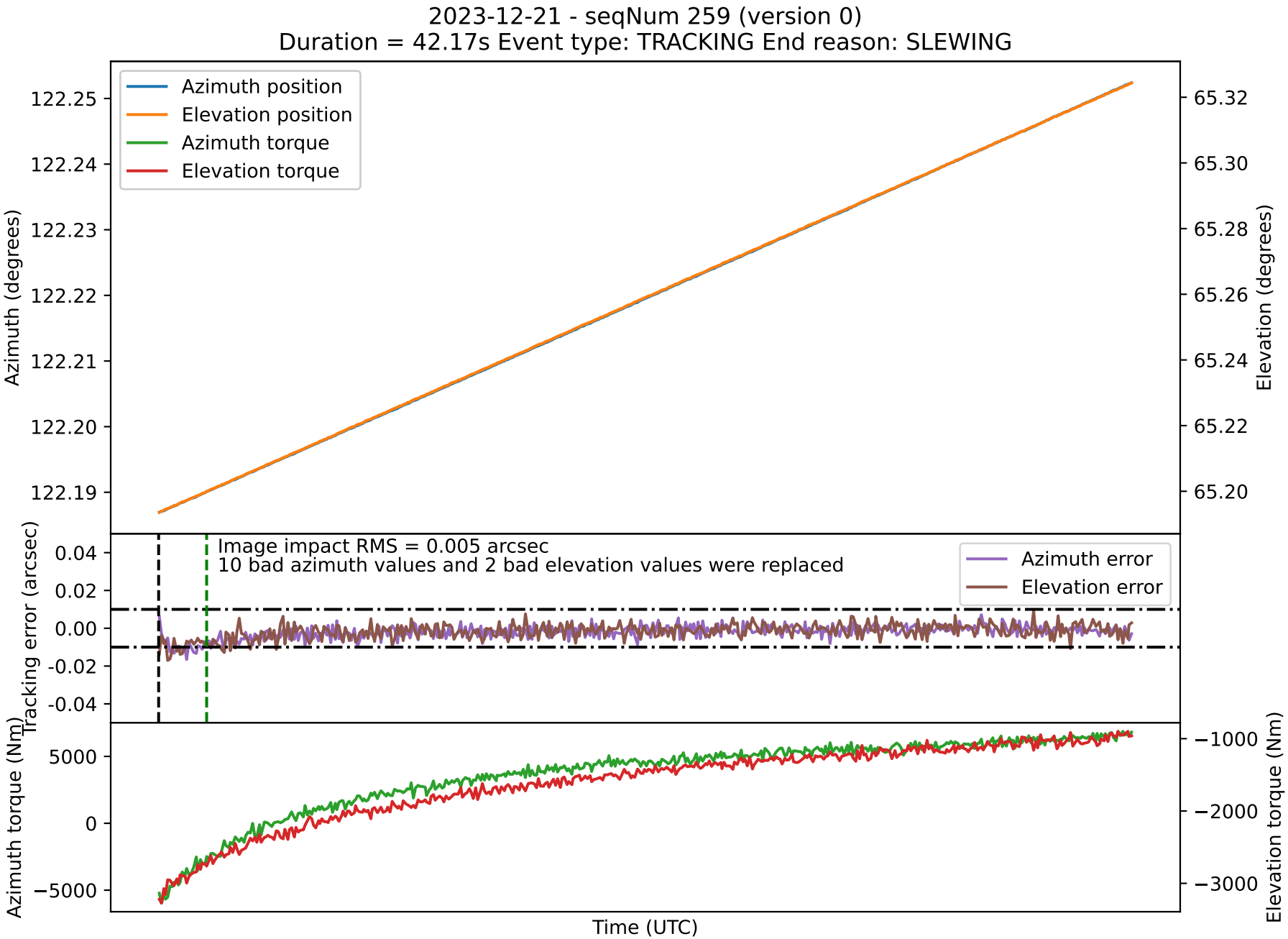

2023-12-21 - seqNum 249 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
124.05
124.00
123.95
123.90
123.85
77.20
77.18
77.16
77.14
77.12
77.10
77.08
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12500
10000
7500
−1000
−2000
−3000
Time (UTC)

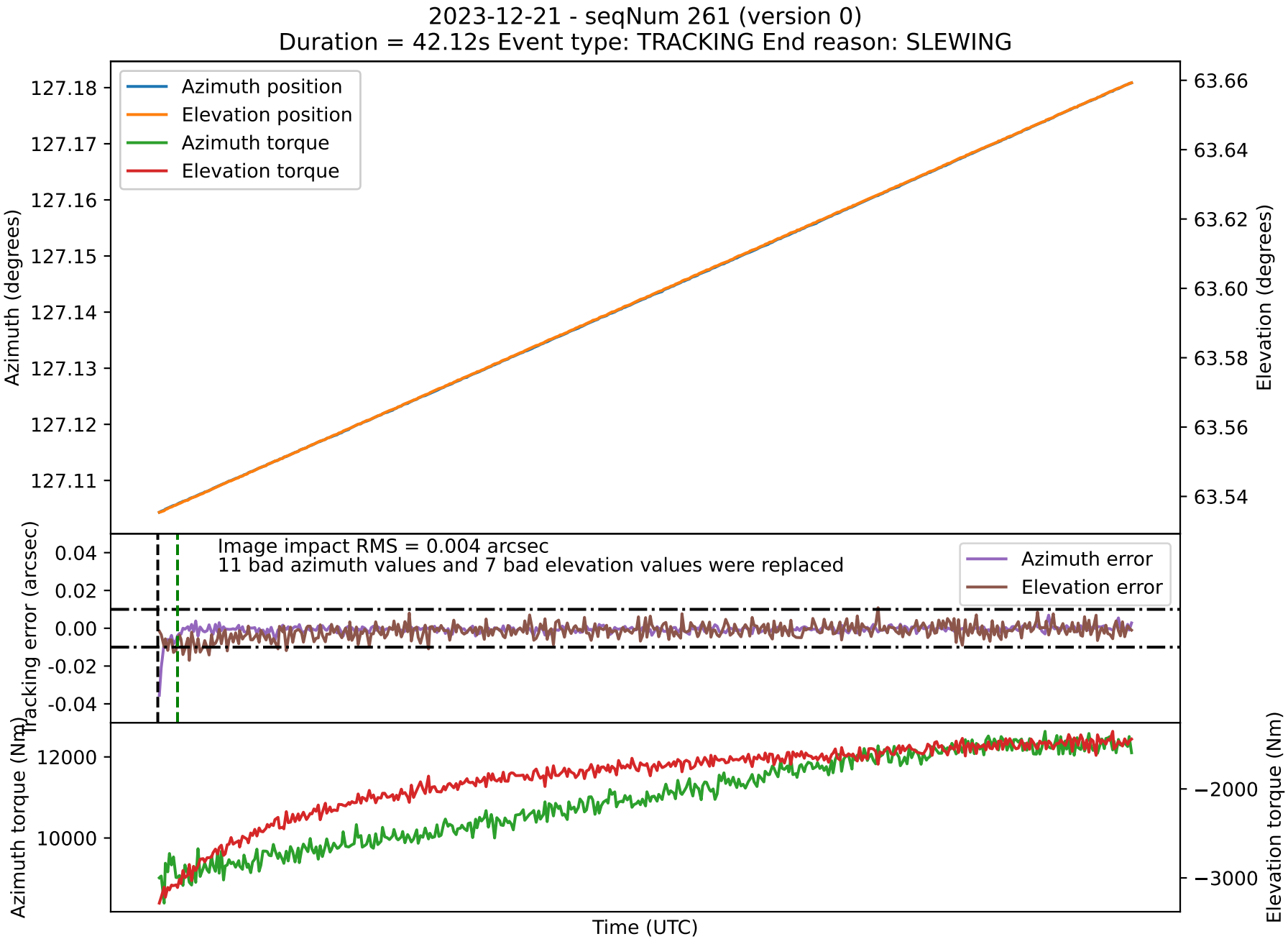

2023-12-21 - seqNum 251 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

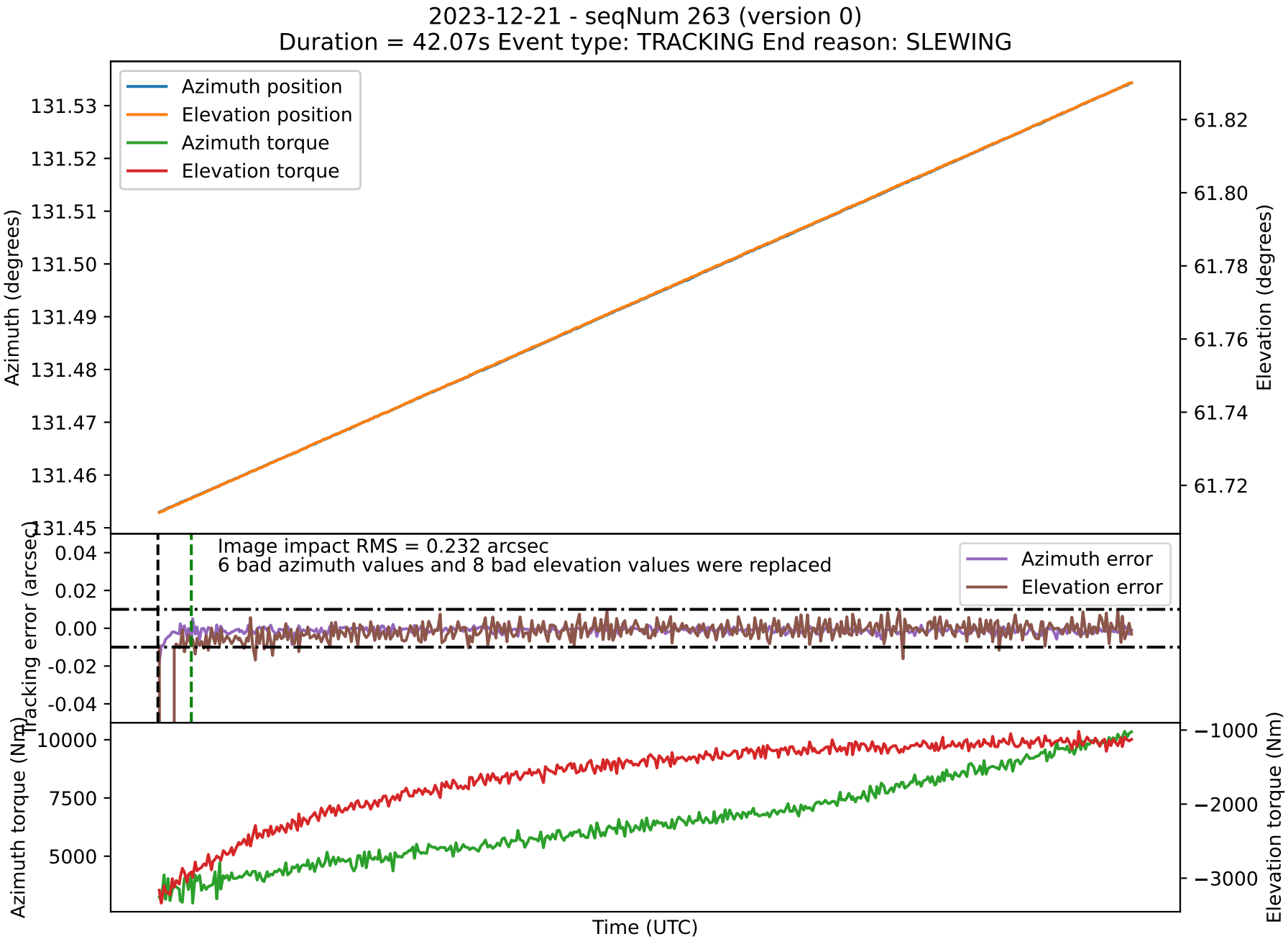

2023-12-21 - seqNum 253 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

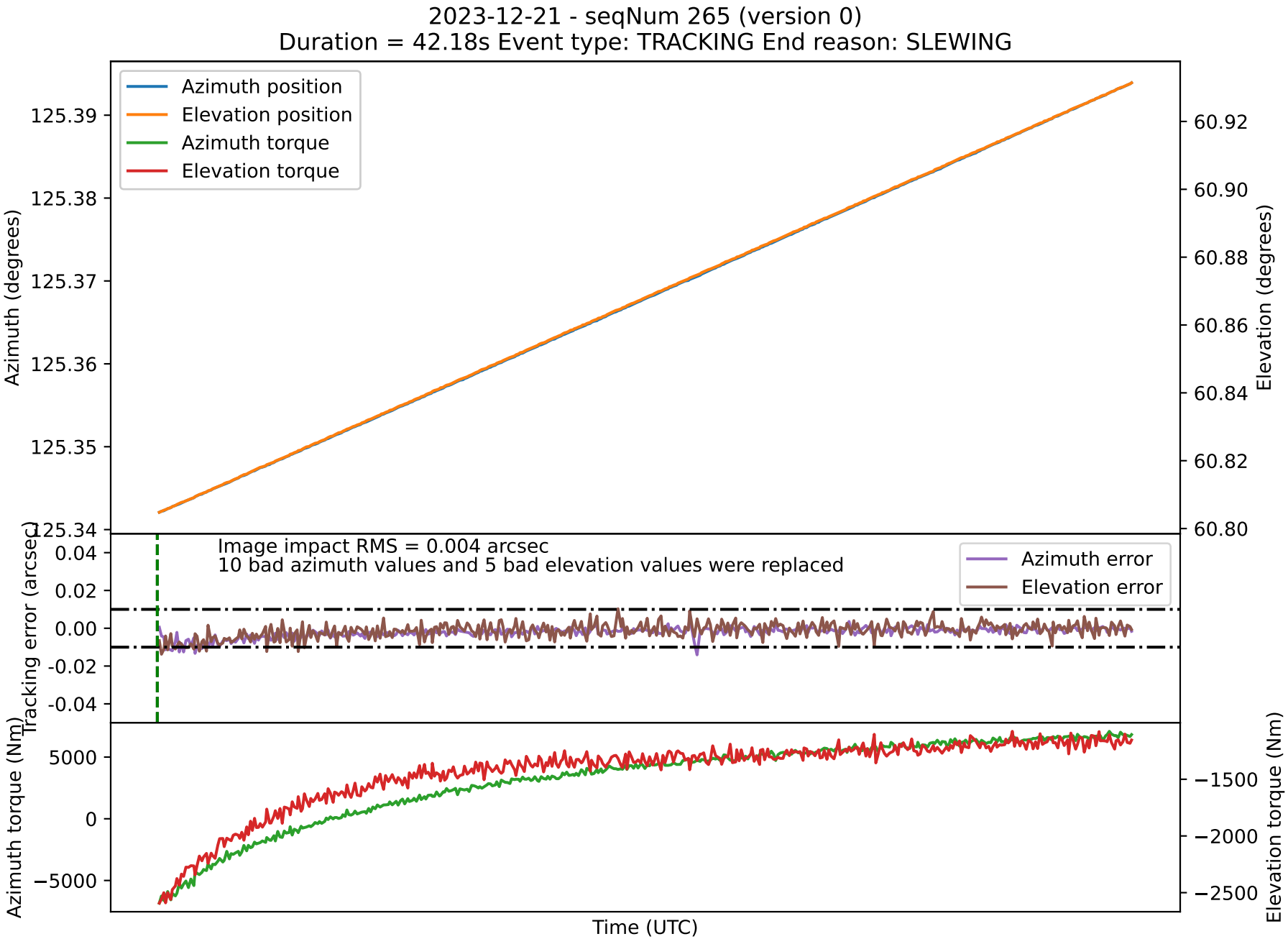

2023-12-21 - seqNum 255 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

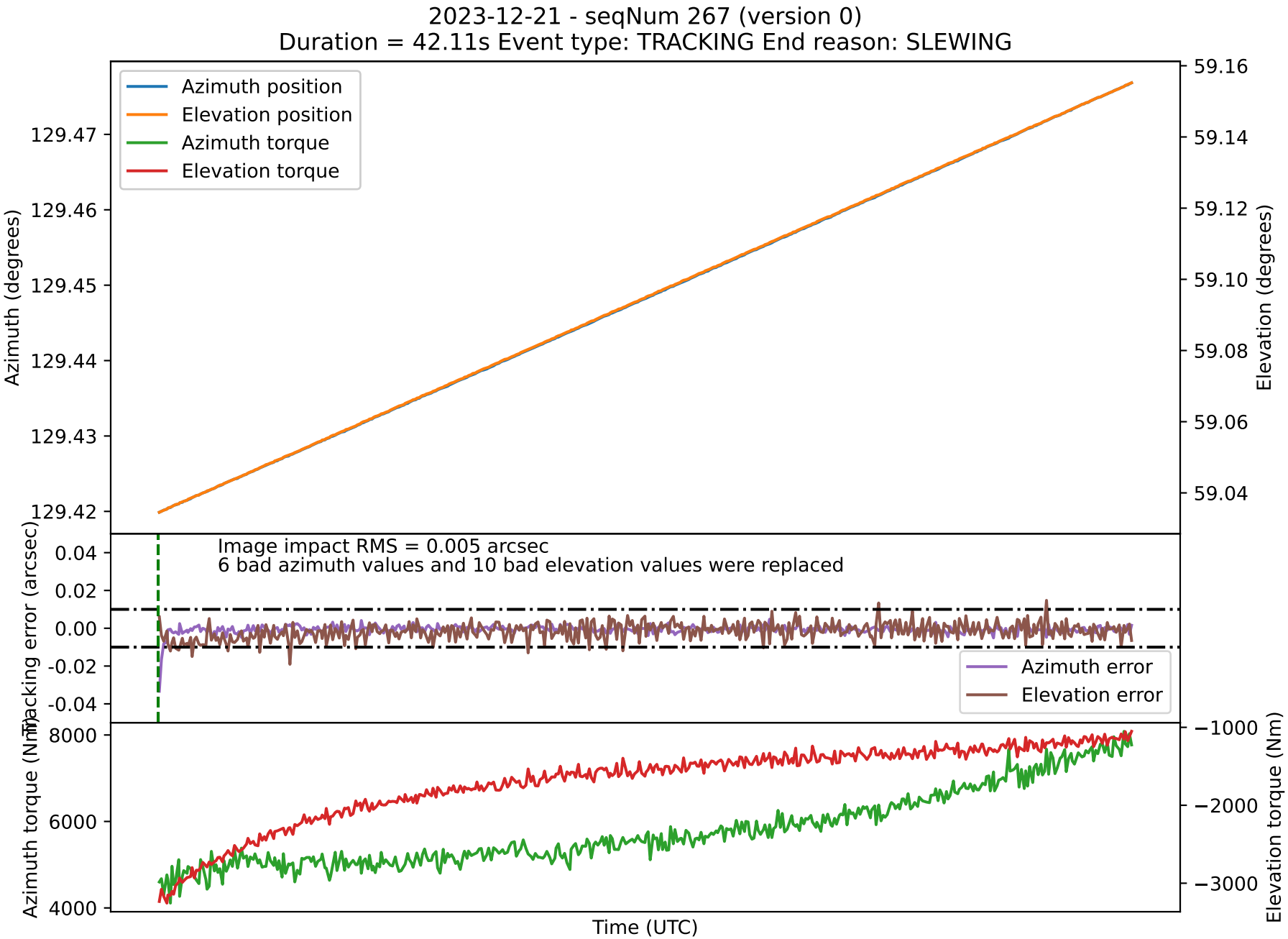

2023-12-21 - seqNum 257 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
129.26
129.24
129.22
129.20
129.18
129.16
66.38
66.36
66.34
66.32
66.30
66.28
Image impact RMS = 0.005 arcsec
1 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−1000
−2000
−3000
Time (UTC)

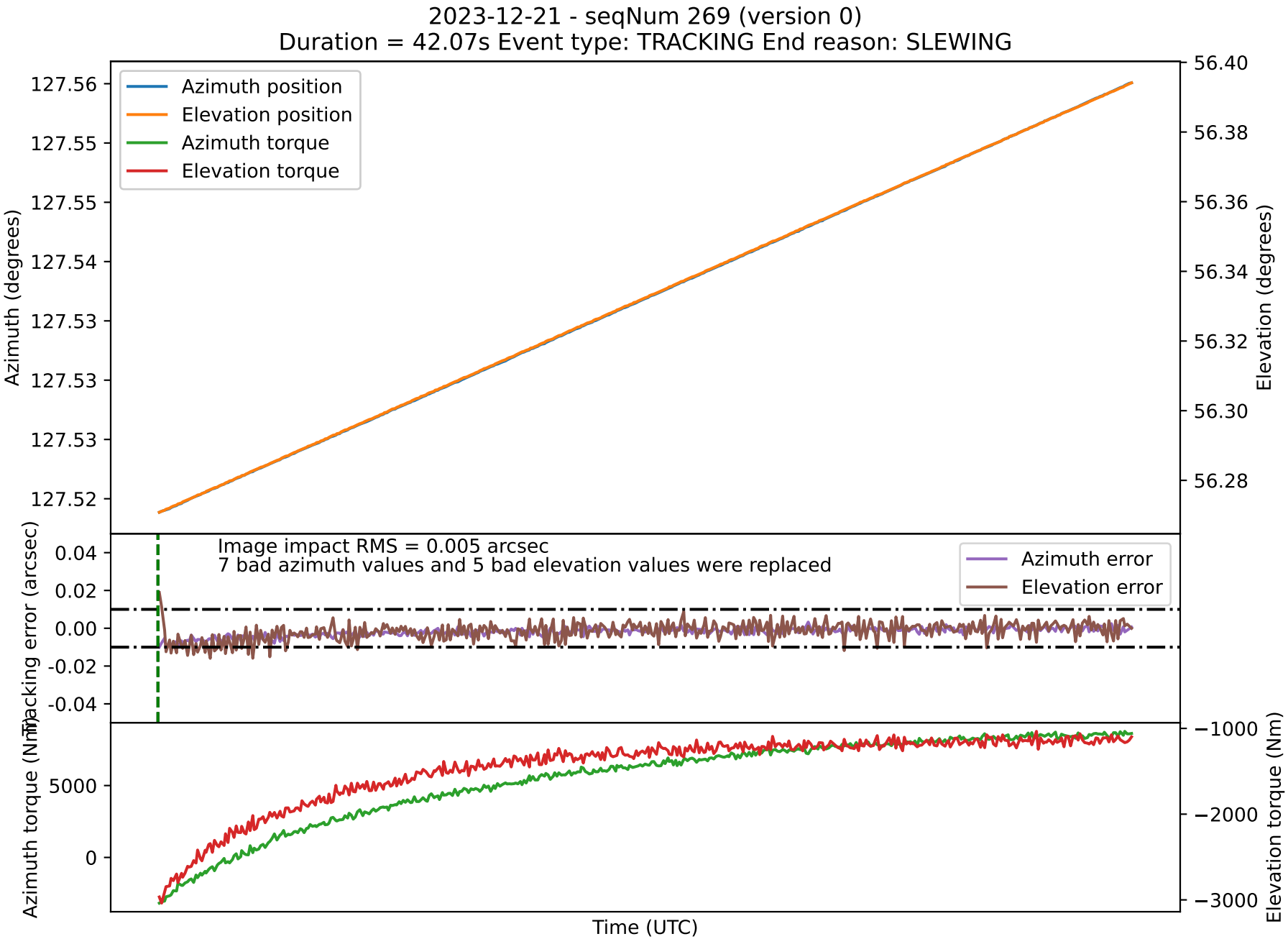

2023-12-21 - seqNum 259 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

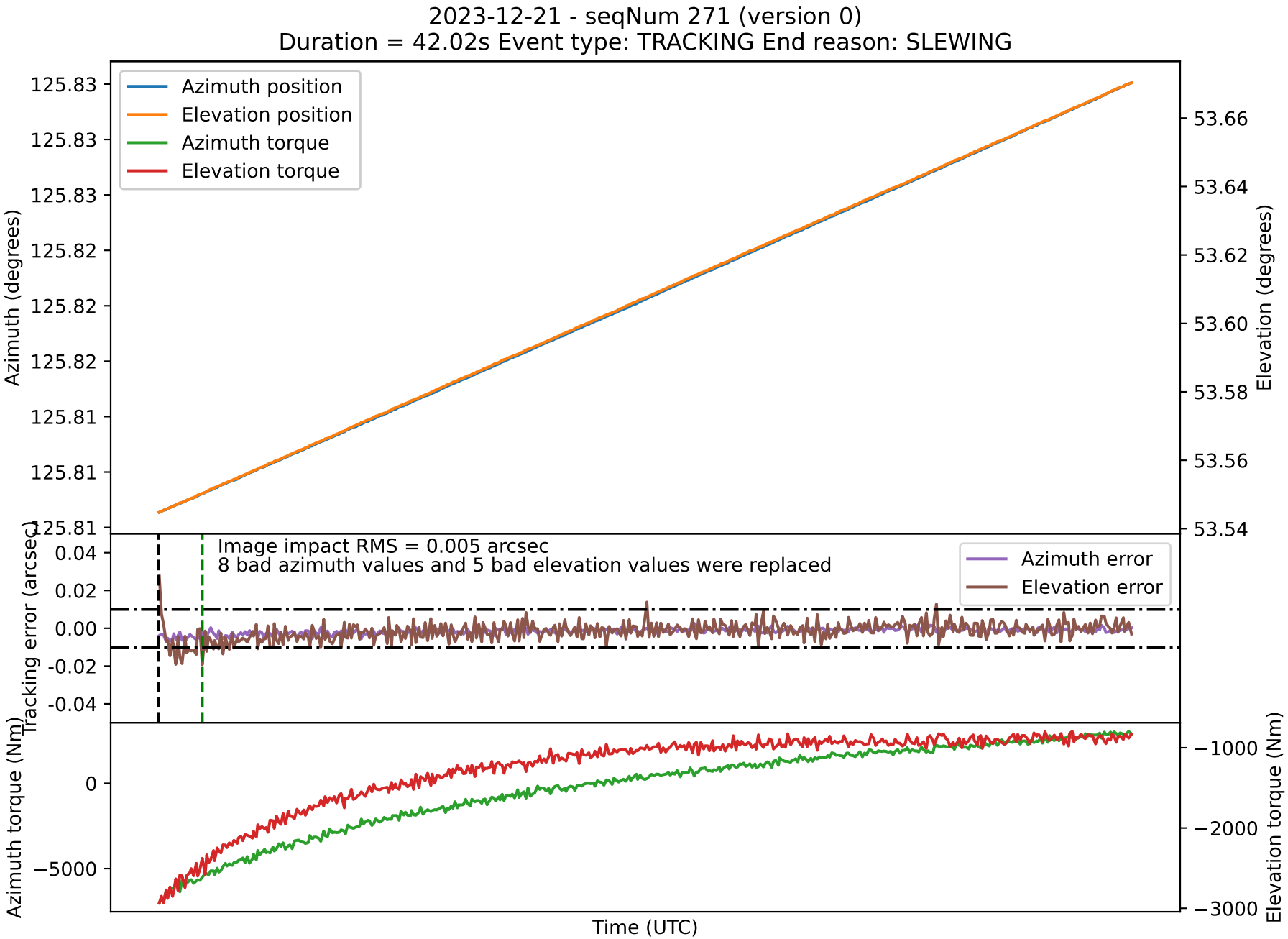

2023-12-21 - seqNum 261 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
127.18
127.17
127.16
127.15
127.14
127.13
127.12
127.11
63.66
63.64
63.62
63.60
63.58
63.56
63.54
Image impact RMS = 0.004 arcsec
11 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
−2000
−3000
Time (UTC)

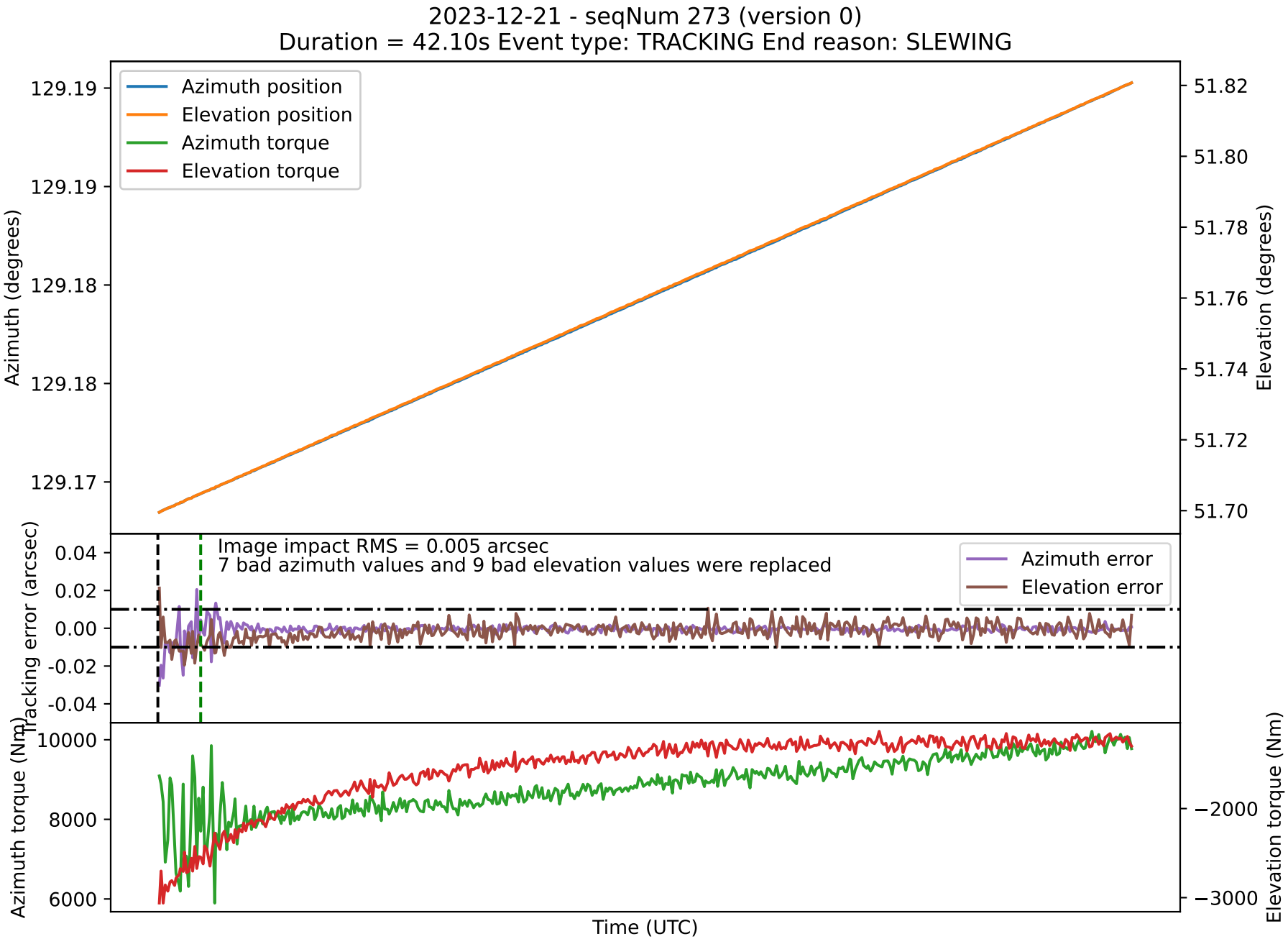

2023-12-21 - seqNum 263 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.232 arcsec
6 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

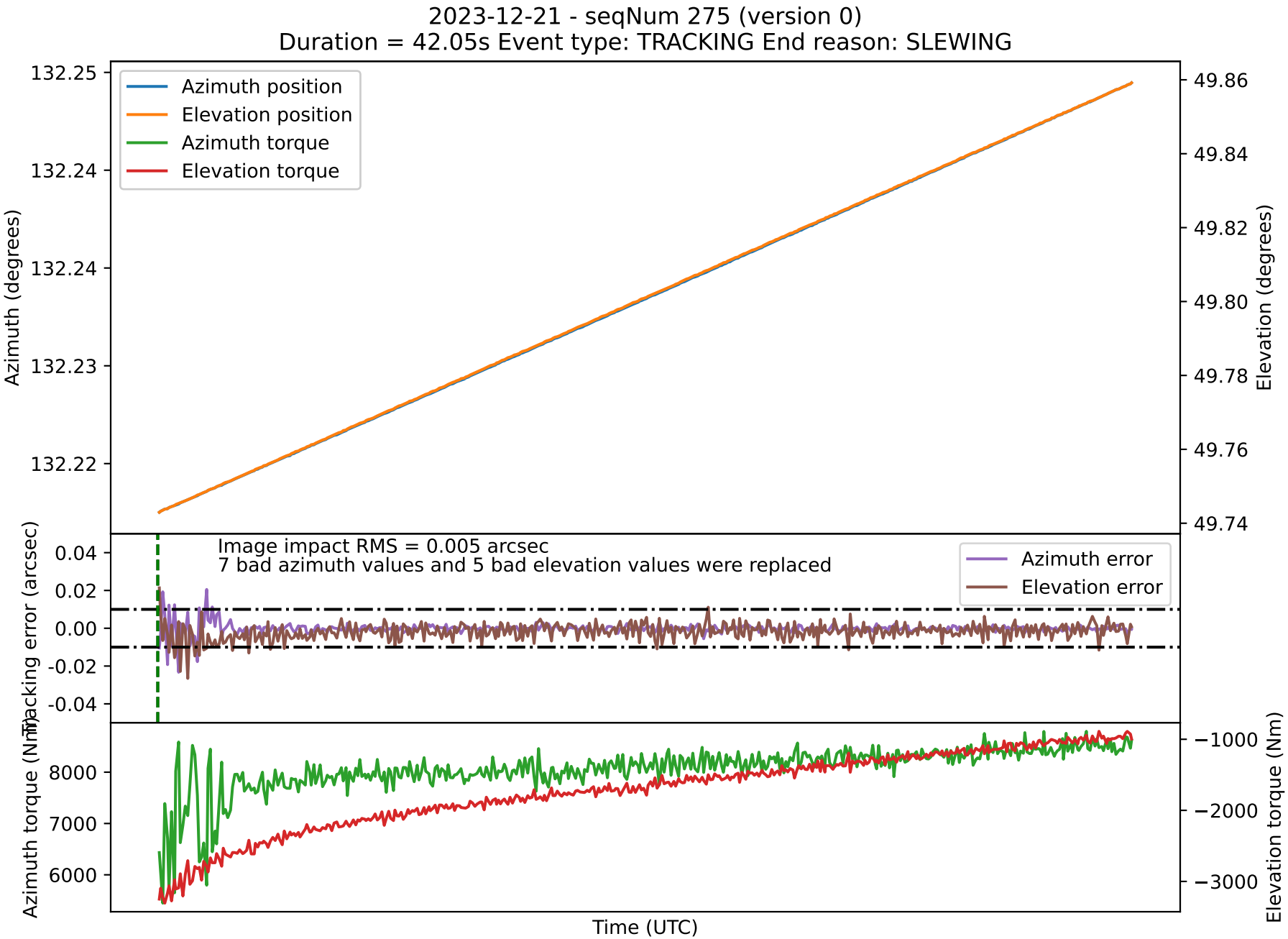

2023-12-21 - seqNum 265 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
125.39
125.38
125.37
125.36
125.35
125.34
60.92
60.90
60.88
60.86
60.84
60.82
60.80
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−1500
−2000
−2500
Time (UTC)

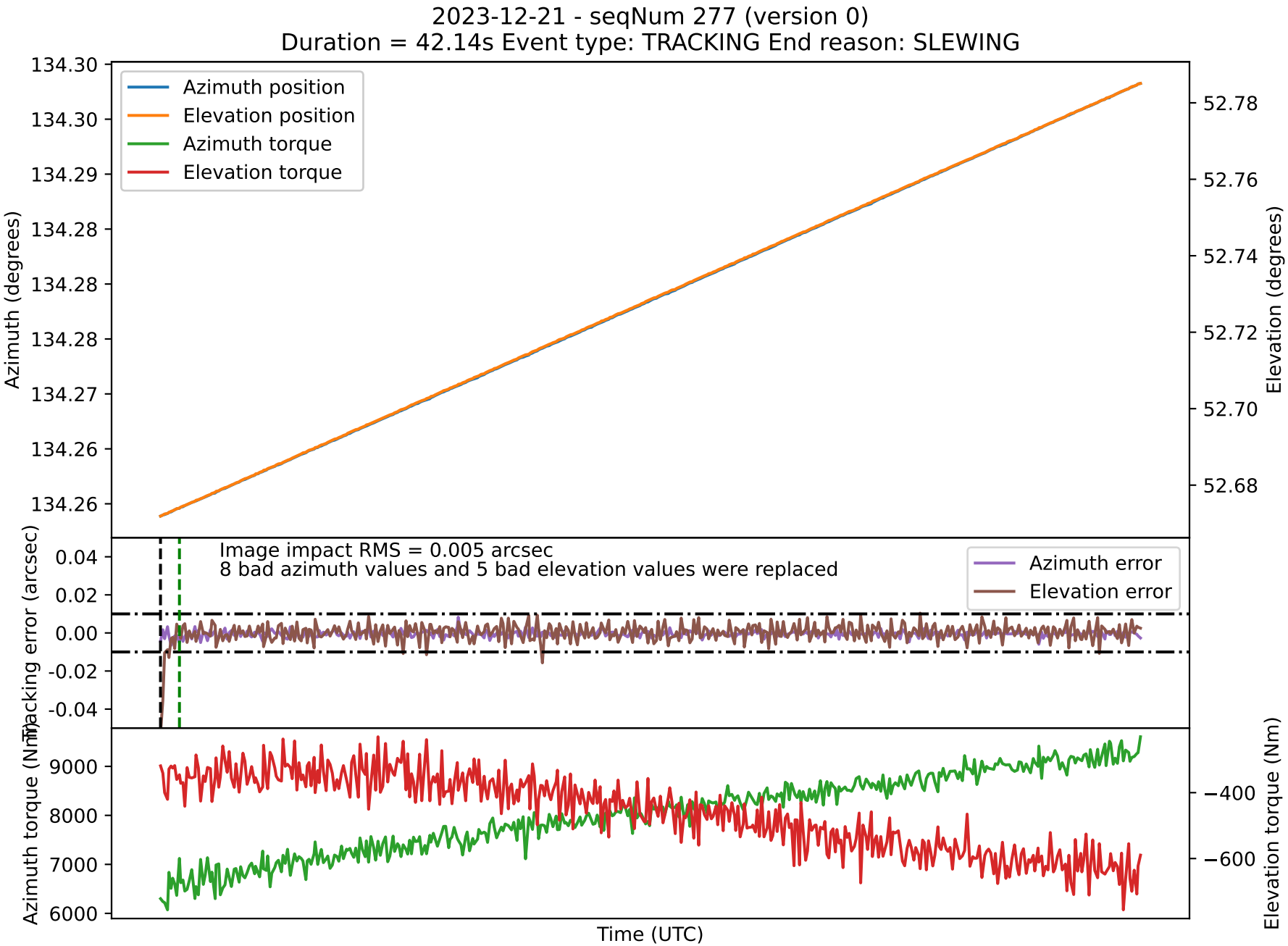

2023-12-21 - seqNum 267 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
129.47
129.46
129.45
129.44
129.43
129.42
59.16
59.14
59.12
59.10
59.08
59.06
59.04
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 10 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
−1000
−2000
−3000
Time (UTC)

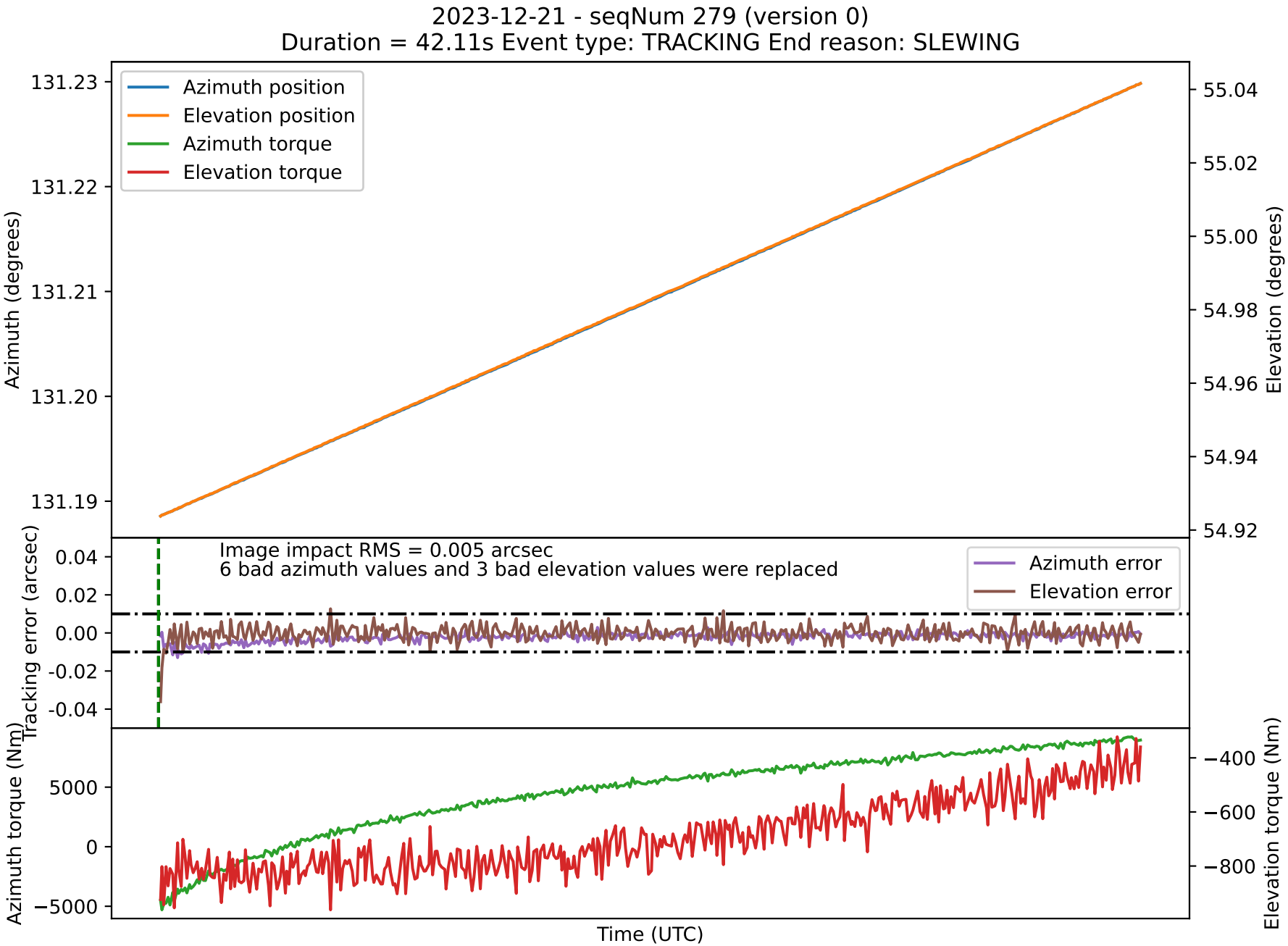

2023-12-21 - seqNum 269 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
127.56
127.55
127.55
127.54
127.53
127.53
127.53
127.52
56.40
56.38
56.36
56.34
56.32
56.30
56.28
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−1000
−2000
−3000
Time (UTC)

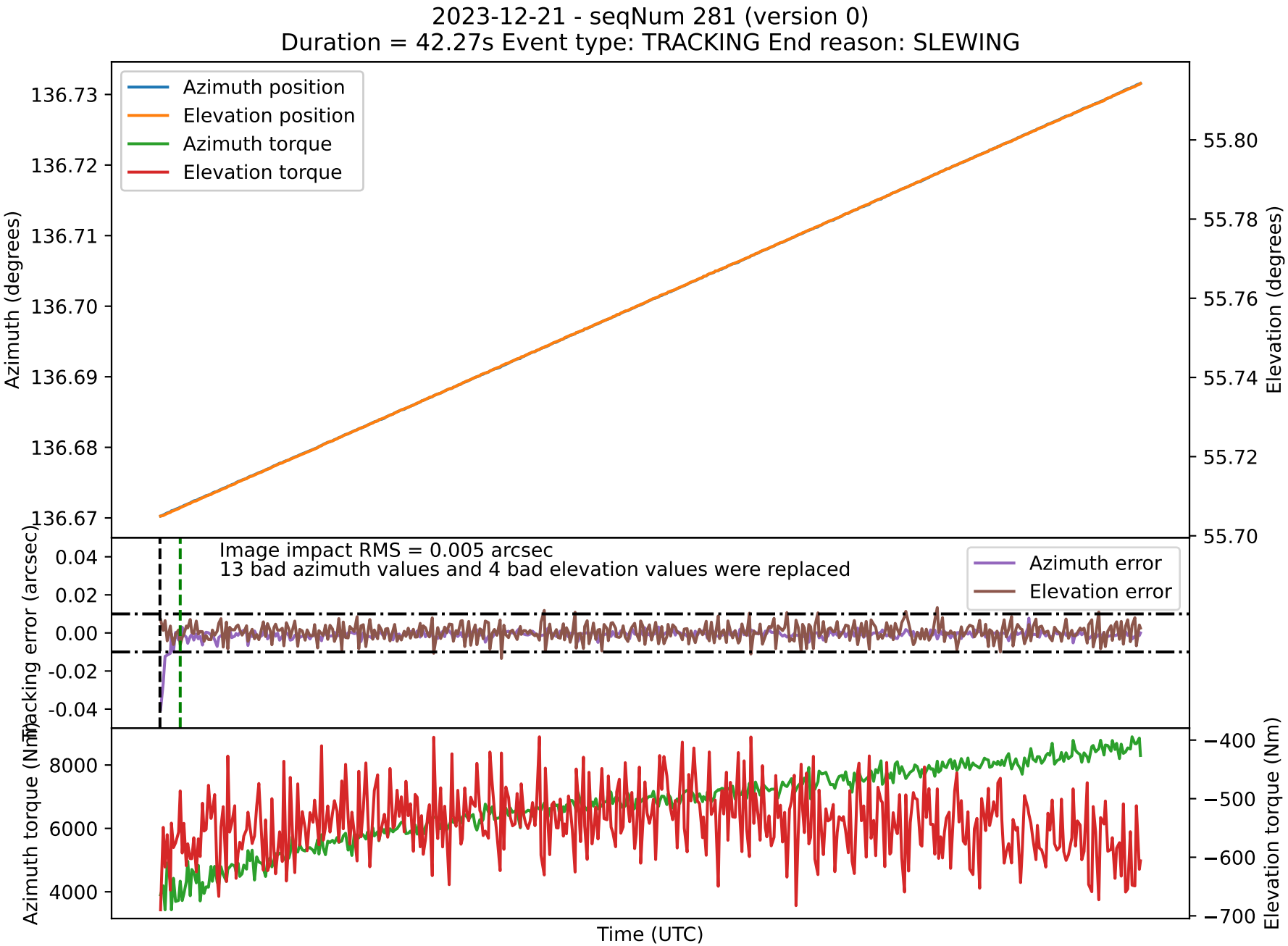

2023-12-21 - seqNum 271 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

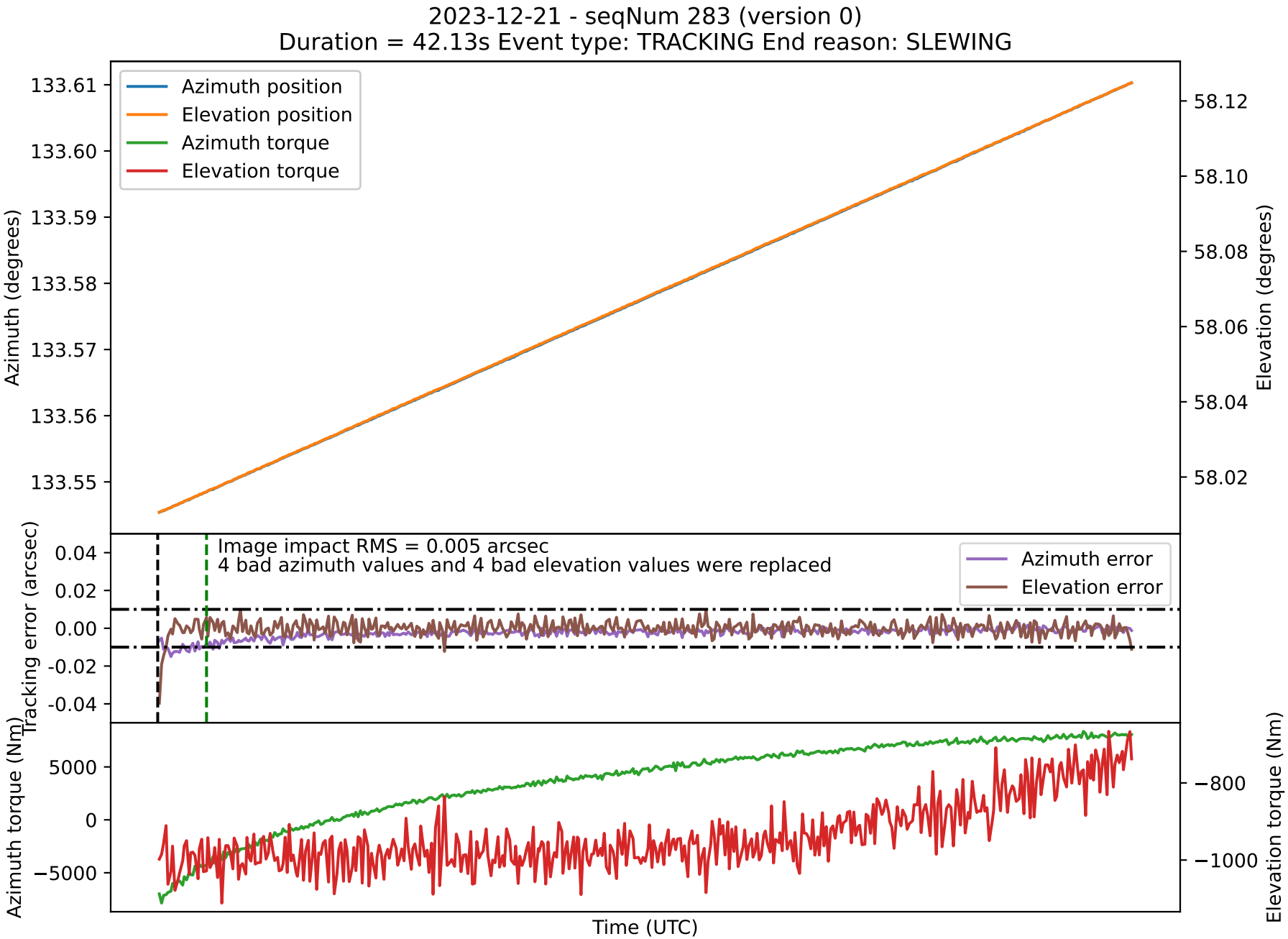

2023-12-21 - seqNum 273 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
129.19
129.19
129.18
129.18
129.17
51.82
51.80
51.78
51.76
51.74
51.72
51.70
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−2000
−3000
Time (UTC)

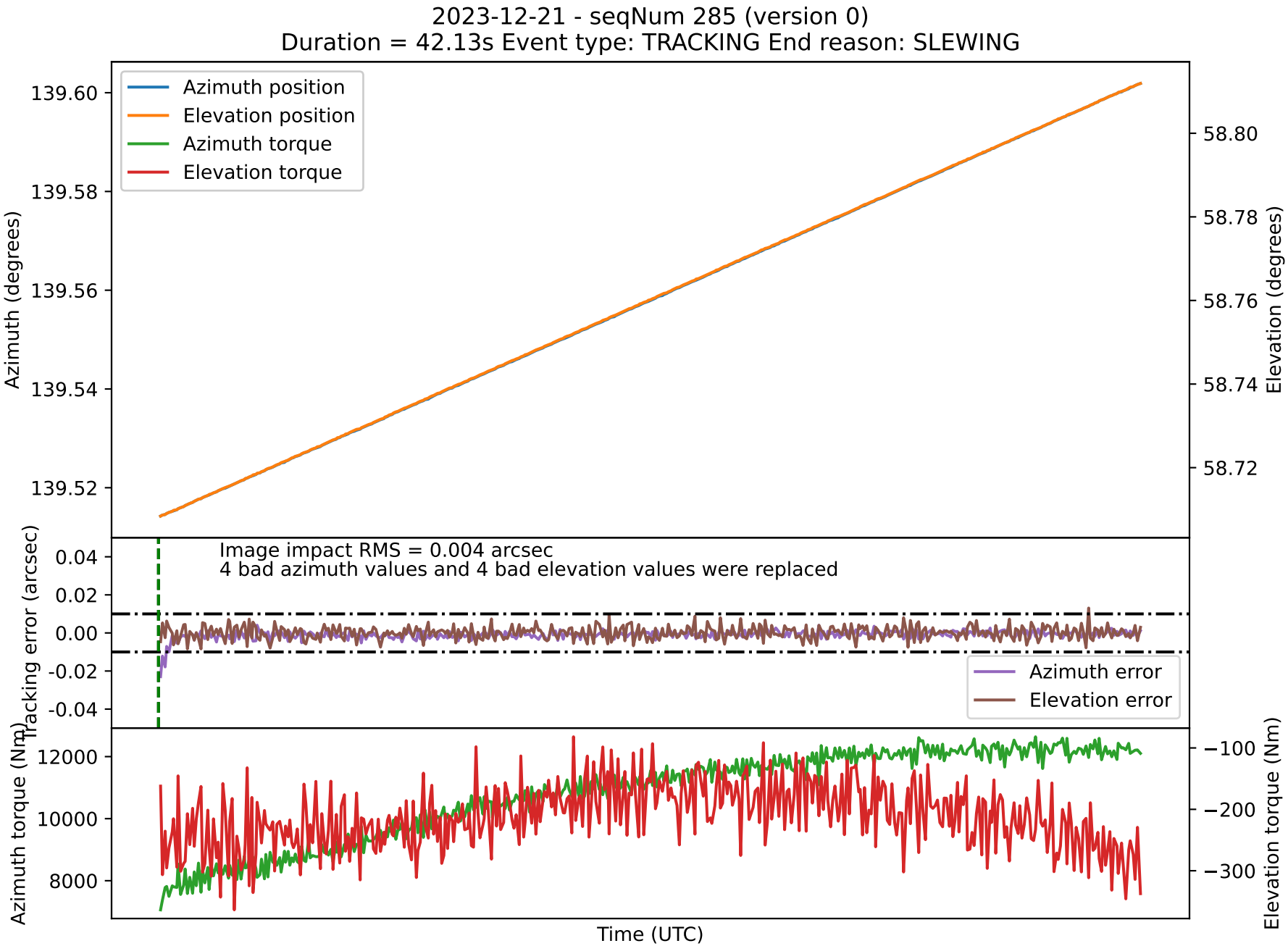

2023-12-21 - seqNum 275 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
132.25
132.24
132.24
132.23
132.22
49.86
49.84
49.82
49.80
49.78
49.76
49.74
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
7000
6000
−1000
−2000
−3000
Time (UTC)

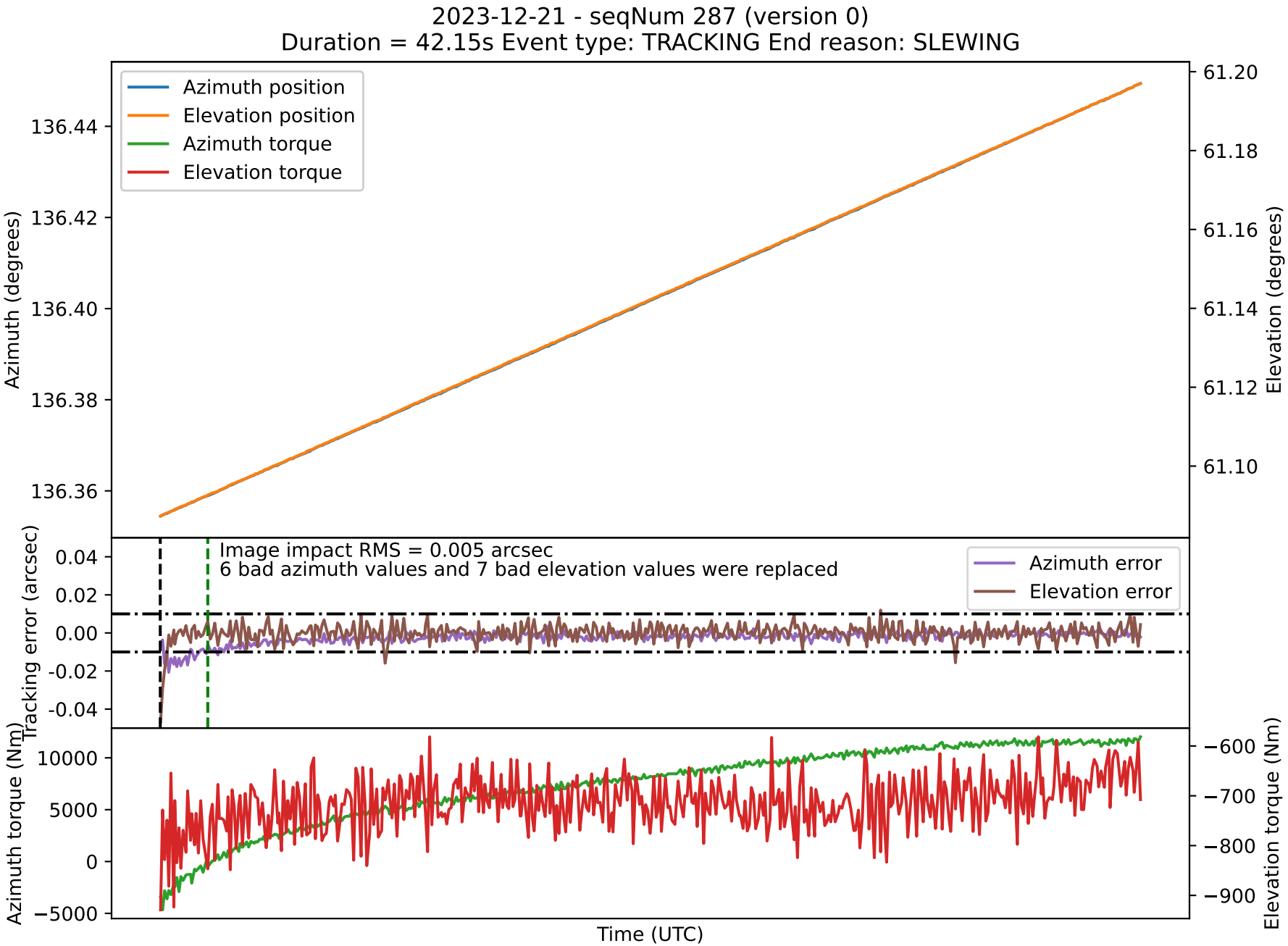

2023-12-21 - seqNum 277 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

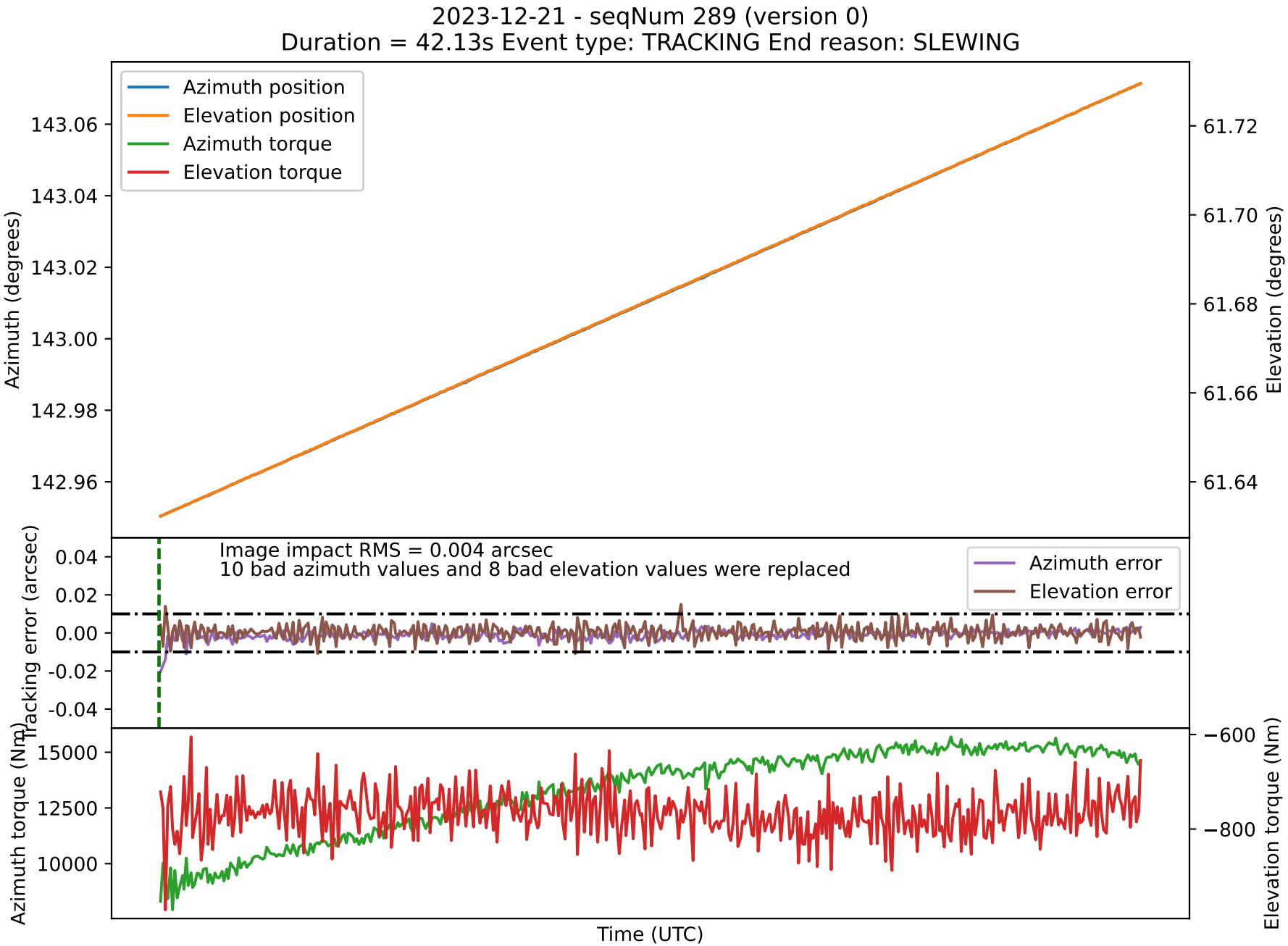

2023-12-21 - seqNum 279 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
131.23
131.22
131.21
131.20
131.19
55.04
55.02
55.00
54.98
54.96
54.94
54.92
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−400
−600
−800
Time (UTC)

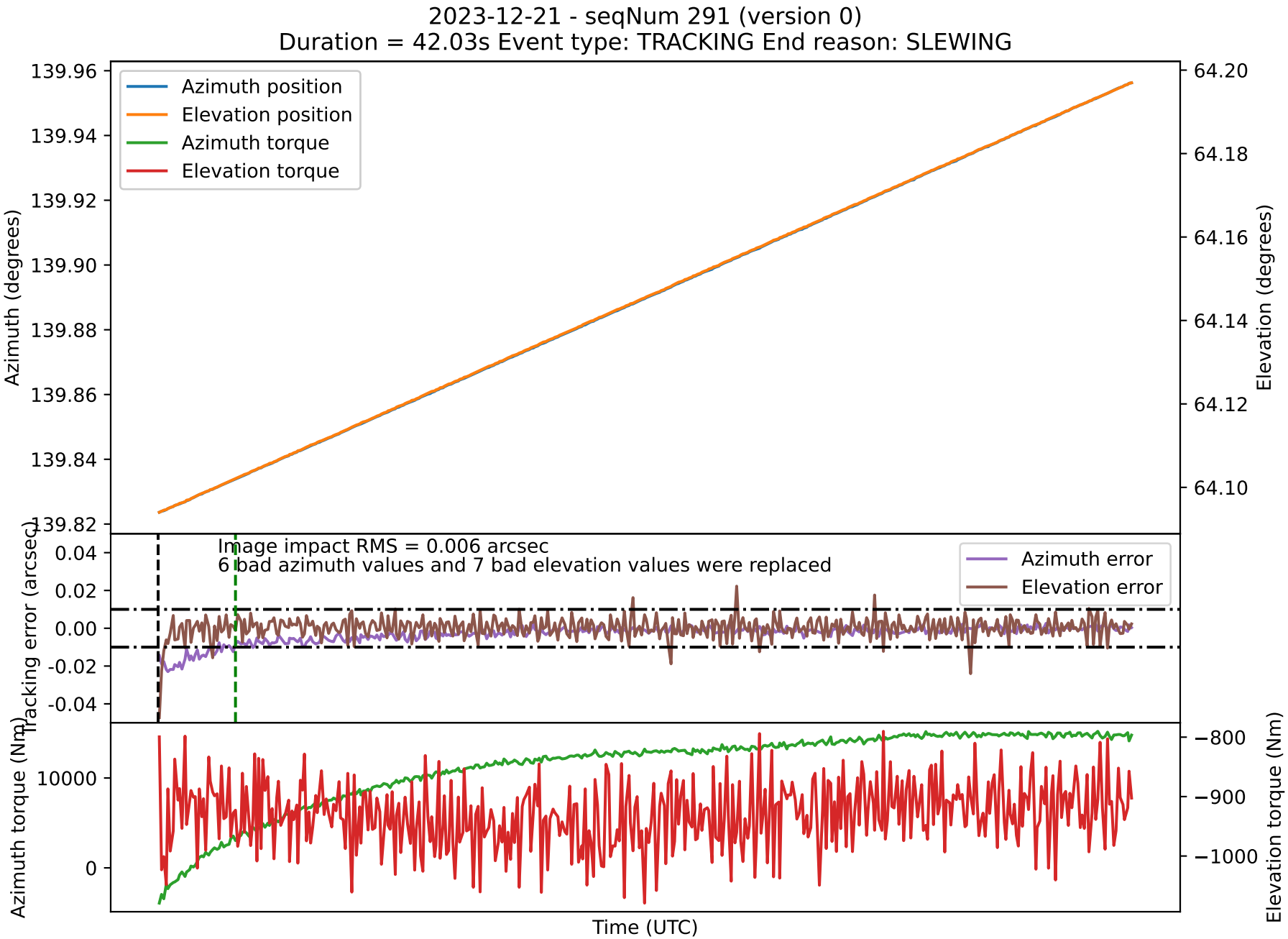

2023-12-21 - seqNum 281 (version 0)
Duration = 42.27s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
136.73
136.72
136.71
136.70
136.69
136.68
136.67
55.80
55.78
55.76
55.74
55.72
55.70
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
−400
−500
−600
−700
Time (UTC)

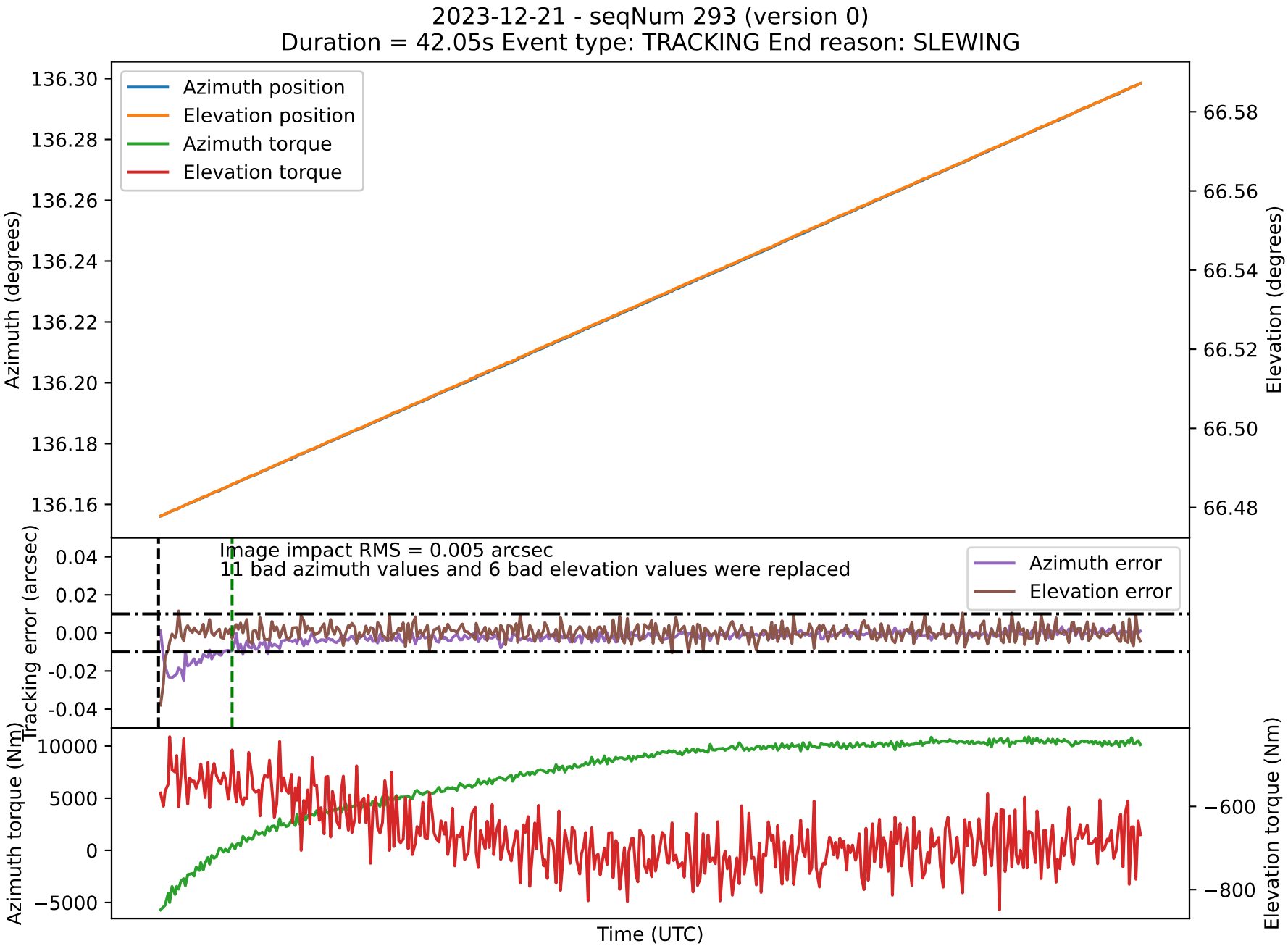

2023-12-21 - seqNum 283 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
133.61
133.60
133.59
133.58
133.57
133.56
133.55
58.12
58.10
58.08
58.06
58.04
58.02
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−800
−1000
Time (UTC)

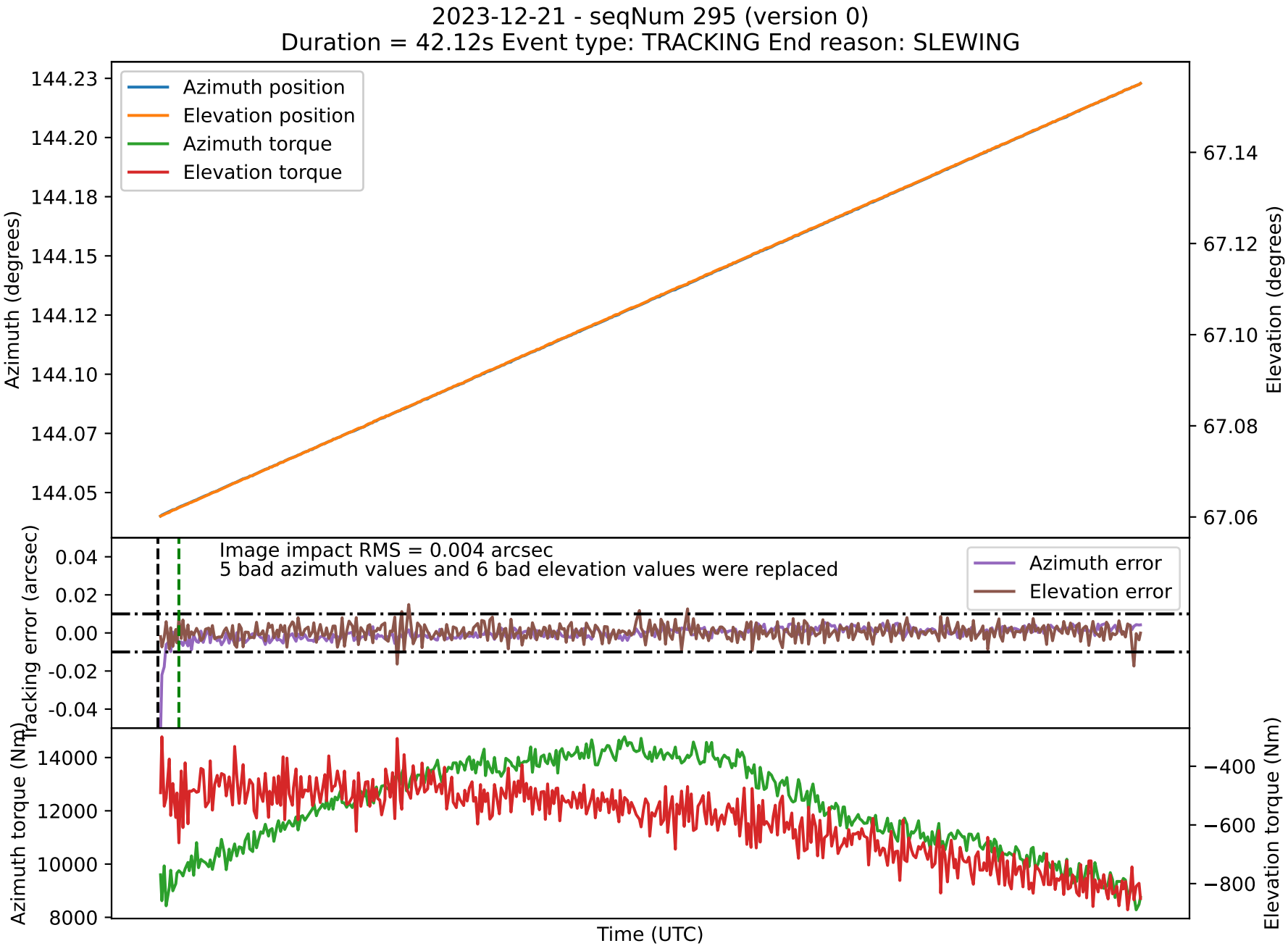

2023-12-21 - seqNum 285 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
139.60
139.58
139.56
139.54
139.52
58.80
58.78
58.76
58.74
58.72
Image impact RMS = 0.004 arcsec
4 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
8000
−100
−200
−300
Time (UTC)

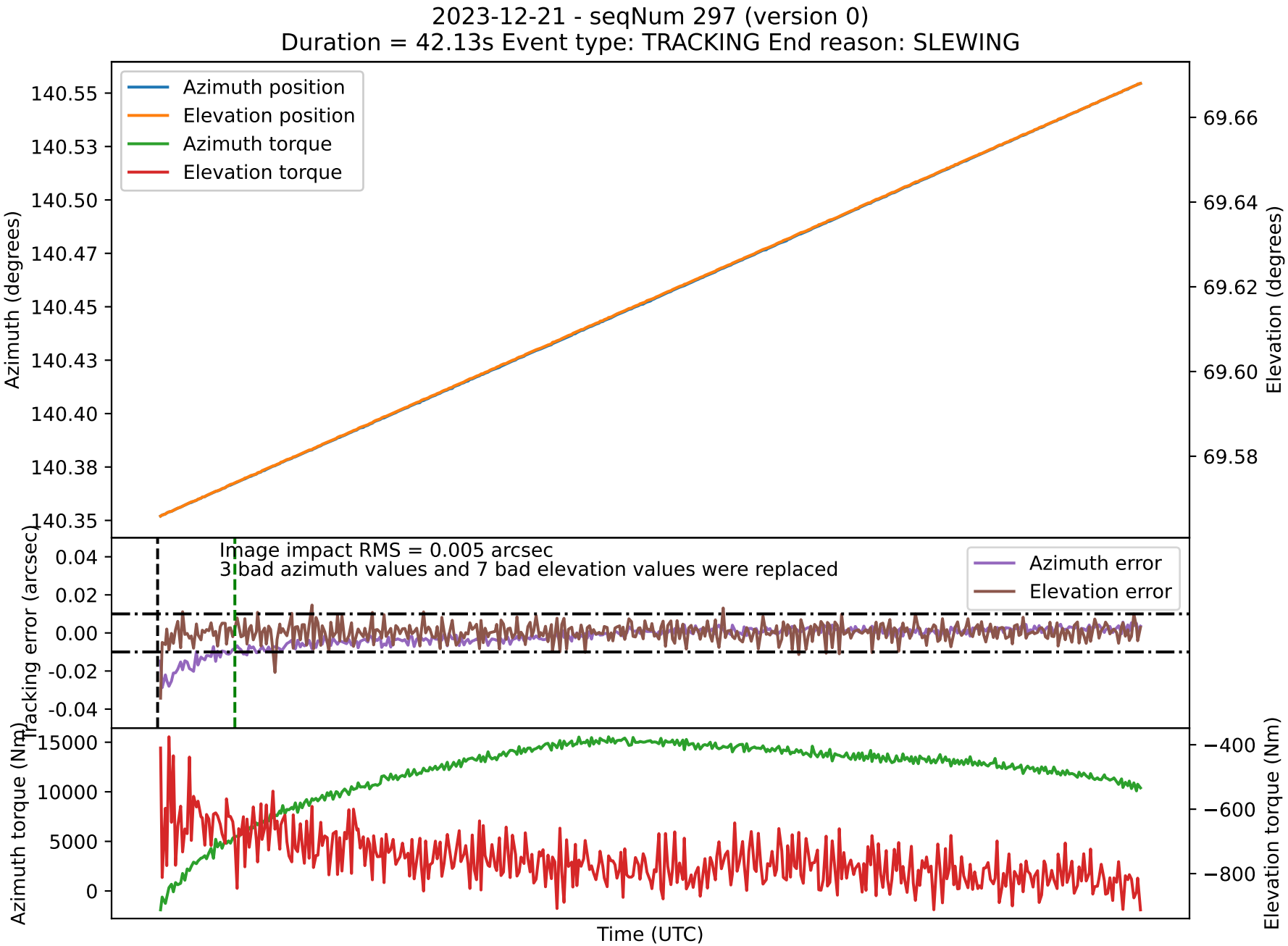

2023-12-21 - seqNum 287 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
136.44
136.42
136.40
136.38
136.36
61.20
61.18
61.16
61.14
61.12
61.10
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−600
−700
−800
−900
Time (UTC)

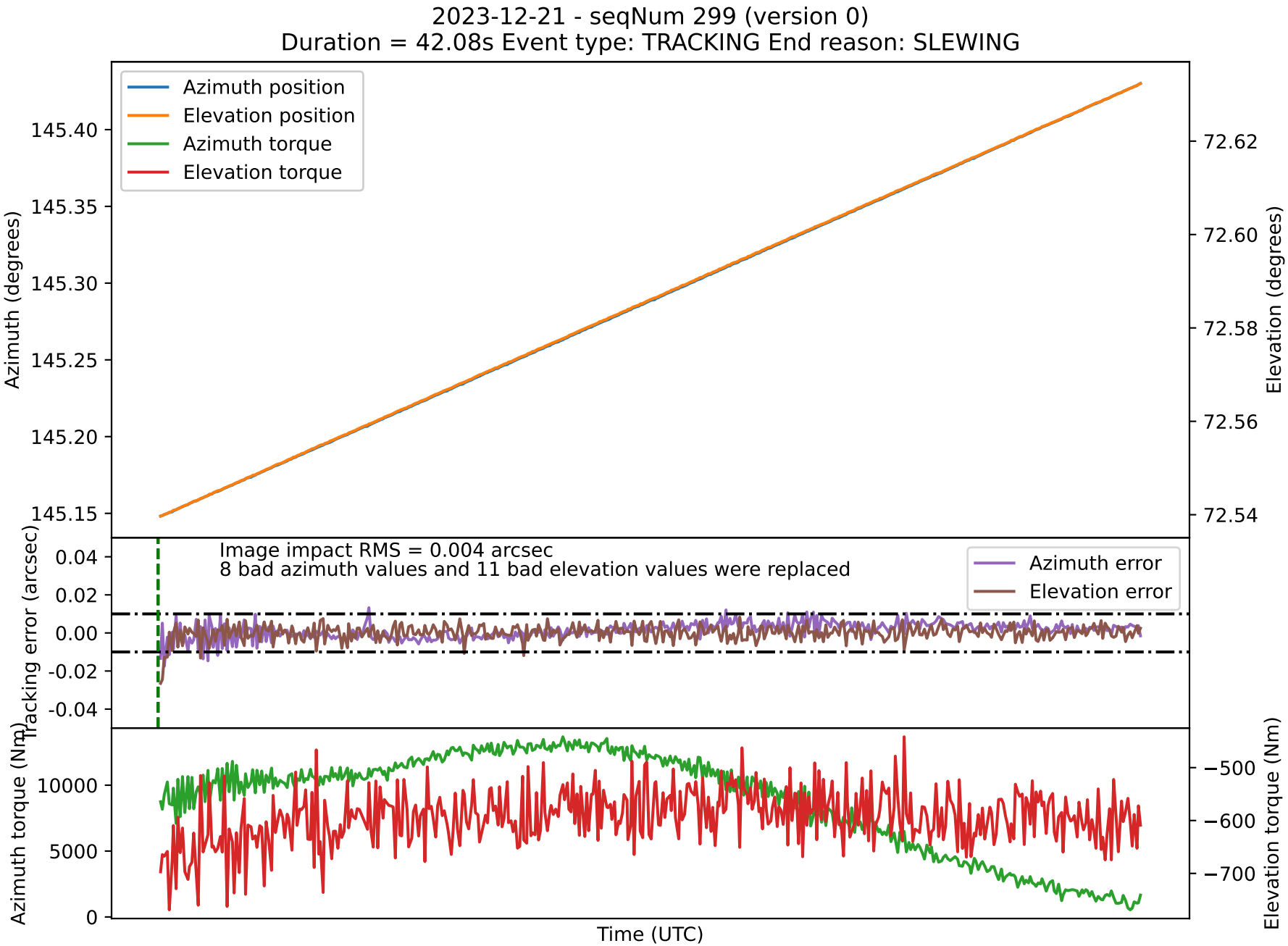

2023-12-21 - seqNum 289 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
143.06
143.04
143.02
143.00
142.98
142.96
61.72
61.70
61.68
61.66
61.64
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
12500
10000
−600
−800
Time (UTC)

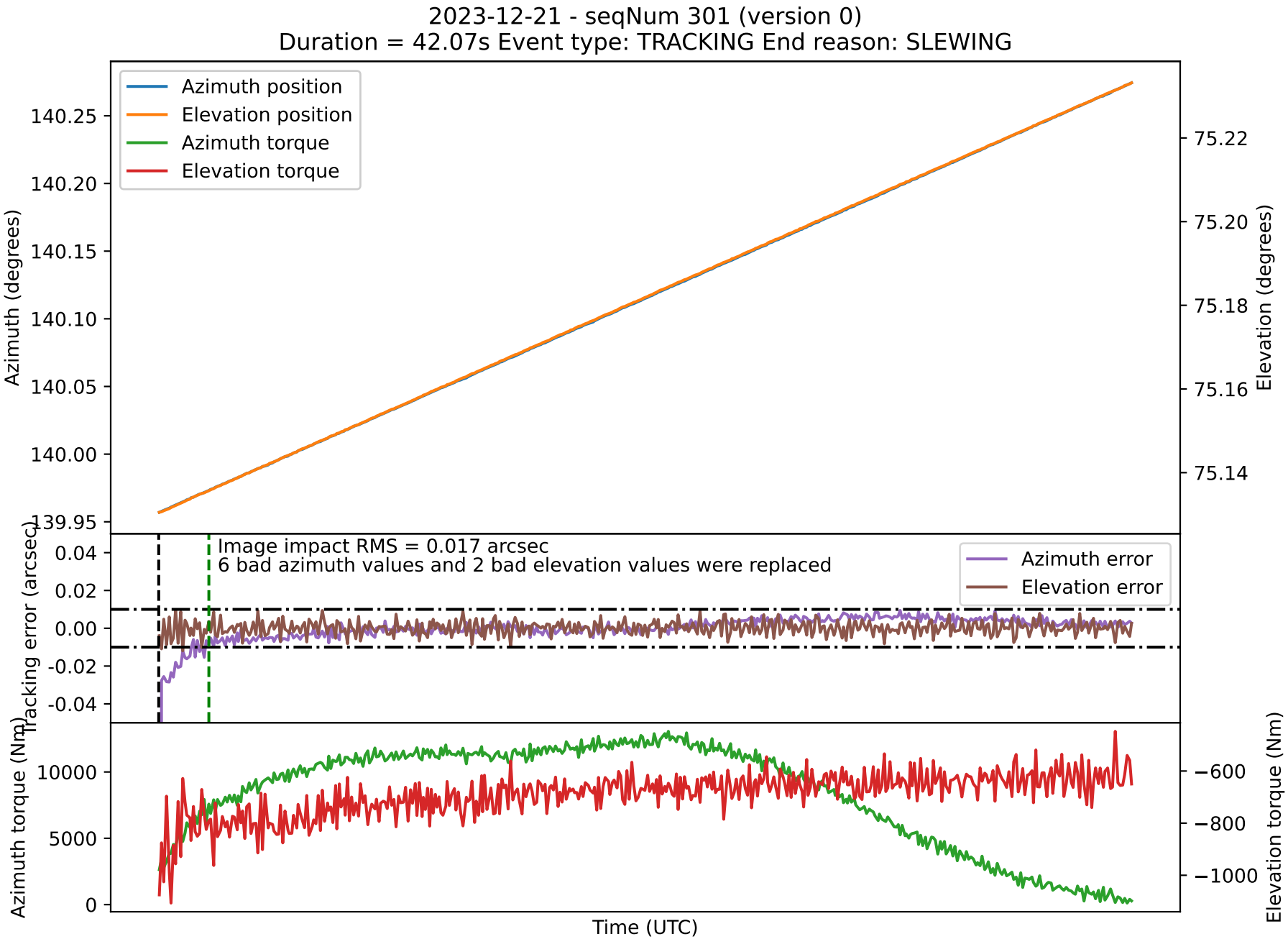

2023-12-21 - seqNum 291 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

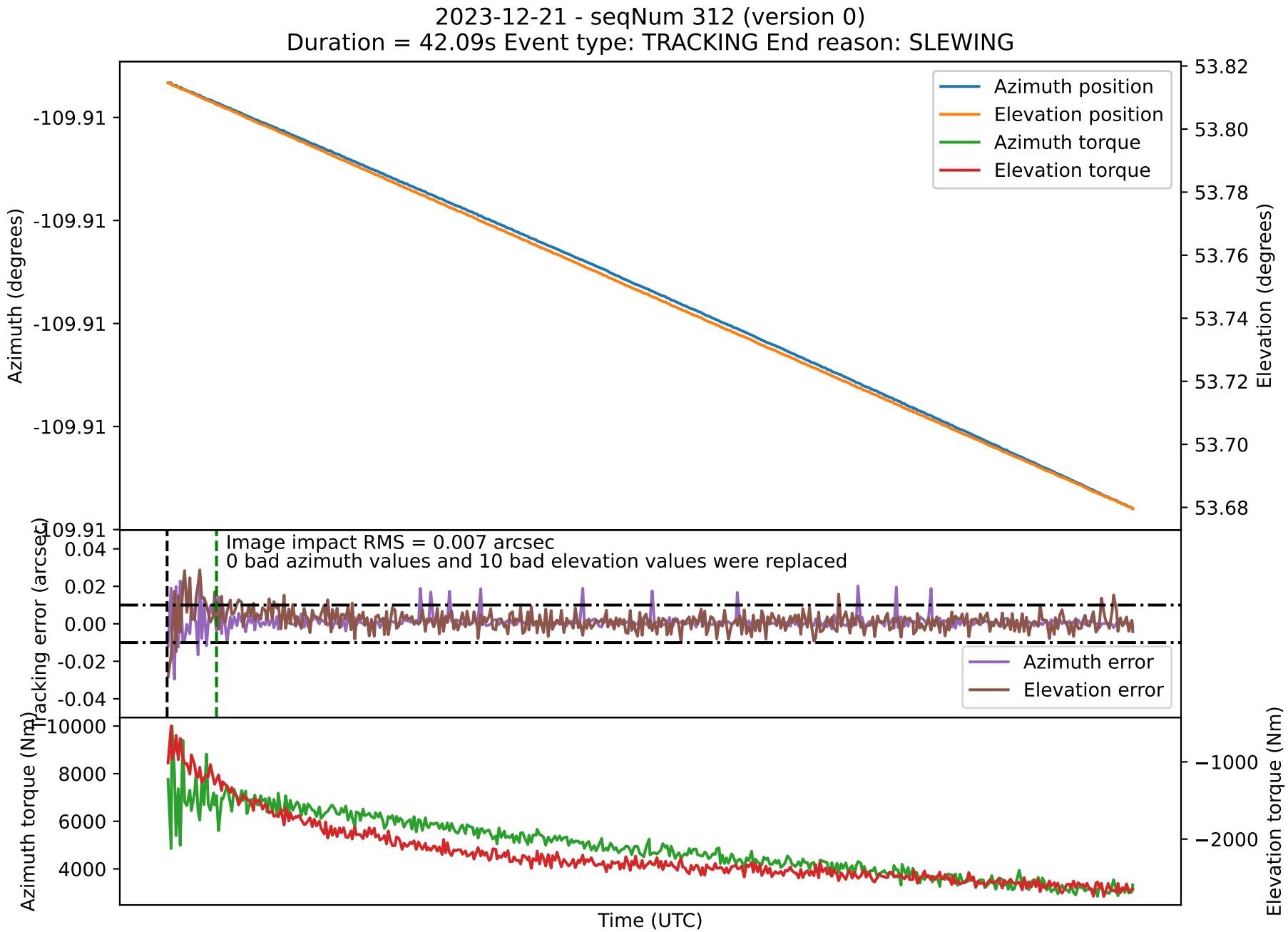

2023-12-21 - seqNum 293 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

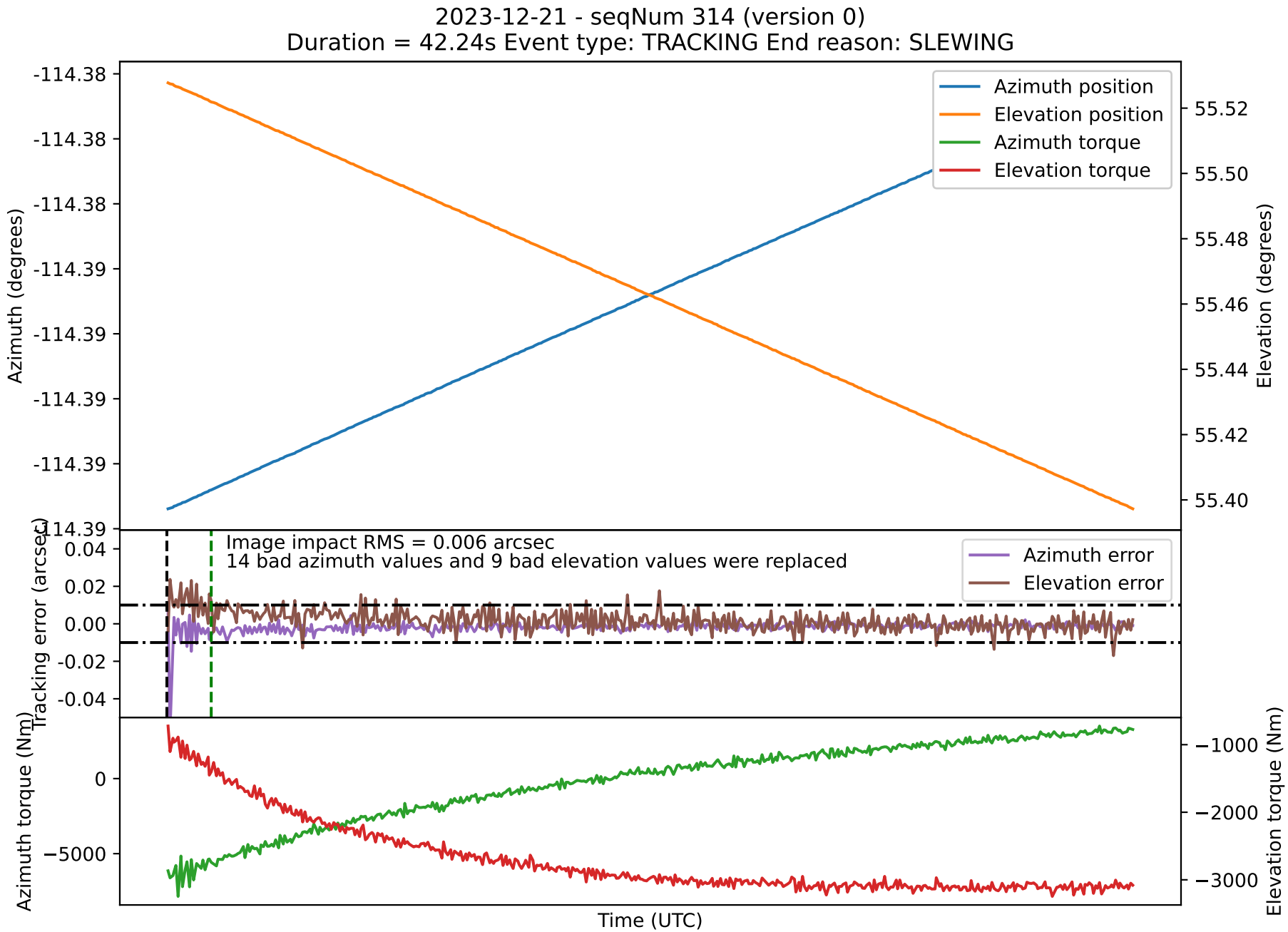

2023-12-21 - seqNum 295 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
144.23
144.20
144.18
144.15
144.12
144.10
144.07
144.05
67.14
67.12
67.10
67.08
67.06
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
14000
12000
10000
8000
−400
−600
−800
Time (UTC)

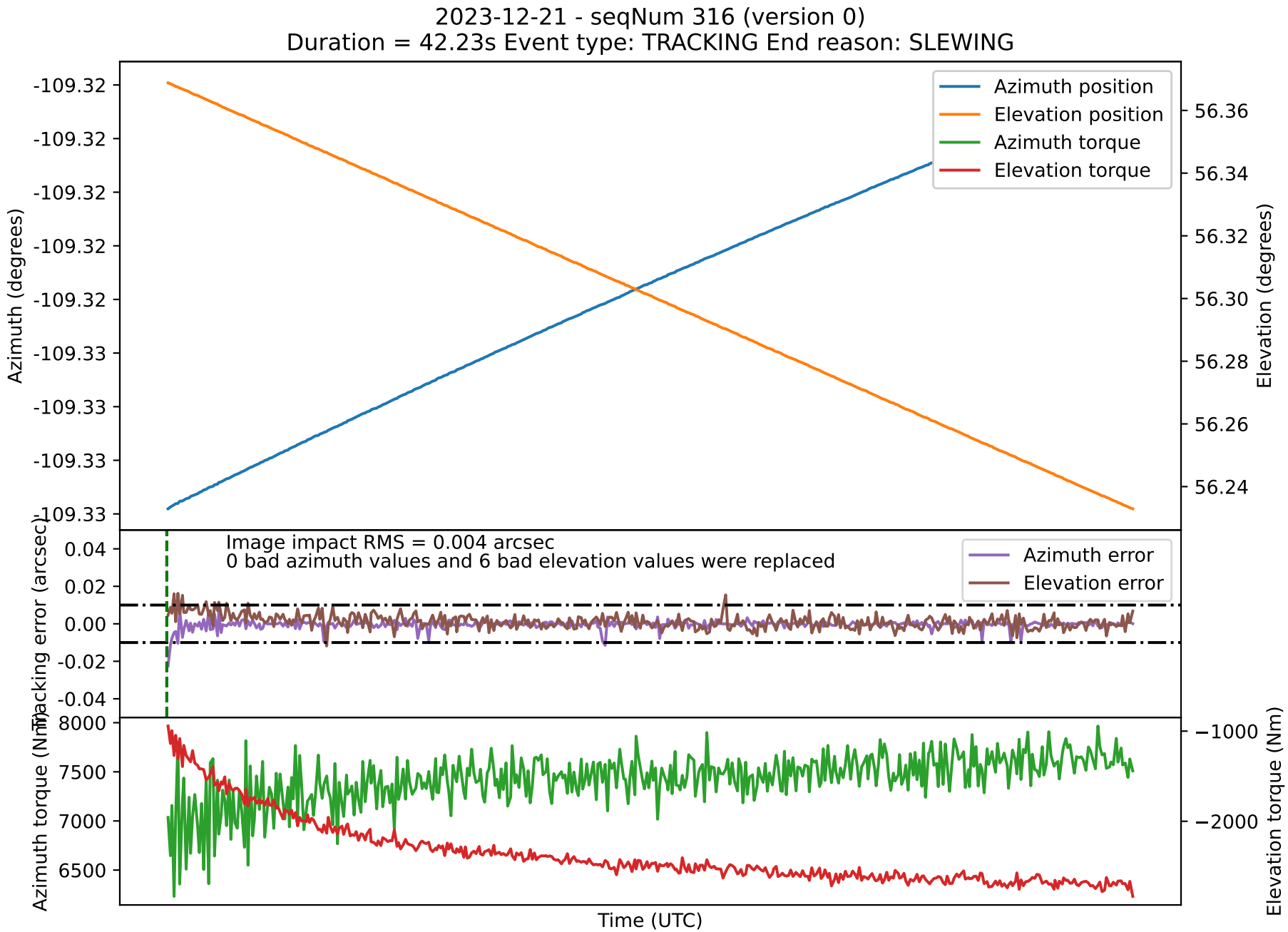

2023-12-21 - seqNum 297 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
3 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

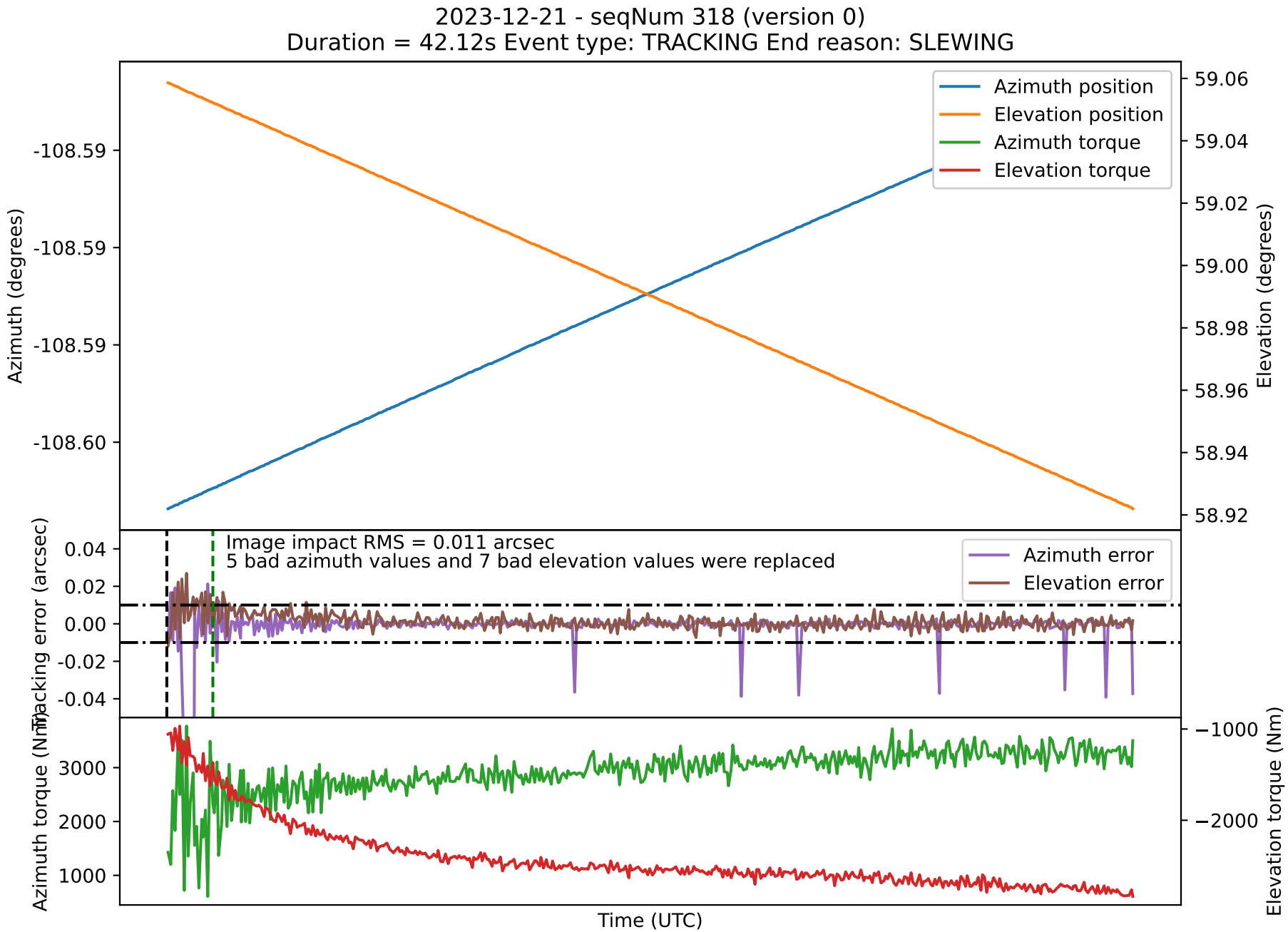

2023-12-21 - seqNum 299 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
145.40
145.35
145.30
145.25
145.20
145.15
72.62
72.60
72.58
72.56
72.54
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−500
−600
−700
Time (UTC)

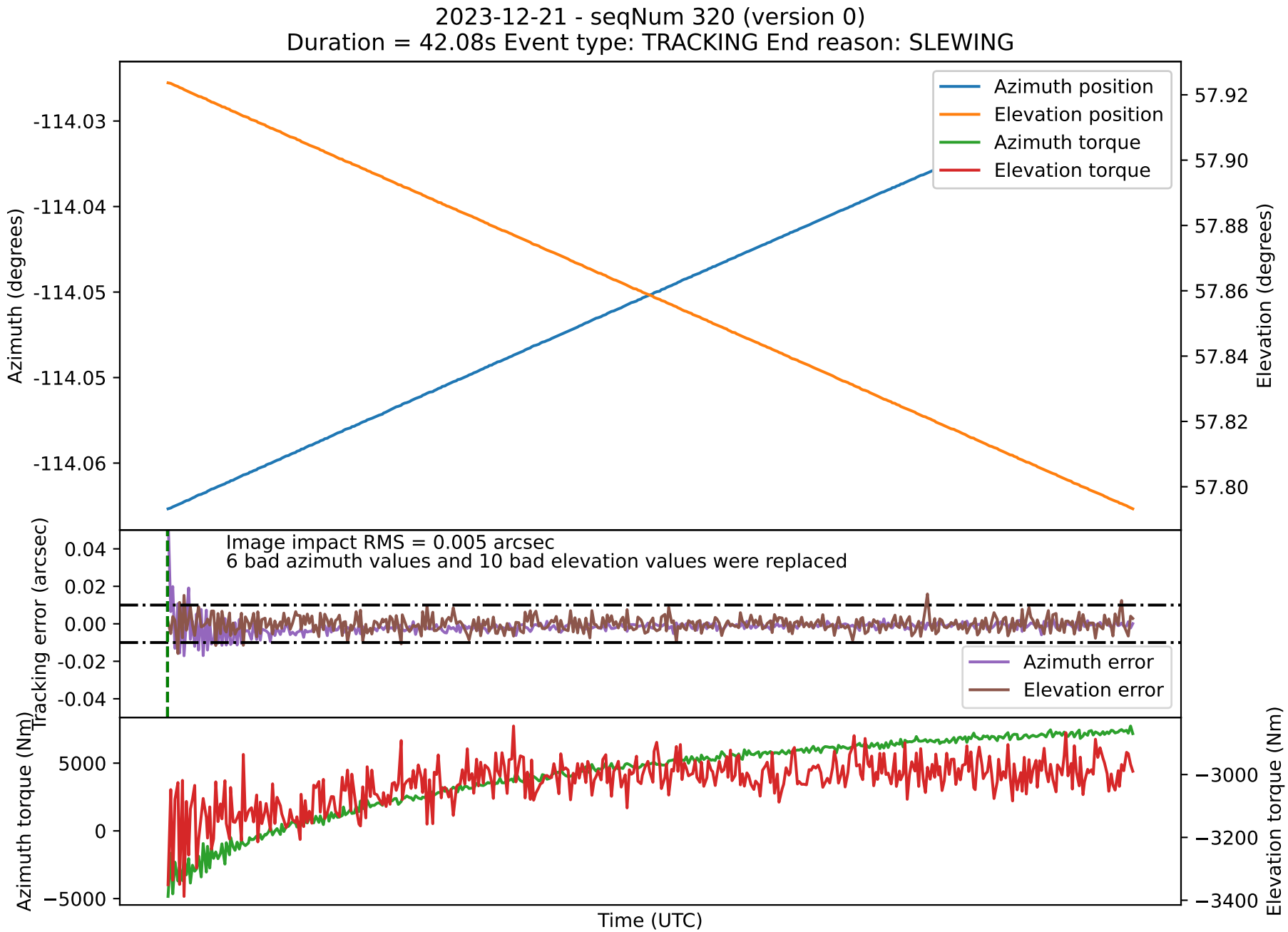

2023-12-21 - seqNum 301 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.017 arcsec
6 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

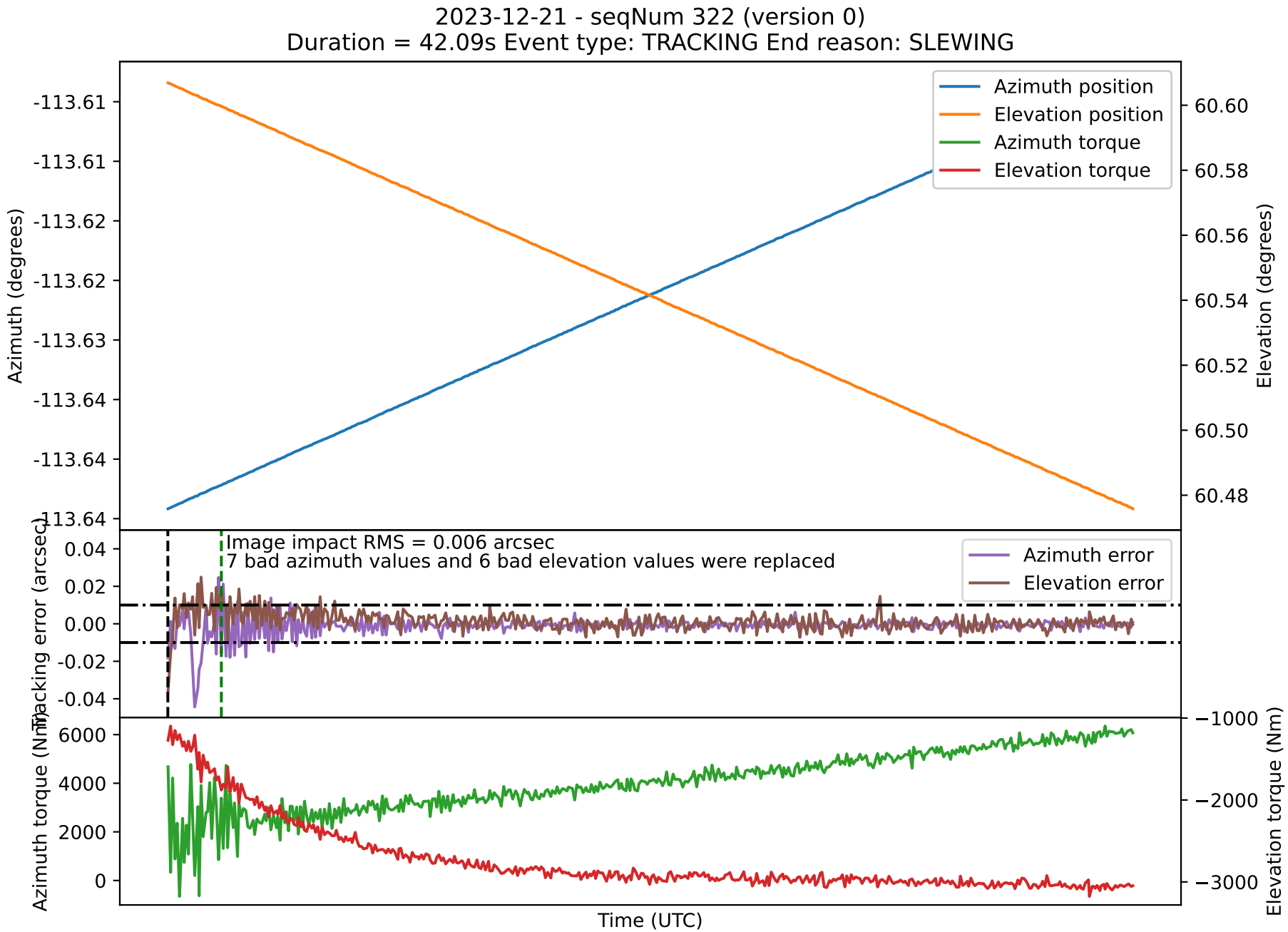

2023-12-21 - seqNum 312 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-109.91
53.82
53.80
53.78
53.76
53.74
53.72
53.70
53.68
Image impact RMS = 0.007 arcsec
0 bad azimuth values and 10 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
4000
−1000
−2000
Time (UTC)

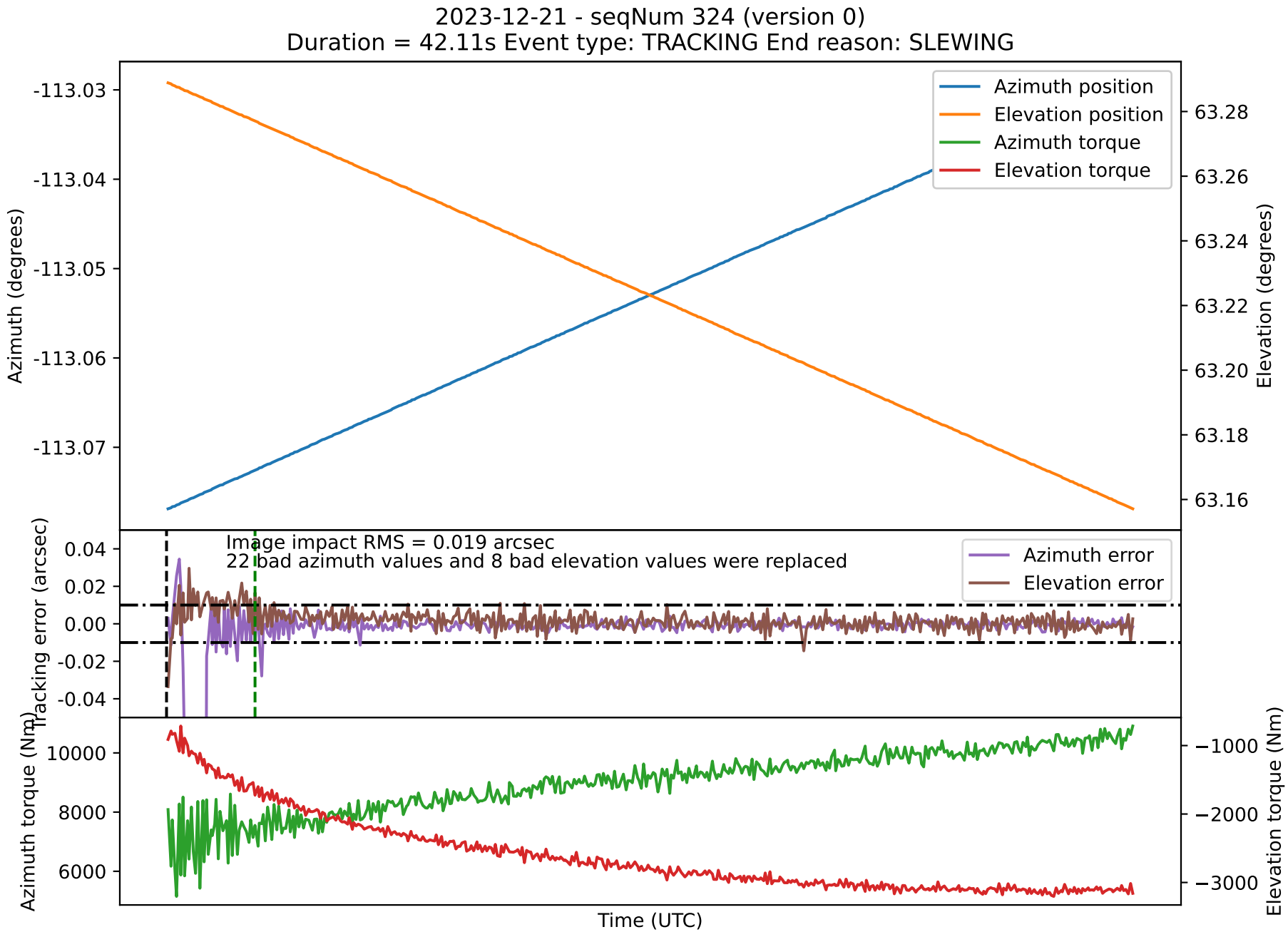

2023-12-21 - seqNum 314 (version 0)
Duration = 42.24s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-114.38
-114.38
-114.38
-114.39
-114.39
-114.39
-114.39
-114.39
55.52
55.50
55.48
55.46
55.44
55.42
55.40
Image impact RMS = 0.006 arcsec
14 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−1000
−2000
−3000
Time (UTC)

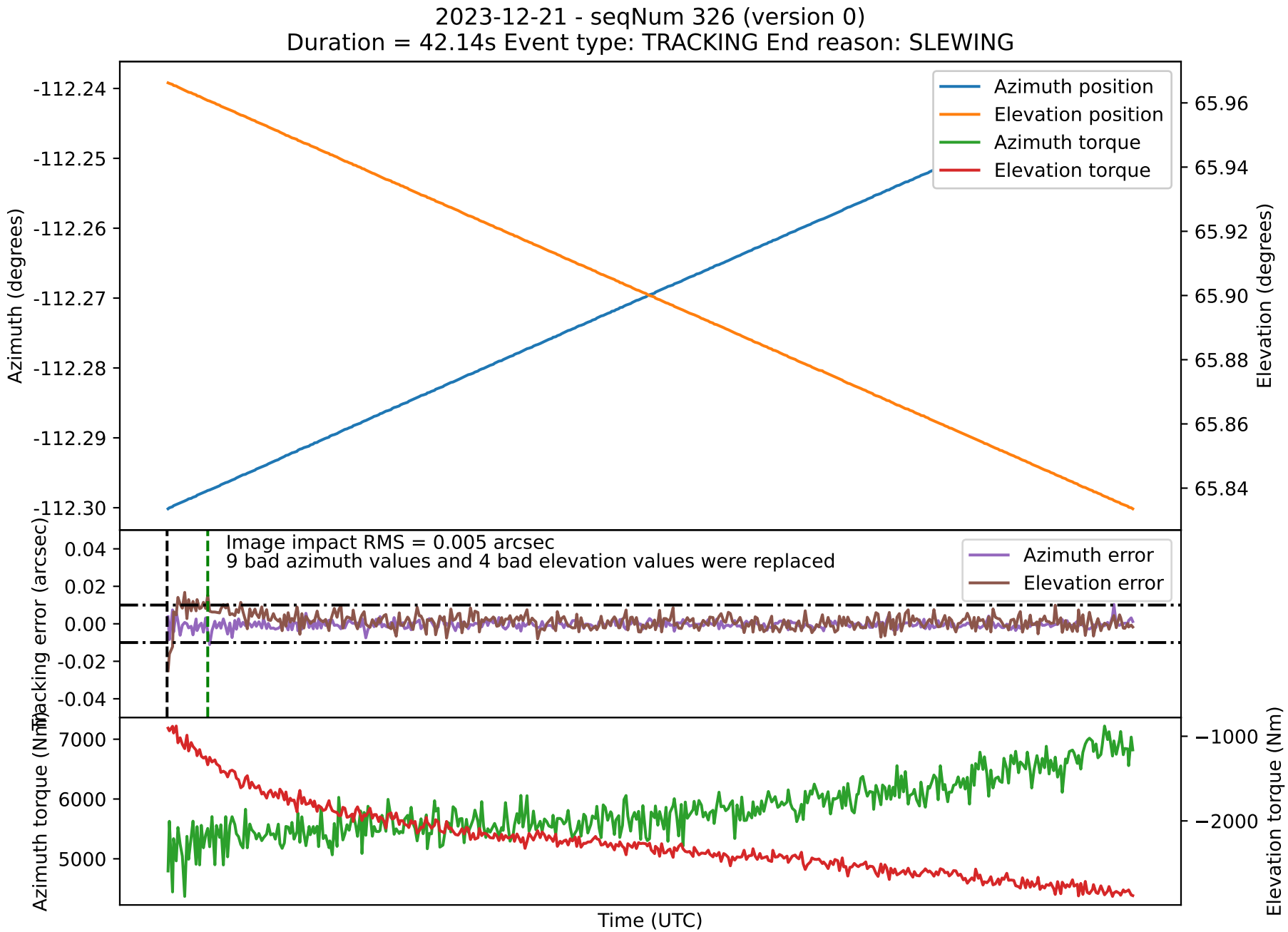

2023-12-21 - seqNum 316 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-109.32
-109.32
-109.32
-109.32
-109.32
-109.33
-109.33
-109.33
-109.33
56.36
56.34
56.32
56.30
56.28
56.26
56.24
Image impact RMS = 0.004 arcsec
0 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
7500
7000
6500
−1000
−2000
Time (UTC)

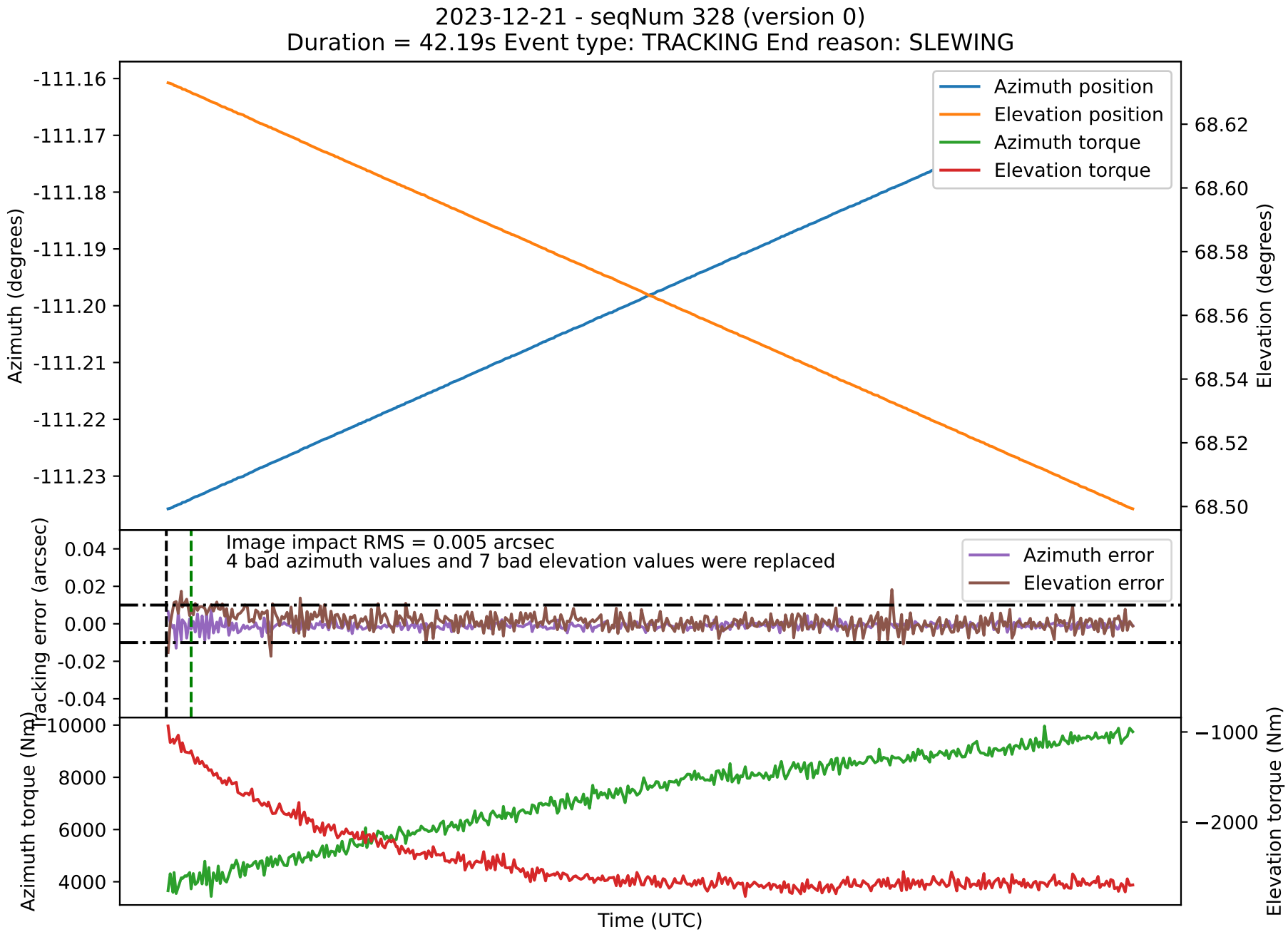

2023-12-21 - seqNum 318 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-108.59
-108.59
-108.59
-108.60
59.06
59.04
59.02
59.00
58.98
58.96
58.94
58.92
Image impact RMS = 0.011 arcsec
5 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
3000
2000
1000
−1000
−2000
Time (UTC)

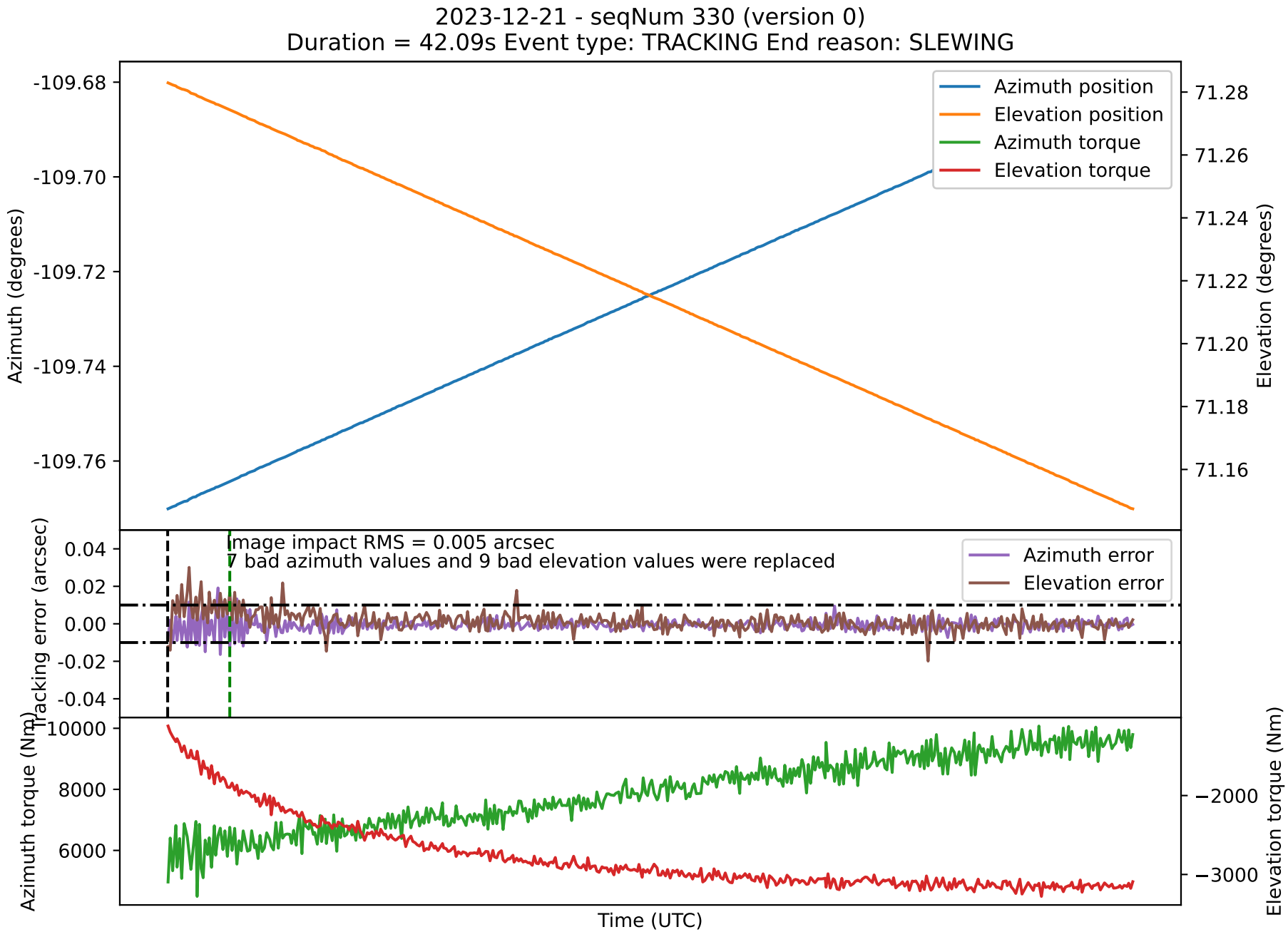

2023-12-21 - seqNum 320 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-114.03
-114.04
-114.05
-114.05
-114.06
57.92
57.90
57.88
57.86
57.84
57.82
57.80
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 10 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−3000
−3200
−3400
Time (UTC)

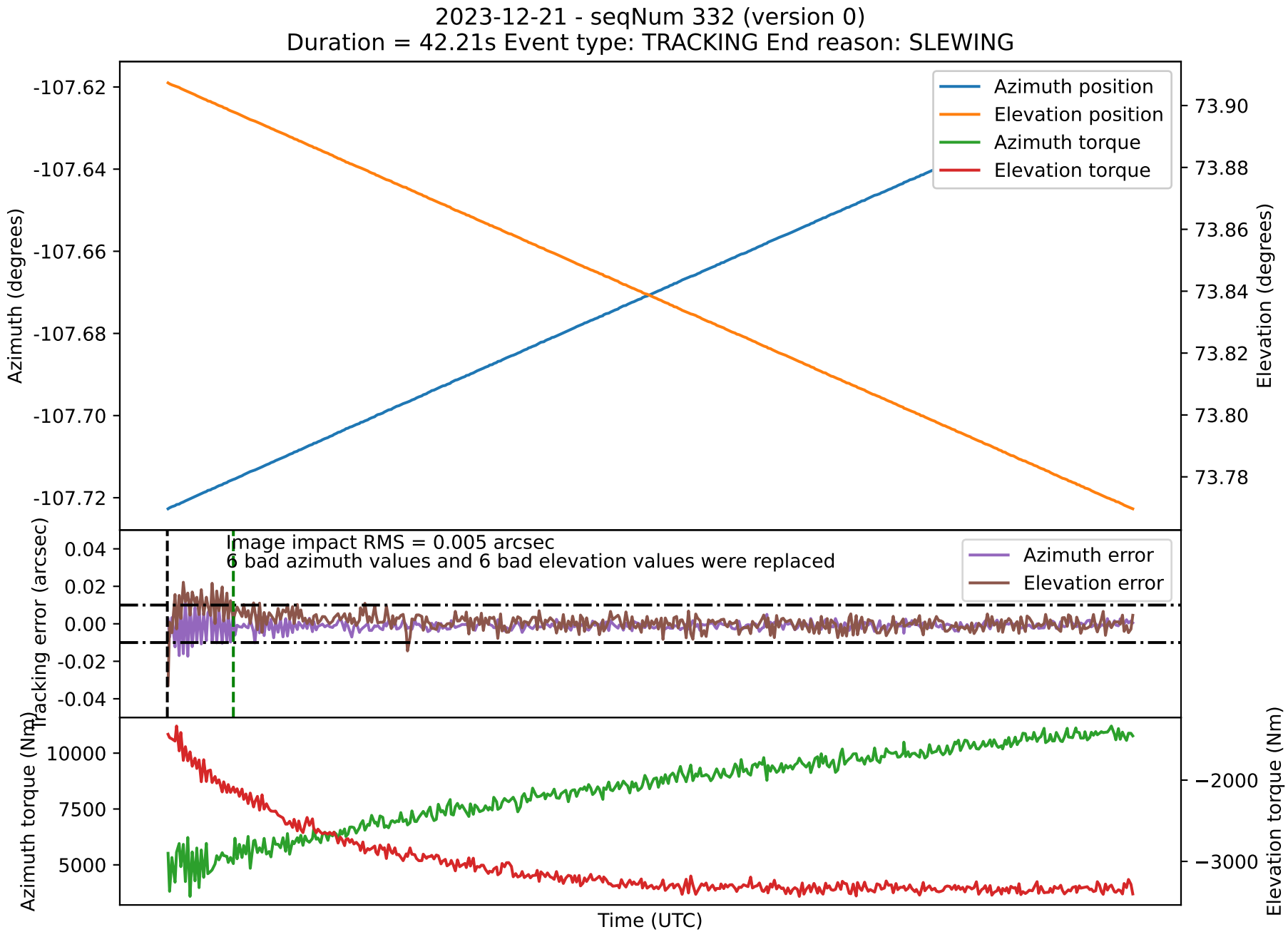

2023-12-21 - seqNum 322 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.61
-113.61
-113.62
-113.62
-113.63
-113.64
-113.64
-113.64
60.60
60.58
60.56
60.54
60.52
60.50
60.48
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
6000
4000
2000
0
−1000
−2000
−3000
Time (UTC)

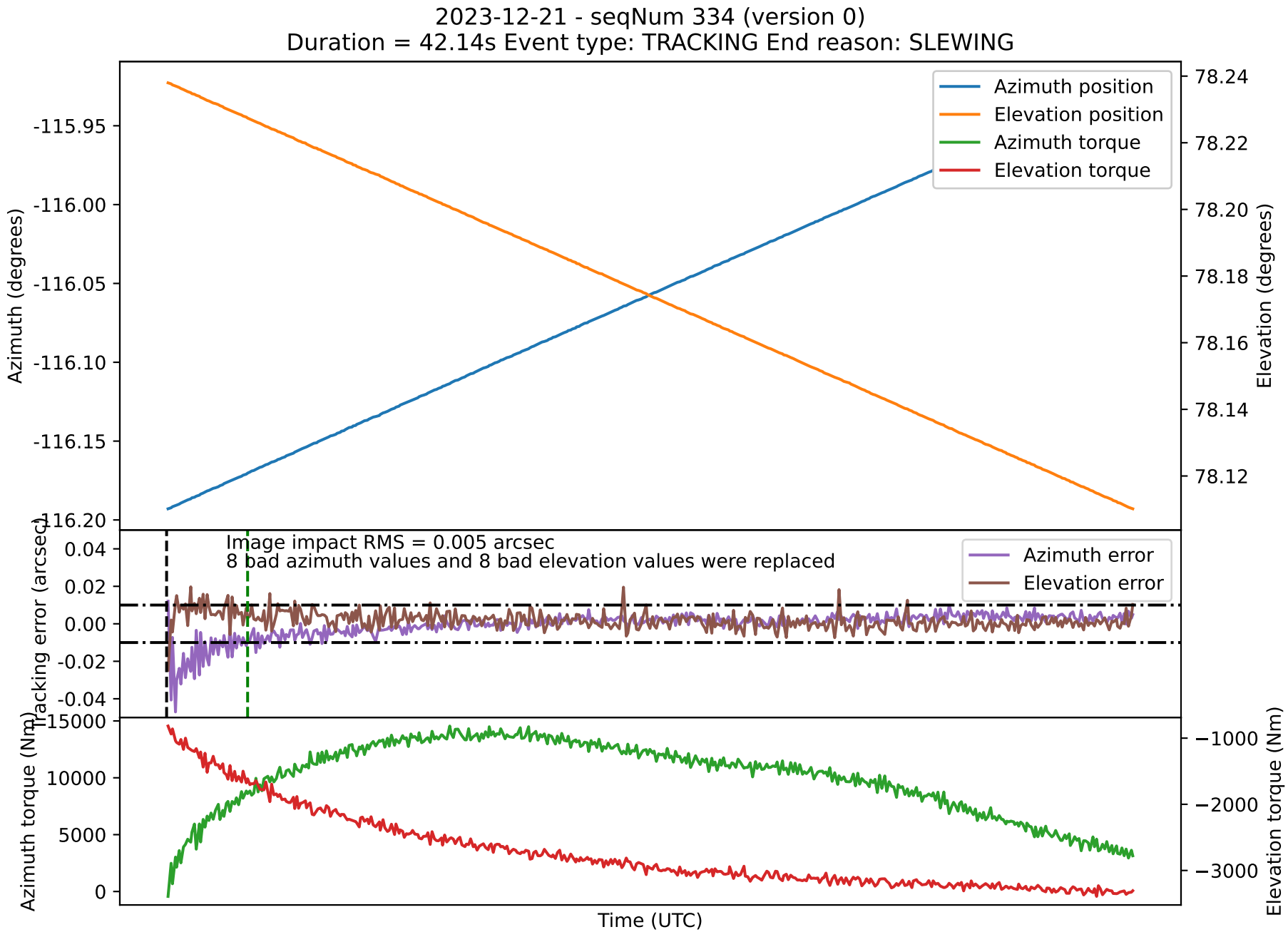

2023-12-21 - seqNum 324 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-113.03
-113.04
-113.05
-113.06
-113.07
63.28
63.26
63.24
63.22
63.20
63.18
63.16
Image impact RMS = 0.019 arcsec
22 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−1000
−2000
−3000
Time (UTC)

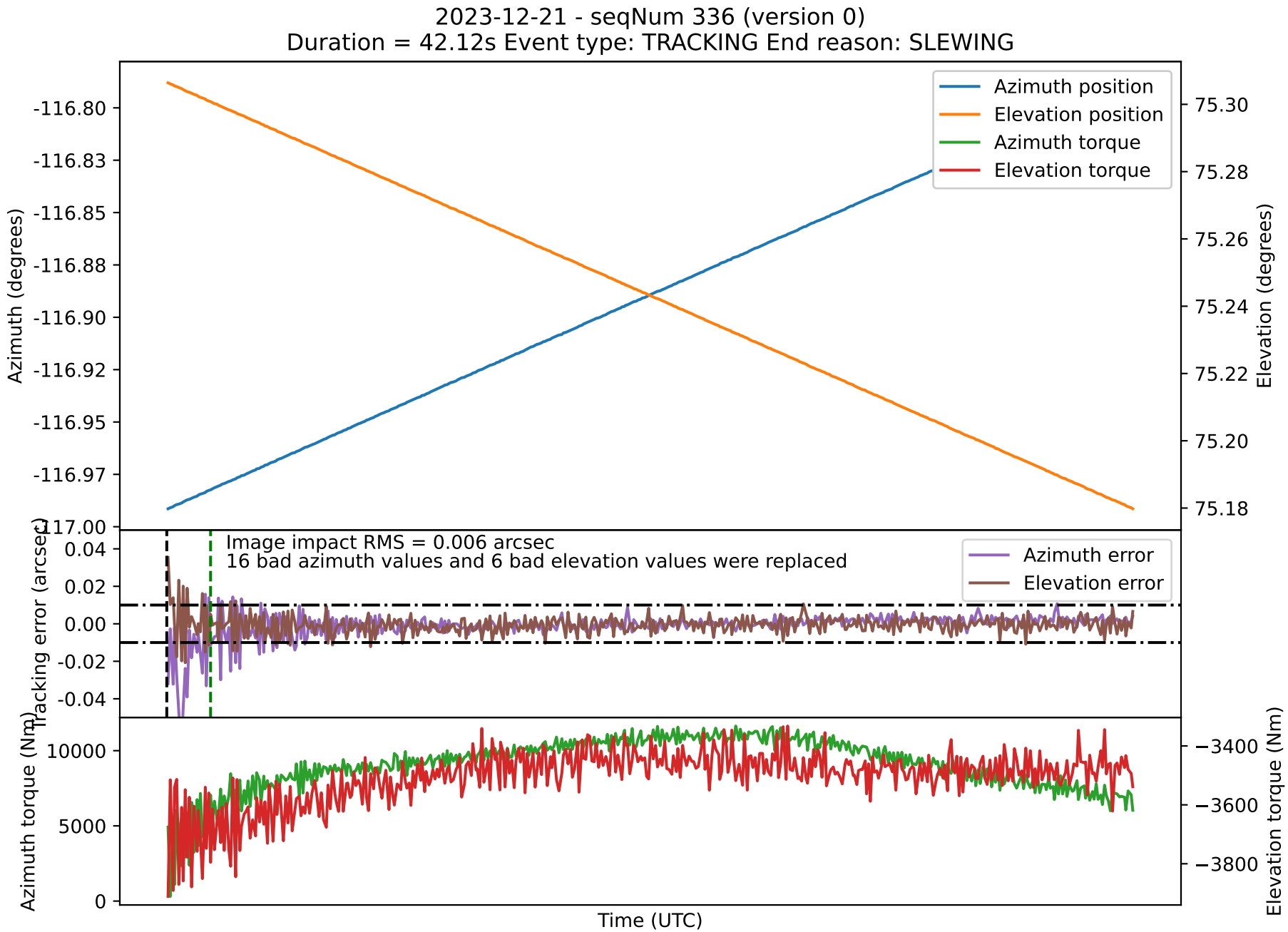

2023-12-21 - seqNum 326 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-112.24
-112.25
-112.26
-112.27
-112.28
-112.29
-112.30
65.96
65.94
65.92
65.90
65.88
65.86
65.84
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
7000
6000
5000
−1000
−2000
Time (UTC)

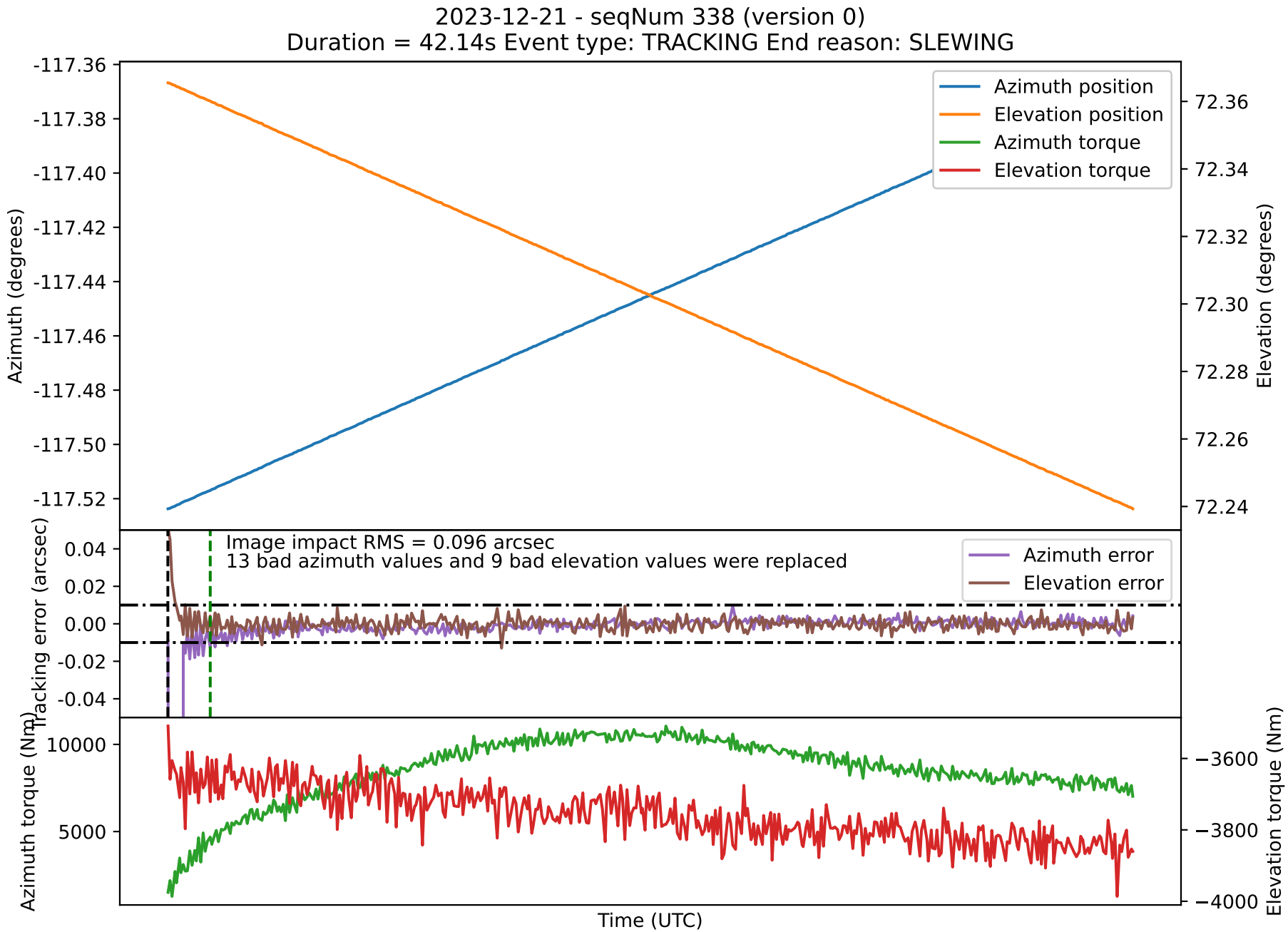

2023-12-21 - seqNum 328 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-111.16
-111.17
-111.18
-111.19
-111.20
-111.21
-111.22
-111.23
68.62
68.60
68.58
68.56
68.54
68.52
68.50
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
4000
−1000
−2000
Time (UTC)

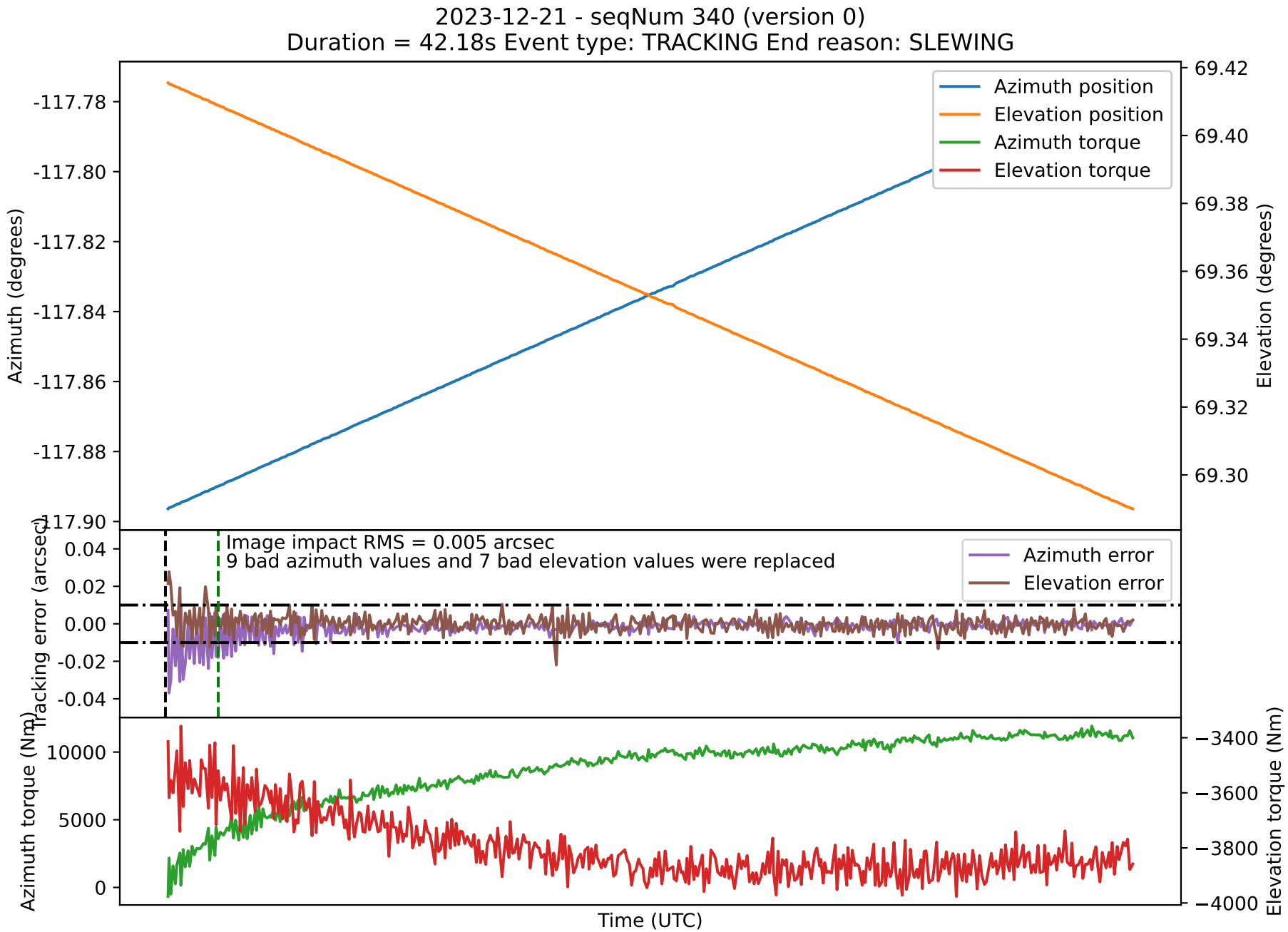

2023-12-21 - seqNum 330 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-109.68
-109.70
-109.72
-109.74
-109.76
71.28
71.26
71.24
71.22
71.20
71.18
71.16
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−2000
−3000
Time (UTC)

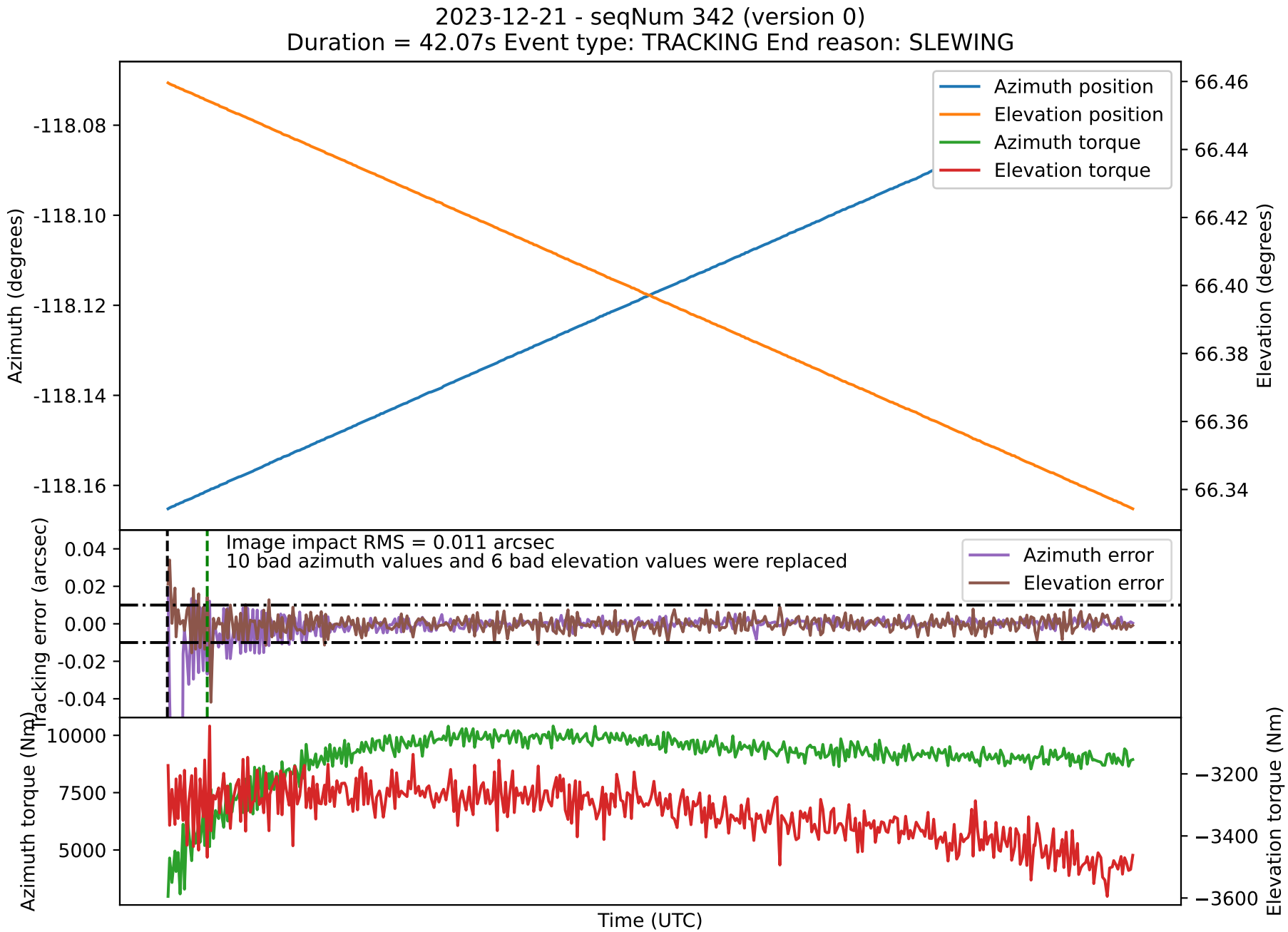

2023-12-21 - seqNum 332 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-107.62
-107.64
-107.66
-107.68
-107.70
-107.72
73.90
73.88
73.86
73.84
73.82
73.80
73.78
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
7500
5000
−2000
−3000
Time (UTC)

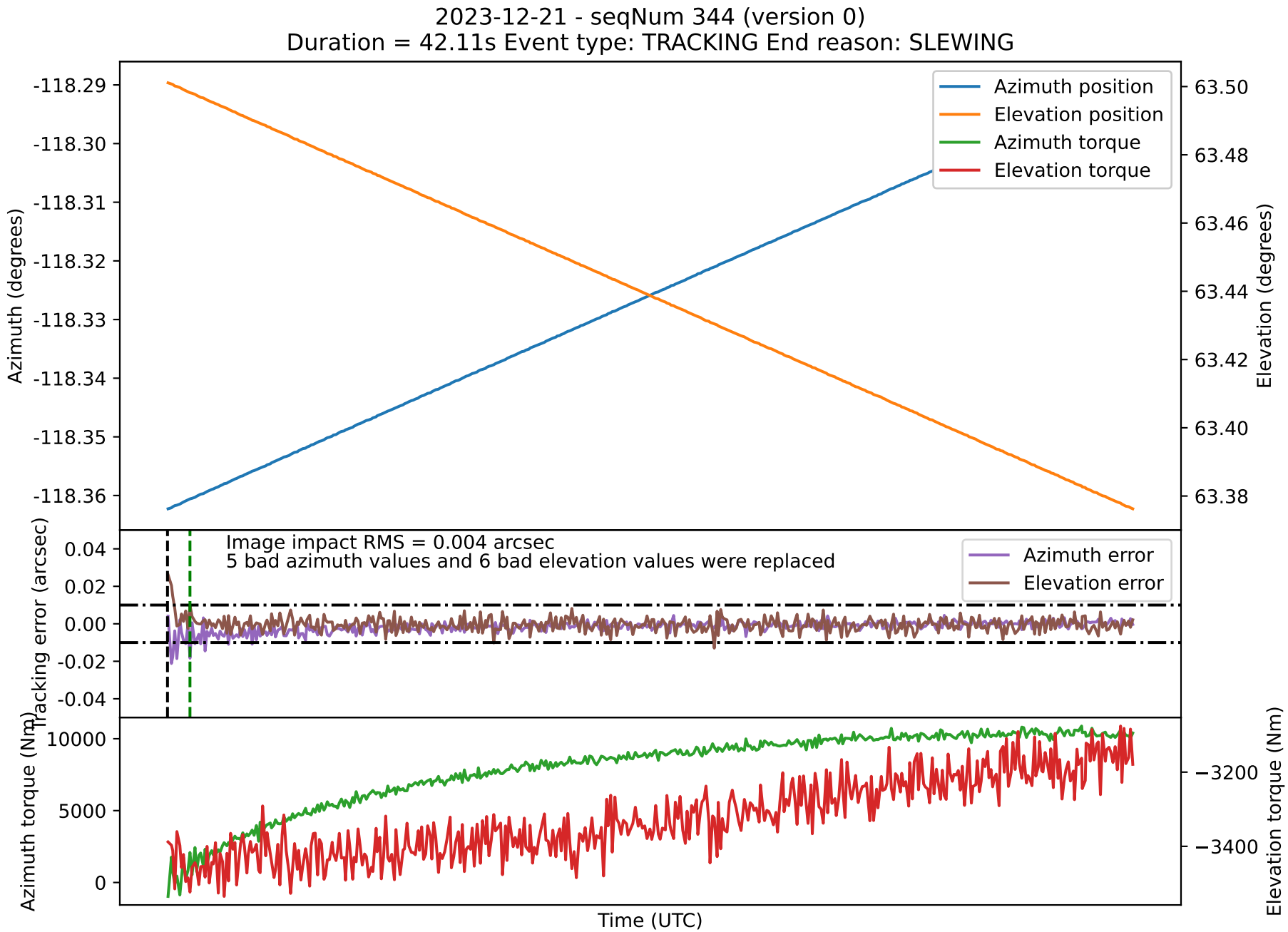

2023-12-21 - seqNum 334 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-115.95
-116.00
-116.05
-116.10
-116.15
-116.20
78.24
78.22
78.20
78.18
78.16
78.14
78.12
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
10000
5000
0
−1000
−2000
−3000
Time (UTC)

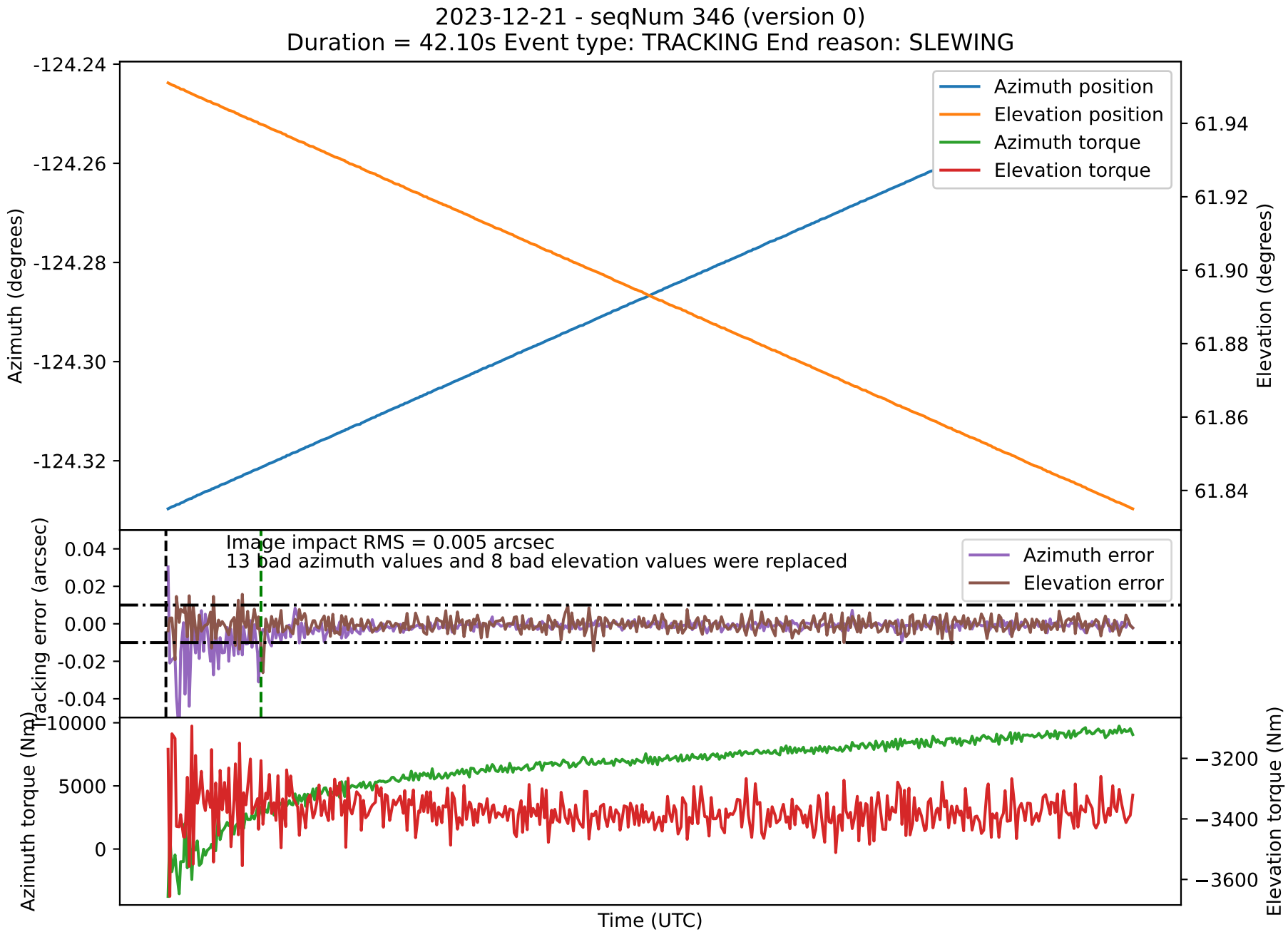

2023-12-21 - seqNum 336 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-116.80
-116.83
-116.85
-116.88
-116.90
-116.92
-116.95
-116.97
-117.00
75.30
75.28
75.26
75.24
75.22
75.20
75.18
Image impact RMS = 0.006 arcsec
16 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−3400
−3600
−3800
Time (UTC)

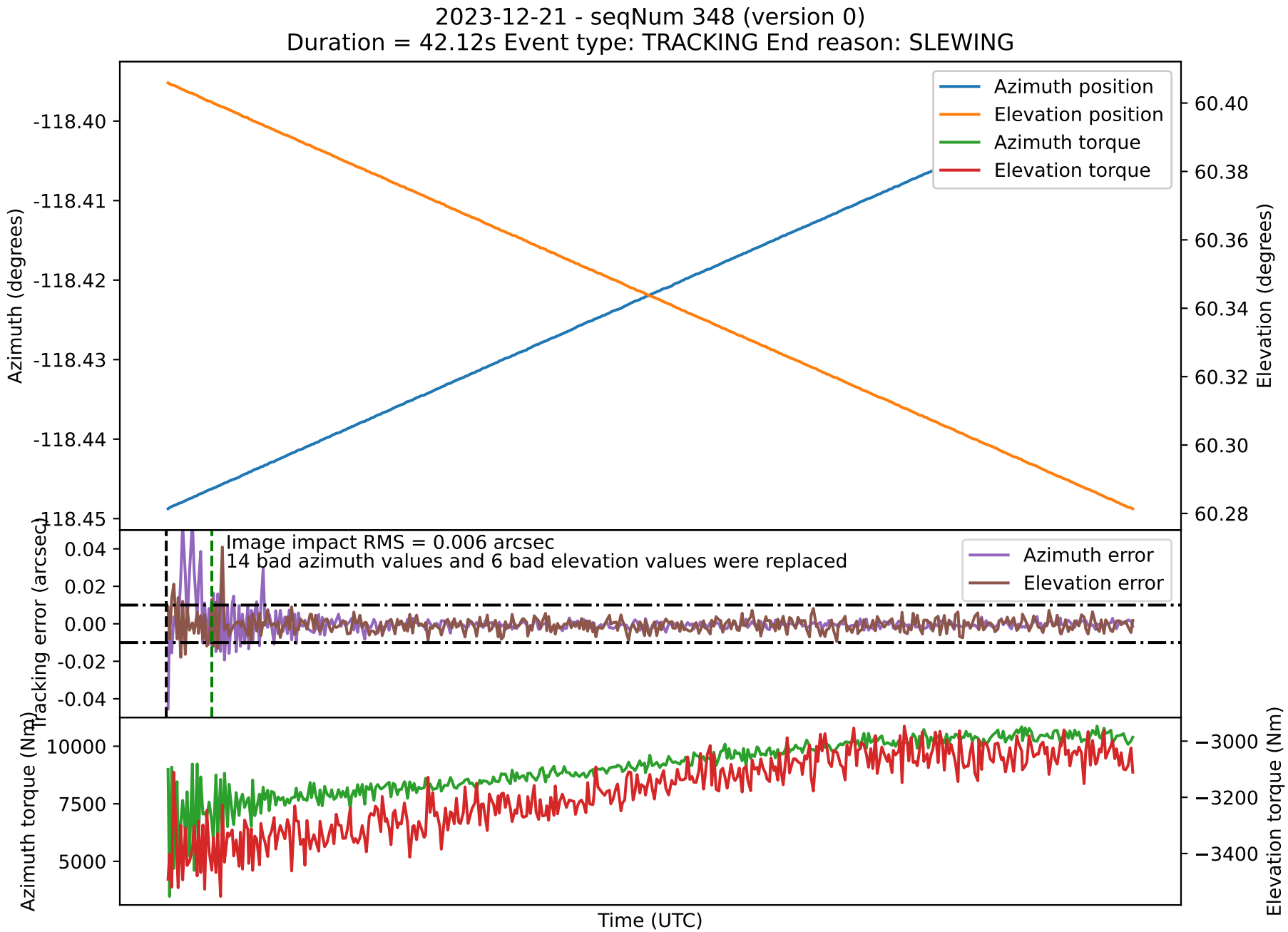

2023-12-21 - seqNum 338 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-117.36
-117.38
-117.40
-117.42
-117.44
-117.46
-117.48
-117.50
-117.52
72.36
72.34
72.32
72.30
72.28
72.26
72.24
Image impact RMS = 0.096 arcsec
13 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
−3600
−3800
−4000
Time (UTC)

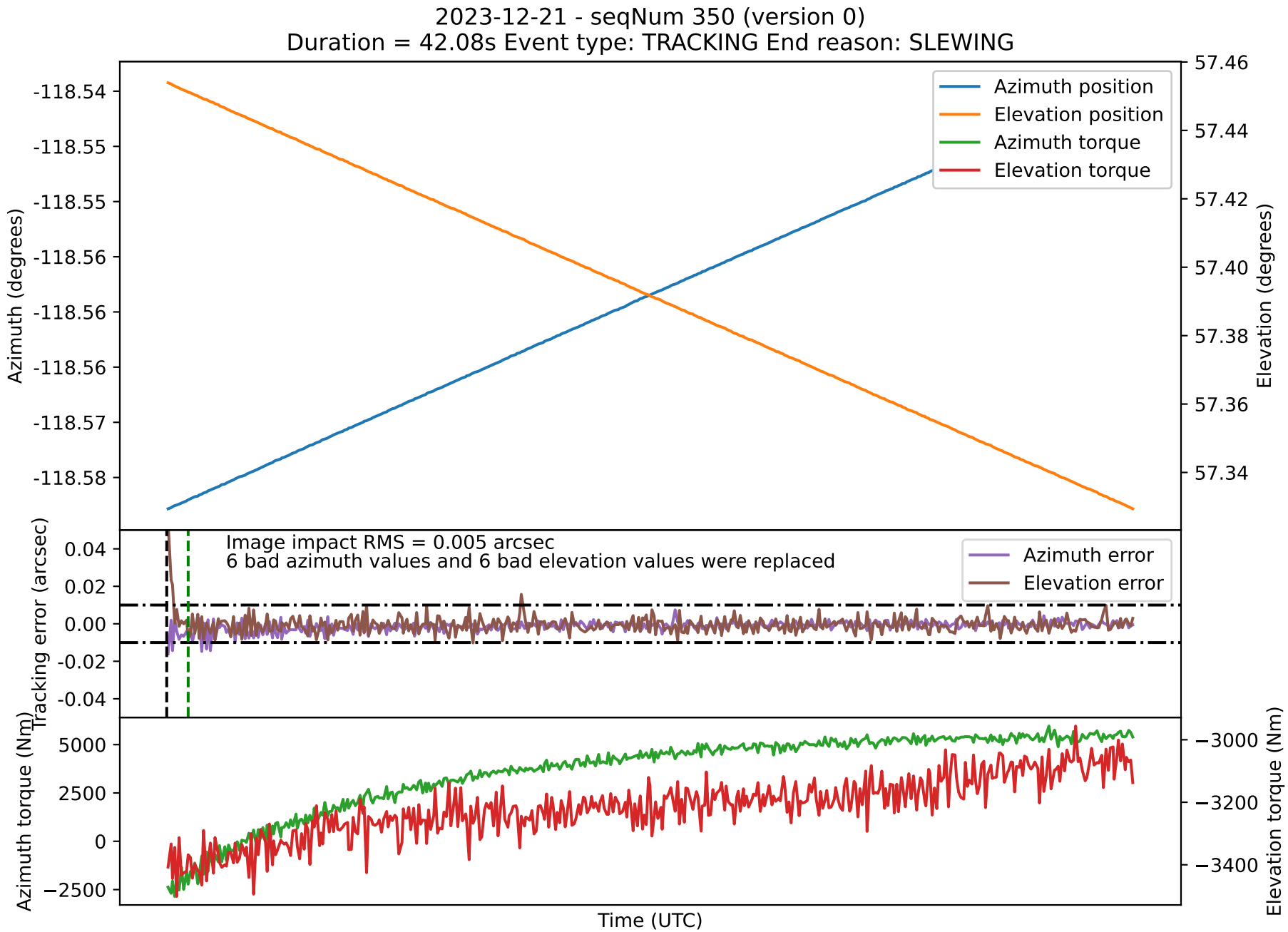

2023-12-21 - seqNum 340 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-117.78
-117.80
-117.82
-117.84
-117.86
-117.88
-117.90
69.42
69.40
69.38
69.36
69.34
69.32
69.30
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−3400
−3600
−3800
−4000
Time (UTC)

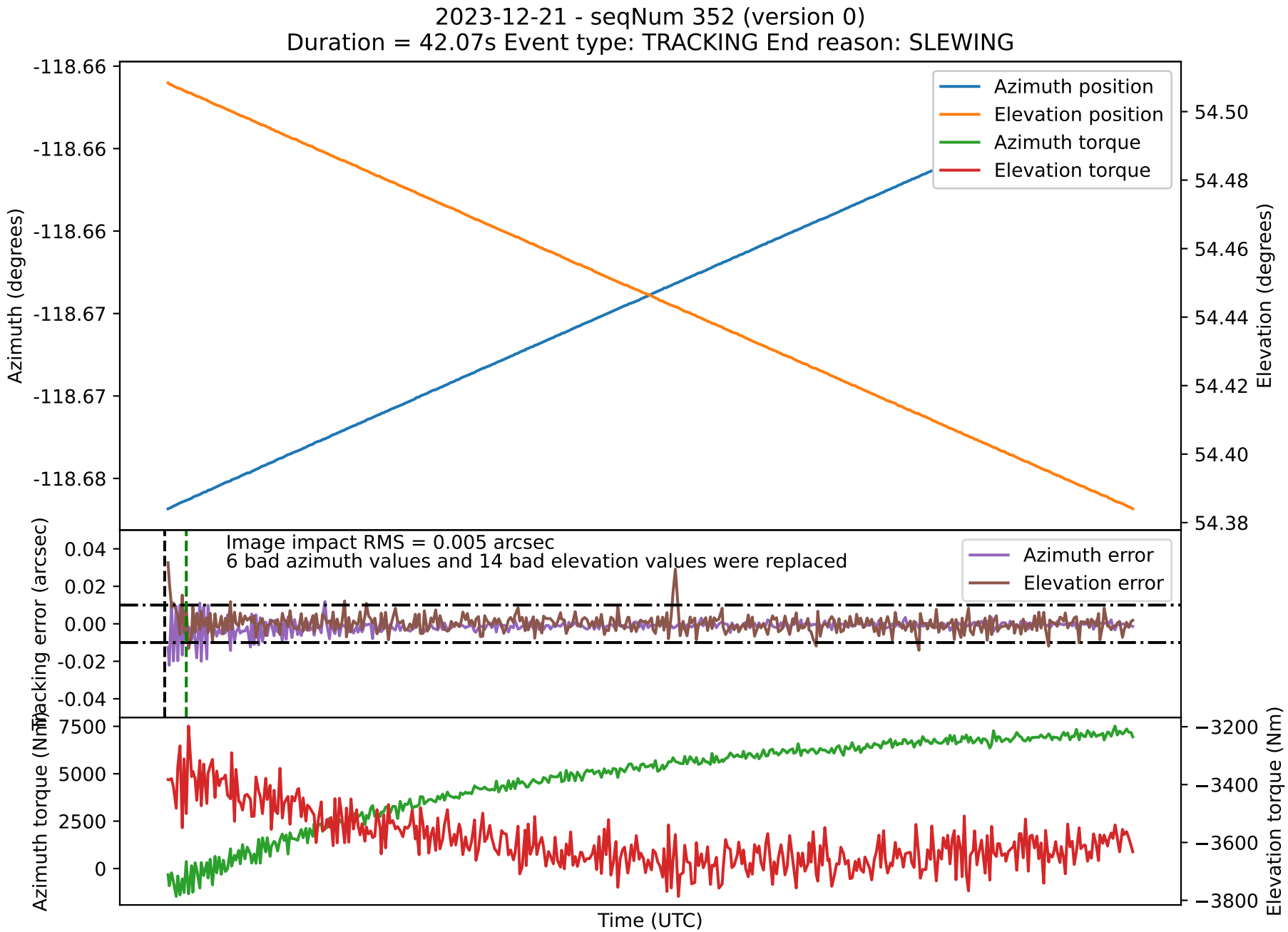

2023-12-21 - seqNum 342 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.08
-118.10
-118.12
-118.14
-118.16
66.46
66.44
66.42
66.40
66.38
66.36
66.34
Image impact RMS = 0.011 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
7500
5000
−3200
−3400
−3600
Time (UTC)

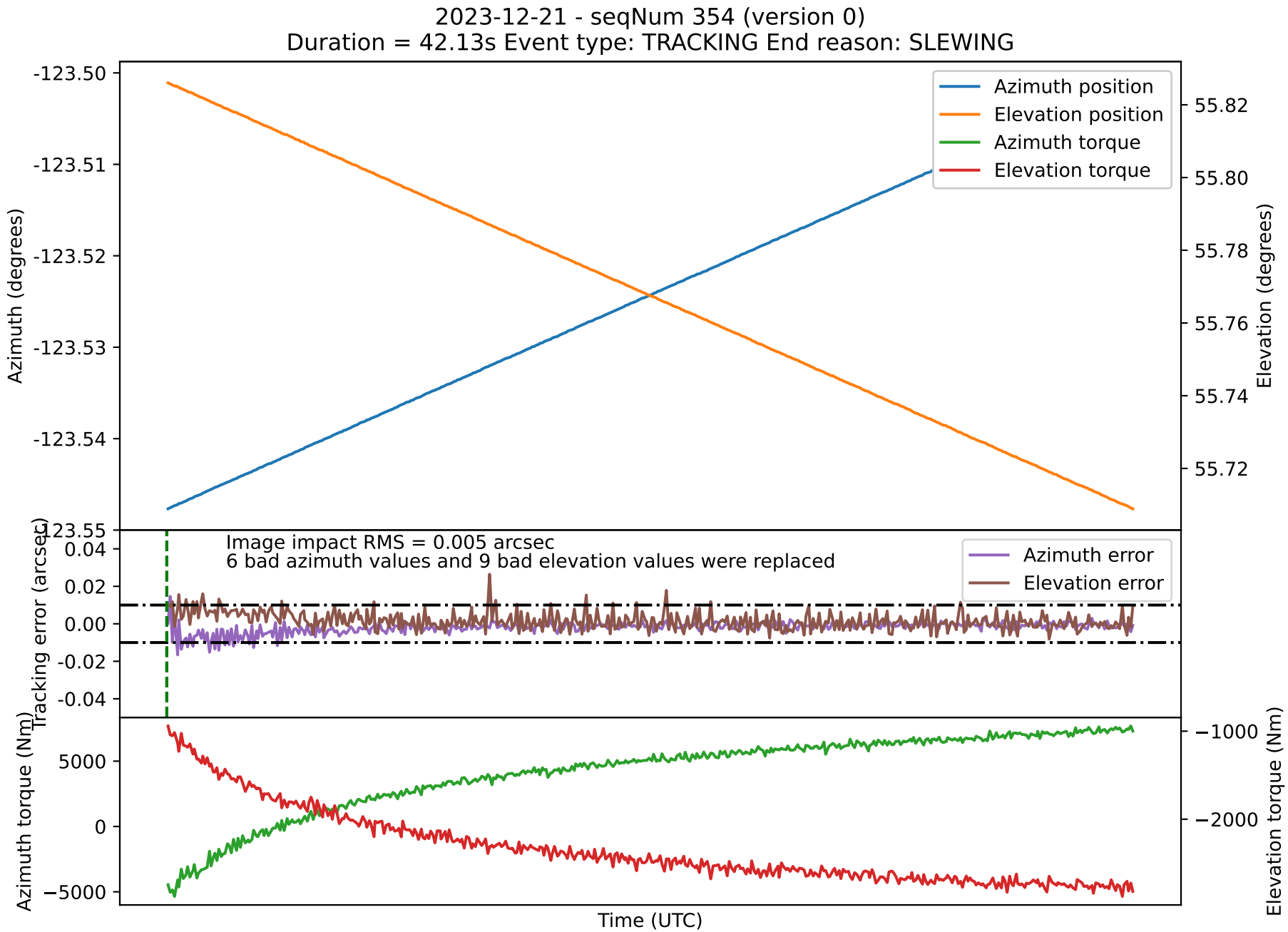

2023-12-21 - seqNum 344 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.29
-118.30
-118.31
-118.32
-118.33
-118.34
-118.35
-118.36
63.50
63.48
63.46
63.44
63.42
63.40
63.38
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−3200
−3400
Time (UTC)

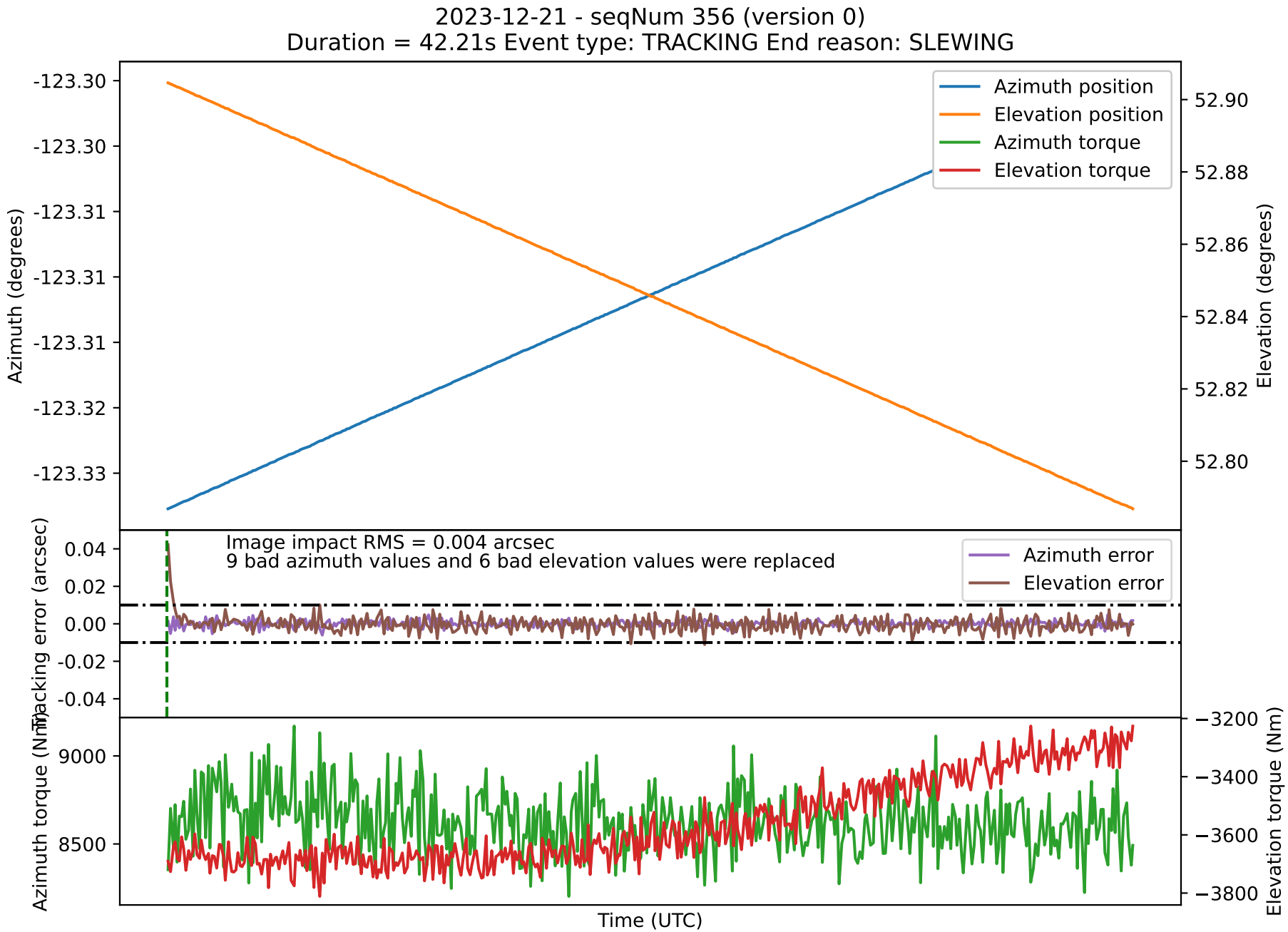

2023-12-21 - seqNum 346 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-124.24
-124.26
-124.28
-124.30
-124.32
61.94
61.92
61.90
61.88
61.86
61.84
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−3200
−3400
−3600
Time (UTC)

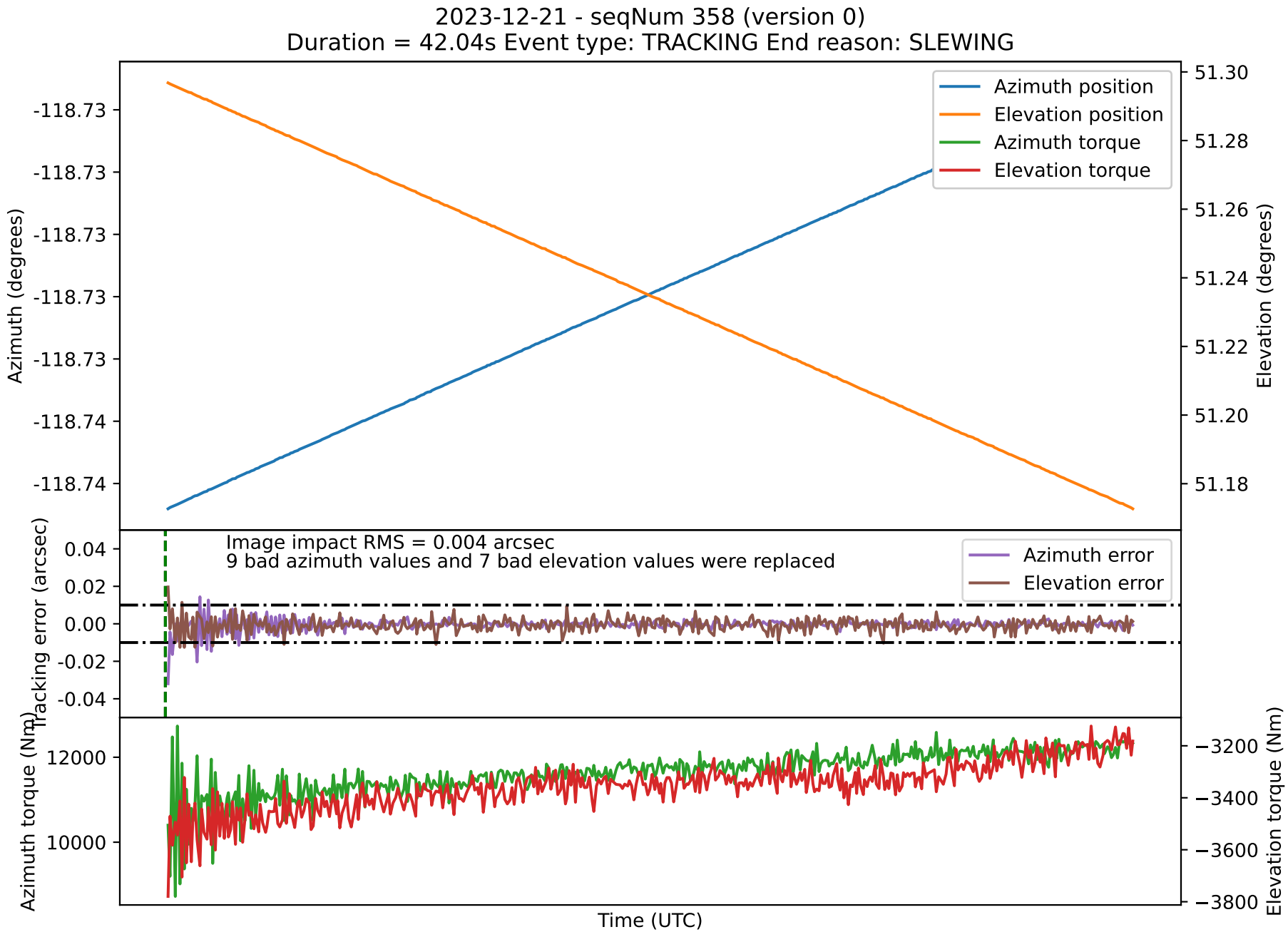

2023-12-21 - seqNum 348 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.40
-118.41
-118.42
-118.43
-118.44
-118.45
60.40
60.38
60.36
60.34
60.32
60.30
60.28
Image impact RMS = 0.006 arcsec
14 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
7500
5000
−3000
−3200
−3400
Time (UTC)

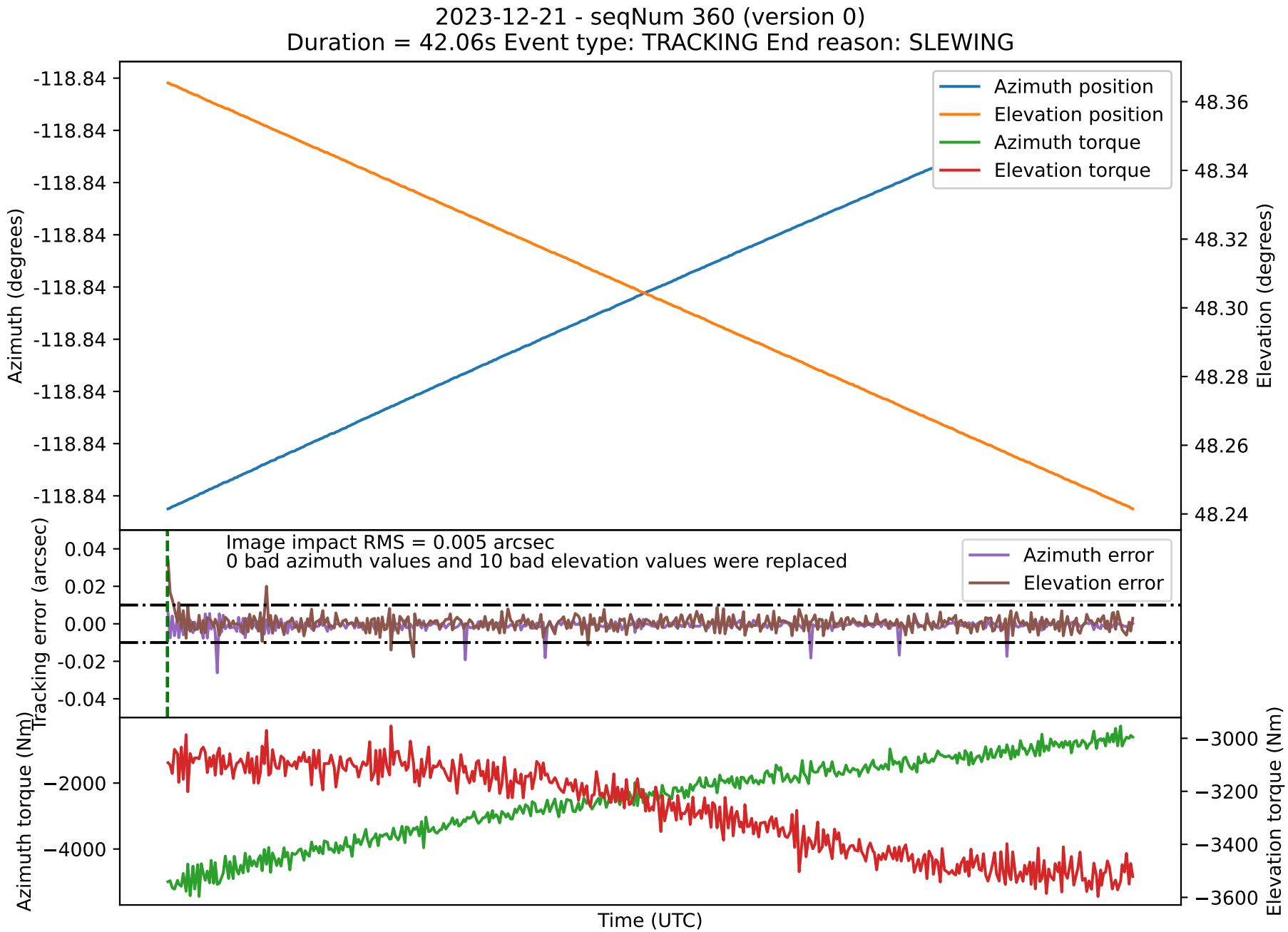

2023-12-21 - seqNum 350 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.54
-118.55
-118.55
-118.56
-118.56
-118.56
-118.57
-118.58
57.46
57.44
57.42
57.40
57.38
57.36
57.34
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
2500
0
−2500
−3000
−3200
−3400
Time (UTC)

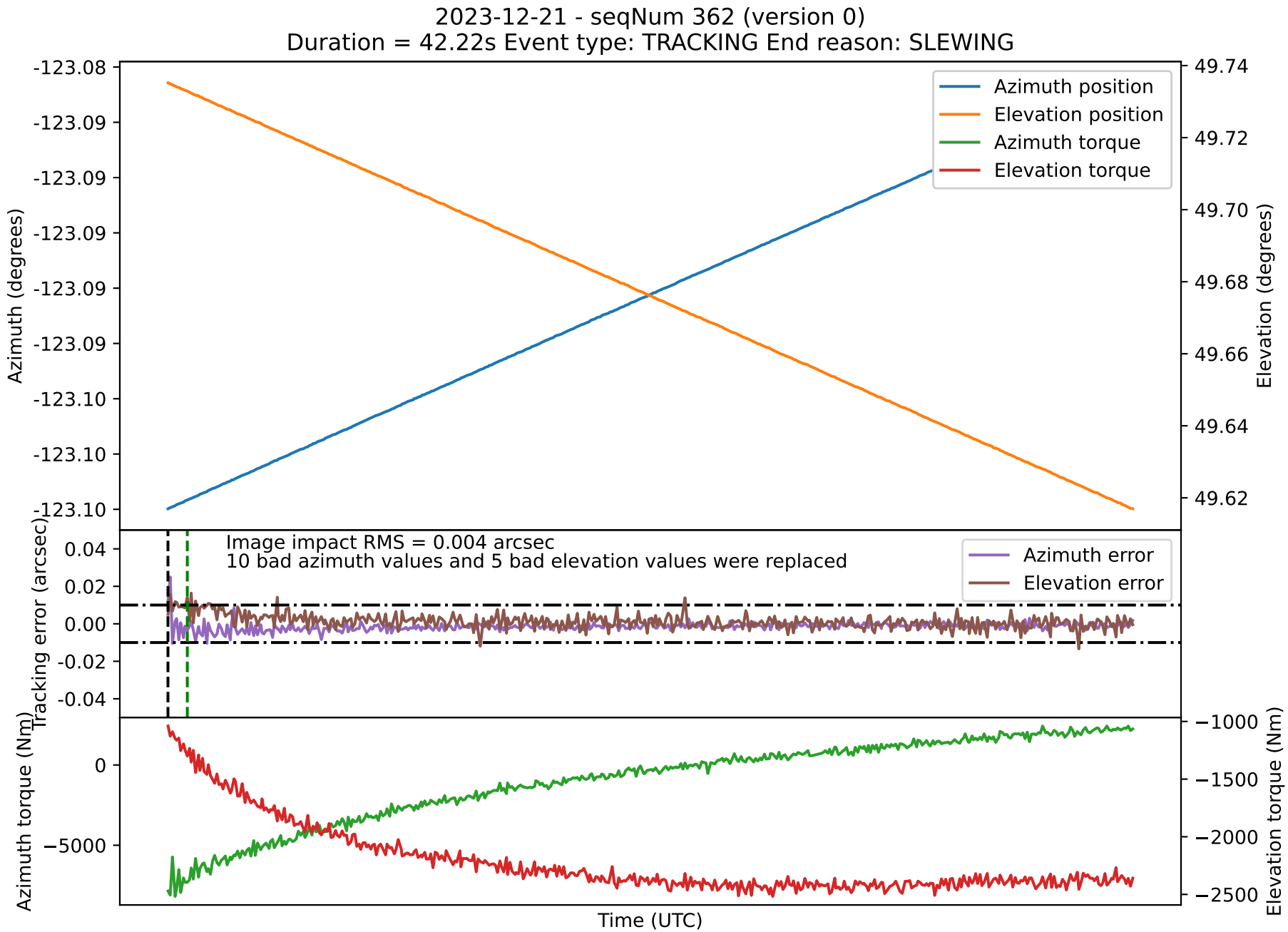

2023-12-21 - seqNum 352 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.66
-118.66
-118.66
-118.67
-118.67
-118.68
54.50
54.48
54.46
54.44
54.42
54.40
54.38
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 14 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
7500
5000
2500
0
−3200
−3400
−3600
−3800
Time (UTC)

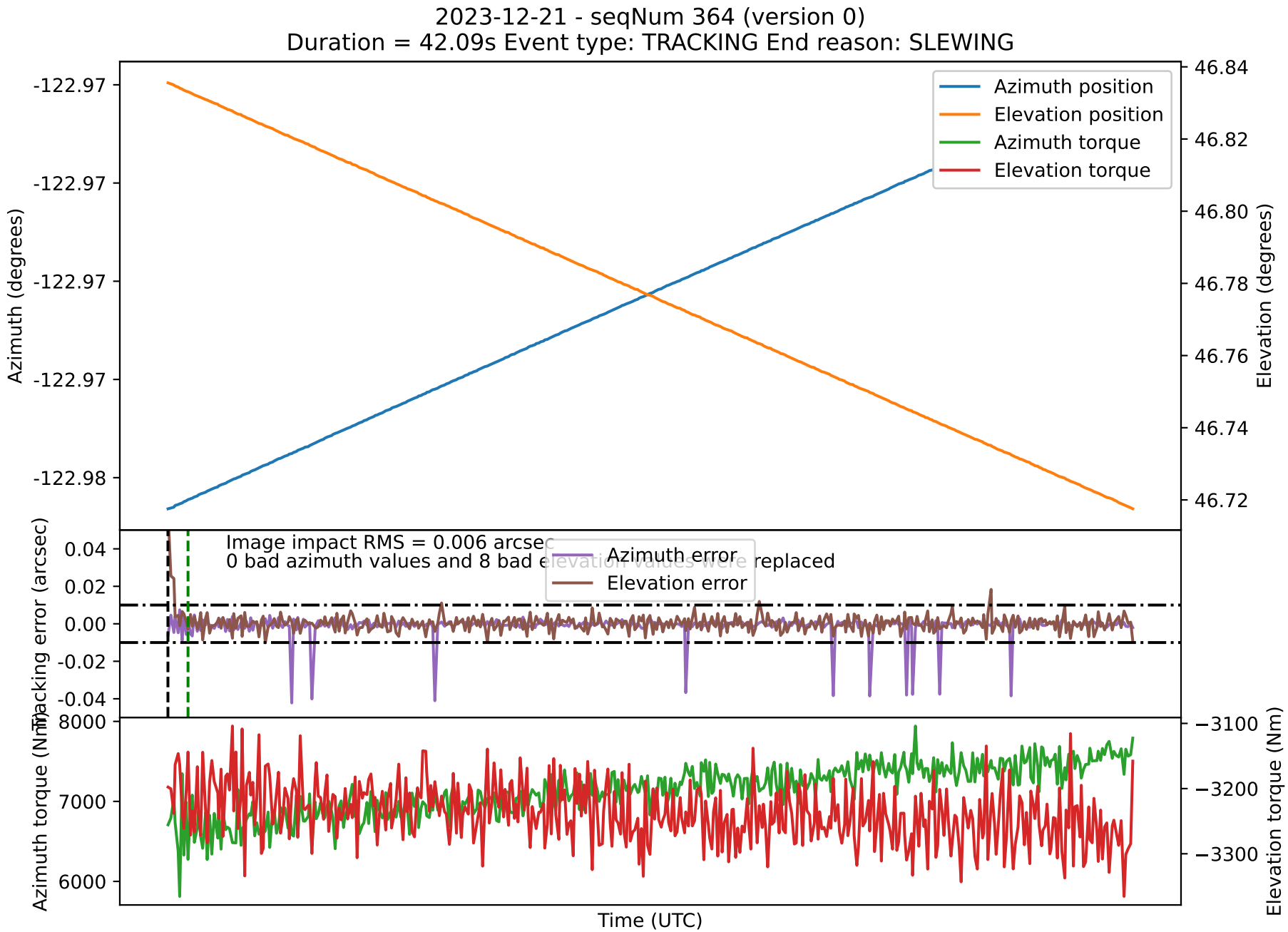

2023-12-21 - seqNum 354 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-123.50
-123.51
-123.52
-123.53
-123.54
-123.55
55.82
55.80
55.78
55.76
55.74
55.72
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−1000
−2000
Time (UTC)

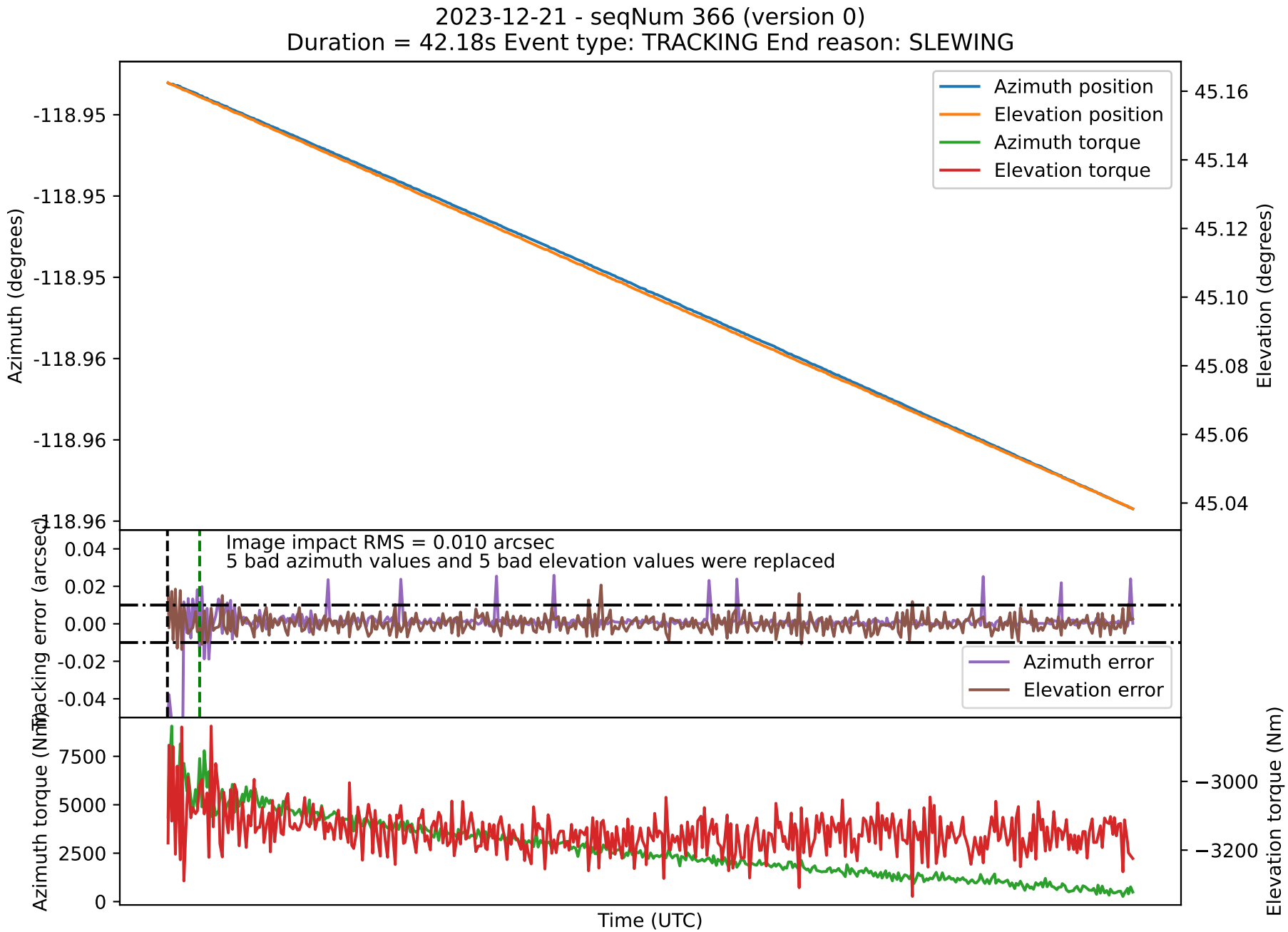

2023-12-21 - seqNum 356 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-123.30
-123.30
-123.31
-123.31
-123.31
-123.32
-123.33
52.90
52.88
52.86
52.84
52.82
52.80
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
9000
8500
−3200
−3400
−3600
−3800
Time (UTC)

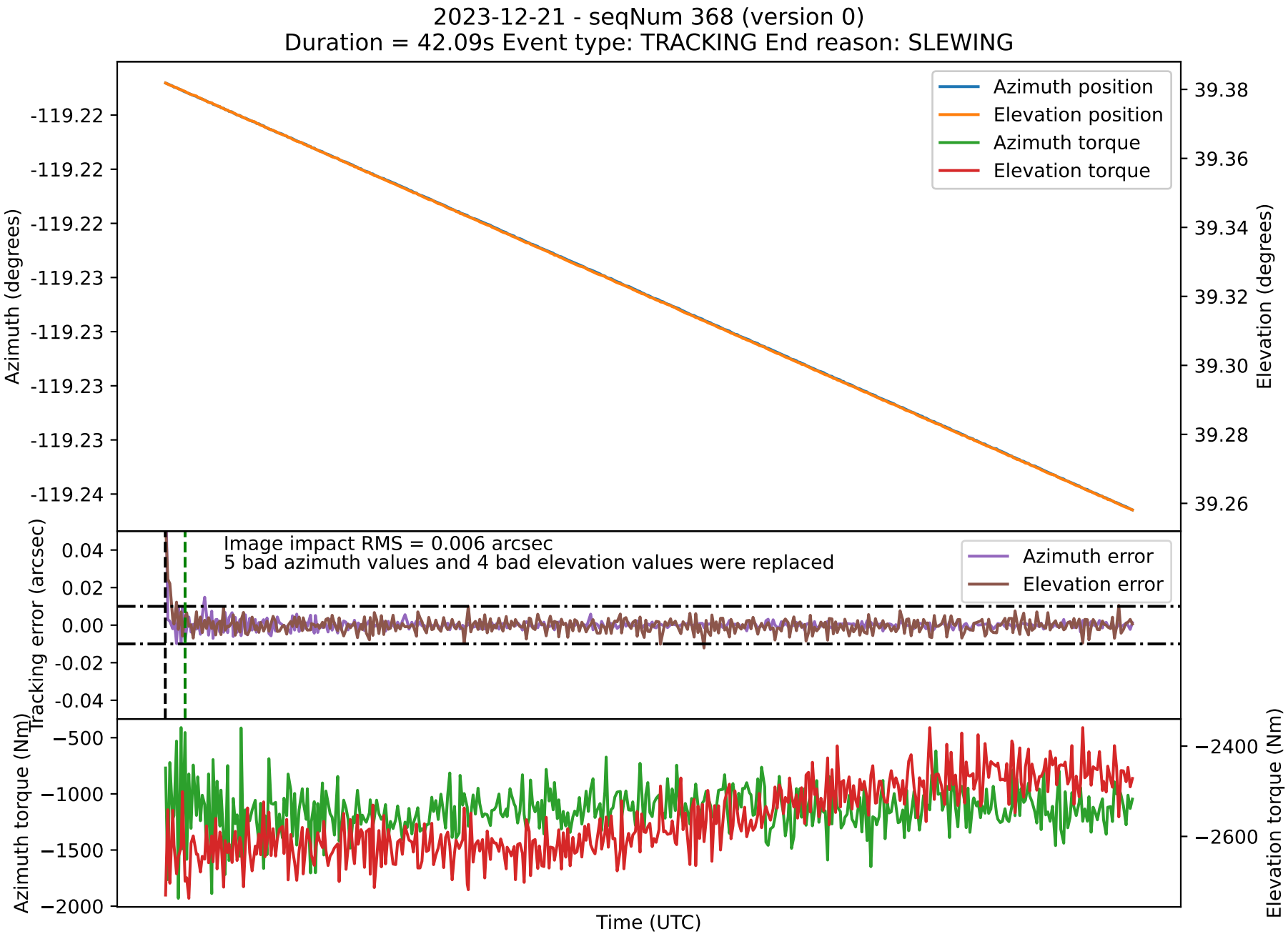

2023-12-21 - seqNum 358 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.73
-118.73
-118.73
-118.73
-118.73
-118.74
-118.74
51.30
51.28
51.26
51.24
51.22
51.20
51.18
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
−3200
−3400
−3600
−3800
Time (UTC)

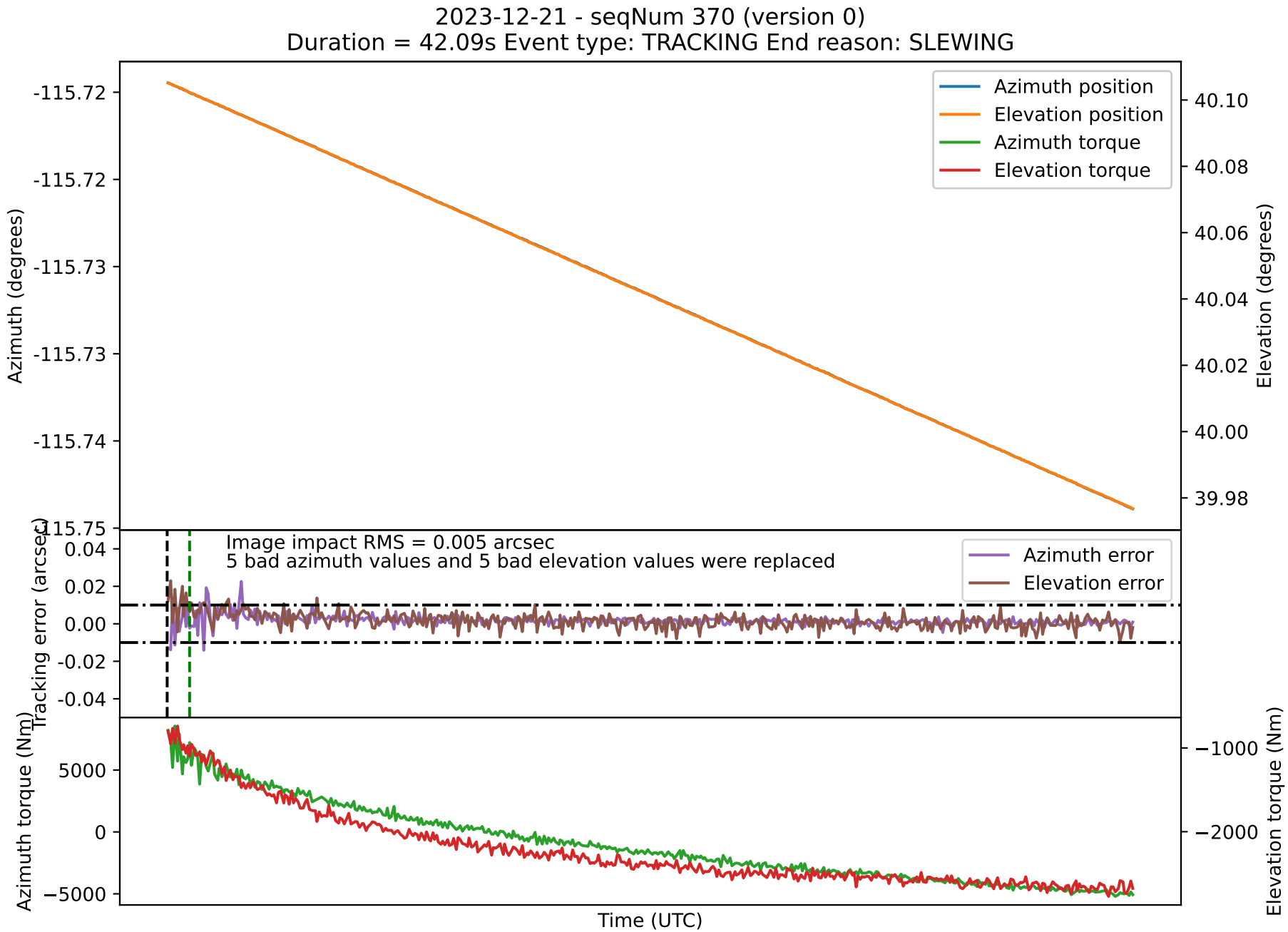

2023-12-21 - seqNum 360 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.84
48.36
48.34
48.32
48.30
48.28
48.26
48.24
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−2000
−4000
−3000
−3200
−3400
−3600
Time (UTC)

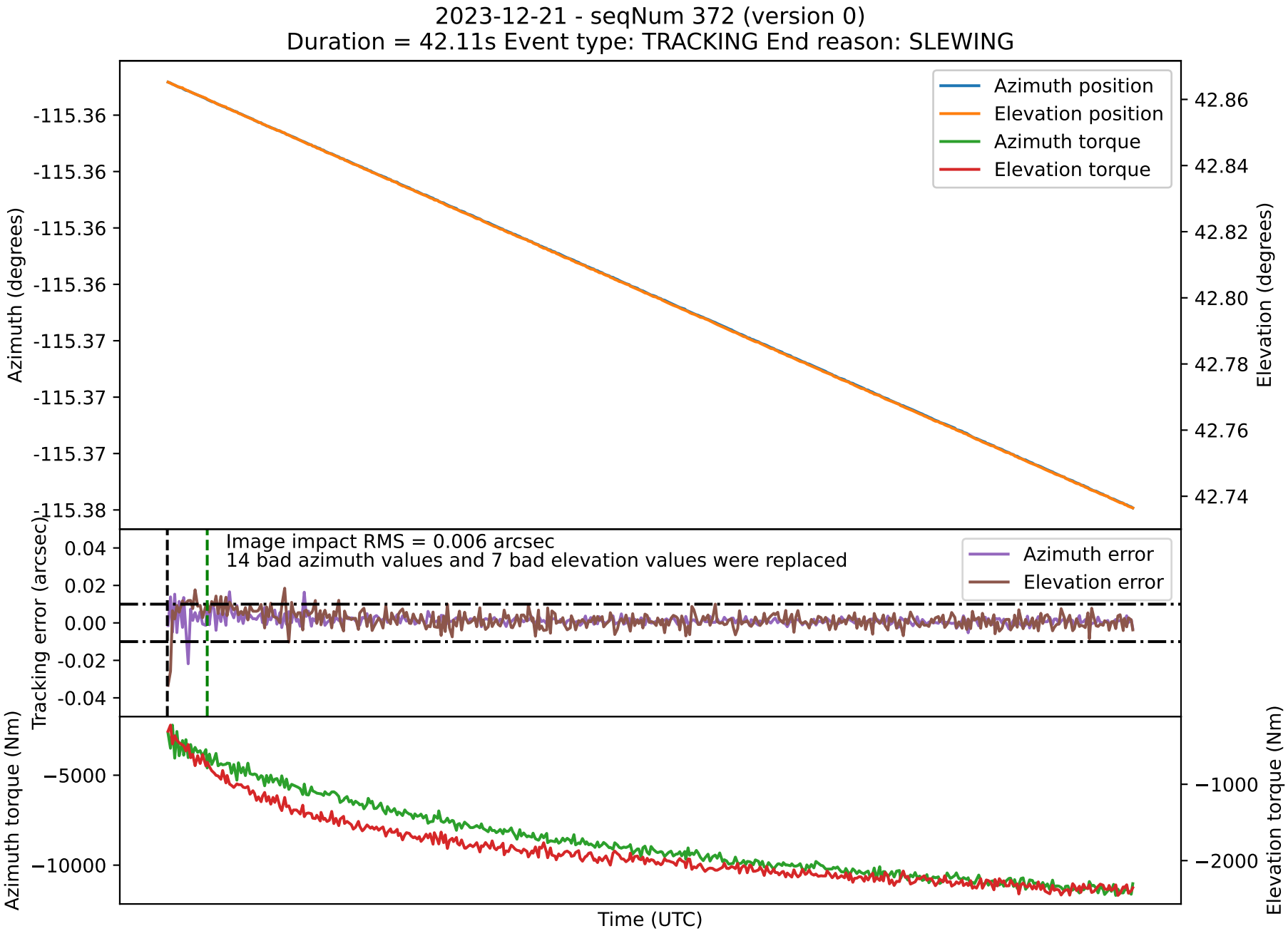

2023-12-21 - seqNum 362 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-123.08
-123.09
-123.09
-123.09
-123.09
-123.09
-123.10
-123.10
-123.10
49.74
49.72
49.70
49.68
49.66
49.64
49.62
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−1000
−1500
−2000
−2500
Time (UTC)

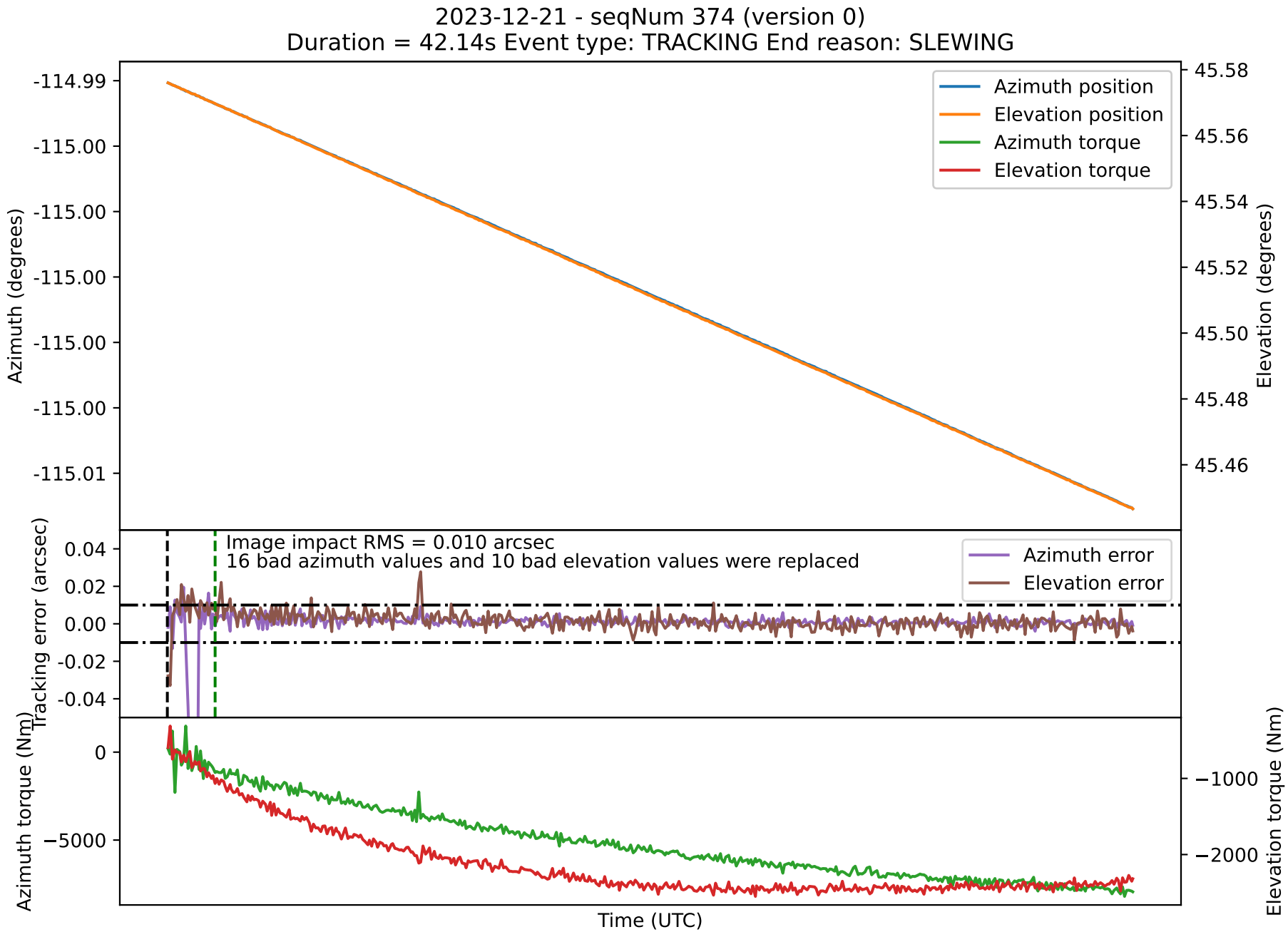

2023-12-21 - seqNum 364 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-122.97
-122.97
-122.97
-122.97
-122.98
46.84
46.82
46.80
46.78
46.76
46.74
46.72
Image impact RMS = 0.006 arcsec
0 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
7000
6000
−3100
−3200
−3300
Time (UTC)

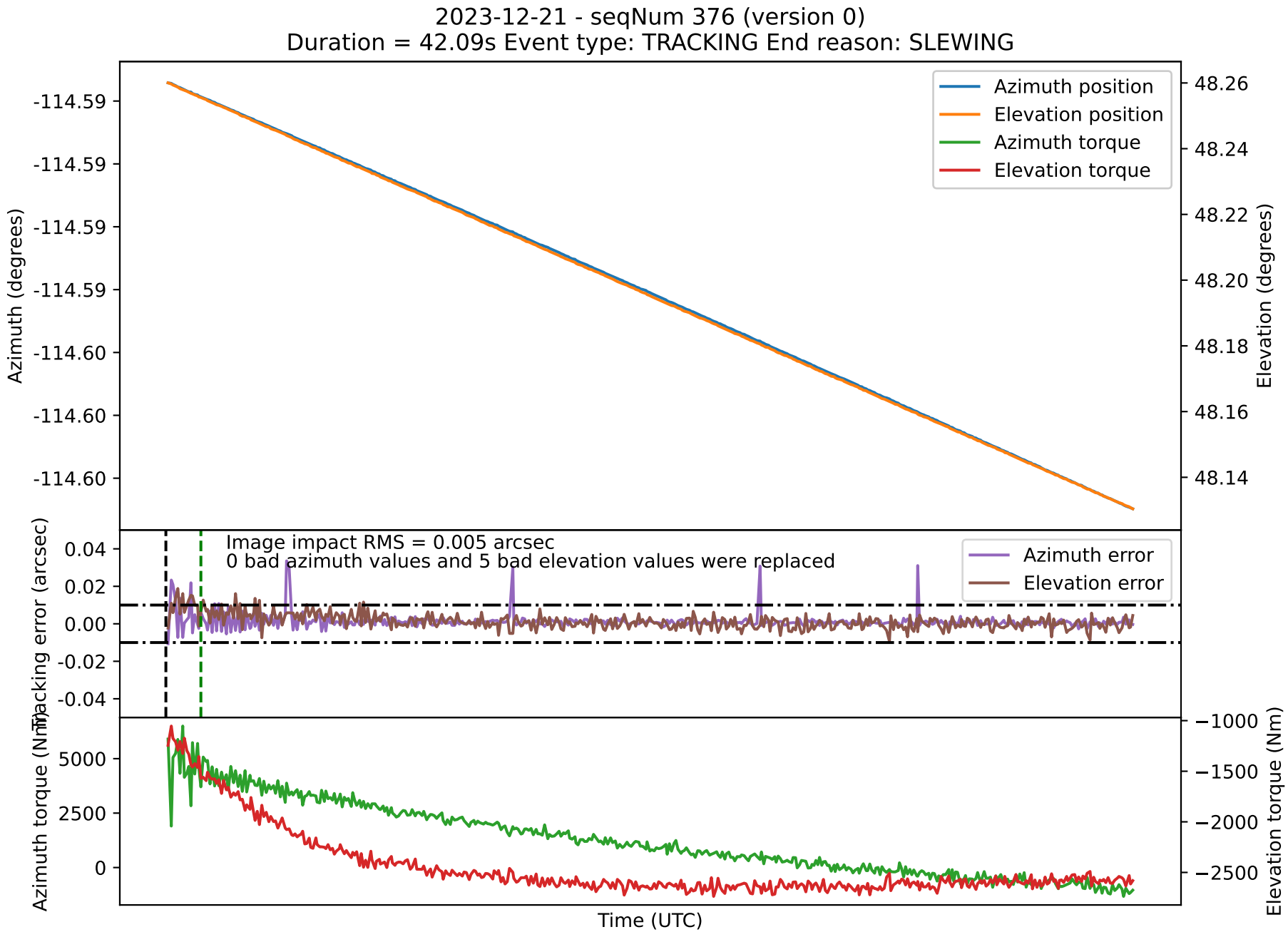

2023-12-21 - seqNum 366 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.95
-118.95
-118.95
-118.96
-118.96
-118.96
45.16
45.14
45.12
45.10
45.08
45.06
45.04
Image impact RMS = 0.010 arcsec
5 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
7500
5000
2500
0
−3000
−3200
Time (UTC)

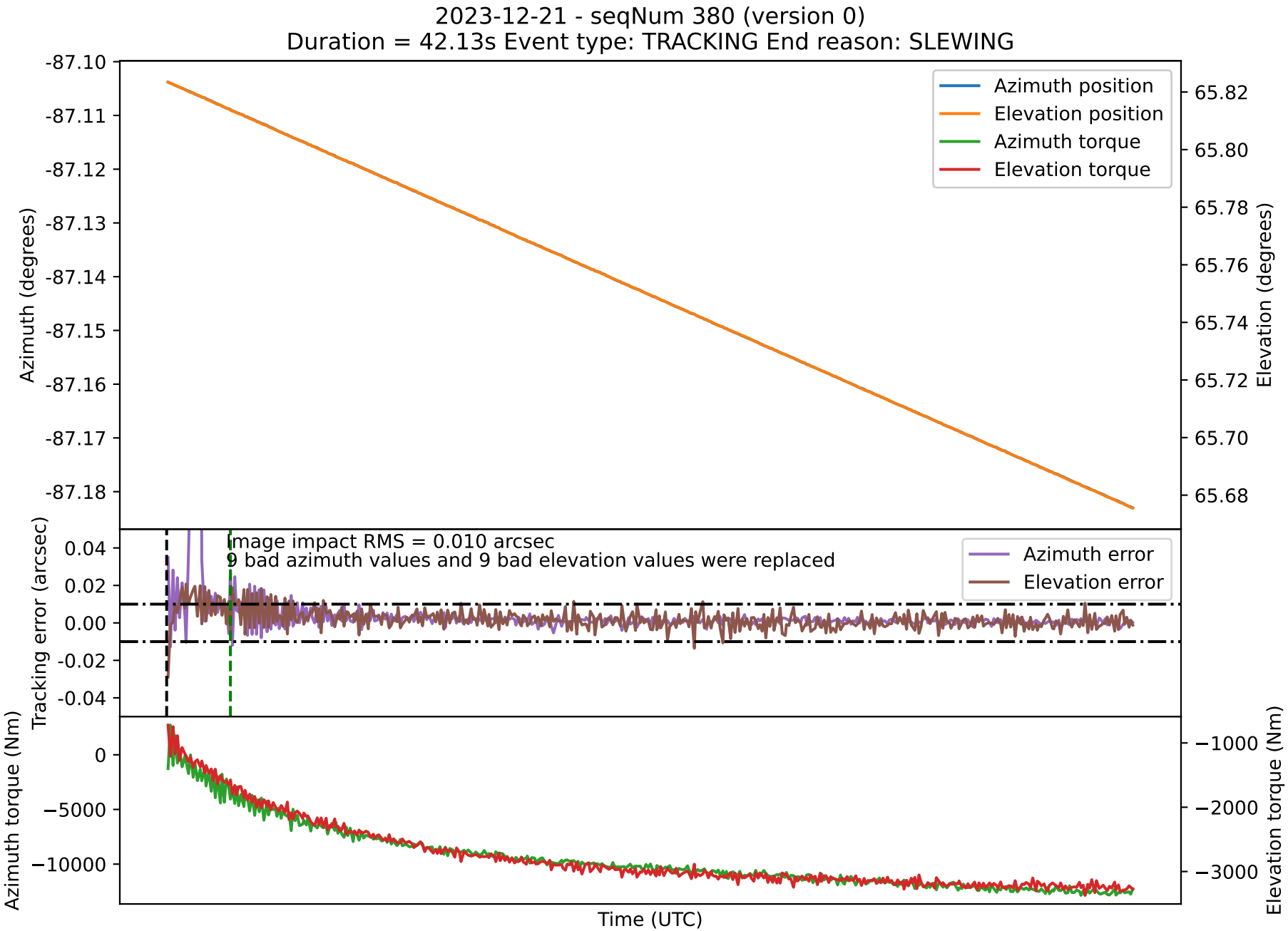

2023-12-21 - seqNum 368 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-119.22
-119.22
-119.22
-119.23
-119.23
-119.23
-119.23
-119.24
39.38
39.36
39.34
39.32
39.30
39.28
39.26
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−500
−1000
−1500
−2000
−2400
−2600
Time (UTC)

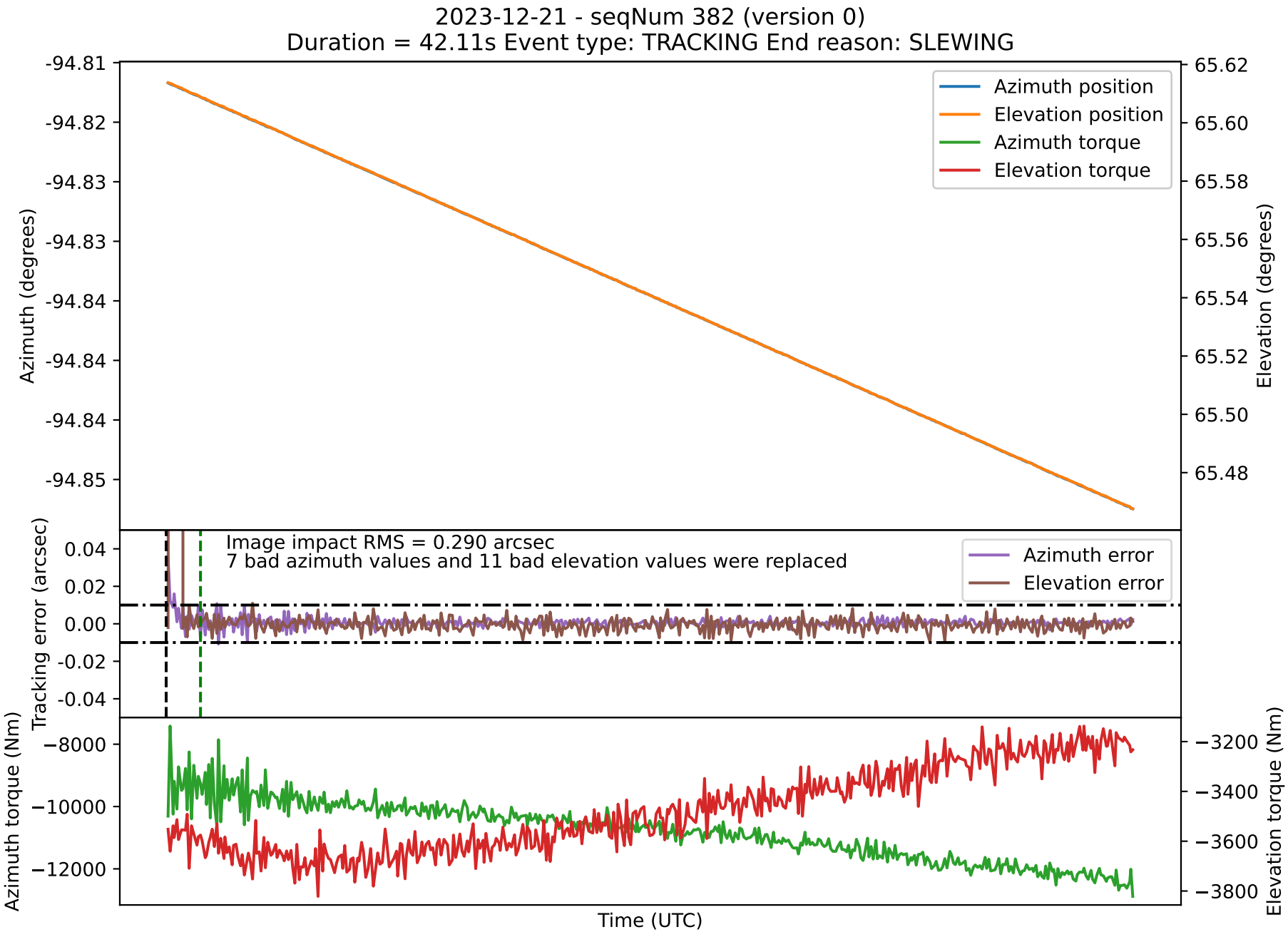

2023-12-21 - seqNum 370 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-115.72
-115.72
-115.73
-115.73
-115.74
-115.75
40.10
40.08
40.06
40.04
40.02
40.00
39.98
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−1000
−2000
Time (UTC)

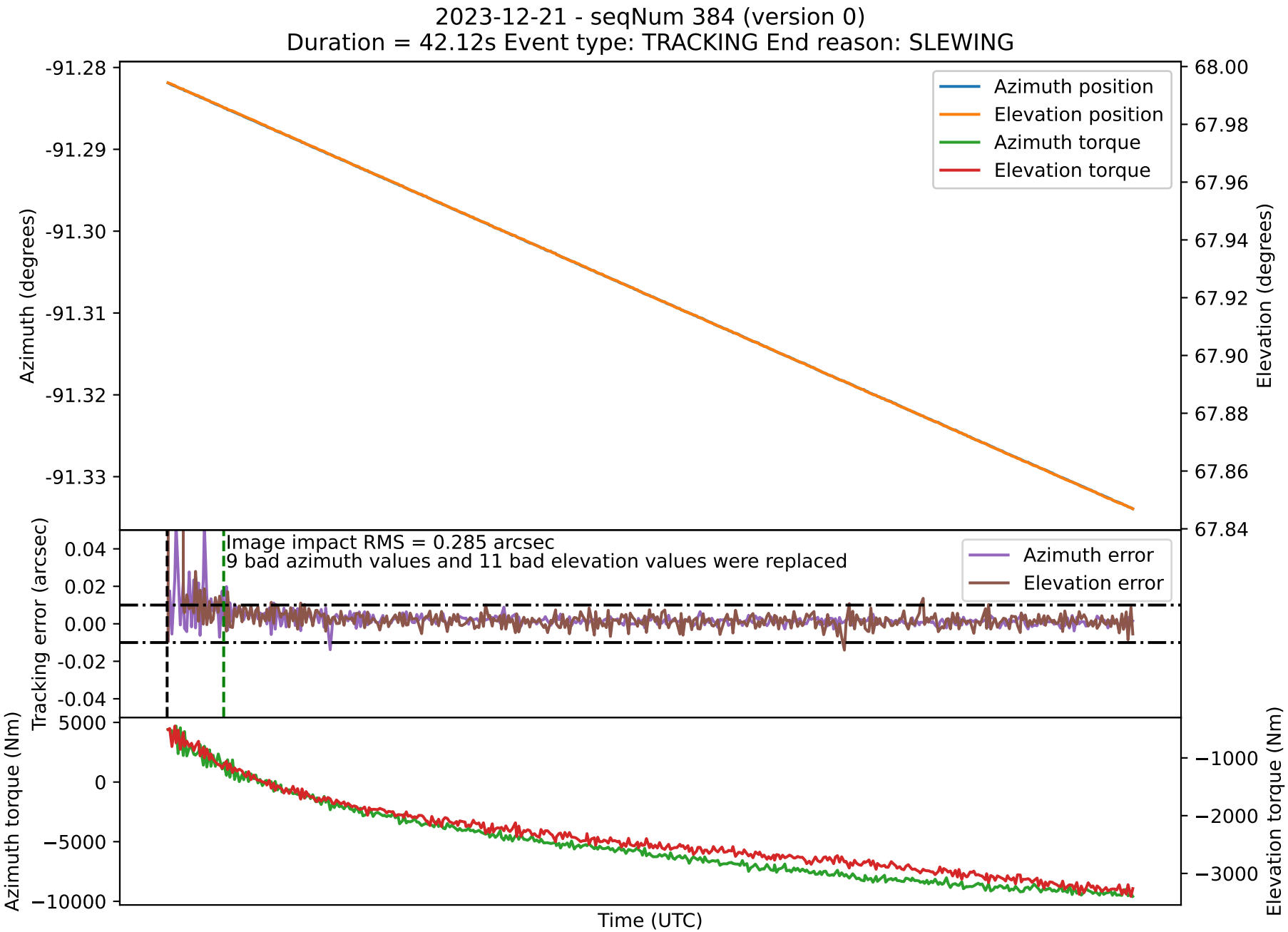

2023-12-21 - seqNum 372 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-115.36
-115.36
-115.36
-115.36
-115.37
-115.37
-115.37
-115.38
42.86
42.84
42.82
42.80
42.78
42.76
42.74
Image impact RMS = 0.006 arcsec
14 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1000
−2000
Time (UTC)

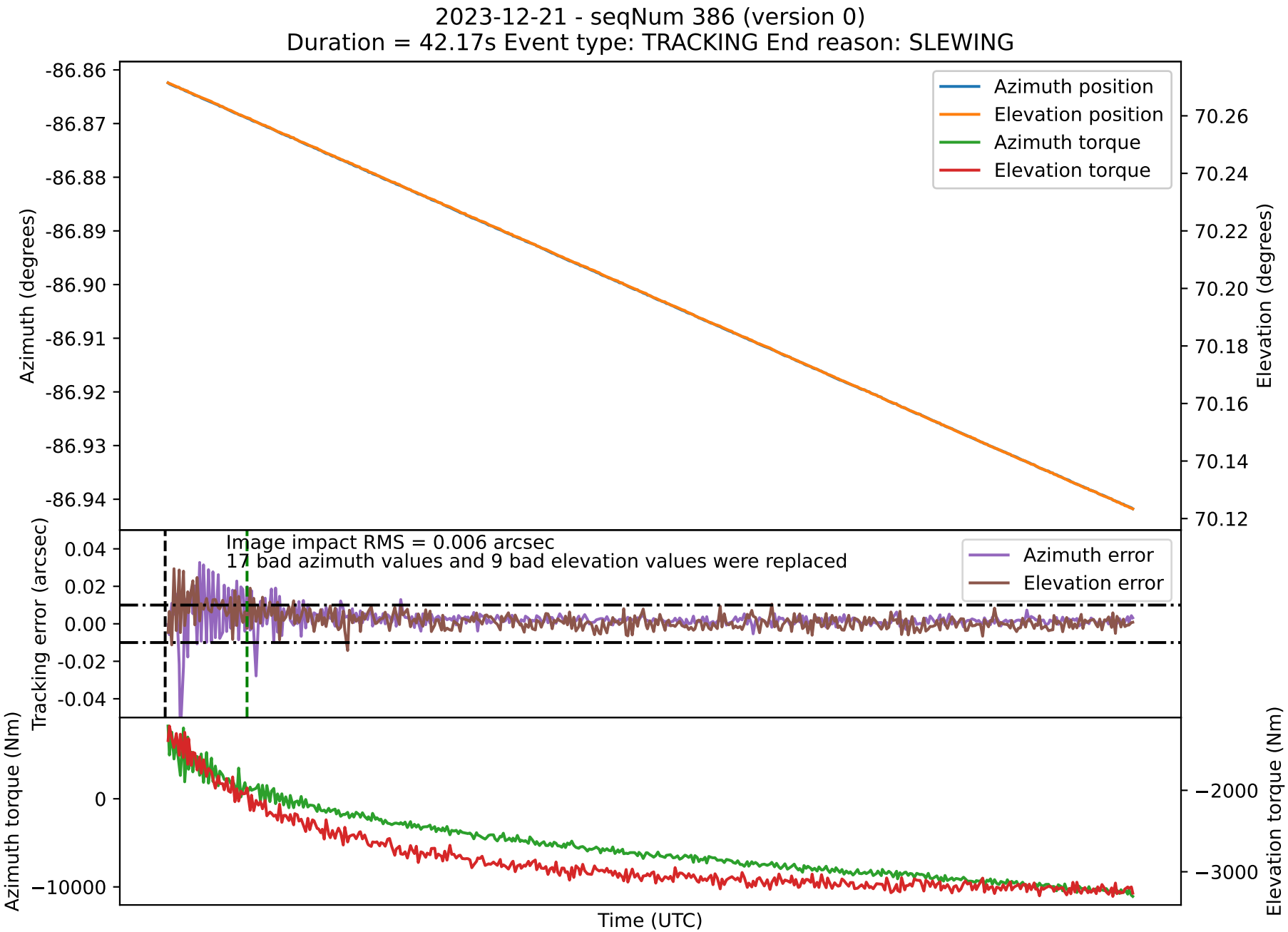

2023-12-21 - seqNum 374 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-114.99
-115.00
-115.00
-115.00
-115.00
-115.00
-115.01
45.58
45.56
45.54
45.52
45.50
45.48
45.46
Image impact RMS = 0.010 arcsec
16 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−1000
−2000
Time (UTC)

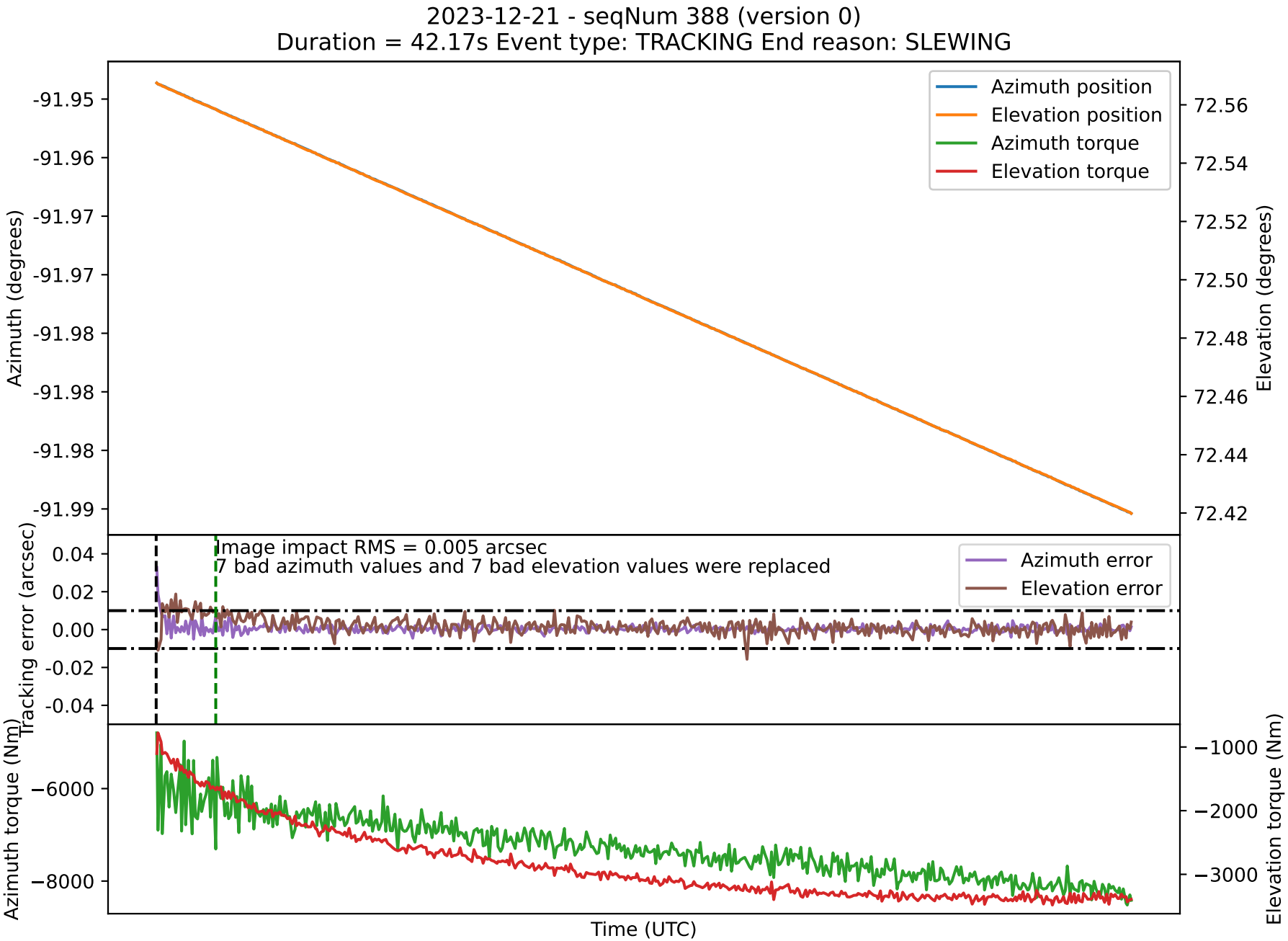

2023-12-21 - seqNum 376 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-114.59
-114.59
-114.59
-114.59
-114.60
-114.60
-114.60
48.26
48.24
48.22
48.20
48.18
48.16
48.14
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
2500
0
−1000
−1500
−2000
−2500
Time (UTC)

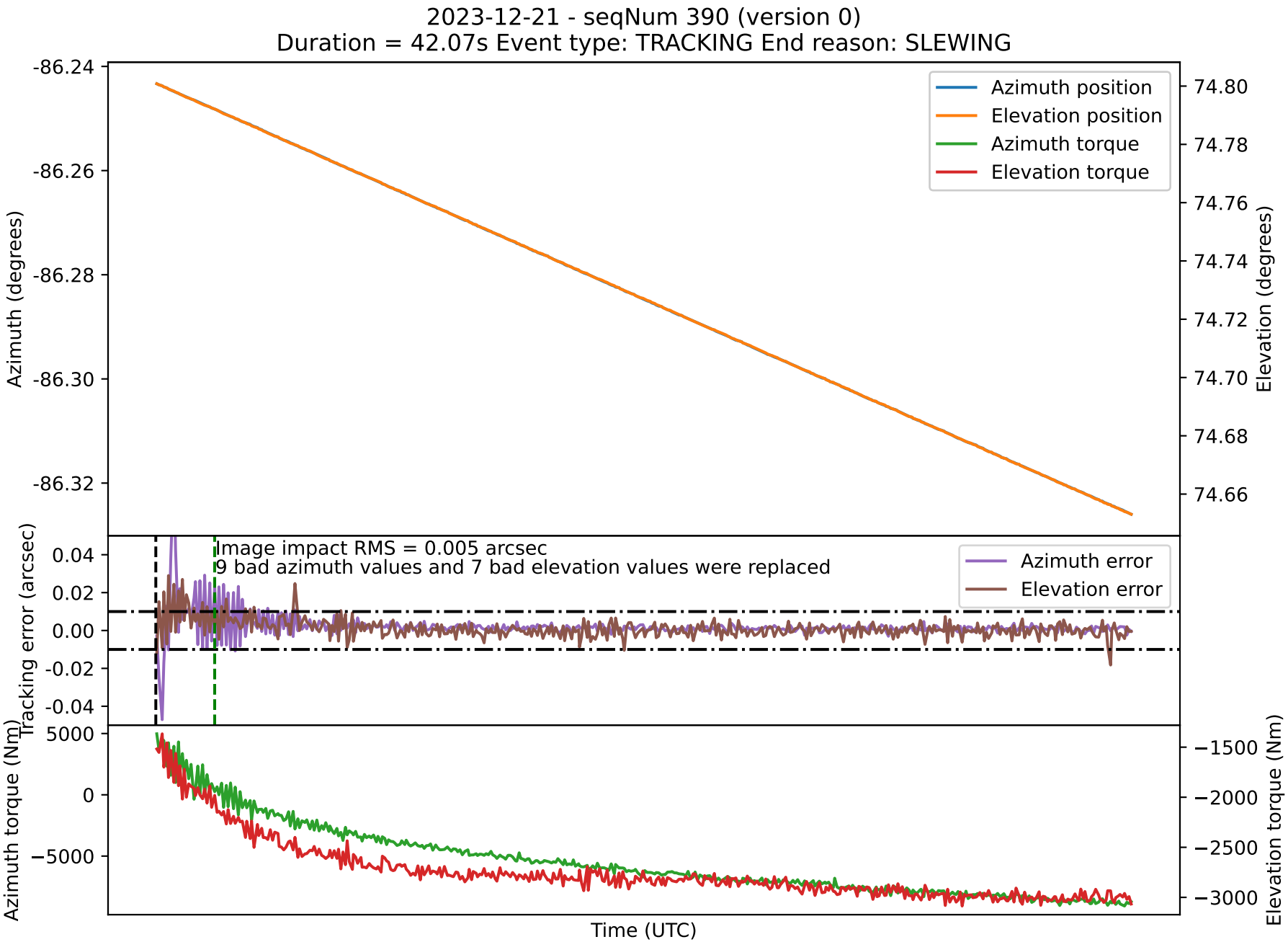

2023-12-21 - seqNum 380 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-87.10
-87.11
-87.12
-87.13
-87.14
-87.15
-87.16
-87.17
-87.18
65.82
65.80
65.78
65.76
65.74
65.72
65.70
65.68
image impact RMS = 0.010 arcsec
9 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
−3000
Time (UTC)

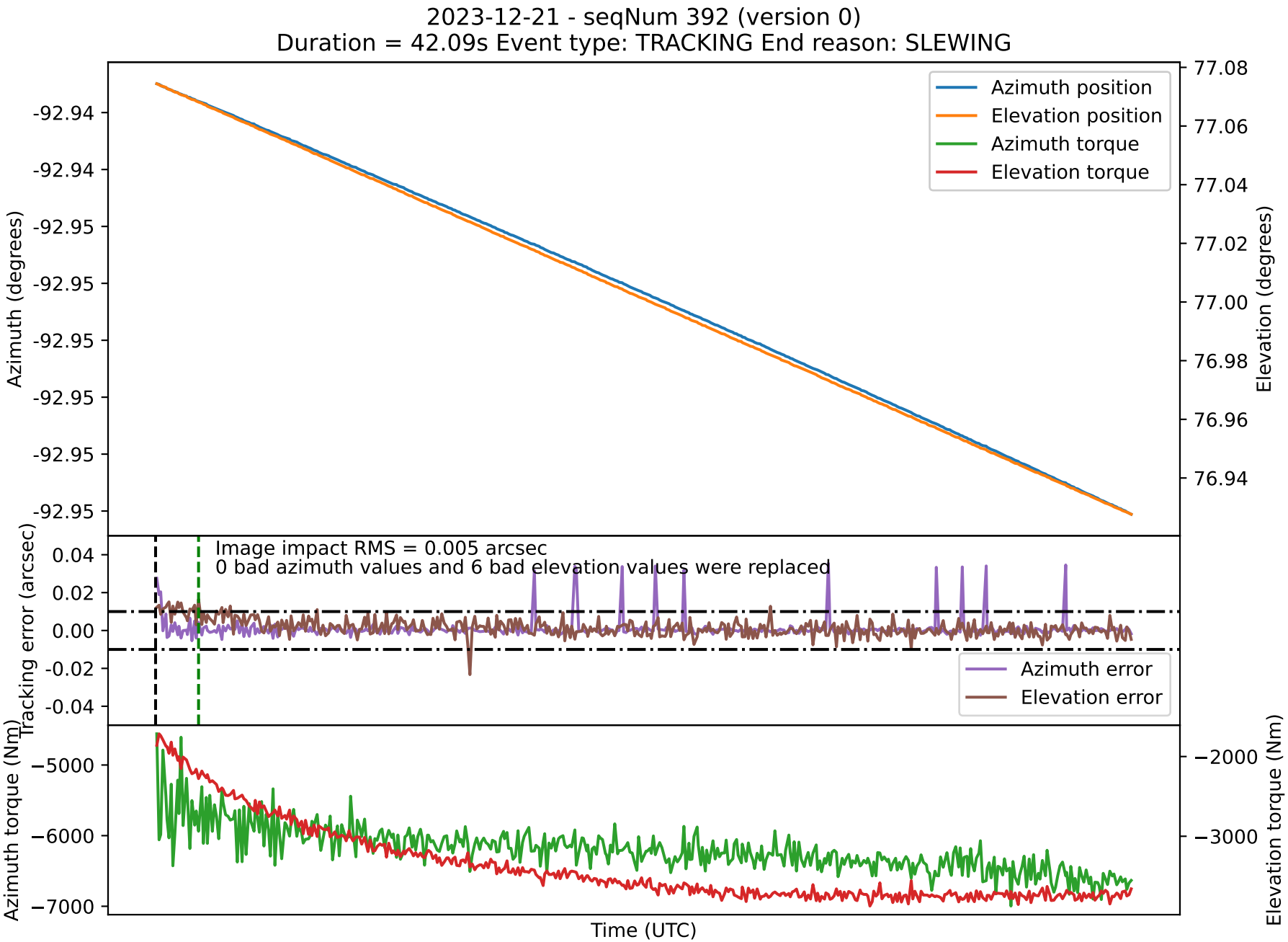

2023-12-21 - seqNum 382 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-94.81
-94.82
-94.83
-94.83
-94.84
-94.84
-94.84
-94.85
65.62
65.60
65.58
65.56
65.54
65.52
65.50
65.48
Image impact RMS = 0.290 arcsec
7 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
−3200
−3400
−3600
−3800
Time (UTC)

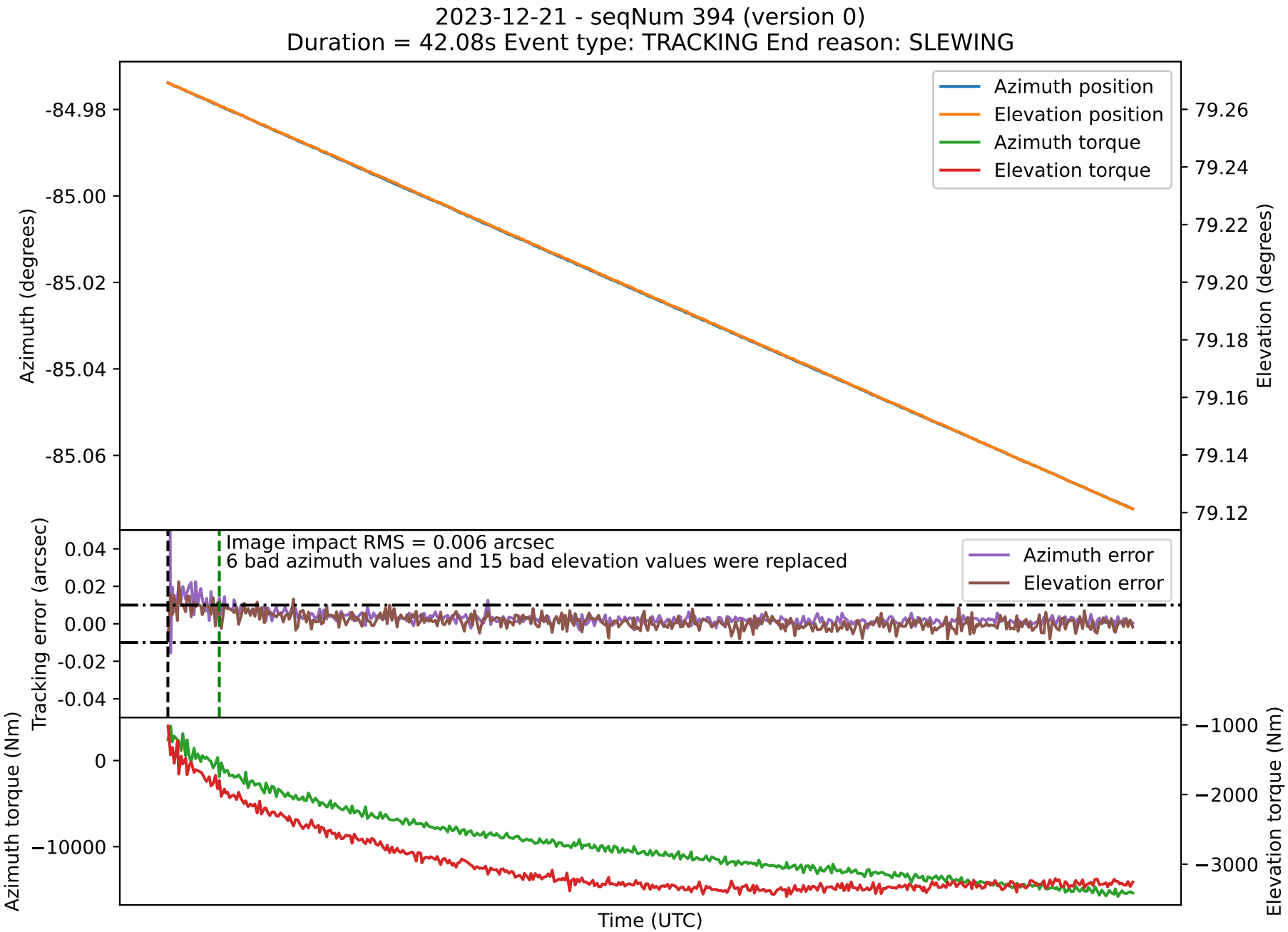

2023-12-21 - seqNum 384 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-91.28
-91.29
-91.30
-91.31
-91.32
-91.33
68.00
67.98
67.96
67.94
67.92
67.90
67.88
67.86
67.84
Image impact RMS = 0.285 arcsec
9 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−10000
−1000
−2000
−3000
Time (UTC)

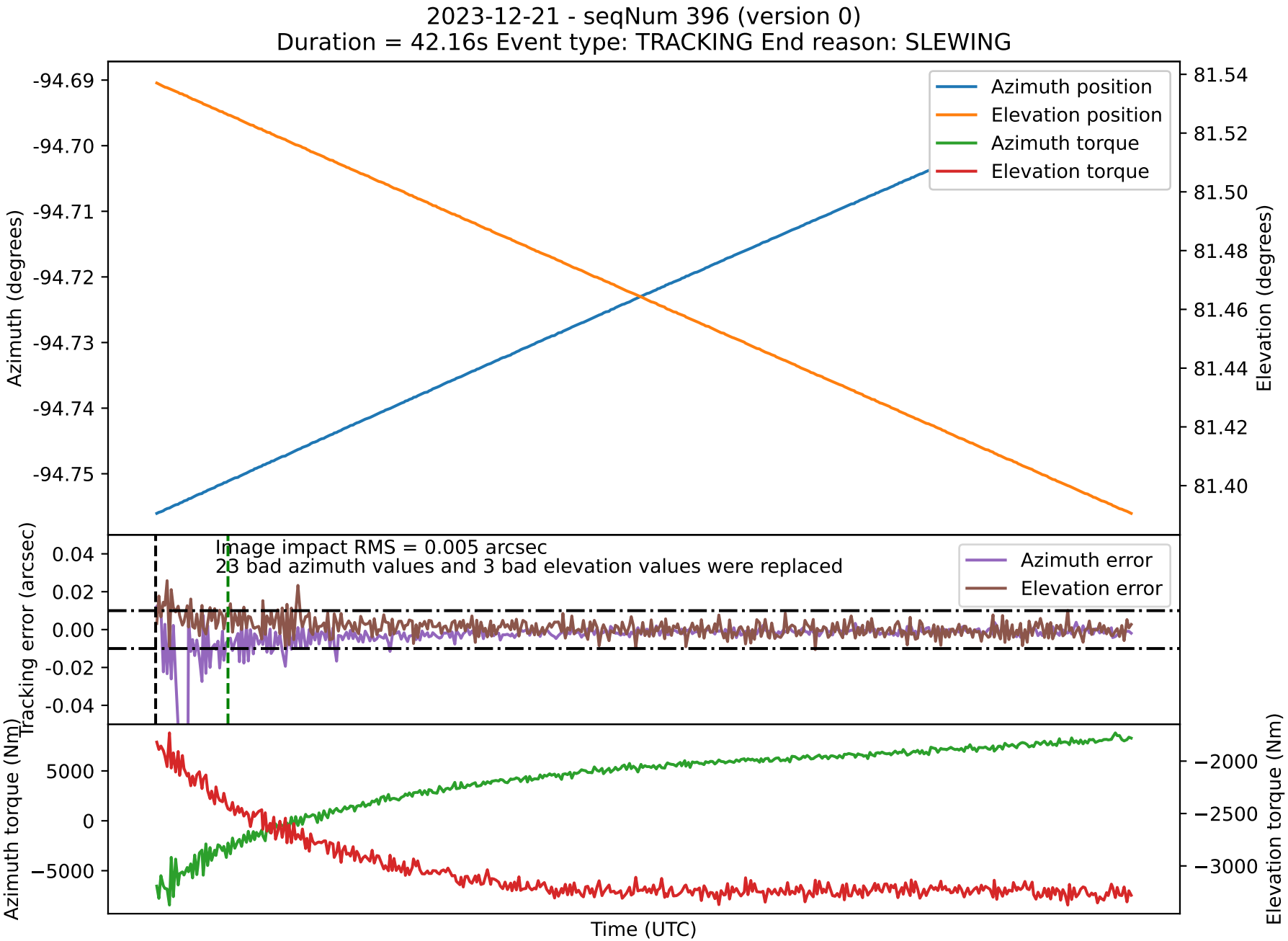

2023-12-21 - seqNum 386 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-86.86
-86.87
-86.88
-86.89
-86.90
-86.91
-86.92
-86.93
-86.94
70.26
70.24
70.22
70.20
70.18
70.16
70.14
70.12
Image impact RMS = 0.006 arcsec
17 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−2000
−3000
Time (UTC)

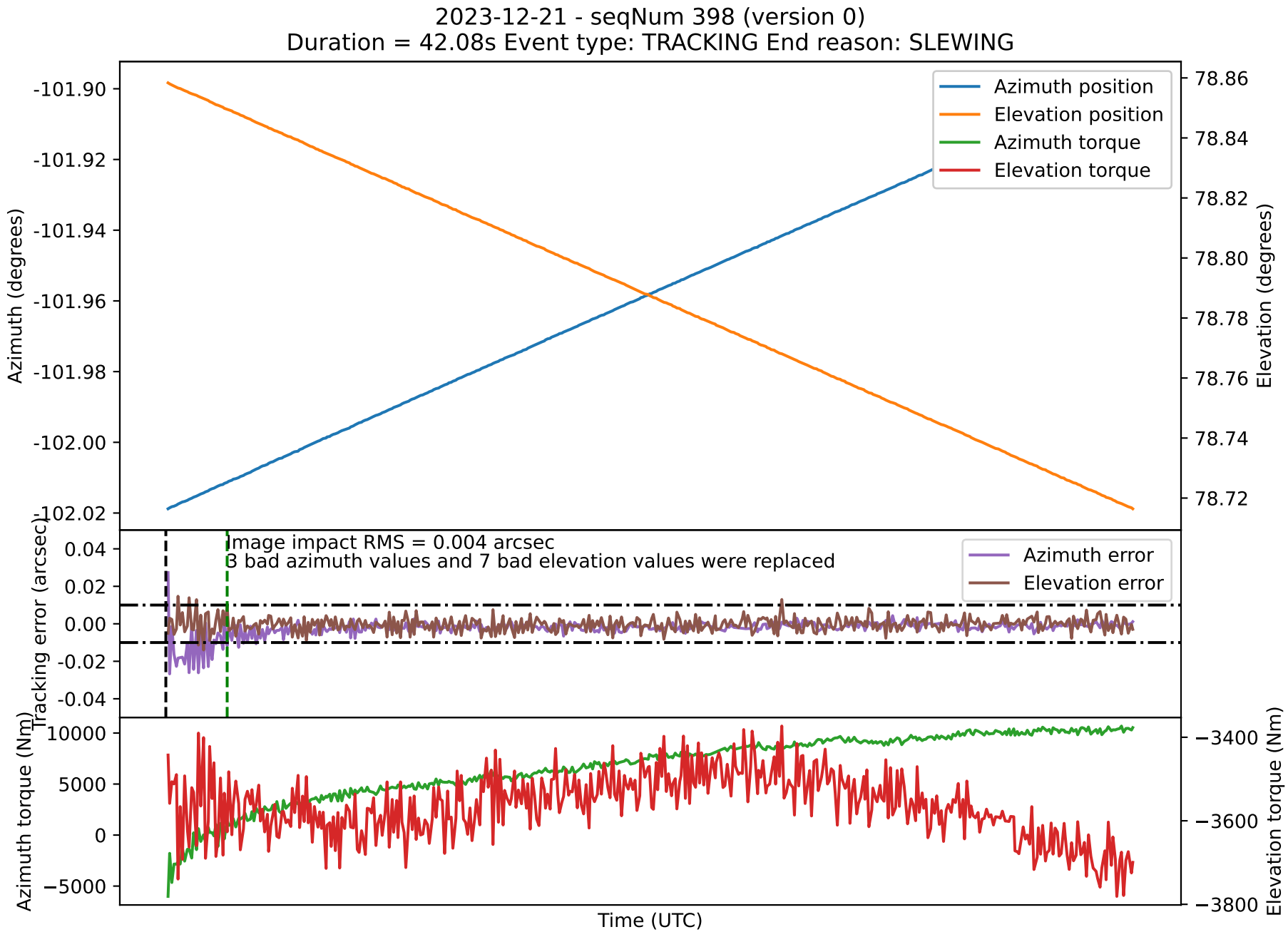

2023-12-21 - seqNum 388 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-91.95
-91.96
-91.97
-91.97
-91.98
-91.98
-91.98
-91.99
72.56
72.54
72.52
72.50
72.48
72.46
72.44
72.42
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−1000
−2000
−3000
Time (UTC)

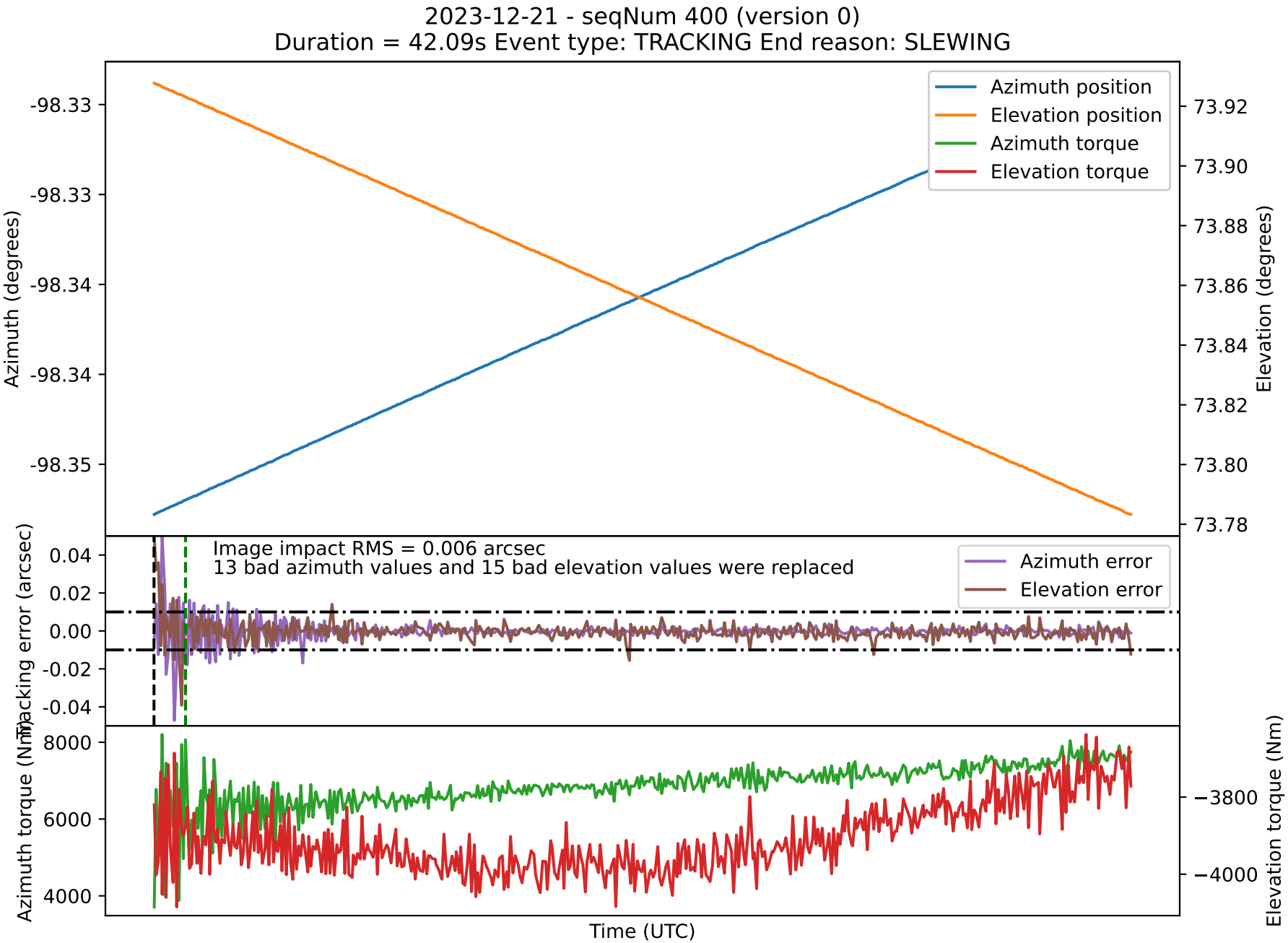

2023-12-21 - seqNum 390 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-86.24
-86.26
-86.28
-86.30
-86.32
74.80
74.78
74.76
74.74
74.72
74.70
74.68
74.66
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−1500
−2000
−2500
−3000
Time (UTC)

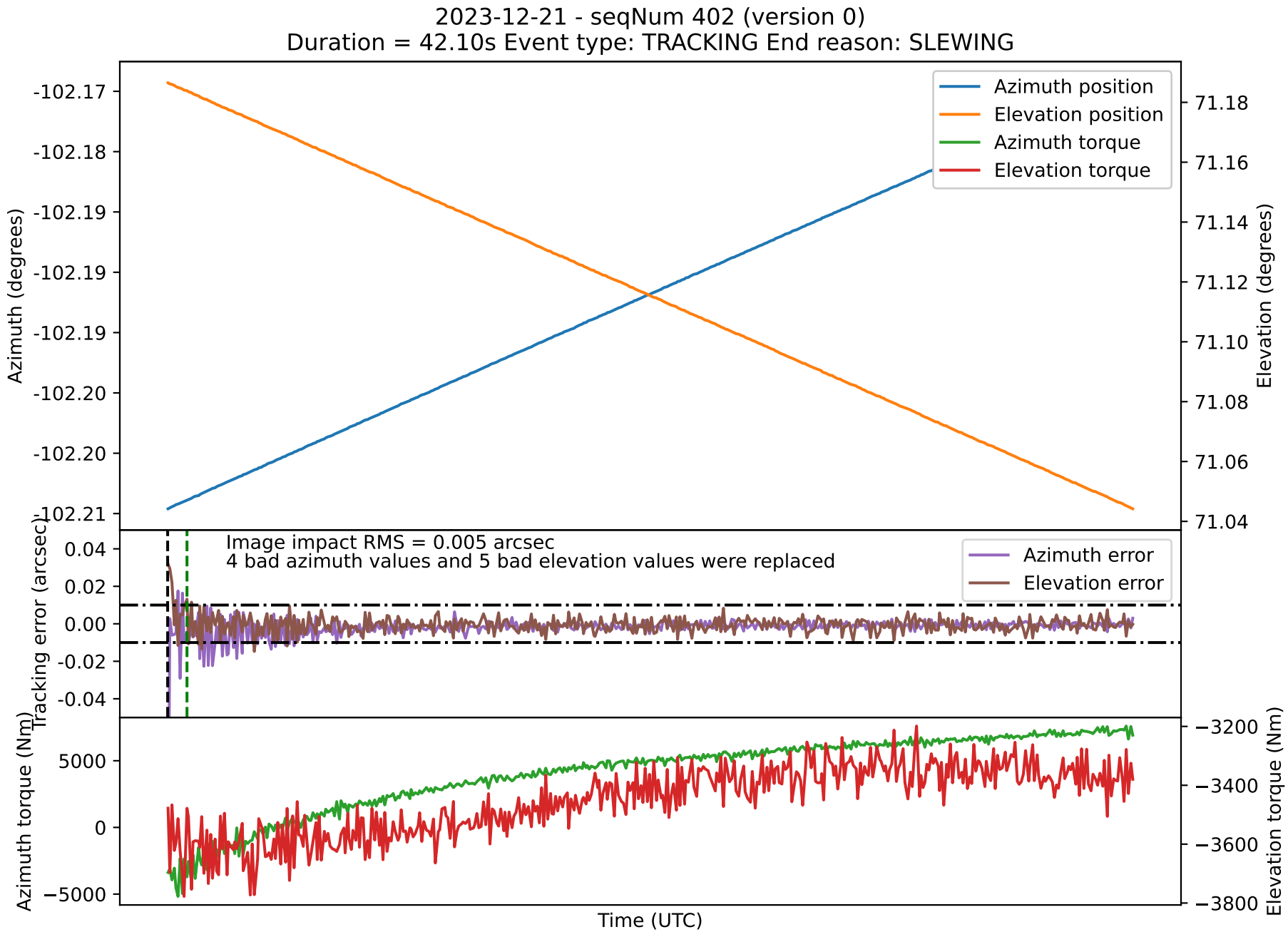

2023-12-21 - seqNum 392 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-92.94
-92.94
-92.95
-92.95
-92.95
-92.95
-92.95
-92.95
77.08
77.06
77.04
77.02
77.00
76.98
76.96
76.94
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 6 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−6000
−7000
−2000
−3000
Time (UTC)

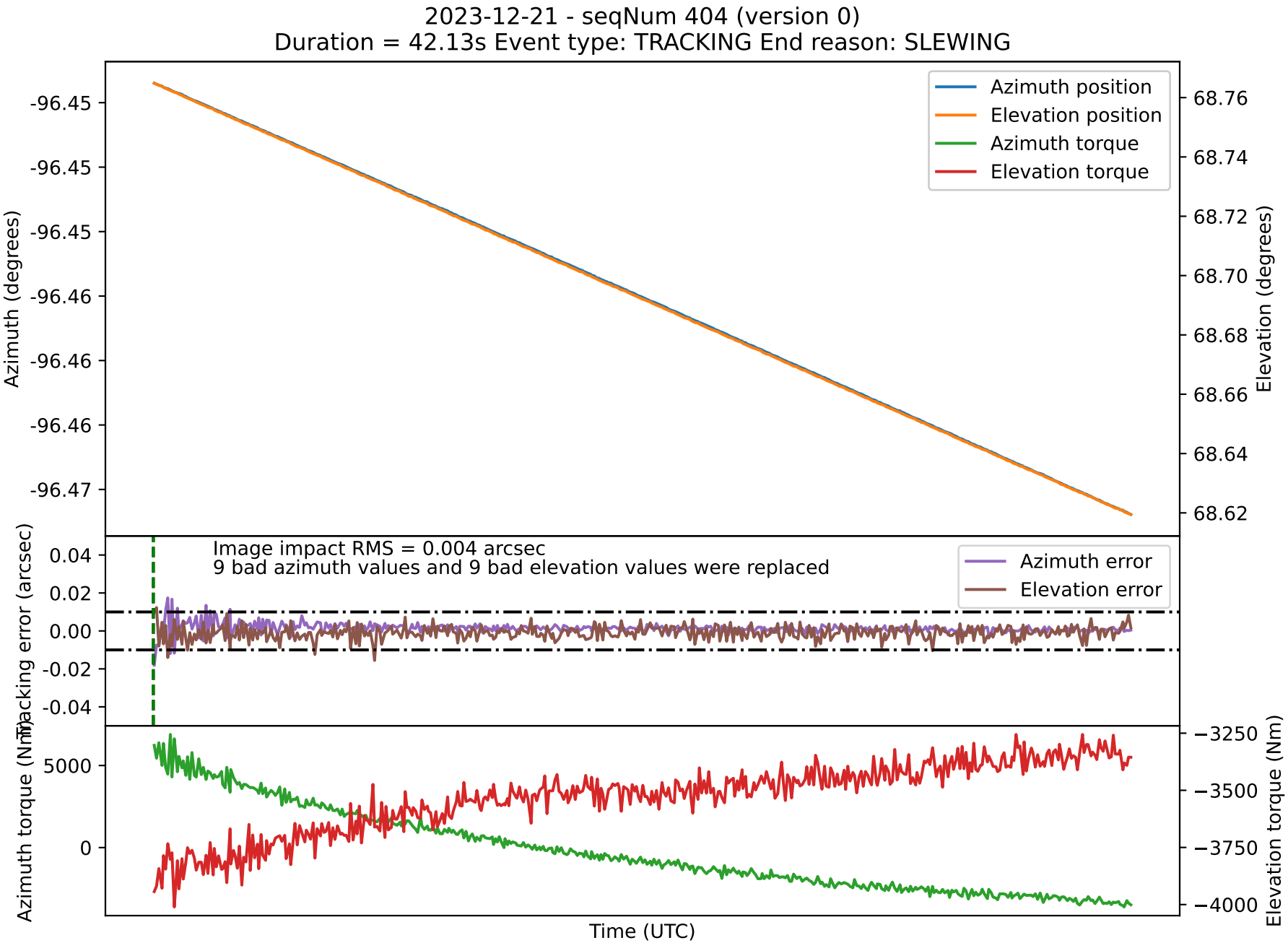

2023-12-21 - seqNum 394 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-84.98
-85.00
-85.02
-85.04
-85.06
79.26
79.24
79.22
79.20
79.18
79.16
79.14
79.12
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 15 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−2000
−3000
Time (UTC)

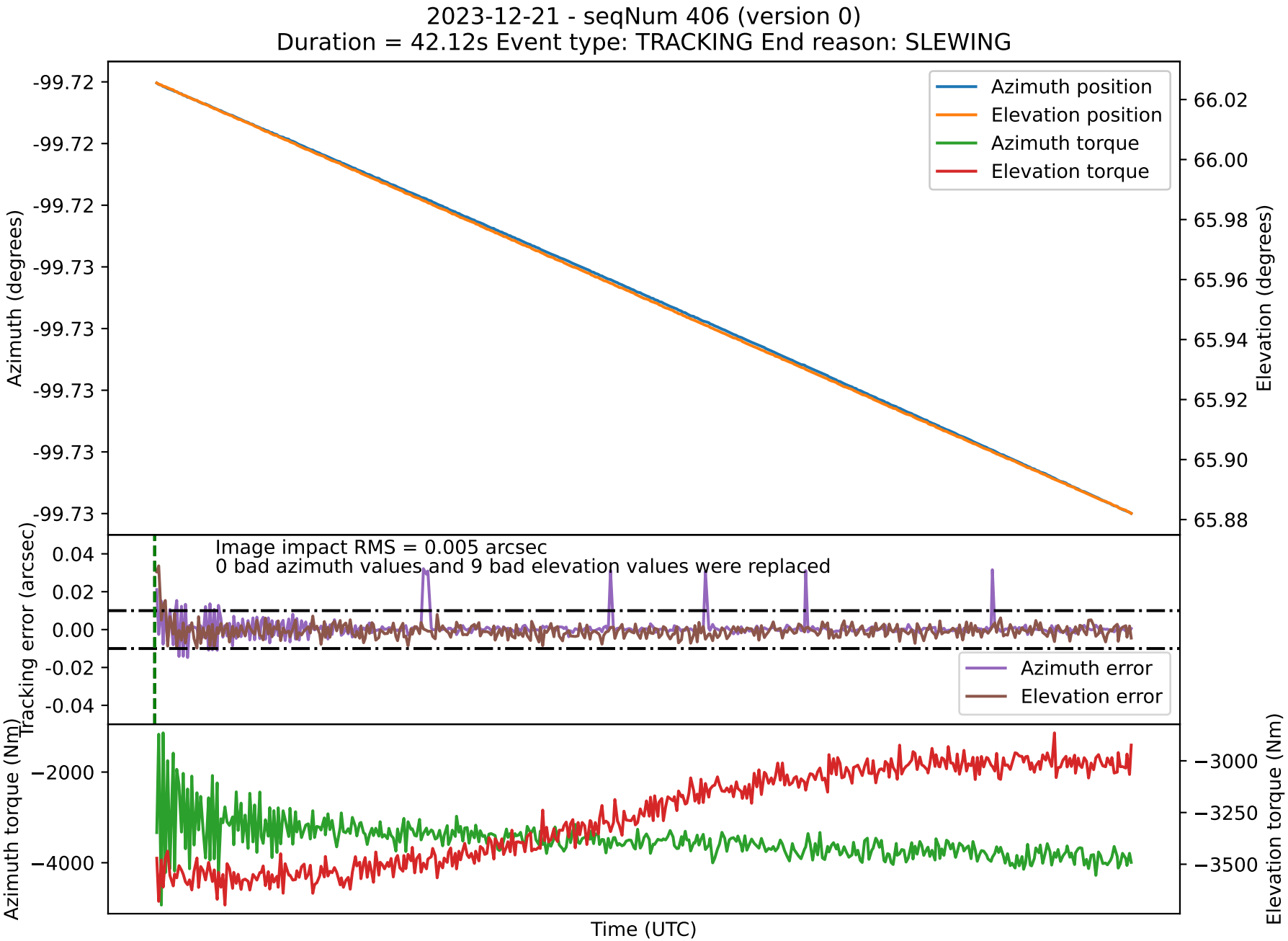

2023-12-21 - seqNum 396 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-94.69
-94.70
-94.71
-94.72
-94.73
-94.74
-94.75
81.54
81.52
81.50
81.48
81.46
81.44
81.42
81.40
Image impact RMS = 0.005 arcsec
23 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−2000
−2500
−3000
Time (UTC)

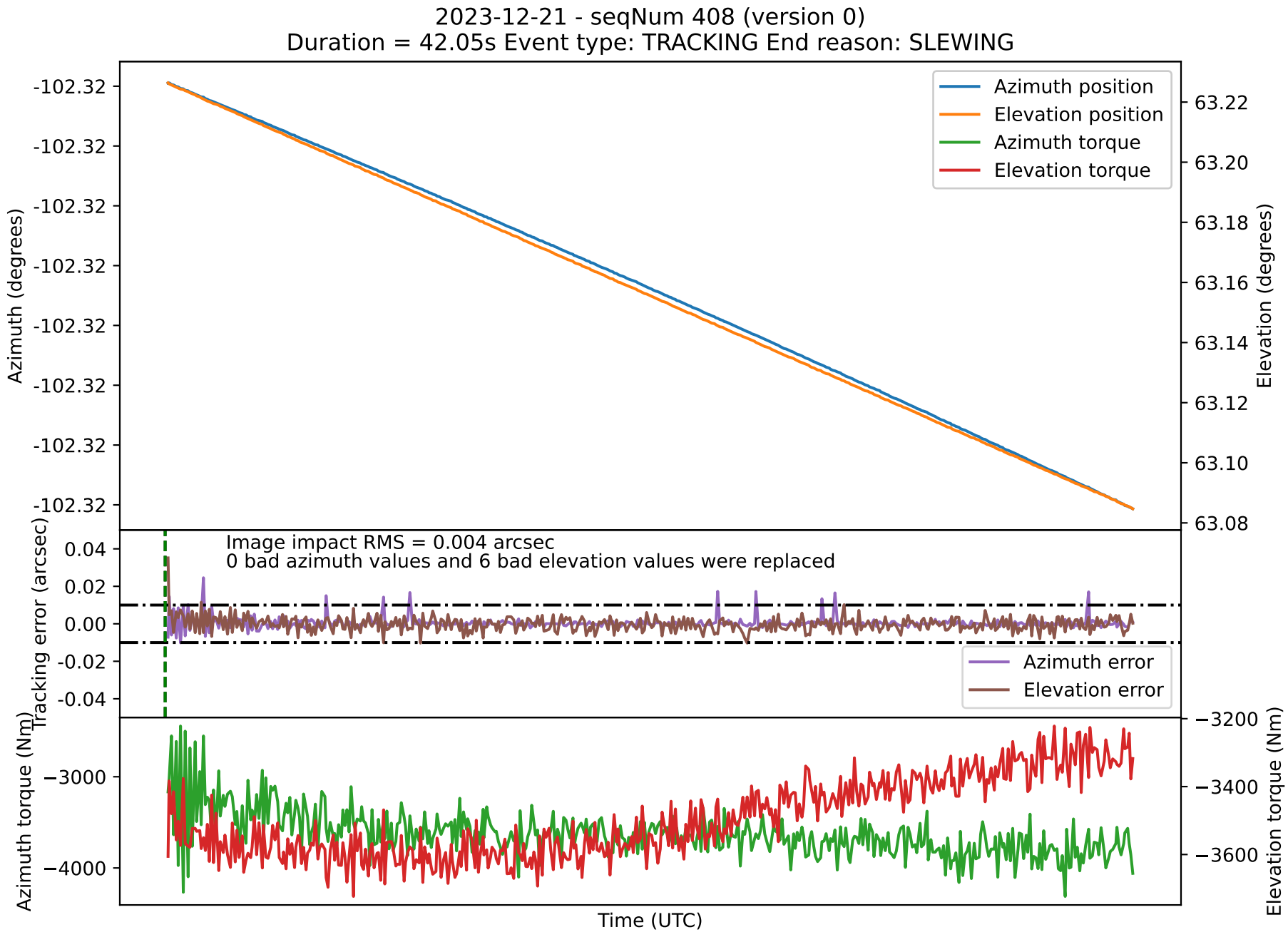

2023-12-21 - seqNum 398 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-101.90
-101.92
-101.94
-101.96
-101.98
-102.00
-102.02
78.86
78.84
78.82
78.80
78.78
78.76
78.74
78.72
Image impact RMS = 0.004 arcsec
3 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−3400
−3600
−3800
Time (UTC)

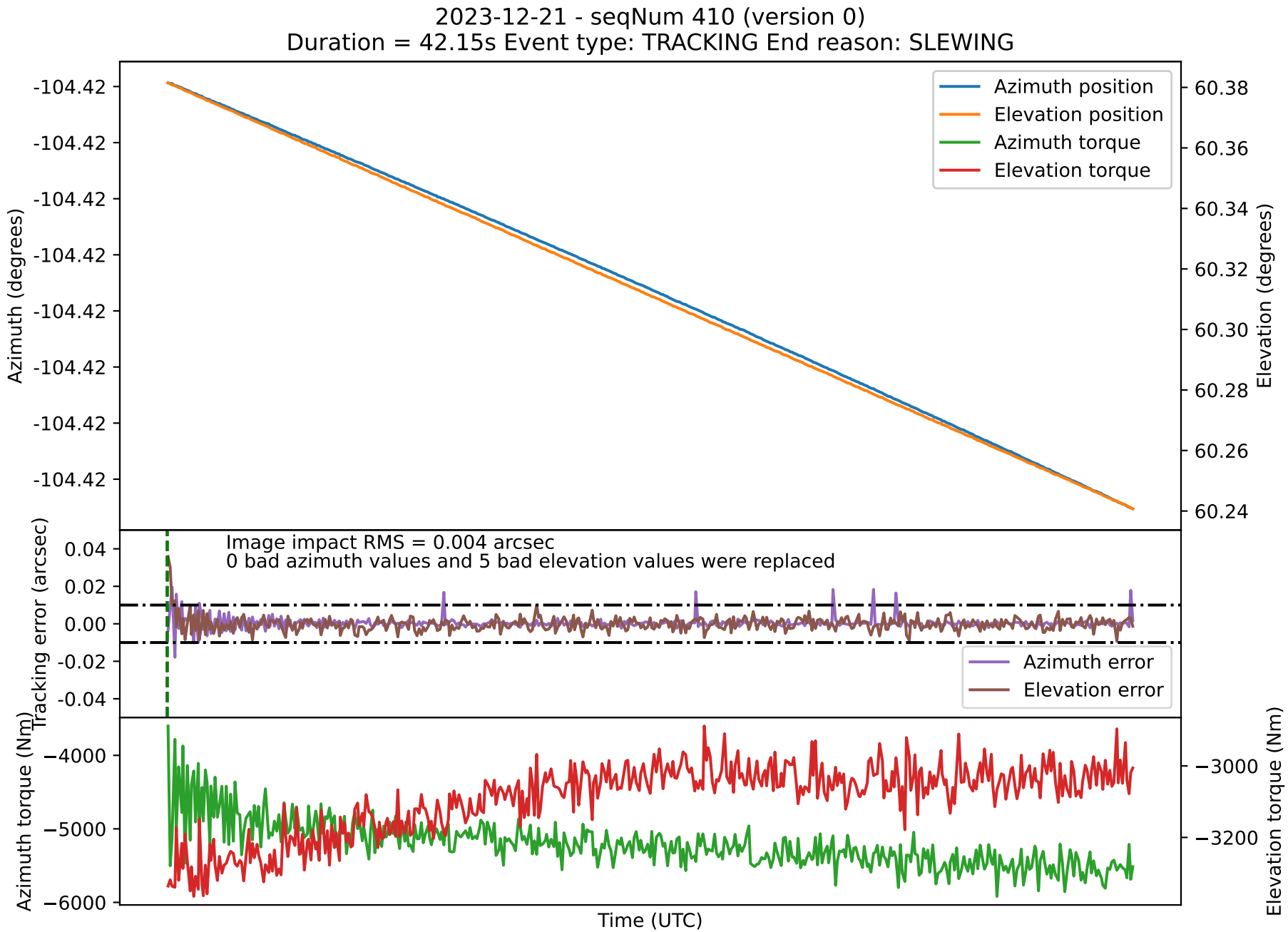

2023-12-21 - seqNum 400 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-98.33
-98.33
-98.34
-98.34
-98.35
73.92
73.90
73.88
73.86
73.84
73.82
73.80
73.78
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 15 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
−3800
−4000
Time (UTC)

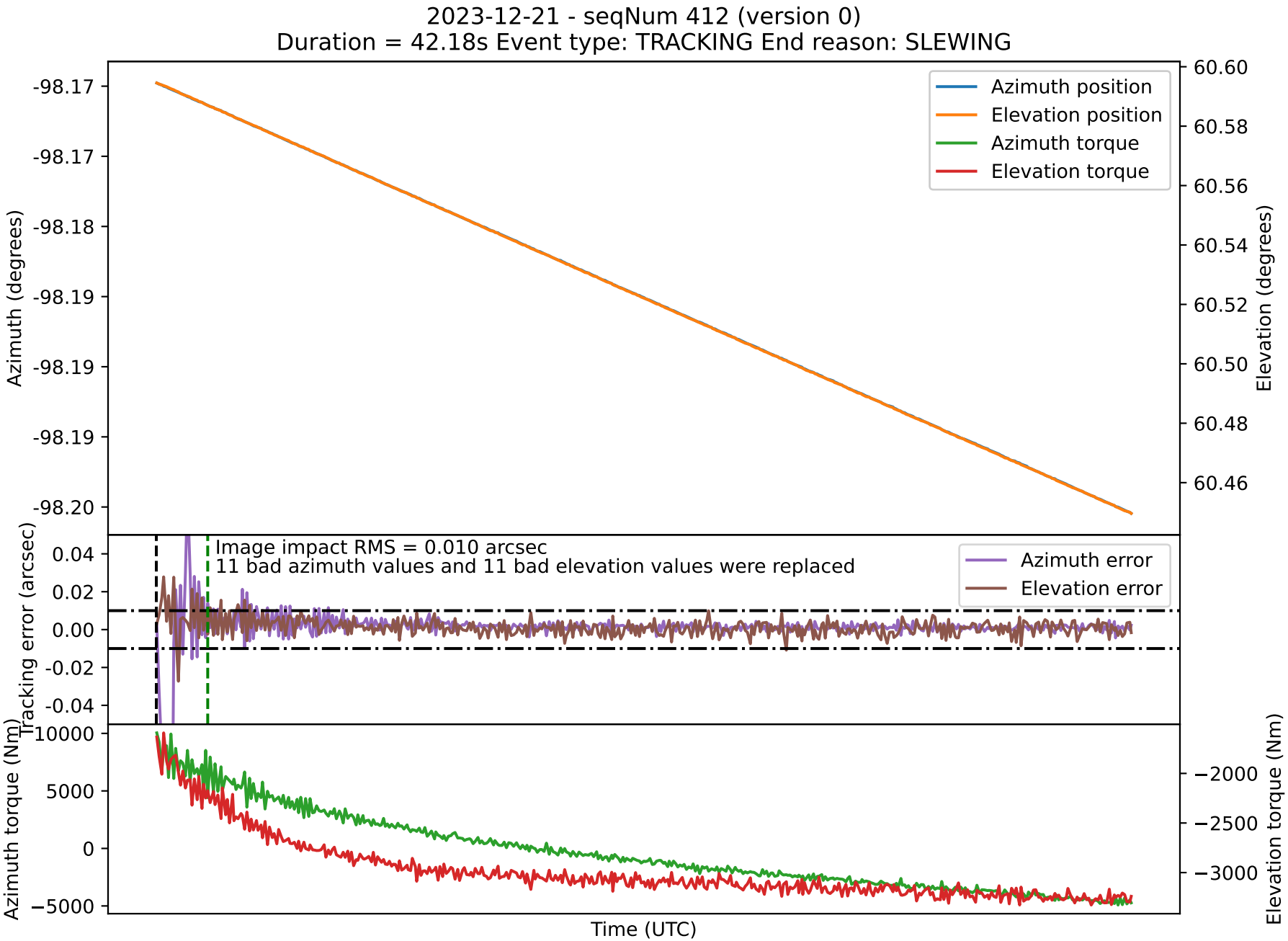

2023-12-21 - seqNum 402 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-102.17
-102.18
-102.19
-102.19
-102.19
-102.20
-102.20
-102.21
71.18
71.16
71.14
71.12
71.10
71.08
71.06
71.04
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−3200
−3400
−3600
−3800
Time (UTC)

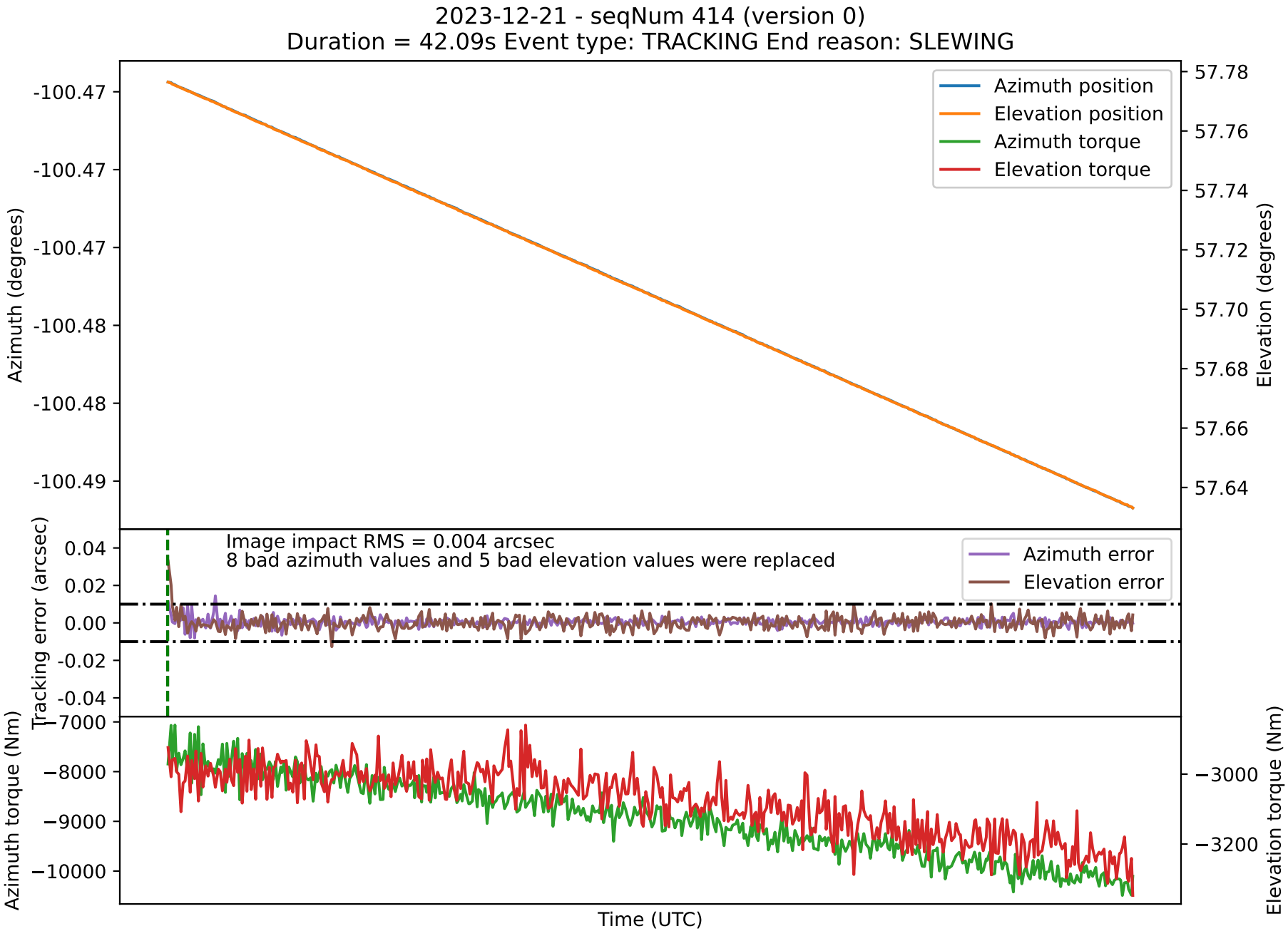

2023-12-21 - seqNum 404 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-96.45
-96.45
-96.45
-96.46
-96.46
-96.46
-96.47
68.76
68.74
68.72
68.70
68.68
68.66
68.64
68.62
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−3250
−3500
−3750
−4000
Time (UTC)

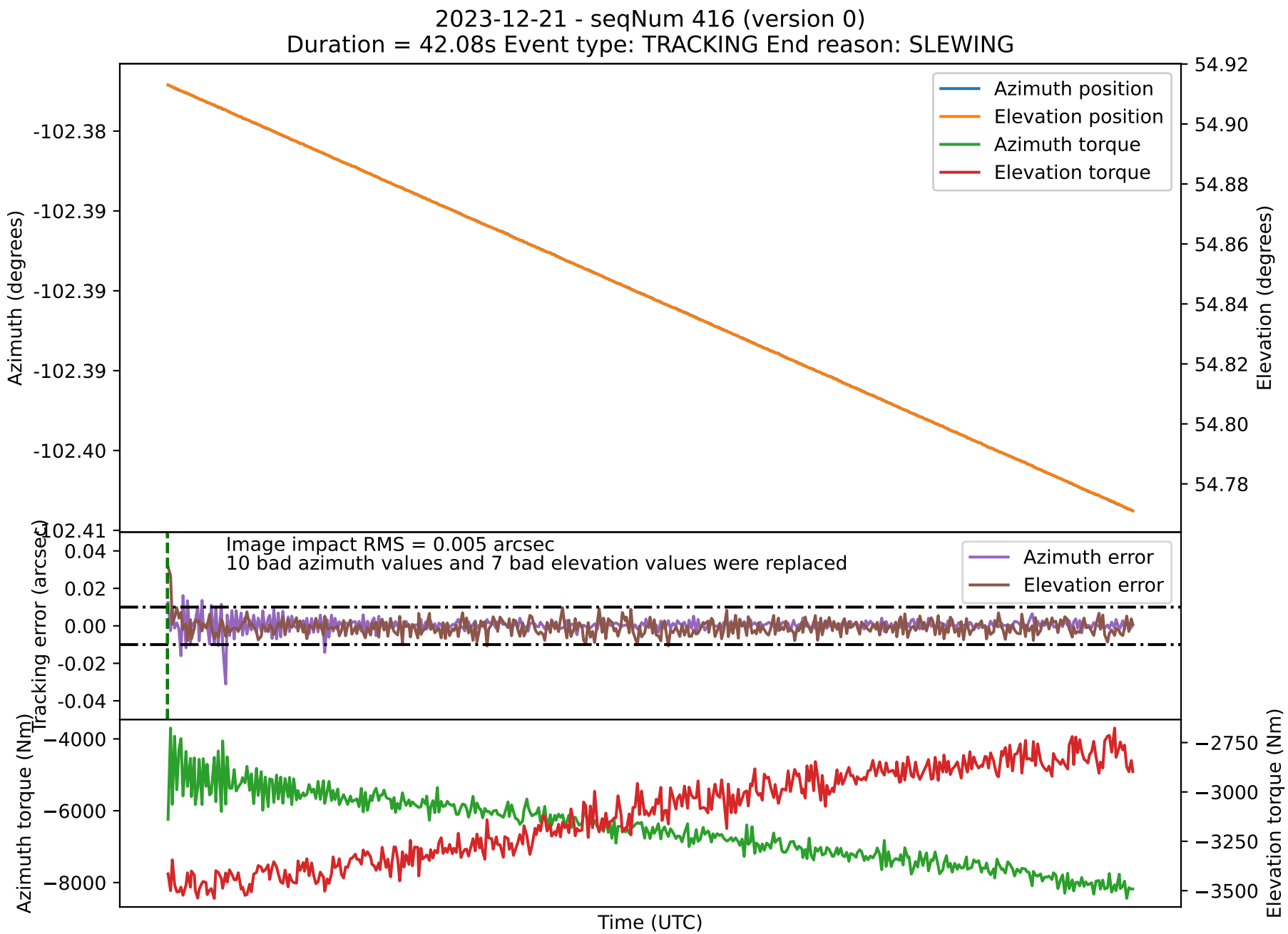

2023-12-21 - seqNum 406 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-99.72
-99.72
-99.72
-99.73
-99.73
-99.73
-99.73
-99.73
66.02
66.00
65.98
65.96
65.94
65.92
65.90
65.88
Image impact RMS = 0.005 arcsec
0 bad azimuth values and 9 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−2000
−4000
−3000
−3250
−3500
Time (UTC)

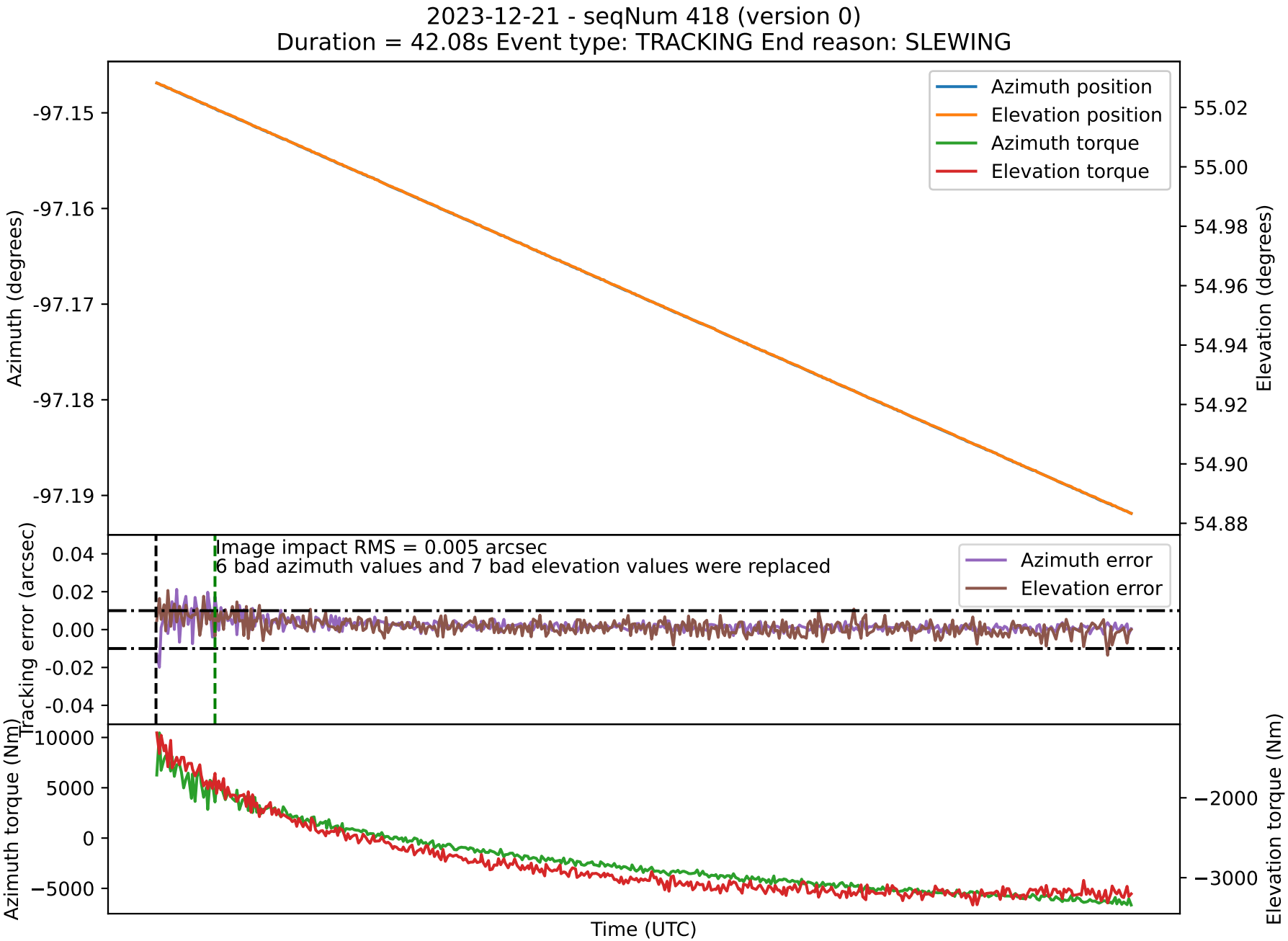

2023-12-21 - seqNum 408 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-102.32
63.22
63.20
63.18
63.16
63.14
63.12
63.10
63.08
Image impact RMS = 0.004 arcsec
0 bad azimuth values and 6 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−3000
−4000
−3200
−3400
−3600
Time (UTC)

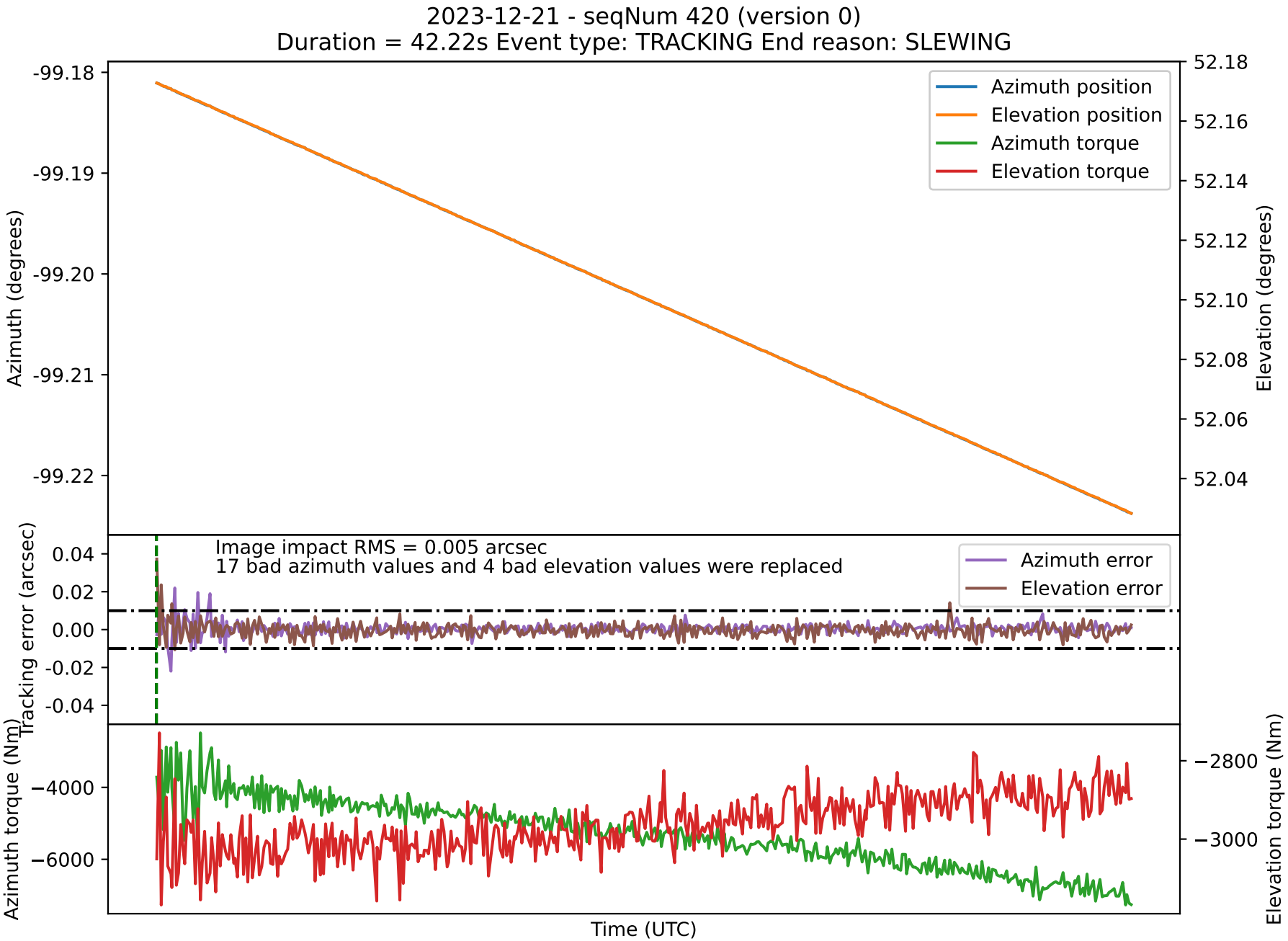

2023-12-21 - seqNum 410 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-104.42
60.38
60.36
60.34
60.32
60.30
60.28
60.26
60.24
Image impact RMS = 0.004 arcsec
0 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−5000
−6000
−3000
−3200
Time (UTC)

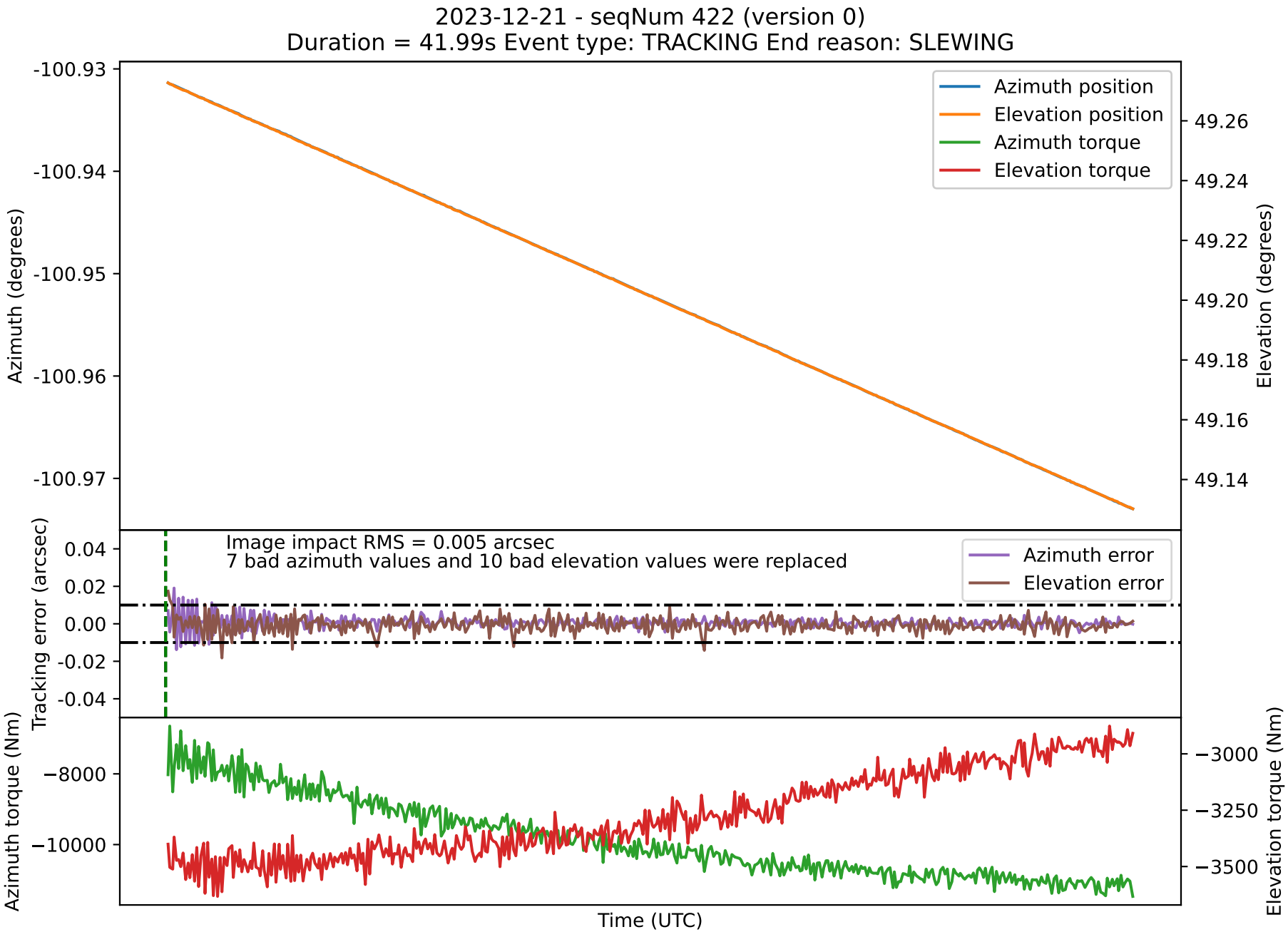

2023-12-21 - seqNum 412 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-98.17
-98.17
-98.18
-98.19
-98.19
-98.19
-98.20
60.60
60.58
60.56
60.54
60.52
60.50
60.48
60.46
Image impact RMS = 0.010 arcsec
11 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−2000
−2500
−3000
Time (UTC)

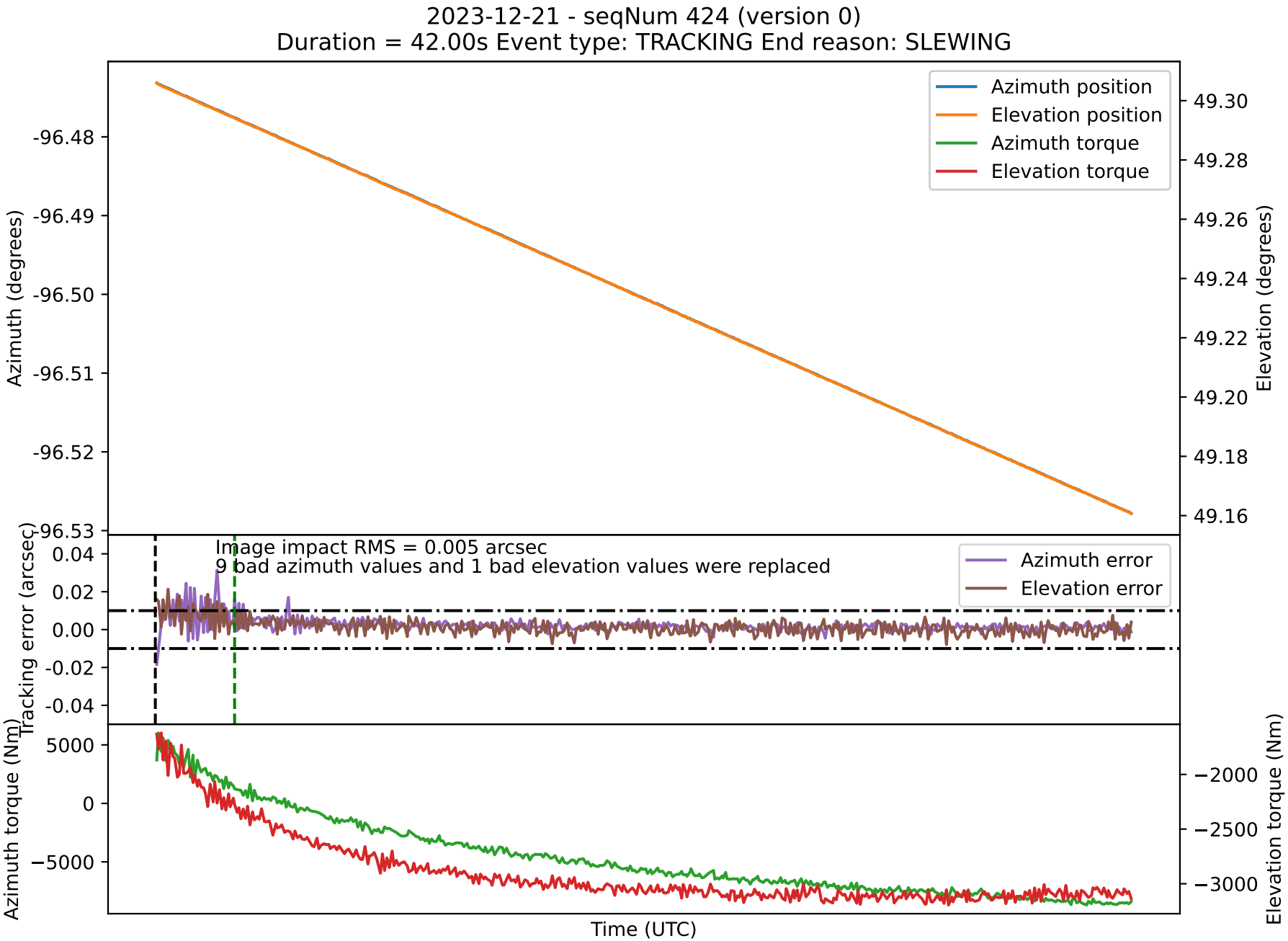

2023-12-21 - seqNum 414 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-100.47
-100.47
-100.47
-100.48
-100.48
-100.49
57.78
57.76
57.74
57.72
57.70
57.68
57.66
57.64
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7000
−8000
−9000
−10000
−3000
−3200
Time (UTC)

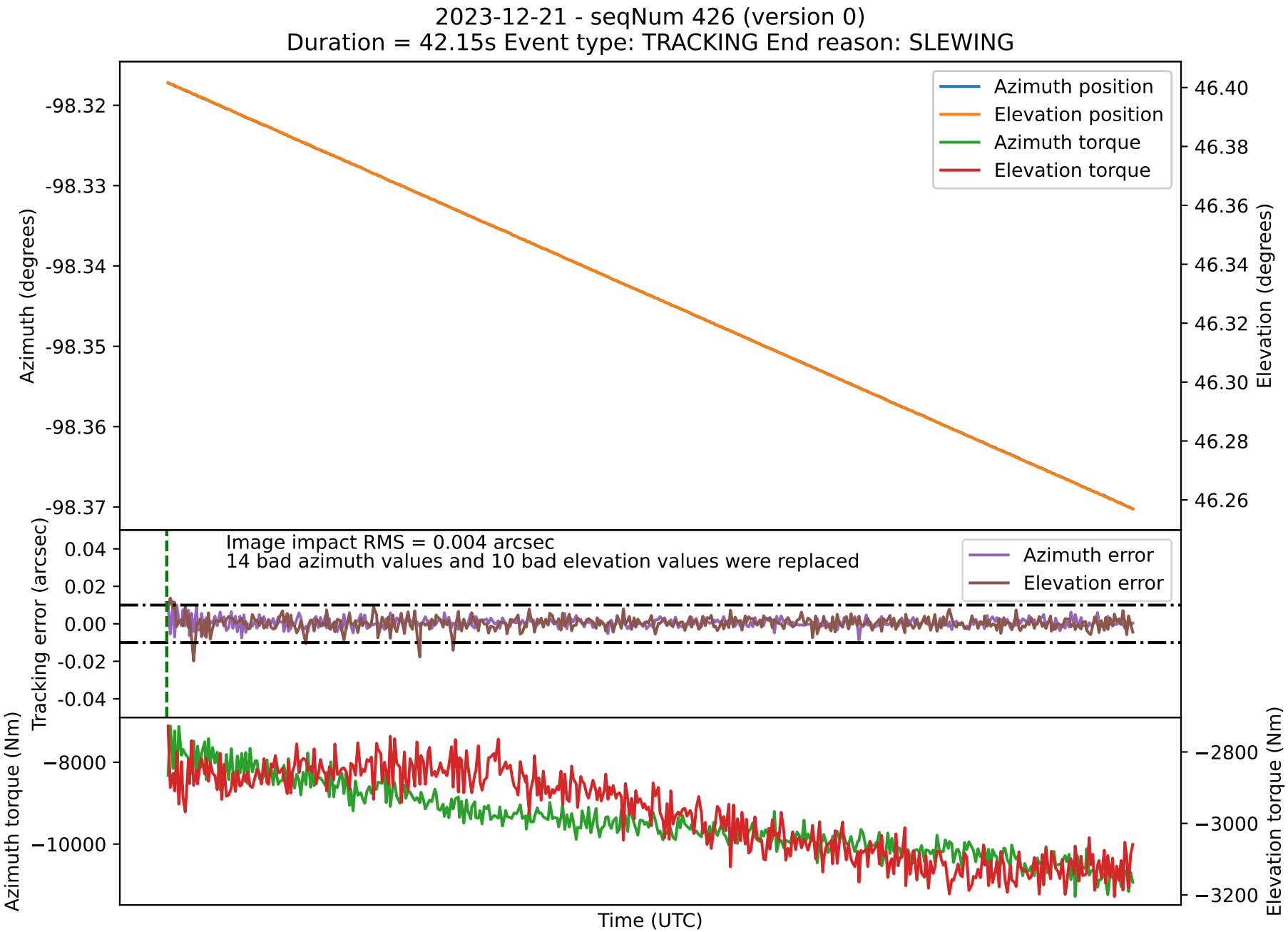

2023-12-21 - seqNum 416 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-102.38
-102.39
-102.39
-102.39
-102.40
-102.41
54.92
54.90
54.88
54.86
54.84
54.82
54.80
54.78
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
−8000
−2750
−3000
−3250
−3500
Time (UTC)

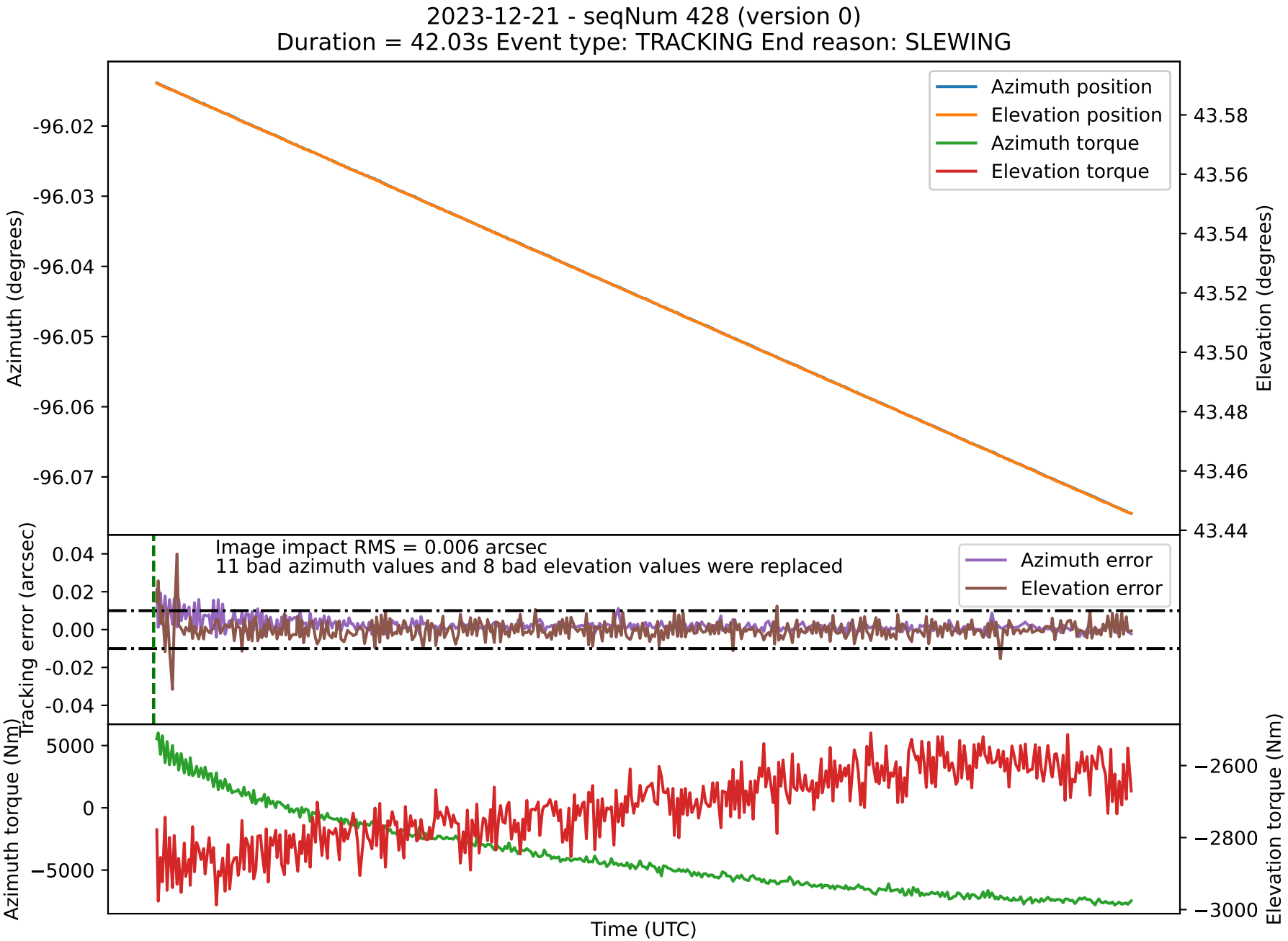

2023-12-21 - seqNum 418 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-97.15
-97.16
-97.17
-97.18
-97.19
55.02
55.00
54.98
54.96
54.94
54.92
54.90
54.88
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−2000
−3000
Time (UTC)

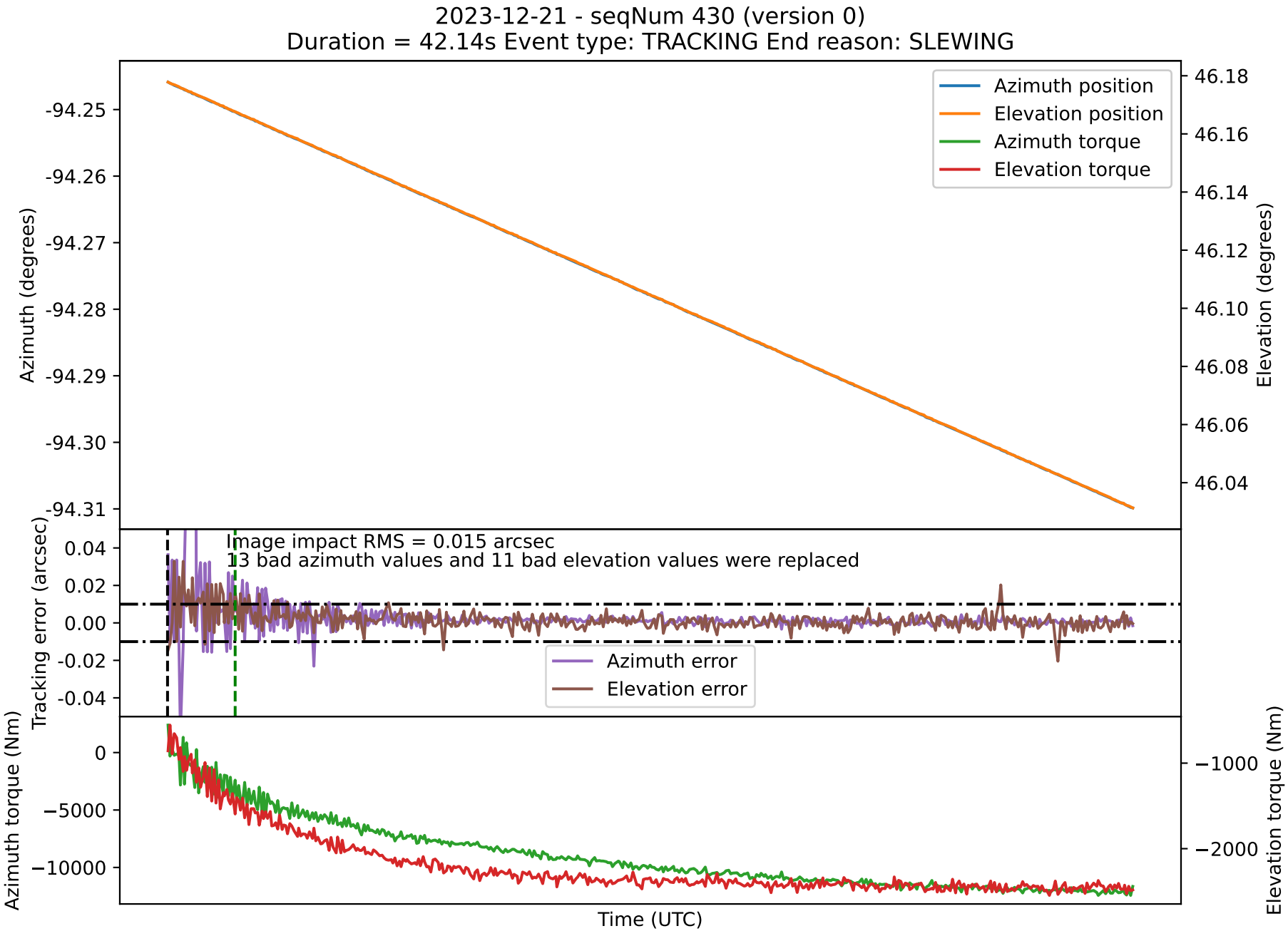

2023-12-21 - seqNum 420 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-99.18
-99.19
-99.20
-99.21
-99.22
52.18
52.16
52.14
52.12
52.10
52.08
52.06
52.04
Image impact RMS = 0.005 arcsec
17 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
−2800
−3000
Time (UTC)

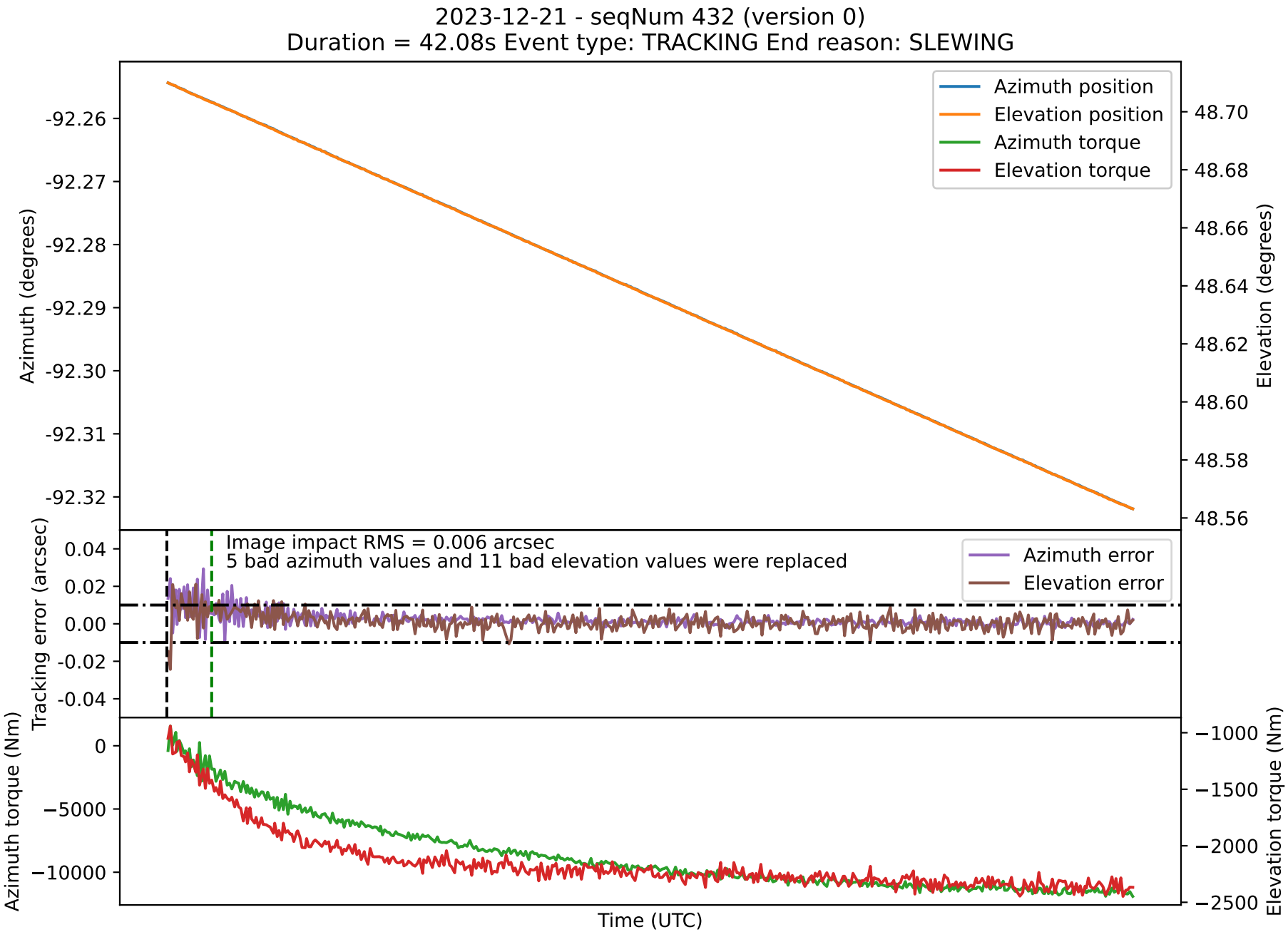

2023-12-21 - seqNum 422 (version 0)
Duration = 41.99s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-100.93
-100.94
-100.95
-100.96
-100.97
49.26
49.24
49.22
49.20
49.18
49.16
49.14
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−3000
−3250
−3500
Time (UTC)

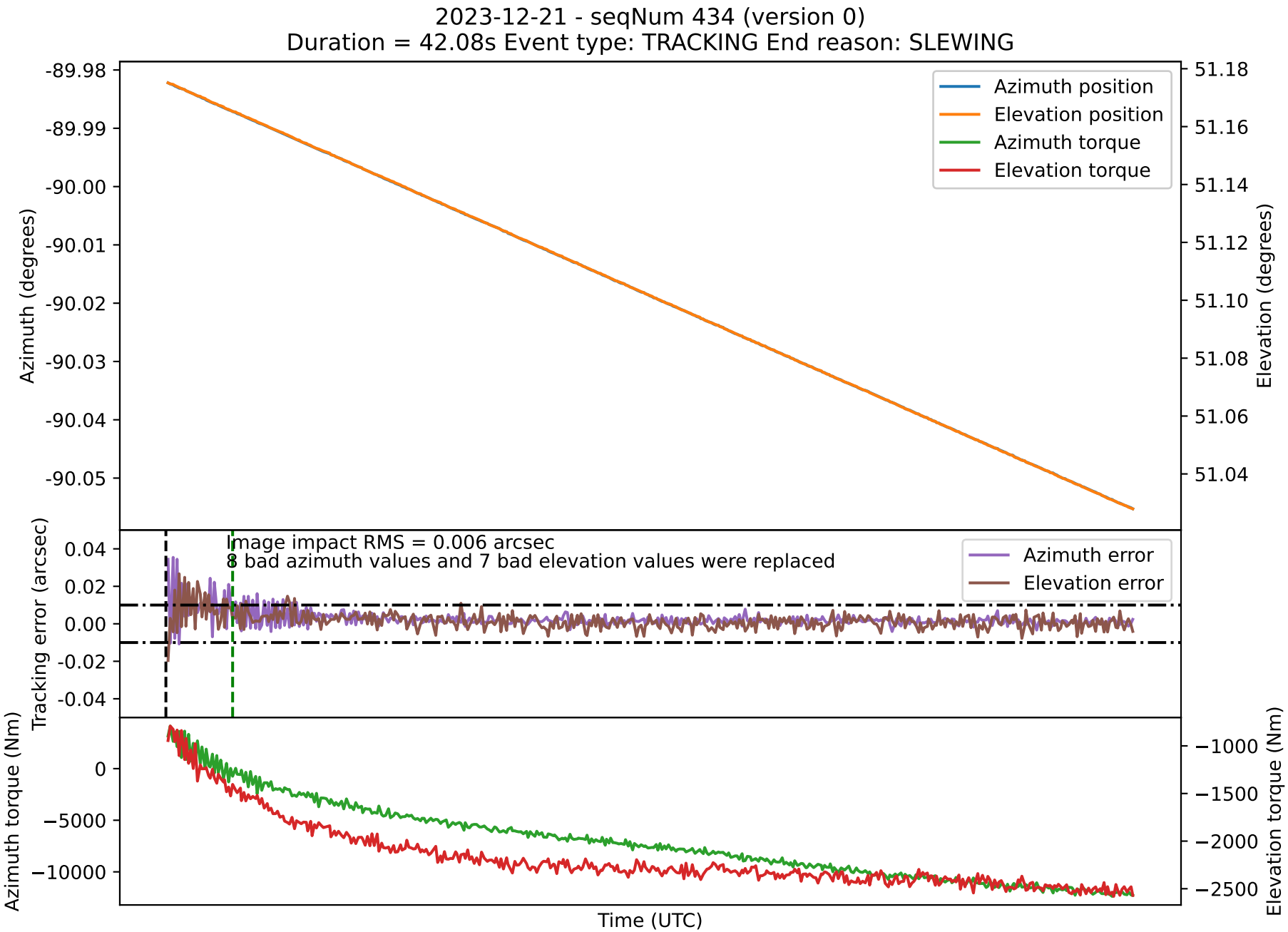

2023-12-21 - seqNum 424 (version 0)
Duration = 42.00s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-96.48
-96.49
-96.50
-96.51
-96.52
-96.53
49.30
49.28
49.26
49.24
49.22
49.20
49.18
49.16
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 1 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−2000
−2500
−3000
Time (UTC)

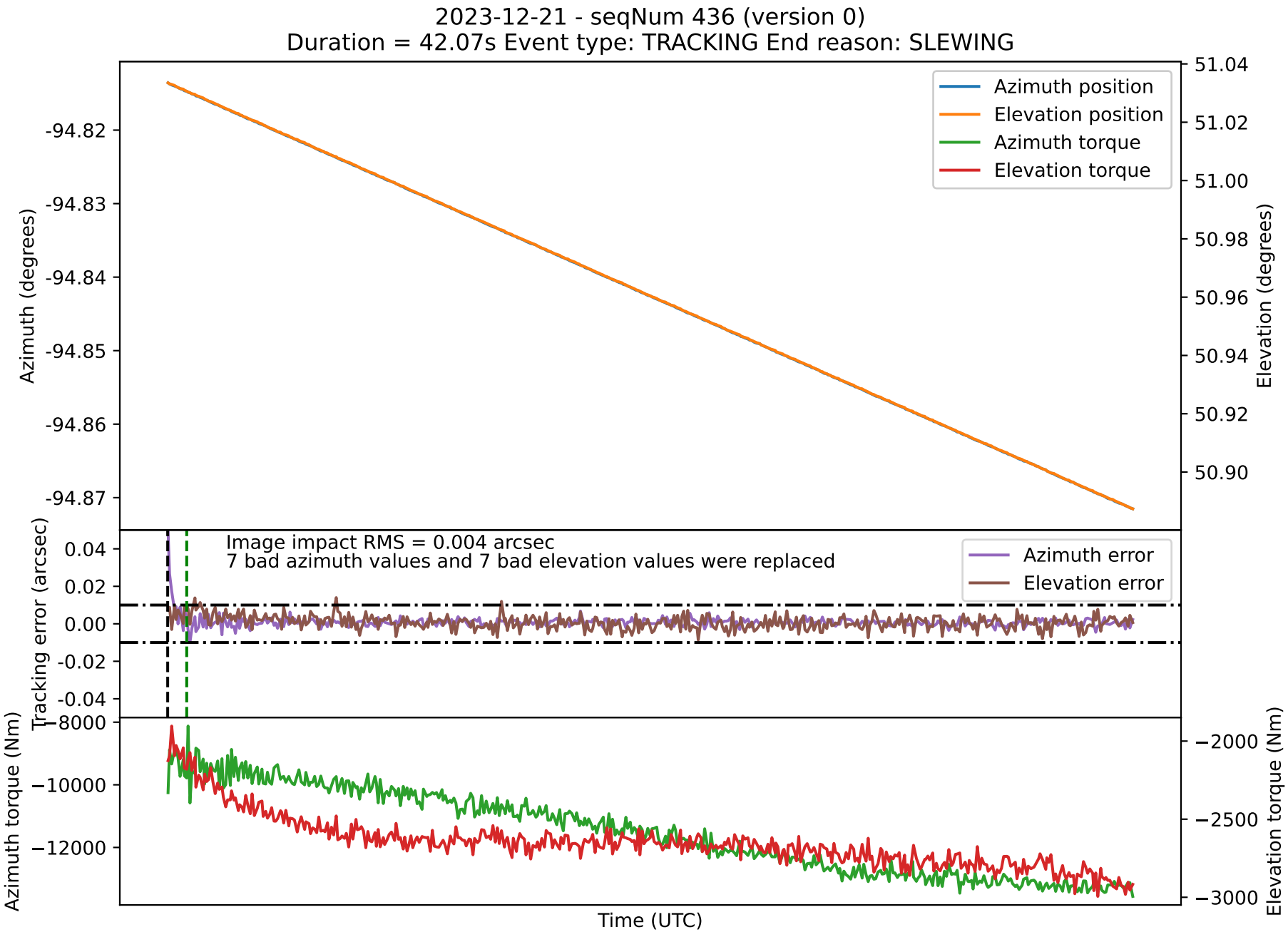

2023-12-21 - seqNum 426 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-98.32
-98.33
-98.34
-98.35
-98.36
-98.37
46.40
46.38
46.36
46.34
46.32
46.30
46.28
46.26
Image impact RMS = 0.004 arcsec
14 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−2800
−3000
−3200
Time (UTC)

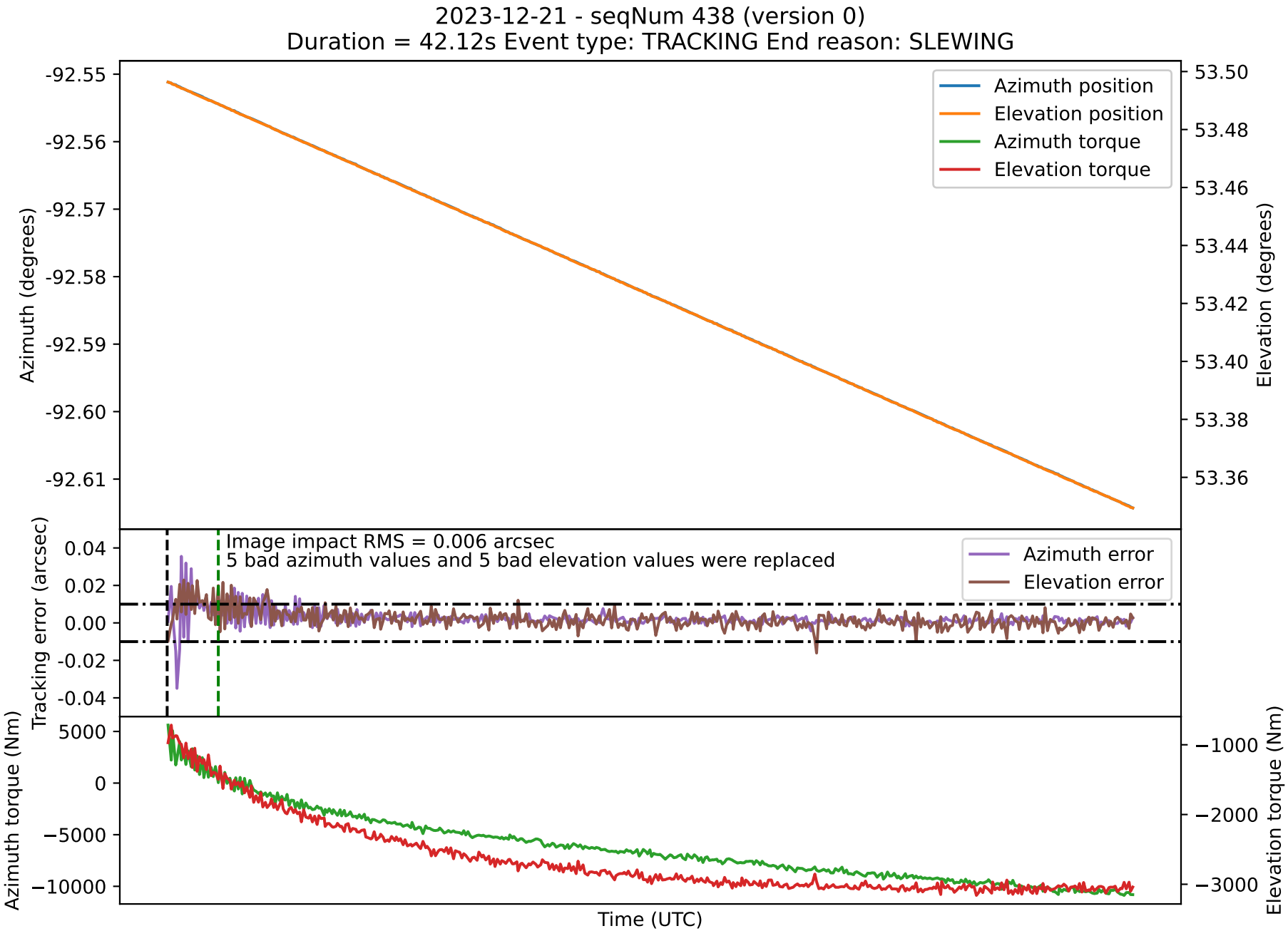

2023-12-21 - seqNum 428 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-96.02
-96.03
-96.04
-96.05
-96.06
-96.07
43.58
43.56
43.54
43.52
43.50
43.48
43.46
43.44
Image impact RMS = 0.006 arcsec
11 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−2600
−2800
−3000
Time (UTC)

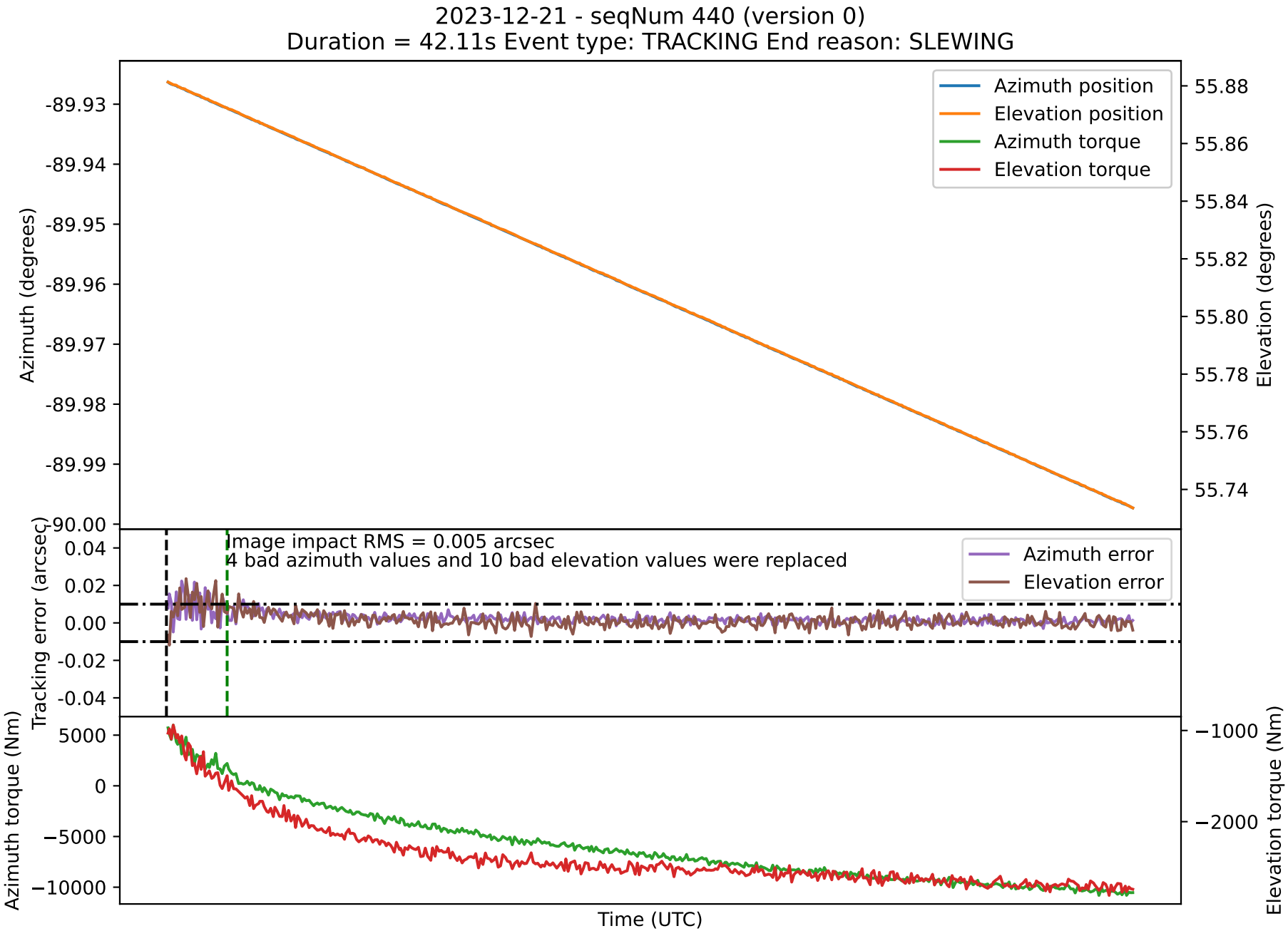

2023-12-21 - seqNum 430 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-94.25
-94.26
-94.27
-94.28
-94.29
-94.30
-94.31
46.18
46.16
46.14
46.12
46.10
46.08
46.06
46.04
Image impact RMS = 0.015 arcsec
13 bad azimuth values and 11 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
Time (UTC)

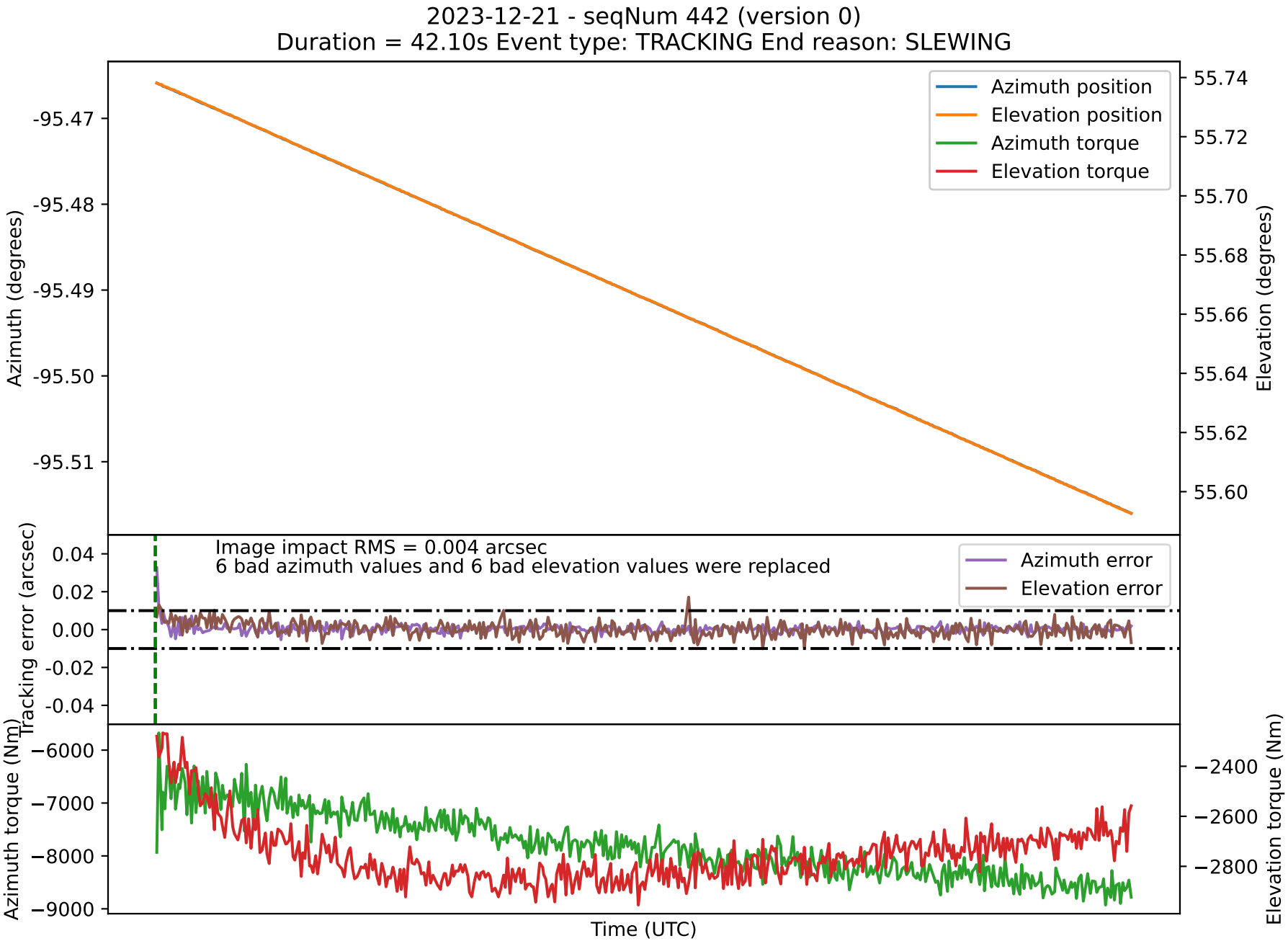

2023-12-21 - seqNum 432 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-92.26
-92.27
-92.28
-92.29
-92.30
-92.31
-92.32
48.70
48.68
48.66
48.64
48.62
48.60
48.58
48.56
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−1500
−2000
−2500
Time (UTC)

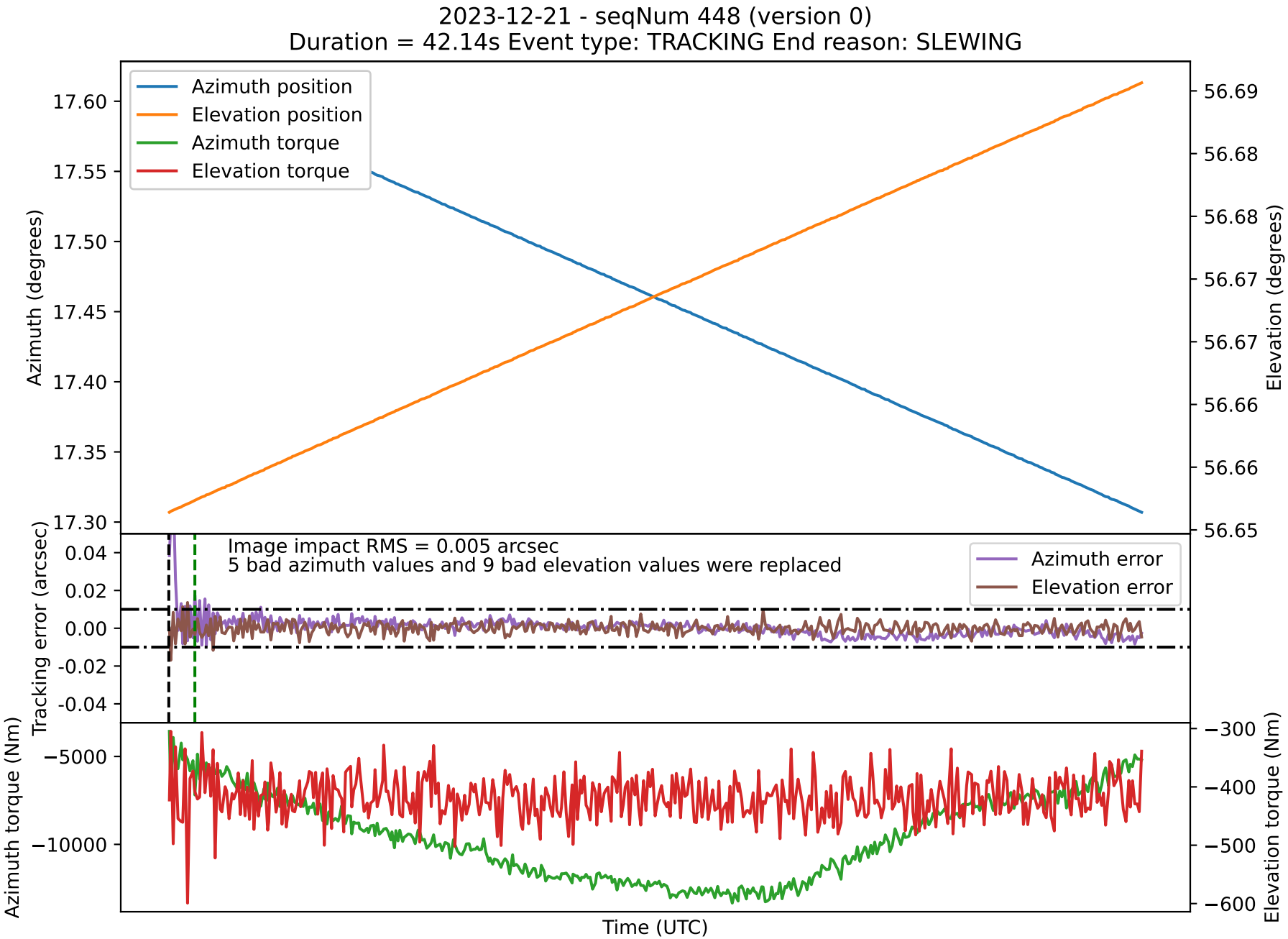

2023-12-21 - seqNum 434 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-89.98
-89.99
-90.00
-90.01
-90.02
-90.03
-90.04
-90.05
51.18
51.16
51.14
51.12
51.10
51.08
51.06
51.04
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−1500
−2000
−2500
Time (UTC)

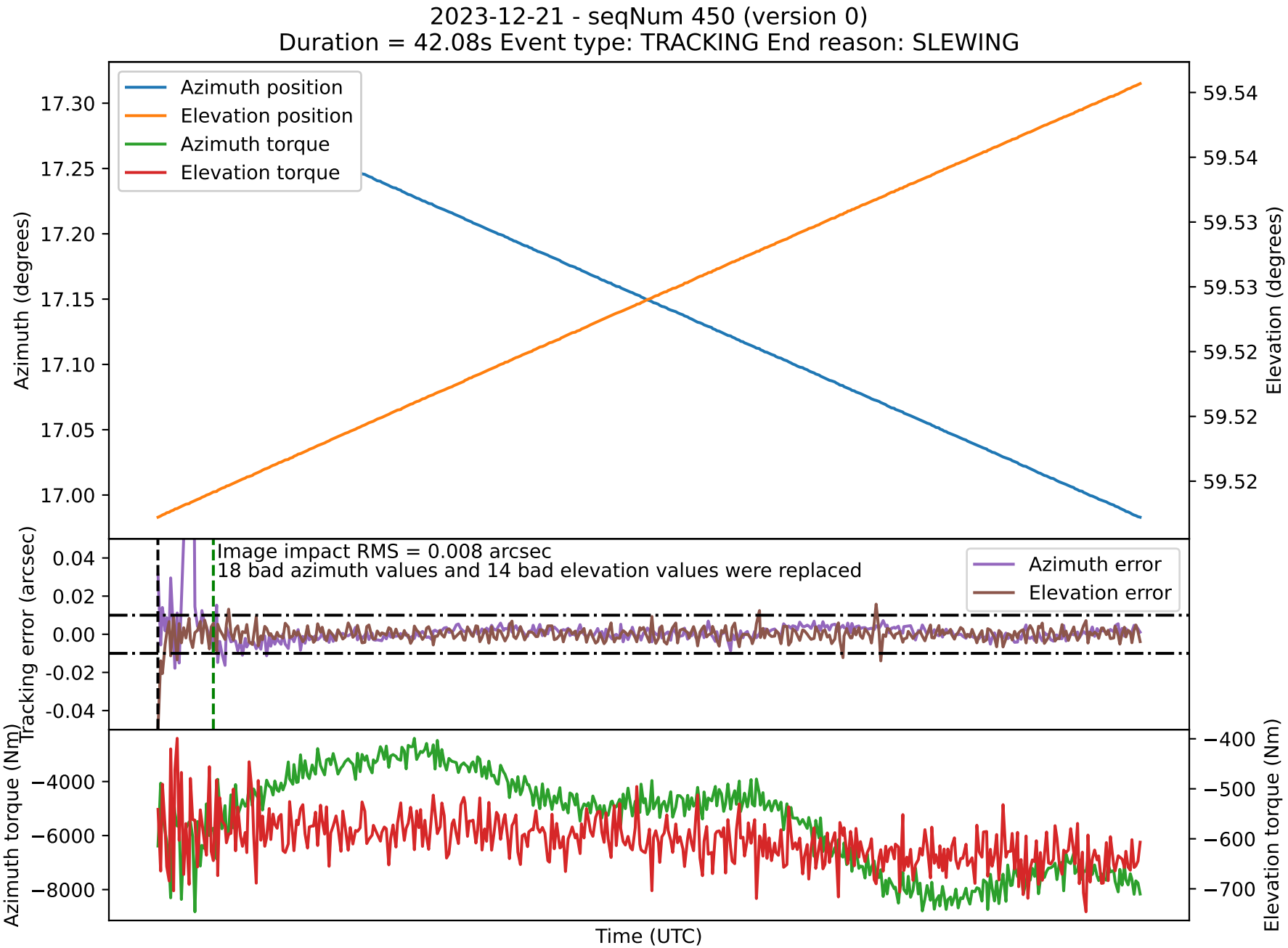

2023-12-21 - seqNum 436 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-94.82
-94.83
-94.84
-94.85
-94.86
-94.87
51.04
51.02
51.00
50.98
50.96
50.94
50.92
50.90
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
−2000
−2500
−3000
Time (UTC)

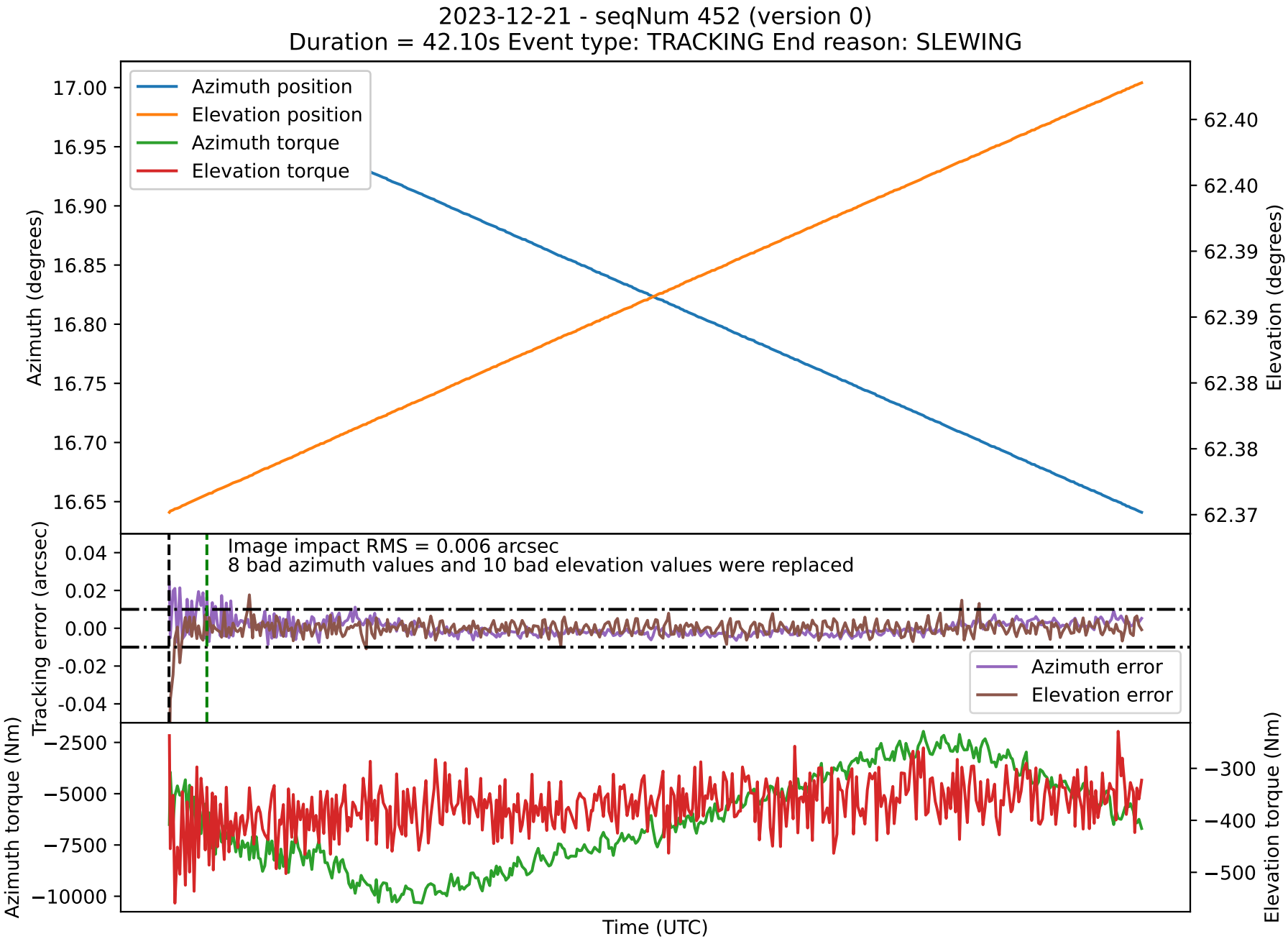

2023-12-21 - seqNum 438 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-92.55
-92.56
-92.57
-92.58
-92.59
-92.60
-92.61
53.50
53.48
53.46
53.44
53.42
53.40
53.38
53.36
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−10000
−1000
−2000
−3000
Time (UTC)

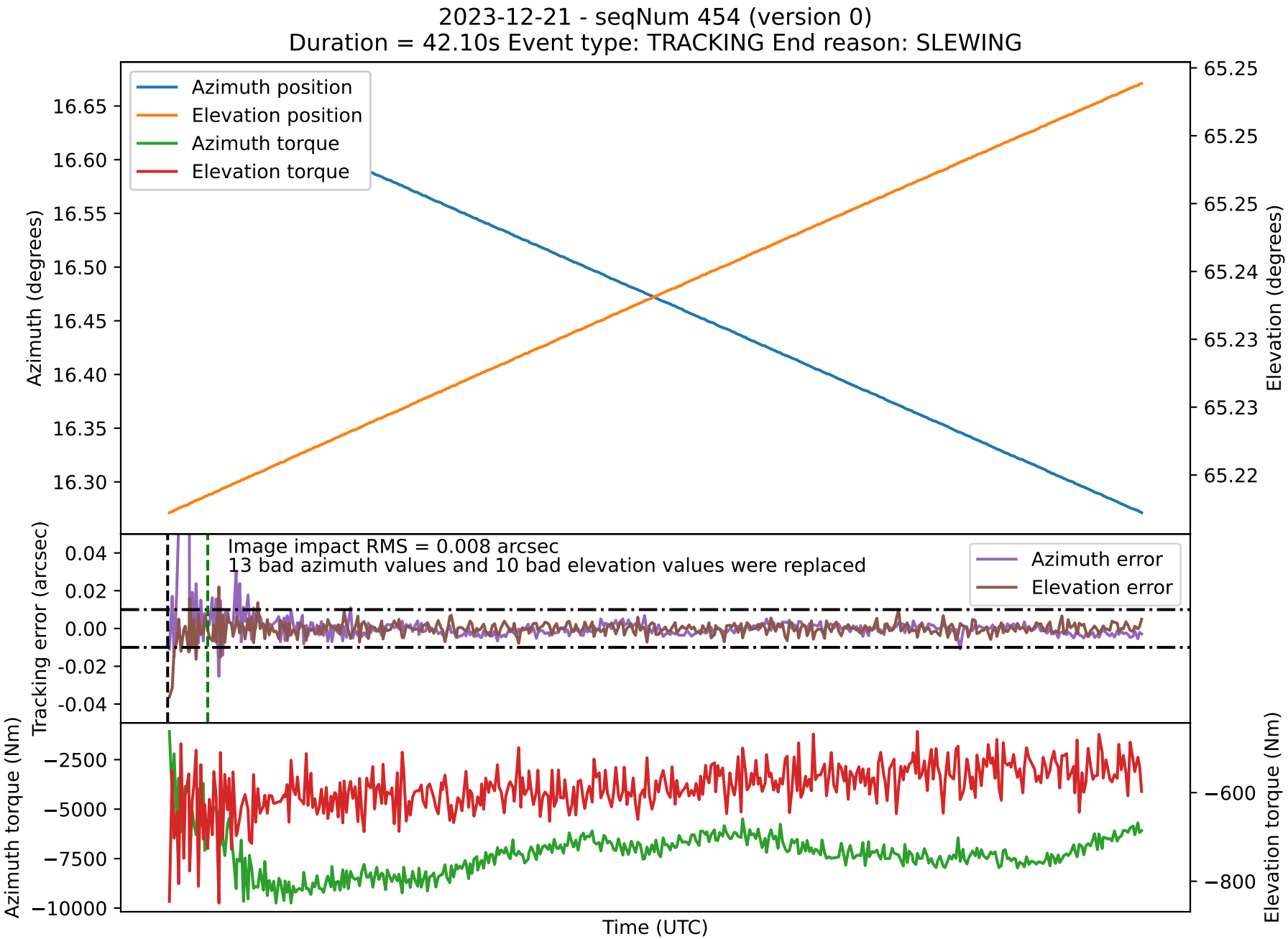

2023-12-21 - seqNum 440 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-89.93
-89.94
-89.95
-89.96
-89.97
-89.98
-89.99
-90.00
55.88
55.86
55.84
55.82
55.80
55.78
55.76
55.74
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−10000
−1000
−2000
Time (UTC)

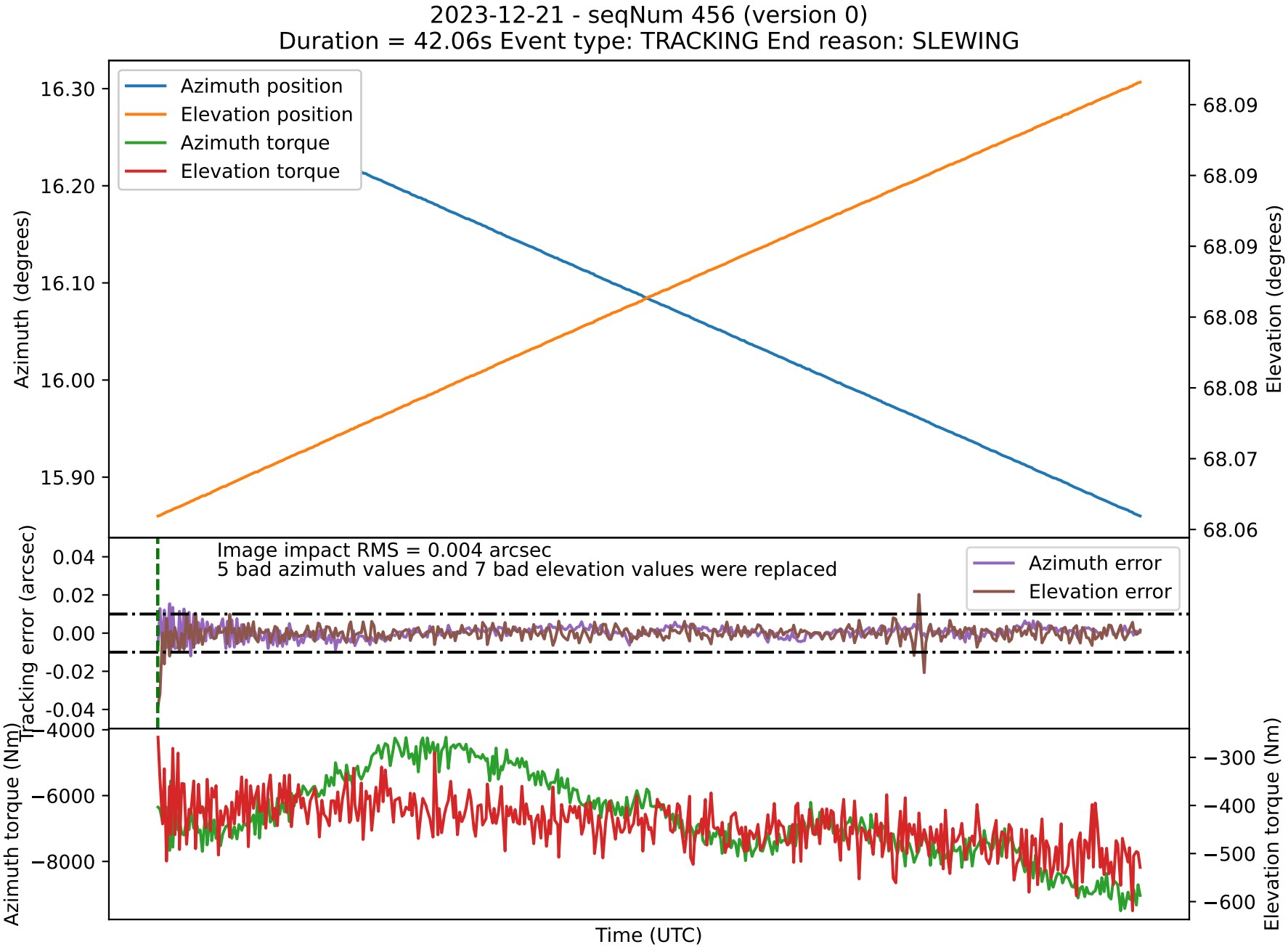

2023-12-21 - seqNum 442 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-95.47
-95.48
-95.49
-95.50
-95.51
55.74
55.72
55.70
55.68
55.66
55.64
55.62
55.60
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−7000
−8000
−9000
−2400
−2600
−2800
Time (UTC)

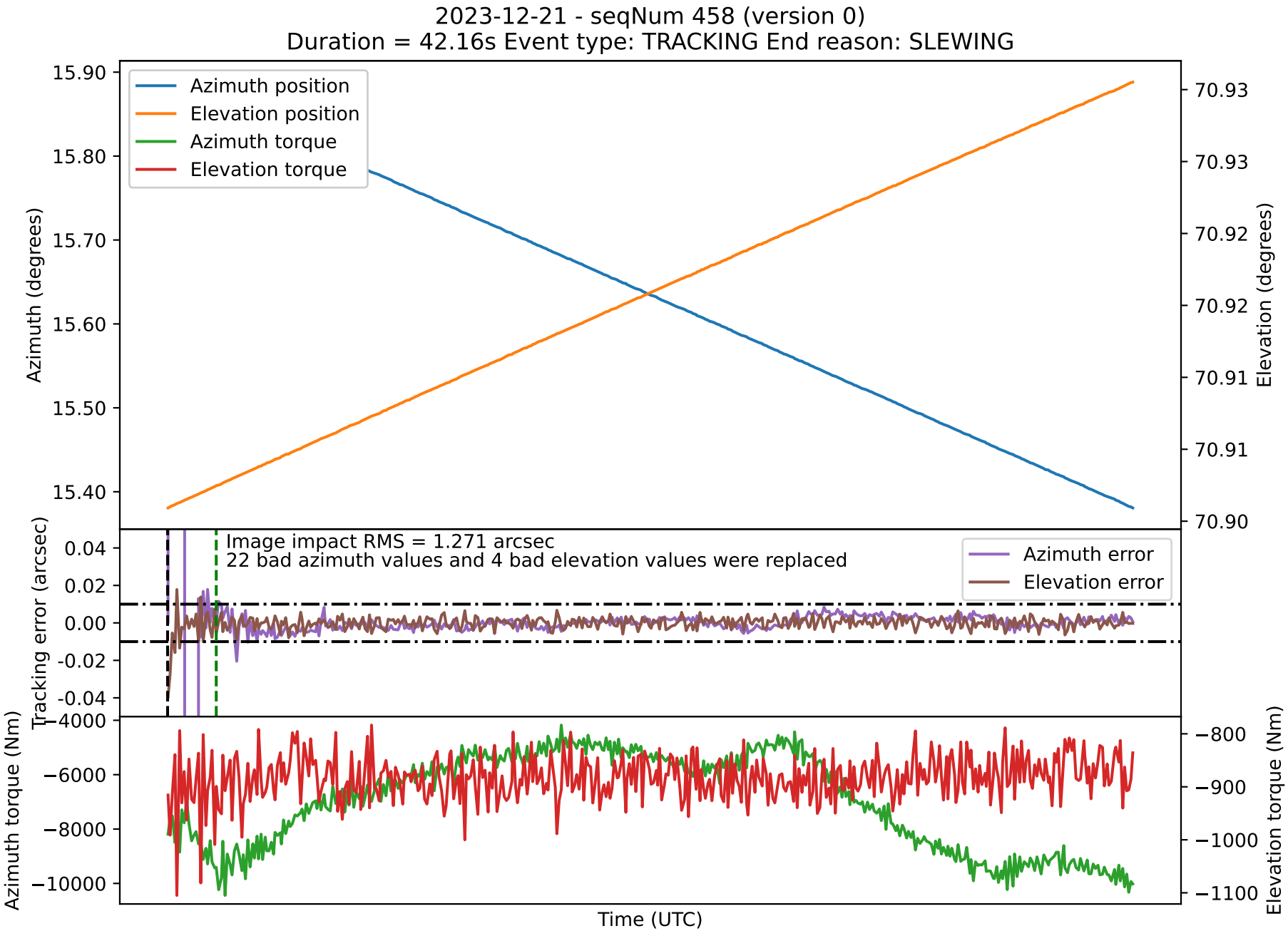

2023-12-21 - seqNum 448 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
17.60
17.55
17.50
17.45
17.40
17.35
17.30
56.69
56.68
56.68
56.67
56.67
56.66
56.66
56.65
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−300
−400
−500
−600
Time (UTC)

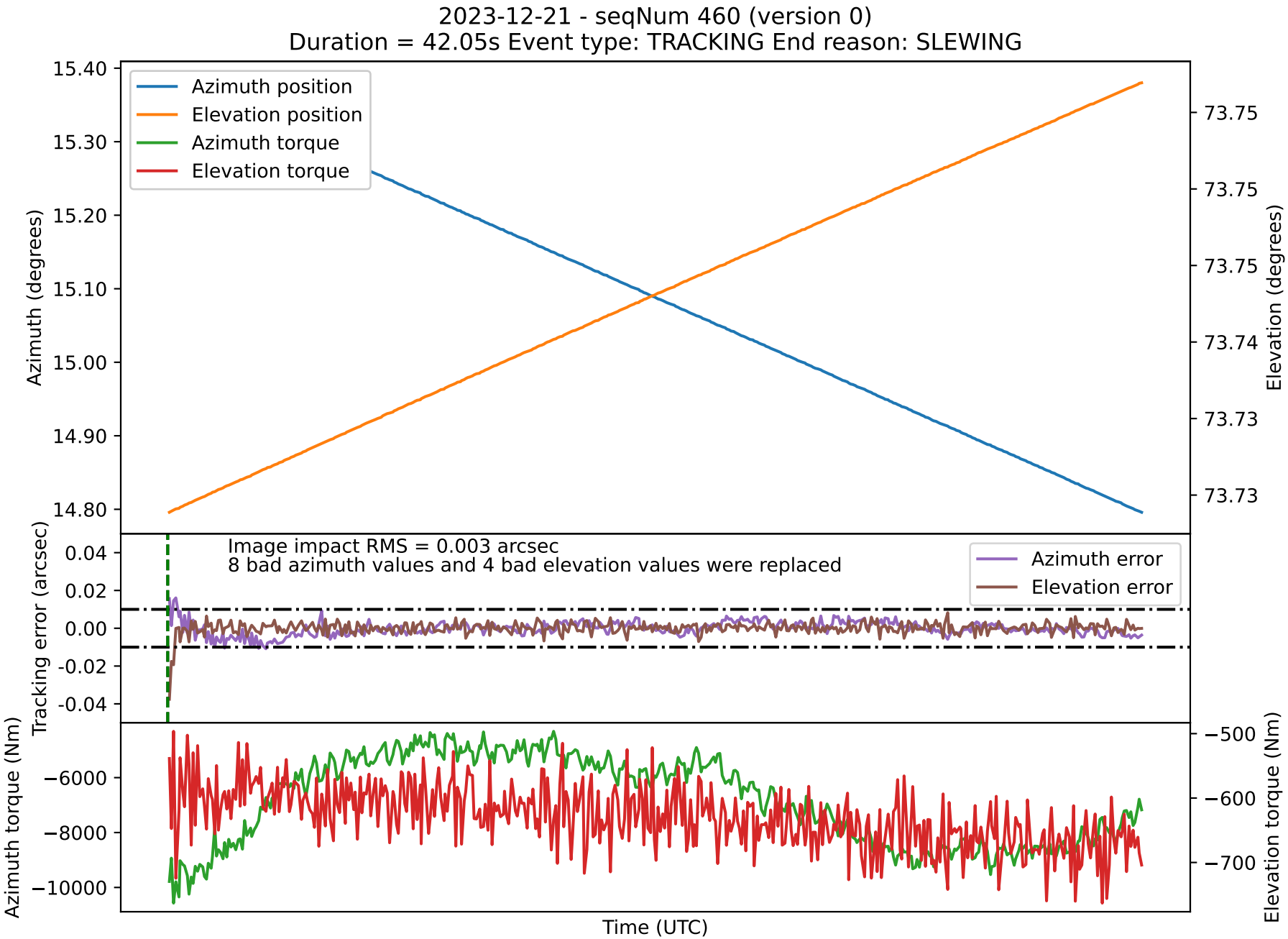

2023-12-21 - seqNum 450 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.008 arcsec
18 bad azimuth values and 14 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

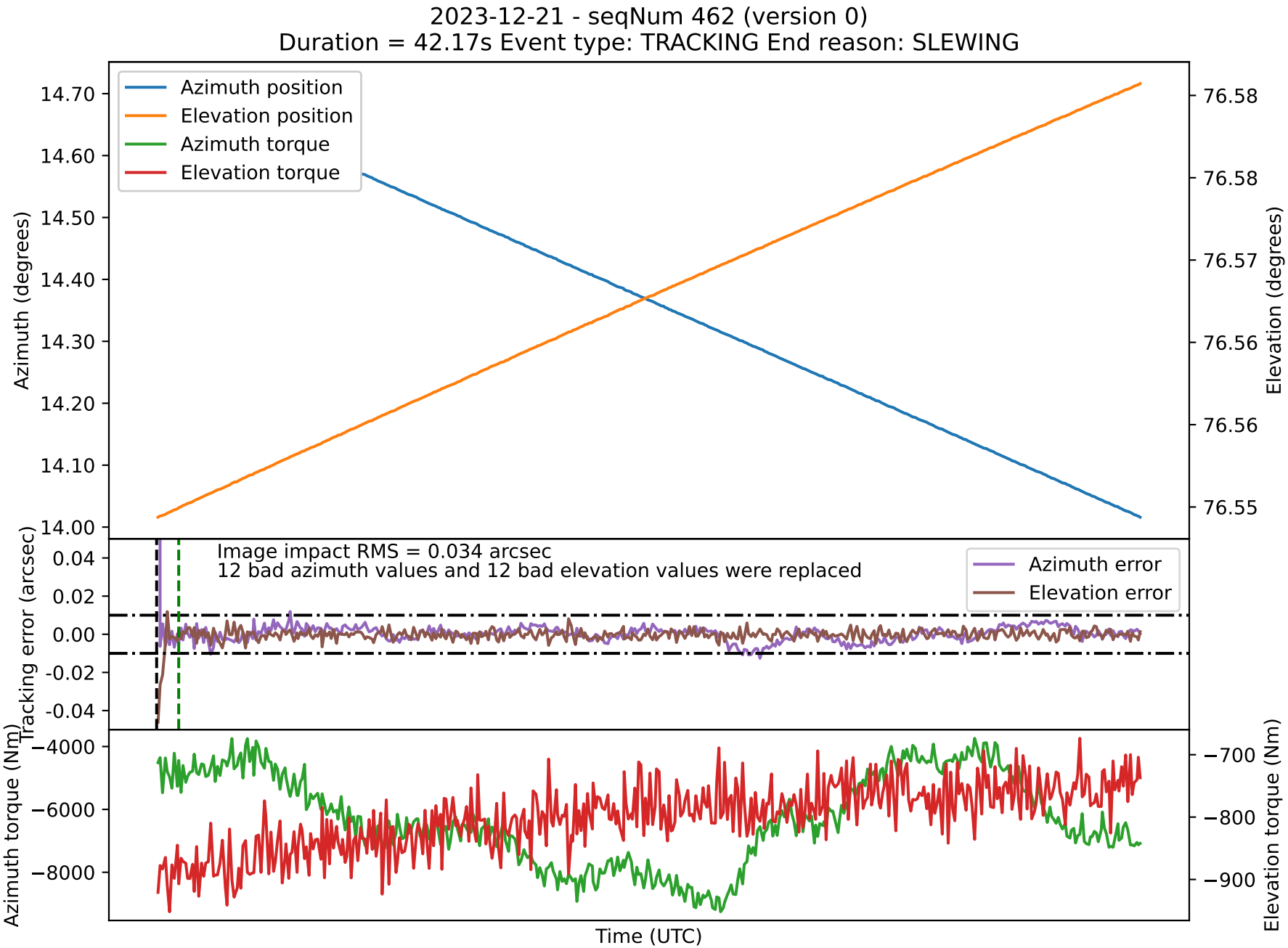

2023-12-21 - seqNum 452 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
17.00
16.95
16.90
16.85
16.80
16.75
16.70
16.65
62.40
62.40
62.39
62.39
62.38
62.38
62.37
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 10 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−2500
−5000
−7500
−10000
−300
−400
−500
Time (UTC)

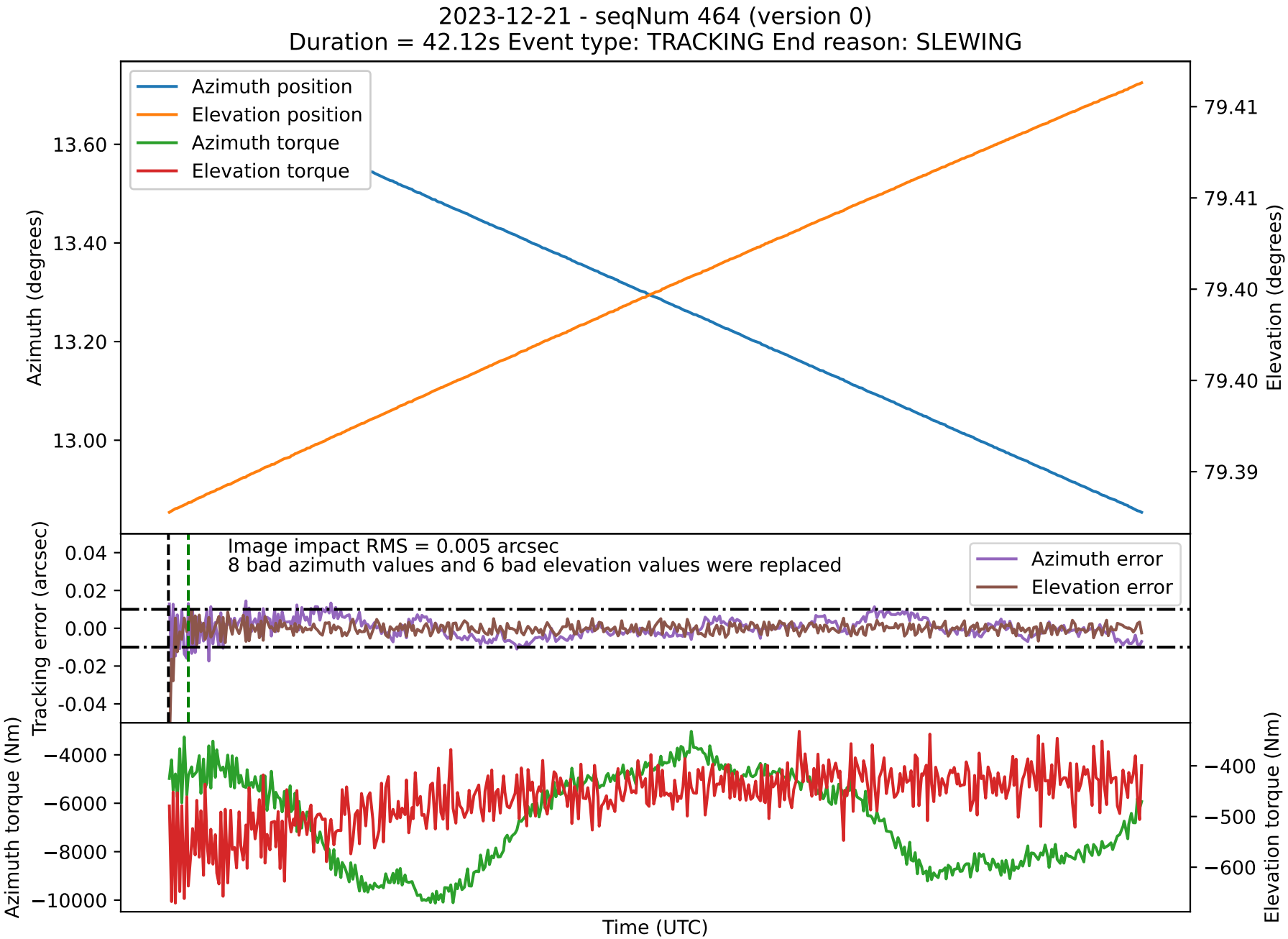

2023-12-21 - seqNum 454 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.008 arcsec
13 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

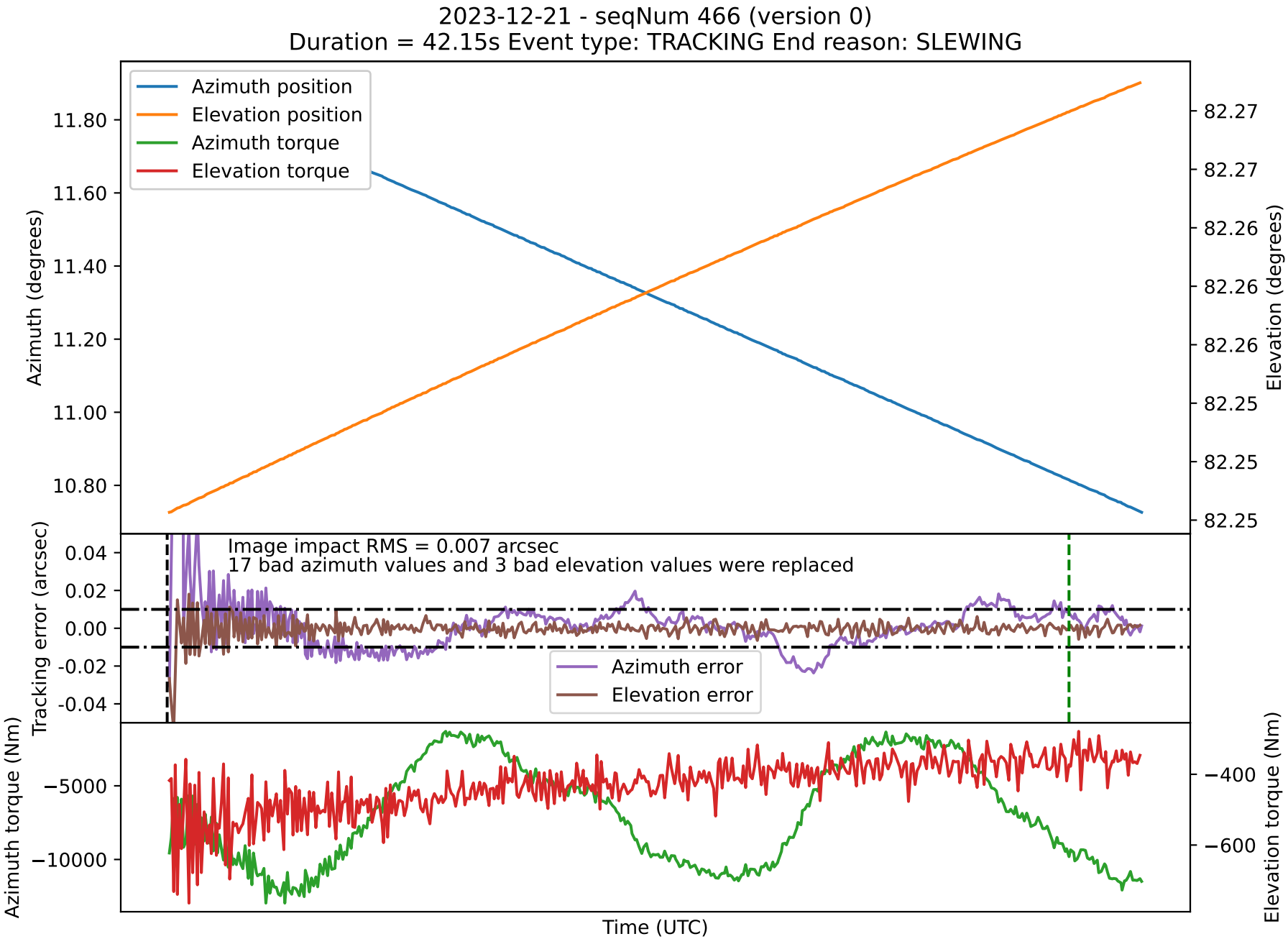

2023-12-21 - seqNum 456 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
16.30
16.20
16.10
16.00
15.90
68.09
68.09
68.09
68.08
68.08
68.07
68.06
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
−8000
−300
−400
−500
−600
Time (UTC)

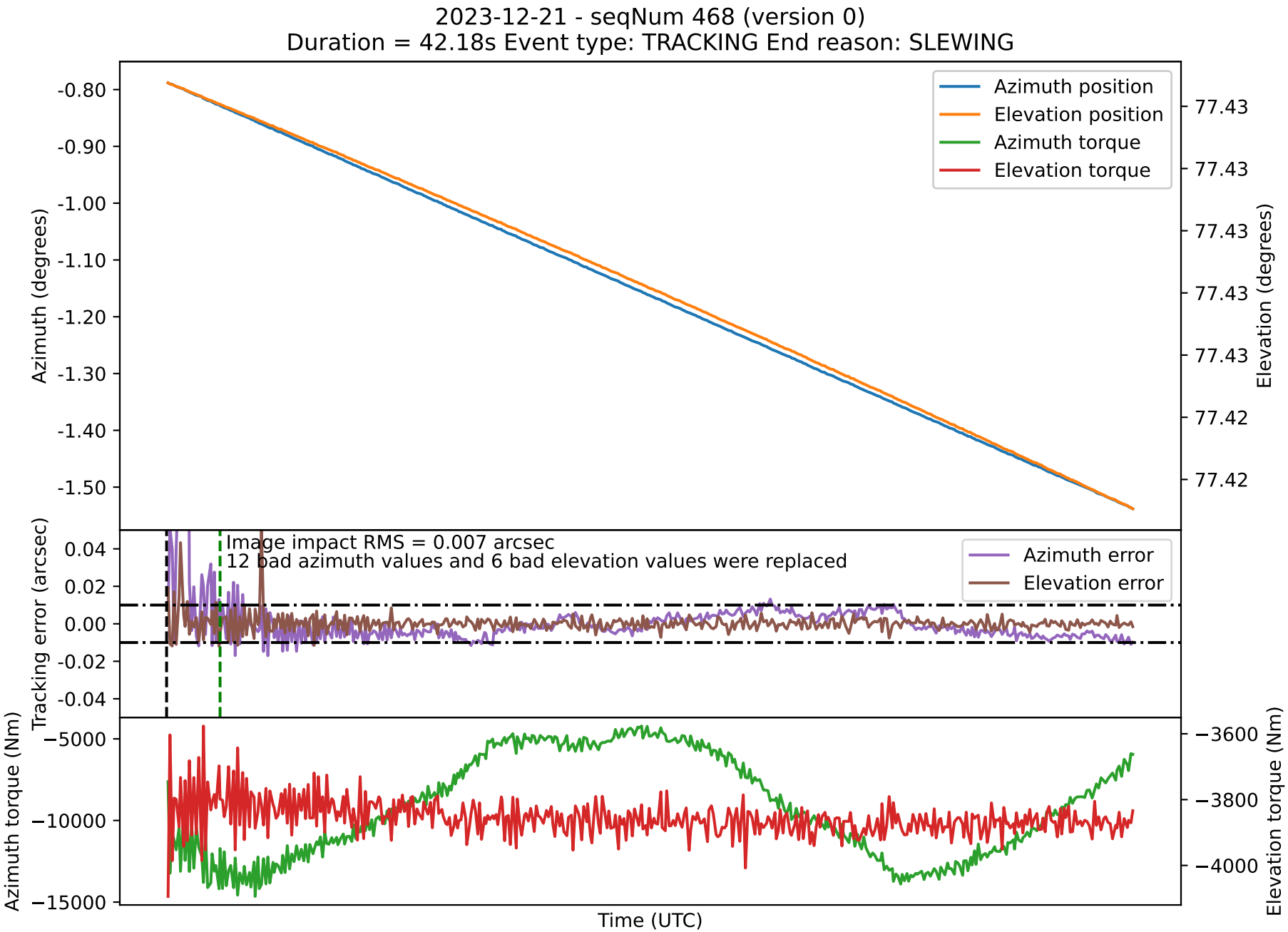

2023-12-21 - seqNum 458 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
15.90
15.80
15.70
15.60
15.50
15.40
70.93
70.93
70.92
70.92
70.91
70.91
70.90
Image impact RMS = 1.271 arcsec
22 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
−8000
−10000
−800
−900
−1000
−1100
Time (UTC)

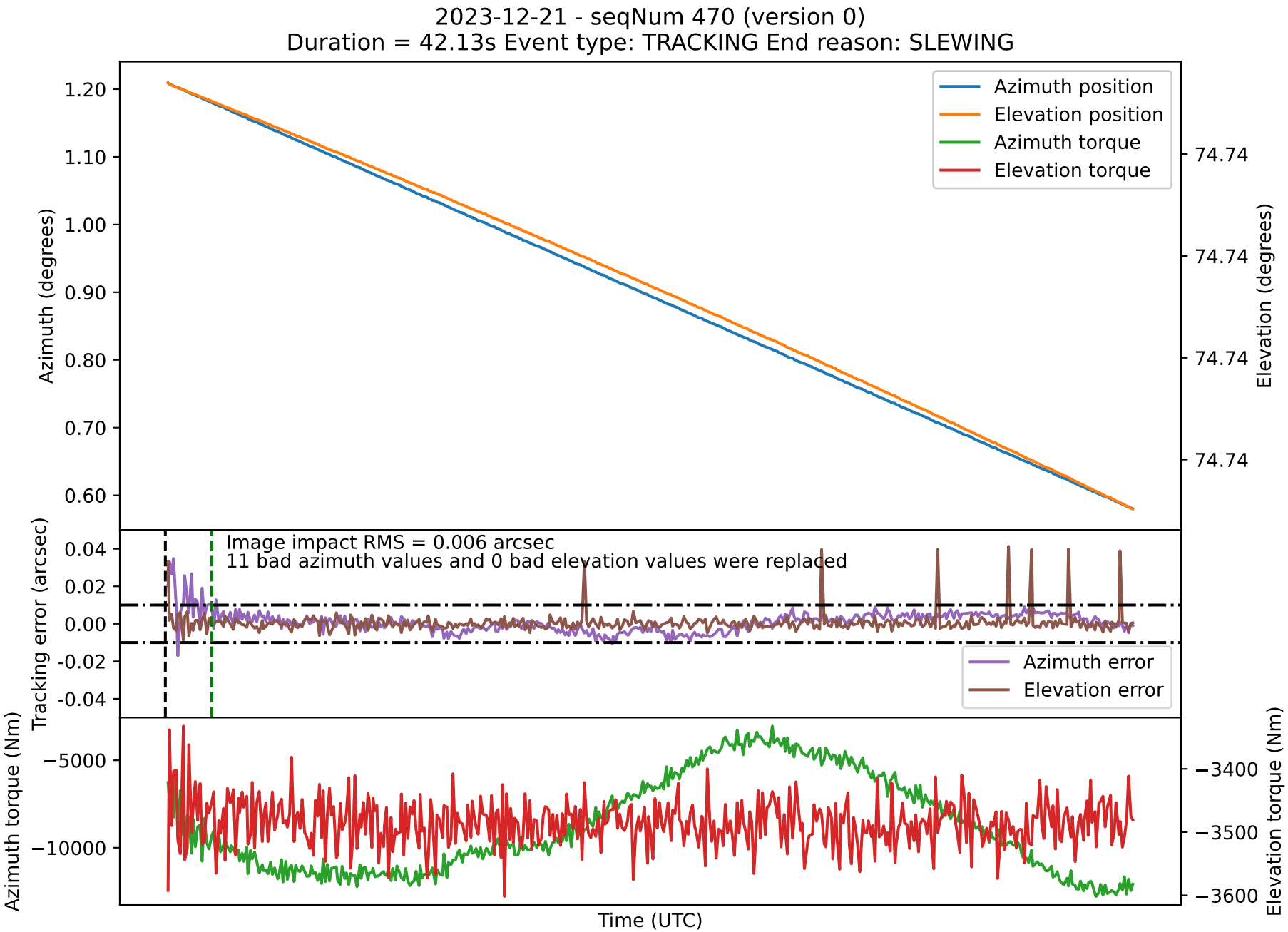

2023-12-21 - seqNum 460 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
15.40
15.30
15.20
15.10
15.00
14.90
14.80
73.75
73.75
73.75
73.74
73.73
73.73
Image impact RMS = 0.003 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−500
−600
−700
Time (UTC)

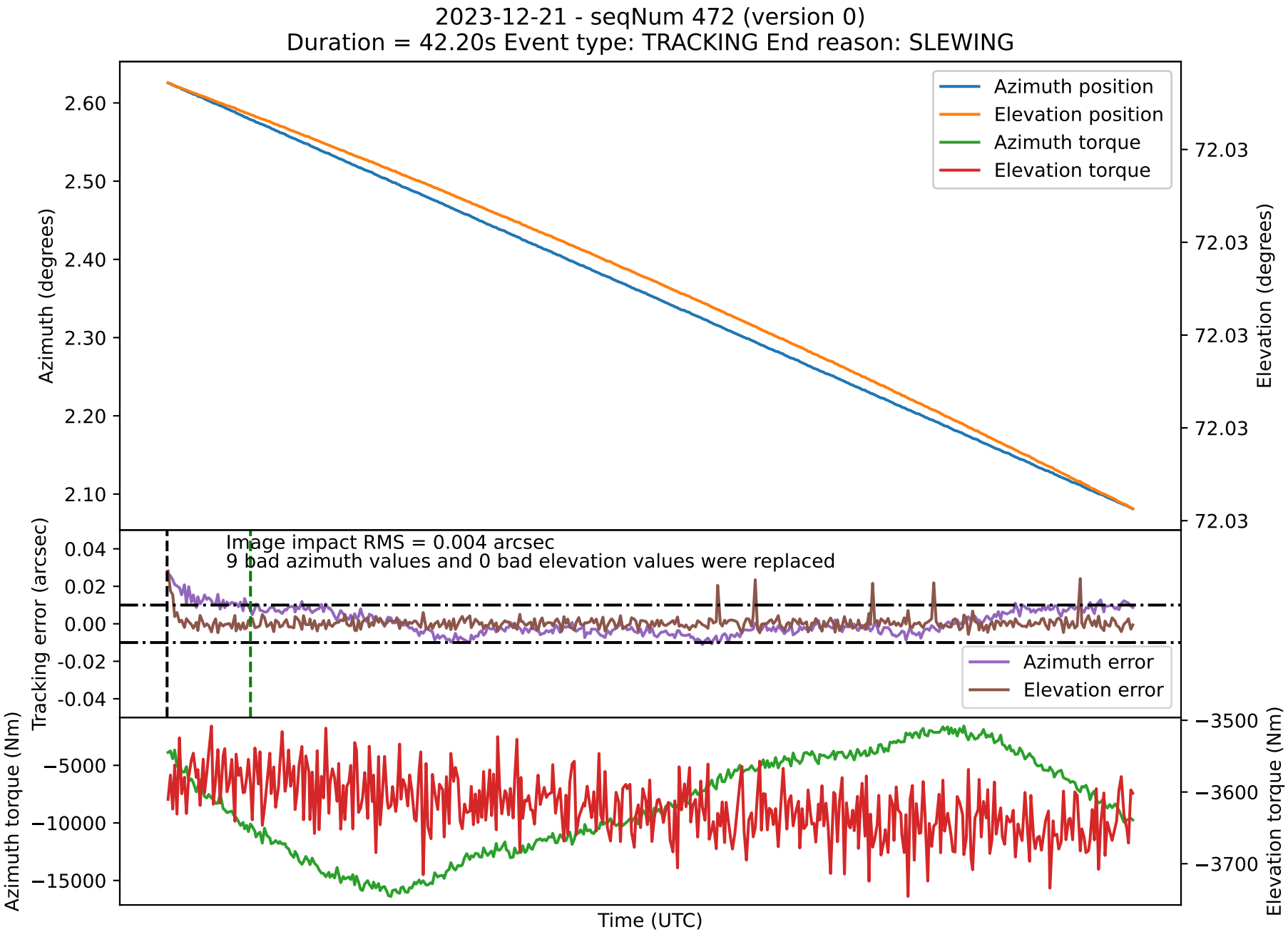

2023-12-21 - seqNum 462 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
14.70
14.60
14.50
14.40
14.30
14.20
14.10
14.00
76.58
76.58
76.57
76.56
76.56
76.55
Image impact RMS = 0.034 arcsec
12 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
−8000
−700
−800
−900
Time (UTC)

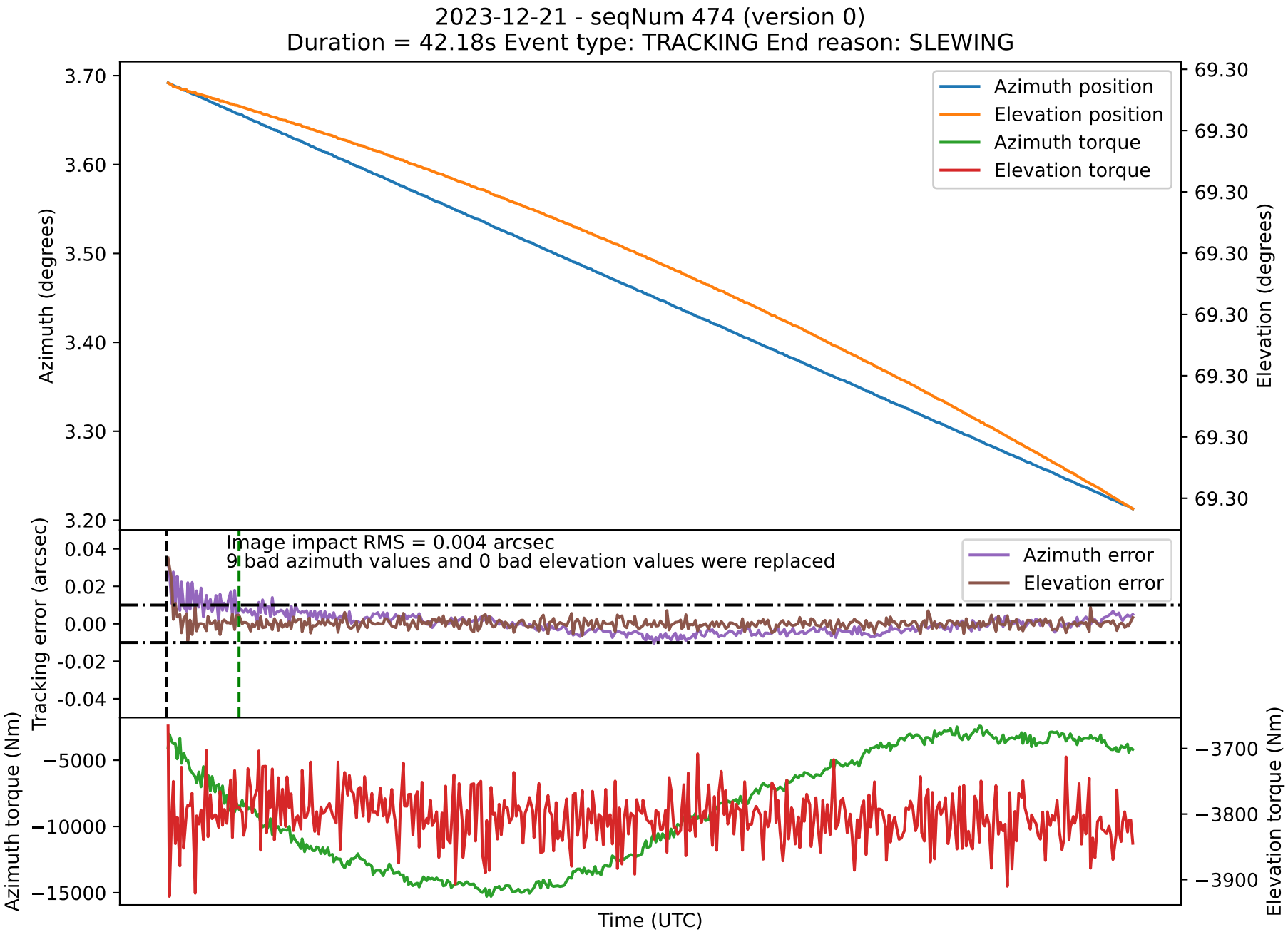

2023-12-21 - seqNum 464 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
13.60
13.40
13.20
13.00
79.41
79.41
79.40
79.40
79.39
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−4000
−6000
−8000
−10000
−400
−500
−600
Time (UTC)

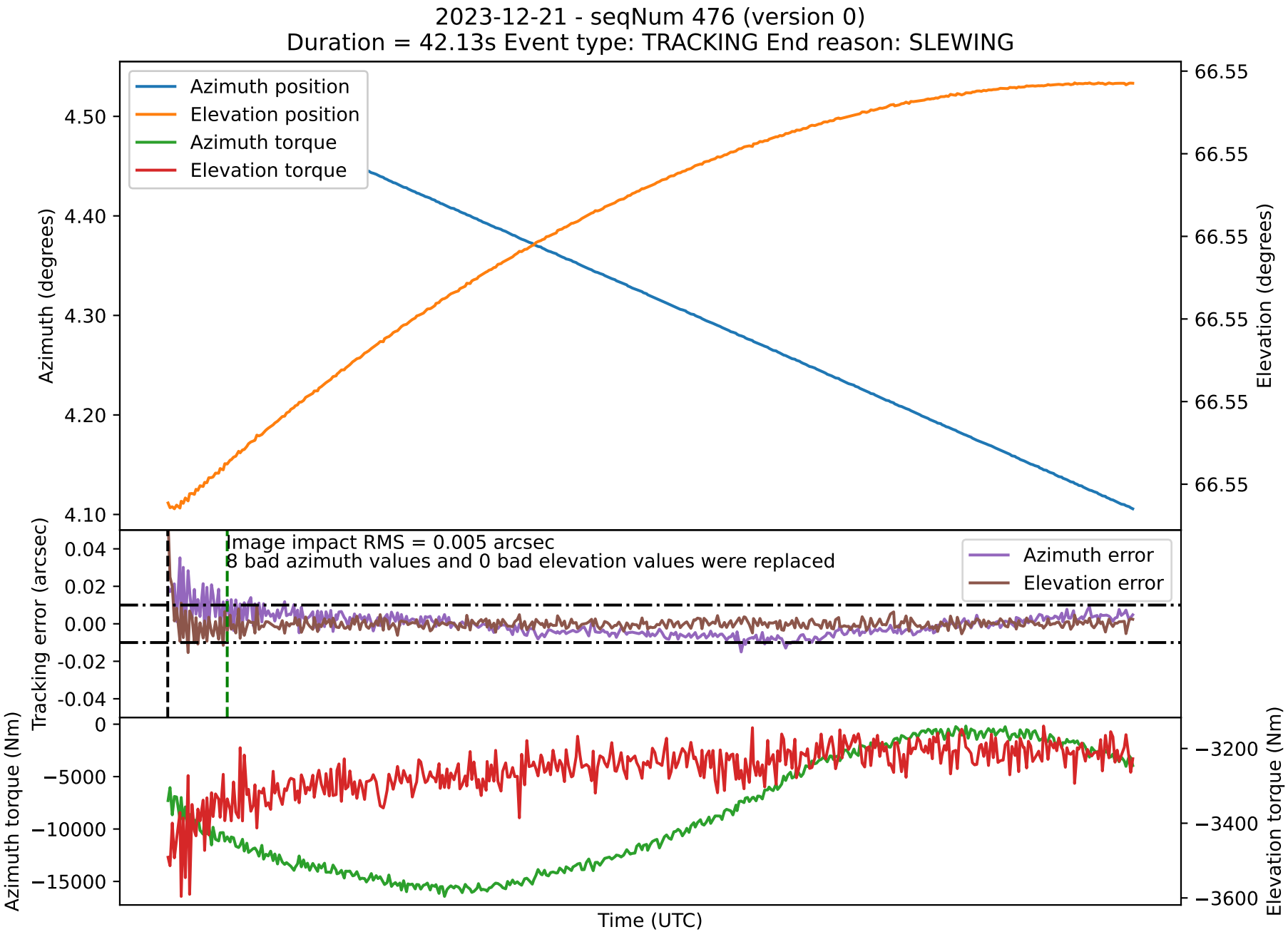

2023-12-21 - seqNum 466 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
11.80
11.60
11.40
11.20
11.00
10.80
82.27
82.27
82.26
82.26
82.26
82.25
82.25
82.25
Image impact RMS = 0.007 arcsec
17 bad azimuth values and 3 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−400
−600
Time (UTC)

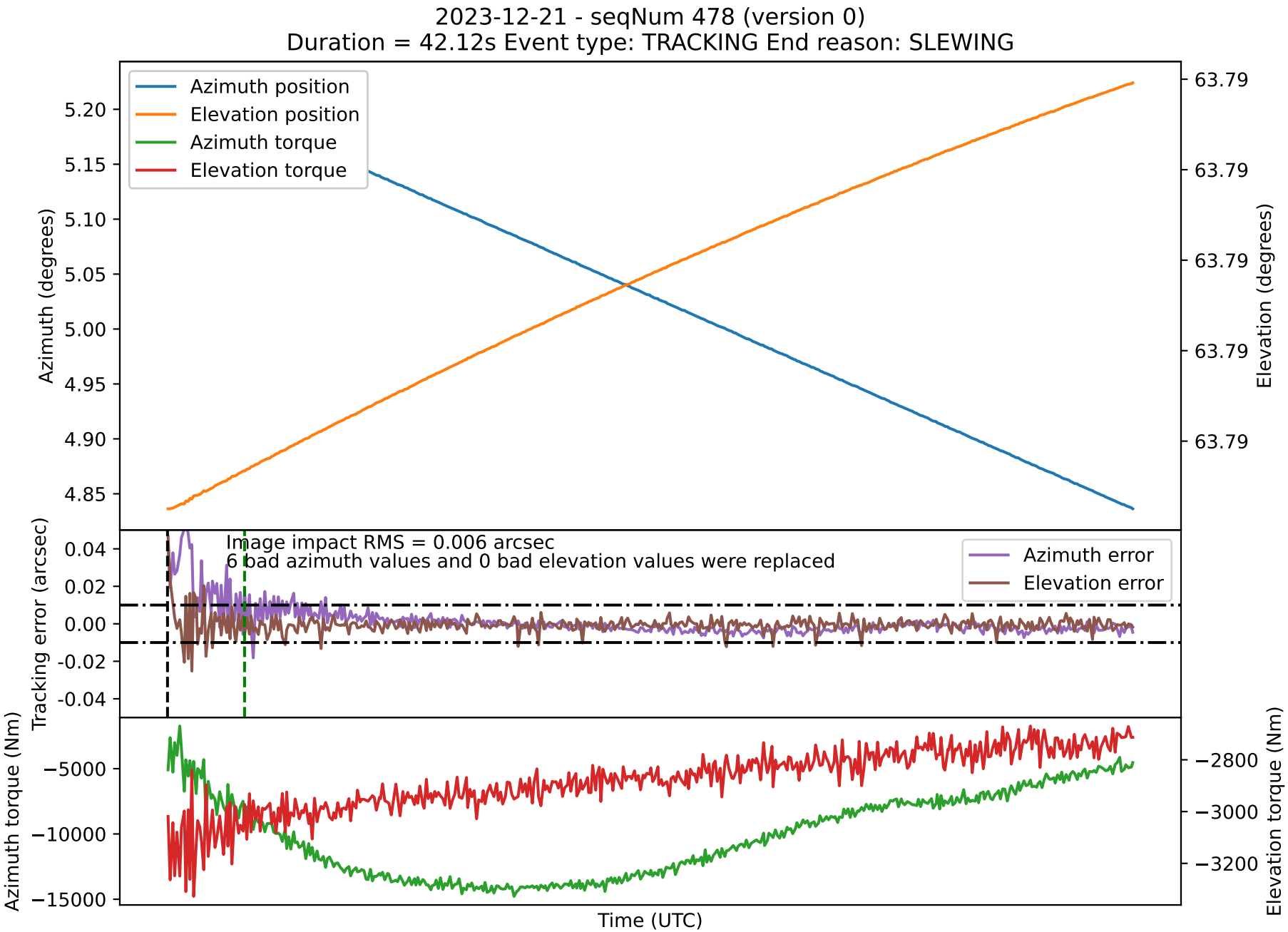

2023-12-21 - seqNum 468 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-0.80
-0.90
-1.00
-1.10
-1.20
-1.30
-1.40
-1.50
77.43
77.43
77.43
77.43
77.43
77.42
77.42
Image impact RMS = 0.007 arcsec
12 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3600
−3800
−4000
Time (UTC)

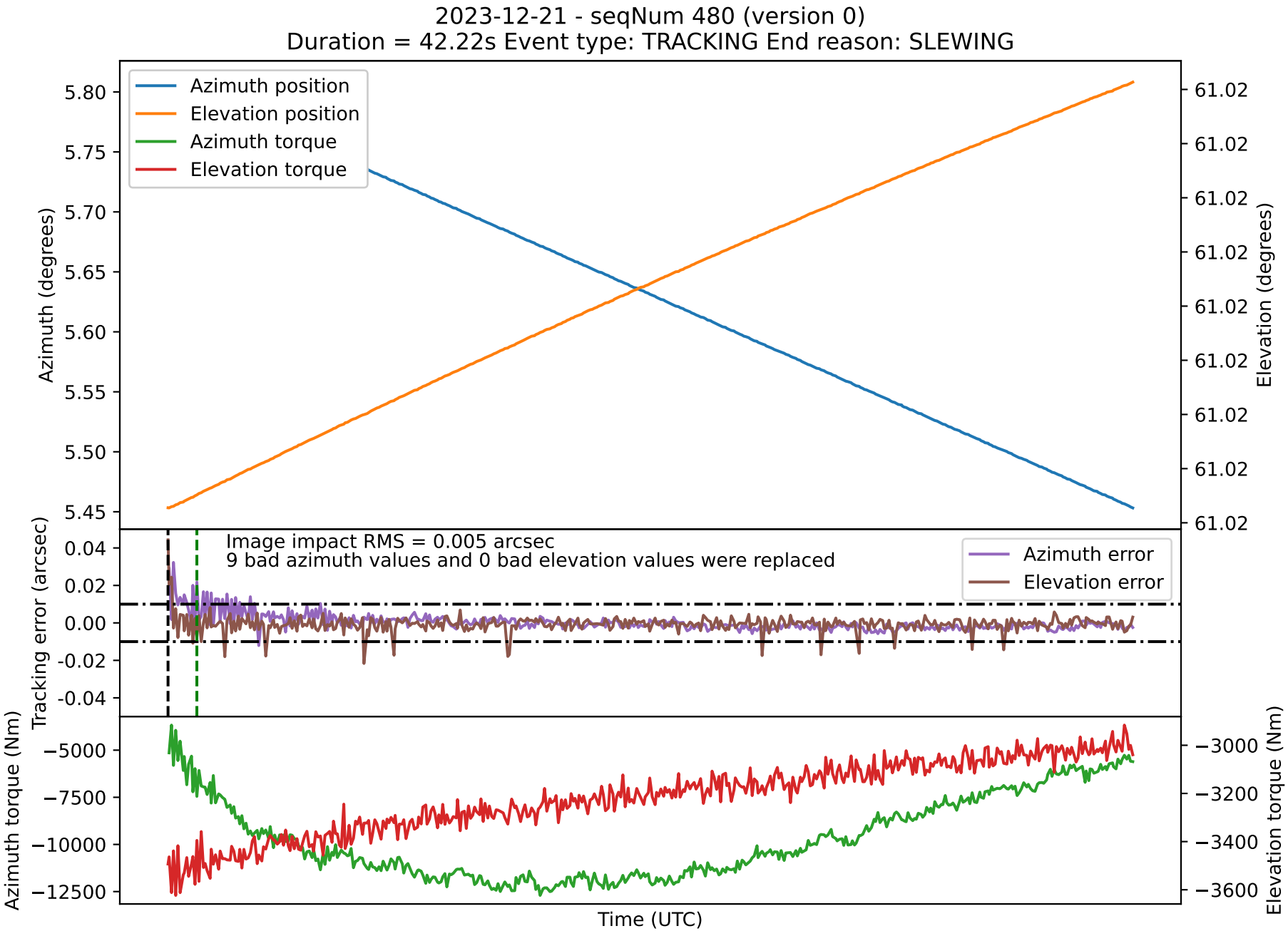

2023-12-21 - seqNum 470 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
1.20
1.10
1.00
0.90
0.80
0.70
0.60
74.74
Image impact RMS = 0.006 arcsec
11 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3400
−3500
−3600
Time (UTC)

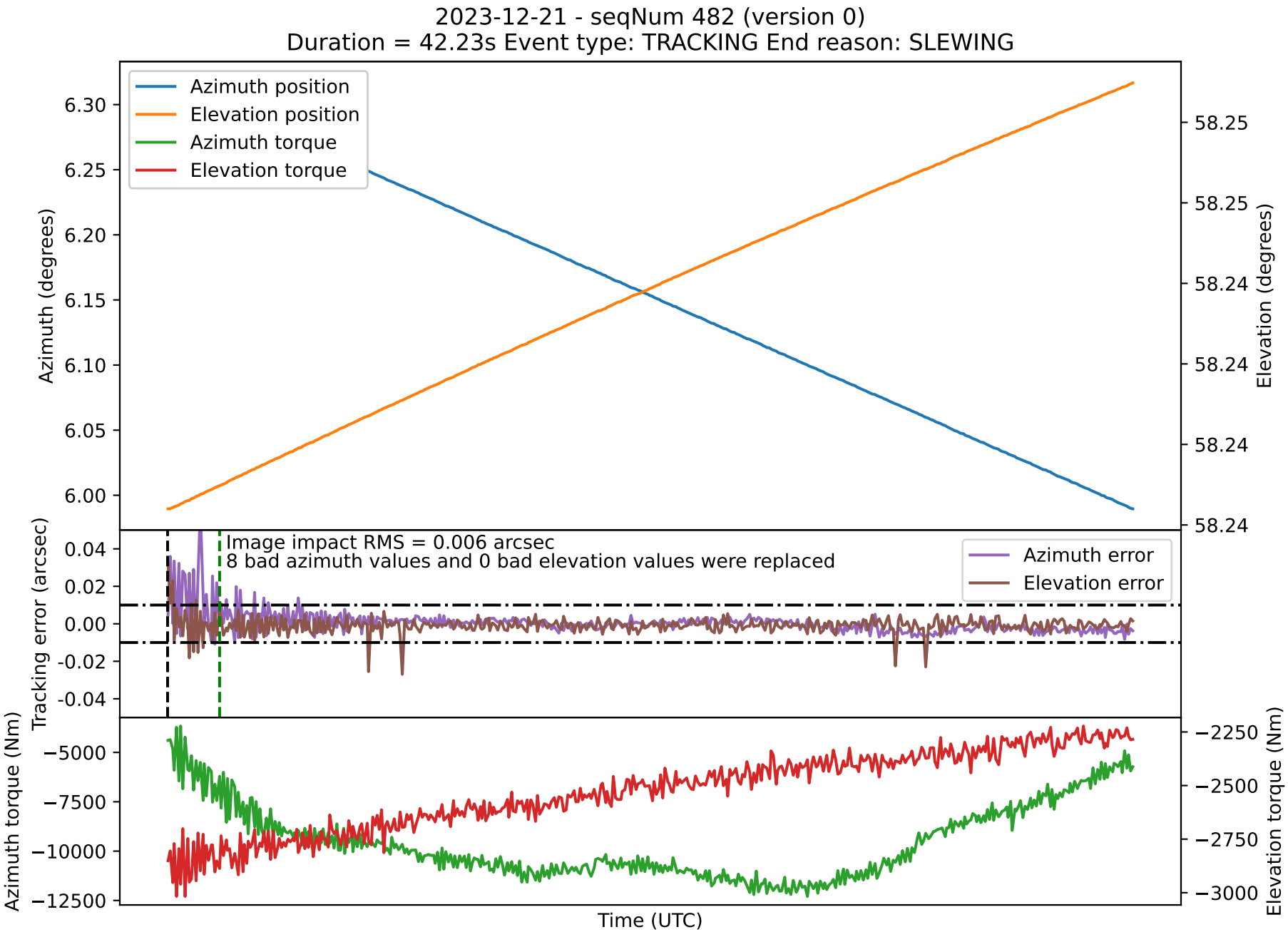

2023-12-21 - seqNum 472 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
2.60
2.50
2.40
2.30
2.20
2.10
72.03
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3500
−3600
−3700
Time (UTC)

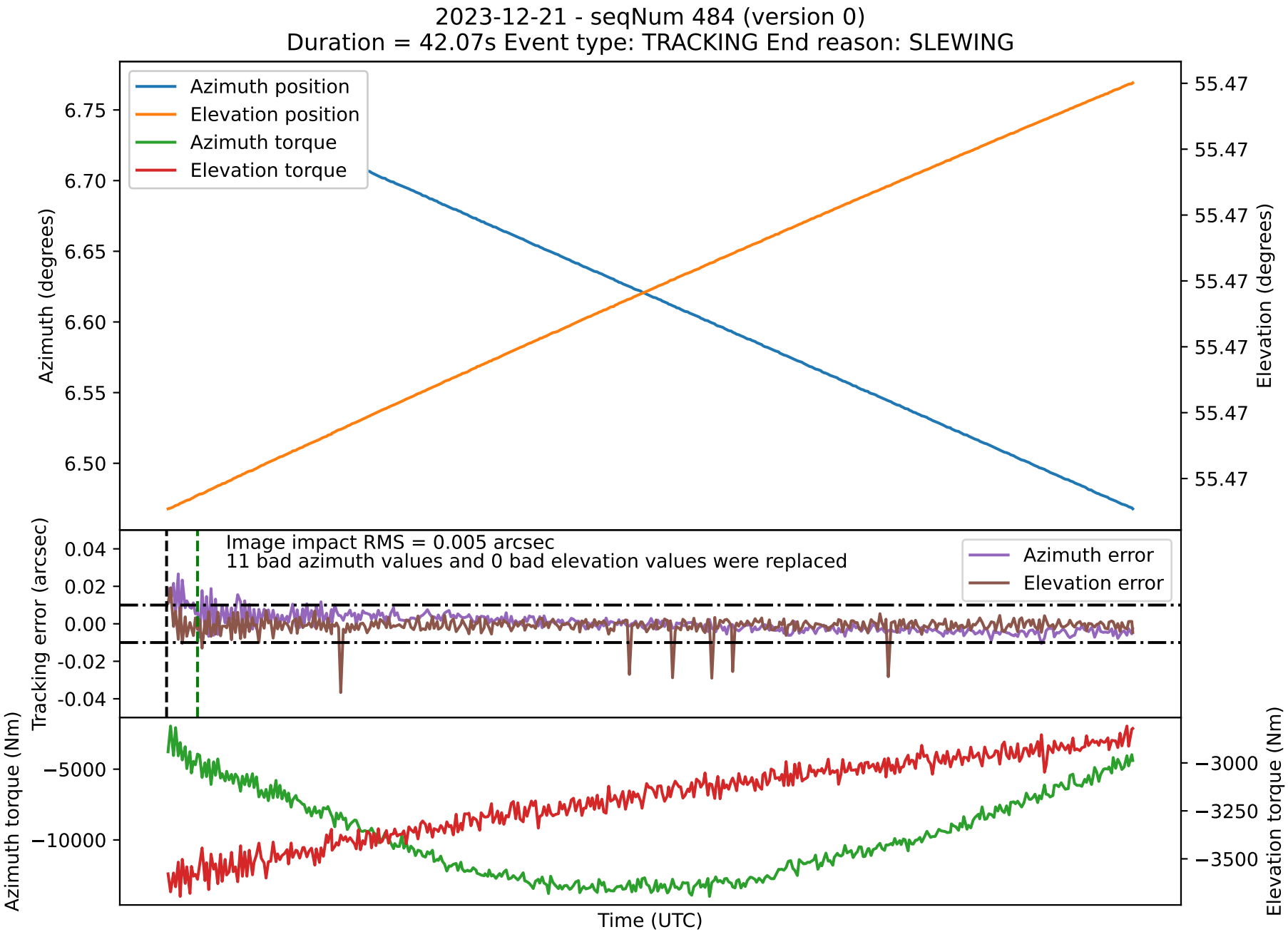

2023-12-21 - seqNum 474 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
3.70
3.60
3.50
3.40
3.30
3.20
69.30
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3700
−3800
−3900
Time (UTC)

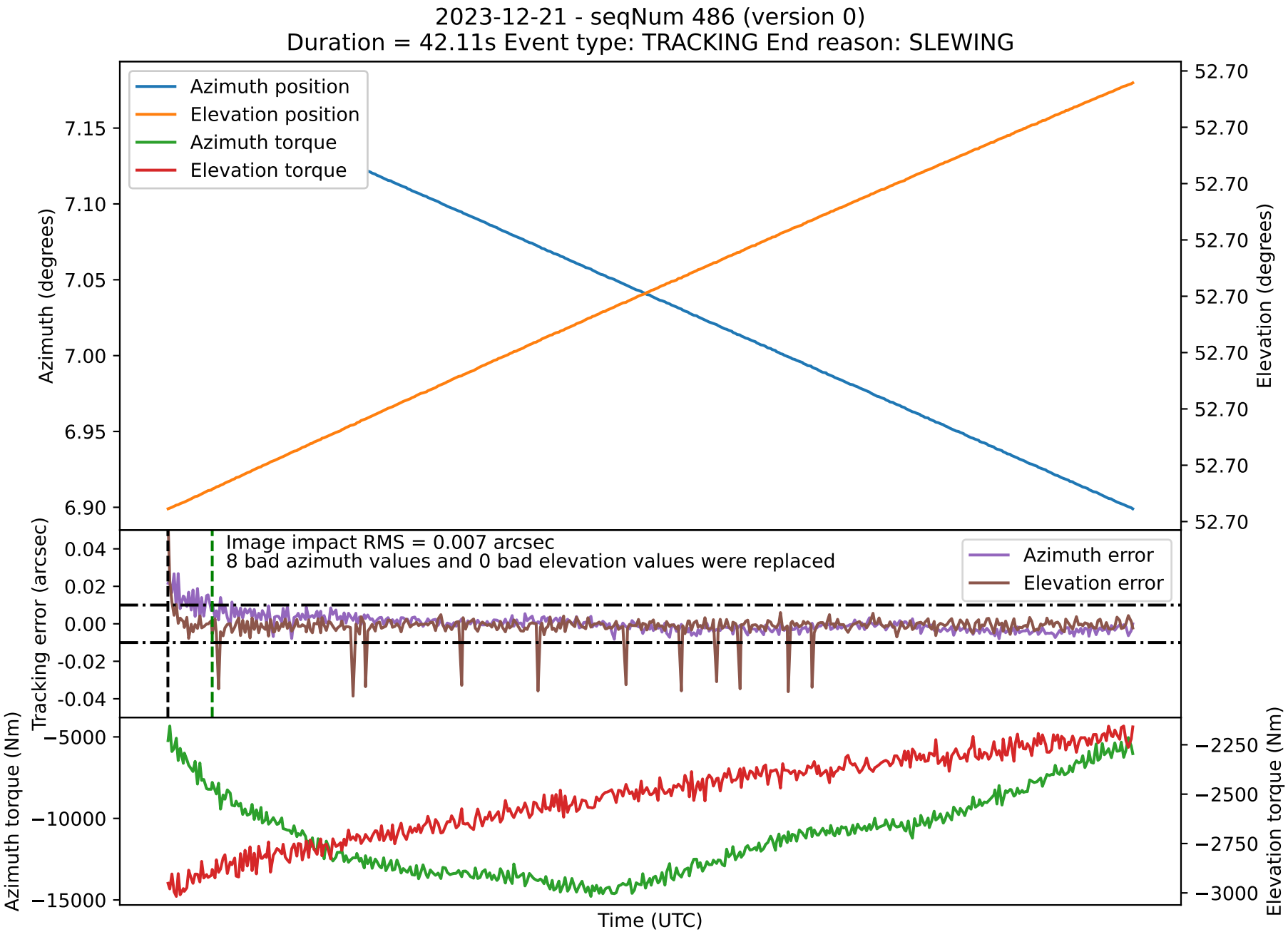

2023-12-21 - seqNum 476 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
4.50
4.40
4.30
4.20
4.10
66.55
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3200
−3400
−3600
Time (UTC)

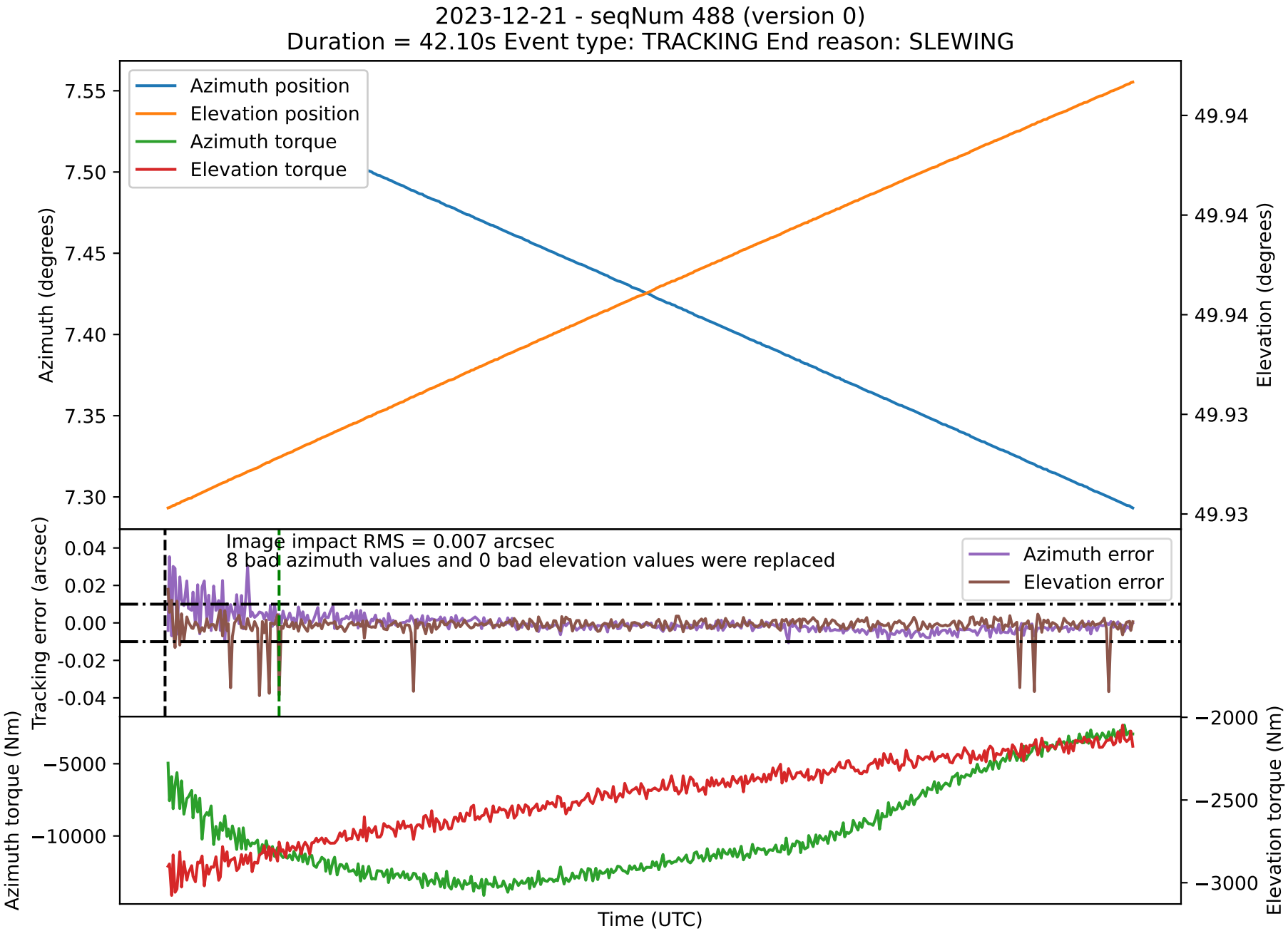

2023-12-21 - seqNum 478 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

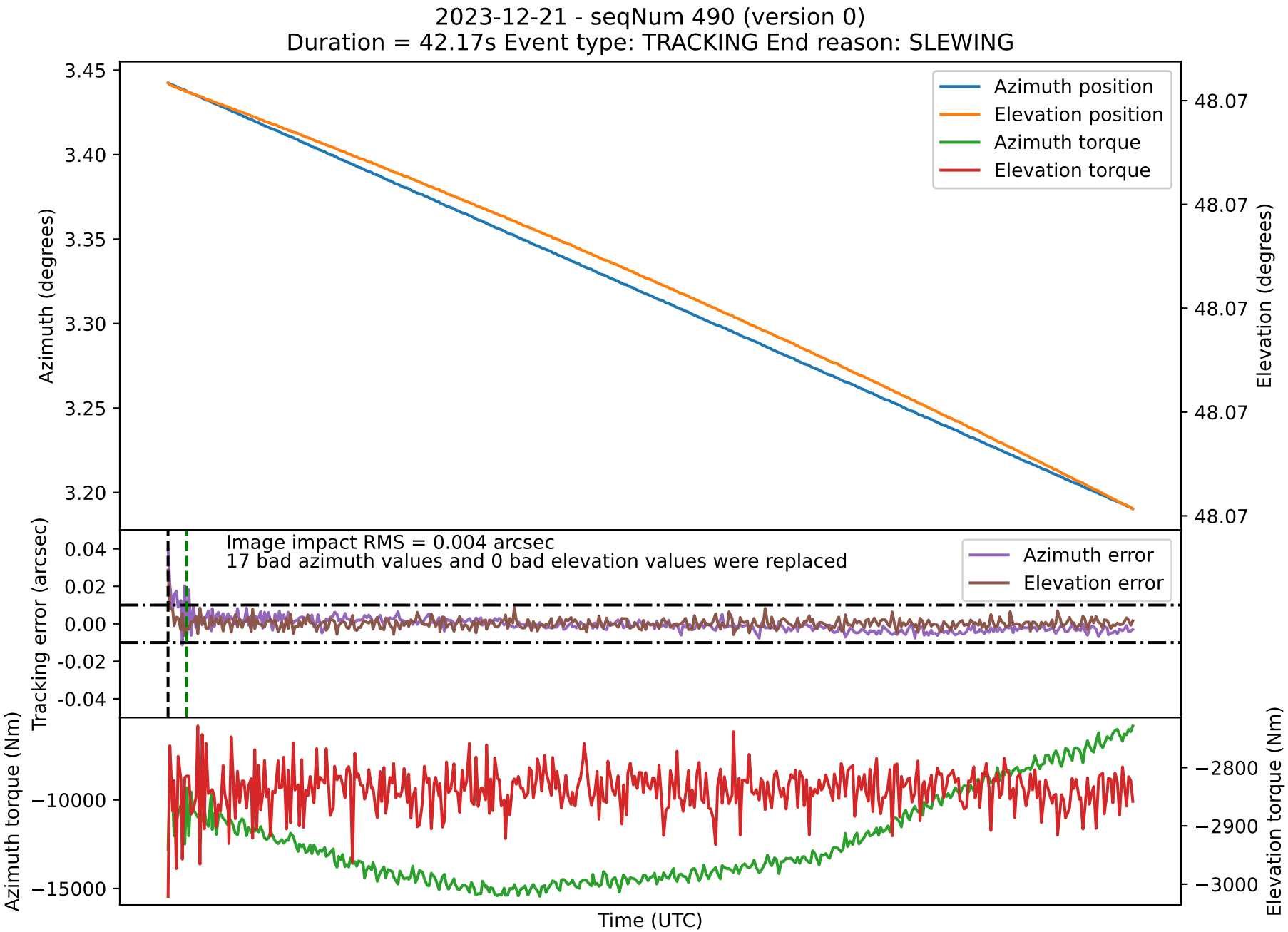

2023-12-21 - seqNum 480 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

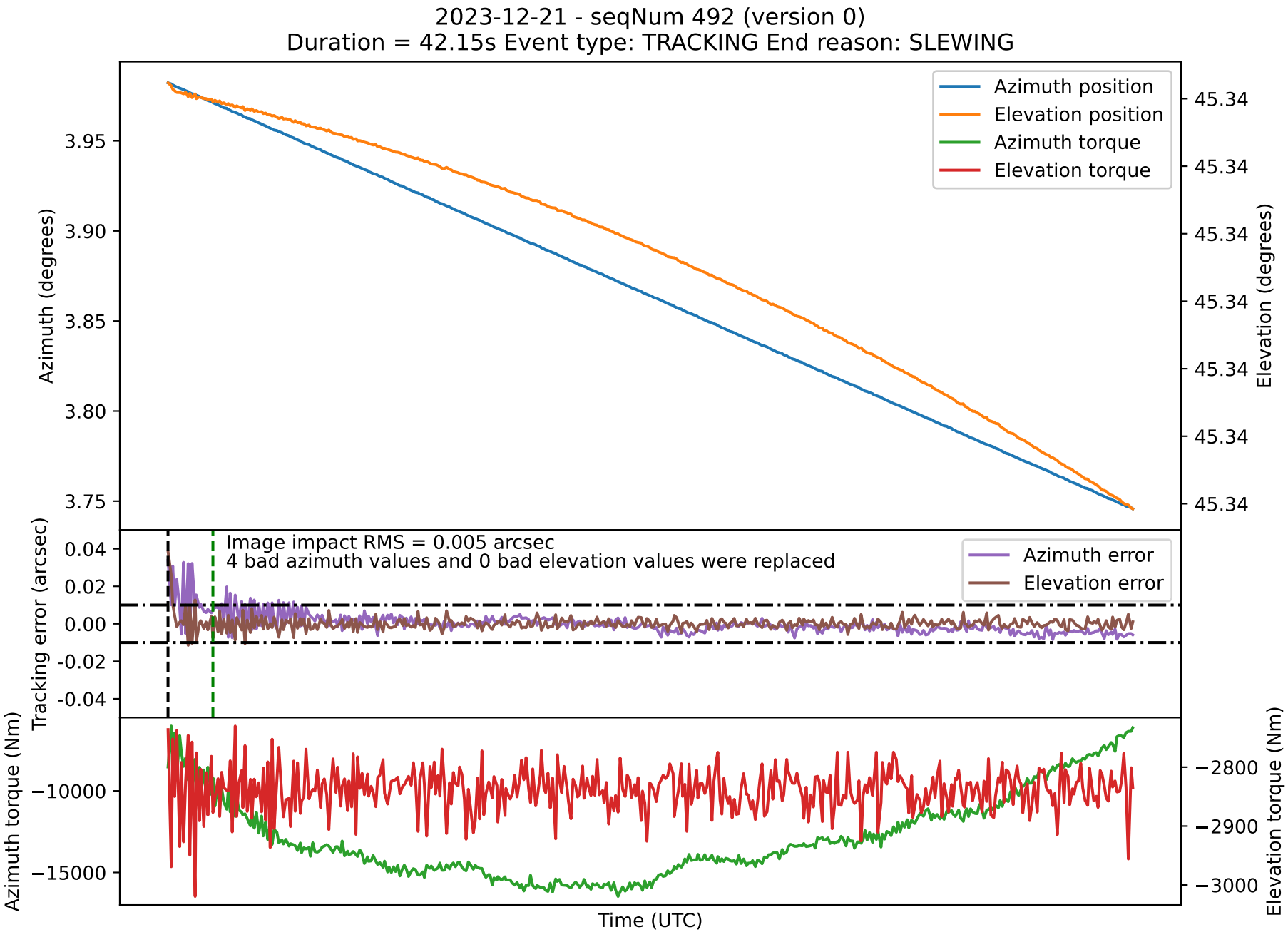

2023-12-21 - seqNum 482 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

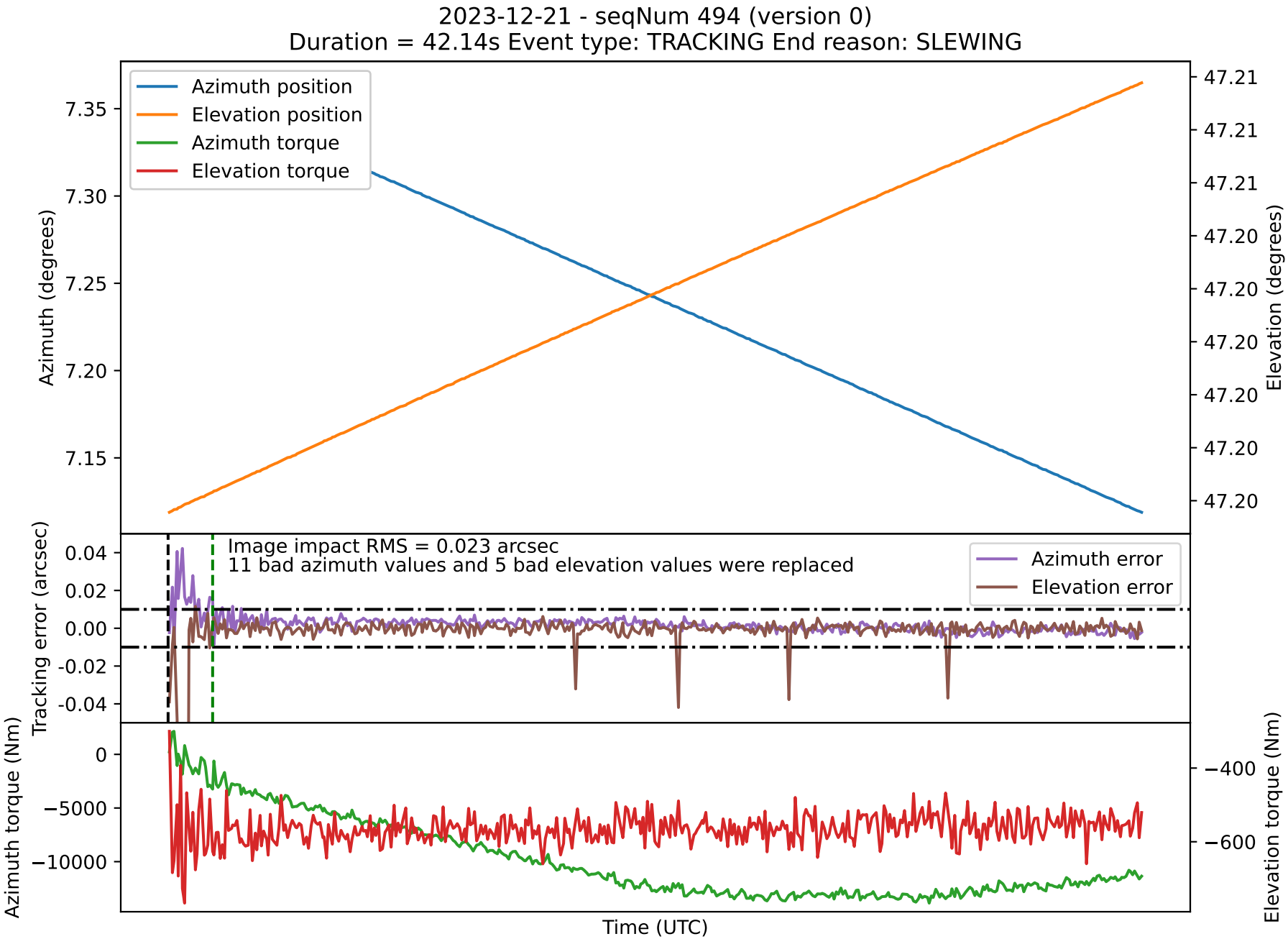

2023-12-21 - seqNum 484 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

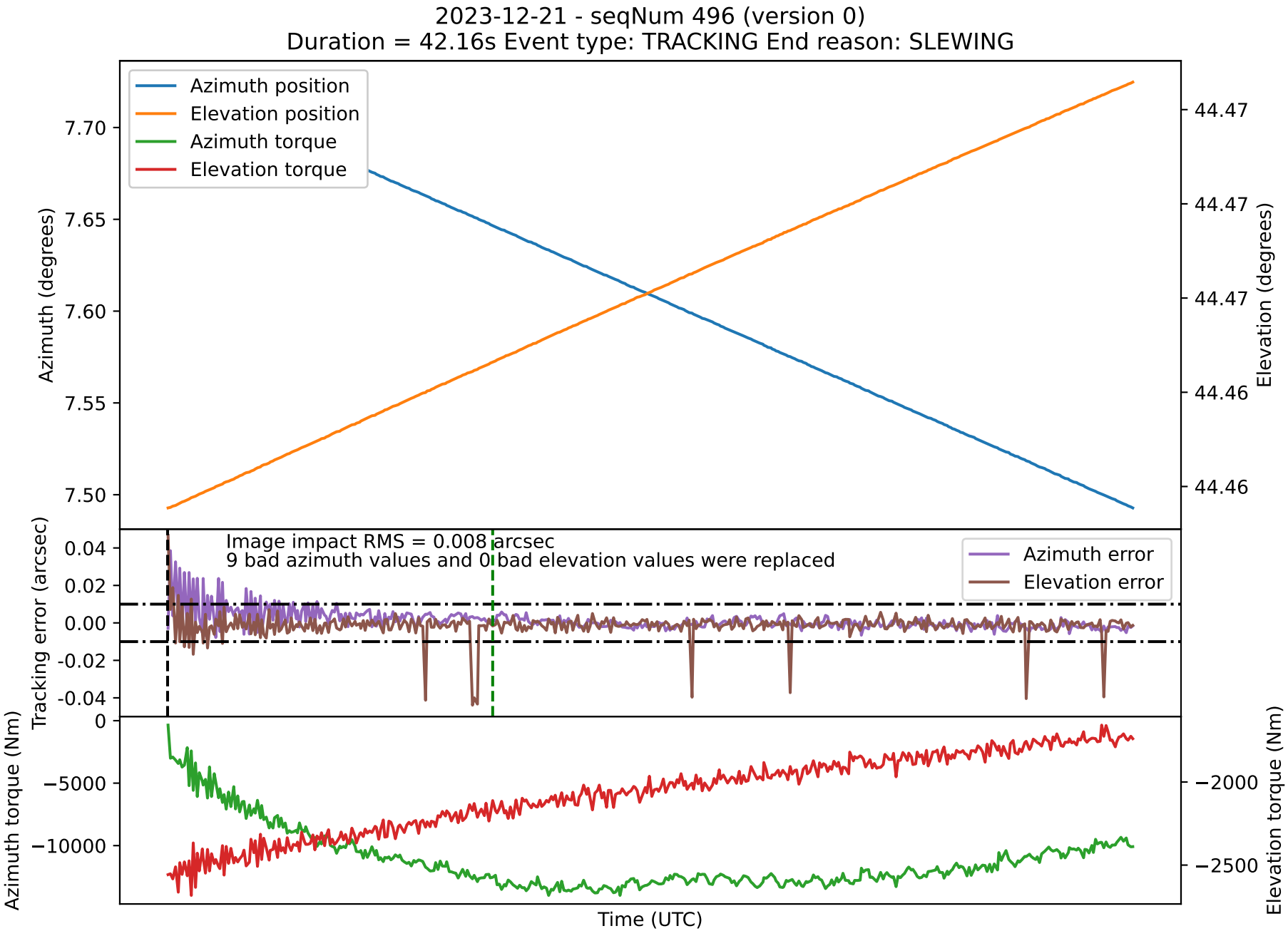

2023-12-21 - seqNum 486 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.007 arcsec
8 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

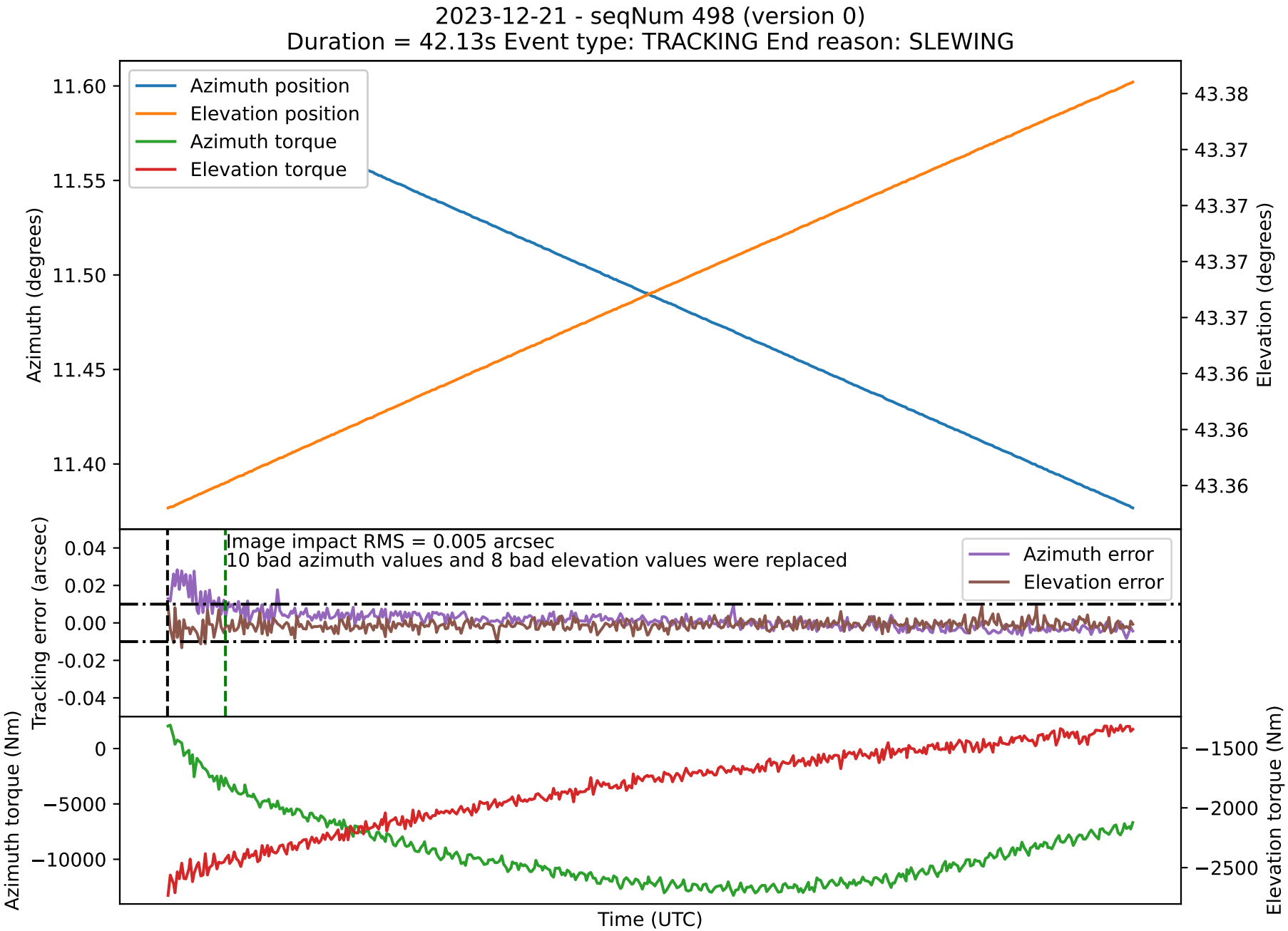

2023-12-21 - seqNum 488 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
7.55
7.50
7.45
7.40
7.35
7.30
49.94
49.94
49.94
49.93
49.93
Image impact RMS = 0.007 arcsec
8 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−2000
−2500
−3000
Time (UTC)

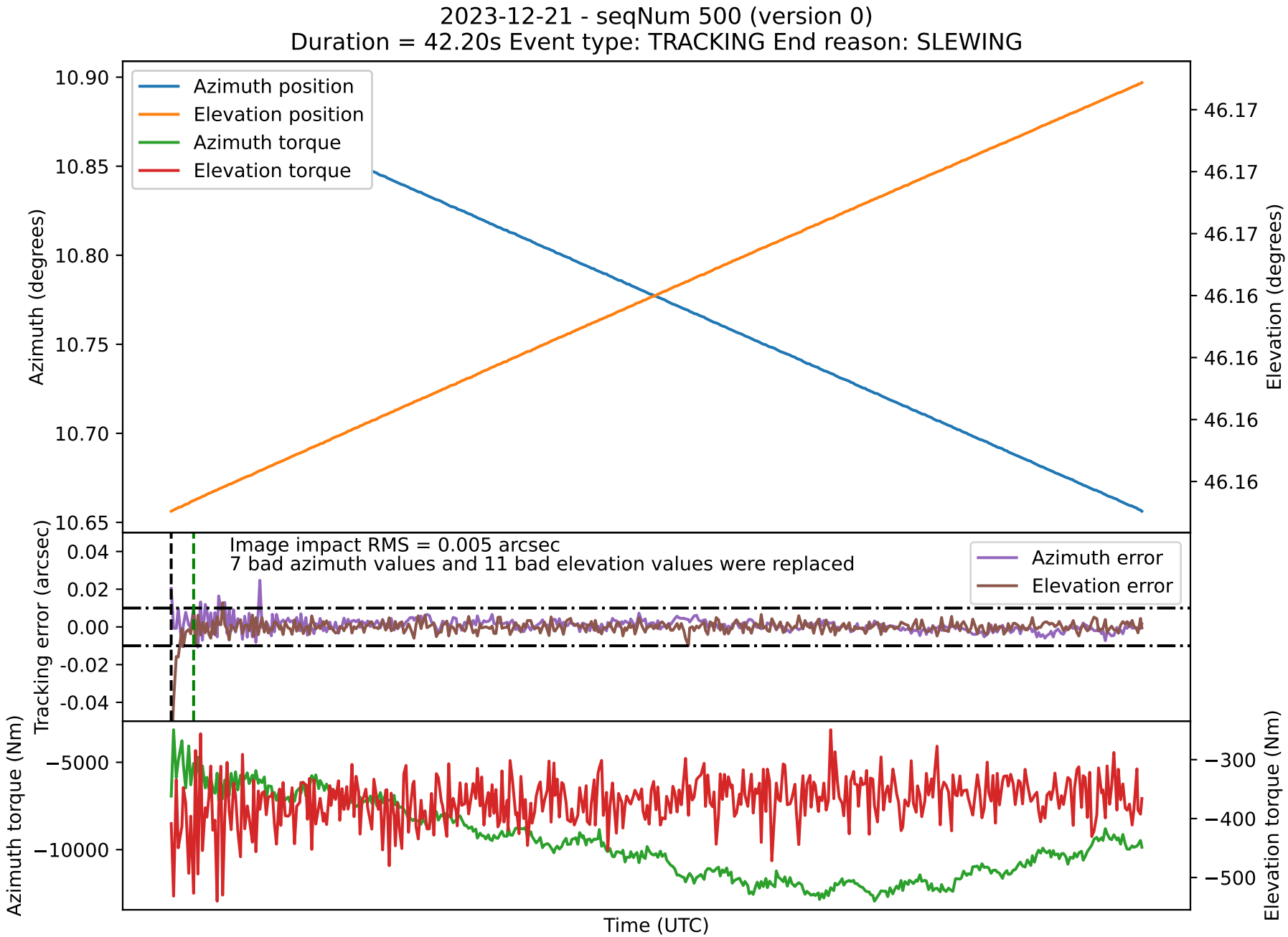

2023-12-21 - seqNum 490 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
3.45
3.40
3.35
3.30
3.25
3.20
48.07
Image impact RMS = 0.004 arcsec
17 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
−2800
−2900
−3000
Time (UTC)

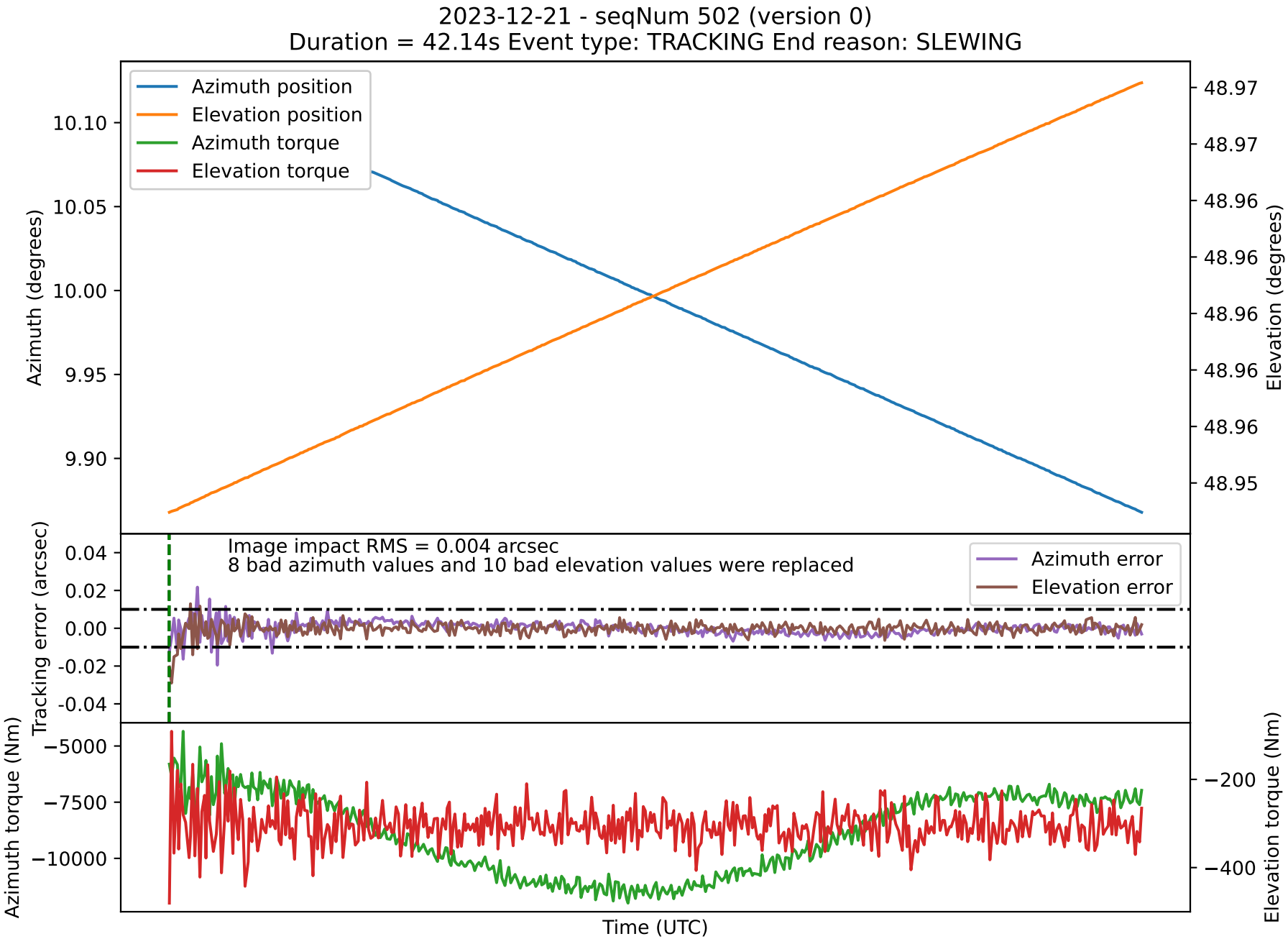

2023-12-21 - seqNum 492 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
3.95
3.90
3.85
3.80
3.75
45.34
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
−2800
−2900
−3000
Time (UTC)

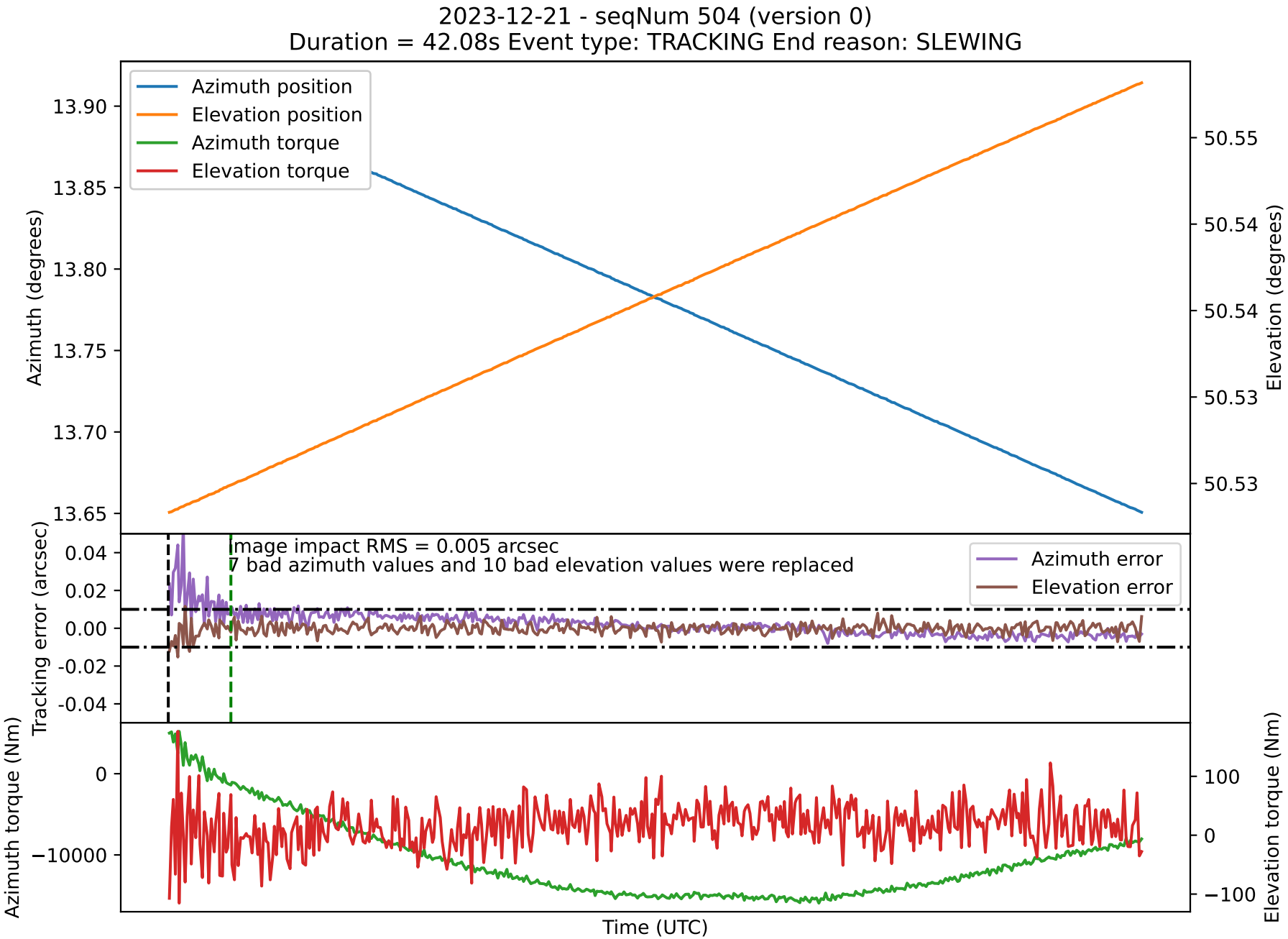

2023-12-21 - seqNum 494 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
7.35
7.30
7.25
7.20
7.15
47.21
47.21
47.21
47.20
47.20
47.20
47.20
47.20
47.20
Image impact RMS = 0.023 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−400
−600
Time (UTC)

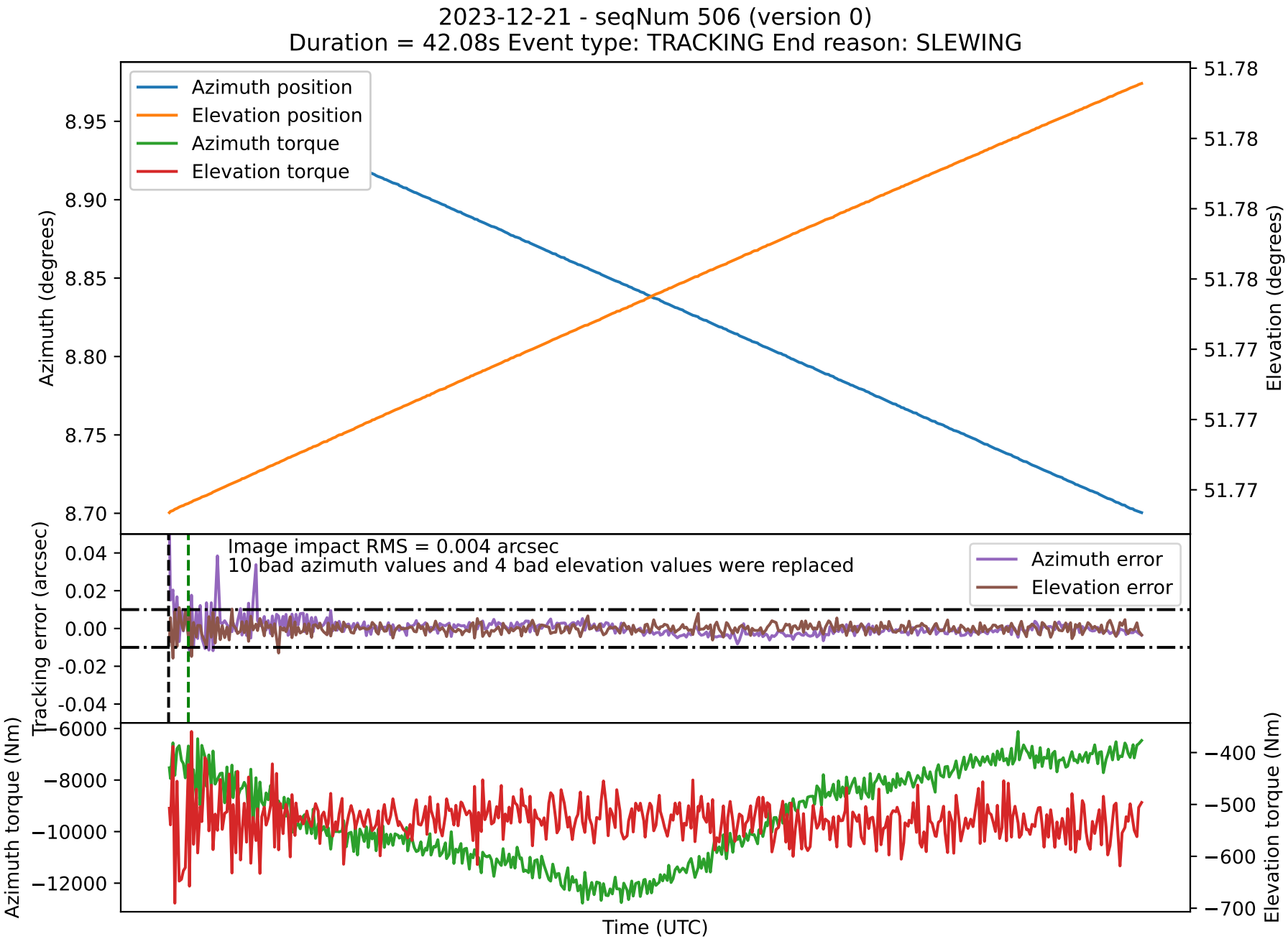

2023-12-21 - seqNum 496 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
7.70
7.65
7.60
7.55
7.50
44.47
44.47
44.47
44.46
44.46
Image impact RMS = 0.008 arcsec
9 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−2000
−2500
Time (UTC)

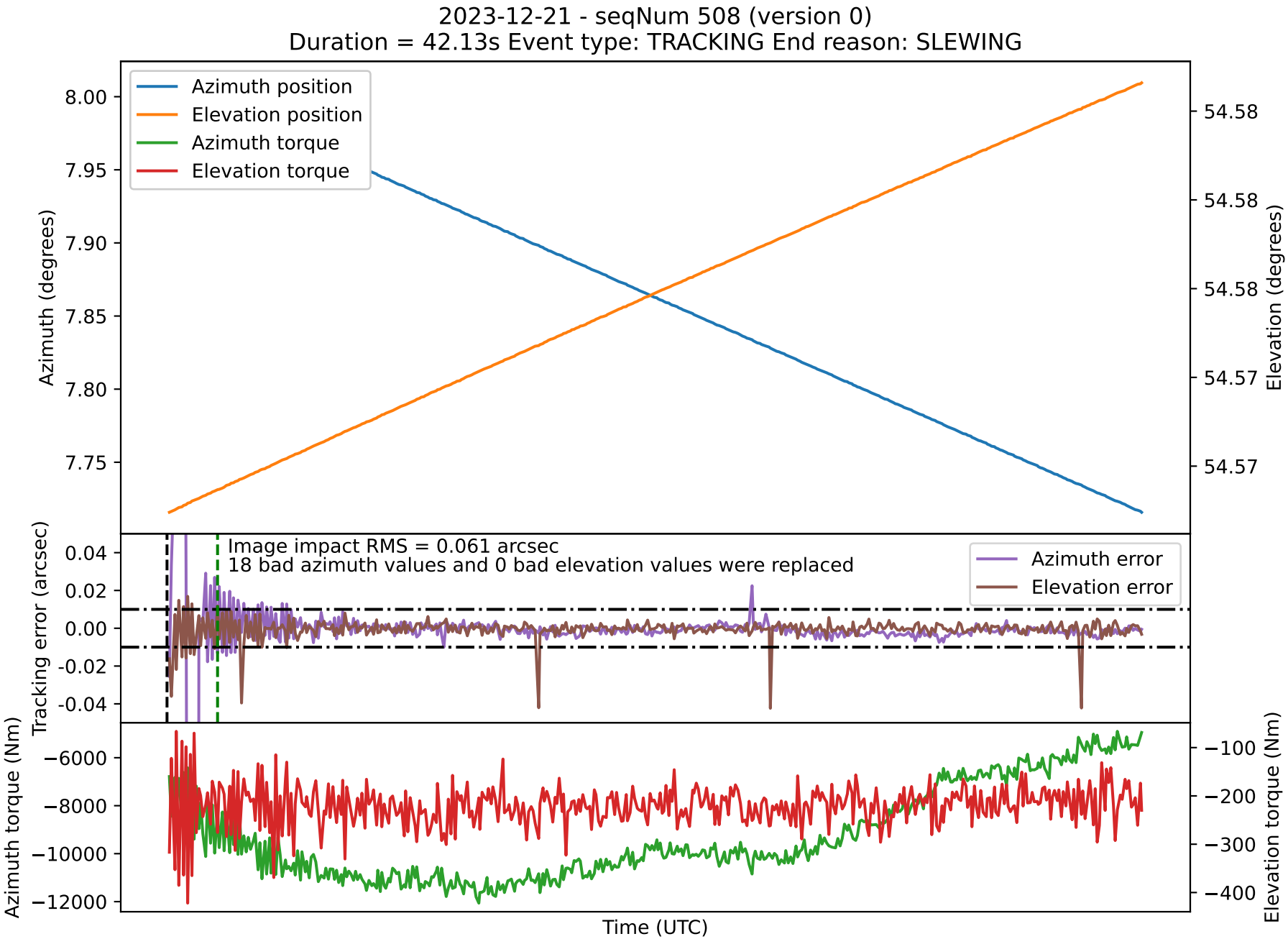

2023-12-21 - seqNum 498 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
11.60
11.55
11.50
11.45
11.40
43.38
43.37
43.37
43.37
43.37
43.36
43.36
43.36
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1500
−2000
−2500
Time (UTC)

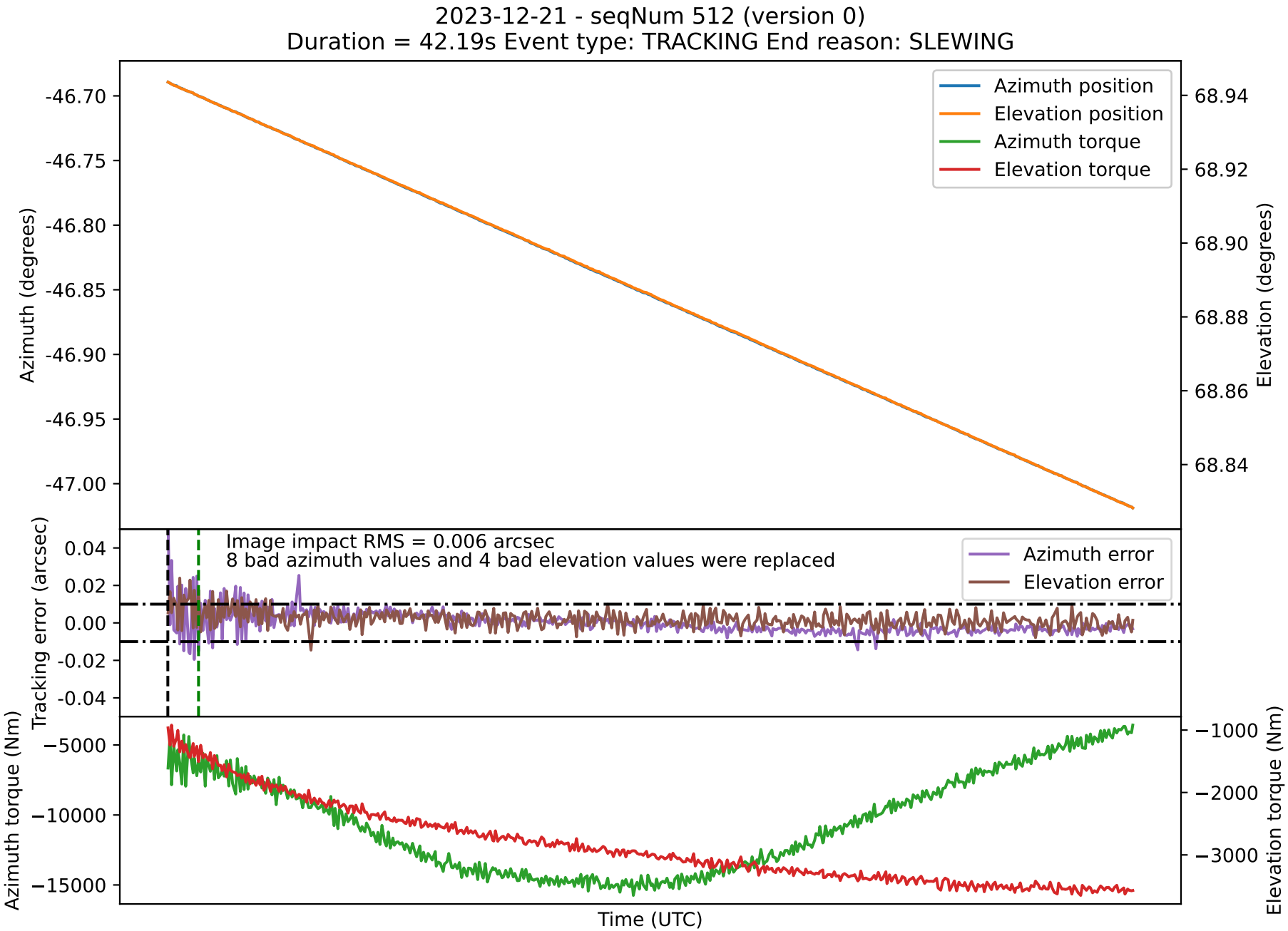

2023-12-21 - seqNum 500 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
10.90
10.85
10.80
10.75
10.70
10.65
46.17
46.17
46.17
46.16
46.16
46.16
46.16
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
−5000
−10000
Elevation torque (Nm)
−300
−400
−500
Time (UTC)

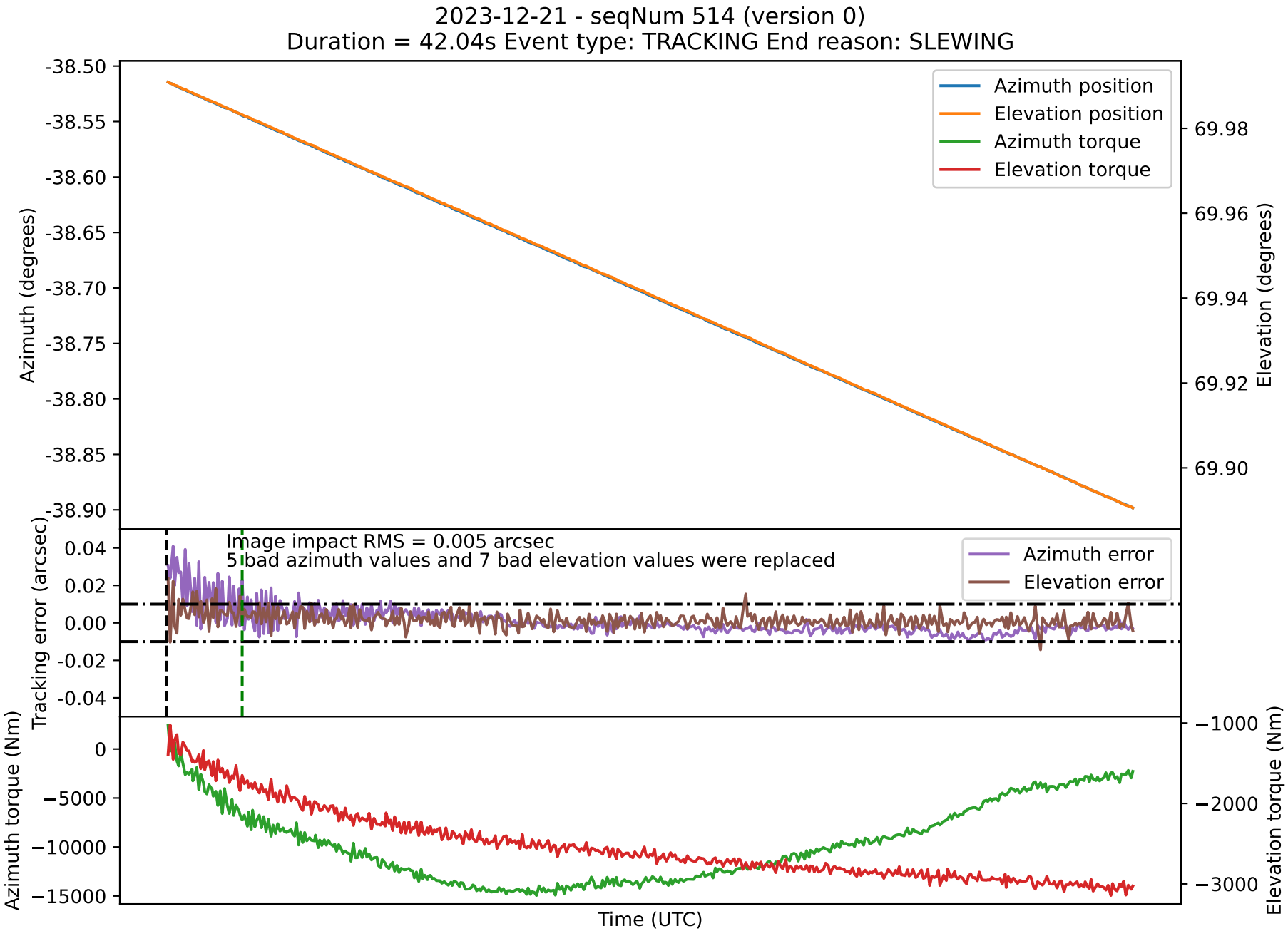

2023-12-21 - seqNum 502 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
10.10
10.05
10.00
9.95
9.90
48.97
48.97
48.96
48.96
48.96
48.96
48.96
48.95
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−200
−400
Time (UTC)

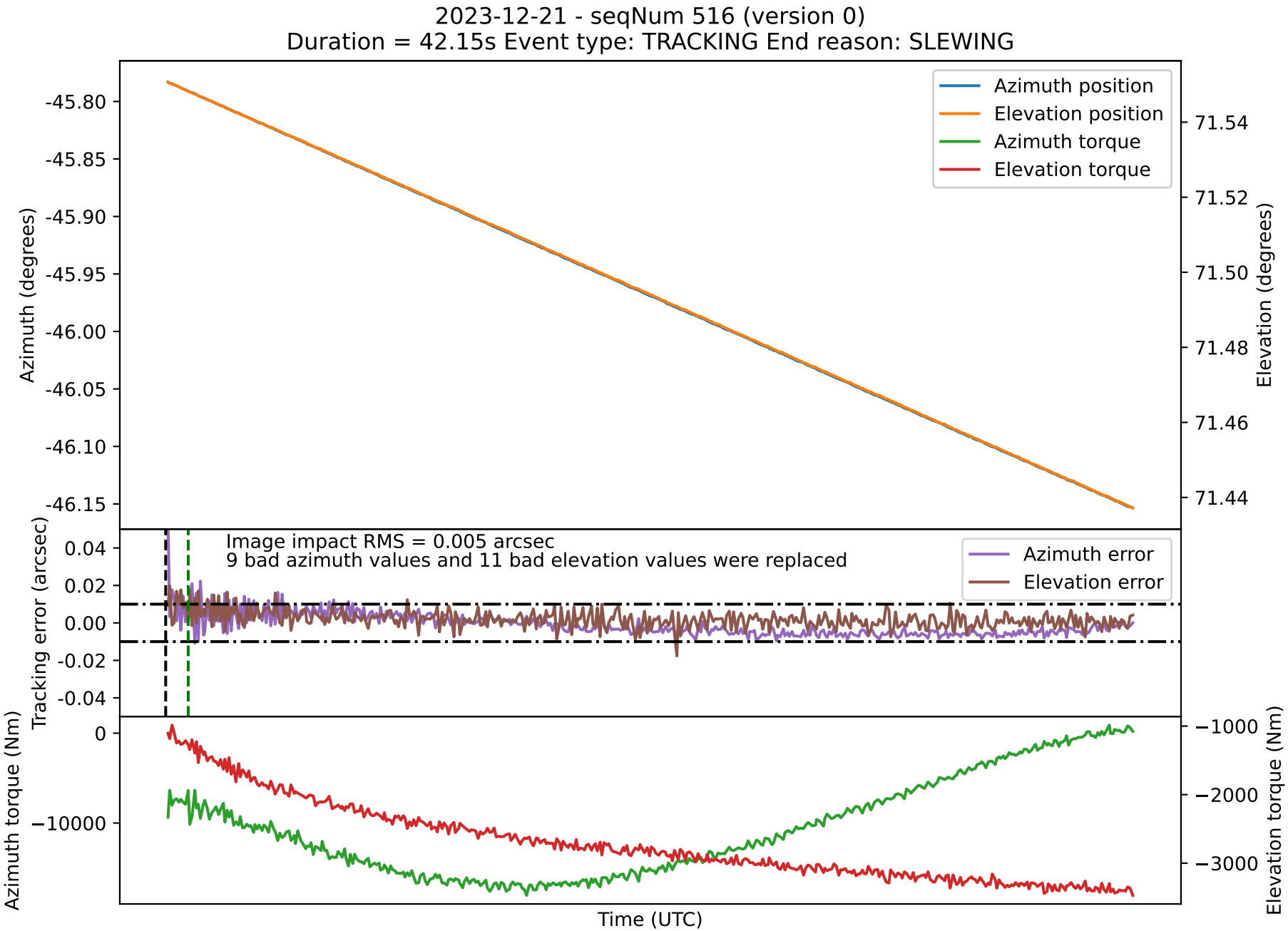

2023-12-21 - seqNum 504 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
13.90
13.85
13.80
13.75
13.70
13.65
50.55
50.54
50.54
50.53
50.53
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
100
0
−100
Time (UTC)

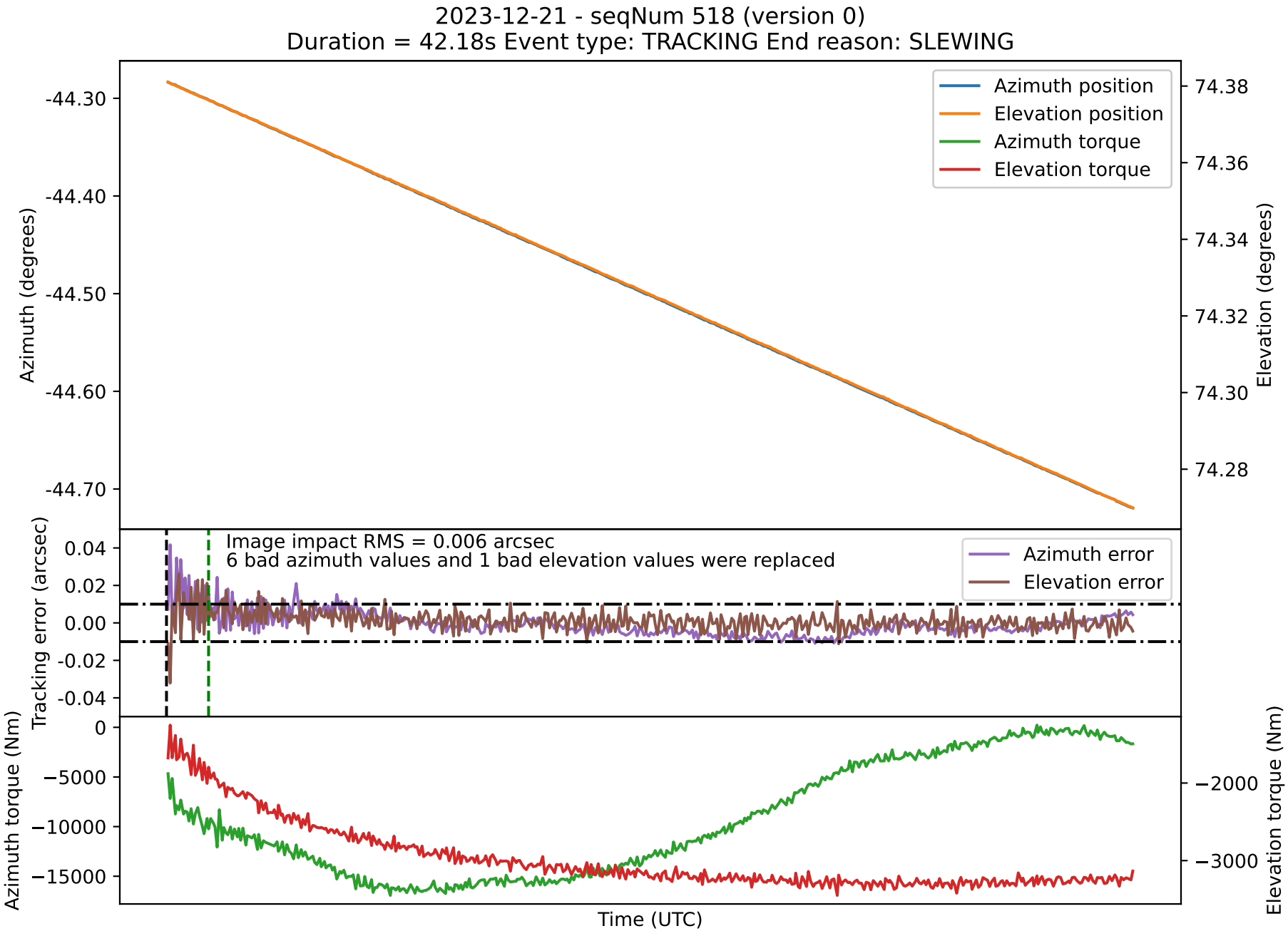

2023-12-21 - seqNum 506 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

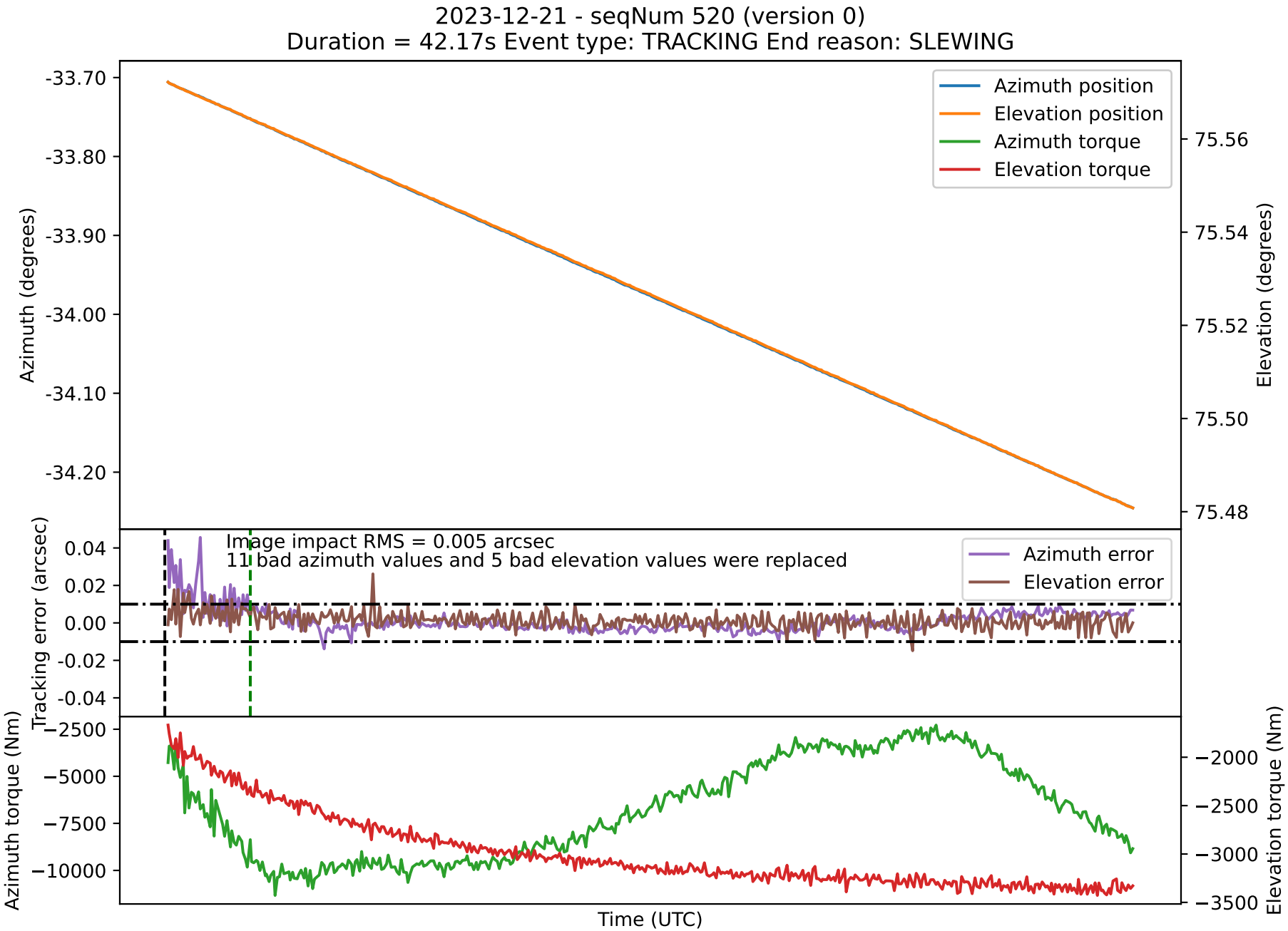

2023-12-21 - seqNum 508 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.061 arcsec
18 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

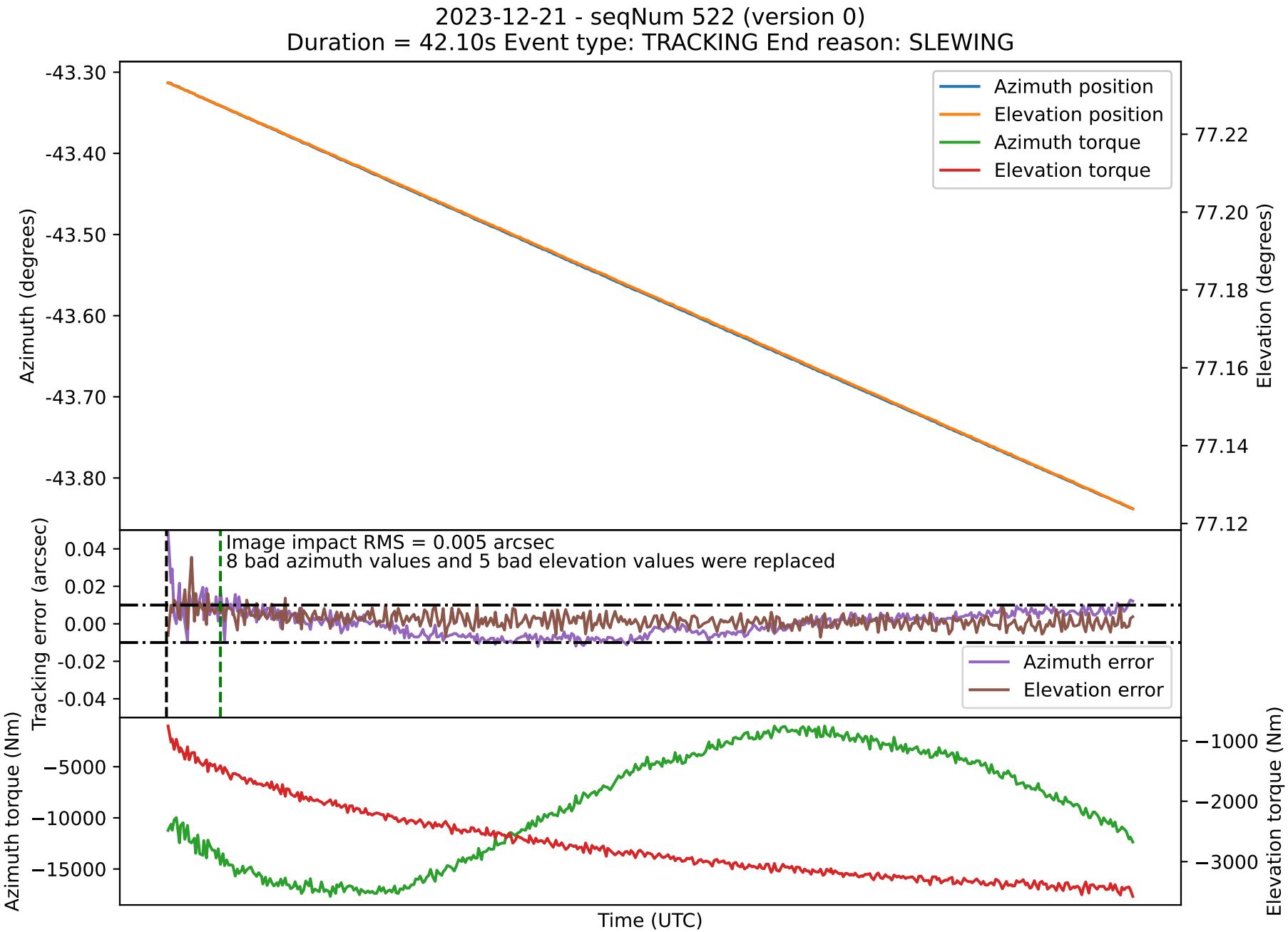

2023-12-21 - seqNum 512 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-46.70
-46.75
-46.80
-46.85
-46.90
-46.95
-47.00
68.94
68.92
68.90
68.88
68.86
68.84
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

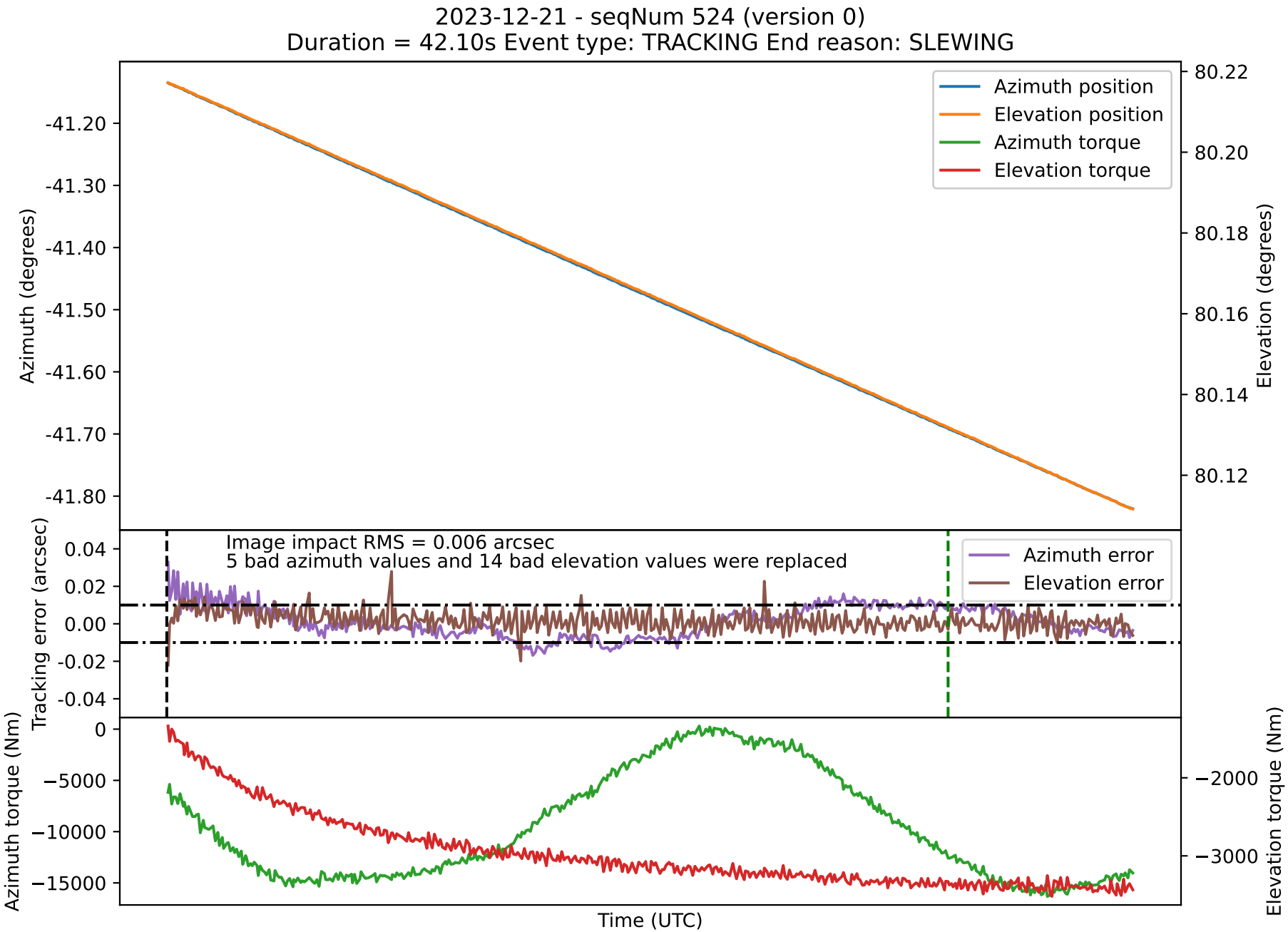

2023-12-21 - seqNum 514 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-38.50
-38.55
-38.60
-38.65
-38.70
-38.75
-38.80
-38.85
-38.90
69.98
69.96
69.94
69.92
69.90
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

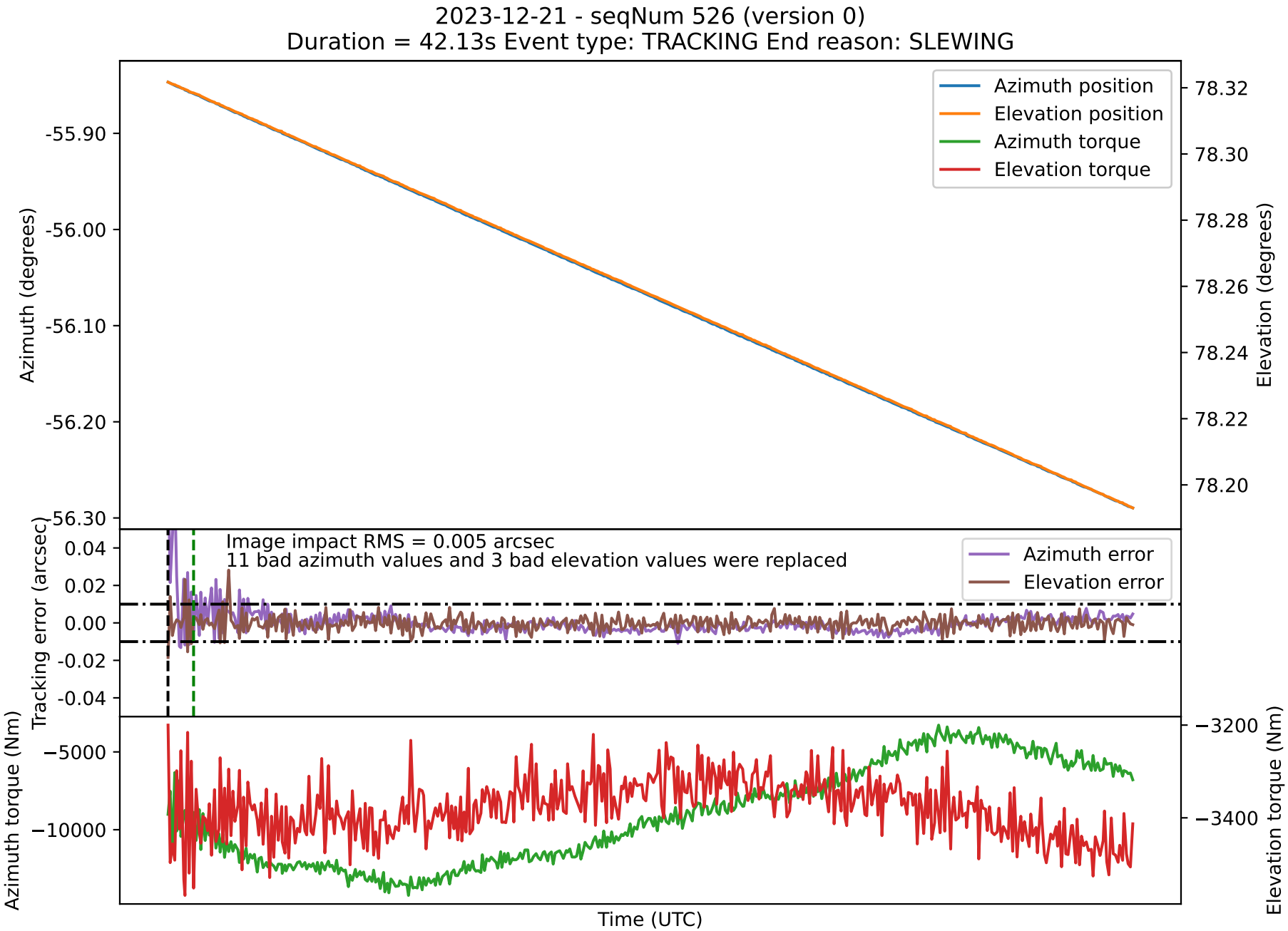

2023-12-21 - seqNum 516 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-45.80
-45.85
-45.90
-45.95
-46.00
-46.05
-46.10
-46.15
71.54
71.52
71.50
71.48
71.46
71.44
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−2000
−3000
Time (UTC)

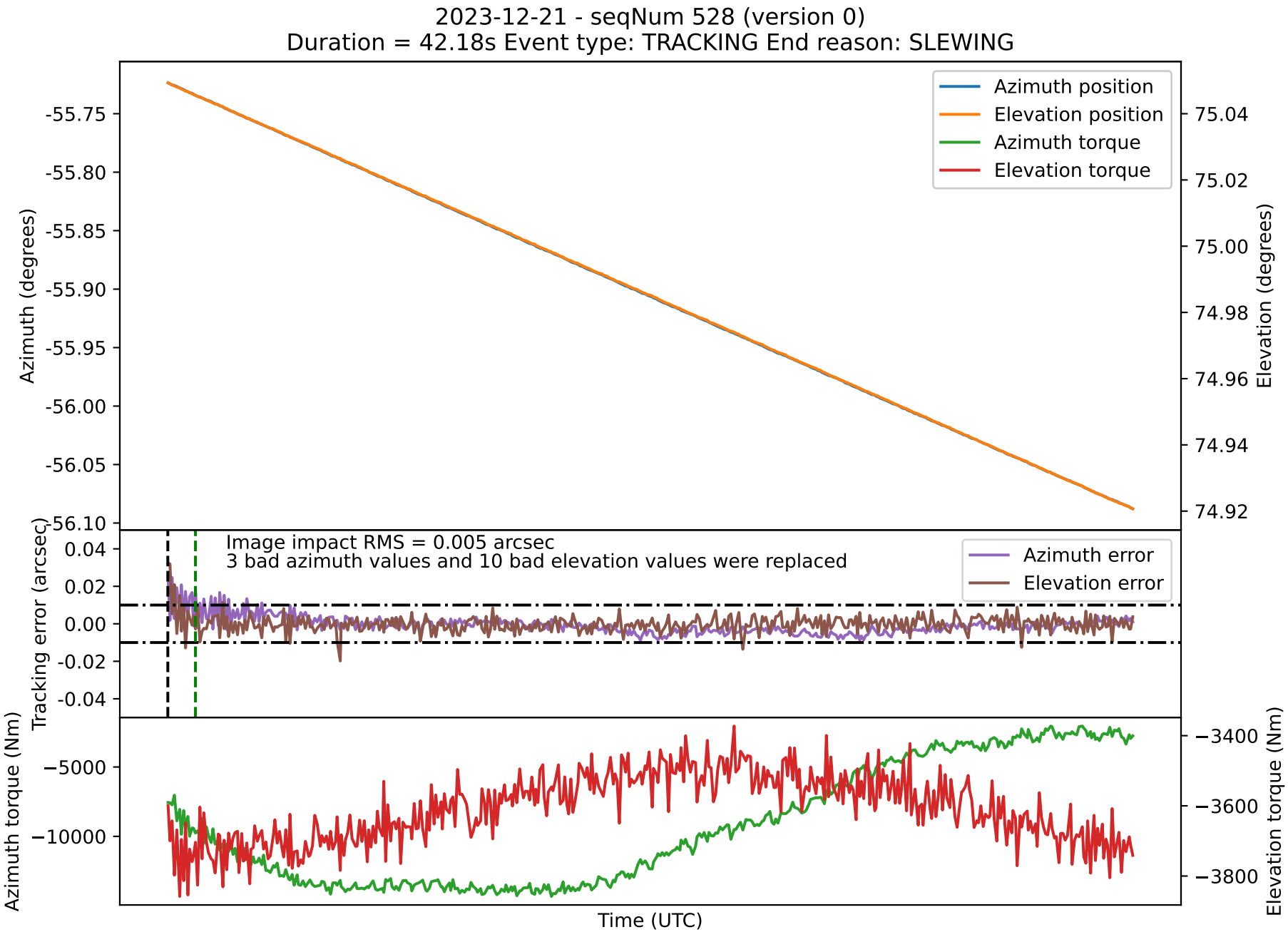

2023-12-21 - seqNum 518 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-44.30
-44.40
-44.50
-44.60
-44.70
74.38
74.36
74.34
74.32
74.30
74.28
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 1 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2000
−3000
Time (UTC)

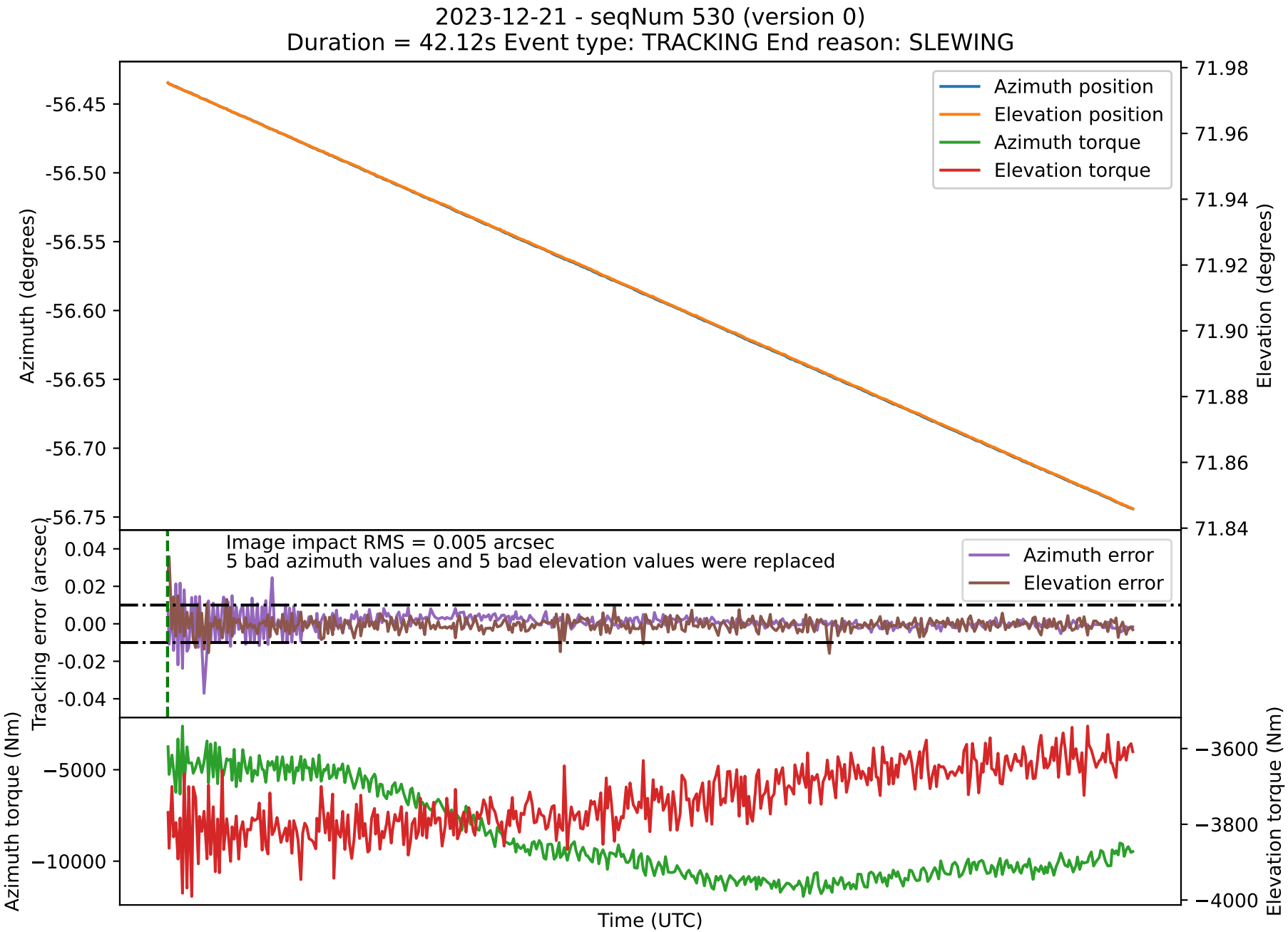

2023-12-21 - seqNum 520 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-33.70
-33.80
-33.90
-34.00
-34.10
-34.20
75.56
75.54
75.52
75.50
75.48
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−2500
−5000
−7500
−10000
−2000
−2500
−3000
−3500
Time (UTC)

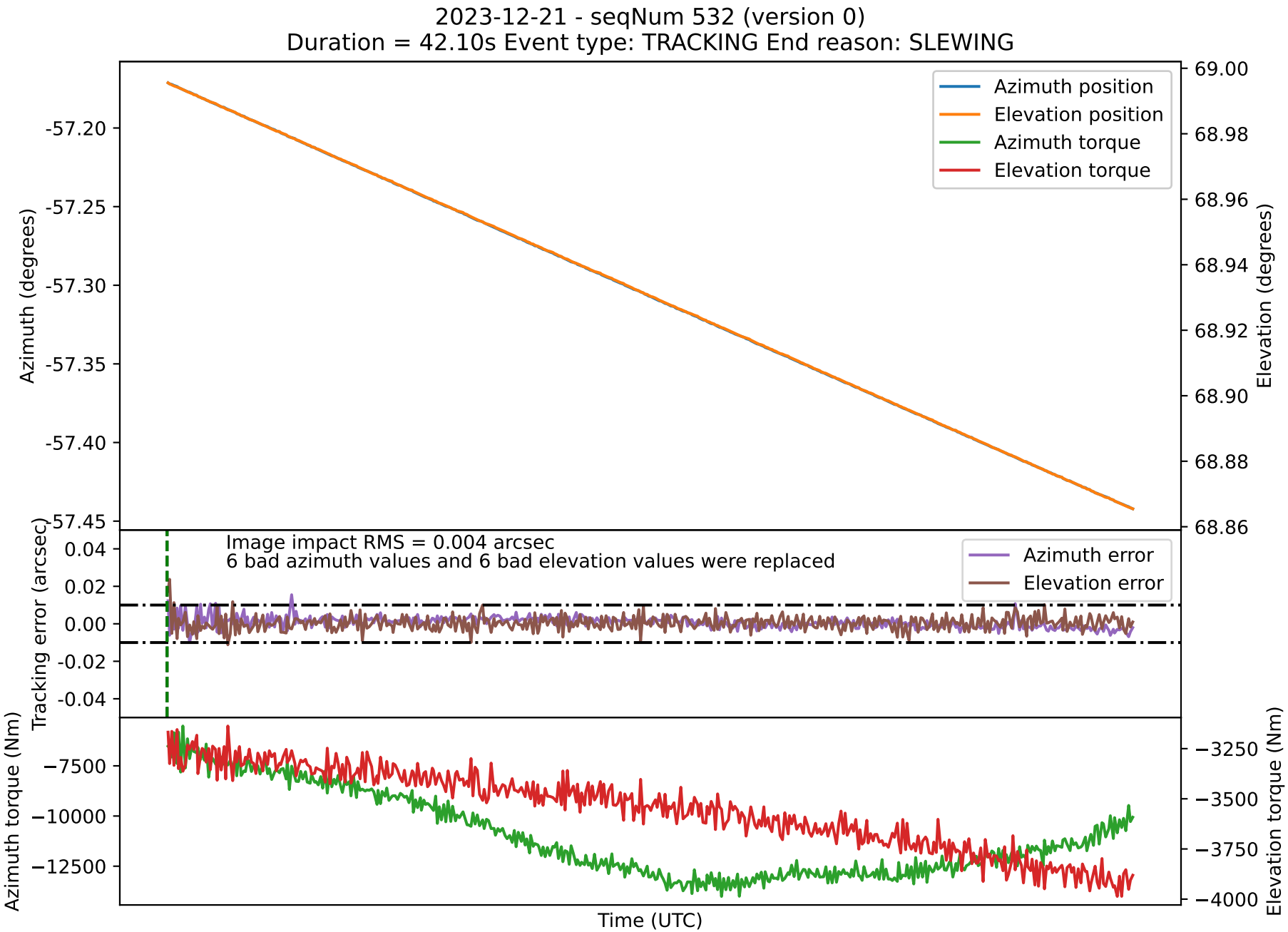

2023-12-21 - seqNum 522 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-43.30
-43.40
-43.50
-43.60
-43.70
-43.80
77.22
77.20
77.18
77.16
77.14
77.12
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

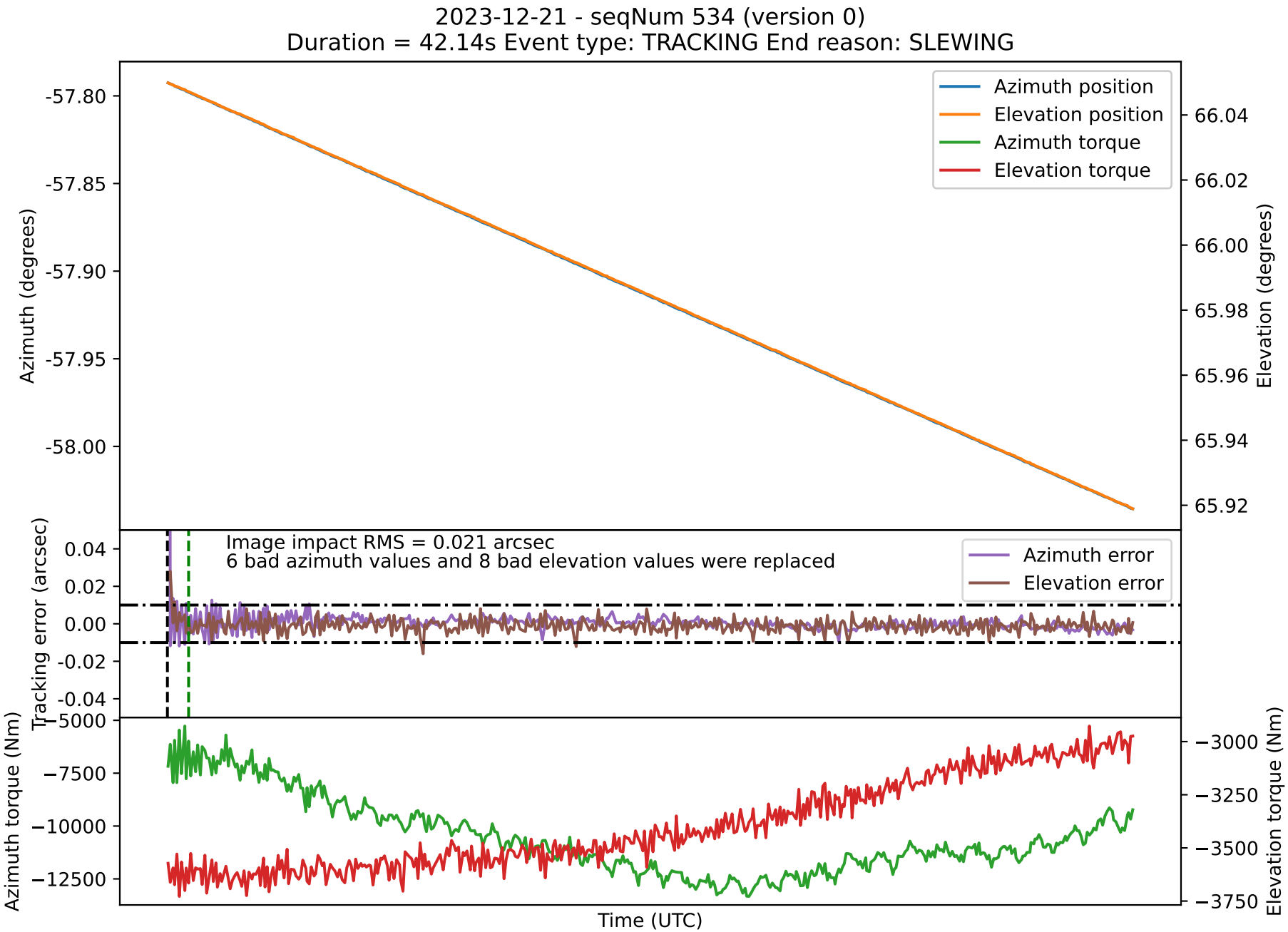

2023-12-21 - seqNum 524 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-41.20
-41.30
-41.40
-41.50
-41.60
-41.70
-41.80
80.22
80.20
80.18
80.16
80.14
80.12
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 14 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2000
−3000
Time (UTC)

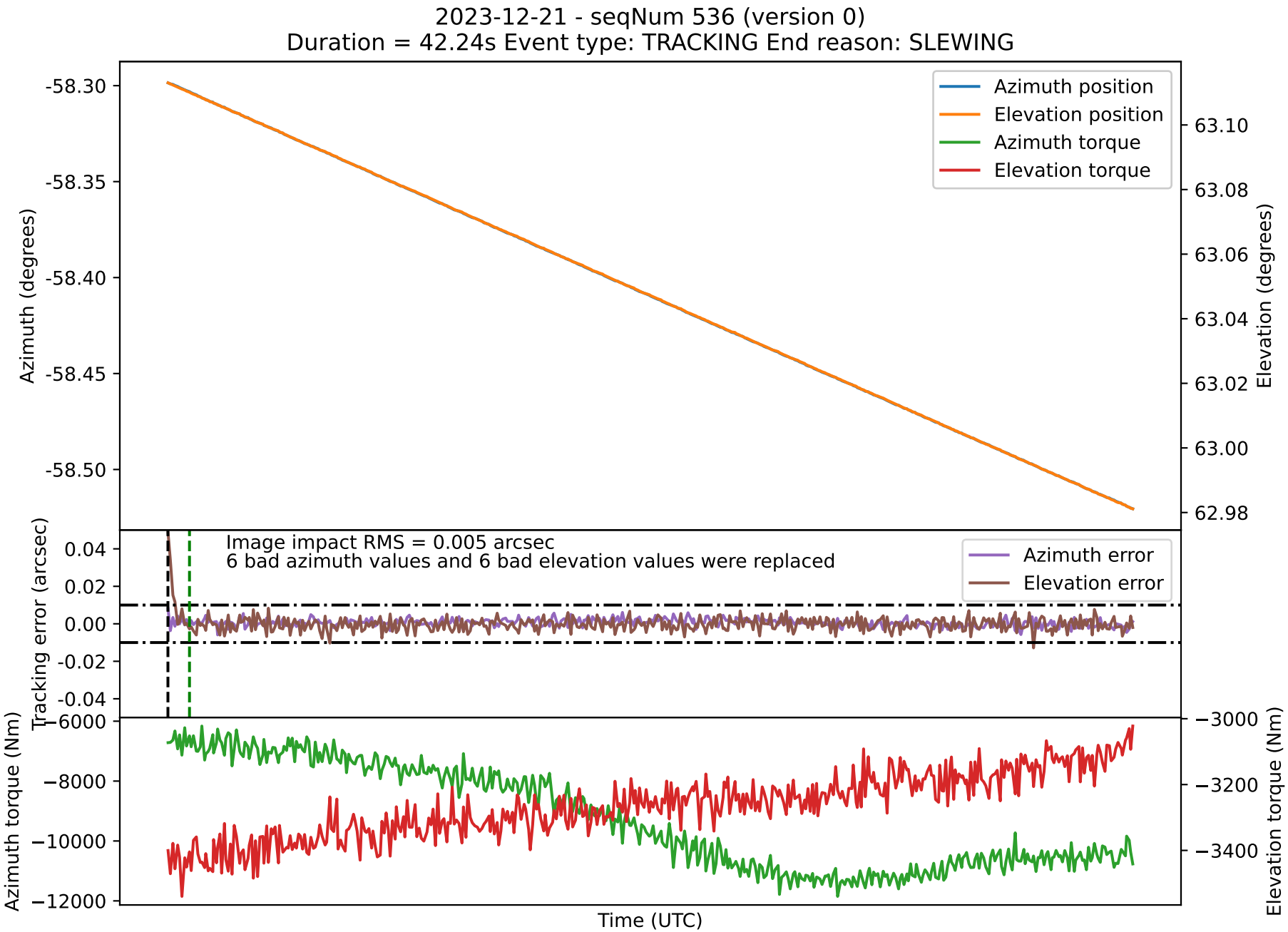

2023-12-21 - seqNum 526 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-55.90
-56.00
-56.10
-56.20
-56.30
78.32
78.30
78.28
78.26
78.24
78.22
78.20
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3200
−3400
Time (UTC)

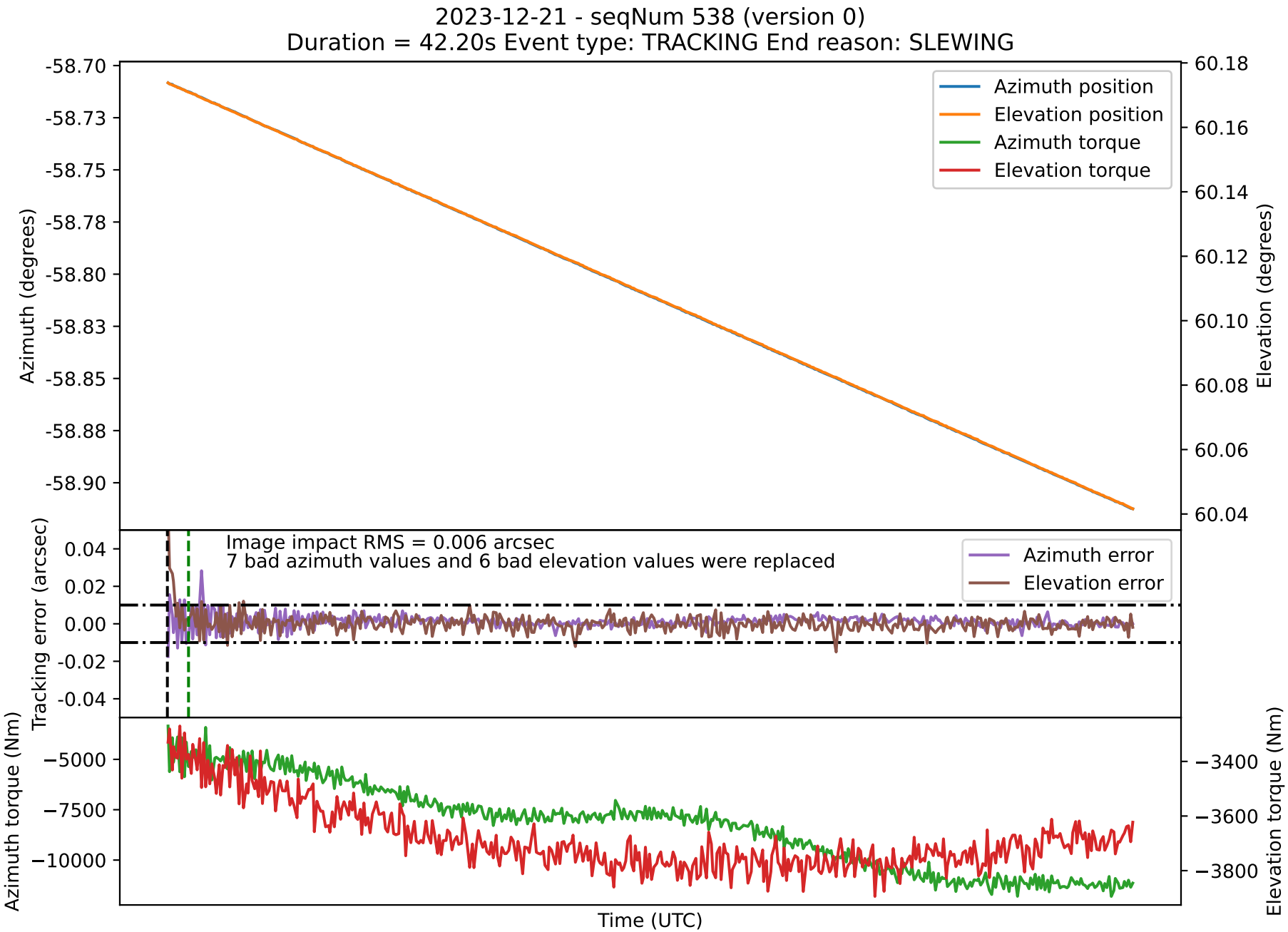

2023-12-21 - seqNum 528 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-55.75
-55.80
-55.85
-55.90
-55.95
-56.00
-56.05
-56.10
75.04
75.02
75.00
74.98
74.96
74.94
74.92
Image impact RMS = 0.005 arcsec
3 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3400
−3600
−3800
Time (UTC)

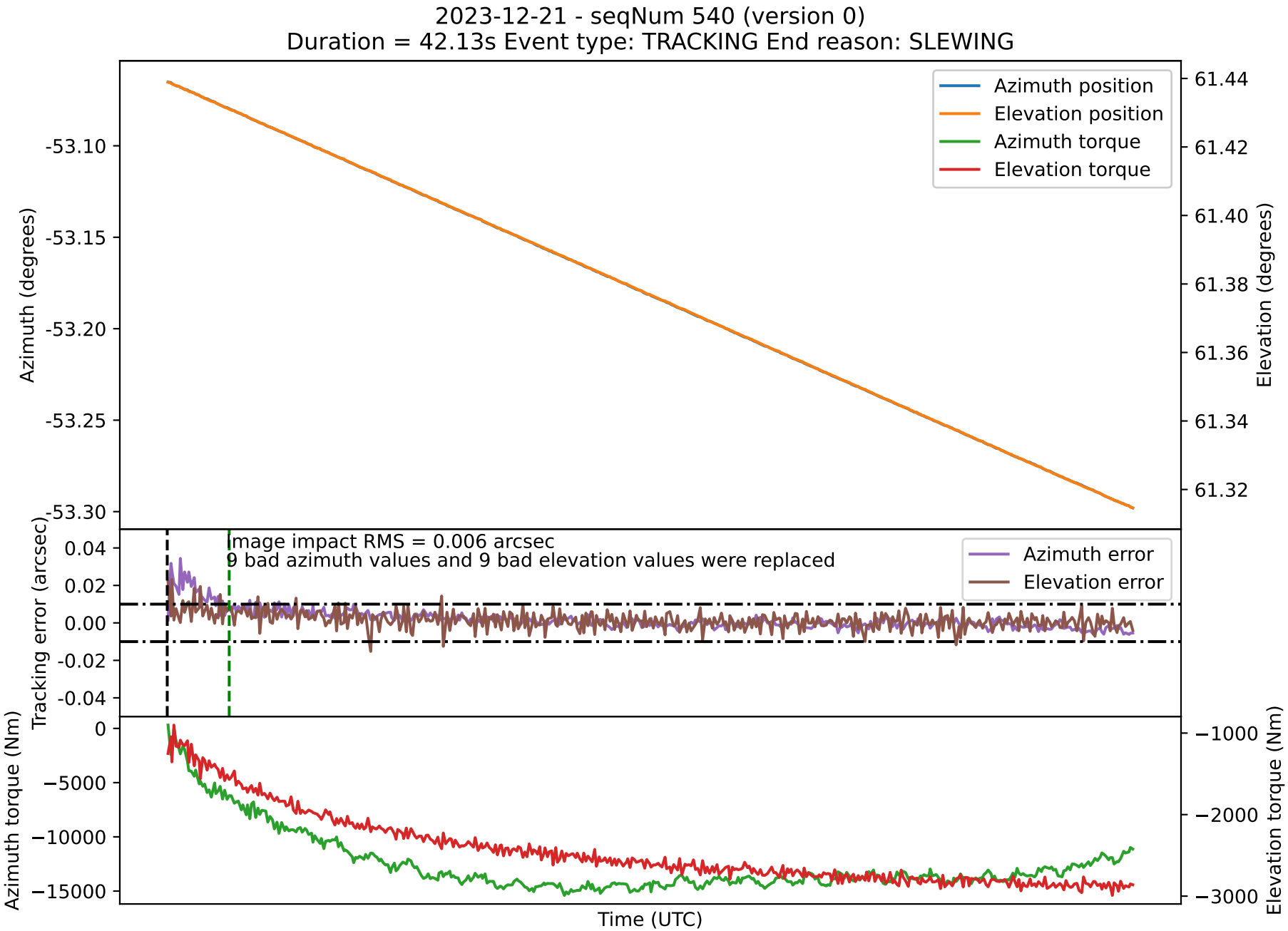

2023-12-21 - seqNum 530 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-56.45
-56.50
-56.55
-56.60
-56.65
-56.70
-56.75
71.98
71.96
71.94
71.92
71.90
71.88
71.86
71.84
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3600
−3800
−4000
Time (UTC)

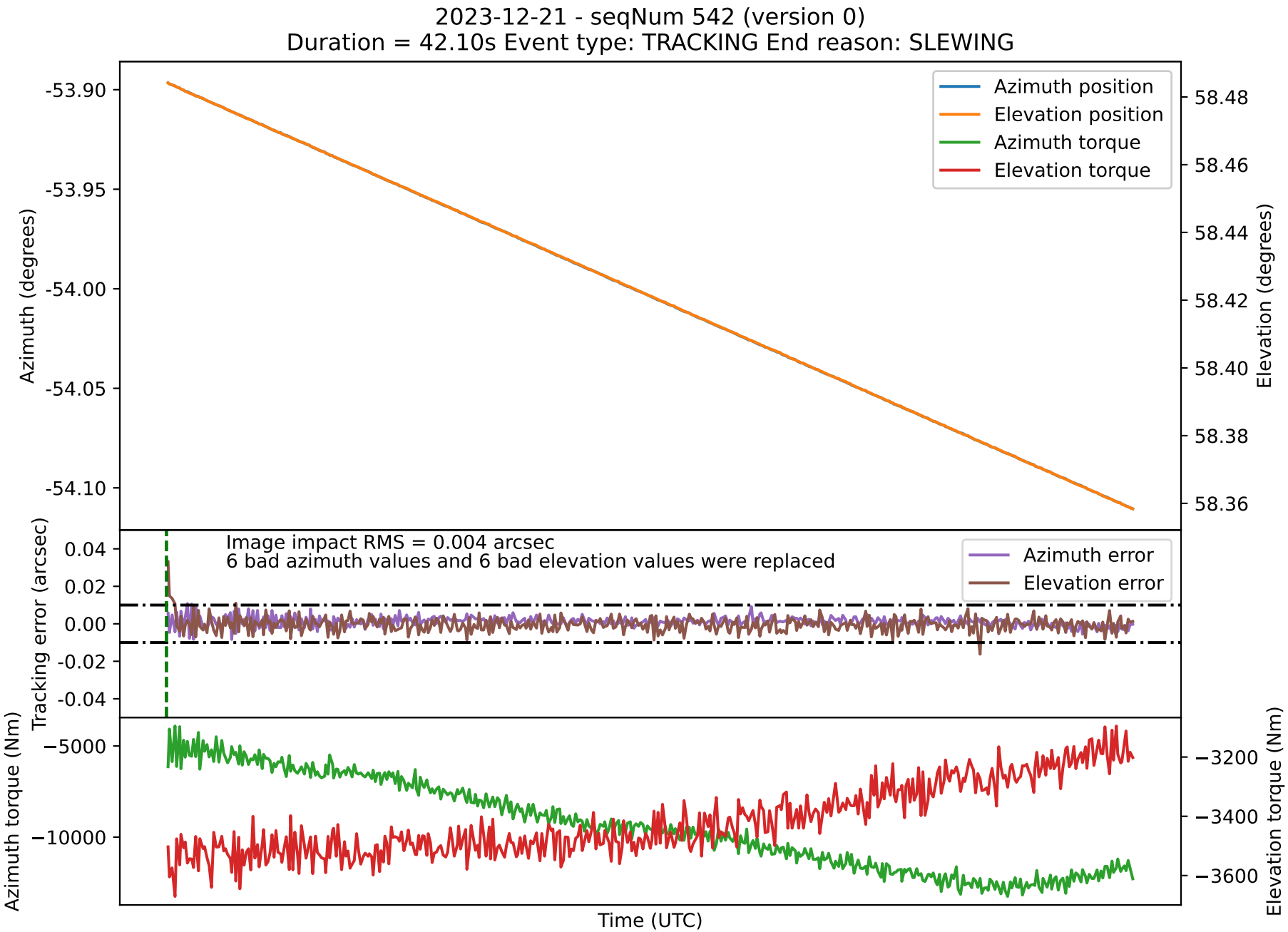

2023-12-21 - seqNum 532 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-57.20
-57.25
-57.30
-57.35
-57.40
-57.45
69.00
68.98
68.96
68.94
68.92
68.90
68.88
68.86
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−3250
−3500
−3750
−4000
Time (UTC)

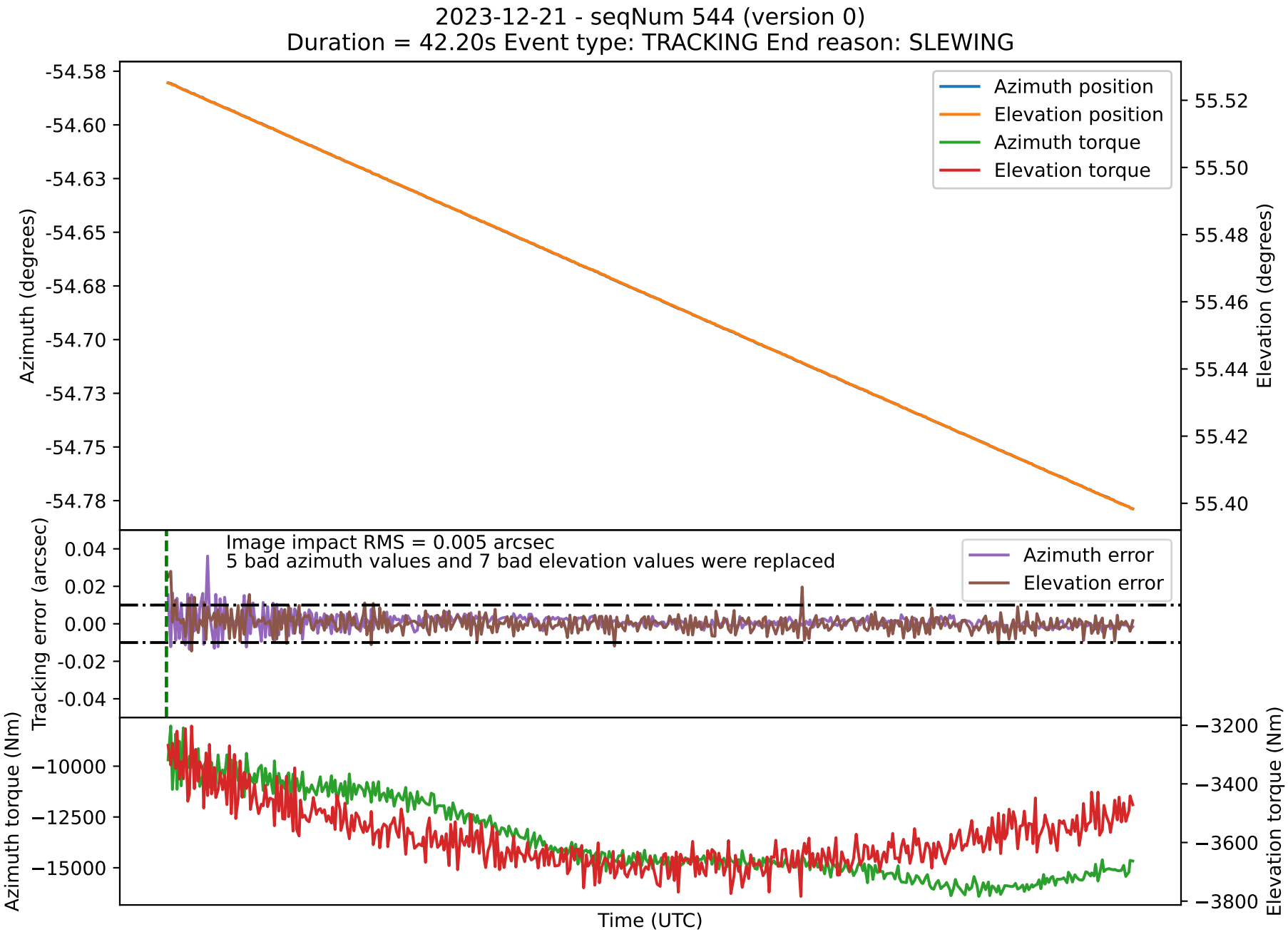

2023-12-21 - seqNum 534 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-57.80
-57.85
-57.90
-57.95
-58.00
66.04
66.02
66.00
65.98
65.96
65.94
65.92
Image impact RMS = 0.021 arcsec
6 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−3000
−3250
−3500
−3750
Time (UTC)

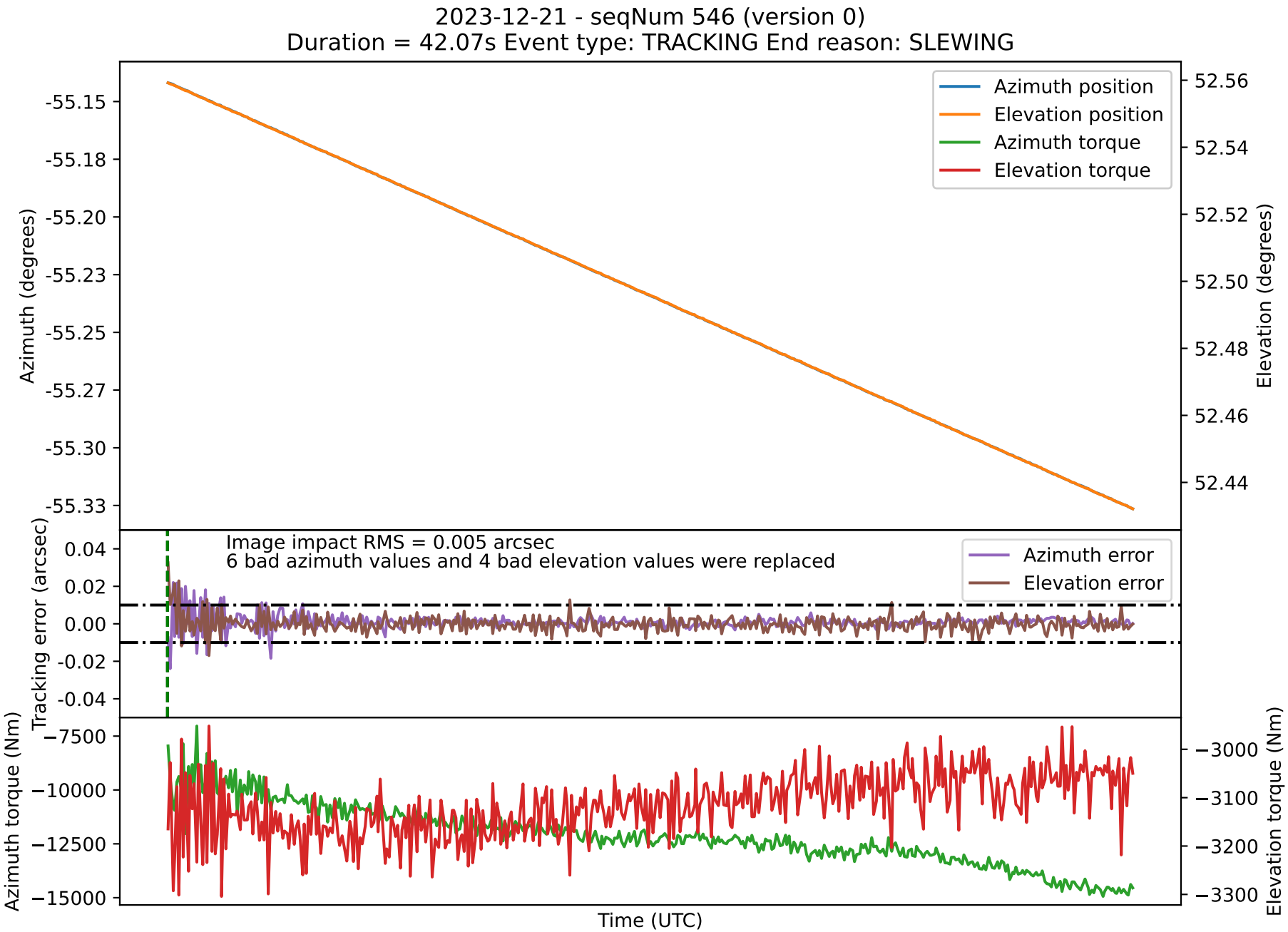

2023-12-21 - seqNum 536 (version 0)
Duration = 42.24s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-58.30
-58.35
-58.40
-58.45
-58.50
63.10
63.08
63.06
63.04
63.02
63.00
62.98
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−12000
−3000
−3200
−3400
Time (UTC)

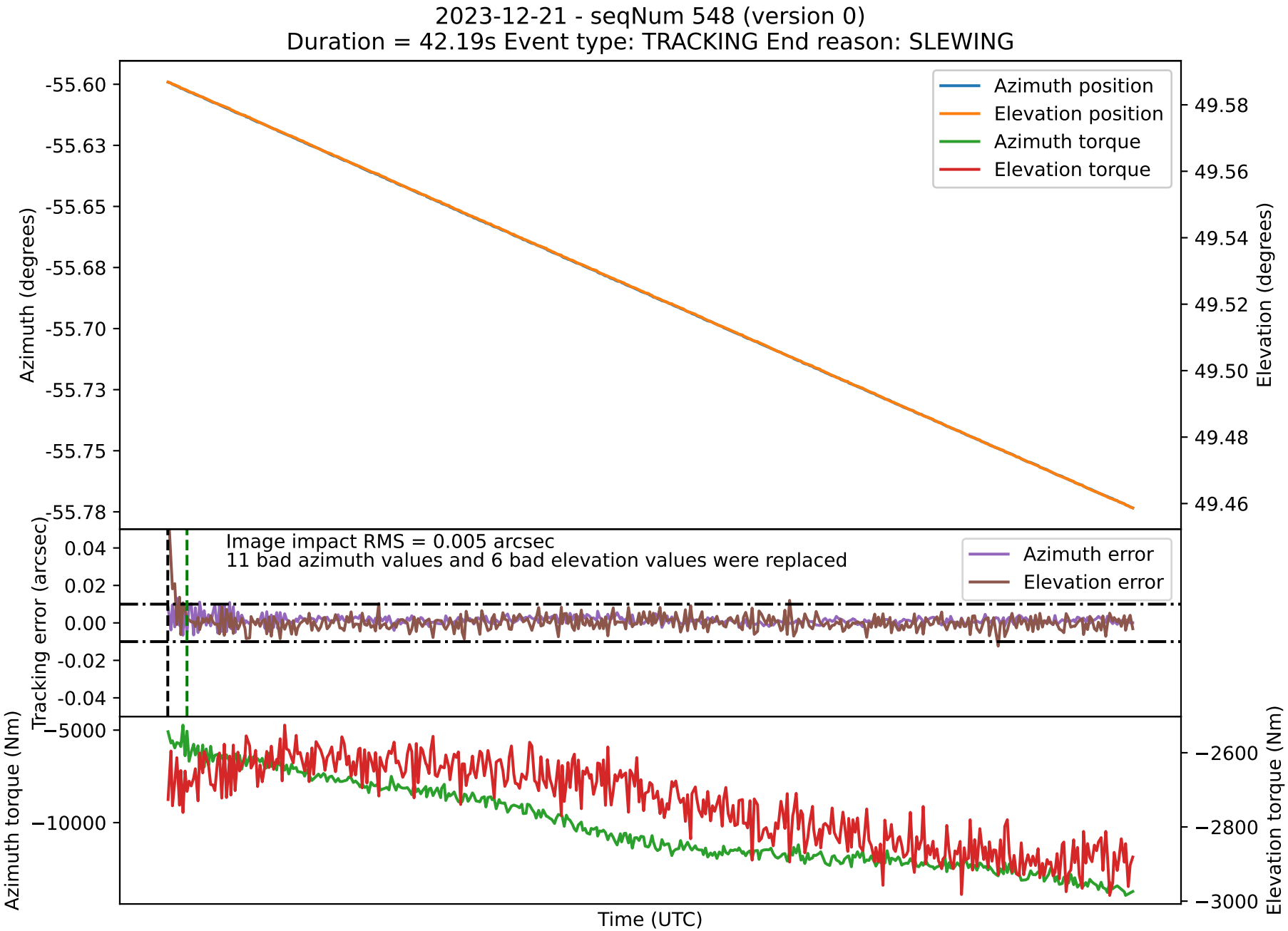

2023-12-21 - seqNum 538 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-58.70
-58.73
-58.75
-58.78
-58.80
-58.83
-58.85
-58.88
-58.90
60.18
60.16
60.14
60.12
60.10
60.08
60.06
60.04
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−3400
−3600
−3800
Time (UTC)

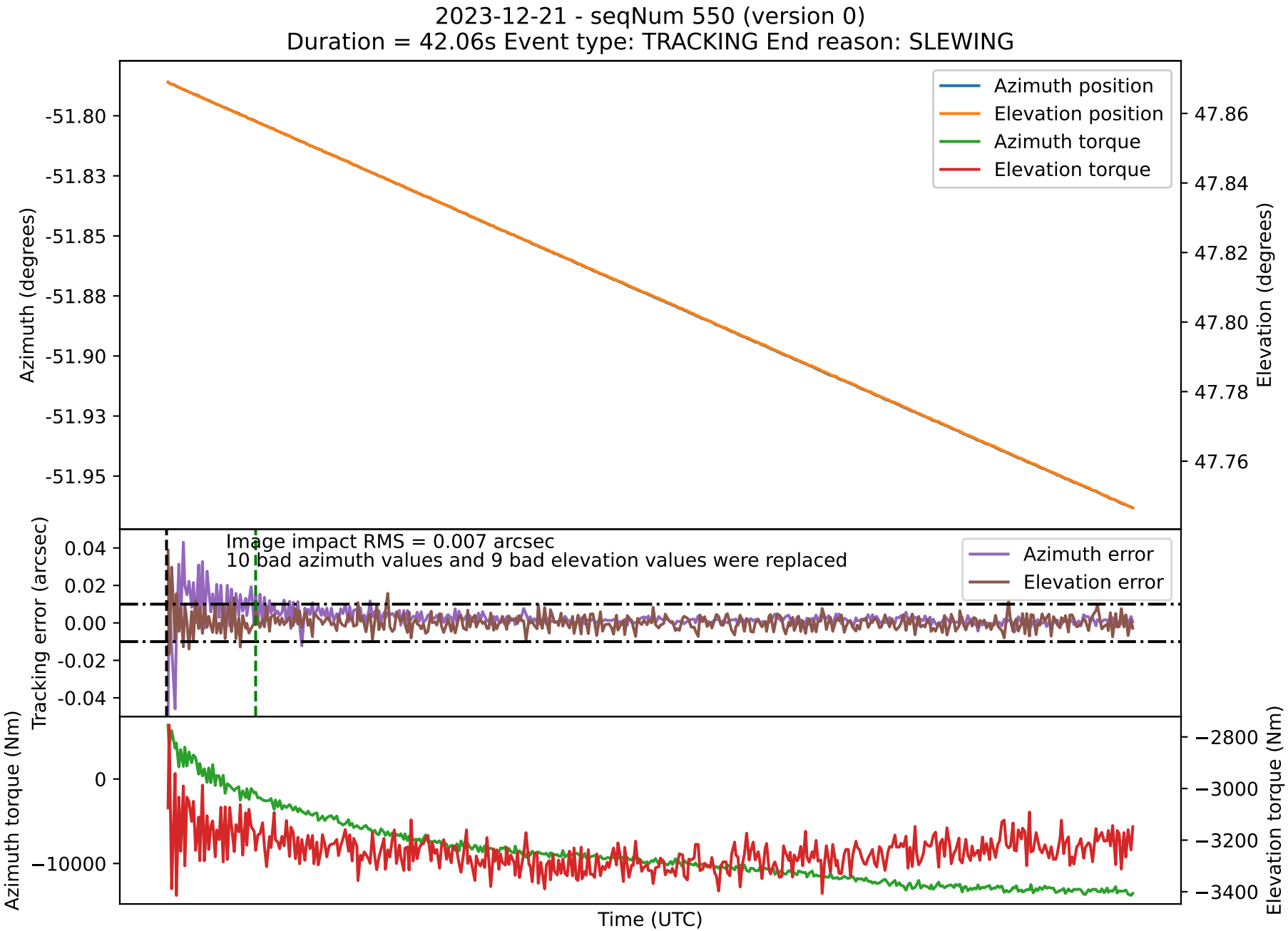

2023-12-21 - seqNum 540 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-53.10
-53.15
-53.20
-53.25
-53.30
61.44
61.42
61.40
61.38
61.36
61.34
61.32
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

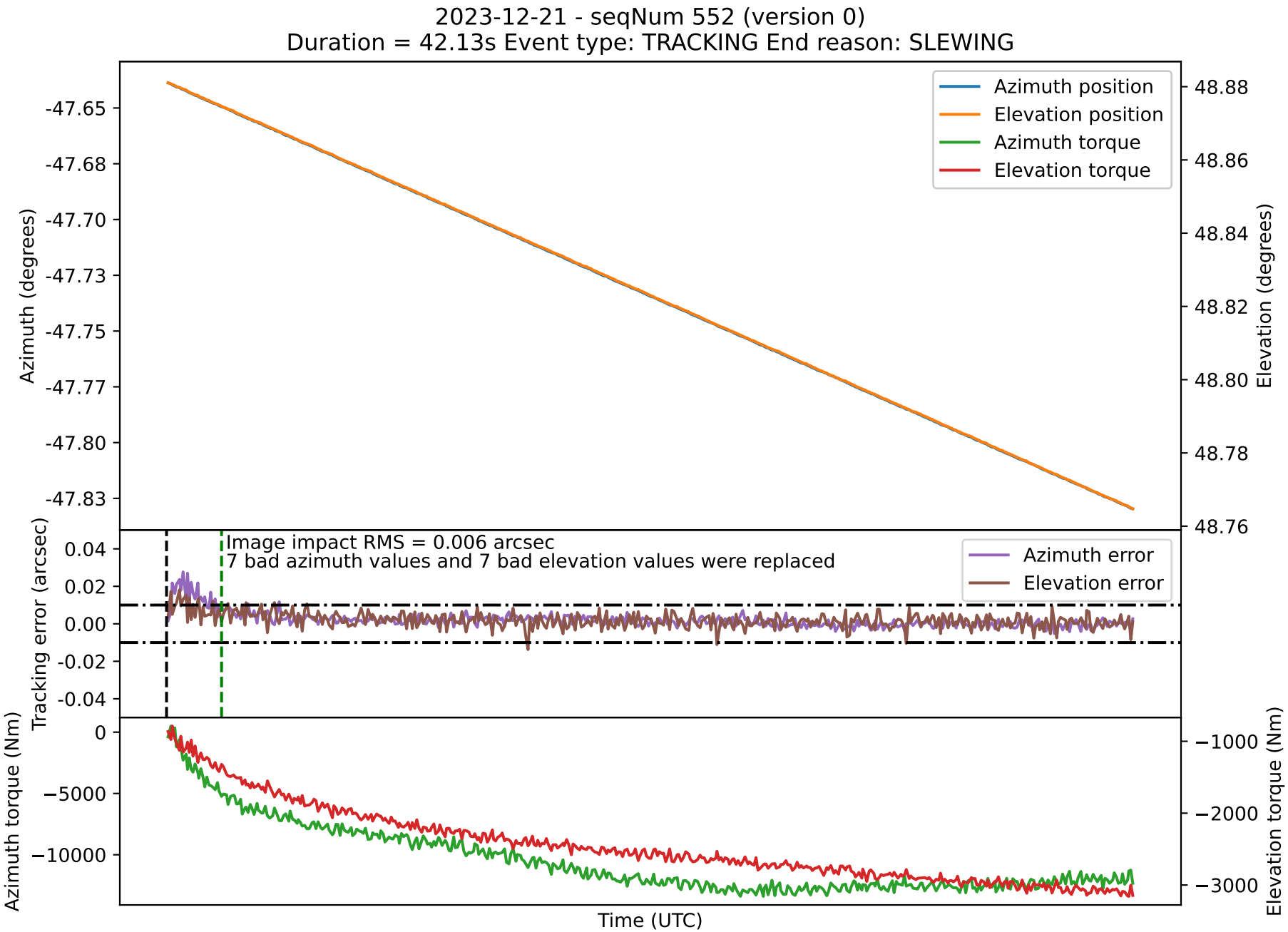

2023-12-21 - seqNum 542 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-53.90
-53.95
-54.00
-54.05
-54.10
58.48
58.46
58.44
58.42
58.40
58.38
58.36
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3200
−3400
−3600
Time (UTC)

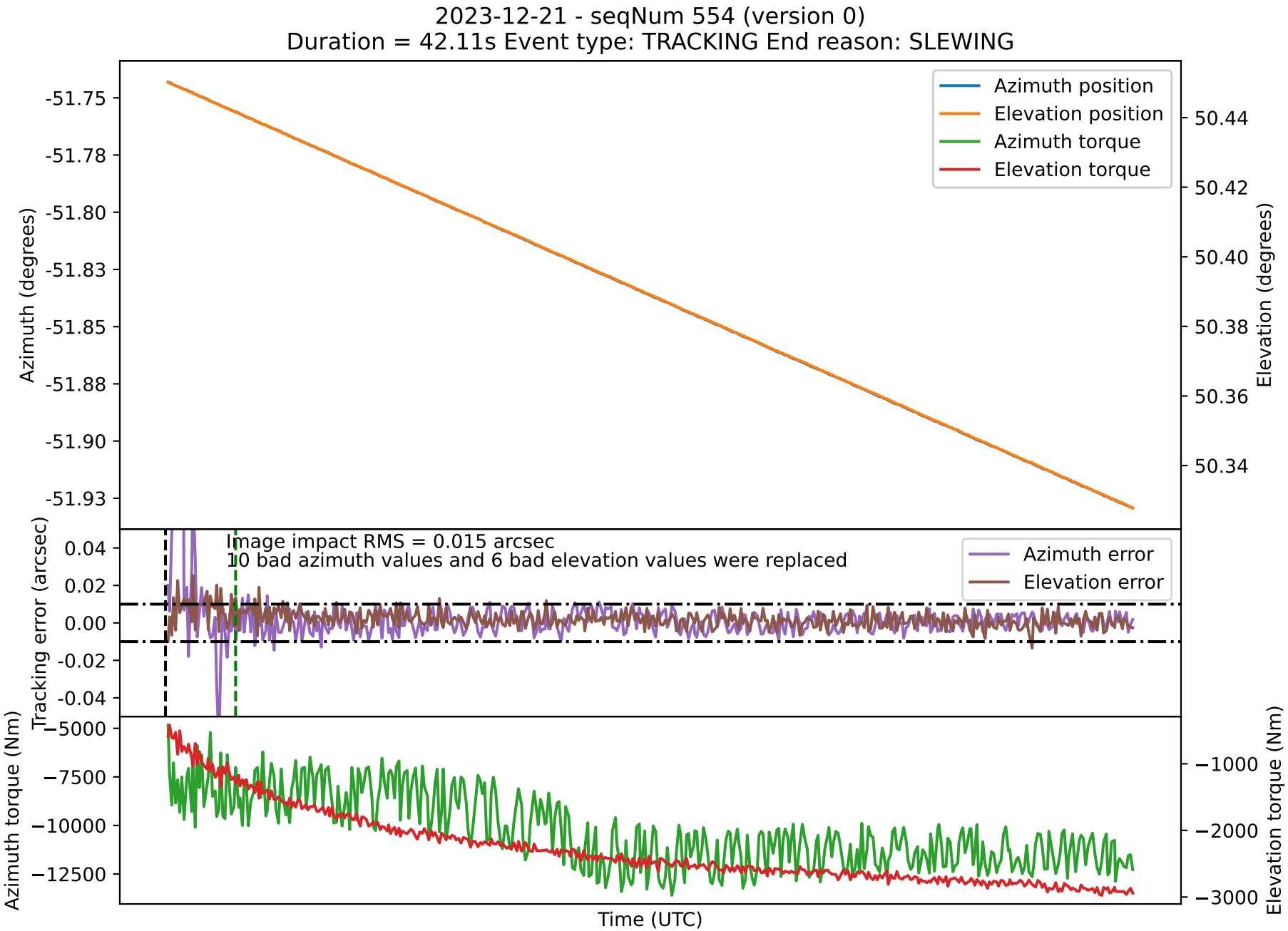

2023-12-21 - seqNum 544 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-54.58
-54.60
-54.63
-54.65
-54.68
-54.70
-54.73
-54.75
-54.78
55.52
55.50
55.48
55.46
55.44
55.42
55.40
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−12500
−15000
−3200
−3400
−3600
−3800
Time (UTC)

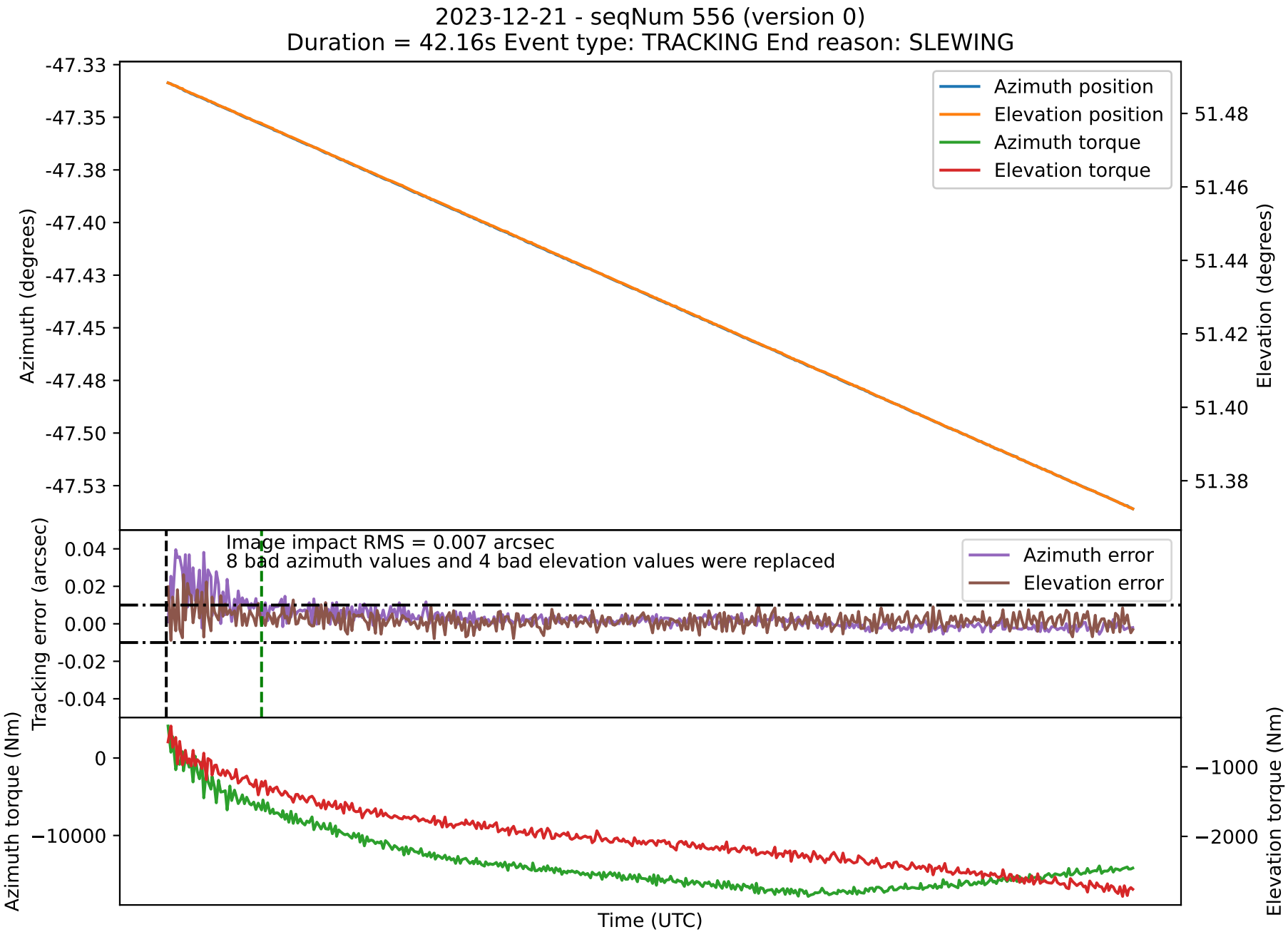

2023-12-21 - seqNum 546 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-55.15
-55.18
-55.20
-55.23
-55.25
-55.27
-55.30
-55.33
52.56
52.54
52.52
52.50
52.48
52.46
52.44
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−3000
−3100
−3200
−3300
Time (UTC)

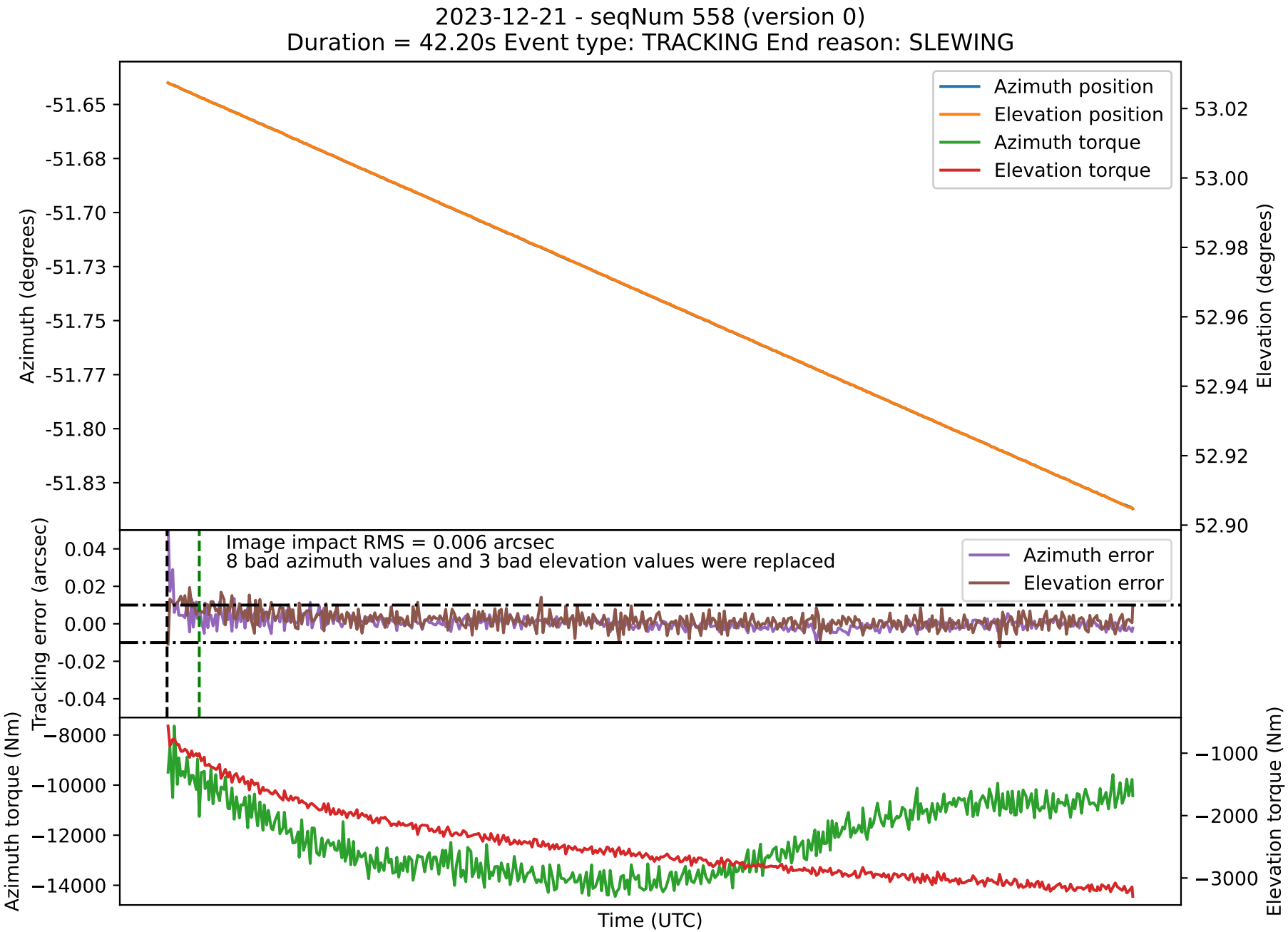

2023-12-21 - seqNum 548 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-55.60
-55.63
-55.65
-55.68
-55.70
-55.73
-55.75
-55.78
49.58
49.56
49.54
49.52
49.50
49.48
49.46
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−2600
−2800
−3000
Time (UTC)

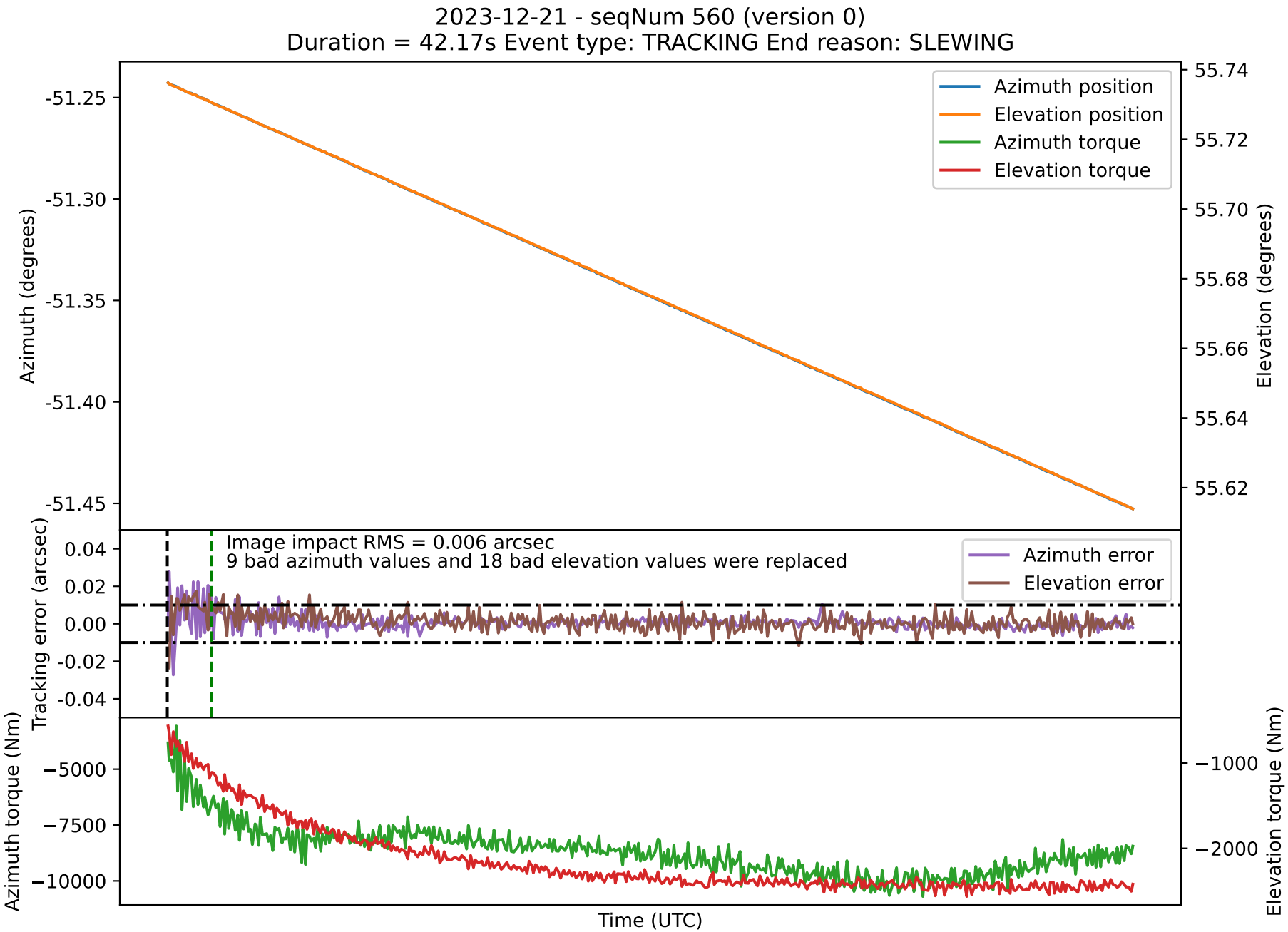

2023-12-21 - seqNum 550 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-51.80
-51.83
-51.85
-51.88
-51.90
-51.93
-51.95
47.86
47.84
47.82
47.80
47.78
47.76
Image impact RMS = 0.007 arcsec
10 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−2800
−3000
−3200
−3400
Time (UTC)

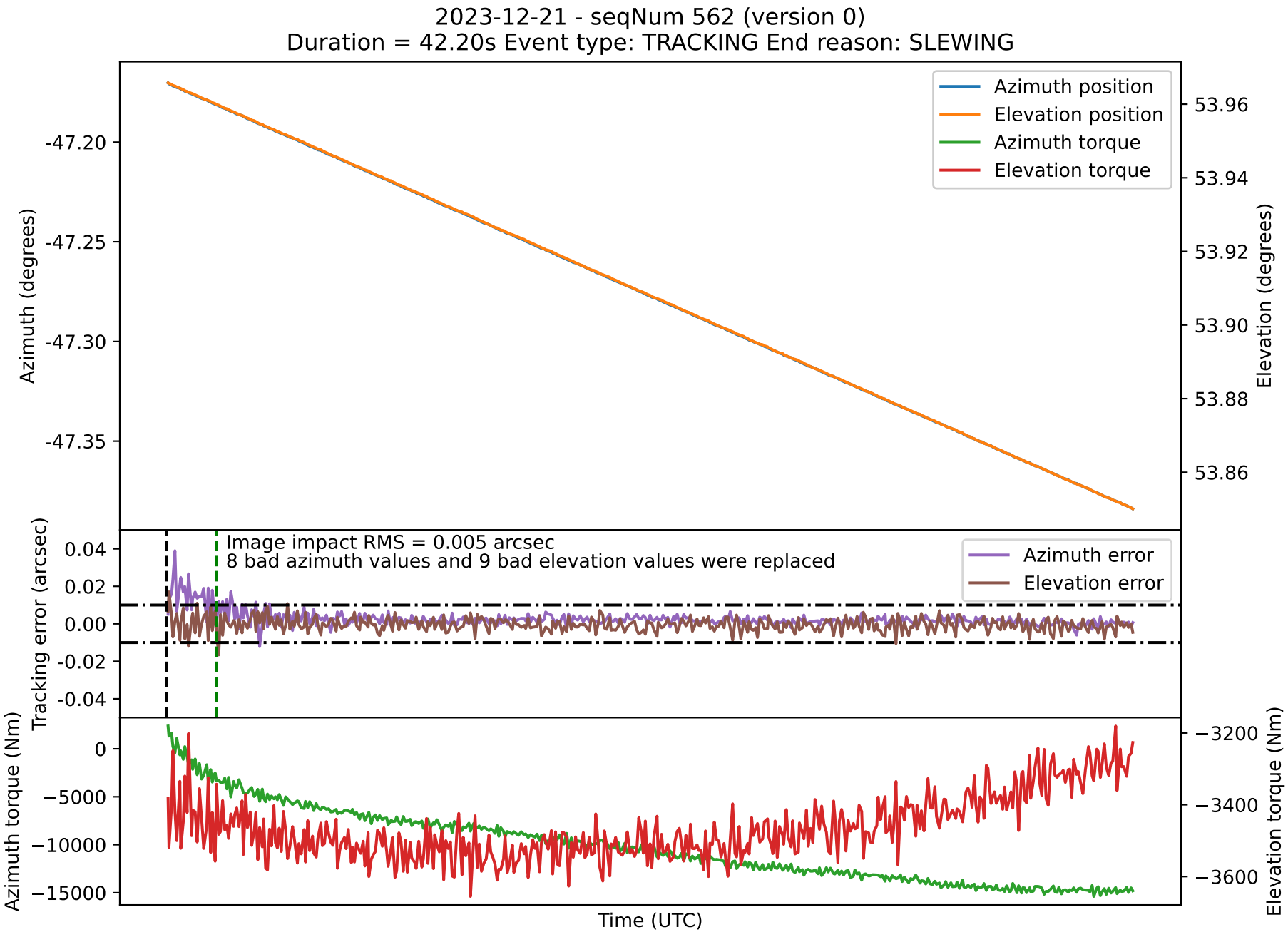

2023-12-21 - seqNum 552 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-47.65
-47.68
-47.70
-47.73
-47.75
-47.77
-47.80
-47.83
48.88
48.86
48.84
48.82
48.80
48.78
48.76
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
−3000
Time (UTC)

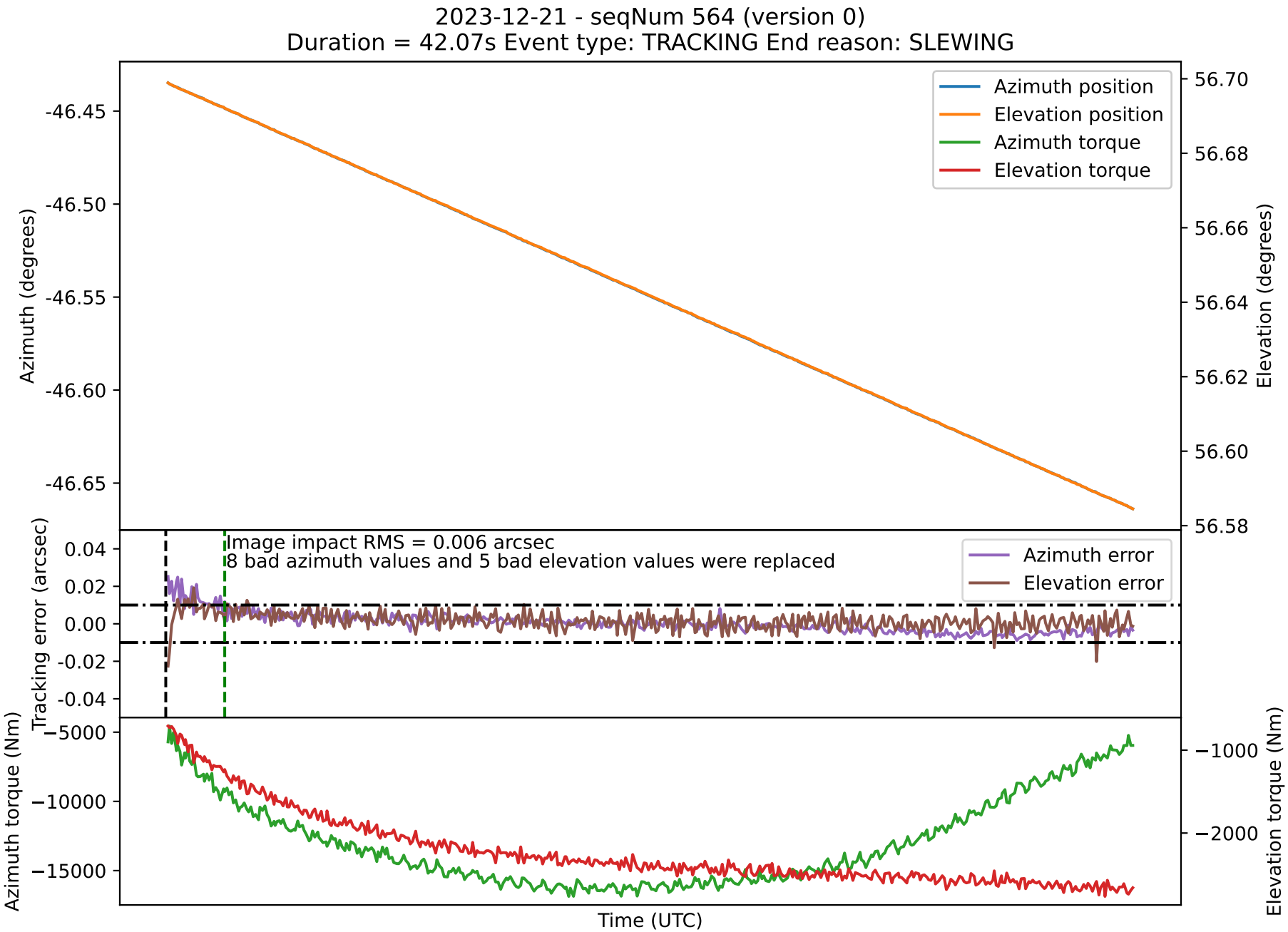

2023-12-21 - seqNum 554 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-51.75
-51.78
-51.80
-51.83
-51.85
-51.88
-51.90
-51.93
50.44
50.42
50.40
50.38
50.36
50.34
Image impact RMS = 0.015 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−1000
−2000
−3000
Time (UTC)

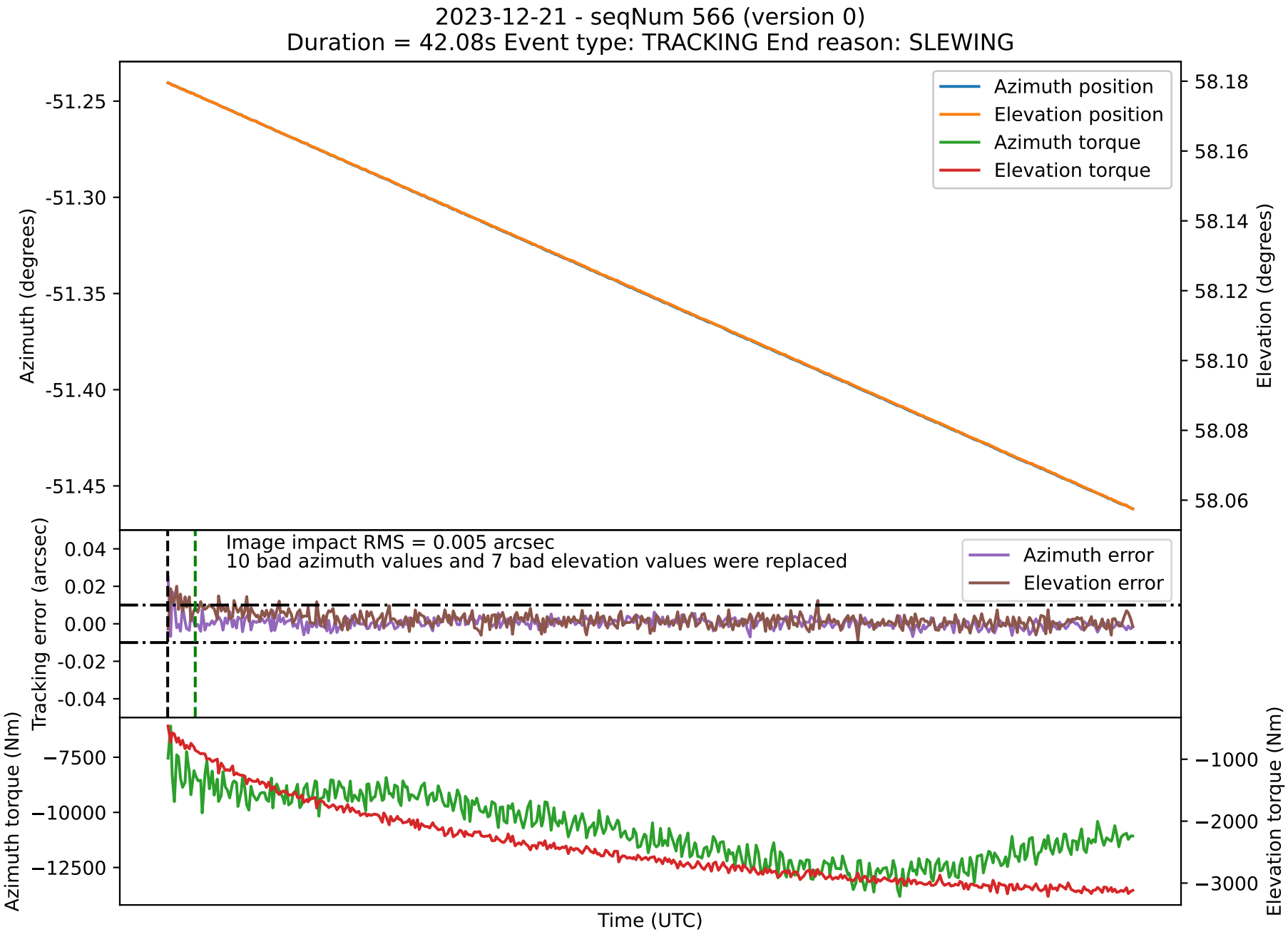

2023-12-21 - seqNum 556 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-47.33
-47.35
-47.38
-47.40
-47.43
-47.45
-47.48
-47.50
-47.53
51.48
51.46
51.44
51.42
51.40
51.38
Image impact RMS = 0.007 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−2000
Time (UTC)

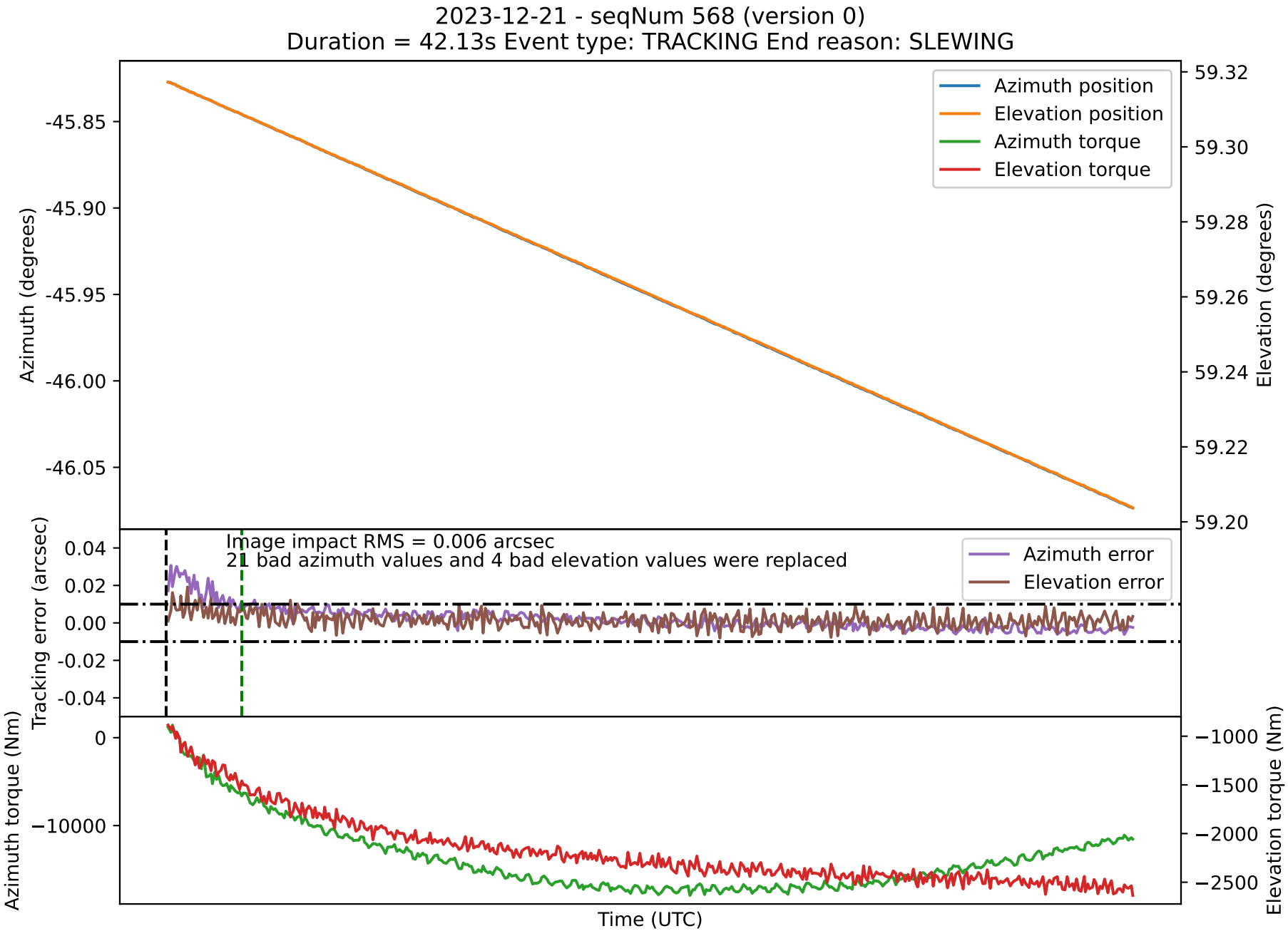

2023-12-21 - seqNum 558 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-51.65
-51.68
-51.70
-51.73
-51.75
-51.77
-51.80
-51.83
53.02
53.00
52.98
52.96
52.94
52.92
52.90
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
−14000
−1000
−2000
−3000
Time (UTC)

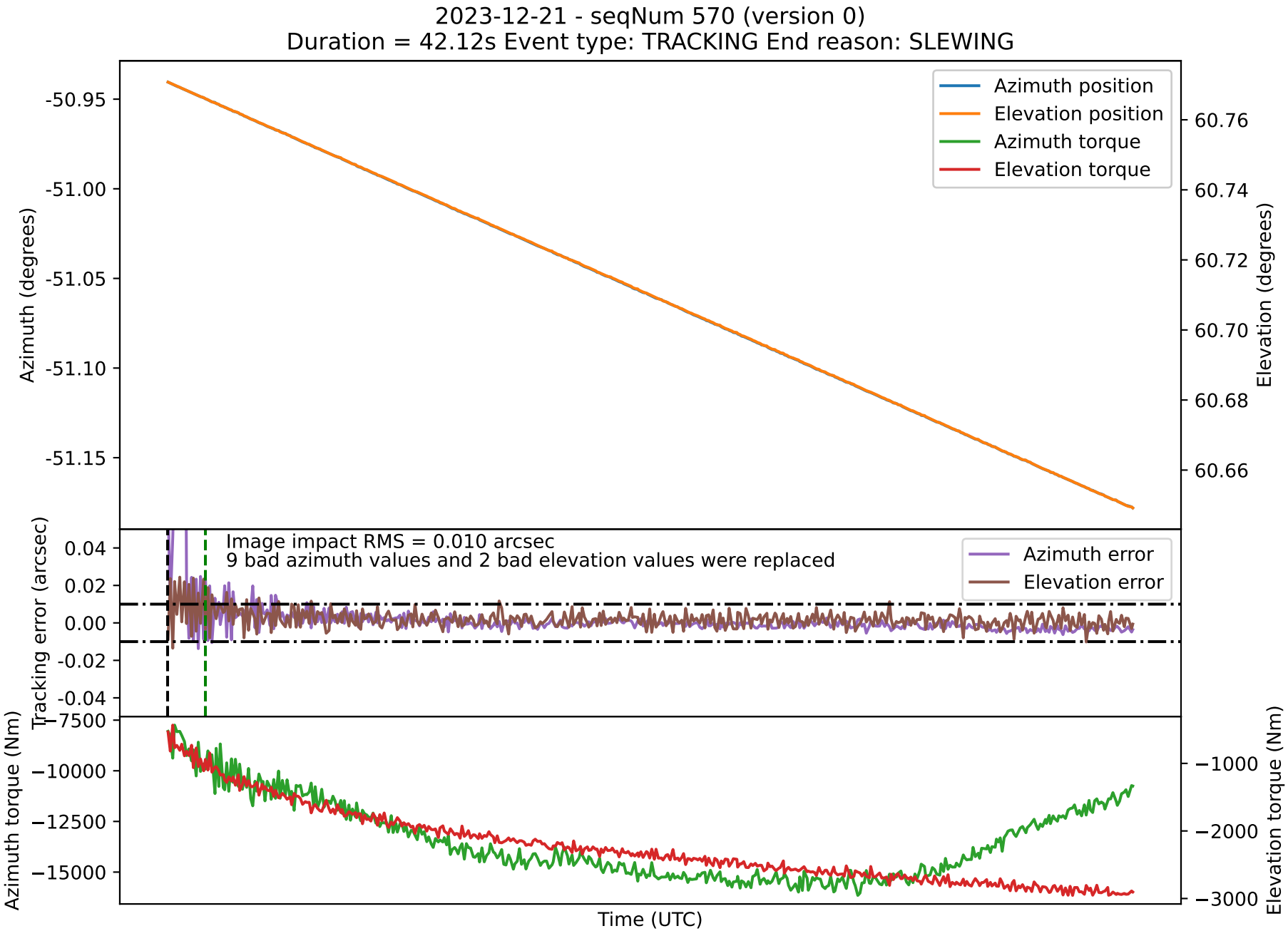

2023-12-21 - seqNum 560 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-51.25
-51.30
-51.35
-51.40
-51.45
55.74
55.72
55.70
55.68
55.66
55.64
55.62
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 18 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−1000
−2000
Time (UTC)

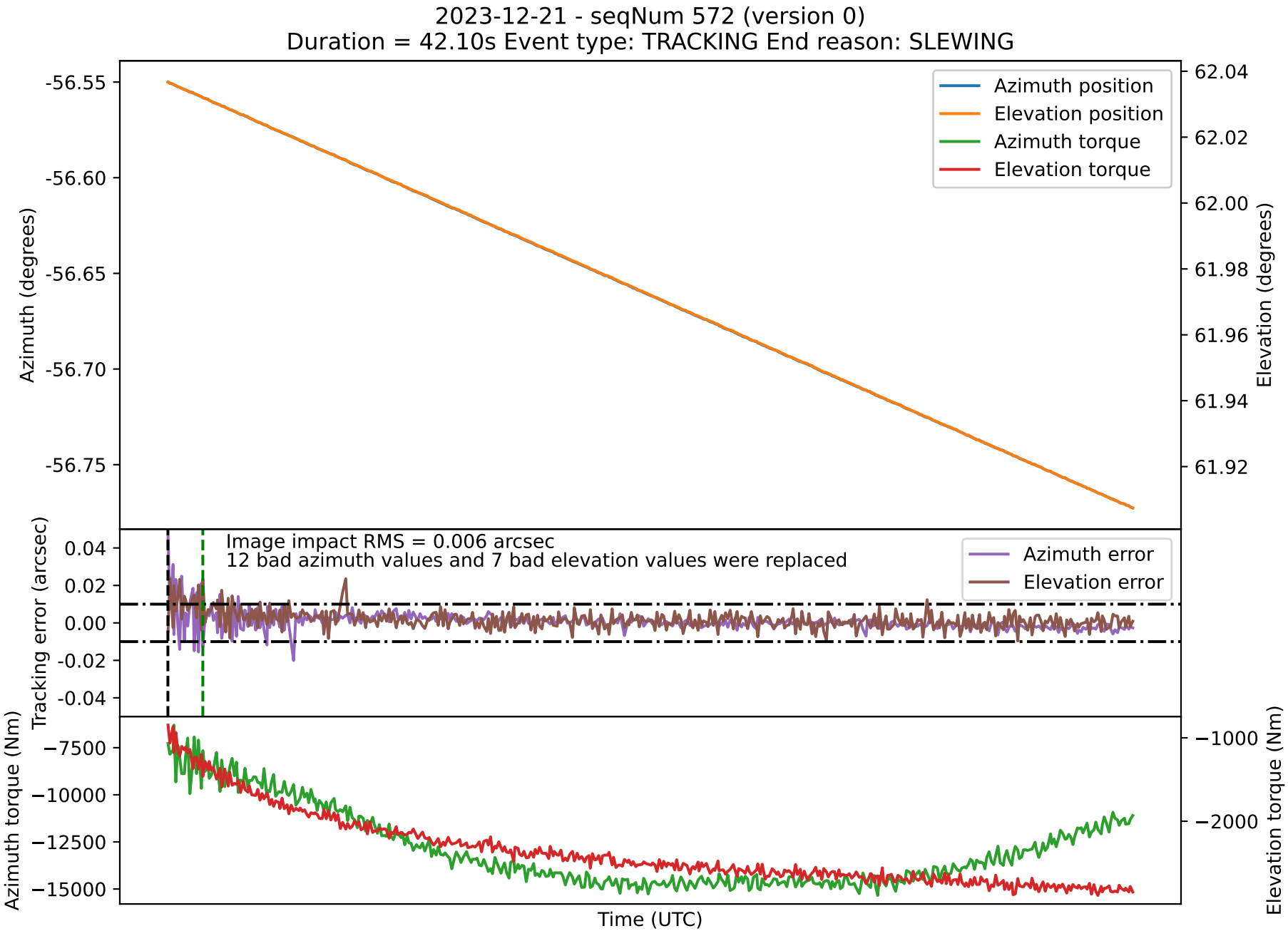

2023-12-21 - seqNum 562 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-47.20
-47.25
-47.30
-47.35
53.96
53.94
53.92
53.90
53.88
53.86
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3200
−3400
−3600
Time (UTC)

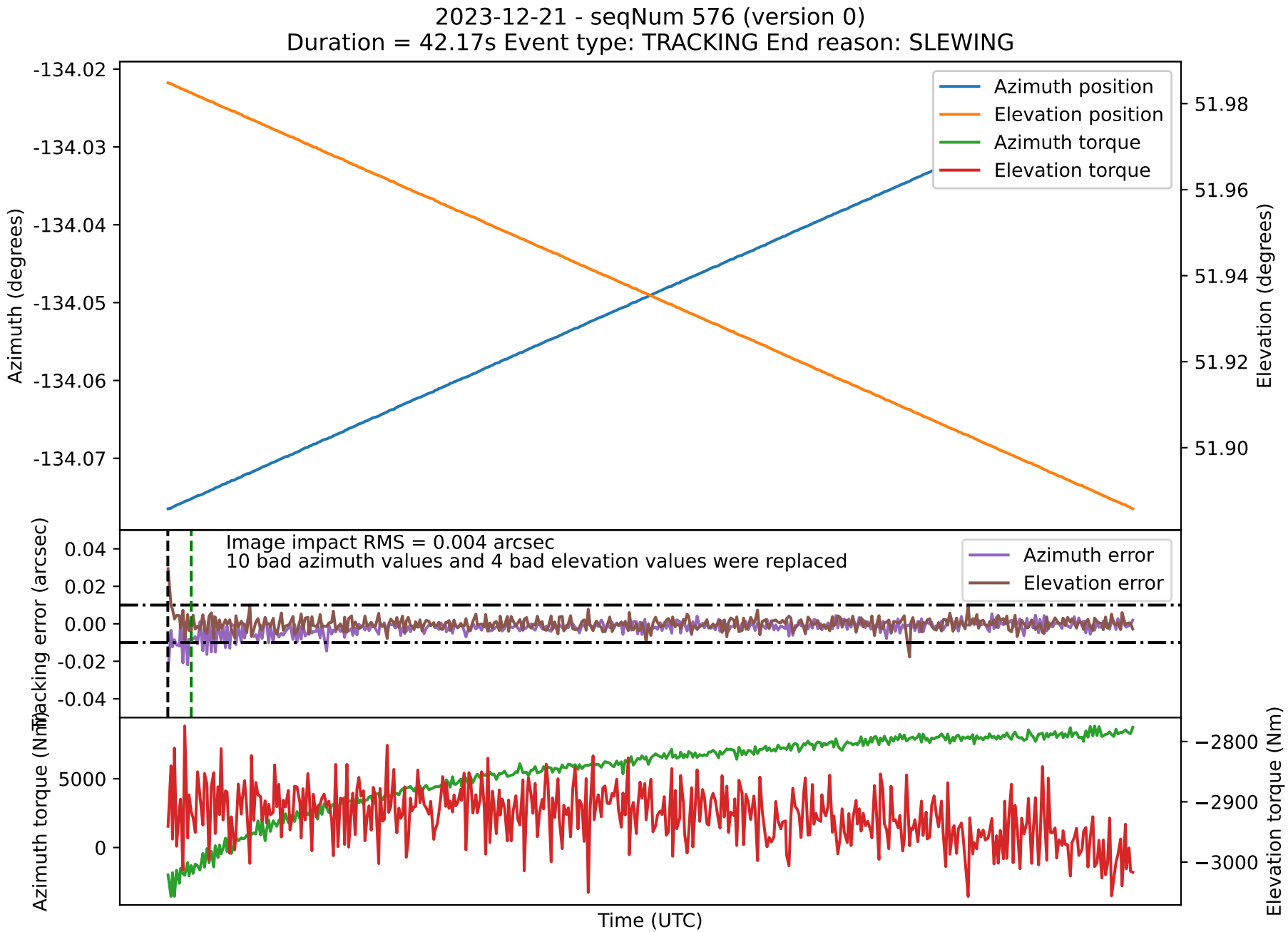

2023-12-21 - seqNum 564 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-46.45
-46.50
-46.55
-46.60
-46.65
56.70
56.68
56.66
56.64
56.62
56.60
56.58
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−1000
−2000
Time (UTC)

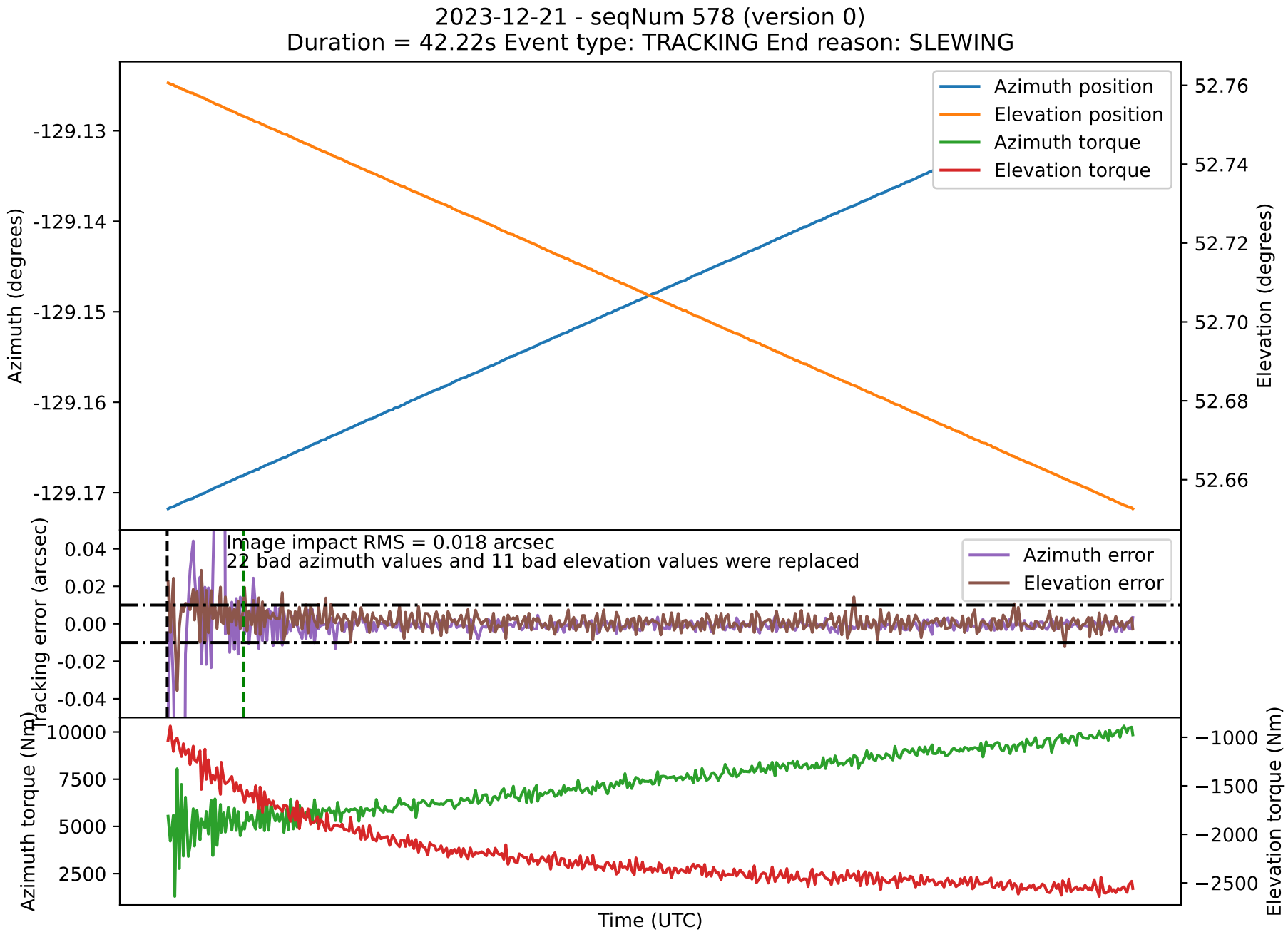

2023-12-21 - seqNum 566 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-51.25
-51.30
-51.35
-51.40
-51.45
58.18
58.16
58.14
58.12
58.10
58.08
58.06
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−1000
−2000
−3000
Time (UTC)

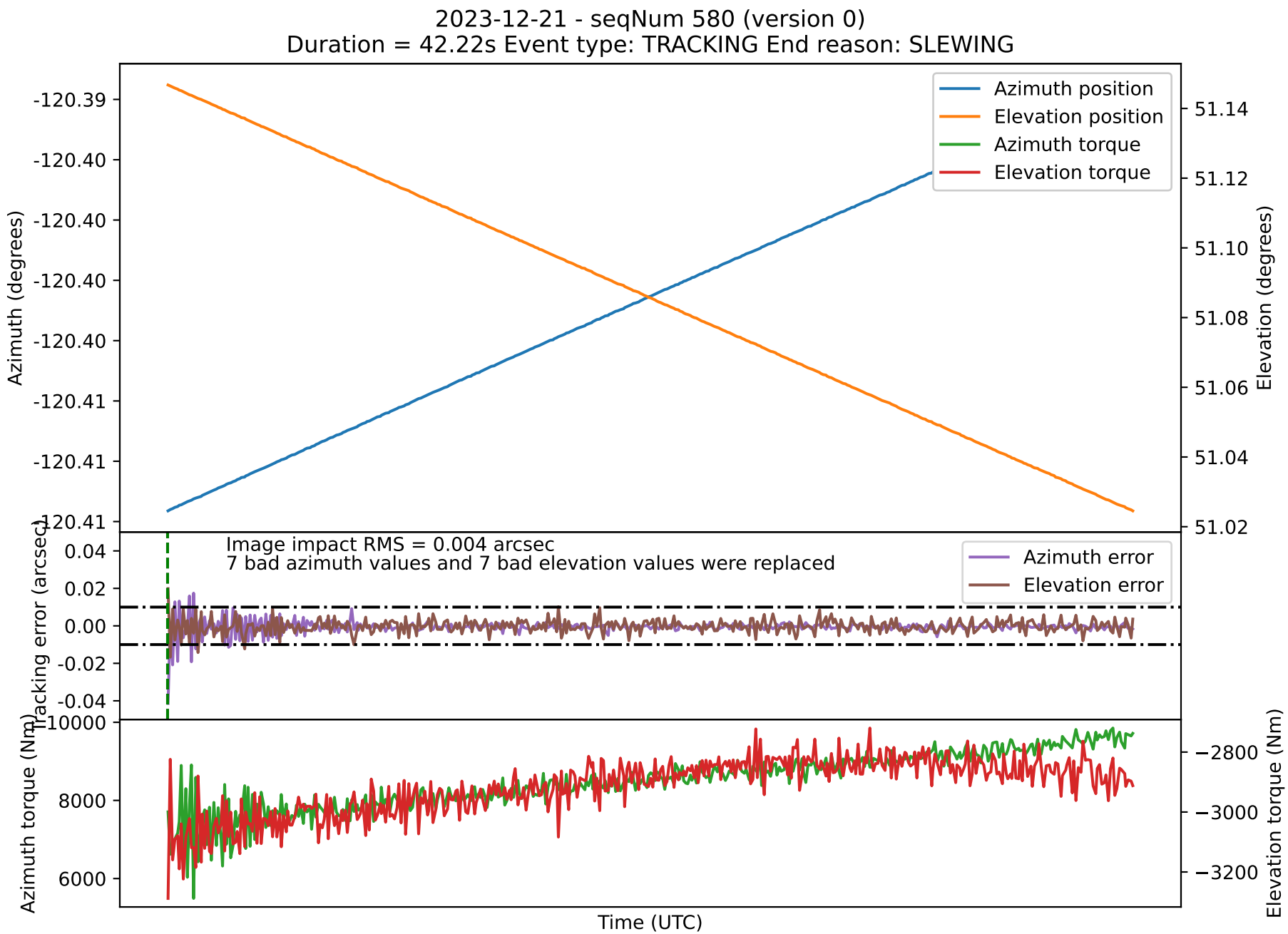

2023-12-21 - seqNum 568 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-45.85
-45.90
-45.95
-46.00
-46.05
59.32
59.30
59.28
59.26
59.24
59.22
59.20
Image impact RMS = 0.006 arcsec
21 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−1500
−2000
−2500
Time (UTC)

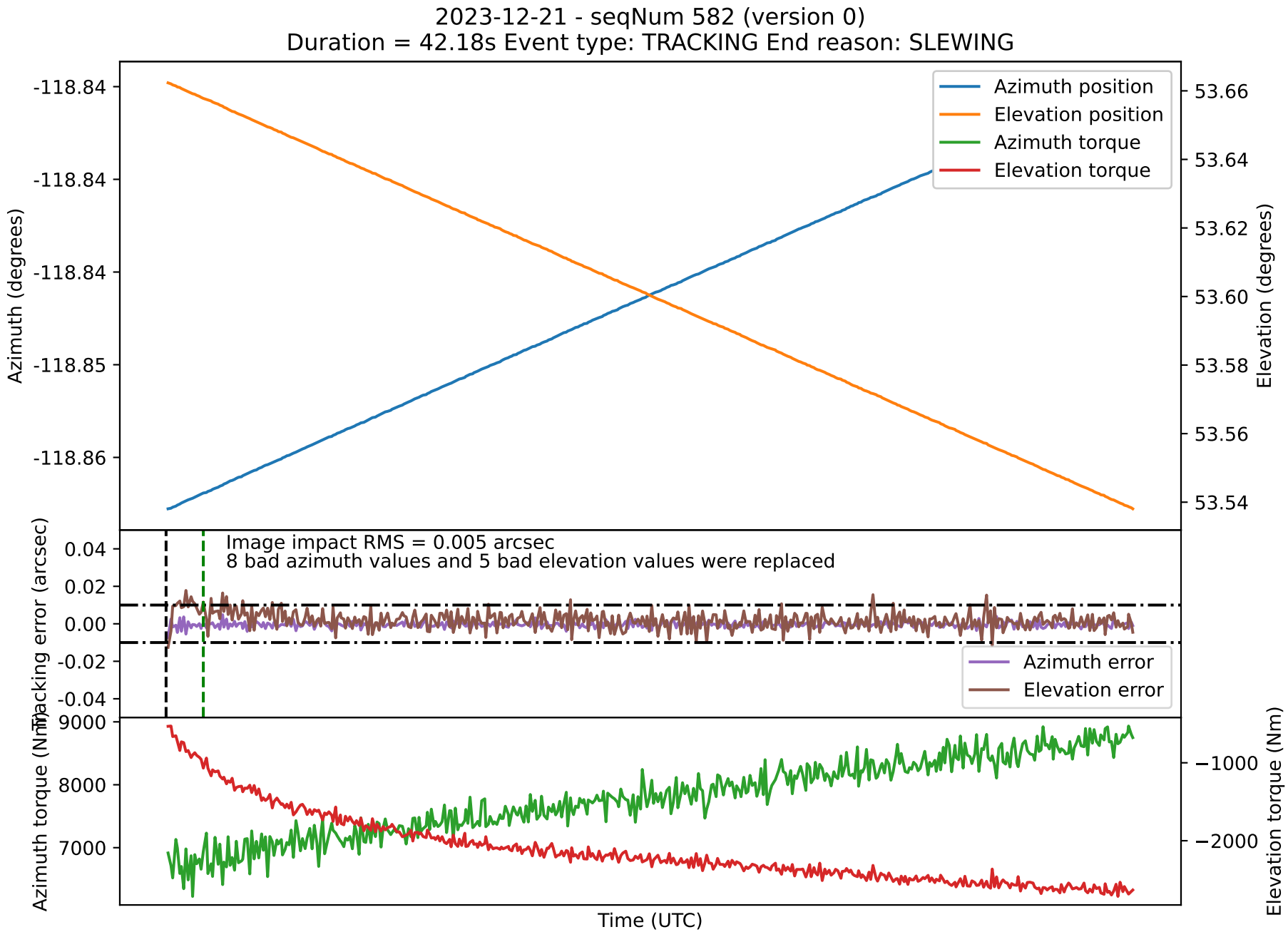

2023-12-21 - seqNum 570 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-50.95
-51.00
-51.05
-51.10
-51.15
60.76
60.74
60.72
60.70
60.68
60.66
Image impact RMS = 0.010 arcsec
9 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−1000
−2000
−3000
Time (UTC)

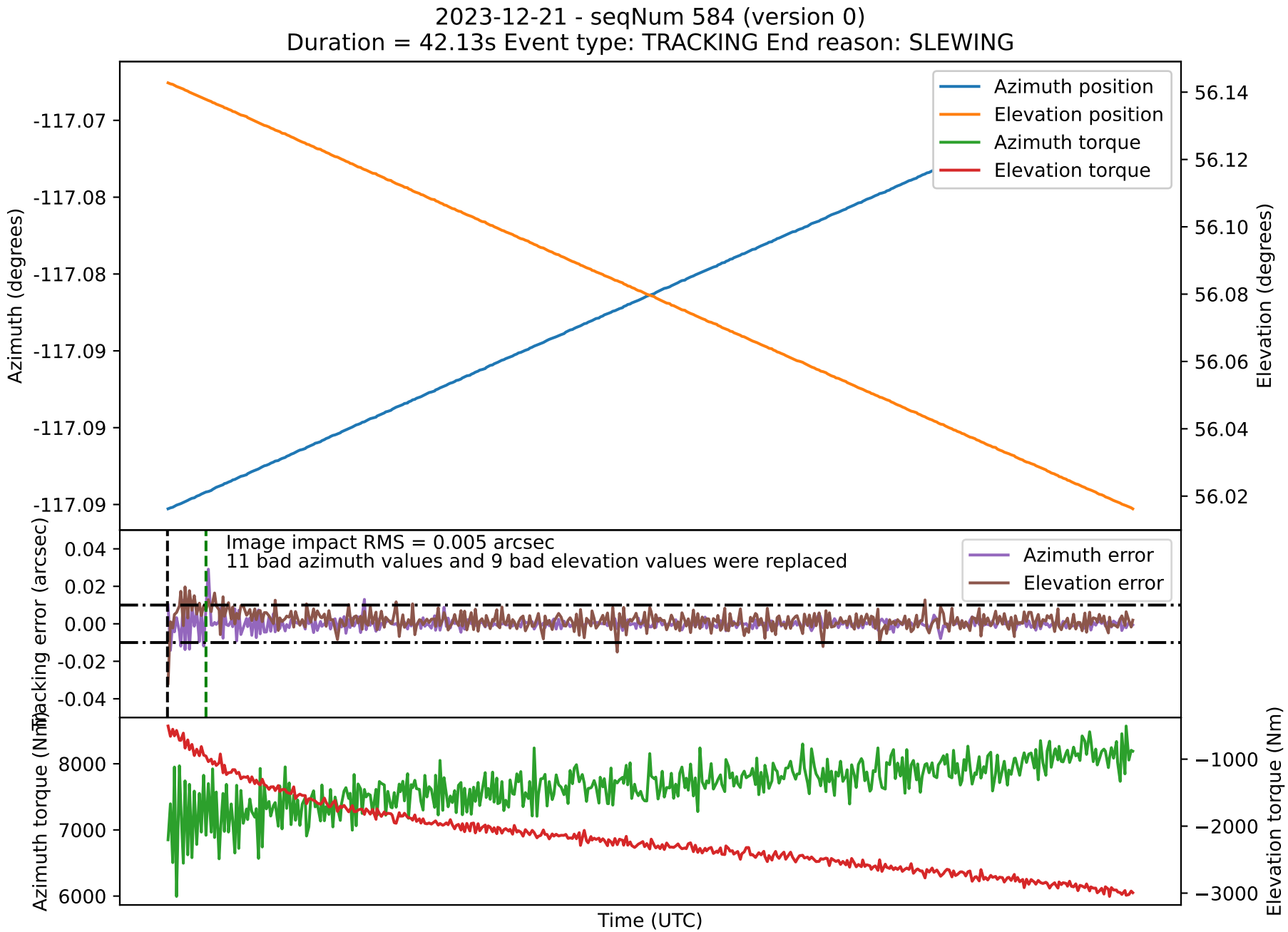

2023-12-21 - seqNum 572 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-56.55
-56.60
-56.65
-56.70
-56.75
62.04
62.02
62.00
61.98
61.96
61.94
61.92
Image impact RMS = 0.006 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−1000
−2000
Time (UTC)

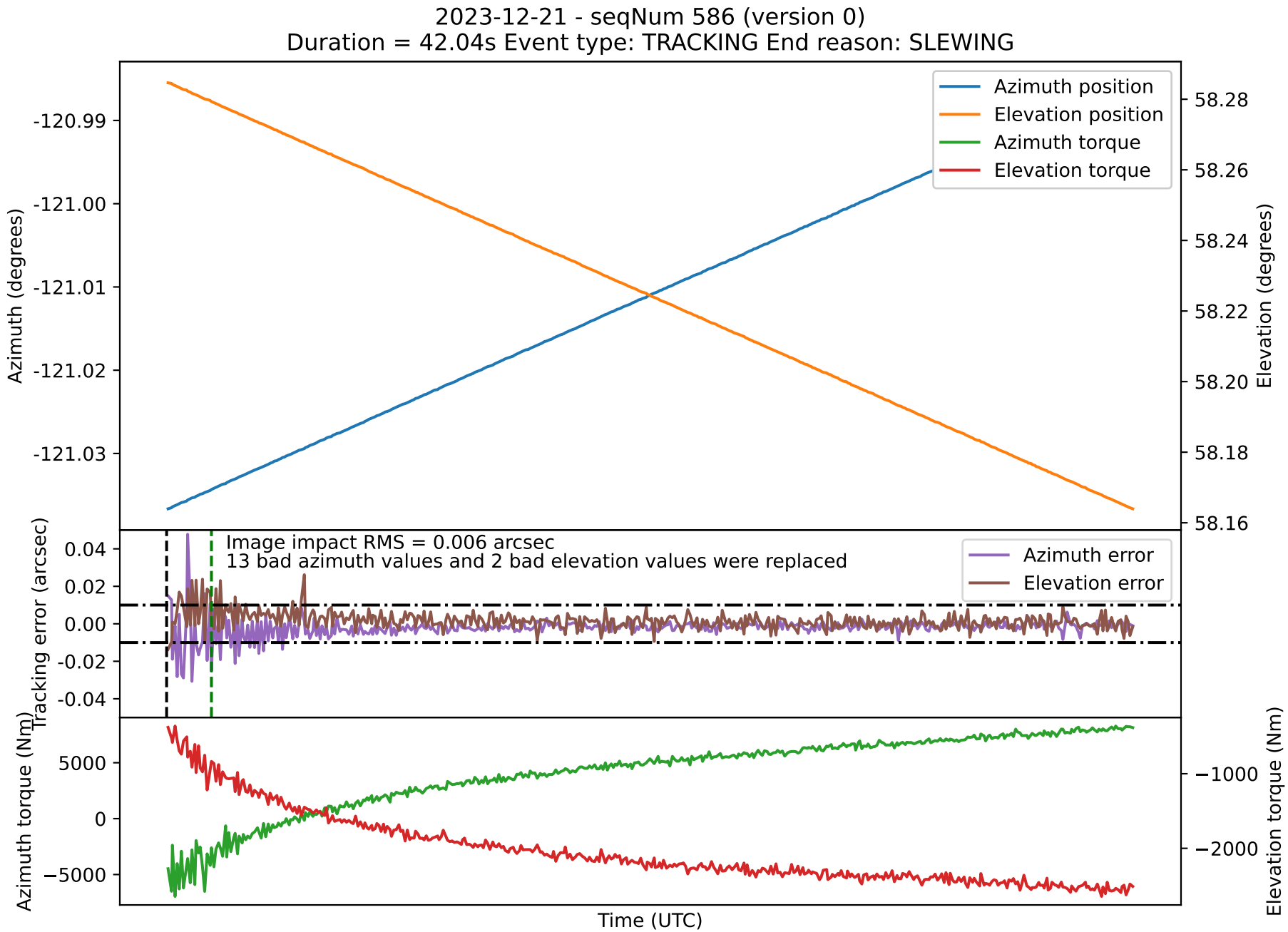

2023-12-21 - seqNum 576 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-134.02
-134.03
-134.04
-134.05
-134.06
-134.07
51.98
51.96
51.94
51.92
51.90
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−2800
−2900
−3000
Time (UTC)

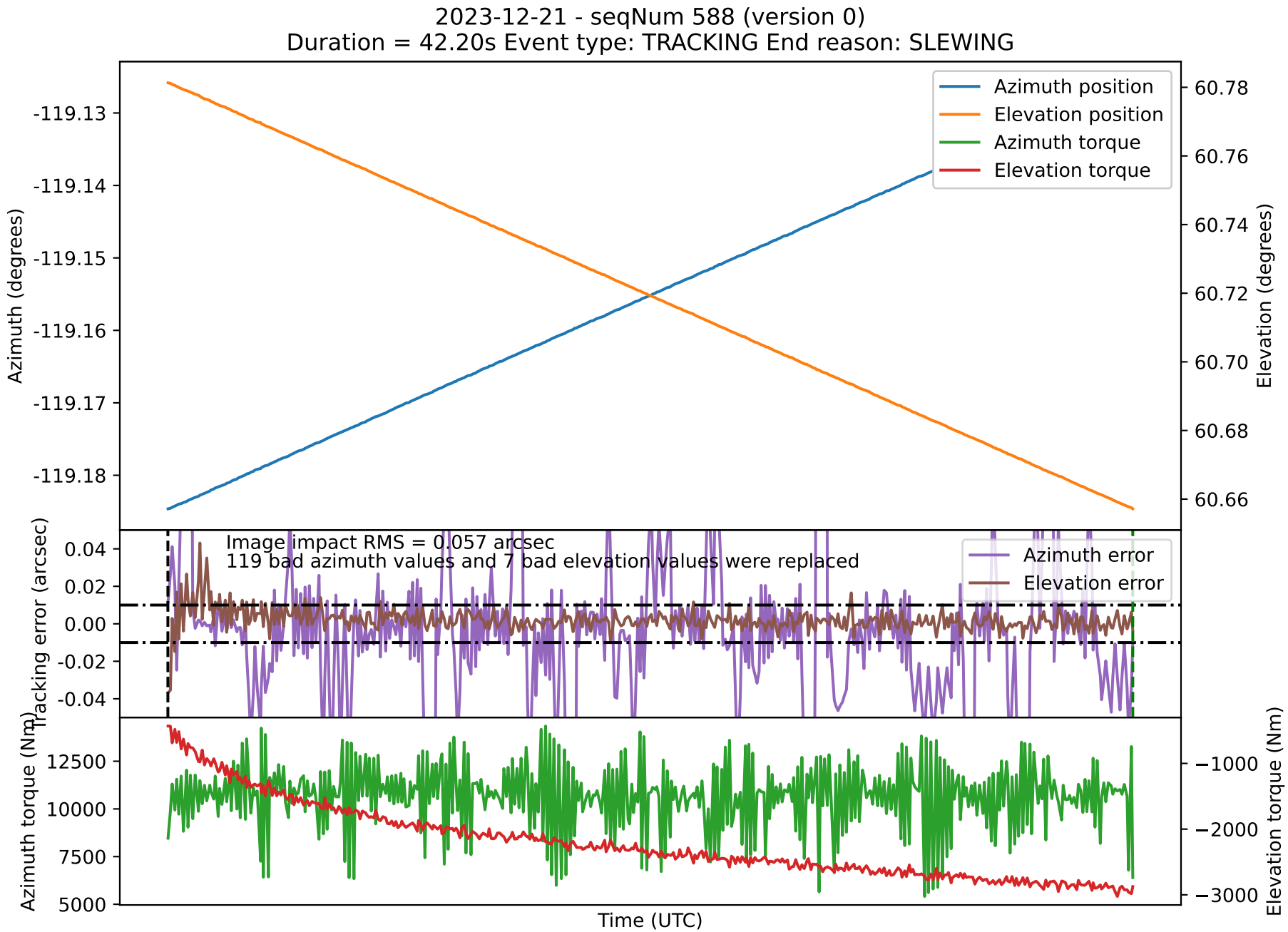

2023-12-21 - seqNum 578 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-129.13
-129.14
-129.15
-129.16
-129.17
52.76
52.74
52.72
52.70
52.68
52.66
Image impact RMS = 0.018 arcsec
22 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
7500
5000
2500
−1000
−1500
−2000
−2500
Time (UTC)

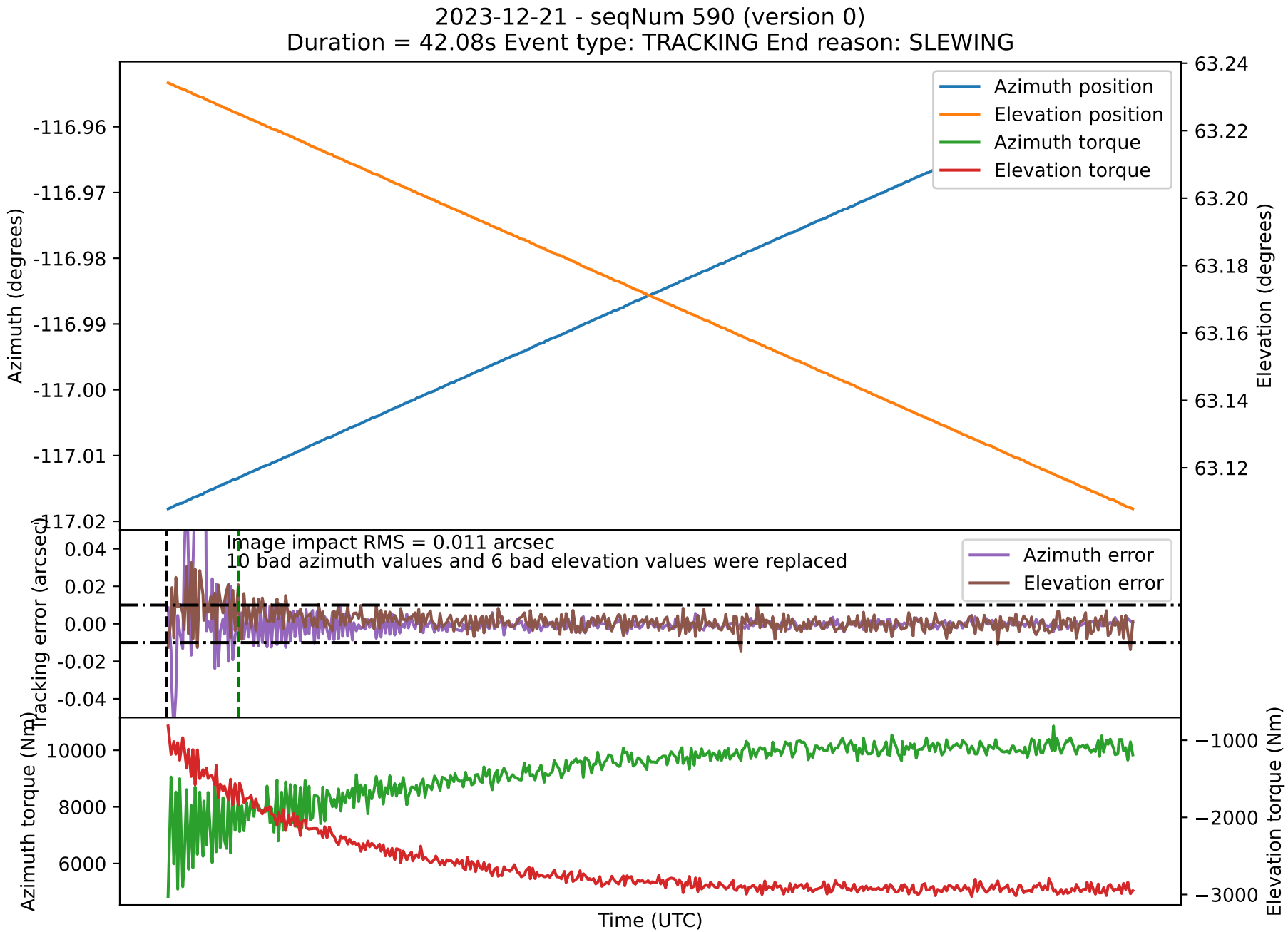

2023-12-21 - seqNum 580 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-120.39
-120.40
-120.40
-120.40
-120.40
-120.41
-120.41
-120.41
51.14
51.12
51.10
51.08
51.06
51.04
51.02
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−2800
−3000
−3200
Time (UTC)

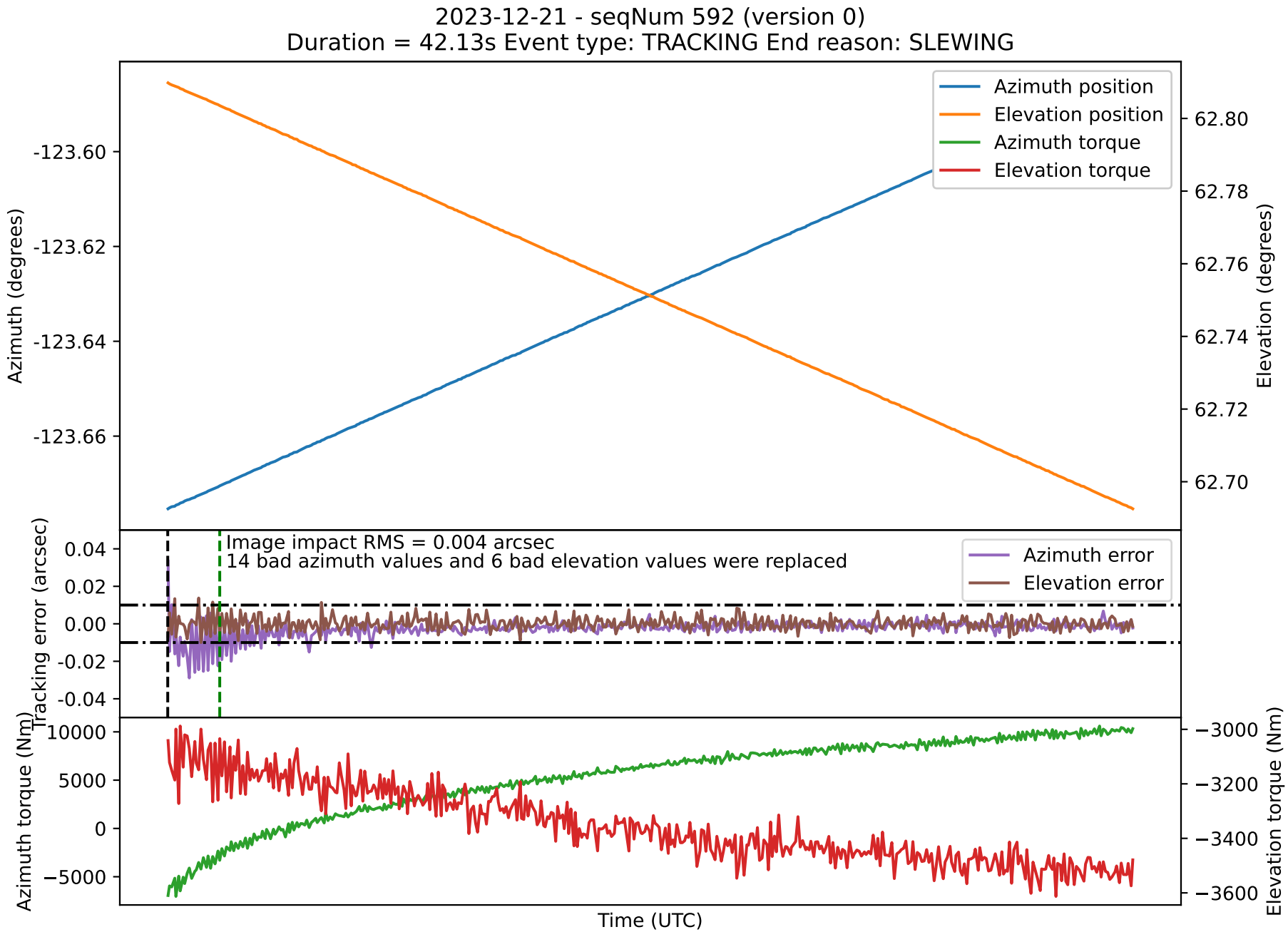

2023-12-21 - seqNum 582 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-118.84
-118.84
-118.84
-118.85
-118.86
53.66
53.64
53.62
53.60
53.58
53.56
53.54
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
9000
8000
7000
−1000
−2000
Time (UTC)

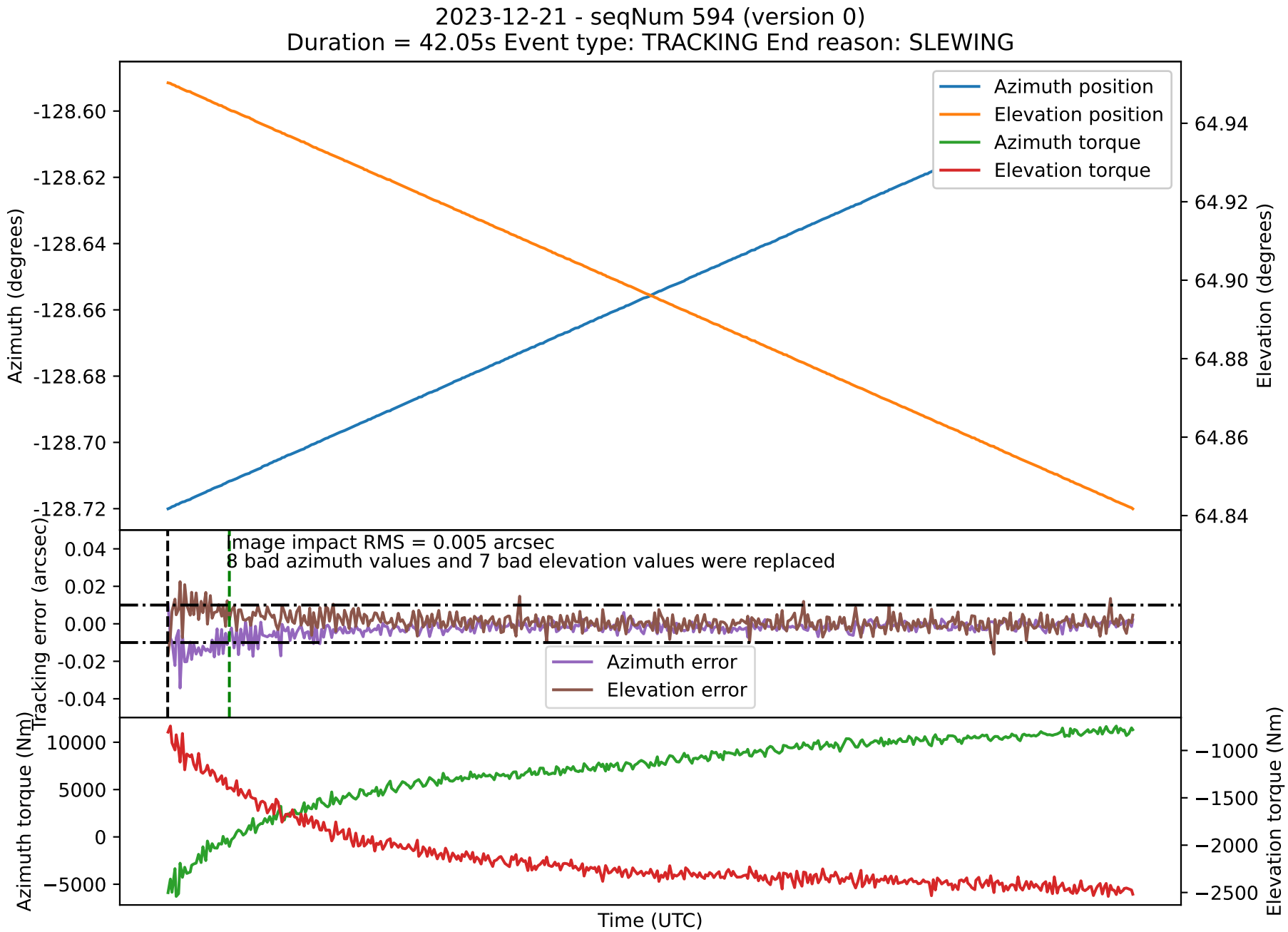

2023-12-21 - seqNum 584 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-117.07
-117.08
-117.08
-117.09
-117.09
-117.09
56.14
56.12
56.10
56.08
56.06
56.04
56.02
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
7000
6000
−1000
−2000
−3000
Time (UTC)

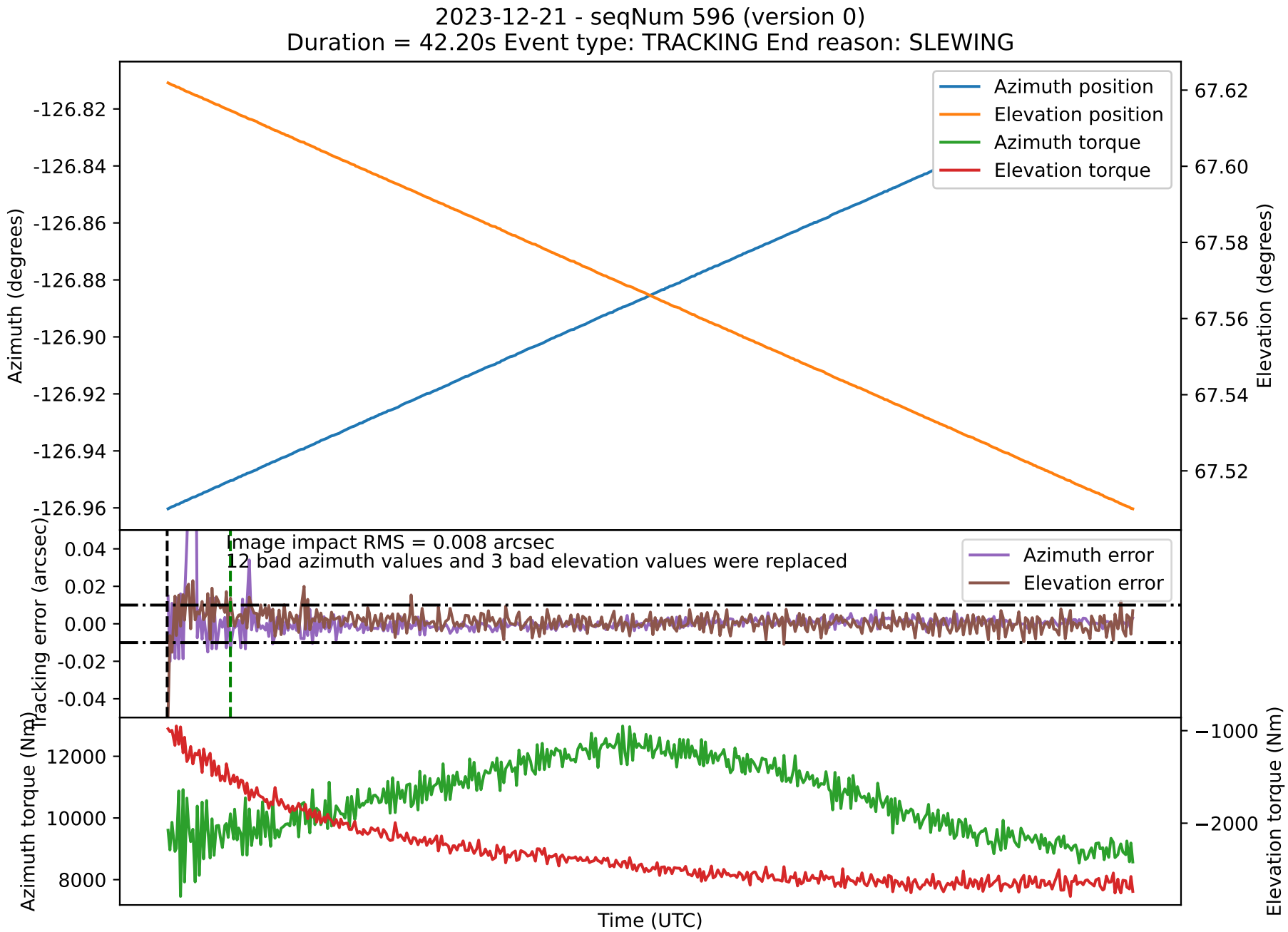

2023-12-21 - seqNum 586 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-120.99
-121.00
-121.01
-121.02
-121.03
58.28
58.26
58.24
58.22
58.20
58.18
58.16
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−5000
−1000
−2000
Time (UTC)

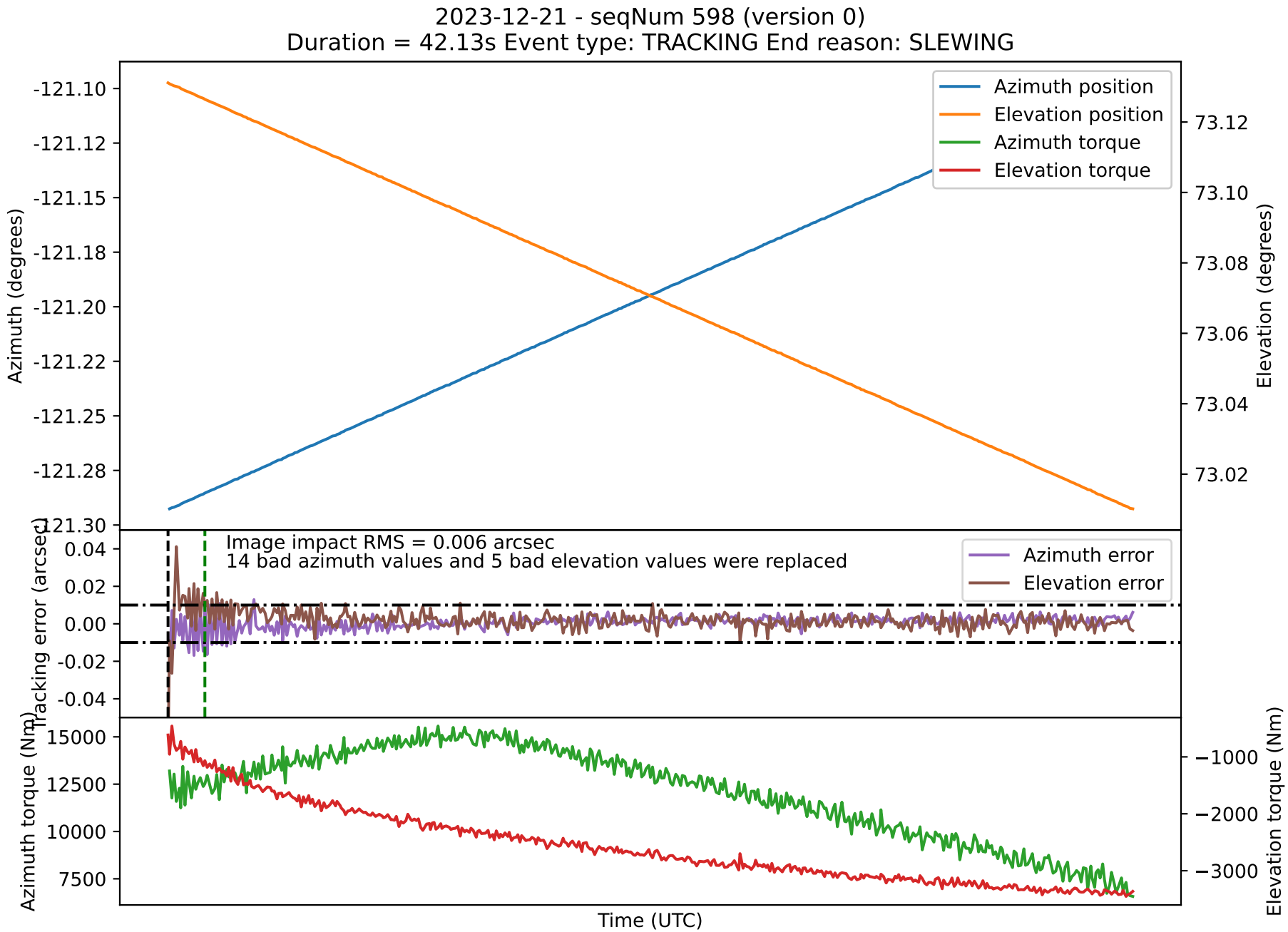

2023-12-21 - seqNum 588 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-119.13
-119.14
-119.15
-119.16
-119.17
-119.18
60.78
60.76
60.74
60.72
60.70
60.68
60.66
Image impact RMS = 0.057 arcsec
119 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12500
10000
7500
5000
−1000
−2000
−3000
Time (UTC)

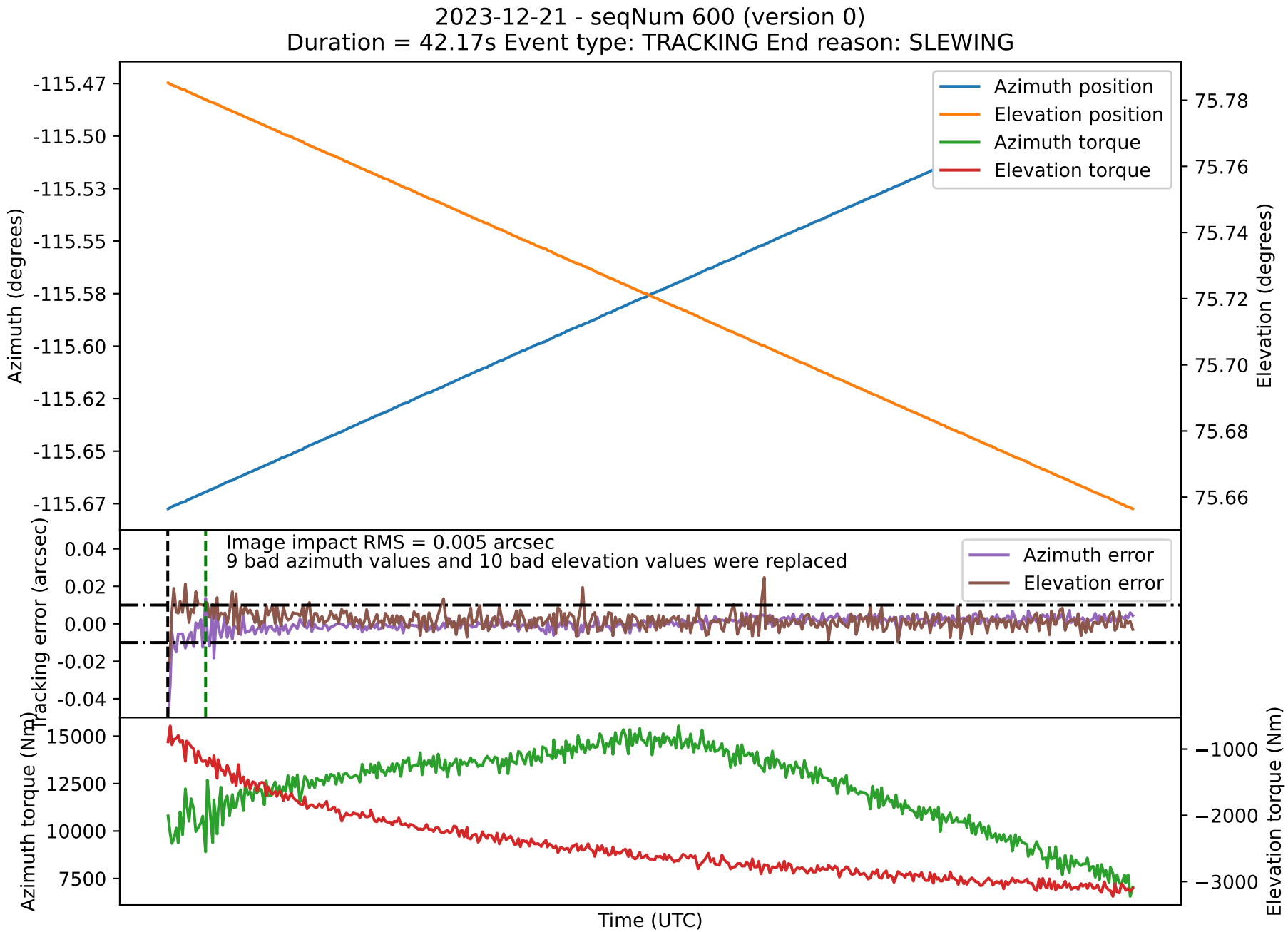

2023-12-21 - seqNum 590 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-116.96
-116.97
-116.98
-116.99
-117.00
-117.01
-117.02
63.24
63.22
63.20
63.18
63.16
63.14
63.12
Image impact RMS = 0.011 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−1000
−2000
−3000
Time (UTC)

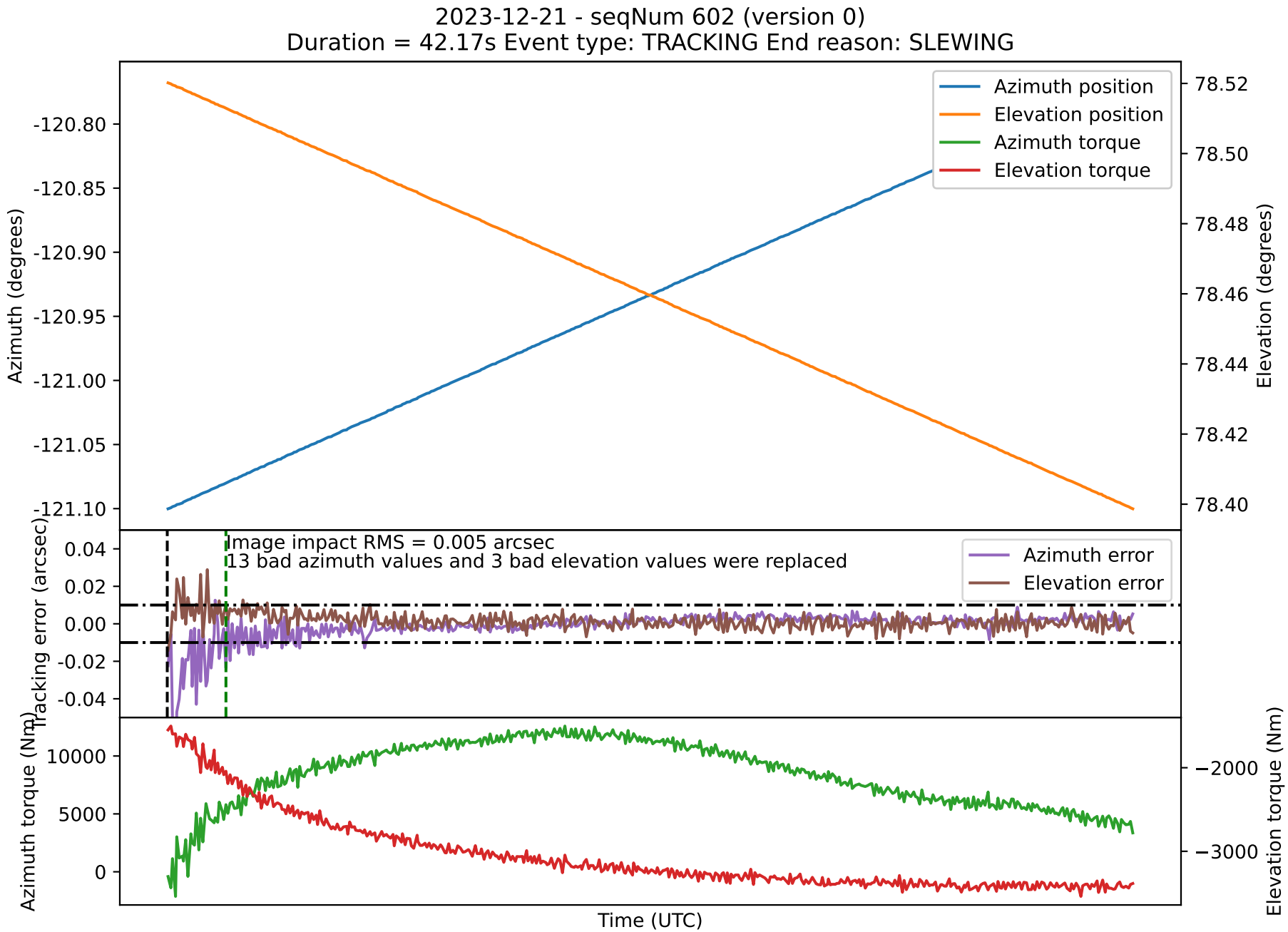

2023-12-21 - seqNum 592 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-123.60
-123.62
-123.64
-123.66
62.80
62.78
62.76
62.74
62.72
62.70
Image impact RMS = 0.004 arcsec
14 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−3000
−3200
−3400
−3600
Time (UTC)

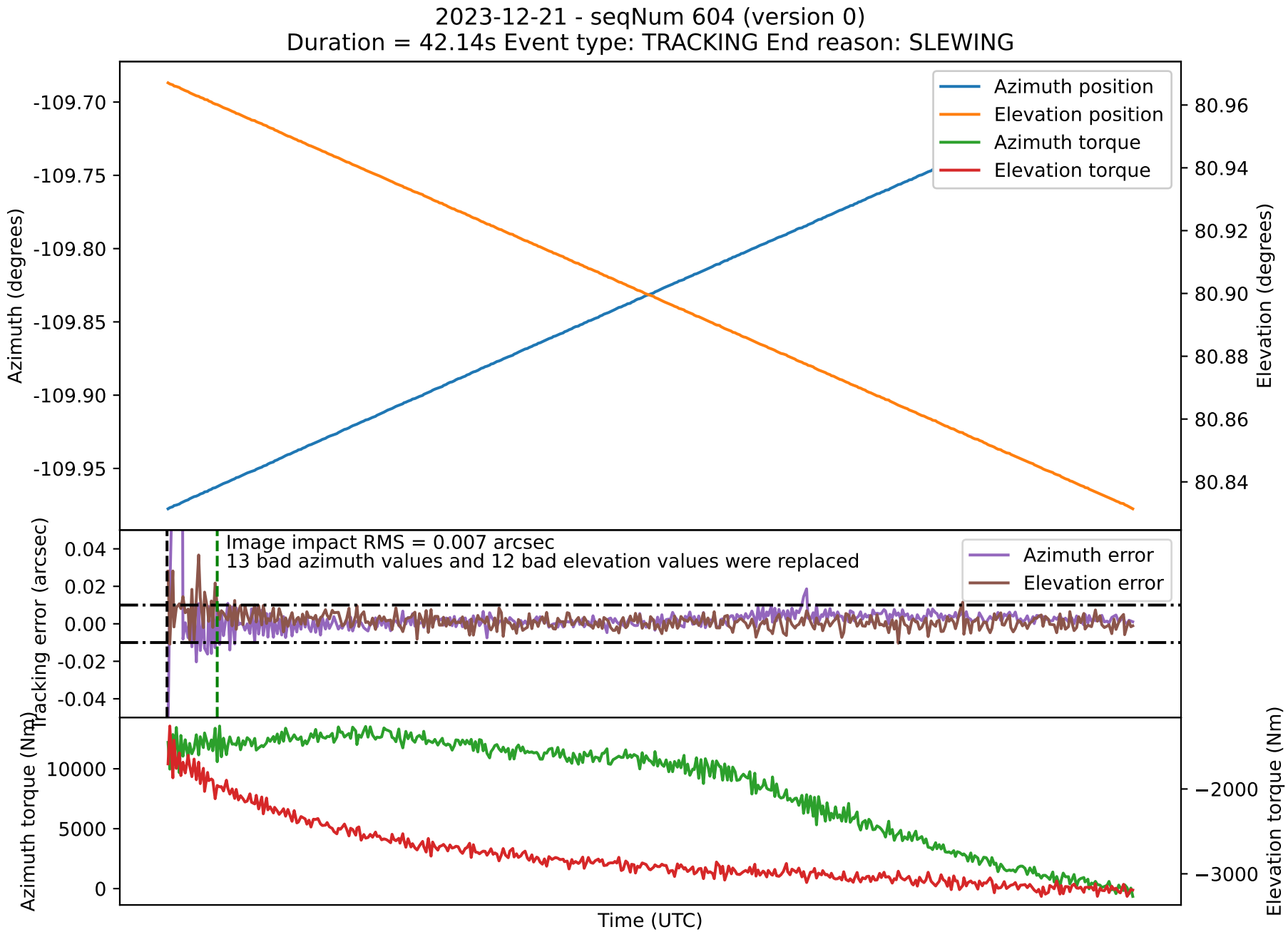

2023-12-21 - seqNum 594 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-128.60
-128.62
-128.64
-128.66
-128.68
-128.70
-128.72
64.94
64.92
64.90
64.88
64.86
64.84
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−1000
−1500
−2000
−2500
Time (UTC)

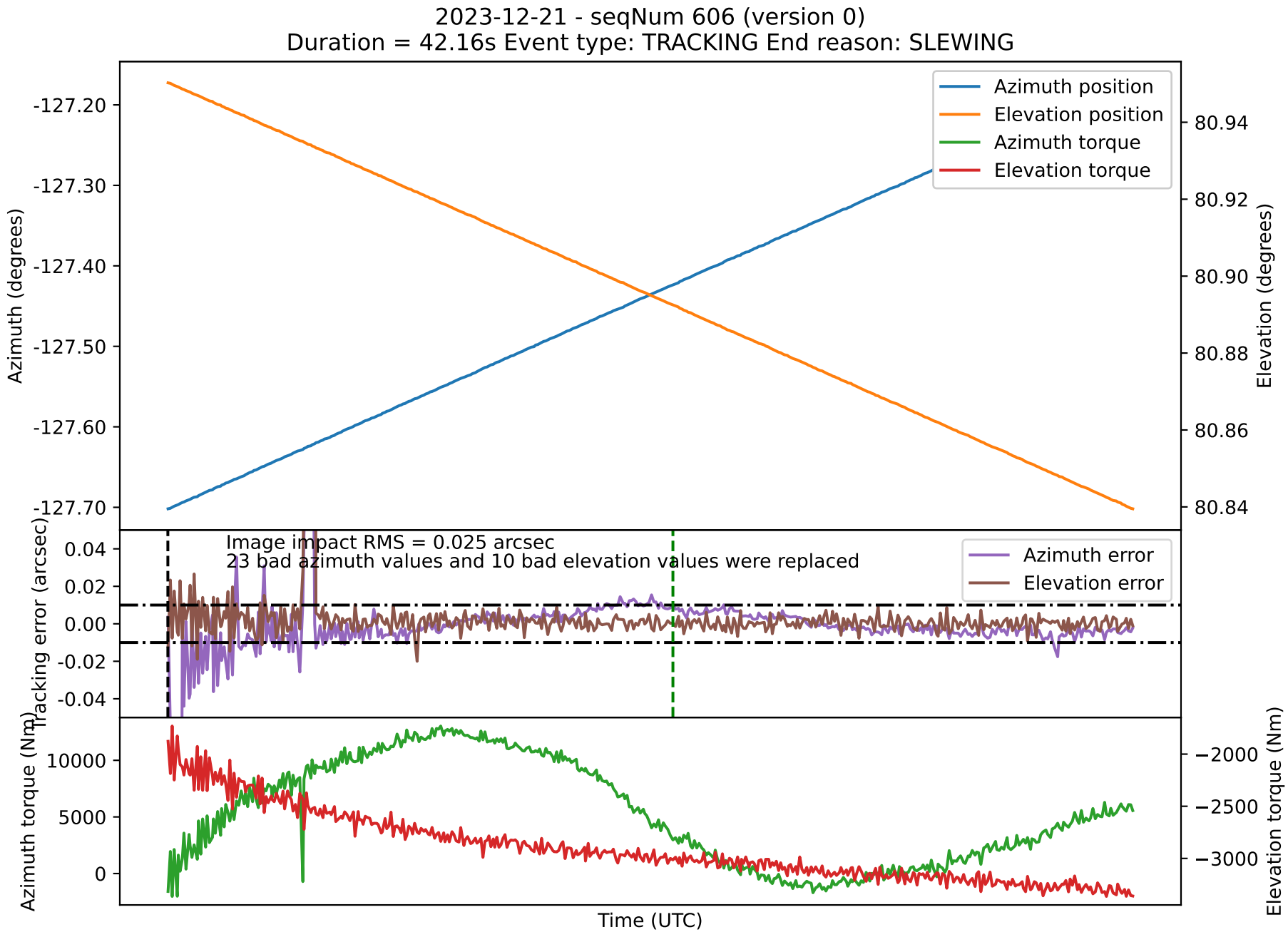

2023-12-21 - seqNum 596 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-126.82
-126.84
-126.86
-126.88
-126.90
-126.92
-126.94
-126.96
67.62
67.60
67.58
67.56
67.54
67.52
Image impact RMS = 0.008 arcsec
12 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
8000
−1000
−2000
Time (UTC)

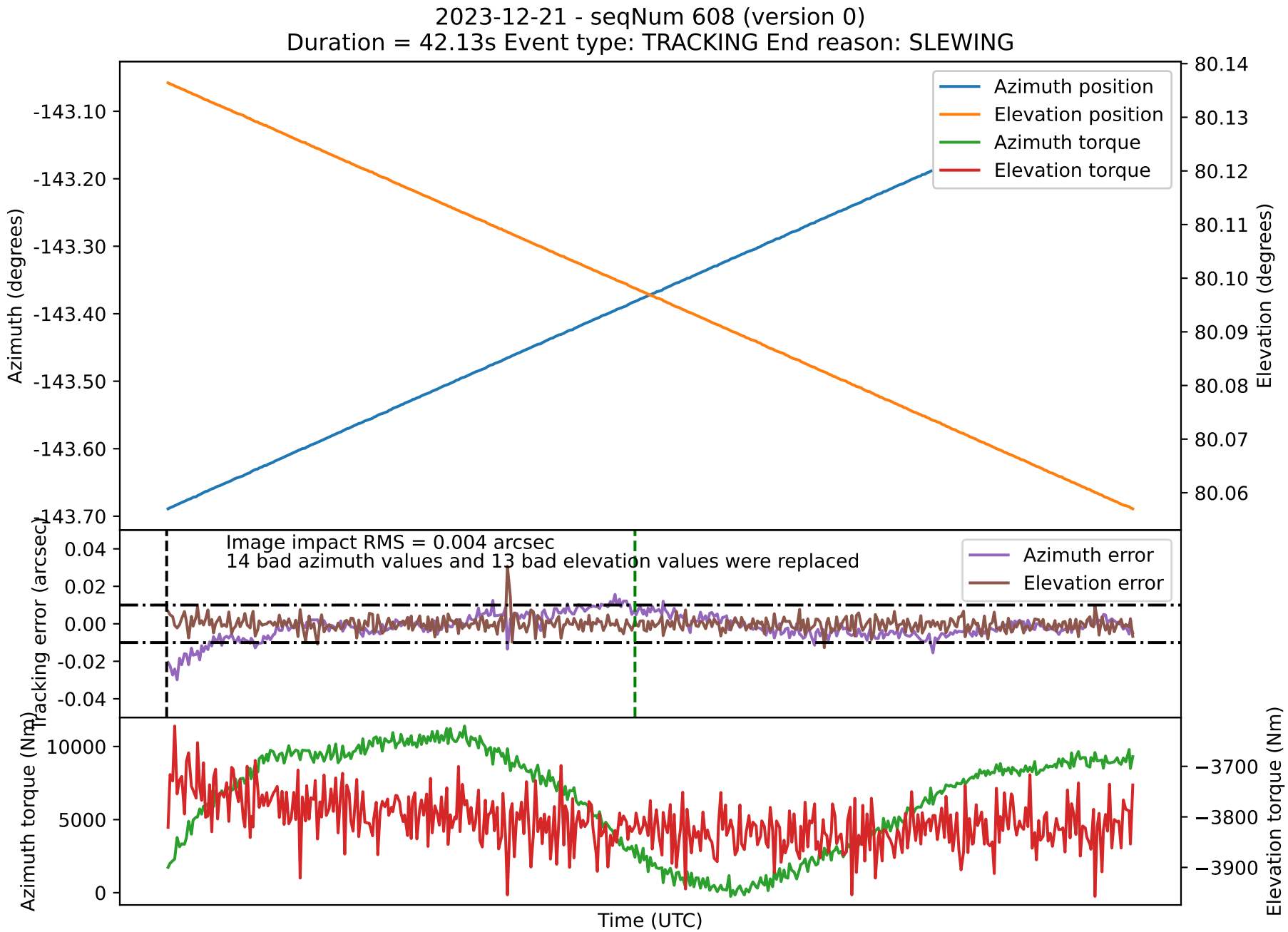

2023-12-21 - seqNum 598 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-121.10
-121.12
-121.15
-121.18
-121.20
-121.22
-121.25
-121.28
-121.30
73.12
73.10
73.08
73.06
73.04
73.02
Image impact RMS = 0.006 arcsec
14 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
12500
10000
7500
−1000
−2000
−3000
Time (UTC)

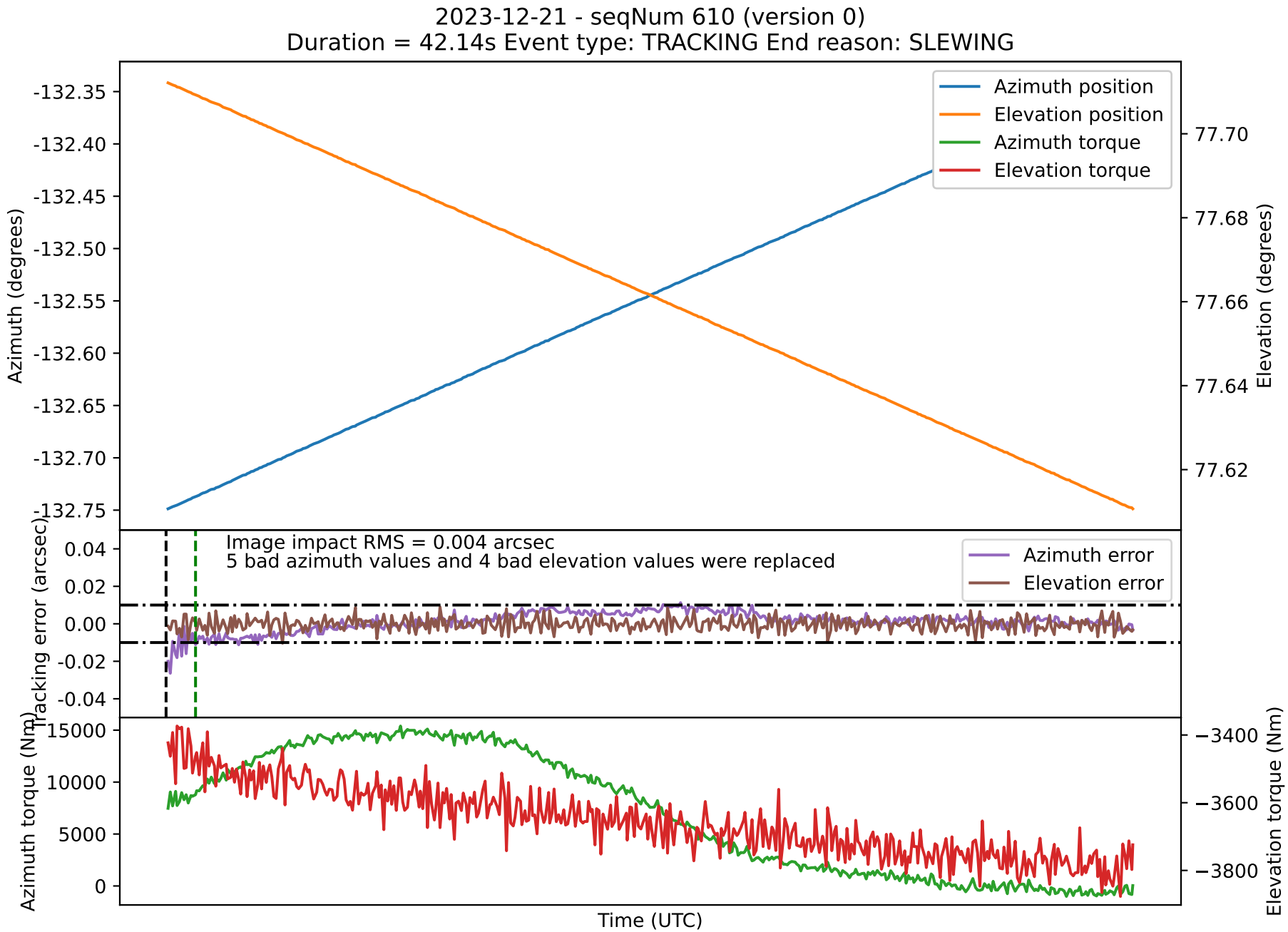

2023-12-21 - seqNum 600 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-115.47
-115.50
-115.53
-115.55
-115.58
-115.60
-115.62
-115.65
-115.67
75.78
75.76
75.74
75.72
75.70
75.68
75.66
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
12500
10000
7500
−1000
−2000
−3000
Time (UTC)

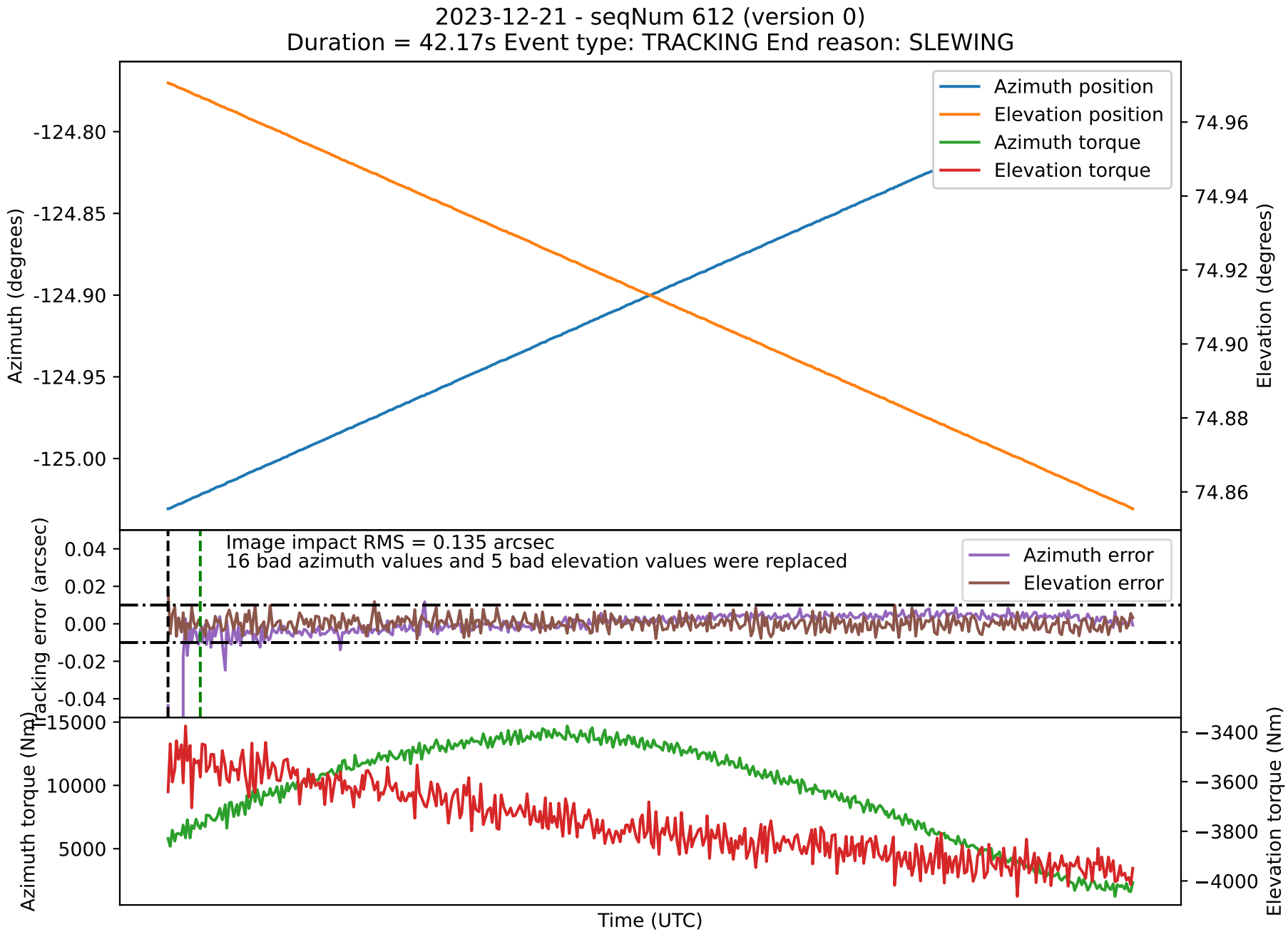

2023-12-21 - seqNum 602 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-120.80
-120.85
-120.90
-120.95
-121.00
-121.05
-121.10
78.52
78.50
78.48
78.46
78.44
78.42
78.40
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−2000
−3000
Time (UTC)

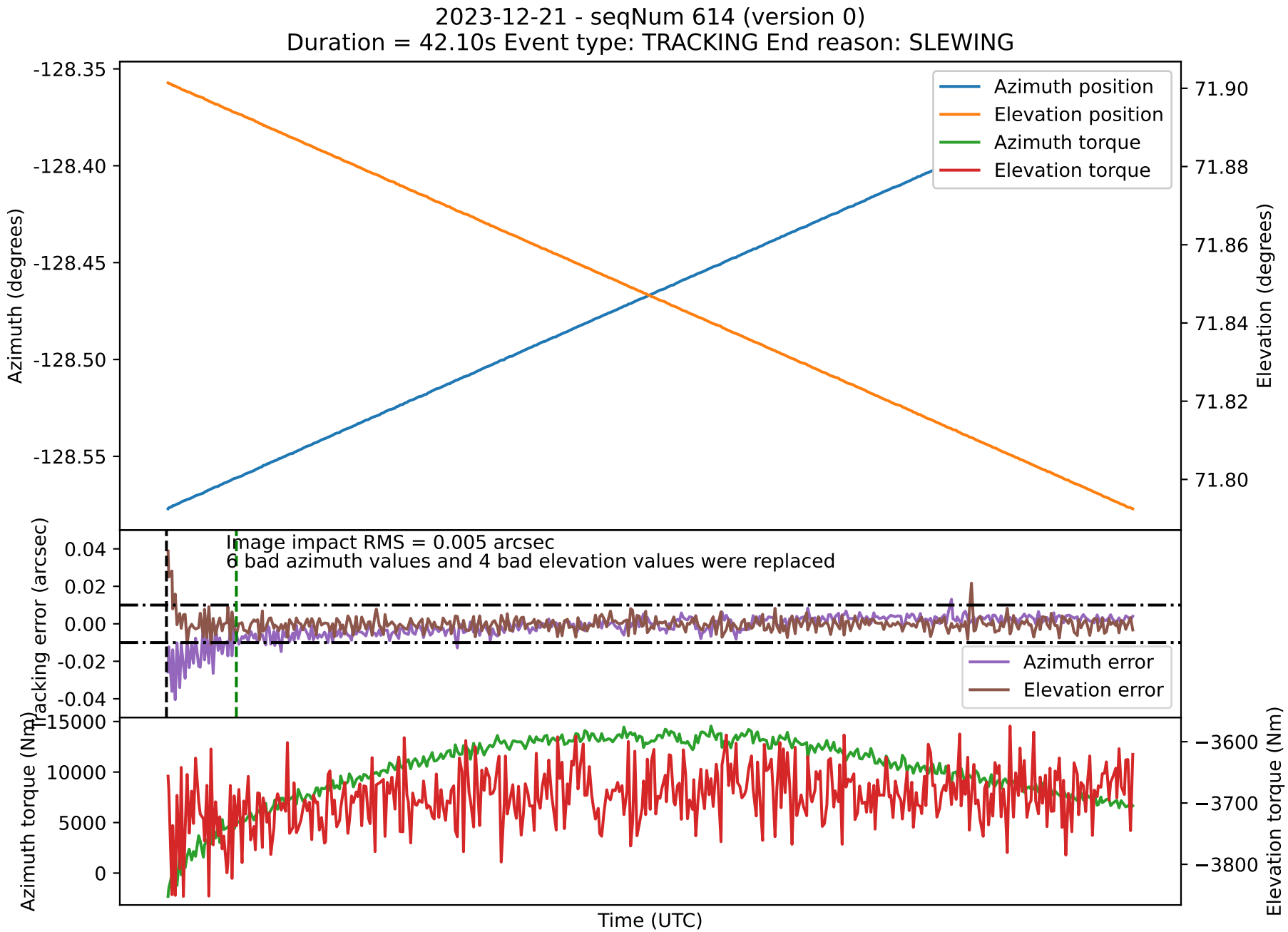

2023-12-21 - seqNum 604 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-109.70
-109.75
-109.80
-109.85
-109.90
-109.95
80.96
80.94
80.92
80.90
80.88
80.86
80.84
Image impact RMS = 0.007 arcsec
13 bad azimuth values and 12 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−2000
−3000
Time (UTC)

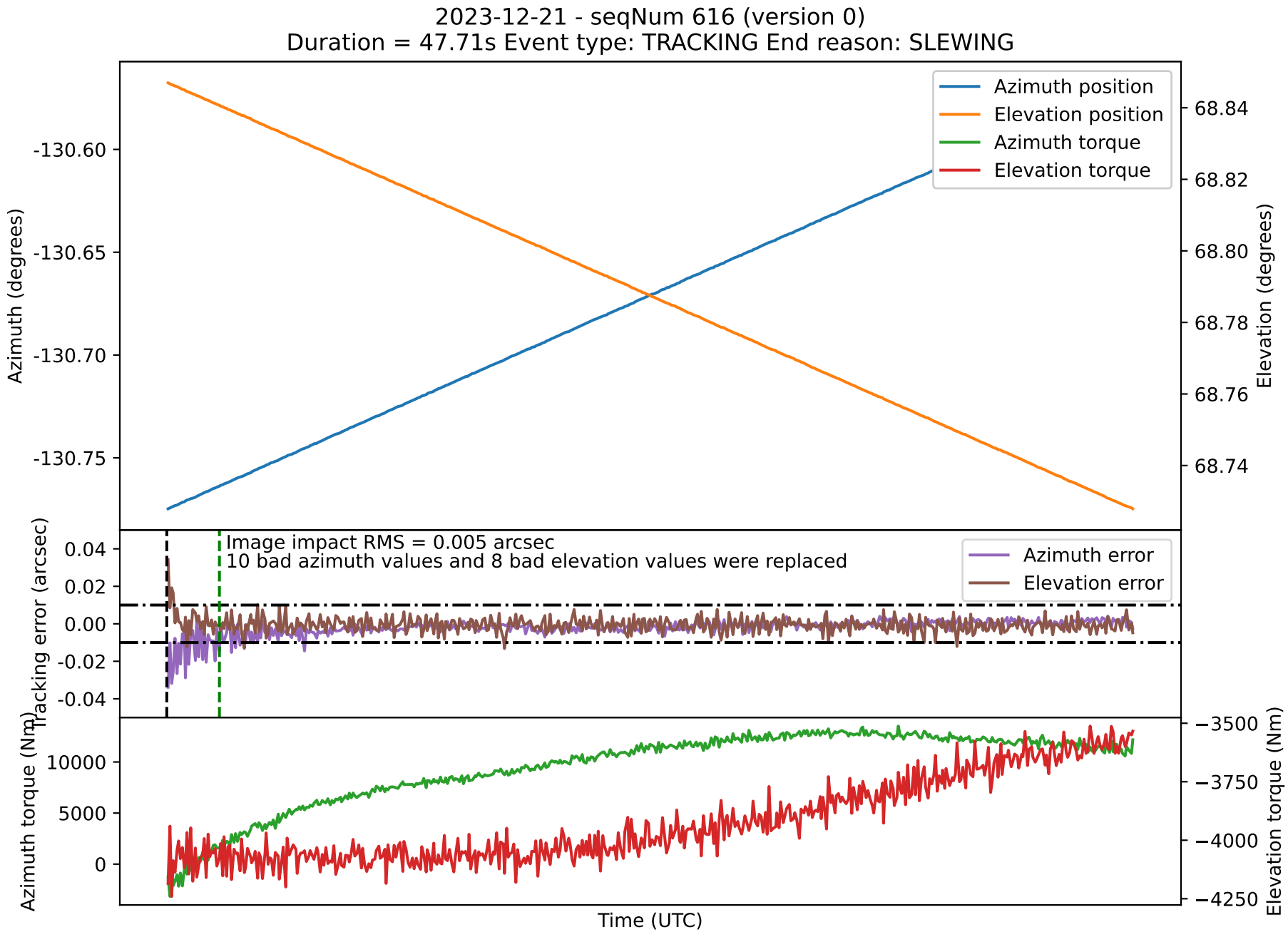

2023-12-21 - seqNum 606 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-127.20
-127.30
-127.40
-127.50
-127.60
-127.70
80.94
80.92
80.90
80.88
80.86
80.84
Image impact RMS = 0.025 arcsec
23 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−2000
−2500
−3000
Time (UTC)

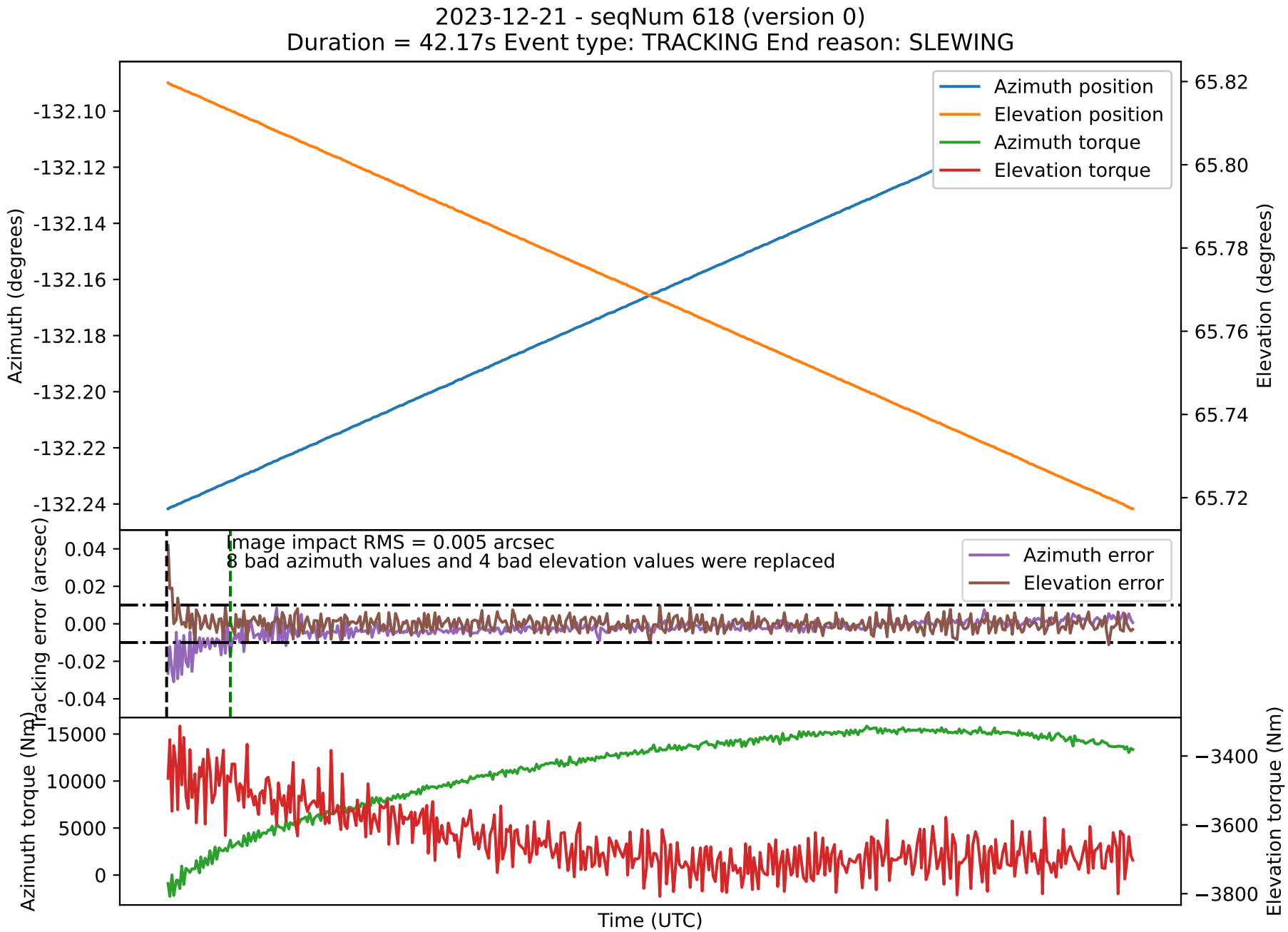

2023-12-21 - seqNum 608 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-143.10
-143.20
-143.30
-143.40
-143.50
-143.60
-143.70
80.14
80.13
80.12
80.11
80.10
80.09
80.08
80.07
80.06
Image impact RMS = 0.004 arcsec
14 bad azimuth values and 13 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−3700
−3800
−3900
Time (UTC)

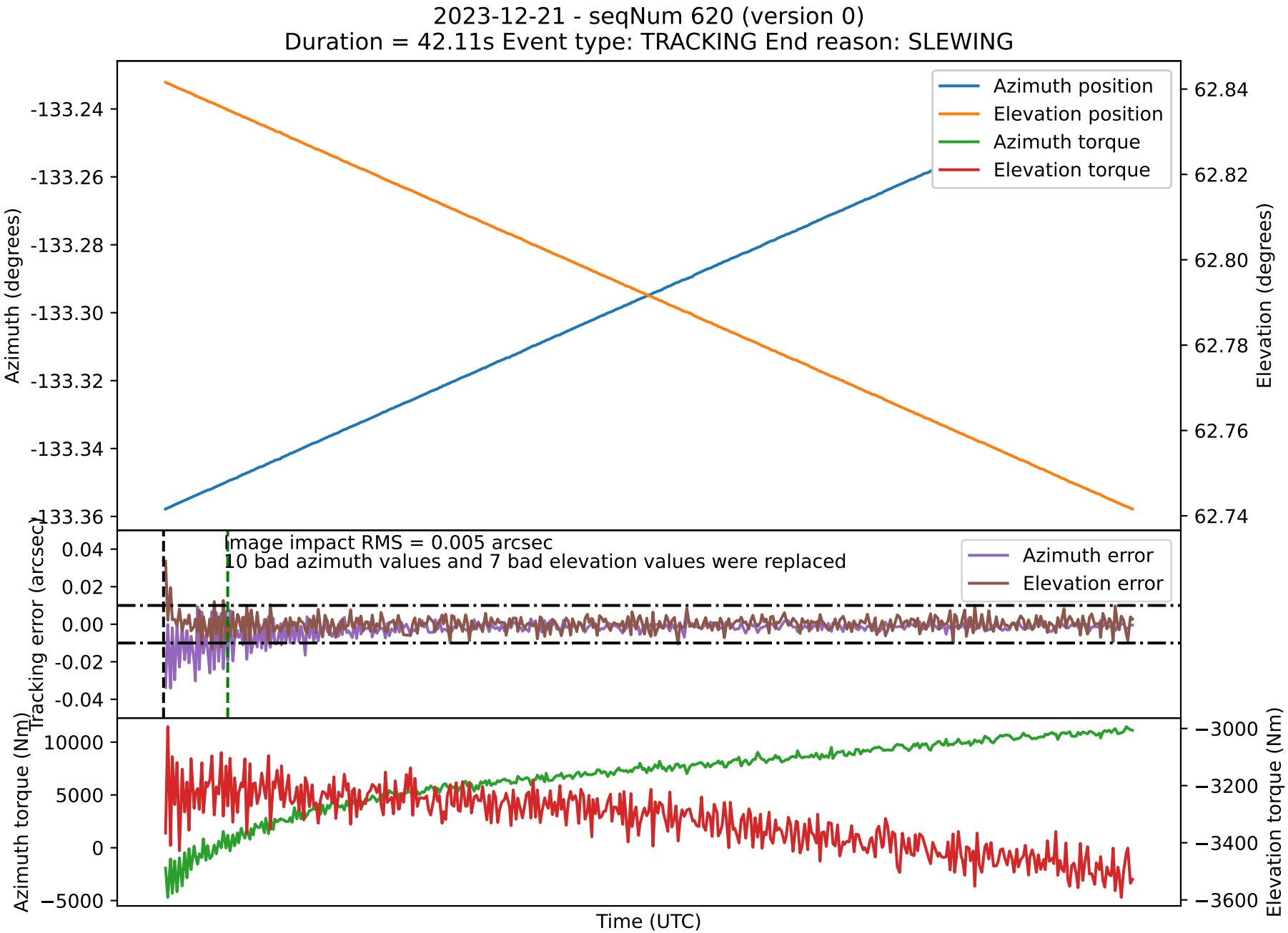

2023-12-21 - seqNum 610 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-132.35
-132.40
-132.45
-132.50
-132.55
-132.60
-132.65
-132.70
-132.75
77.70
77.68
77.66
77.64
77.62
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
10000
5000
0
−3400
−3600
−3800
Time (UTC)

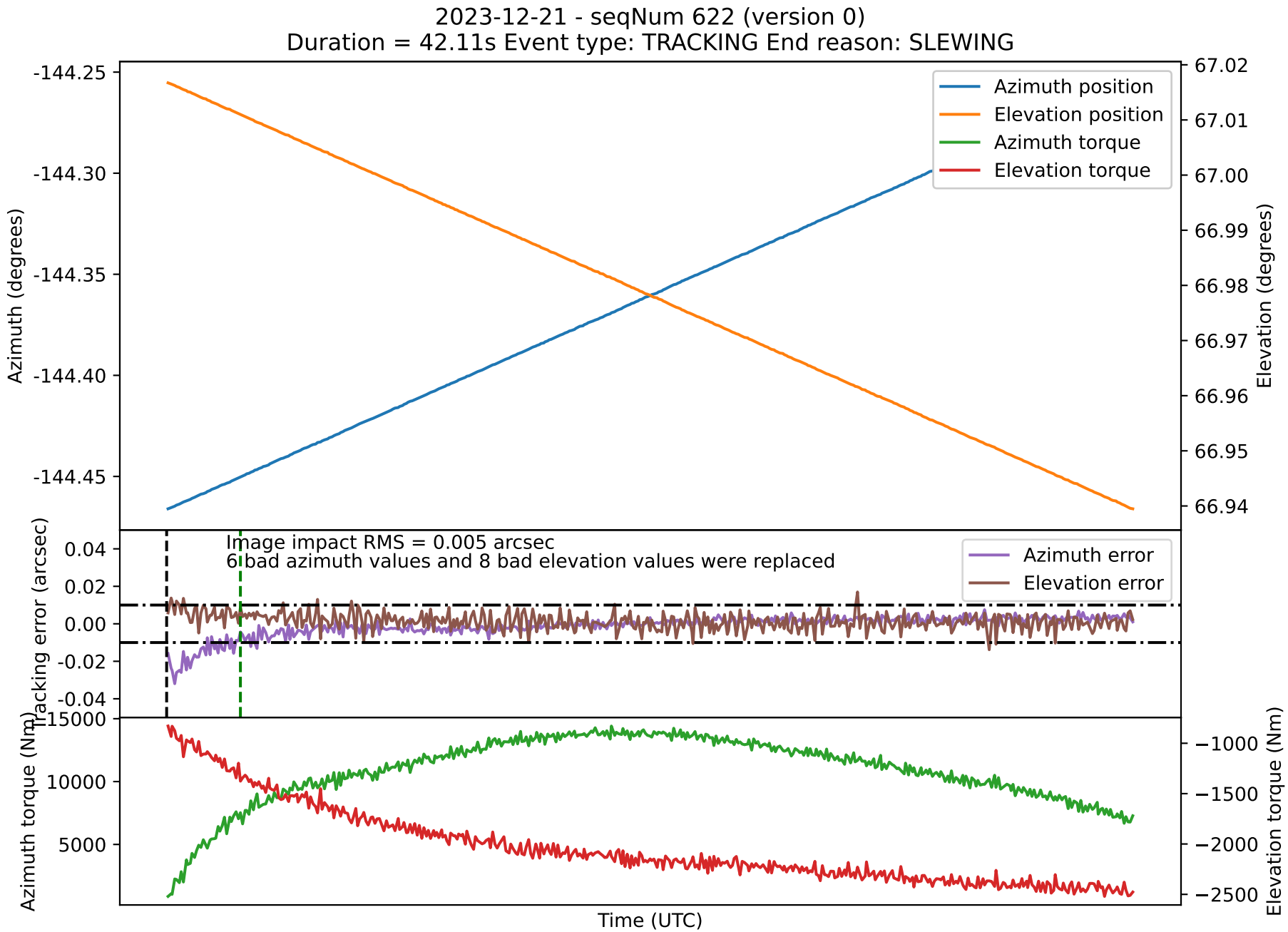

2023-12-21 - seqNum 612 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-124.80
-124.85
-124.90
-124.95
-125.00
74.96
74.94
74.92
74.90
74.88
74.86
Image impact RMS = 0.135 arcsec
16 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
10000
5000
−3400
−3600
−3800
−4000
Time (UTC)

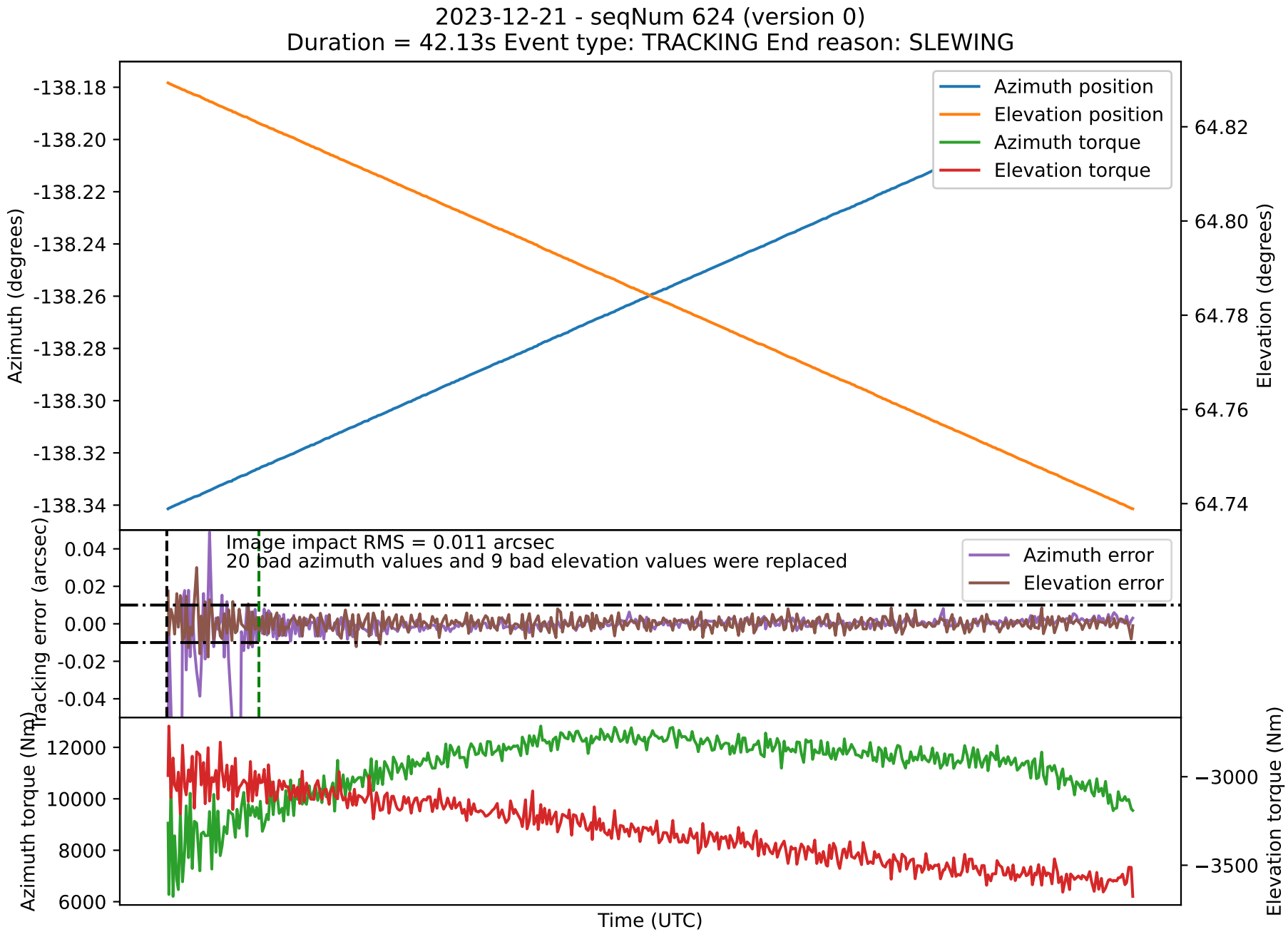

2023-12-21 - seqNum 614 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-128.35
-128.40
-128.45
-128.50
-128.55
71.90
71.88
71.86
71.84
71.82
71.80
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
15000
10000
5000
0
−3600
−3700
−3800
Time (UTC)

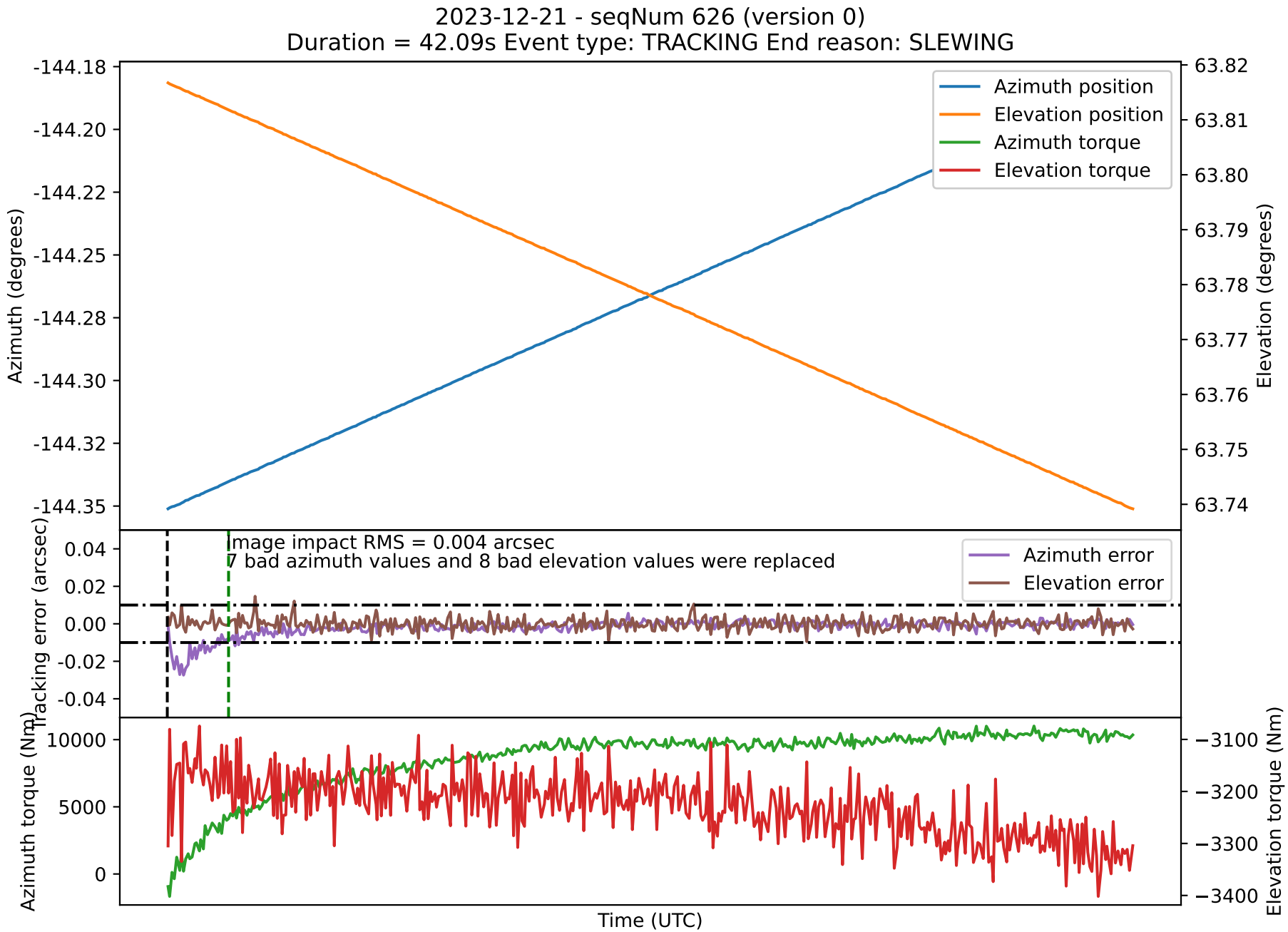

2023-12-21 - seqNum 616 (version 0)
Duration = 47.71s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-130.60
-130.65
-130.70
-130.75
68.84
68.82
68.80
68.78
68.76
68.74
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−3500
−3750
−4000
−4250
Time (UTC)

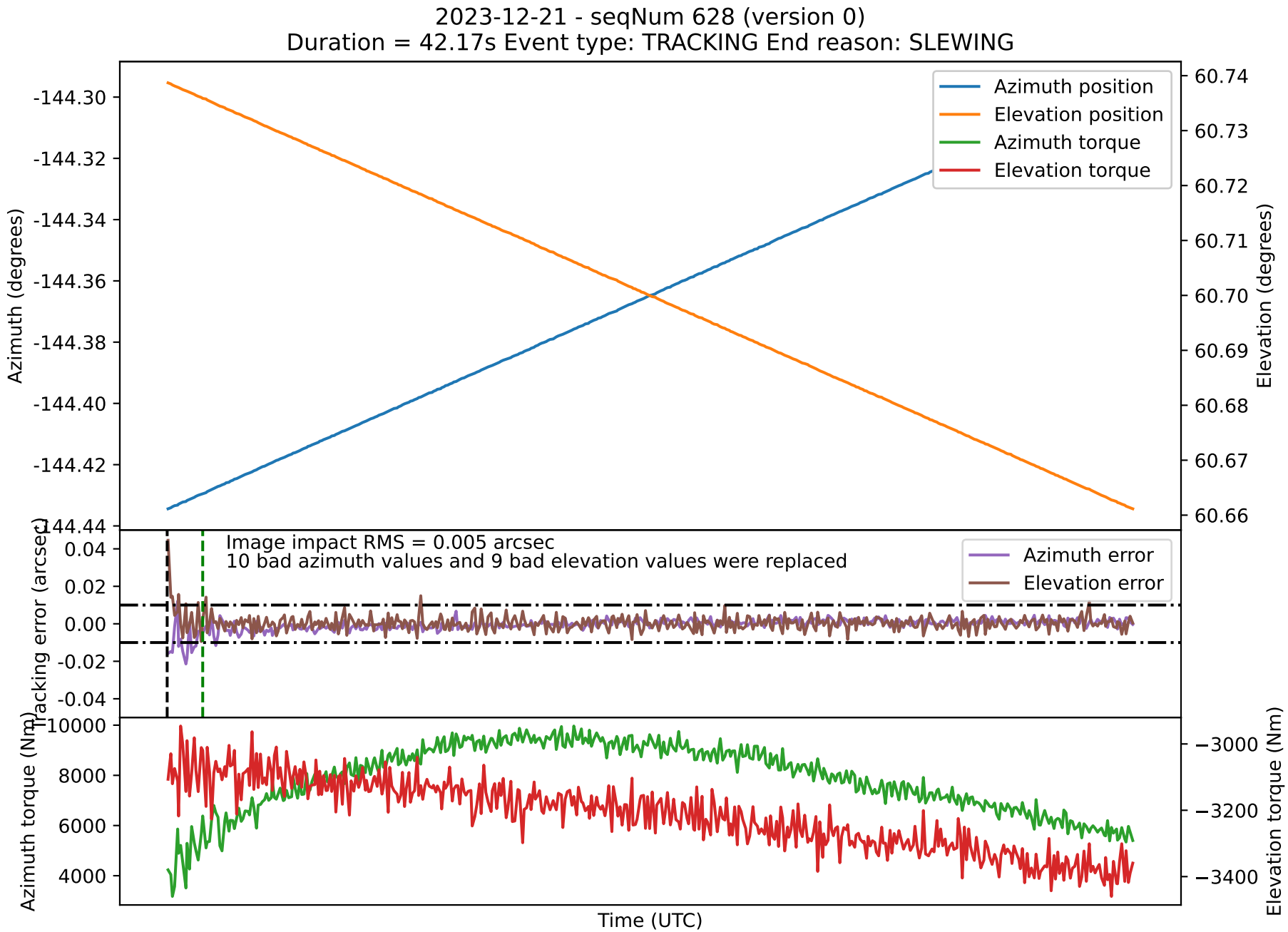

2023-12-21 - seqNum 618 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-132.10
-132.12
-132.14
-132.16
-132.18
-132.20
-132.22
-132.24
65.82
65.80
65.78
65.76
65.74
65.72
image impact RMS = 0.005 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
10000
5000
0
−3400
−3600
−3800
Time (UTC)

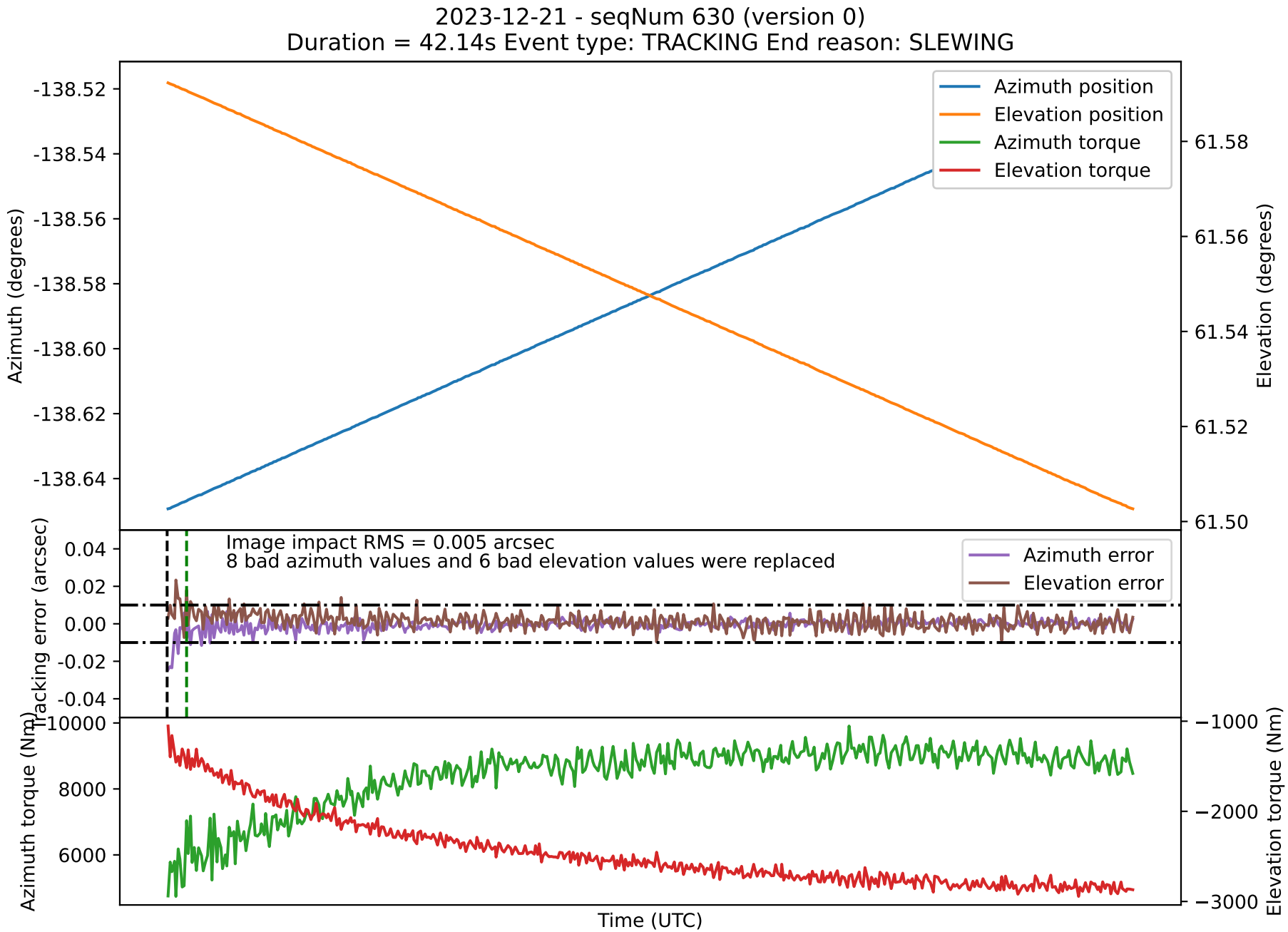

2023-12-21 - seqNum 620 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-133.24
-133.26
-133.28
-133.30
-133.32
-133.34
-133.36
62.84
62.82
62.80
62.78
62.76
62.74
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−5000
−3000
−3200
−3400
−3600
Time (UTC)

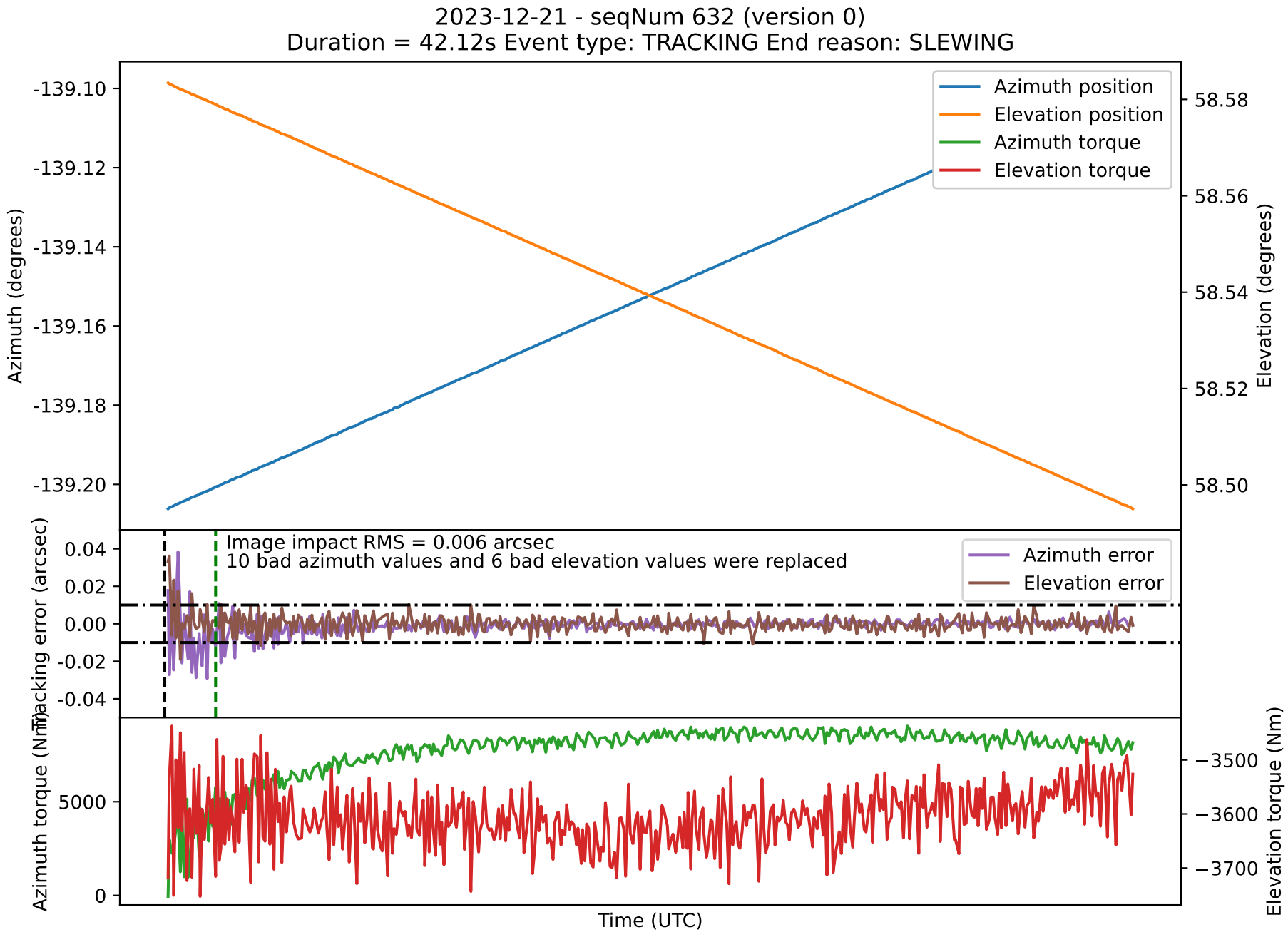

2023-12-21 - seqNum 622 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-144.25
-144.30
-144.35
-144.40
-144.45
67.02
67.01
67.00
66.99
66.98
66.97
66.96
66.95
66.94
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
15000
10000
5000
−1000
−1500
−2000
−2500
Time (UTC)

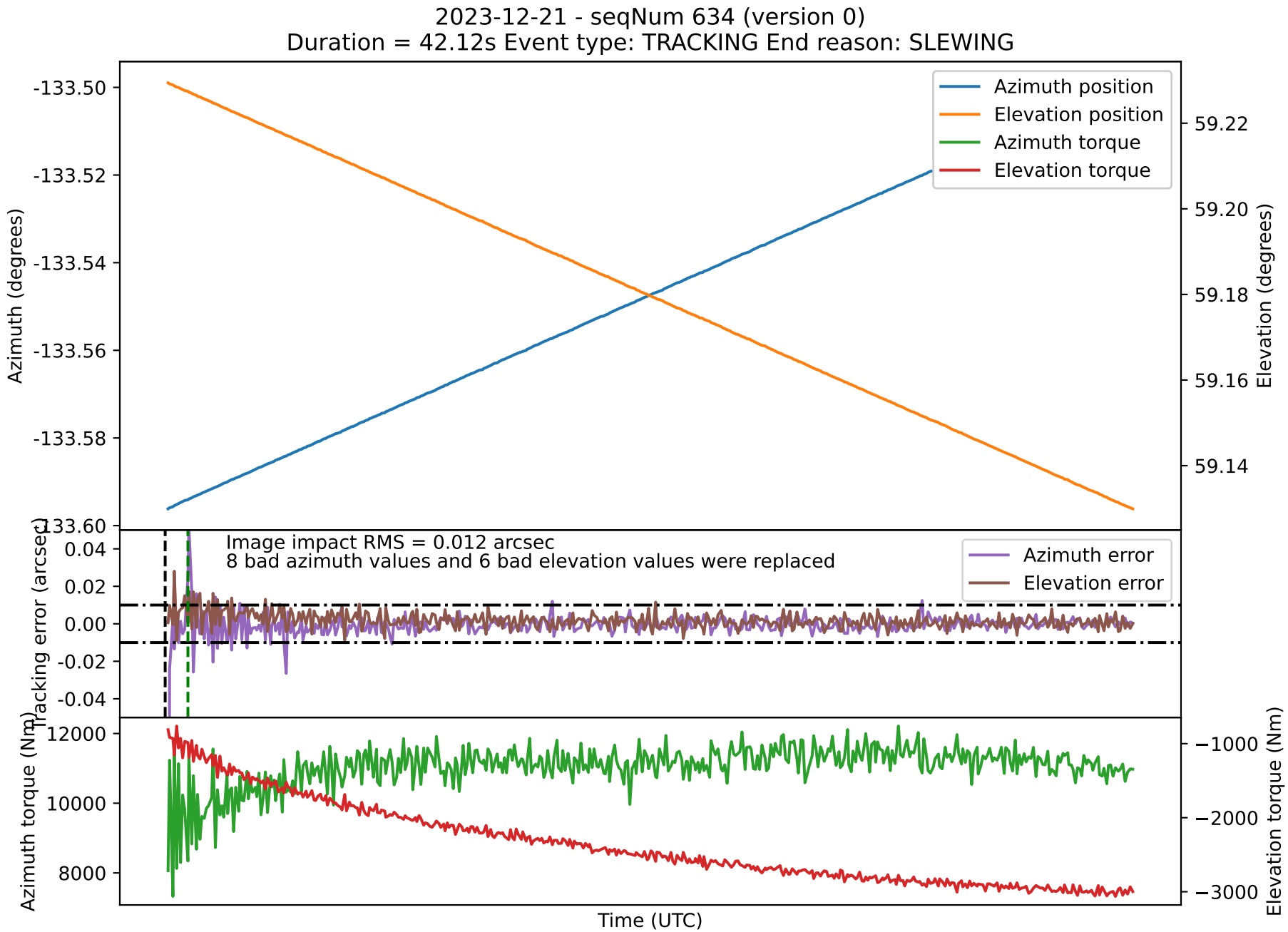

2023-12-21 - seqNum 624 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-138.18
-138.20
-138.22
-138.24
-138.26
-138.28
-138.30
-138.32
-138.34
64.82
64.80
64.78
64.76
64.74
Image impact RMS = 0.011 arcsec
20 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
8000
6000
−3000
−3500
Time (UTC)

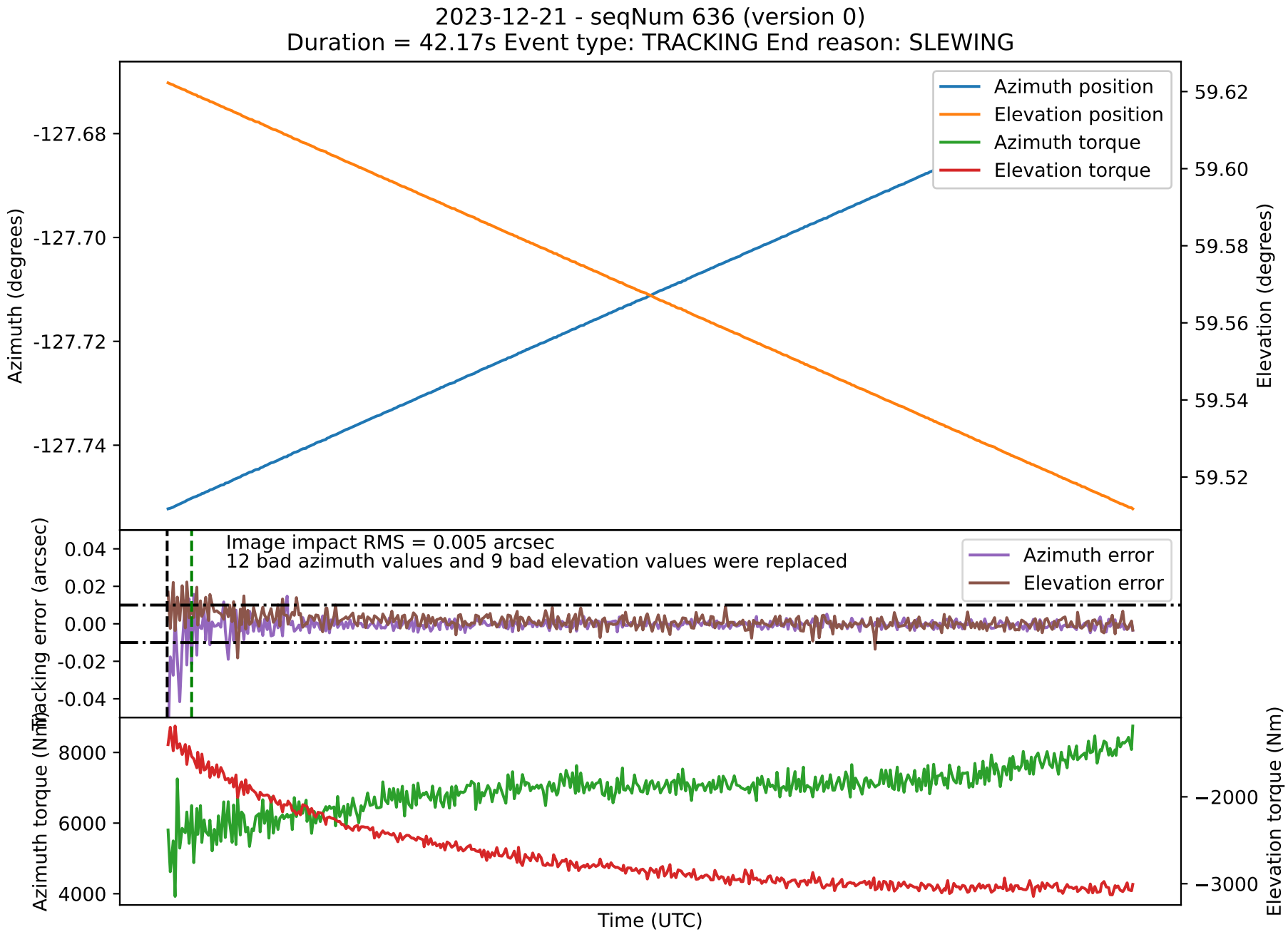

2023-12-21 - seqNum 626 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-144.18
-144.20
-144.22
-144.25
-144.28
-144.30
-144.32
-144.35
63.82
63.81
63.80
63.79
63.78
63.77
63.76
63.75
63.74
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
5000
0
−3100
−3200
−3300
−3400
Time (UTC)

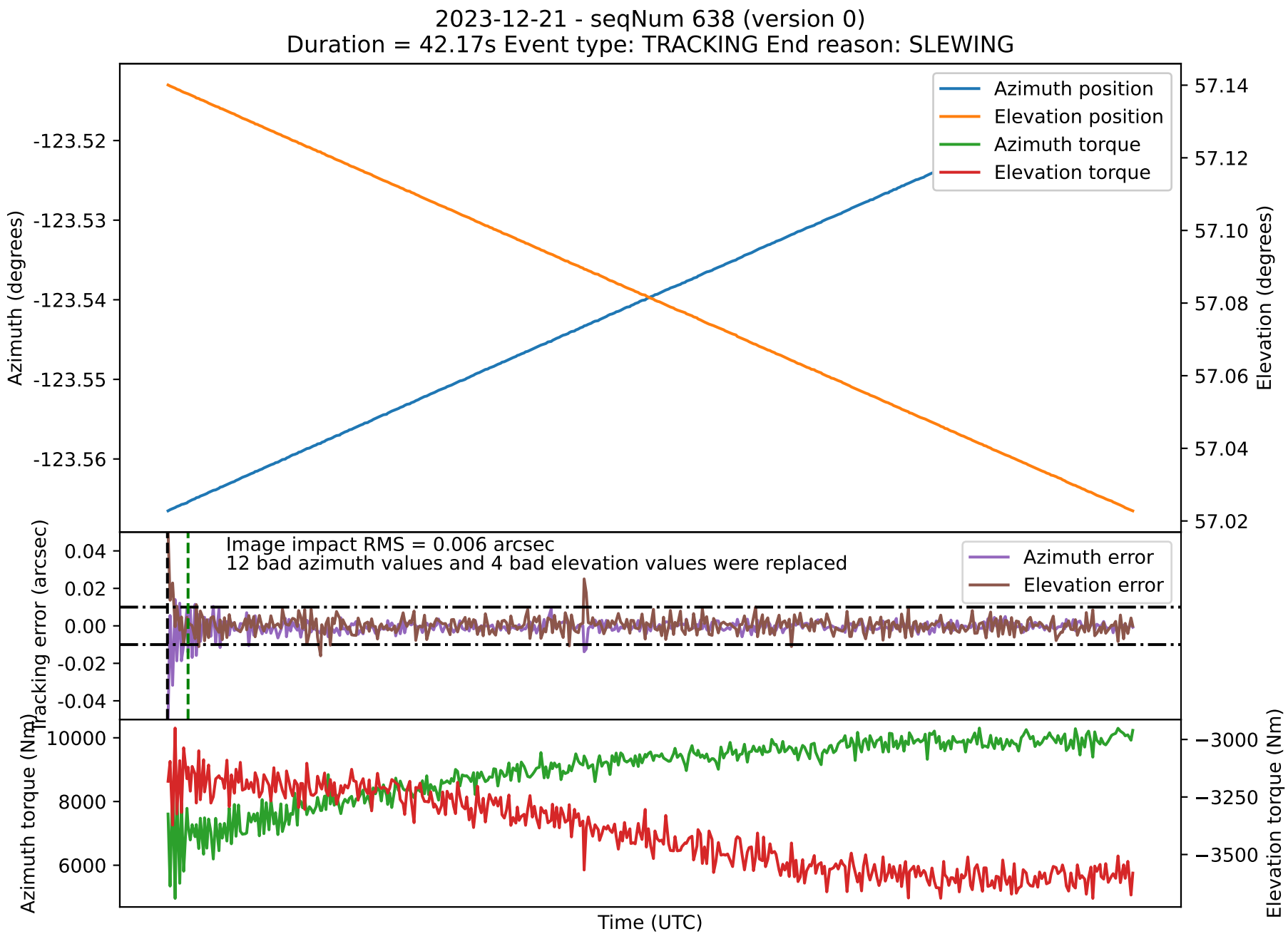

2023-12-21 - seqNum 628 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-144.30
-144.32
-144.34
-144.36
-144.38
-144.40
-144.42
-144.44
60.74
60.73
60.72
60.71
60.70
60.69
60.68
60.67
60.66
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
4000
−3000
−3200
−3400
Time (UTC)

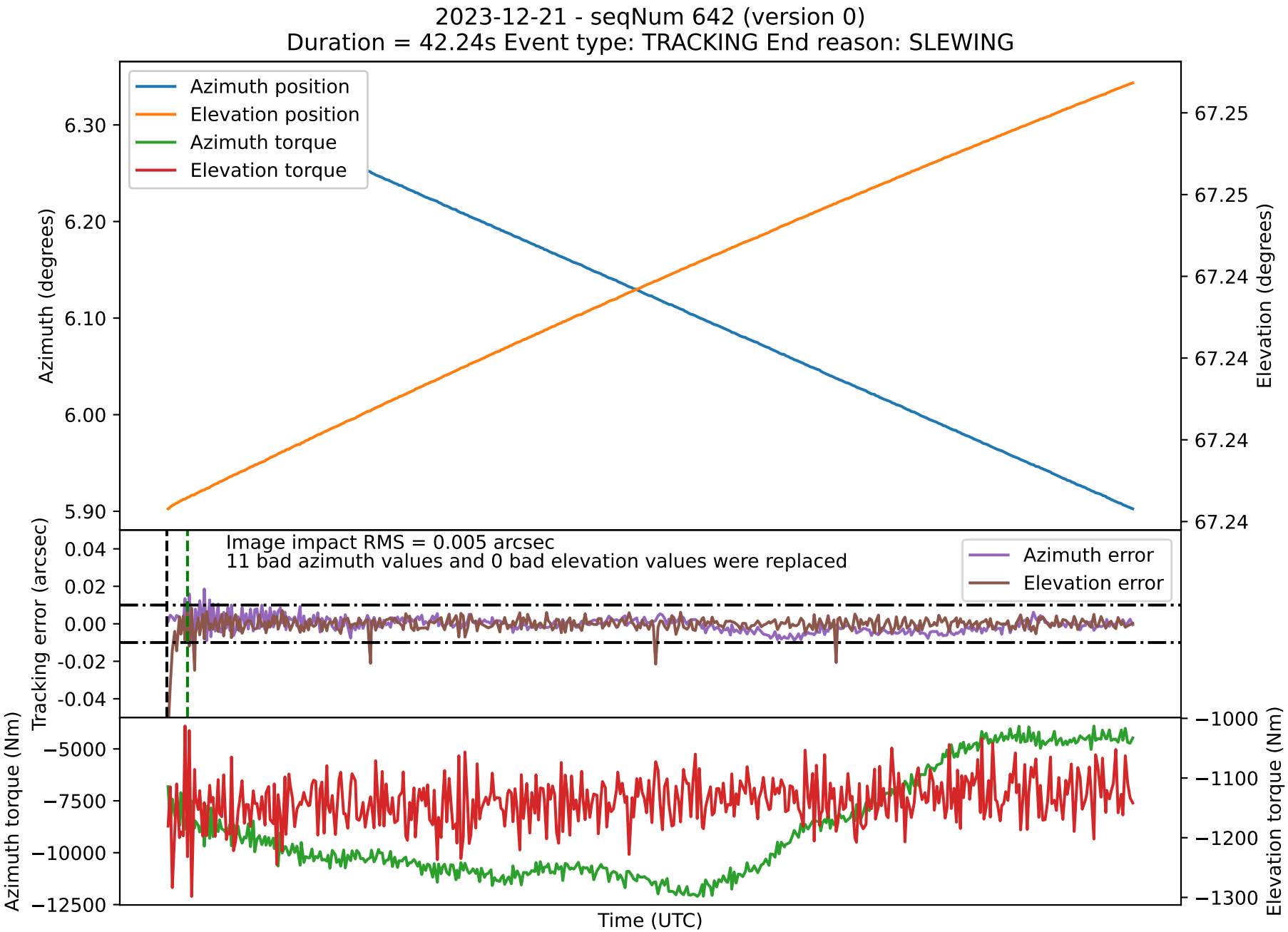

2023-12-21 - seqNum 630 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-138.52
-138.54
-138.56
-138.58
-138.60
-138.62
-138.64
61.58
61.56
61.54
61.52
61.50
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−1000
−2000
−3000
Time (UTC)

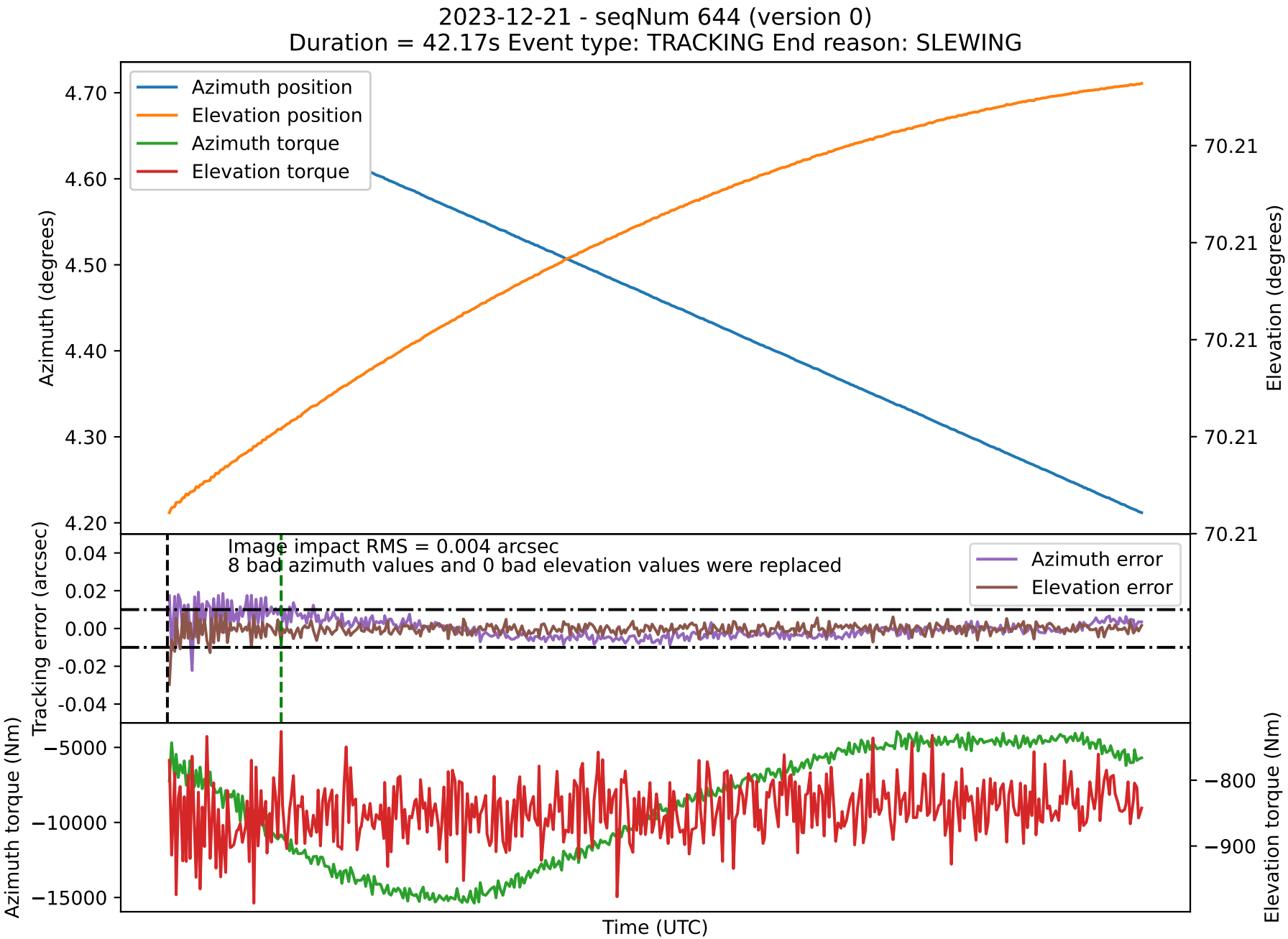

2023-12-21 - seqNum 632 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-139.10
-139.12
-139.14
-139.16
-139.18
-139.20
58.58
58.56
58.54
58.52
58.50
Image impact RMS = 0.006 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
5000
0
−3500
−3600
−3700
Time (UTC)

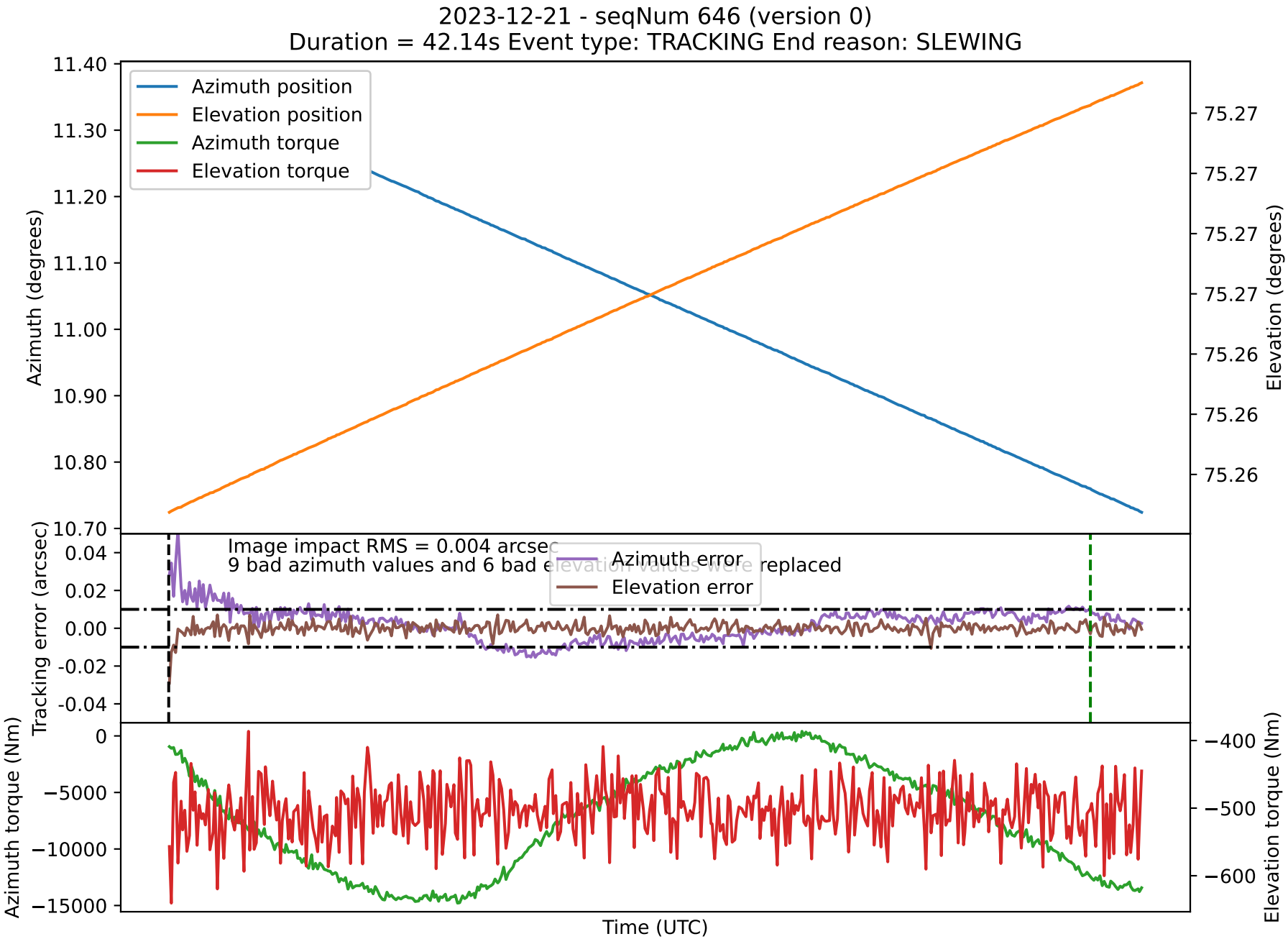

2023-12-21 - seqNum 634 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-133.50
-133.52
-133.54
-133.56
-133.58
-133.60
59.22
59.20
59.18
59.16
59.14
Image impact RMS = 0.012 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
12000
10000
8000
−1000
−2000
−3000
Time (UTC)

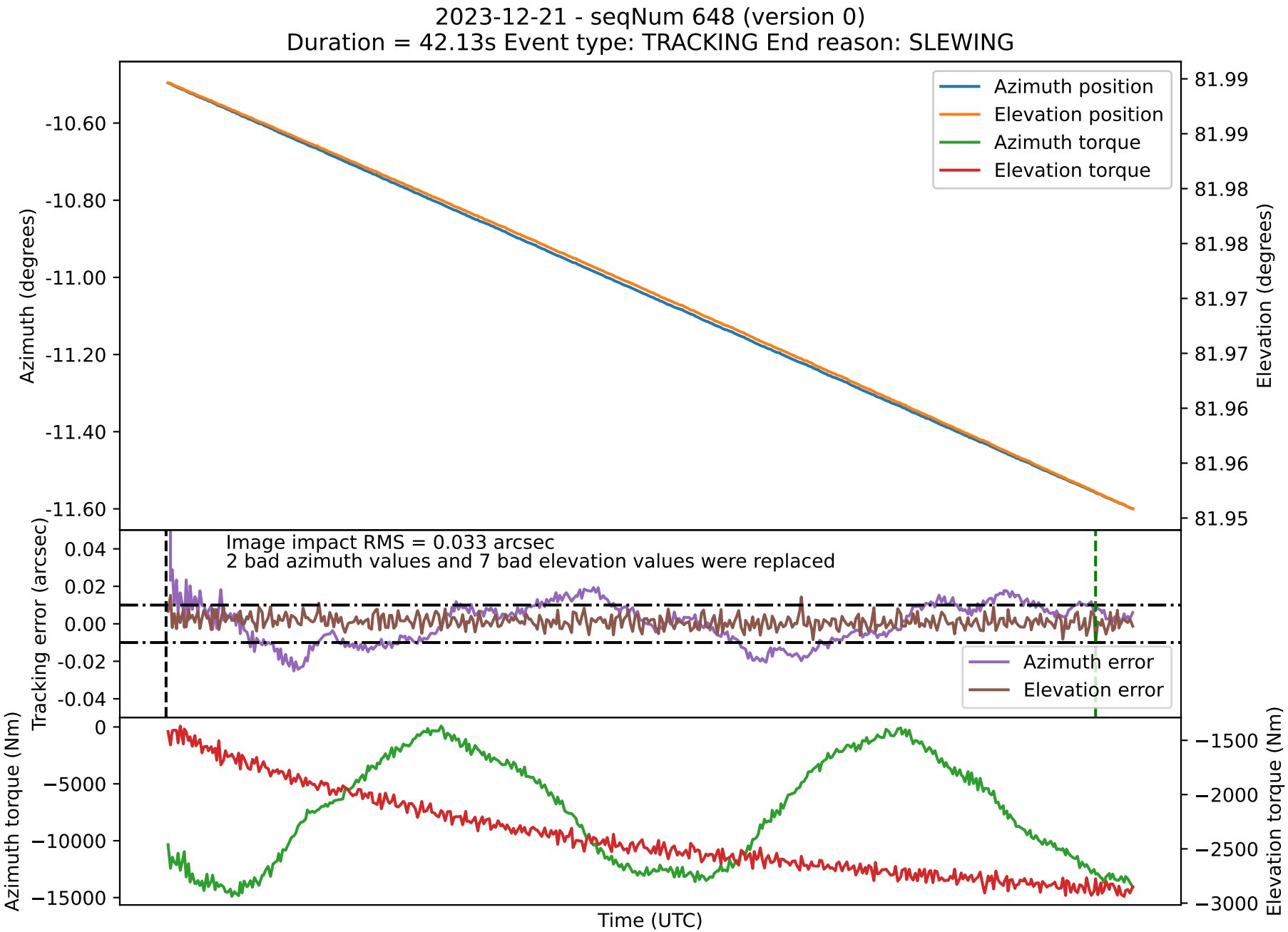

2023-12-21 - seqNum 636 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-127.68
-127.70
-127.72
-127.74
59.62
59.60
59.58
59.56
59.54
59.52
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
8000
6000
4000
−2000
−3000
Time (UTC)

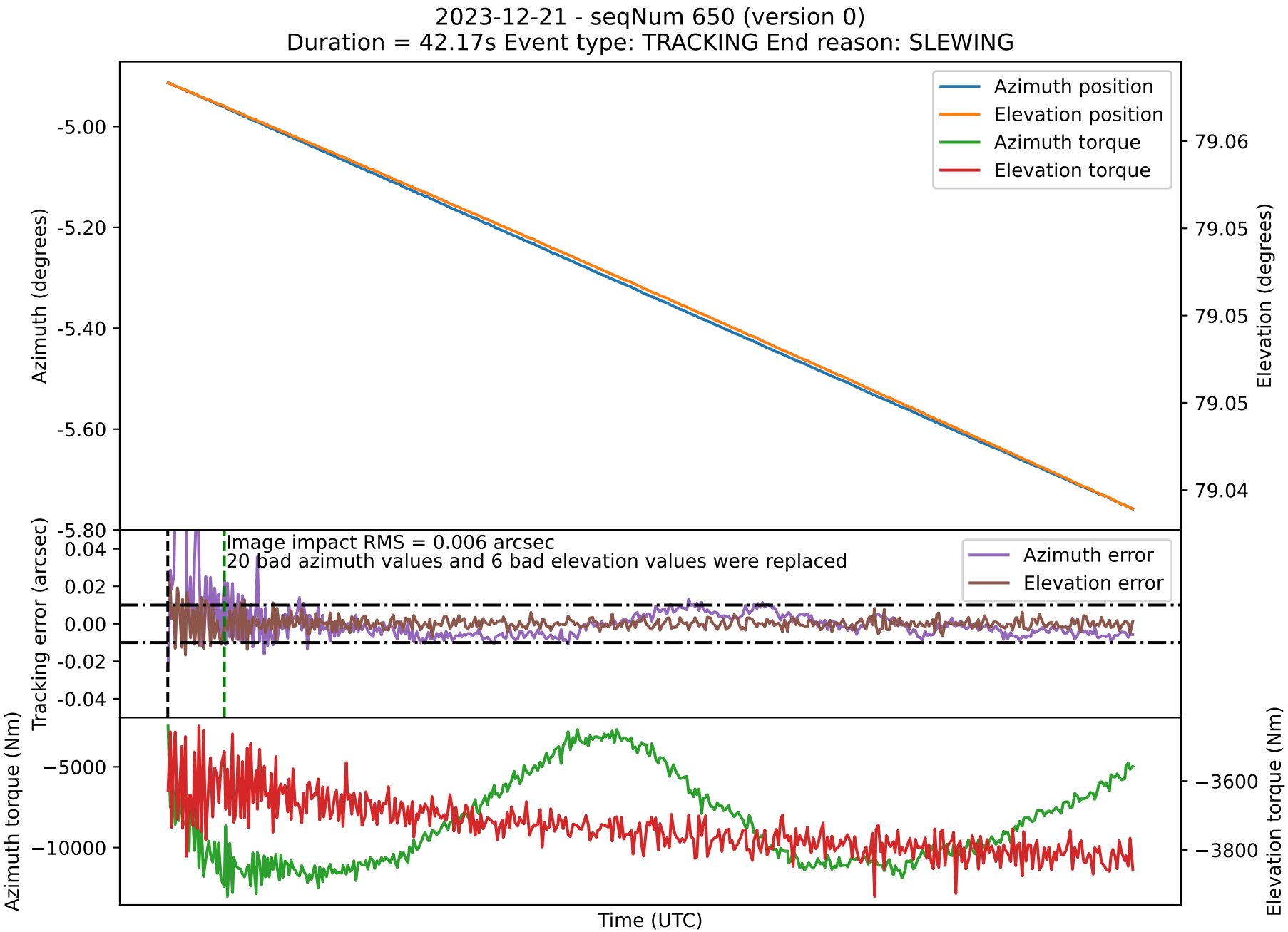

2023-12-21 - seqNum 638 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-123.52
-123.53
-123.54
-123.55
-123.56
57.14
57.12
57.10
57.08
57.06
57.04
57.02
Image impact RMS = 0.006 arcsec
12 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
10000
8000
6000
−3000
−3250
−3500
Time (UTC)

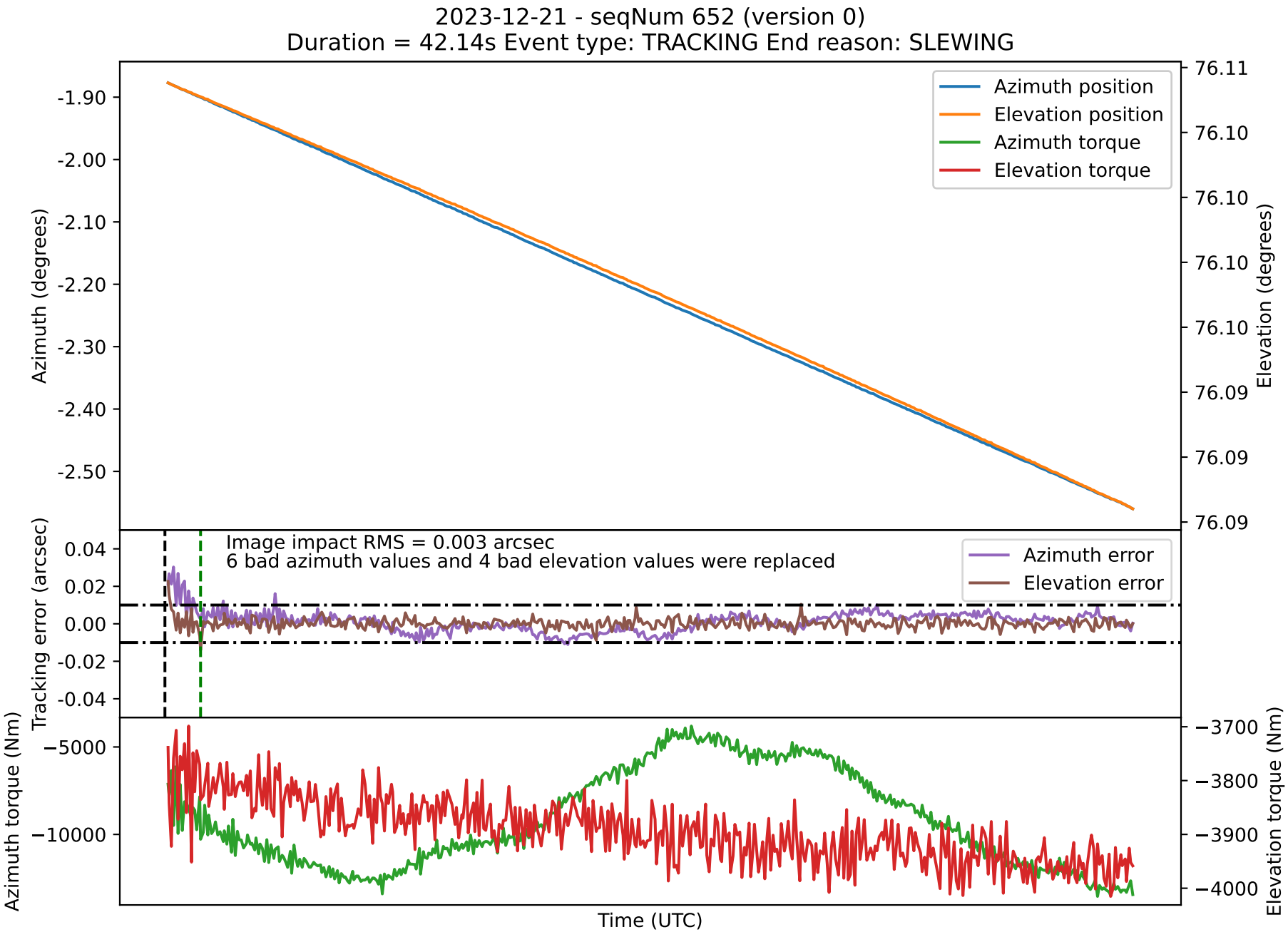

2023-12-21 - seqNum 642 (version 0)
Duration = 42.24s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
6.30
6.20
6.10
6.00
5.90
67.25
67.25
67.24
67.24
67.24
67.24
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−1000
−1100
−1200
−1300
Time (UTC)

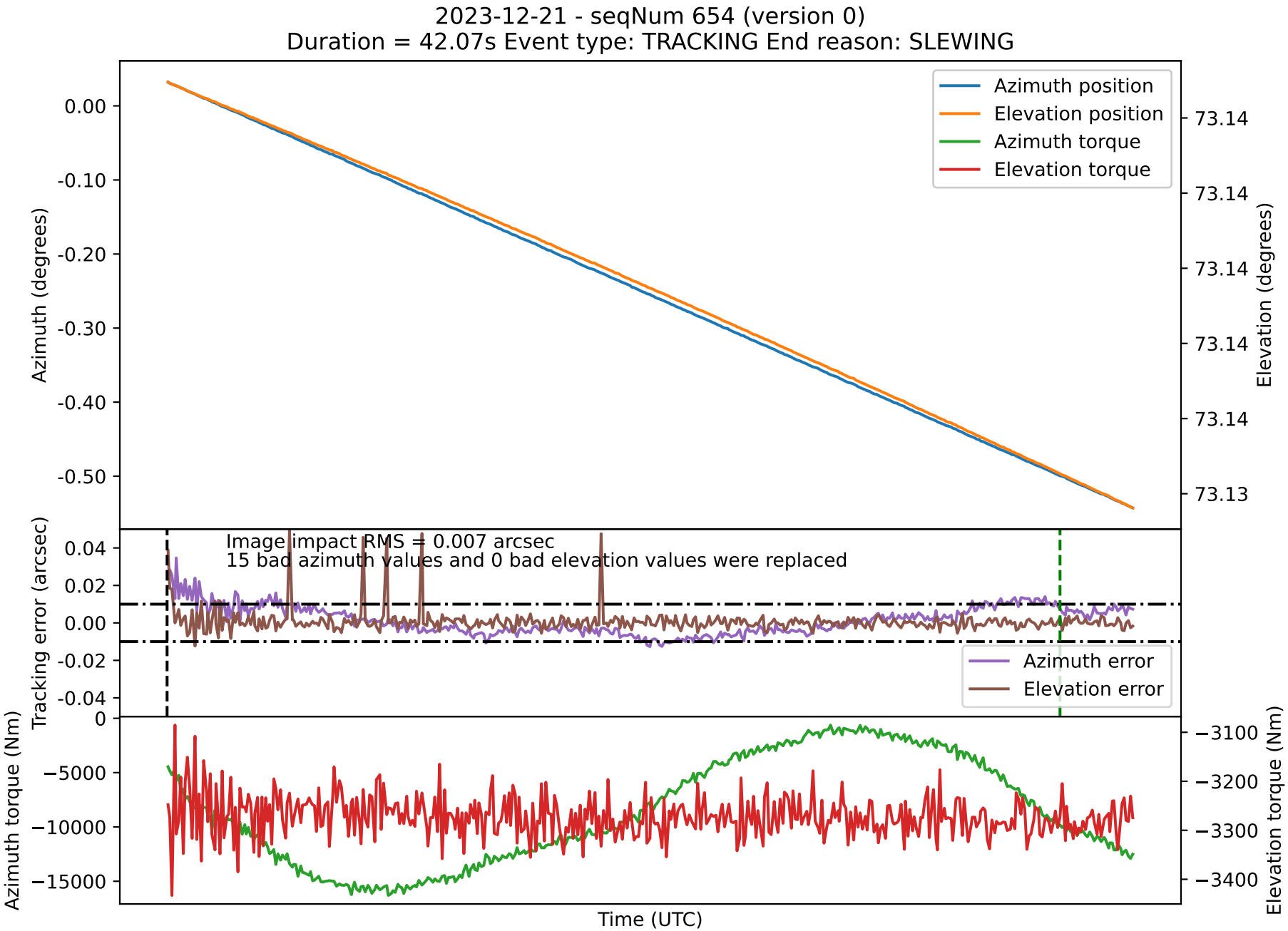

2023-12-21 - seqNum 644 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
4.70
4.60
4.50
4.40
4.30
4.20
70.21
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−800
−900
Time (UTC)

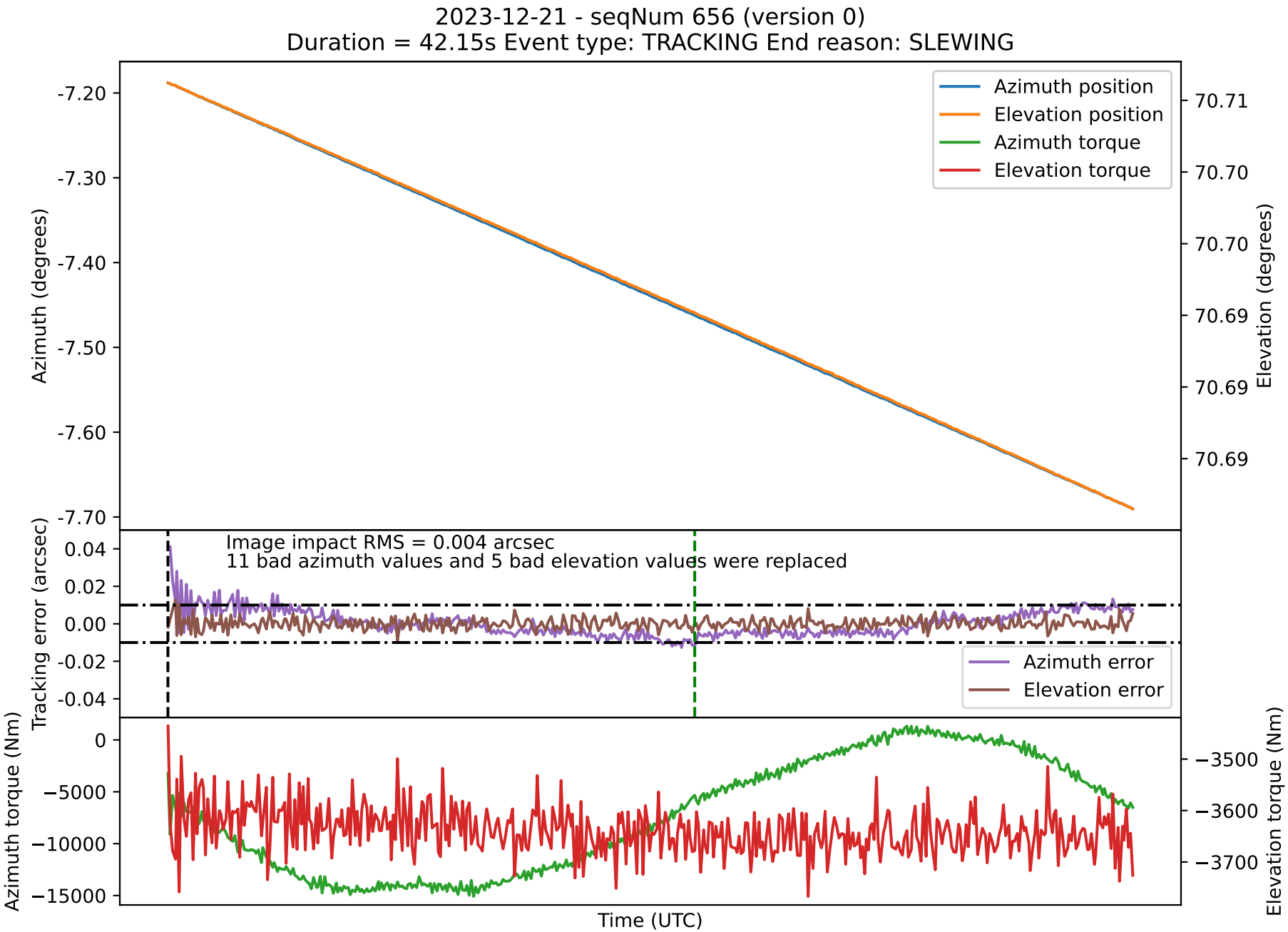

2023-12-21 - seqNum 646 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

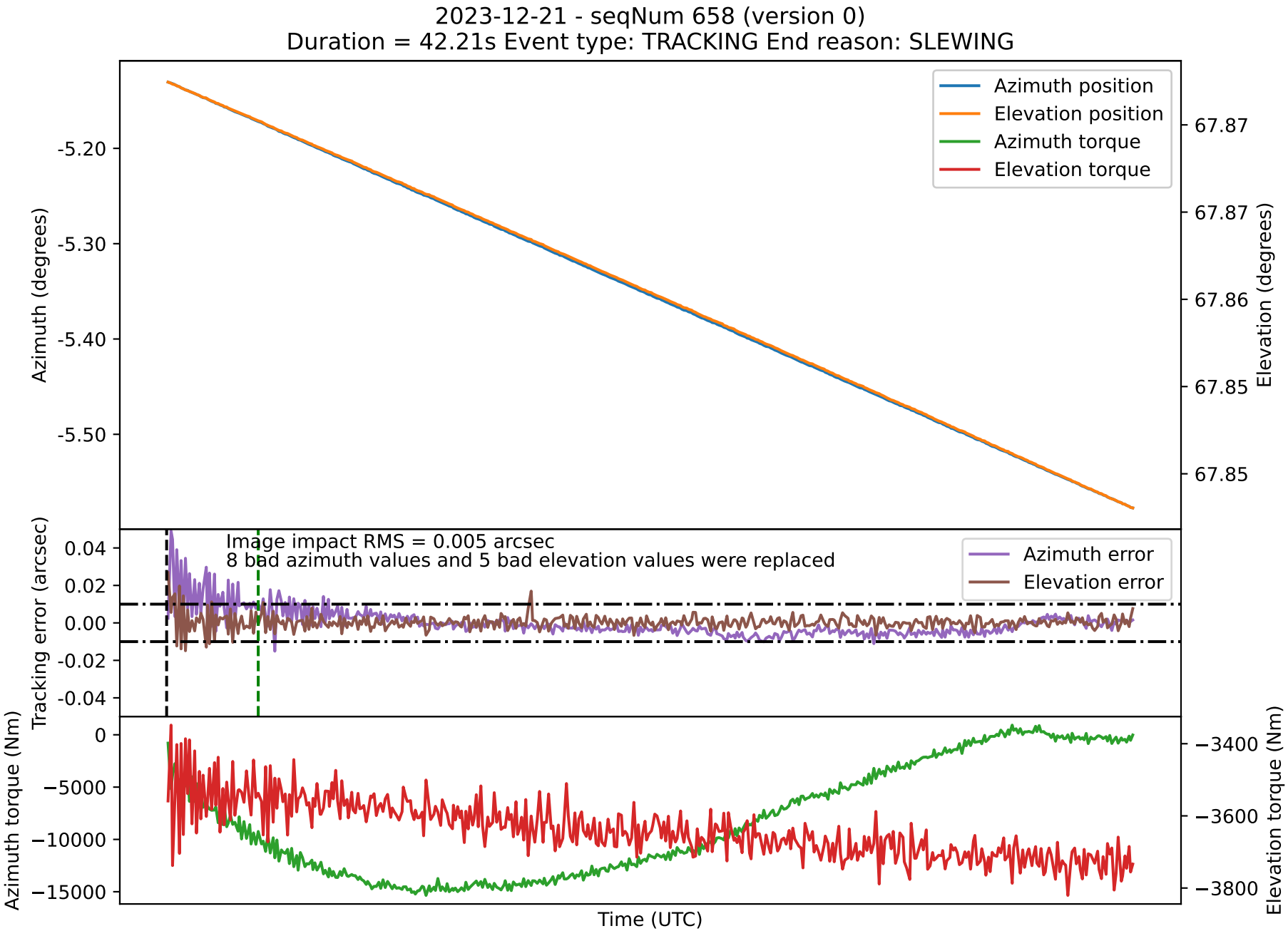

2023-12-21 - seqNum 648 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-10.60
-10.80
-11.00
-11.20
-11.40
-11.60
81.99
81.99
81.98
81.98
81.97
81.97
81.96
81.96
81.95
Image impact RMS = 0.033 arcsec
2 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1500
−2000
−2500
−3000
Time (UTC)

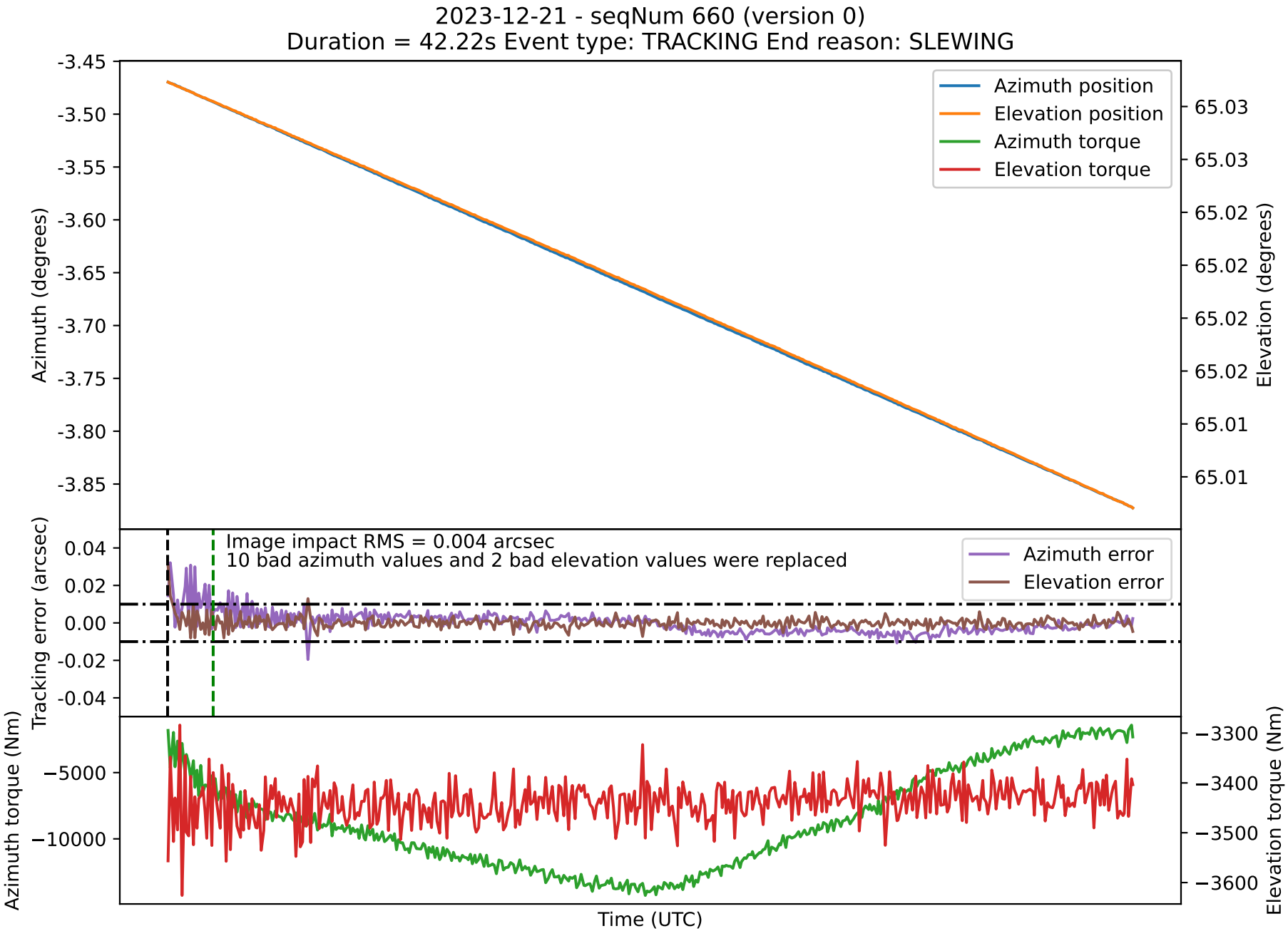

2023-12-21 - seqNum 650 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.00
-5.20
-5.40
-5.60
-5.80
79.06
79.05
79.05
79.05
79.04
Image impact RMS = 0.006 arcsec
20 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3600
−3800
Time (UTC)

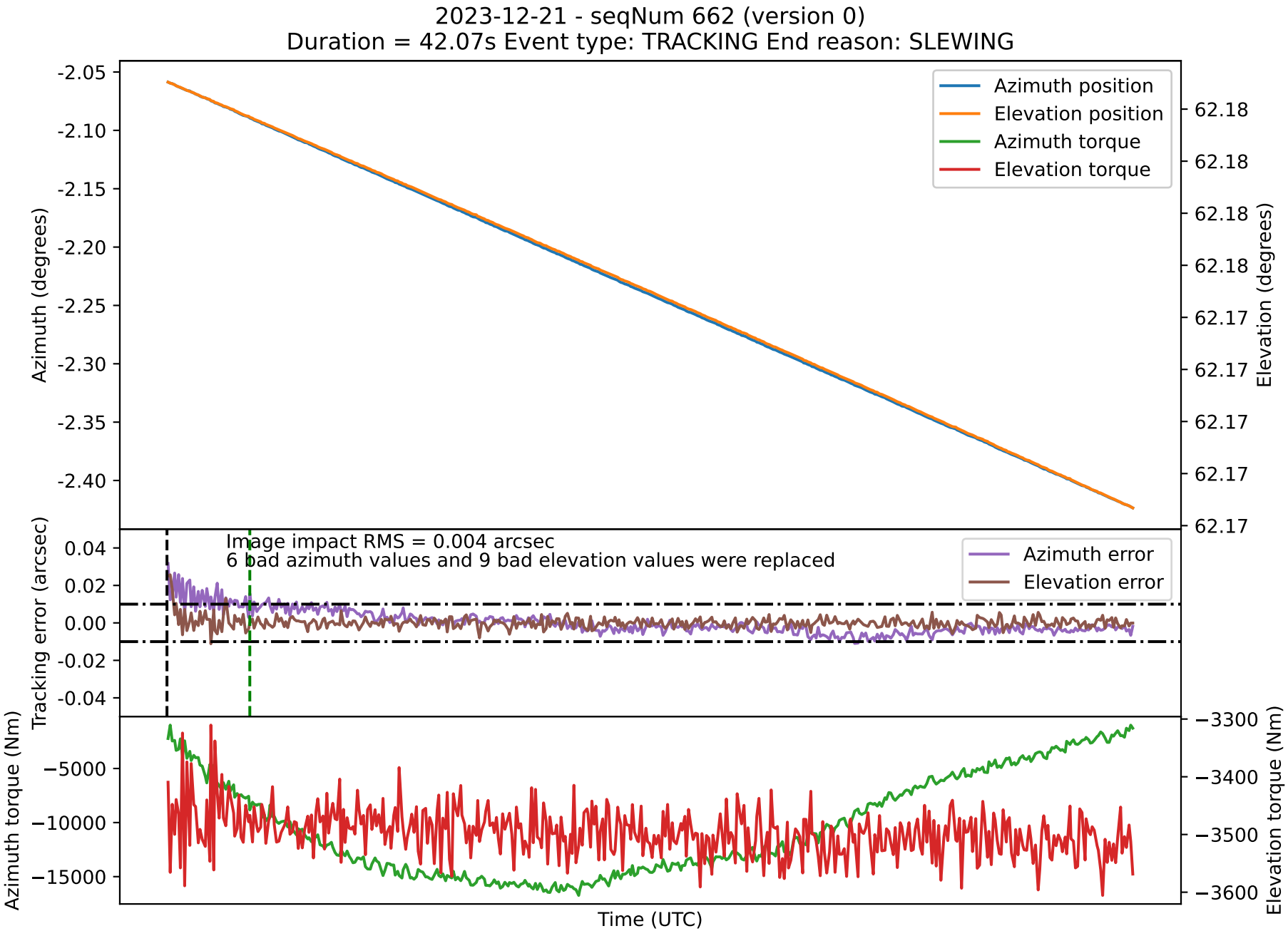

2023-12-21 - seqNum 652 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-1.90
-2.00
-2.10
-2.20
-2.30
-2.40
-2.50
76.11
76.10
76.10
76.10
76.10
76.09
76.09
76.09
Image impact RMS = 0.003 arcsec
6 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3700
−3800
−3900
−4000
Time (UTC)

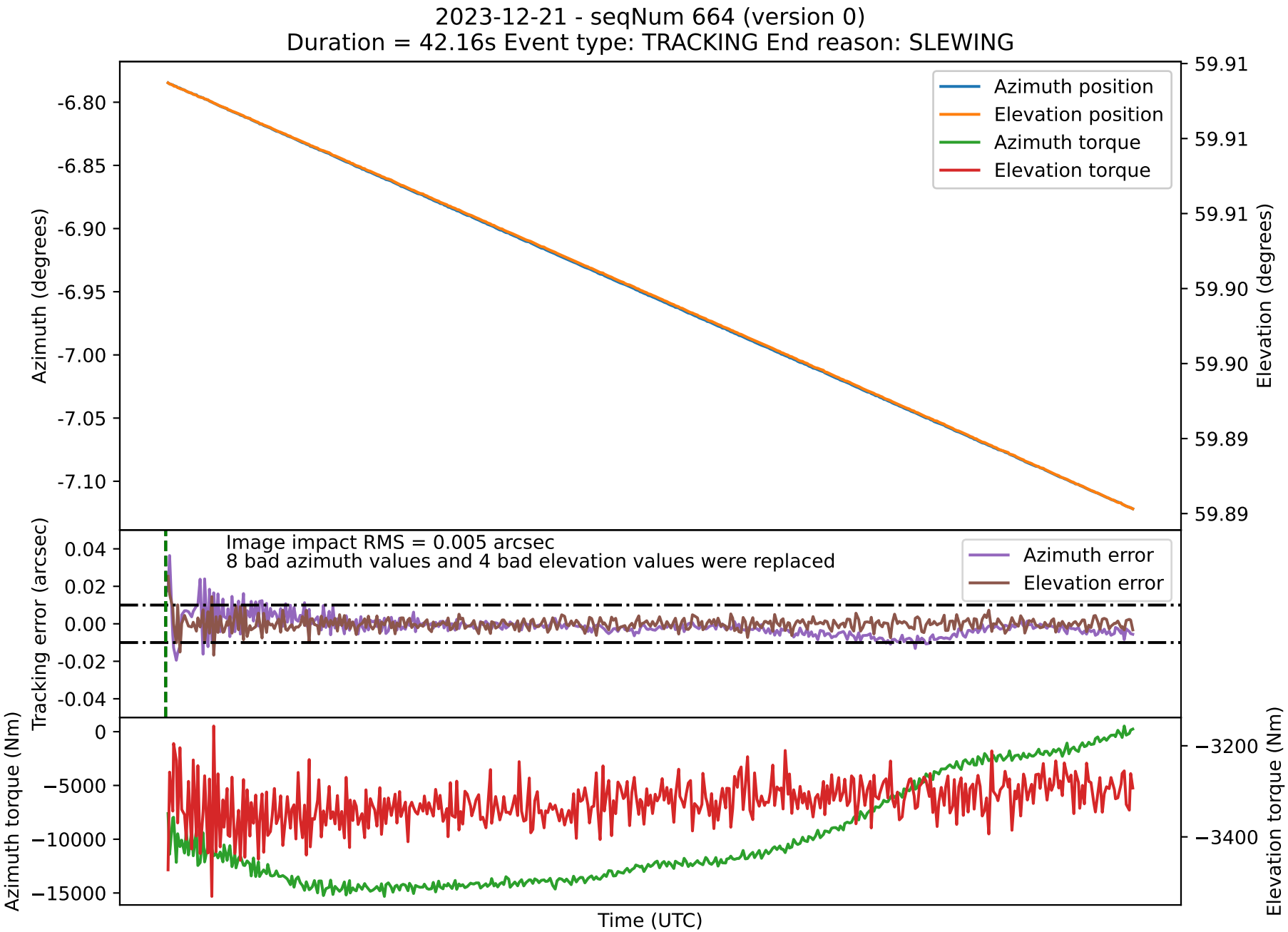

2023-12-21 - seqNum 654 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
0.00
-0.10
-0.20
-0.30
-0.40
-0.50
73.14
73.14
73.14
73.14
73.14
73.13
Image impact RMS = 0.007 arcsec
15 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3100
−3200
−3300
−3400
Time (UTC)

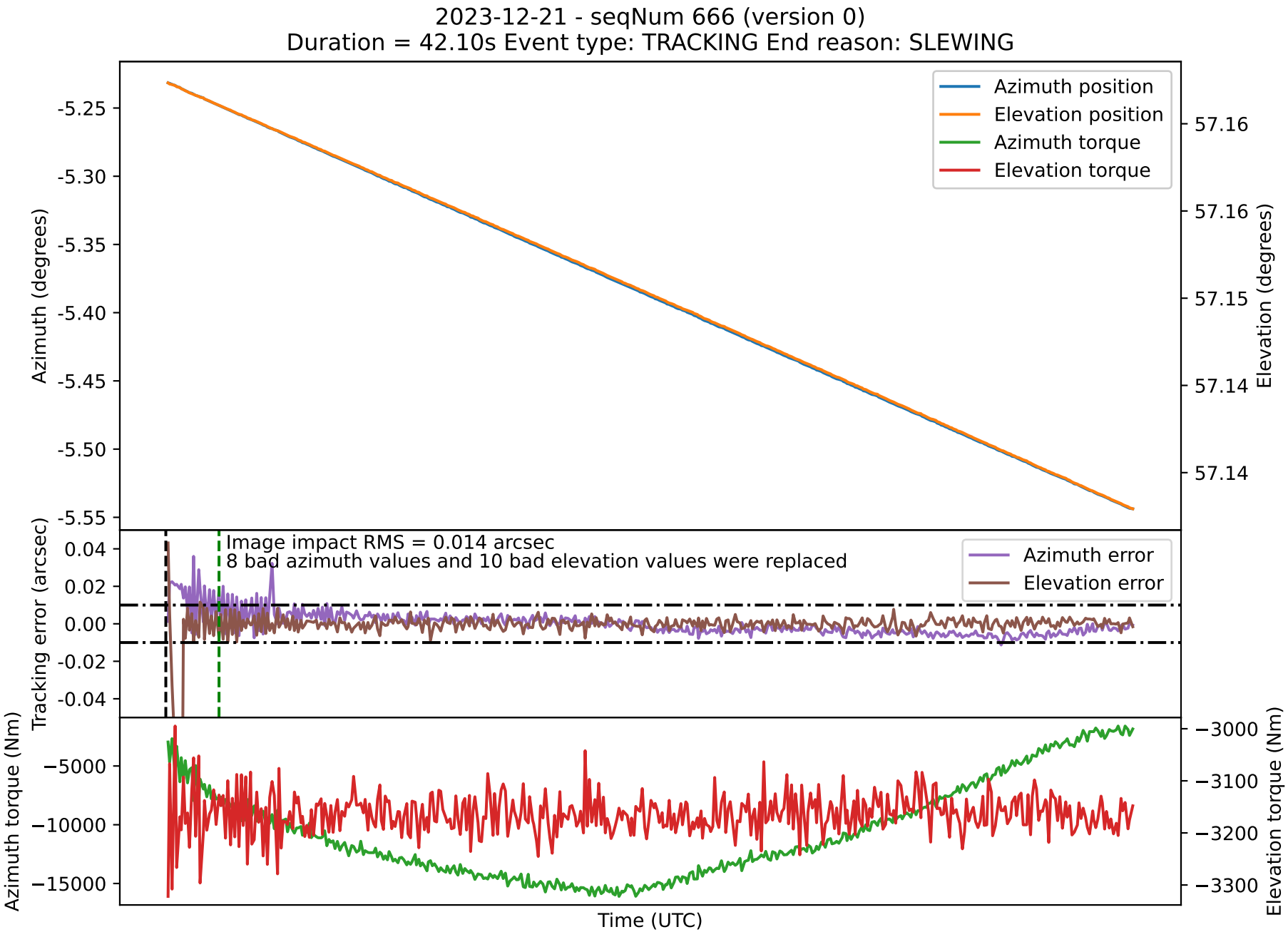

2023-12-21 - seqNum 656 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.20
-7.30
-7.40
-7.50
-7.60
-7.70
70.71
70.70
70.70
70.69
70.69
70.69
Image impact RMS = 0.004 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3500
−3600
−3700
Time (UTC)

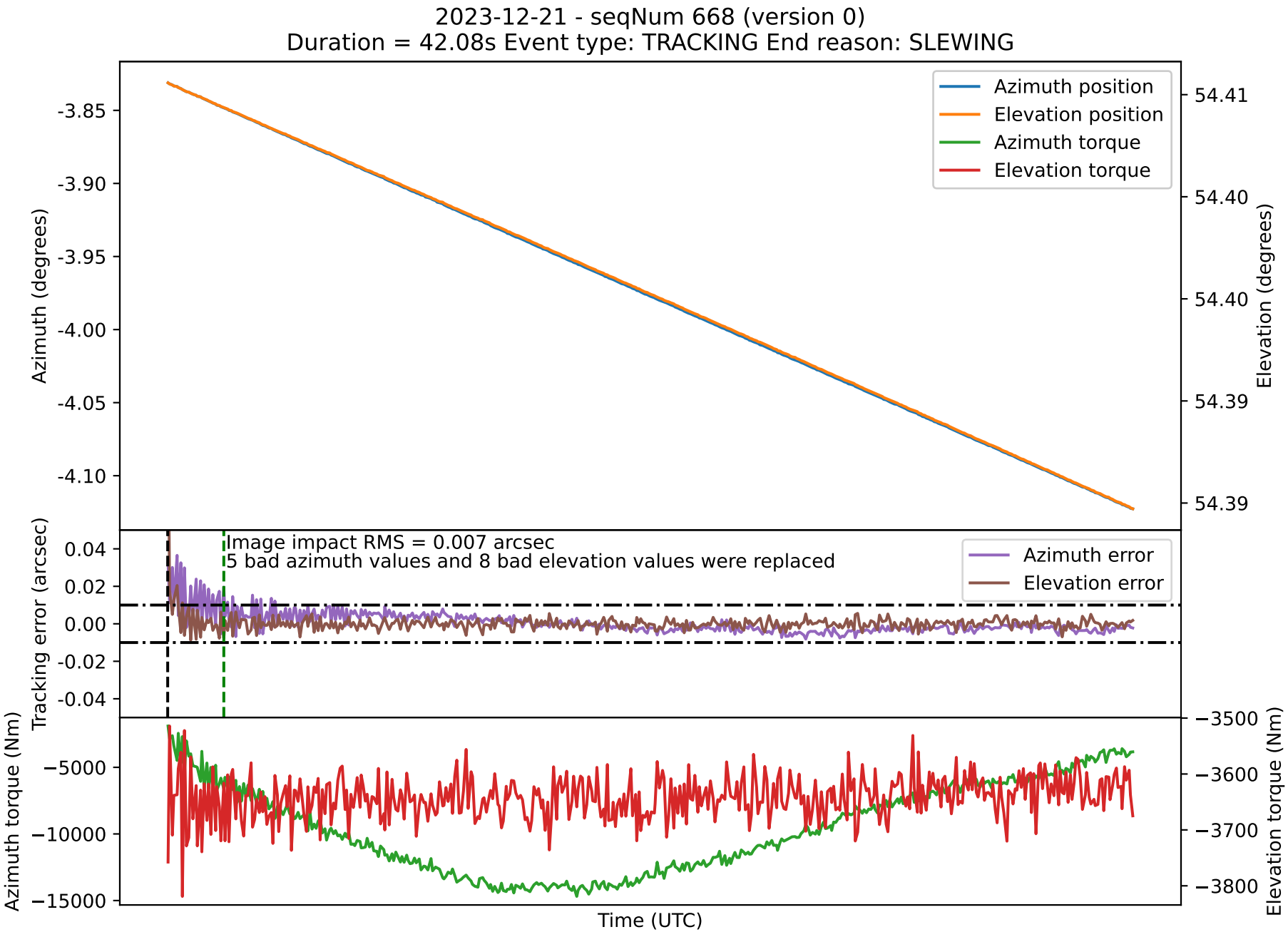

2023-12-21 - seqNum 658 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.20
-5.30
-5.40
-5.50
67.87
67.87
67.86
67.85
67.85
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3400
−3600
−3800
Time (UTC)

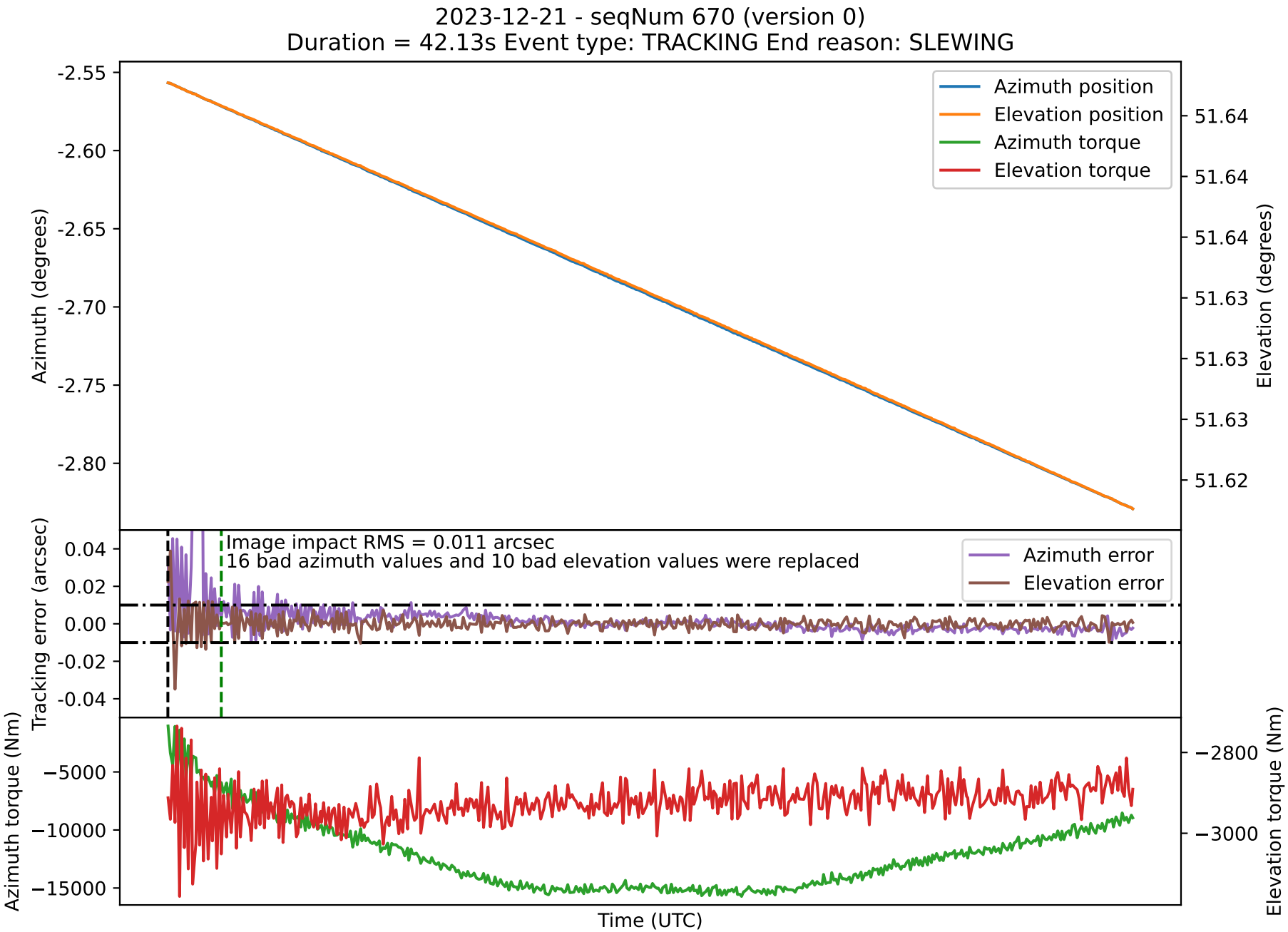

2023-12-21 - seqNum 660 (version 0)
Duration = 42.22s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.45
-3.50
-3.55
-3.60
-3.65
-3.70
-3.75
-3.80
-3.85
65.03
65.03
65.02
65.02
65.02
65.02
65.01
65.01
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3300
−3400
−3500
−3600
Time (UTC)

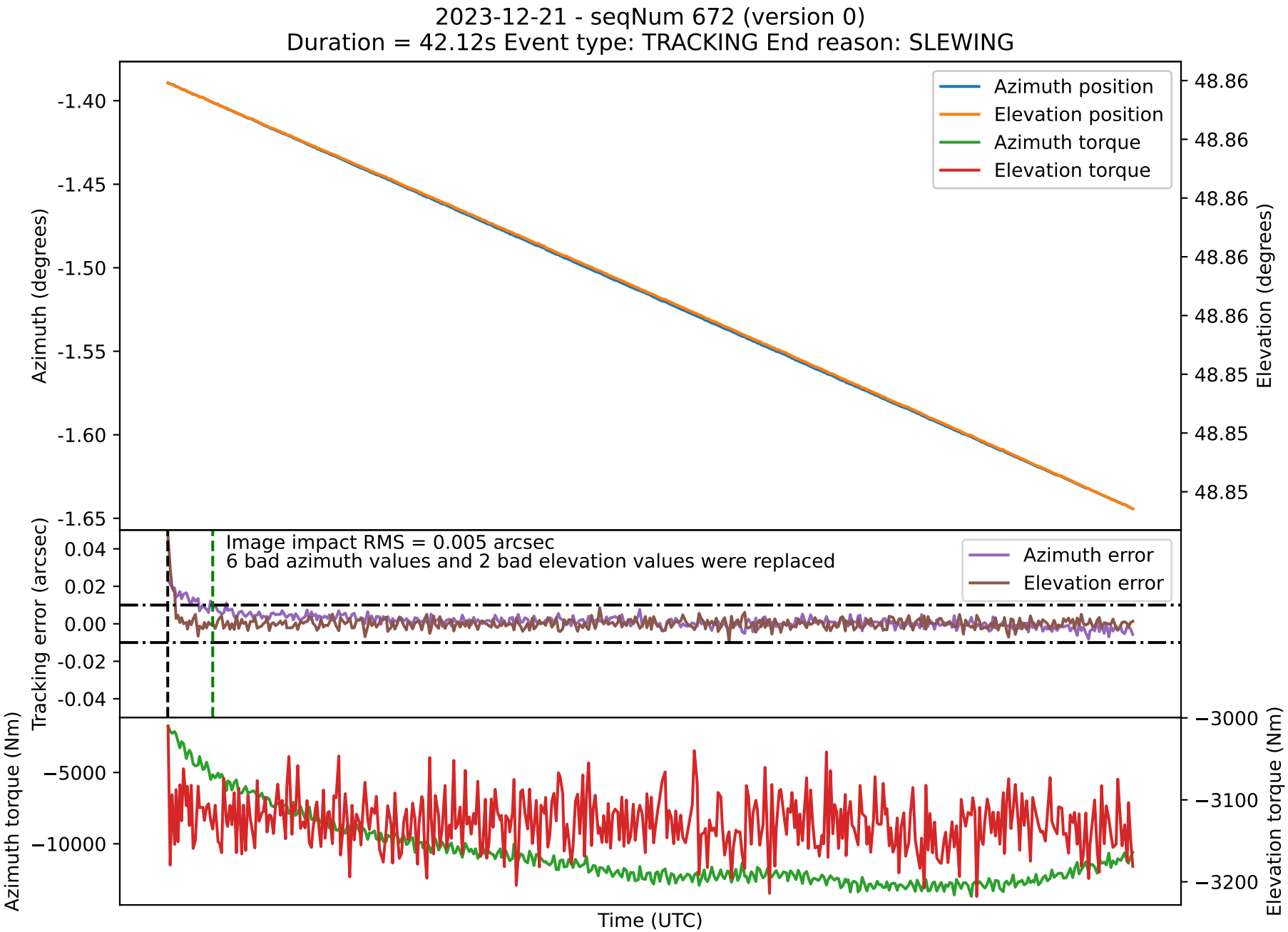

2023-12-21 - seqNum 662 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
6 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

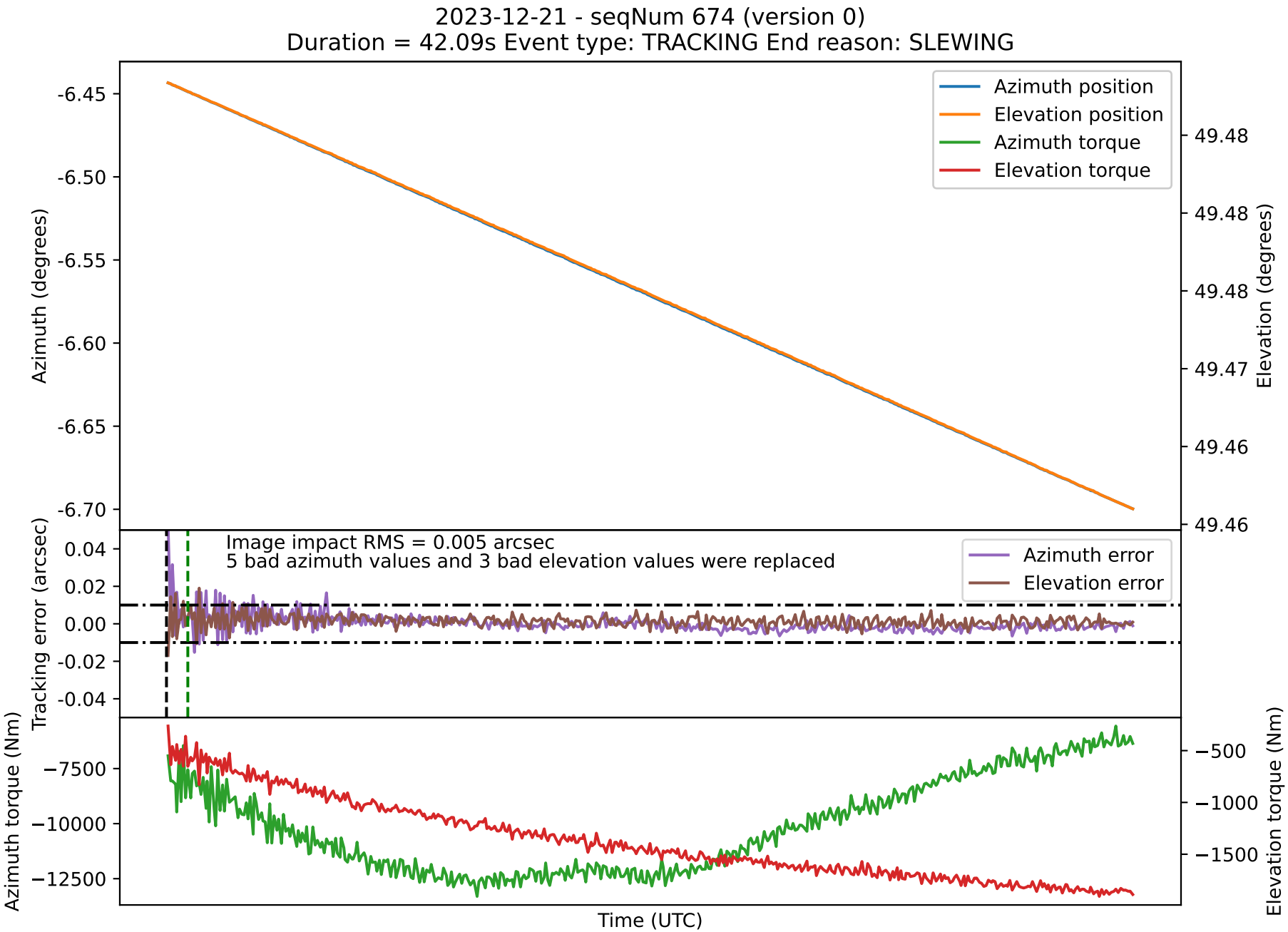

2023-12-21 - seqNum 664 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-6.80
-6.85
-6.90
-6.95
-7.00
-7.05
-7.10
59.91
59.91
59.91
59.90
59.90
59.89
59.89
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3200
−3400
Time (UTC)

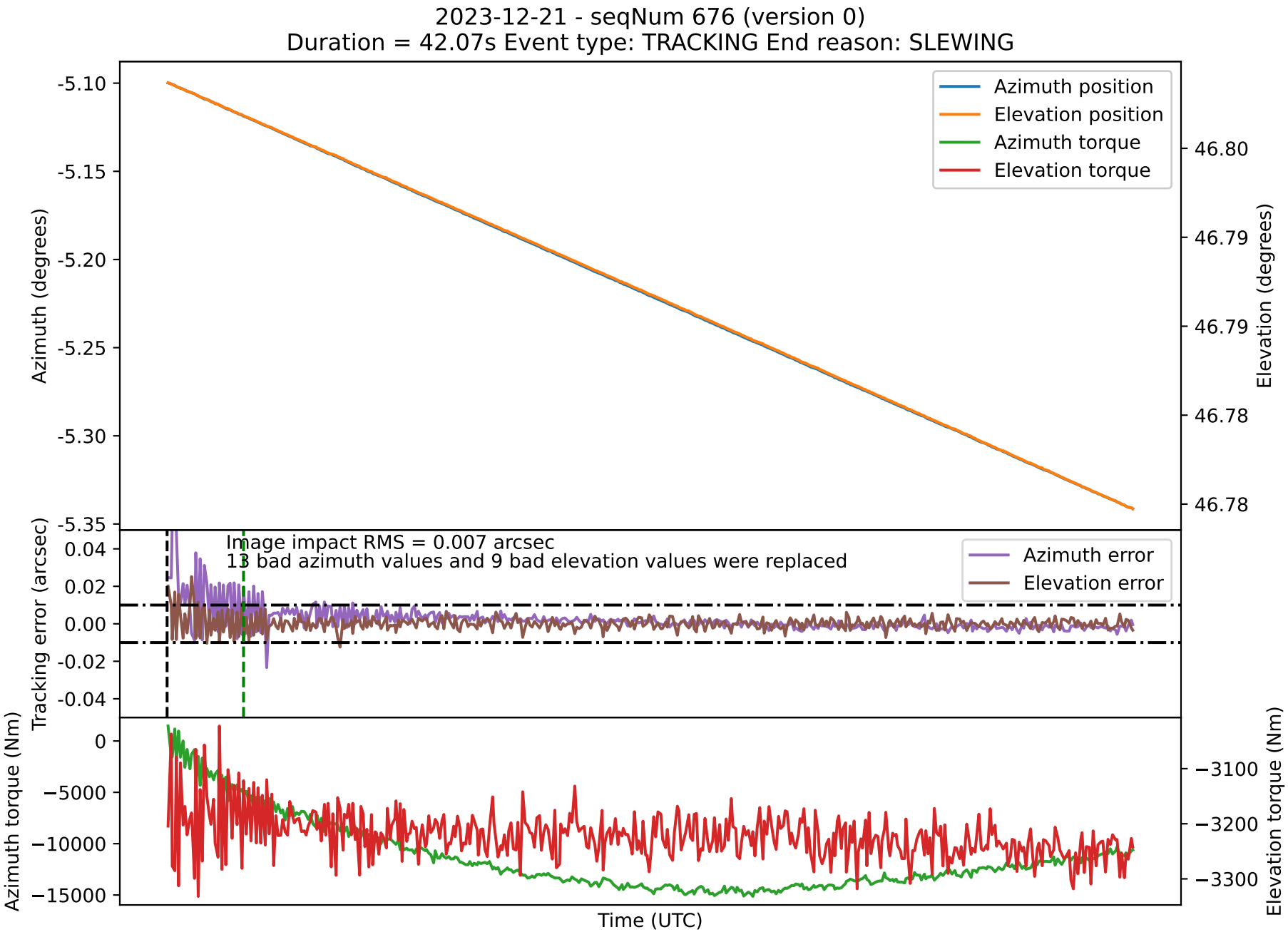

2023-12-21 - seqNum 666 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.25
-5.30
-5.35
-5.40
-5.45
-5.50
-5.55
57.16
57.16
57.15
57.14
57.14
Image impact RMS = 0.014 arcsec
8 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3000
−3100
−3200
−3300
Time (UTC)

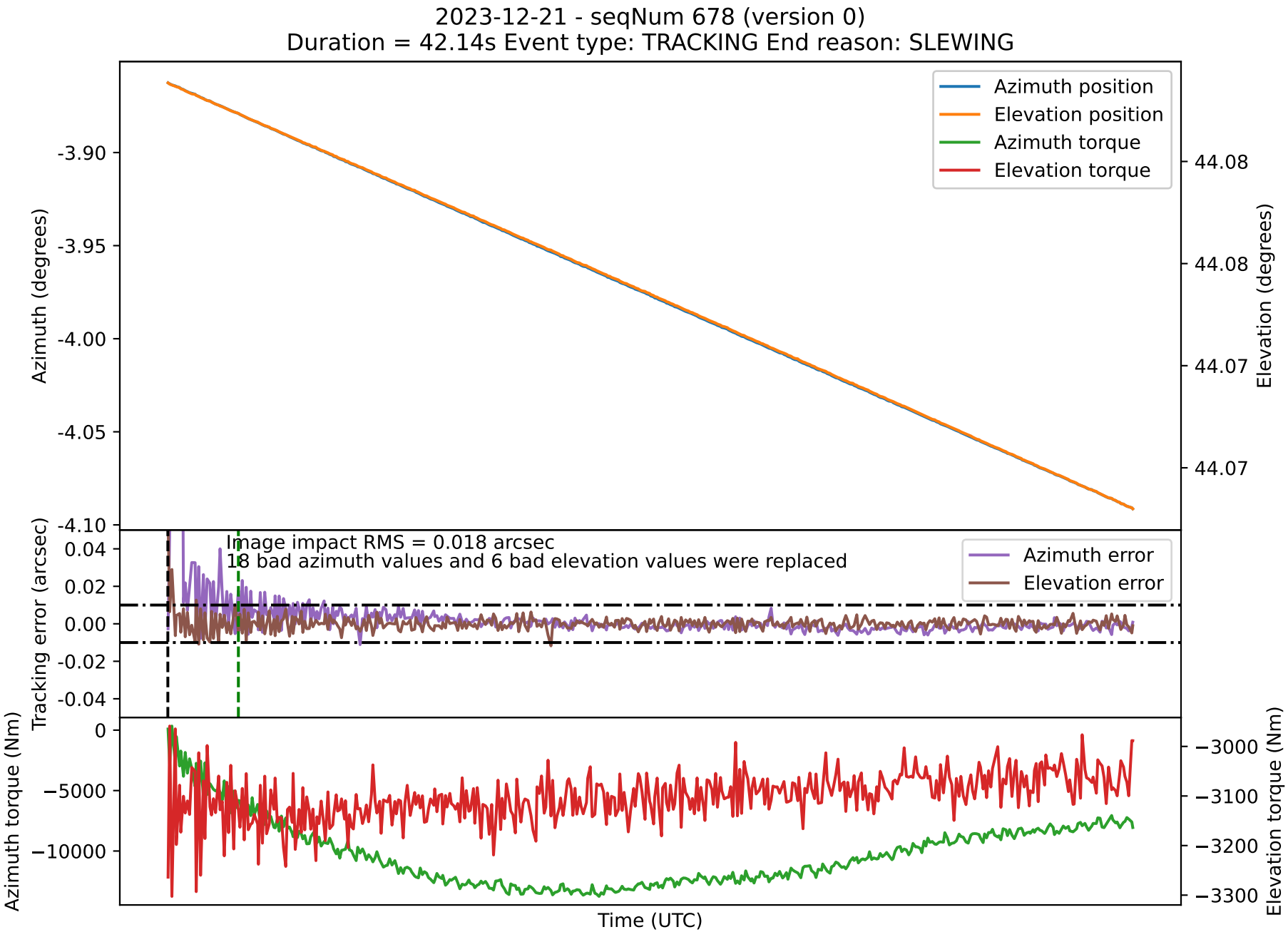

2023-12-21 - seqNum 668 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.85
-3.90
-3.95
-4.00
-4.05
-4.10
54.41
54.40
54.40
54.39
54.39
Image impact RMS = 0.007 arcsec
5 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3500
−3600
−3700
−3800
Time (UTC)

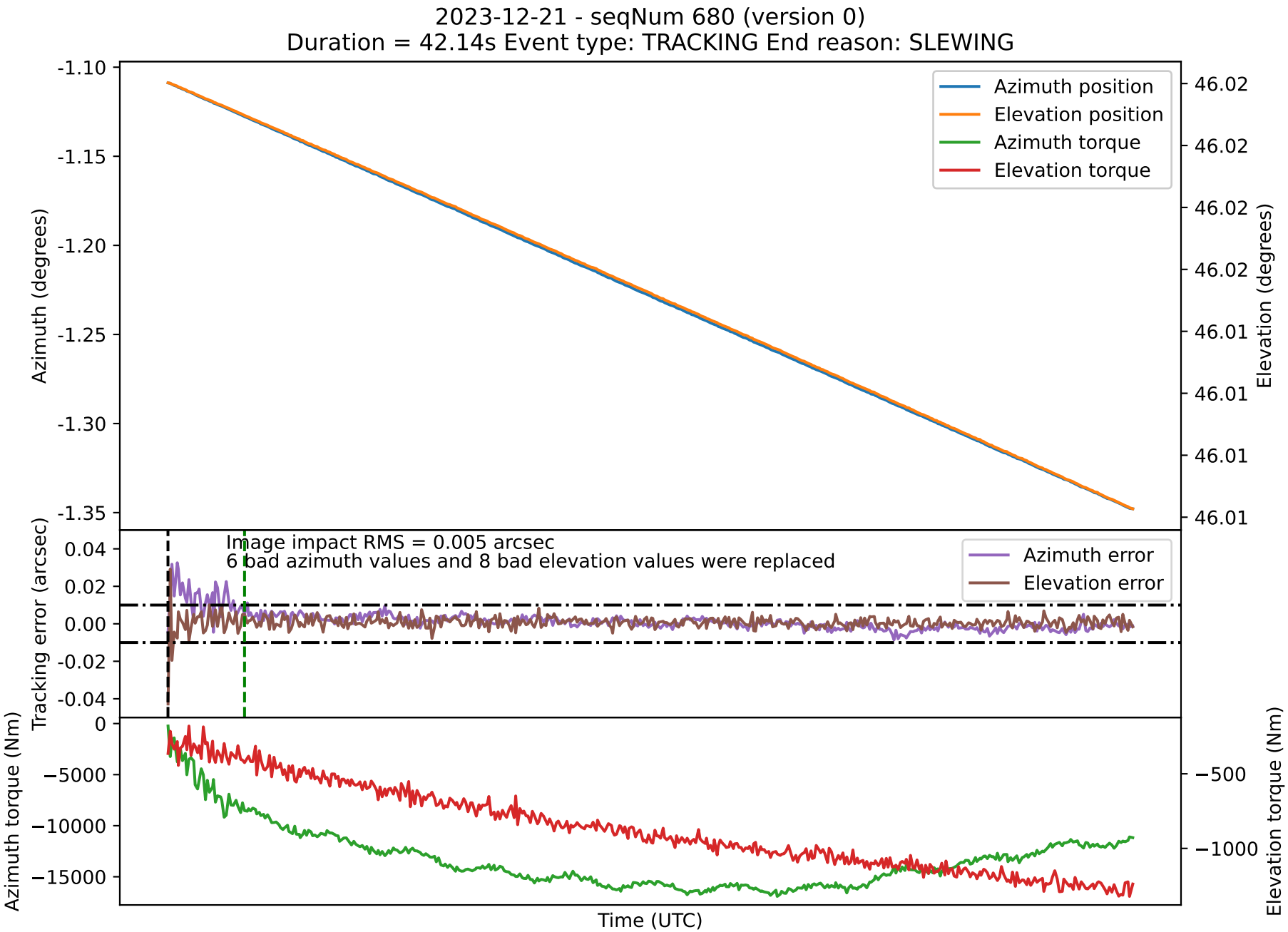

2023-12-21 - seqNum 670 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-2.55
-2.60
-2.65
-2.70
-2.75
-2.80
51.64
51.64
51.64
51.63
51.63
51.63
51.62
Image impact RMS = 0.011 arcsec
16 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−2800
−3000
Time (UTC)

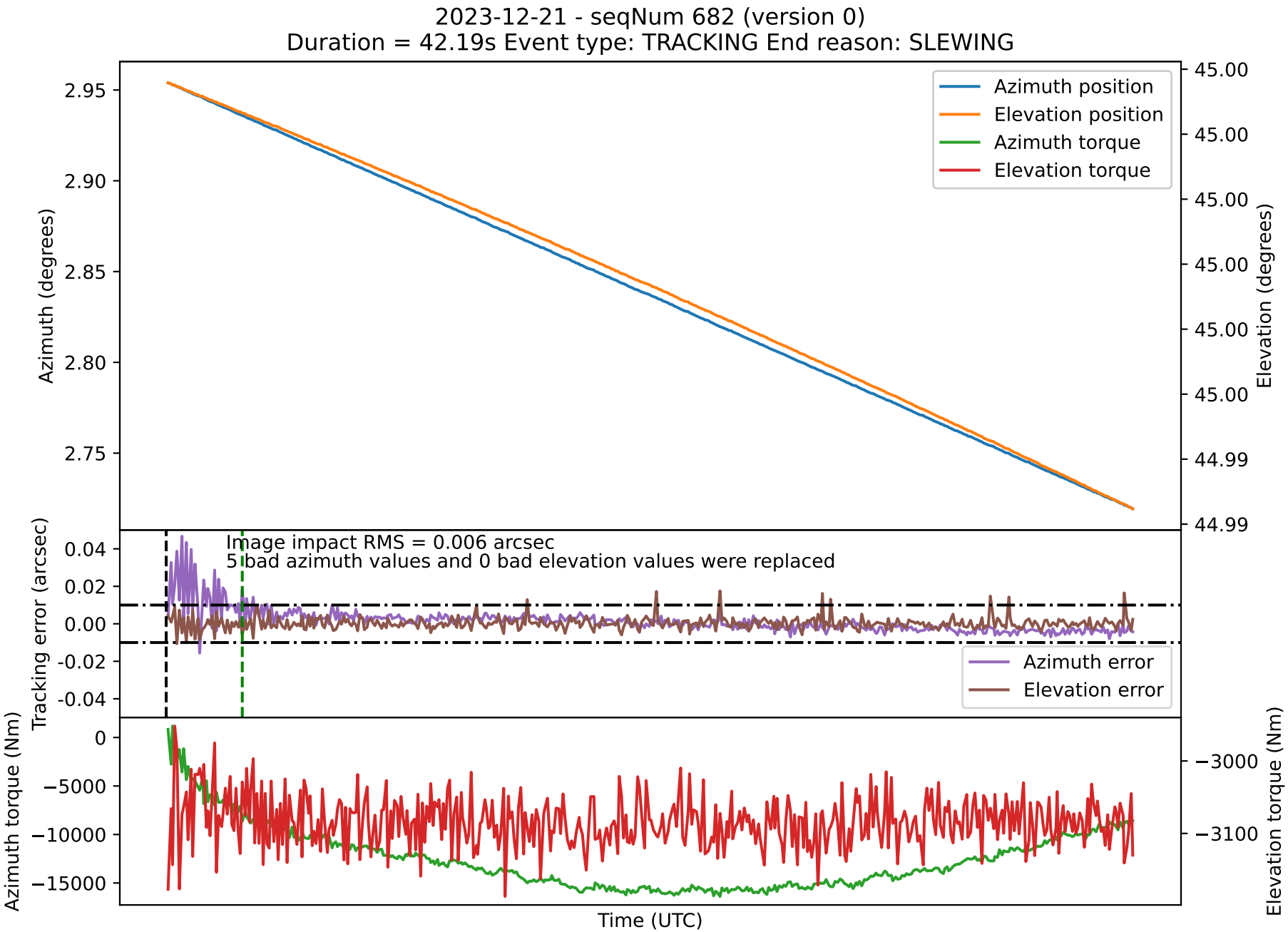

2023-12-21 - seqNum 672 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-1.40
-1.45
-1.50
-1.55
-1.60
-1.65
48.86
48.86
48.86
48.86
48.86
48.85
48.85
48.85
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3000
−3100
−3200
Time (UTC)

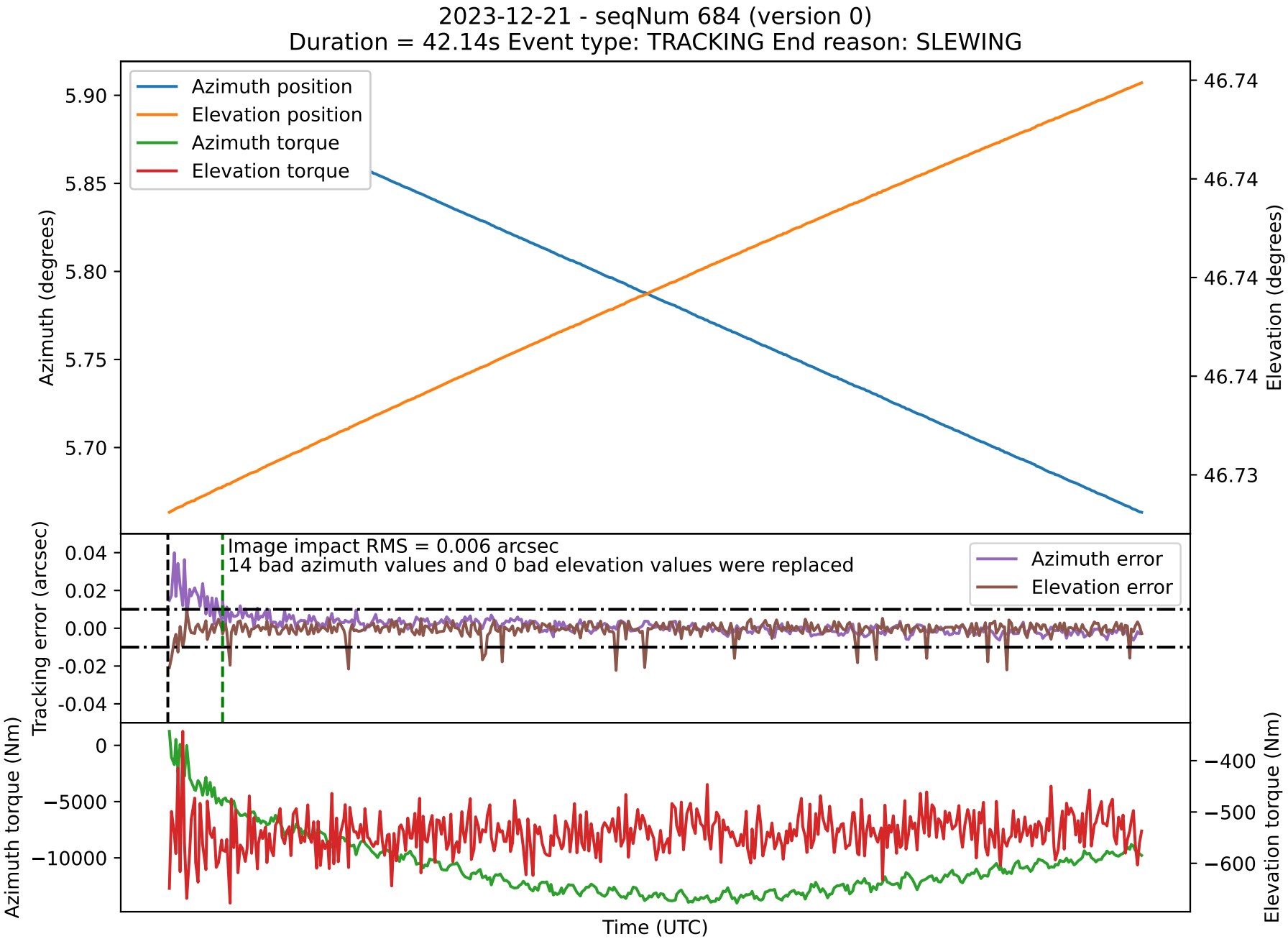

2023-12-21 - seqNum 674 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-6.45
-6.50
-6.55
-6.60
-6.65
-6.70
49.48
49.48
49.48
49.47
49.46
49.46
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−500
−1000
−1500
Time (UTC)

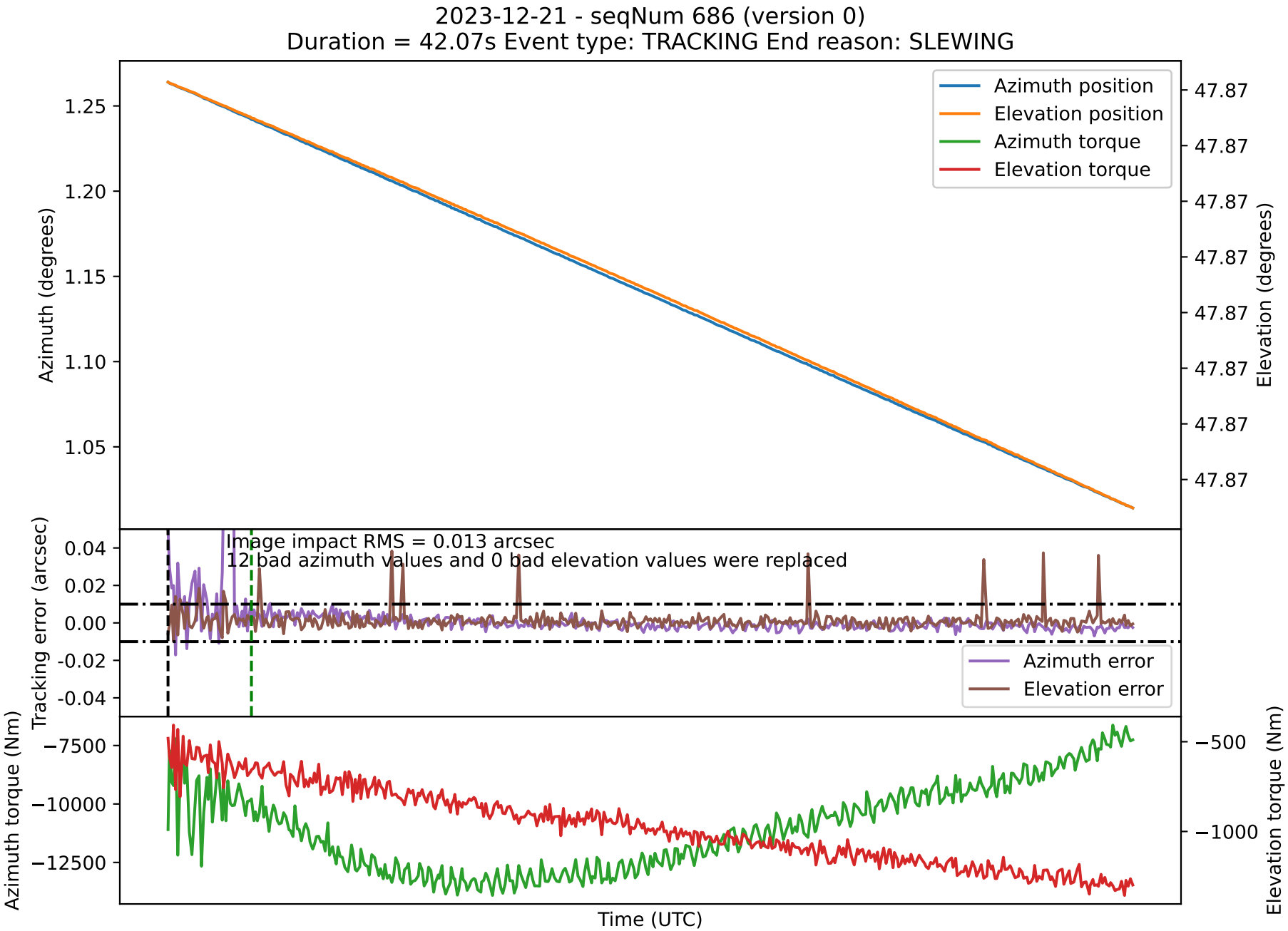

2023-12-21 - seqNum 676 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-5.10
-5.15
-5.20
-5.25
-5.30
-5.35
46.80
46.79
46.79
46.78
46.78
Image impact RMS = 0.007 arcsec
13 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3100
−3200
−3300
Time (UTC)

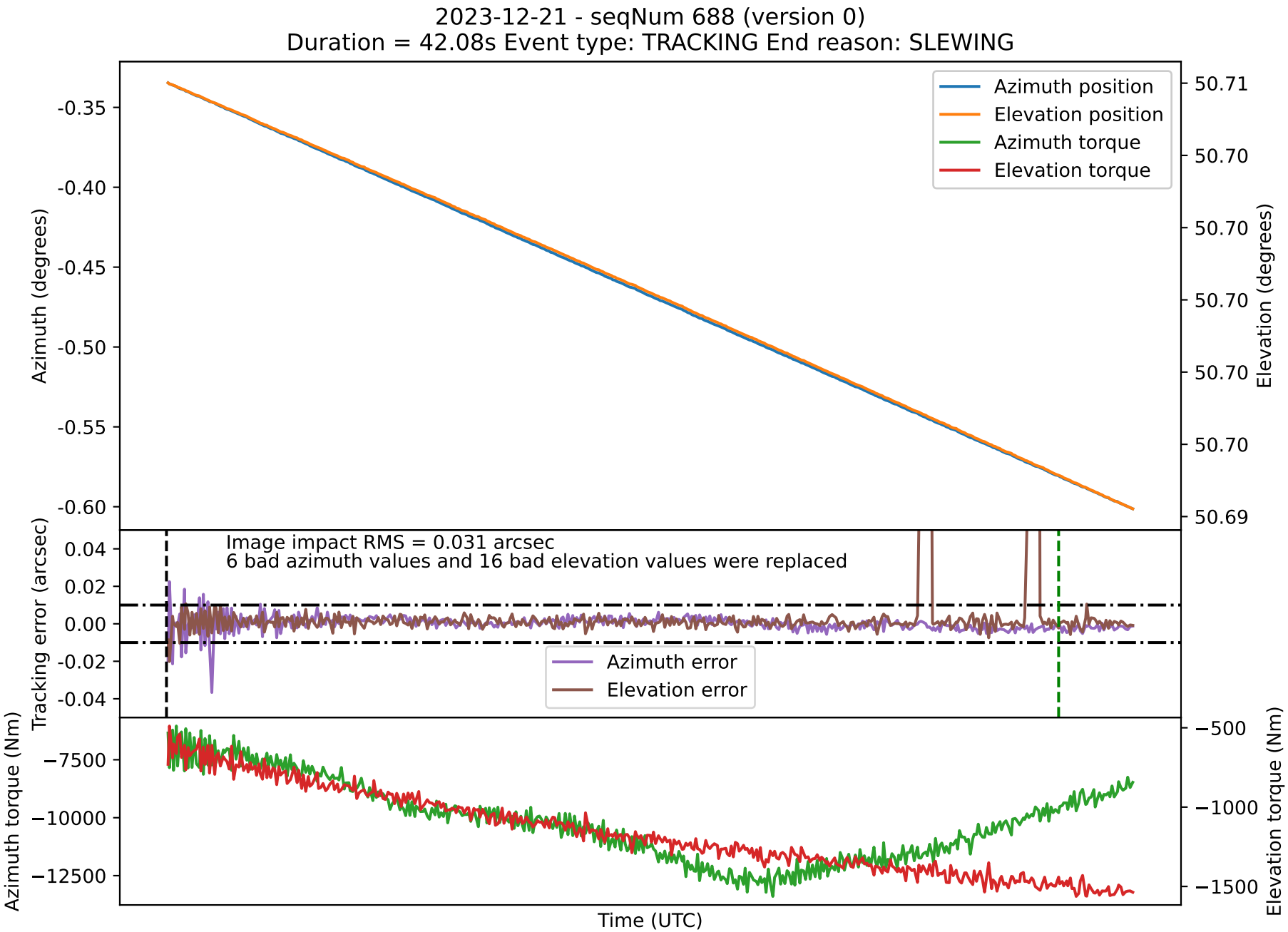

2023-12-21 - seqNum 678 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.90
-3.95
-4.00
-4.05
-4.10
44.08
44.08
44.07
44.07
Image impact RMS = 0.018 arcsec
18 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−3000
−3100
−3200
−3300
Time (UTC)

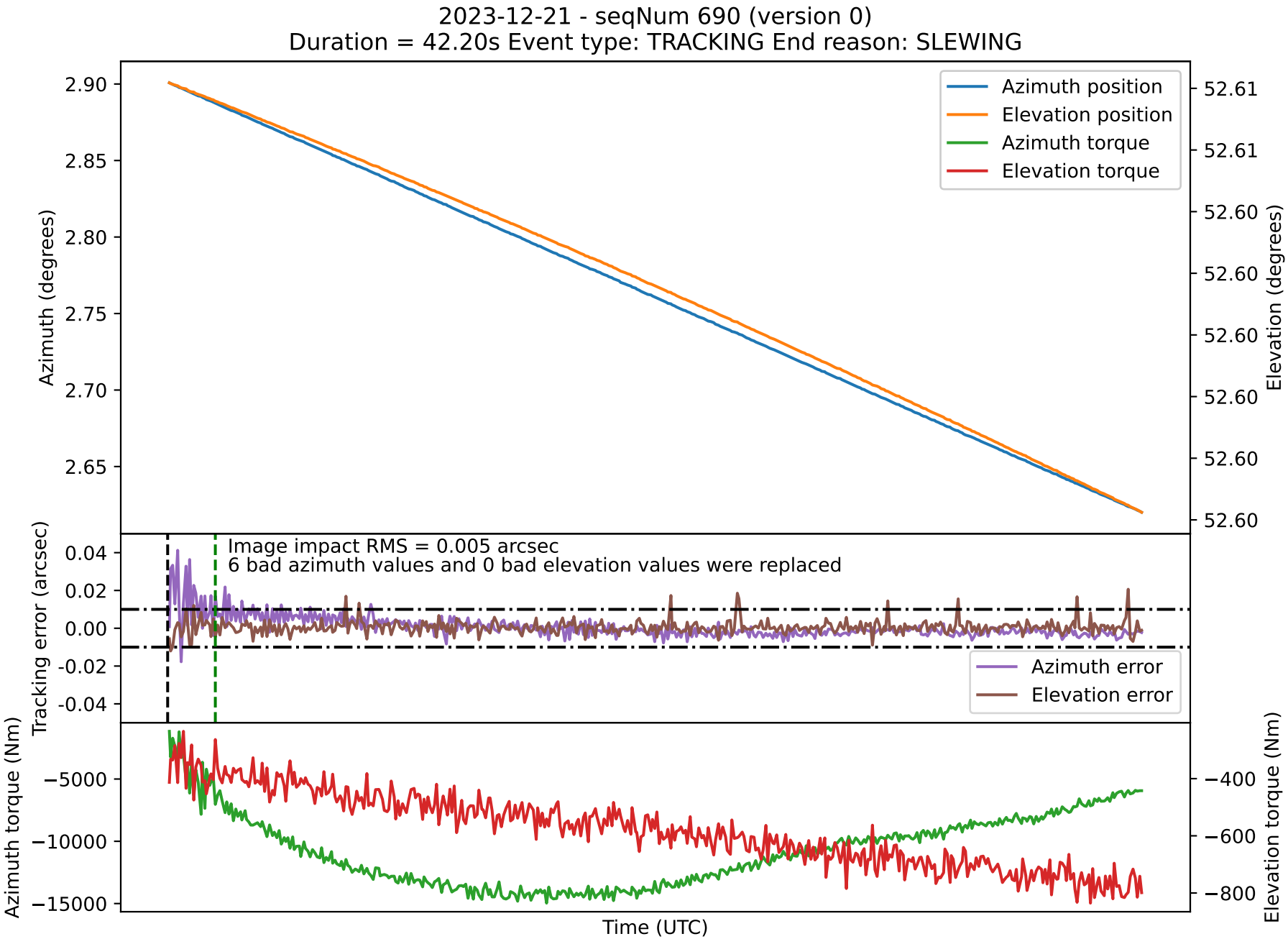

2023-12-21 - seqNum 680 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-1.10
-1.15
-1.20
-1.25
-1.30
-1.35
46.02
46.02
46.02
46.02
46.01
46.01
46.01
46.01
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−500
−1000
Time (UTC)

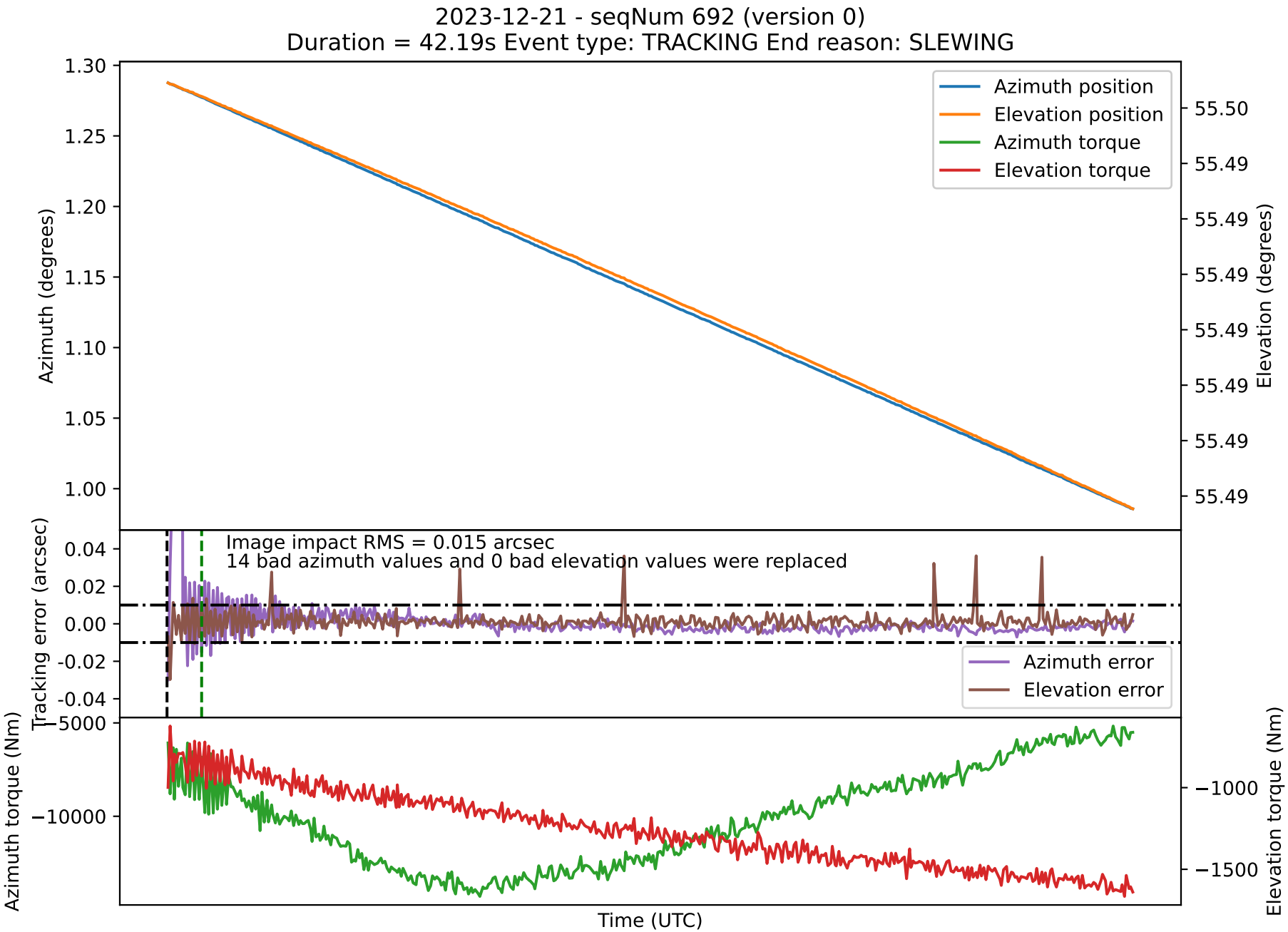

2023-12-21 - seqNum 682 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
2.95
2.90
2.85
2.80
2.75
45.00
45.00
45.00
45.00
45.00
45.00
44.99
44.99
Image impact RMS = 0.006 arcsec
5 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3000
−3100
Time (UTC)

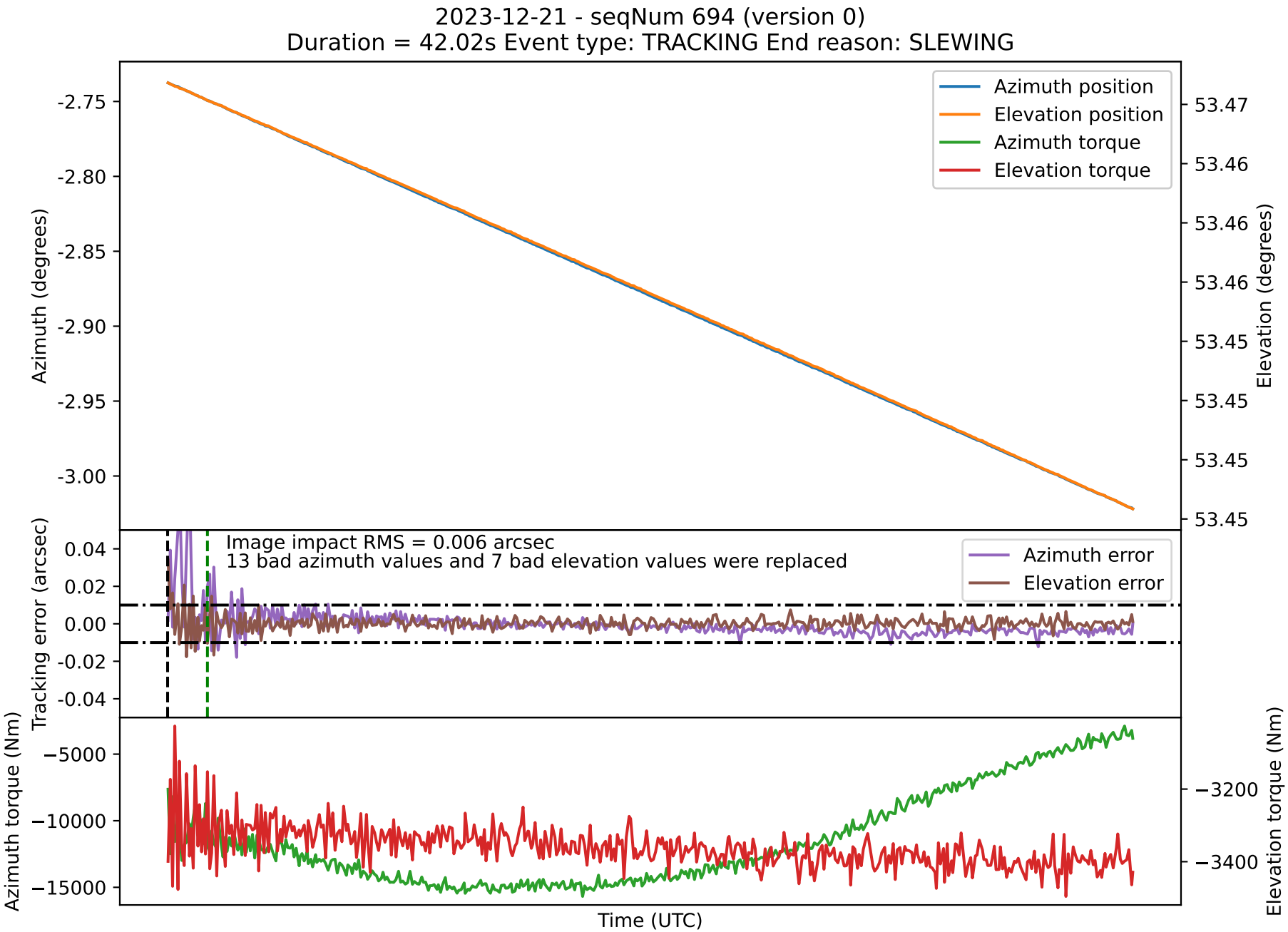

2023-12-21 - seqNum 684 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
5.90
5.85
5.80
5.75
5.70
46.74
46.74
46.74
46.74
46.73
Image impact RMS = 0.006 arcsec
14 bad azimuth values and 0 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−400
−500
−600
Time (UTC)

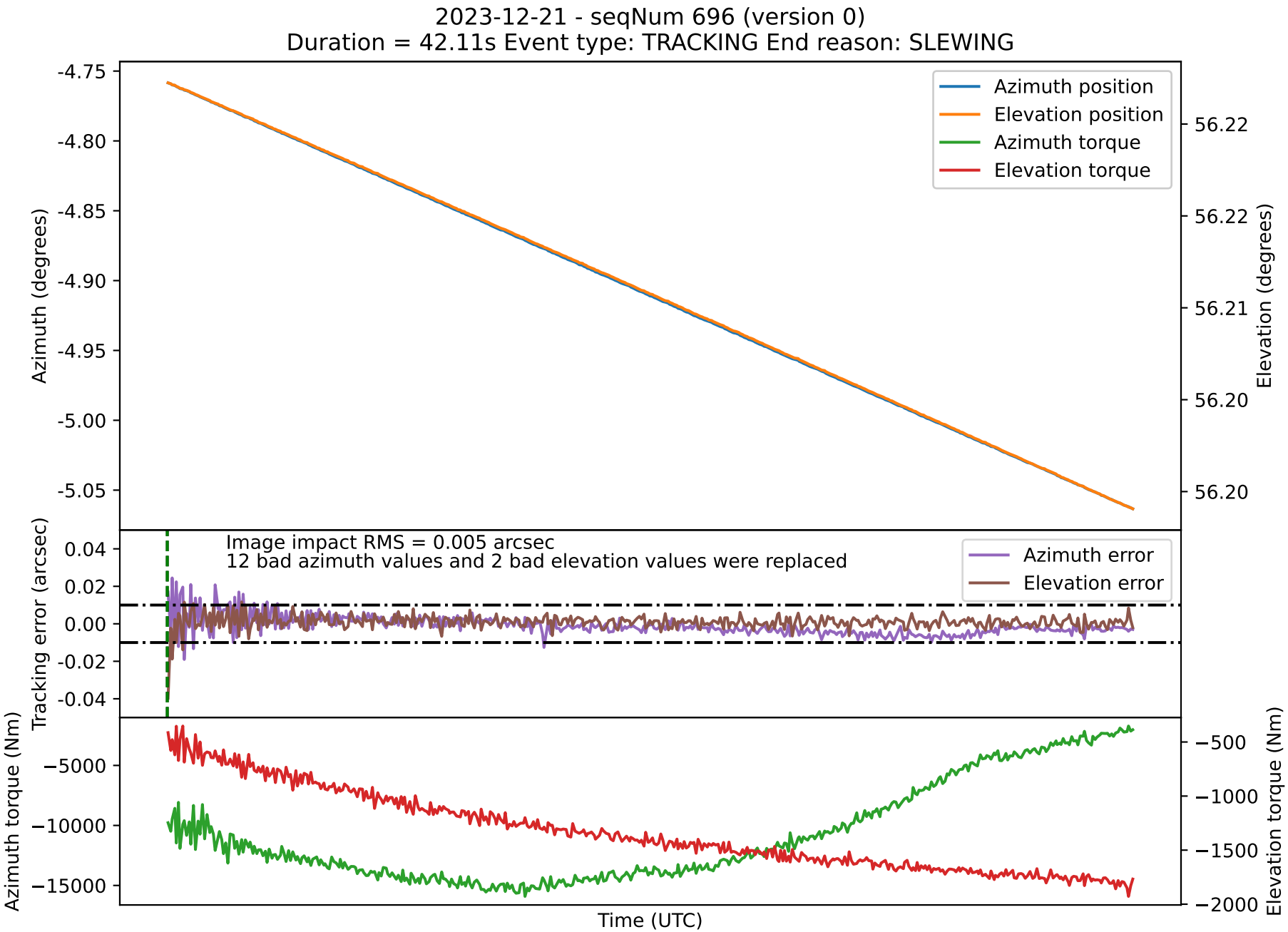

2023-12-21 - seqNum 686 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
1.25
1.20
1.15
1.10
1.05
47.87
Image impact RMS = 0.013 arcsec
12 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−500
−1000
Time (UTC)

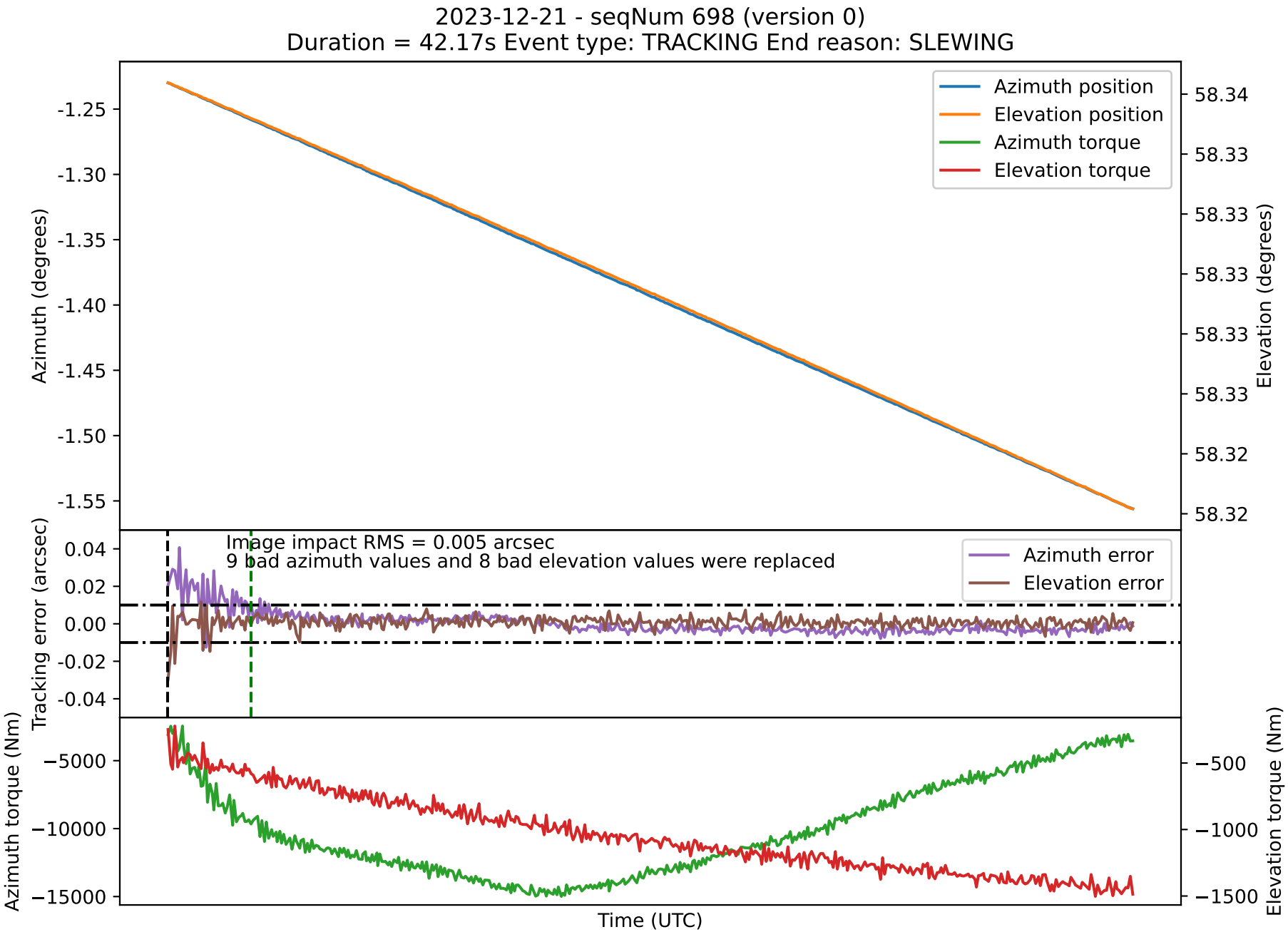

2023-12-21 - seqNum 688 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-0.35
-0.40
-0.45
-0.50
-0.55
-0.60
50.71
50.70
50.70
50.70
50.70
50.70
50.69
Image impact RMS = 0.031 arcsec
6 bad azimuth values and 16 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−500
−1000
−1500
Time (UTC)

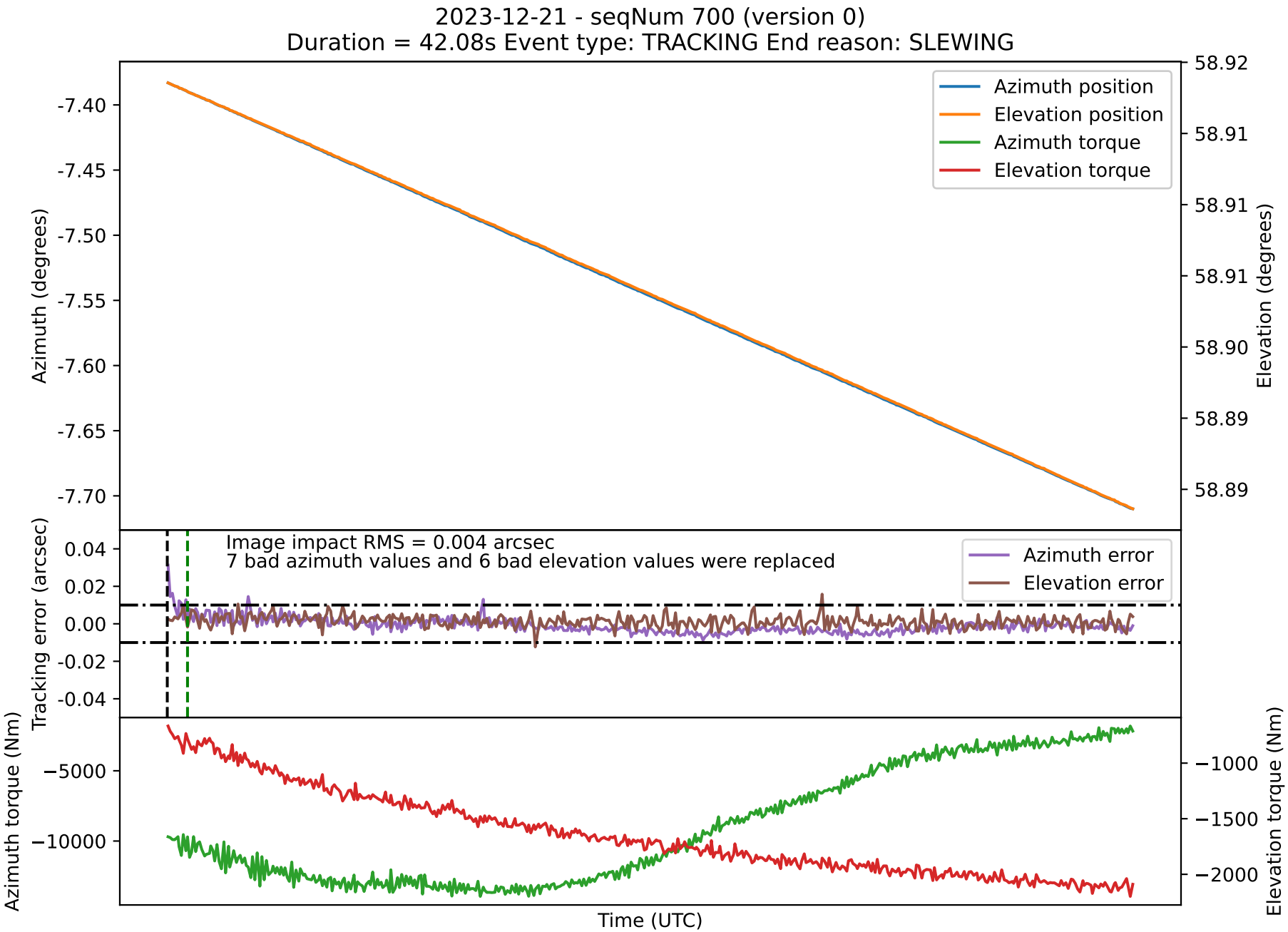

2023-12-21 - seqNum 690 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
2.90
2.85
2.80
2.75
2.70
2.65
52.61
52.61
52.60
52.60
52.60
52.60
52.60
52.60
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−400
−600
−800
Time (UTC)

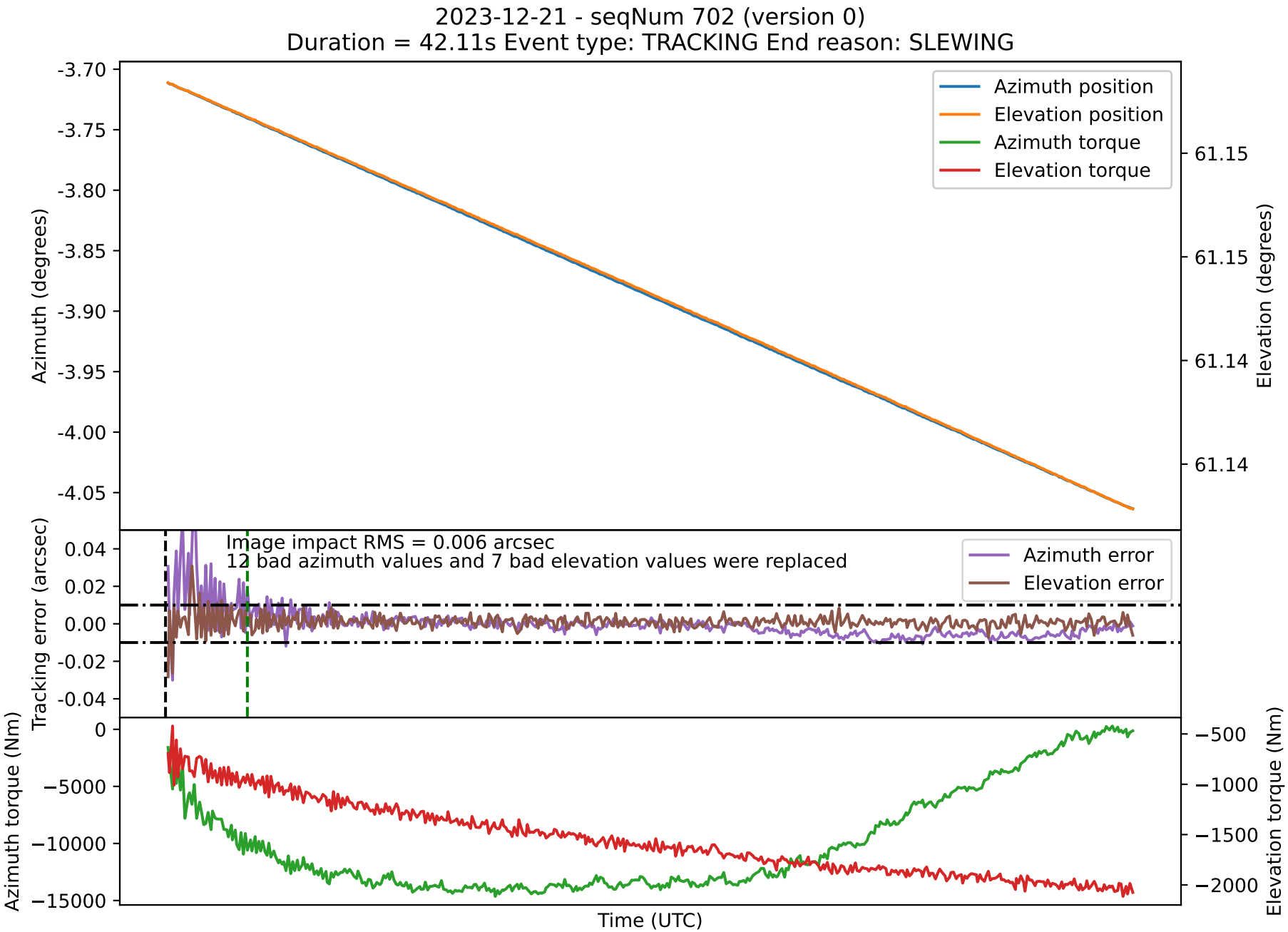

2023-12-21 - seqNum 692 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.015 arcsec
14 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

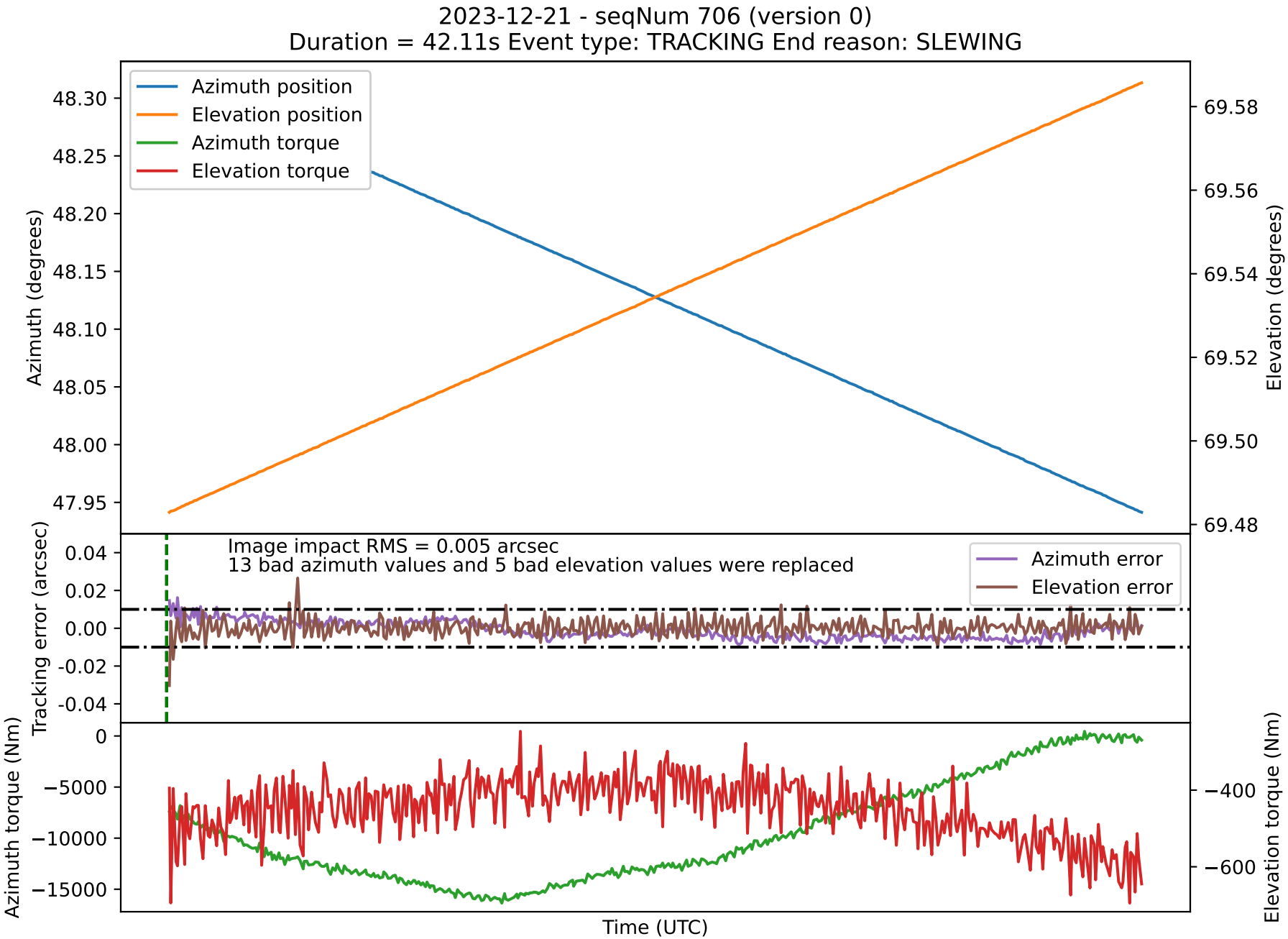

2023-12-21 - seqNum 694 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-2.75
-2.80
-2.85
-2.90
-2.95
-3.00
53.47
53.46
53.46
53.46
53.45
53.45
53.45
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3200
−3400
Time (UTC)

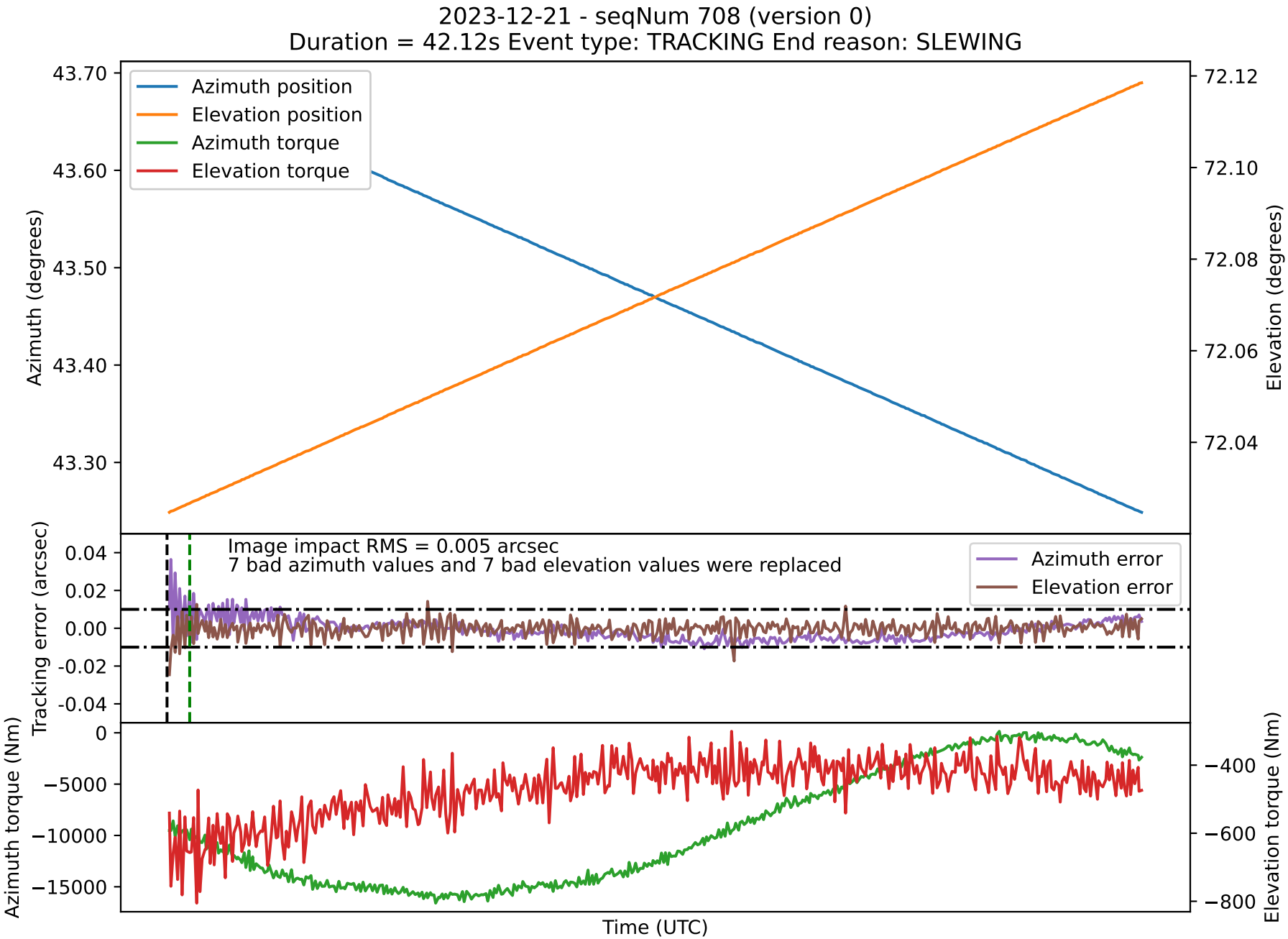

2023-12-21 - seqNum 696 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-4.75
-4.80
-4.85
-4.90
-4.95
-5.00
-5.05
56.22
56.22
56.21
56.20
56.20
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−500
−1000
−1500
−2000
Time (UTC)

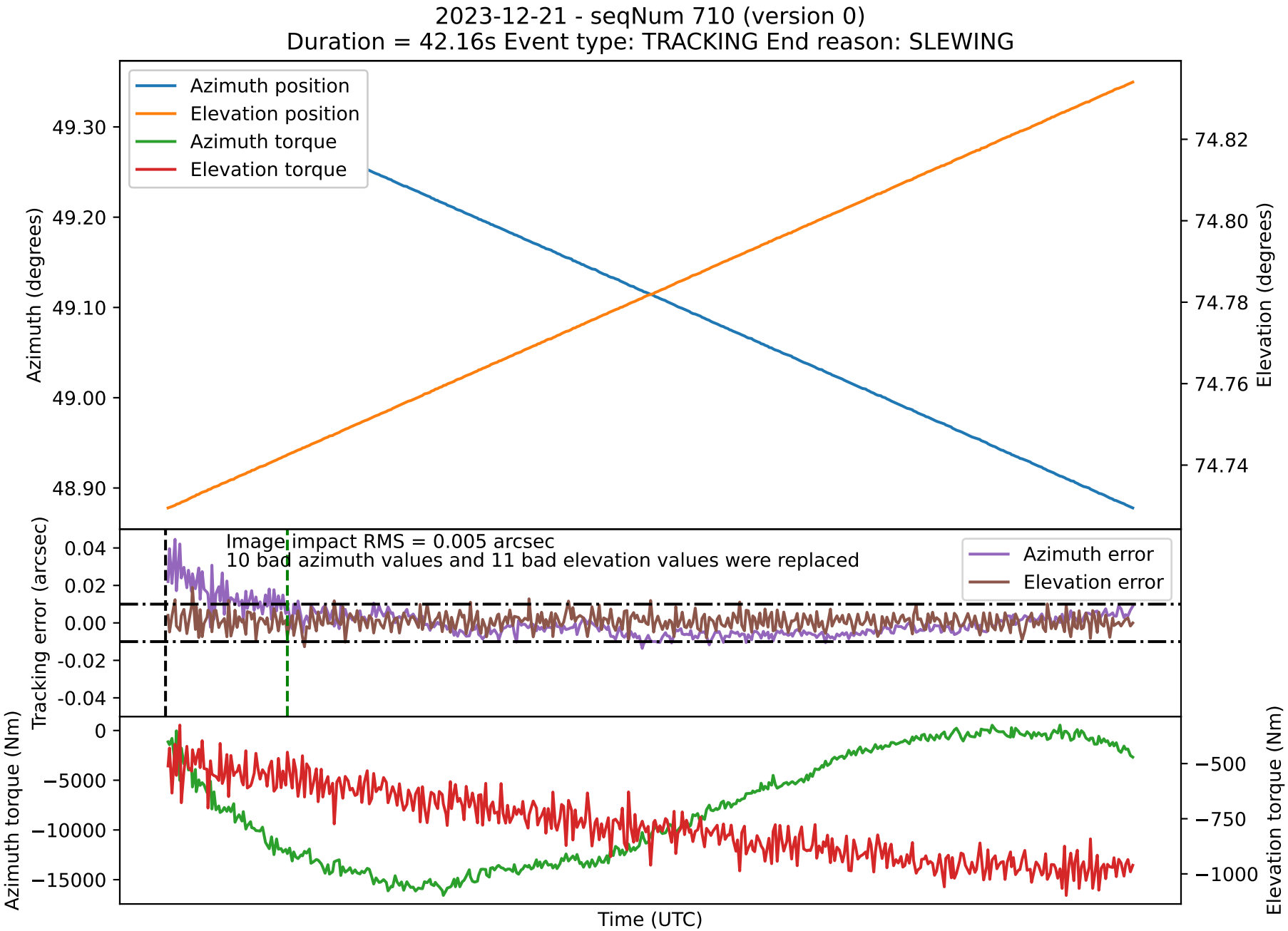

2023-12-21 - seqNum 698 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-1.25
-1.30
-1.35
-1.40
-1.45
-1.50
-1.55
58.34
58.33
58.33
58.33
58.33
58.33
58.32
58.32
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−500
−1000
−1500
Time (UTC)

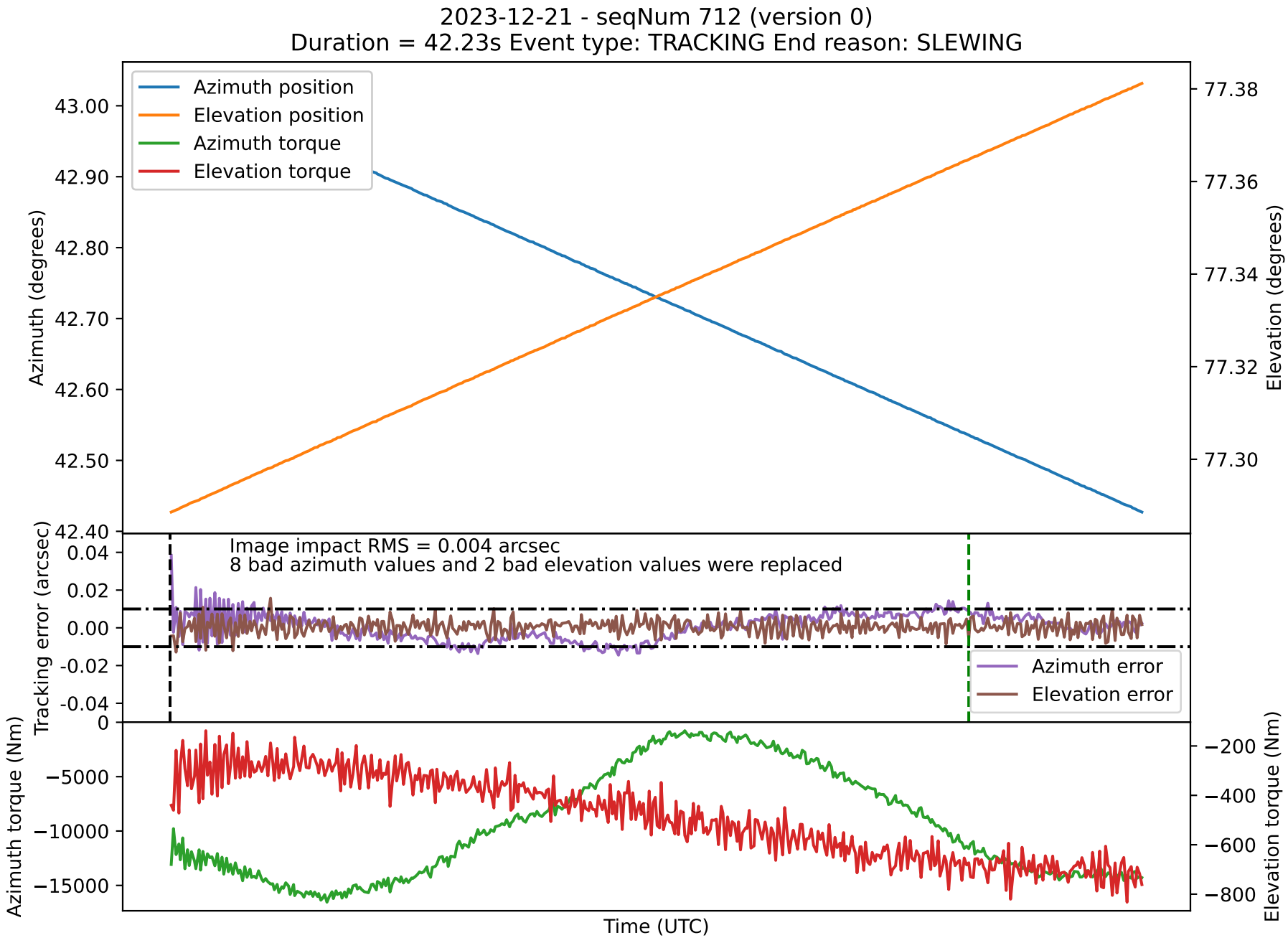

2023-12-21 - seqNum 700 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-7.40
-7.45
-7.50
-7.55
-7.60
-7.65
-7.70
58.92
58.91
58.91
58.91
58.90
58.89
58.89
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1000
−1500
−2000
Time (UTC)

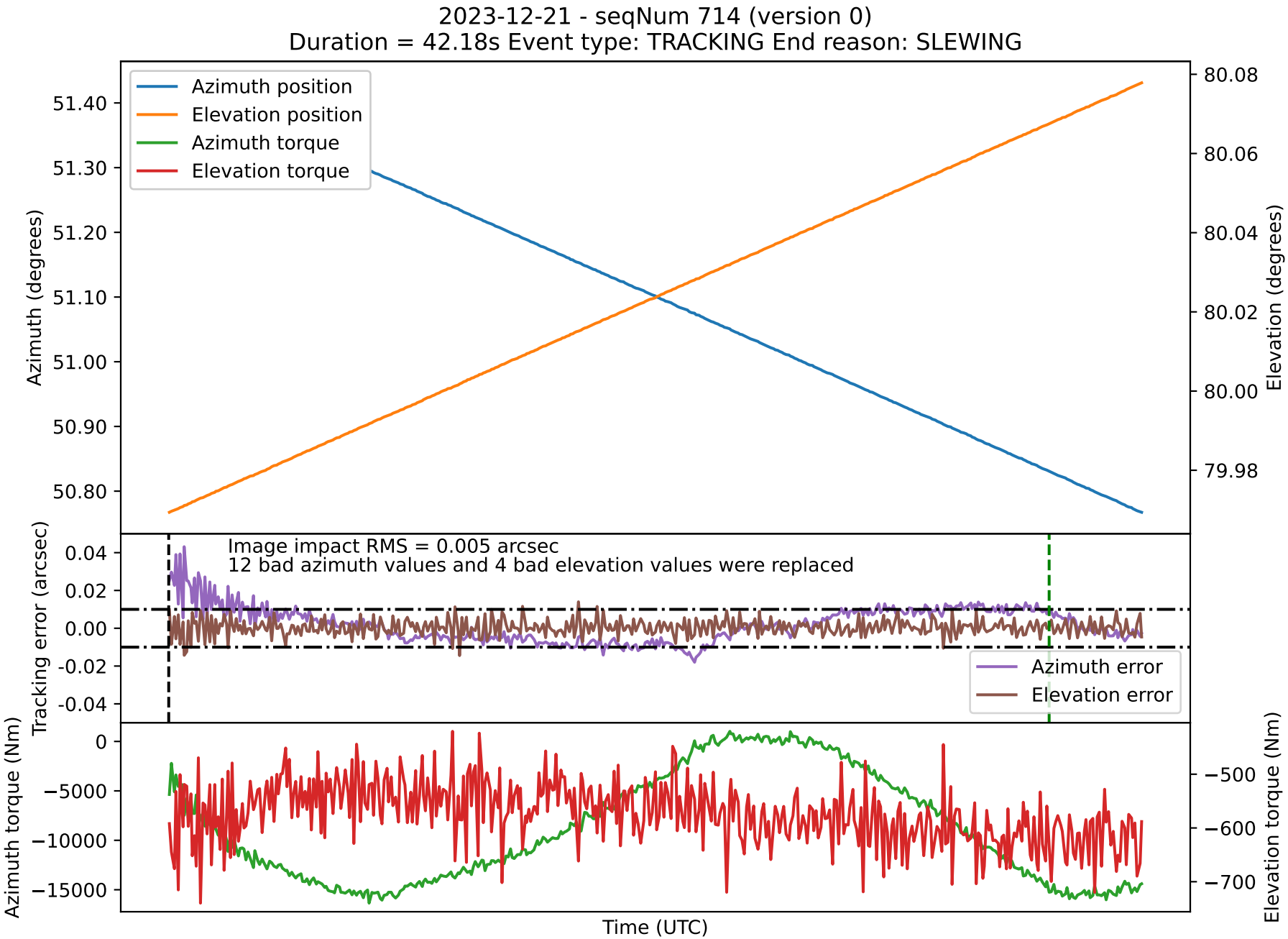

2023-12-21 - seqNum 702 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-3.70
-3.75
-3.80
-3.85
-3.90
-3.95
-4.00
-4.05
61.15
61.15
61.14
61.14
Image impact RMS = 0.006 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−500
−1000
−1500
−2000
Time (UTC)

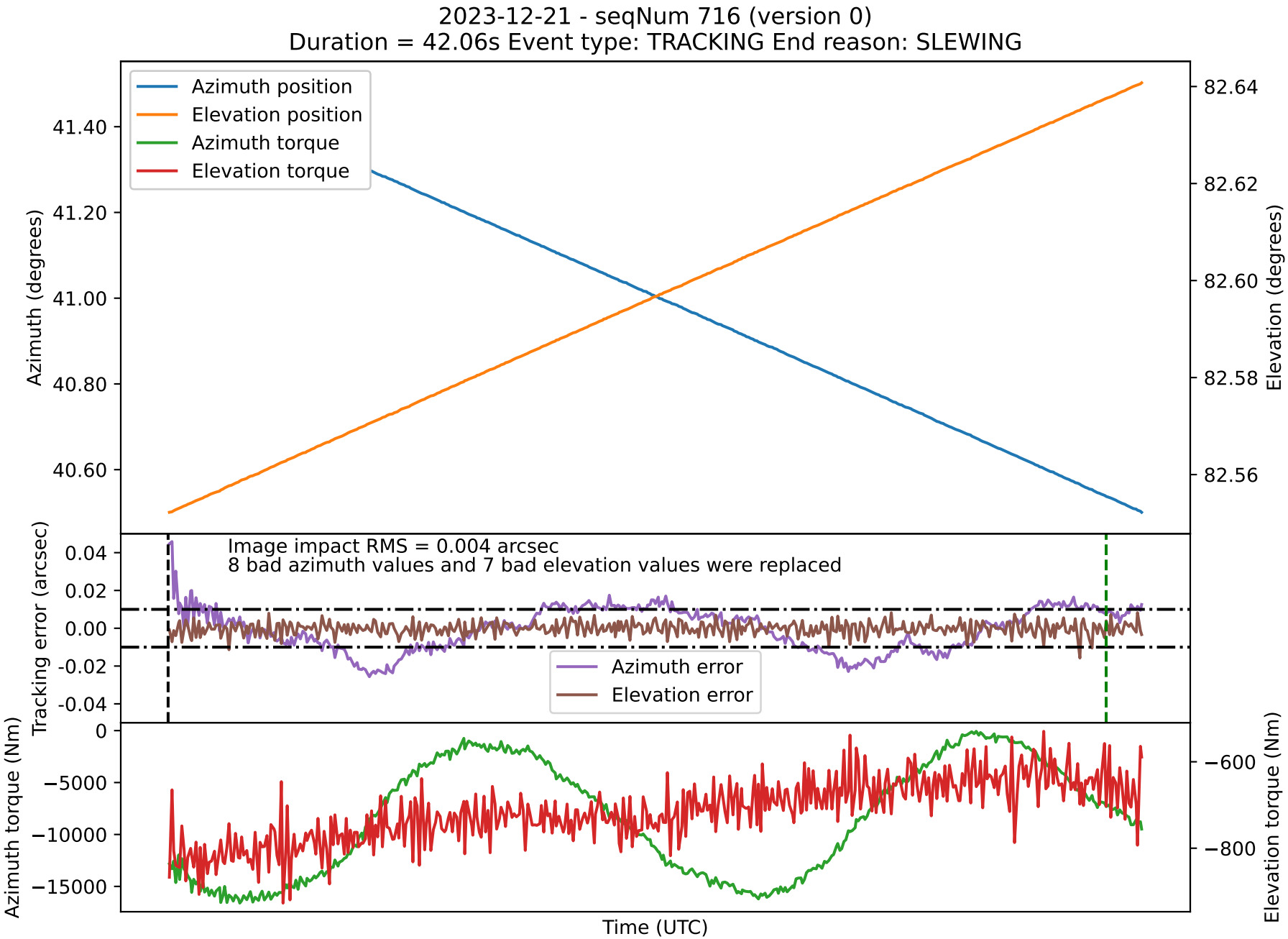

2023-12-21 - seqNum 706 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
48.30
48.25
48.20
48.15
48.10
48.05
48.00
47.95
69.58
69.56
69.54
69.52
69.50
69.48
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−400
−600
Time (UTC)

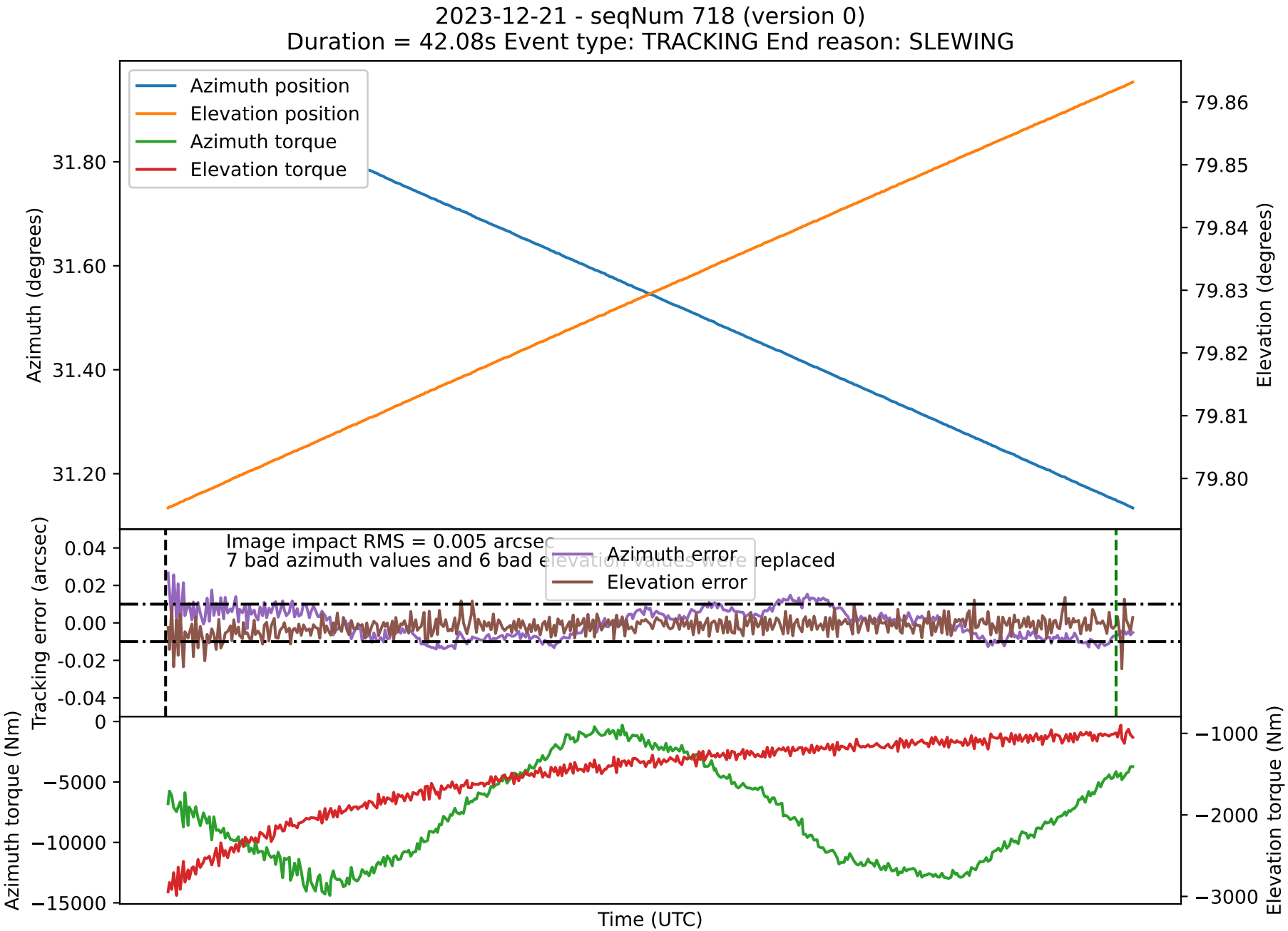

2023-12-21 - seqNum 708 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
43.70
43.60
43.50
43.40
43.30
72.12
72.10
72.08
72.06
72.04
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−400
−600
−800
Time (UTC)

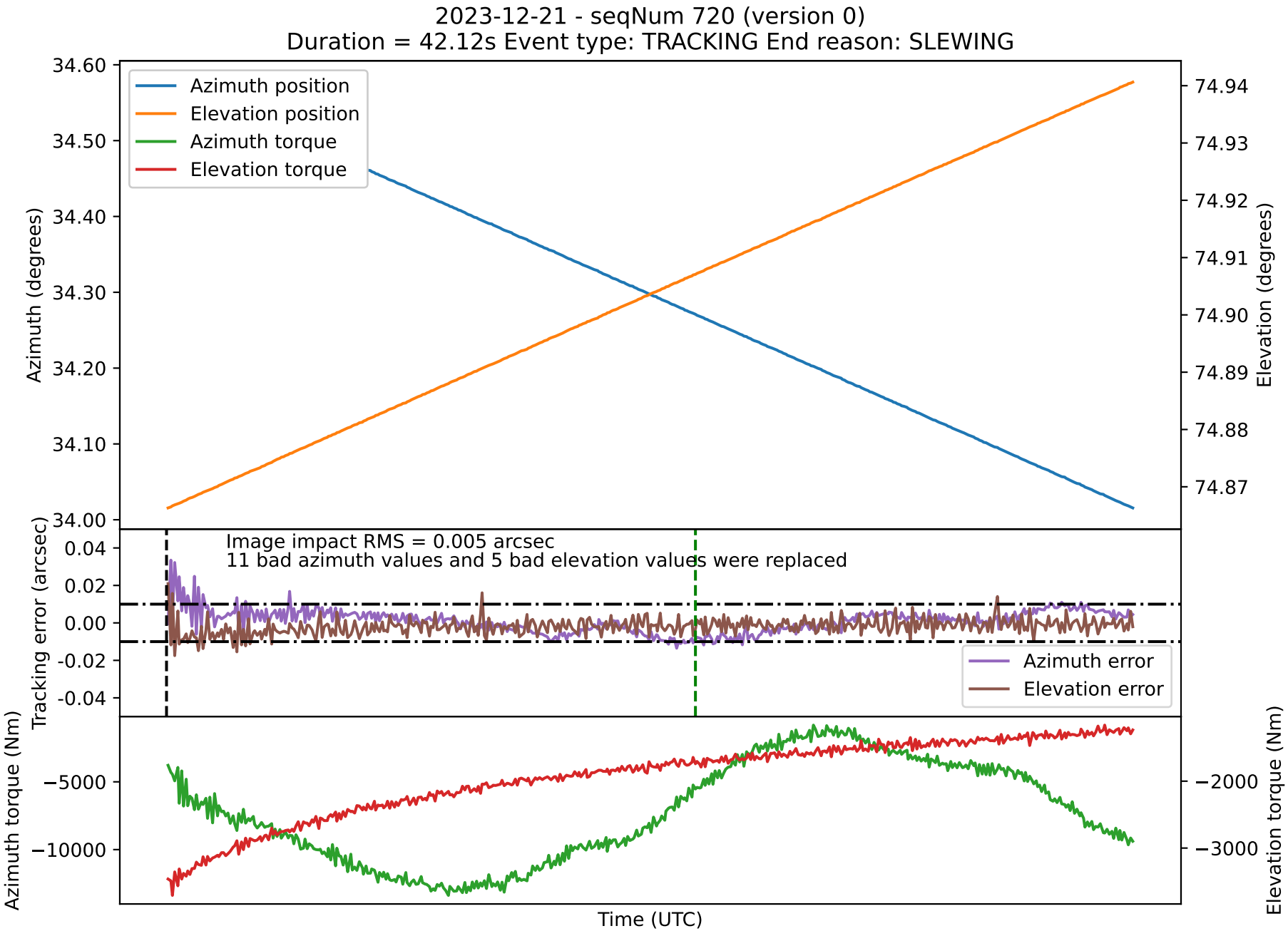

2023-12-21 - seqNum 710 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
49.30
49.20
49.10
49.00
48.90
74.82
74.80
74.78
74.76
74.74
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 11 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−500
−750
−1000
Time (UTC)

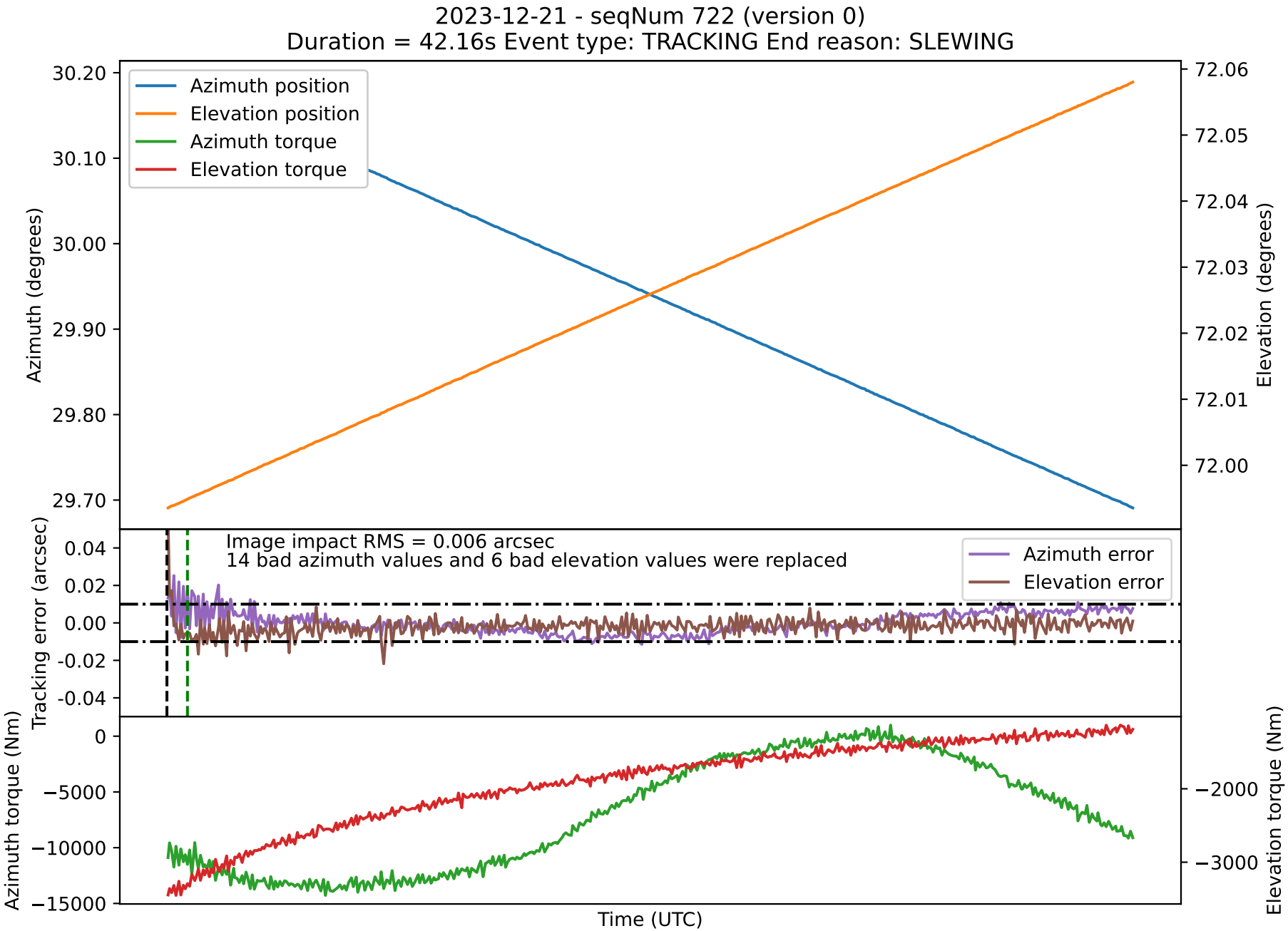

2023-12-21 - seqNum 712 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
43.00
42.90
42.80
42.70
42.60
42.50
42.40
77.38
77.36
77.34
77.32
77.30
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 2 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−200
−400
−600
−800
Time (UTC)

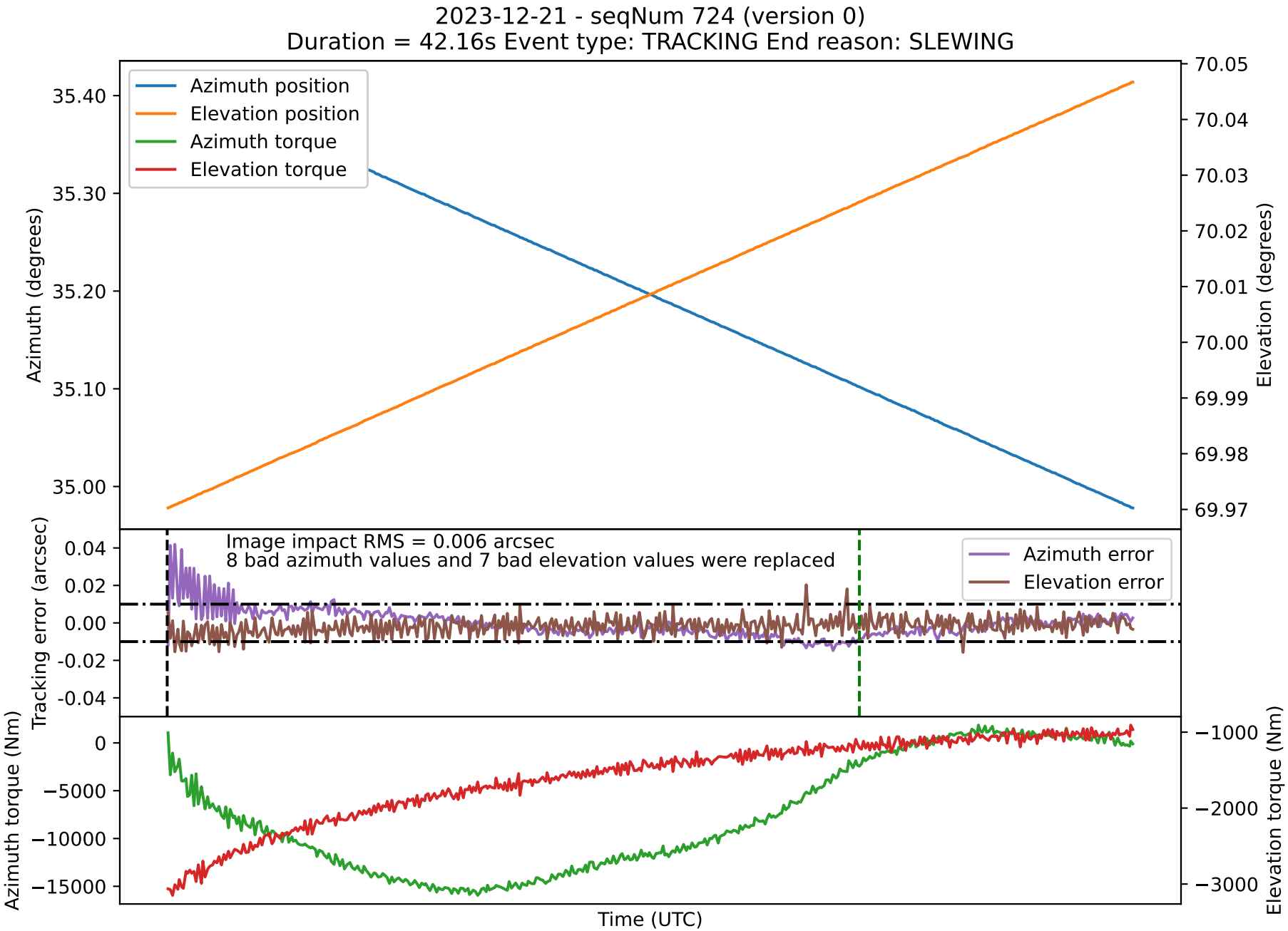

2023-12-21 - seqNum 714 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
51.40
51.30
51.20
51.10
51.00
50.90
50.80
80.08
80.06
80.04
80.02
80.00
79.98
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−500
−600
−700
Time (UTC)

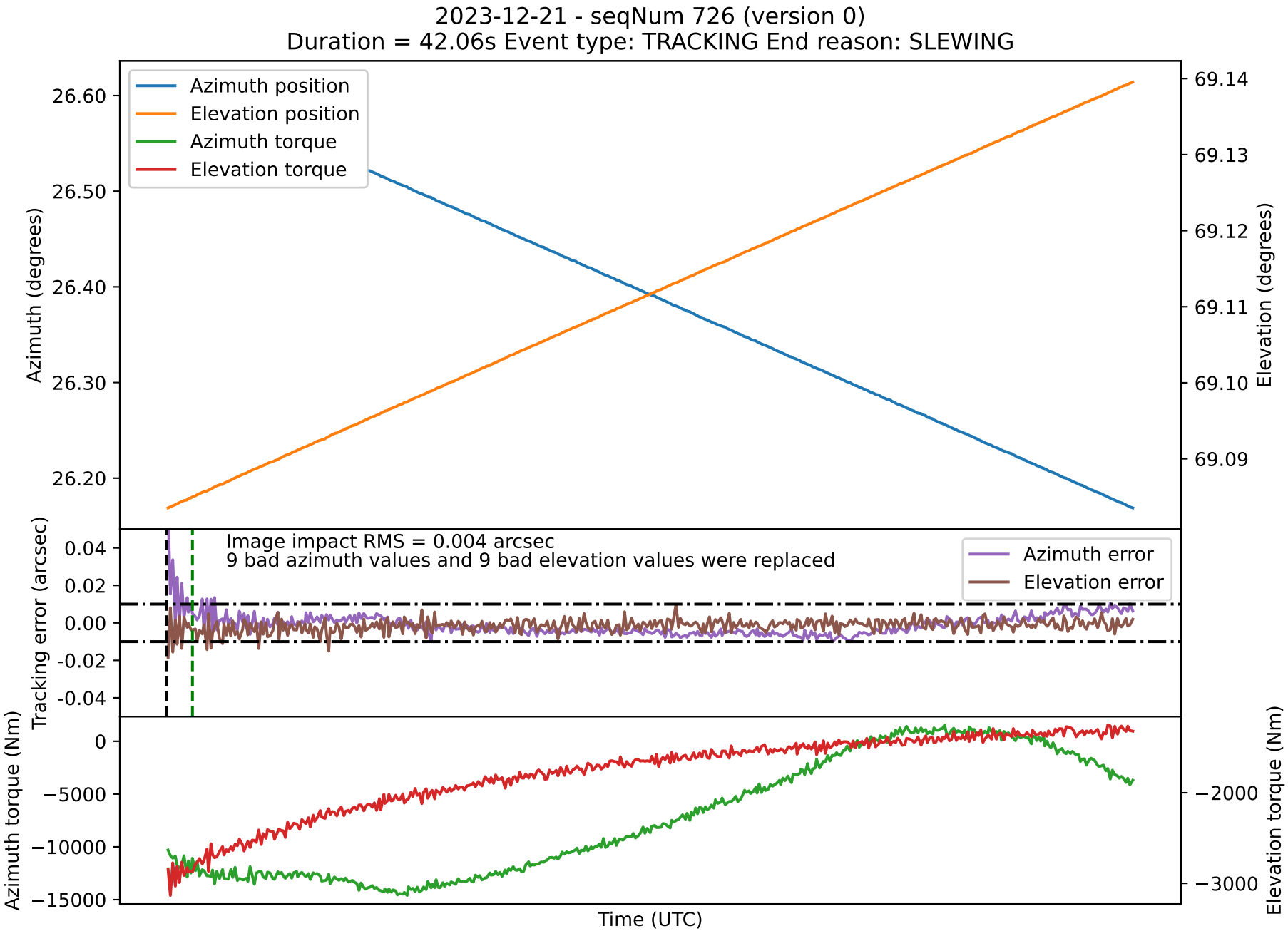

2023-12-21 - seqNum 716 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
41.40
41.20
41.00
40.80
40.60
82.64
82.62
82.60
82.58
82.56
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−600
−800
Time (UTC)

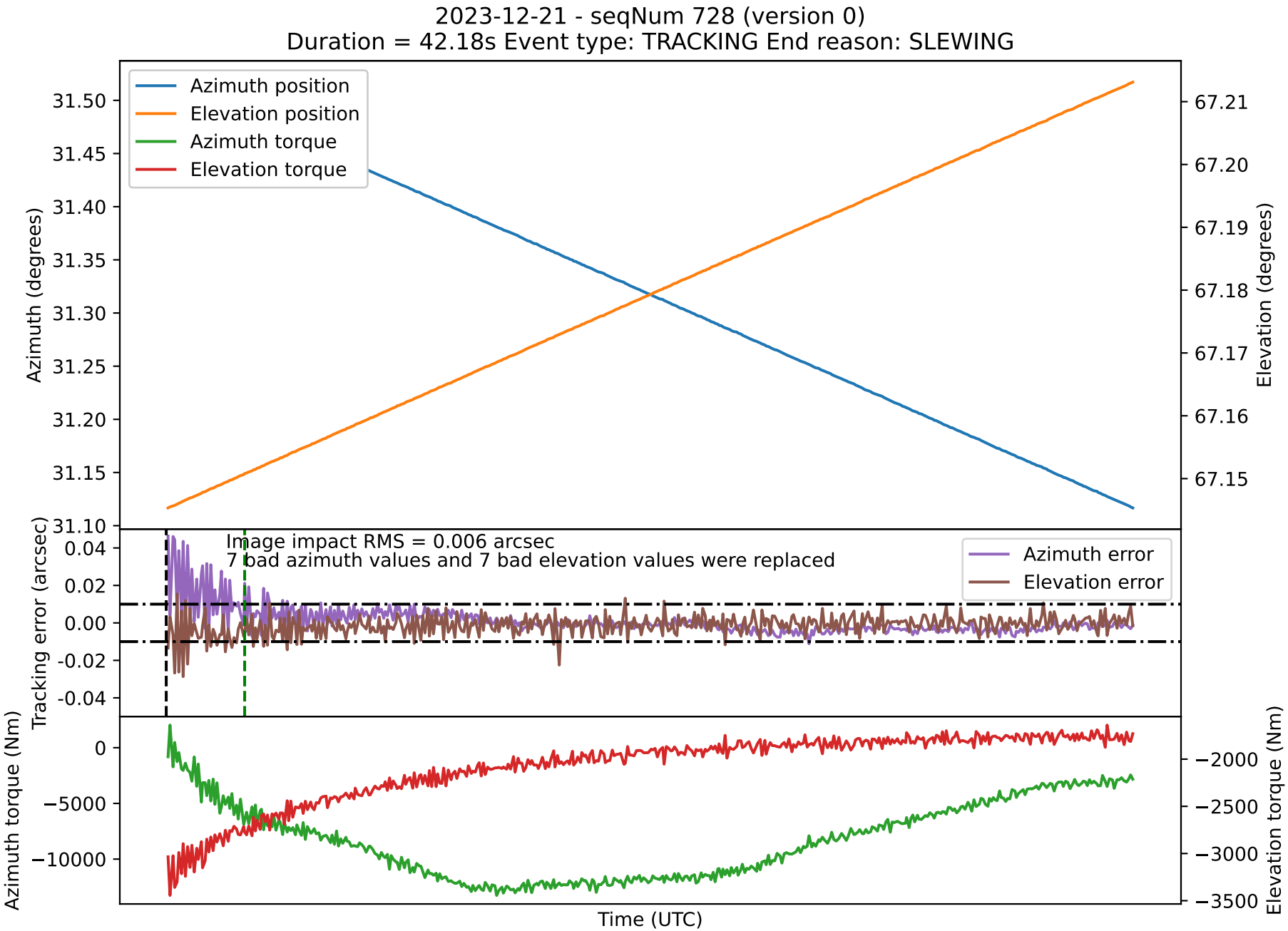

2023-12-21 - seqNum 718 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
31.80
31.60
31.40
31.20
79.86
79.85
79.84
79.83
79.82
79.81
79.80
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

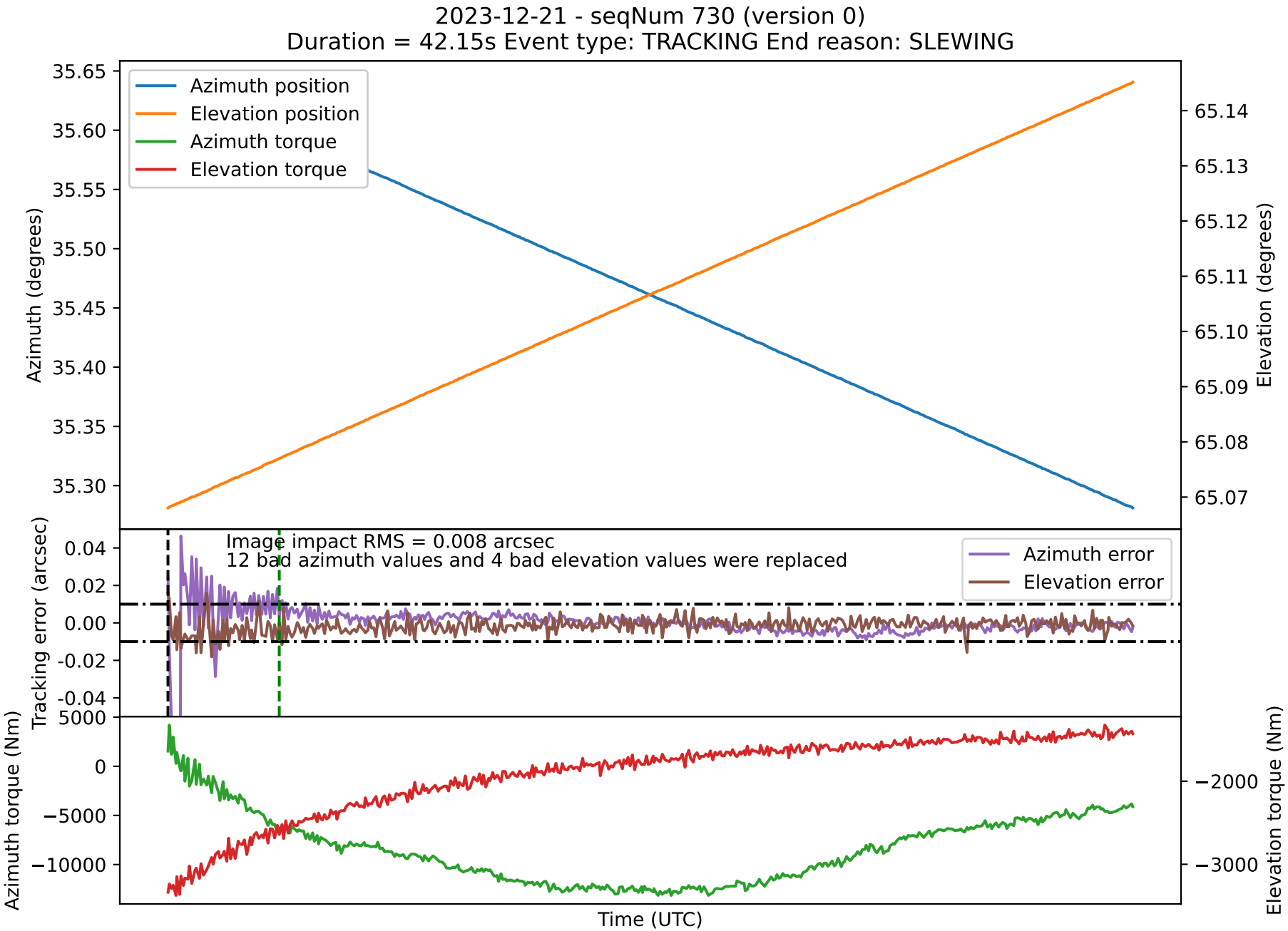

2023-12-21 - seqNum 720 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
34.60
34.50
34.40
34.30
34.20
34.10
34.00
74.94
74.93
74.92
74.91
74.90
74.89
74.88
74.87
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−2000
−3000
Time (UTC)

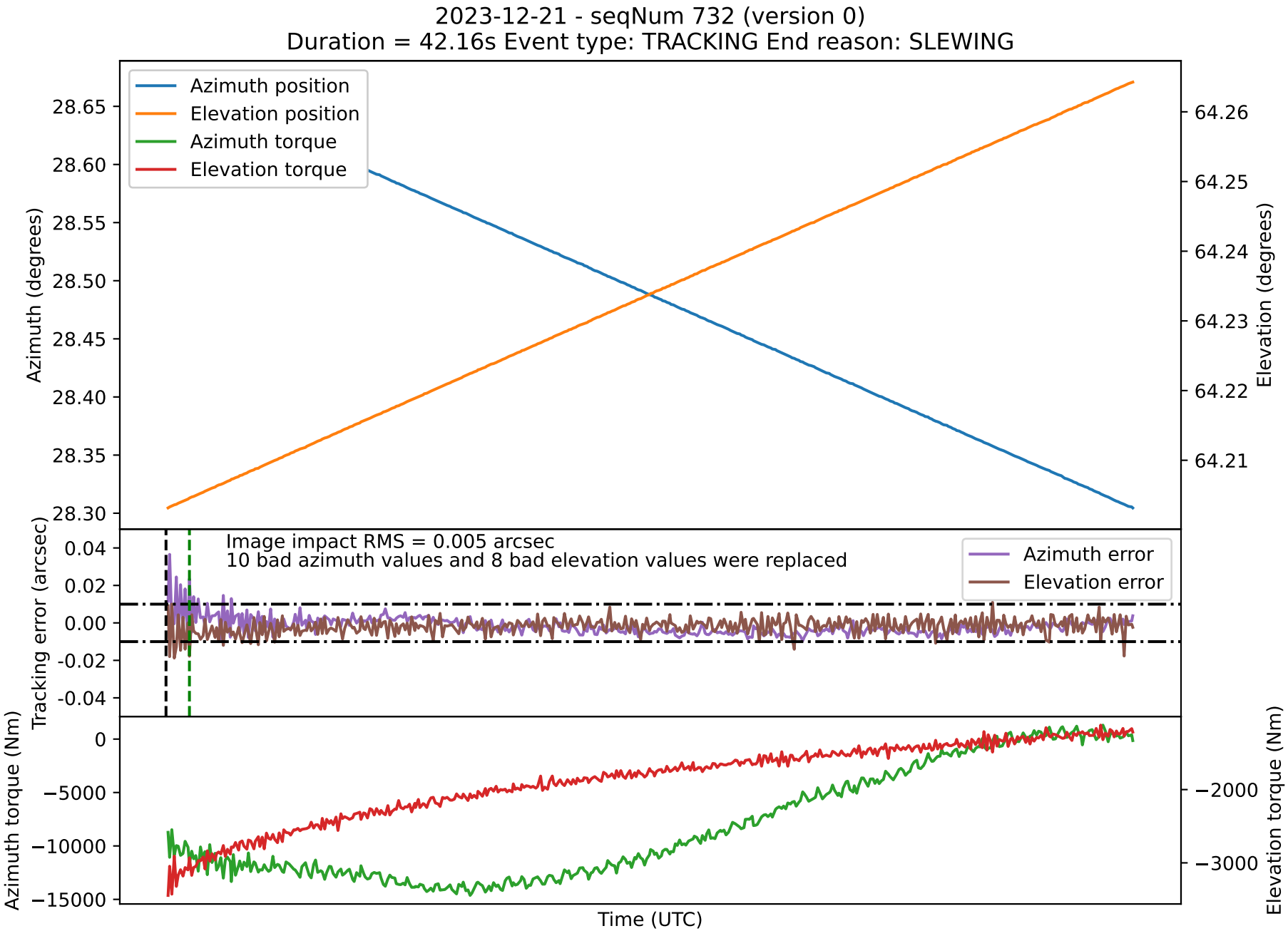

2023-12-21 - seqNum 722 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
30.20
30.10
30.00
29.90
29.80
29.70
72.06
72.05
72.04
72.03
72.02
72.01
72.00
Image impact RMS = 0.006 arcsec
14 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2000
−3000
Time (UTC)

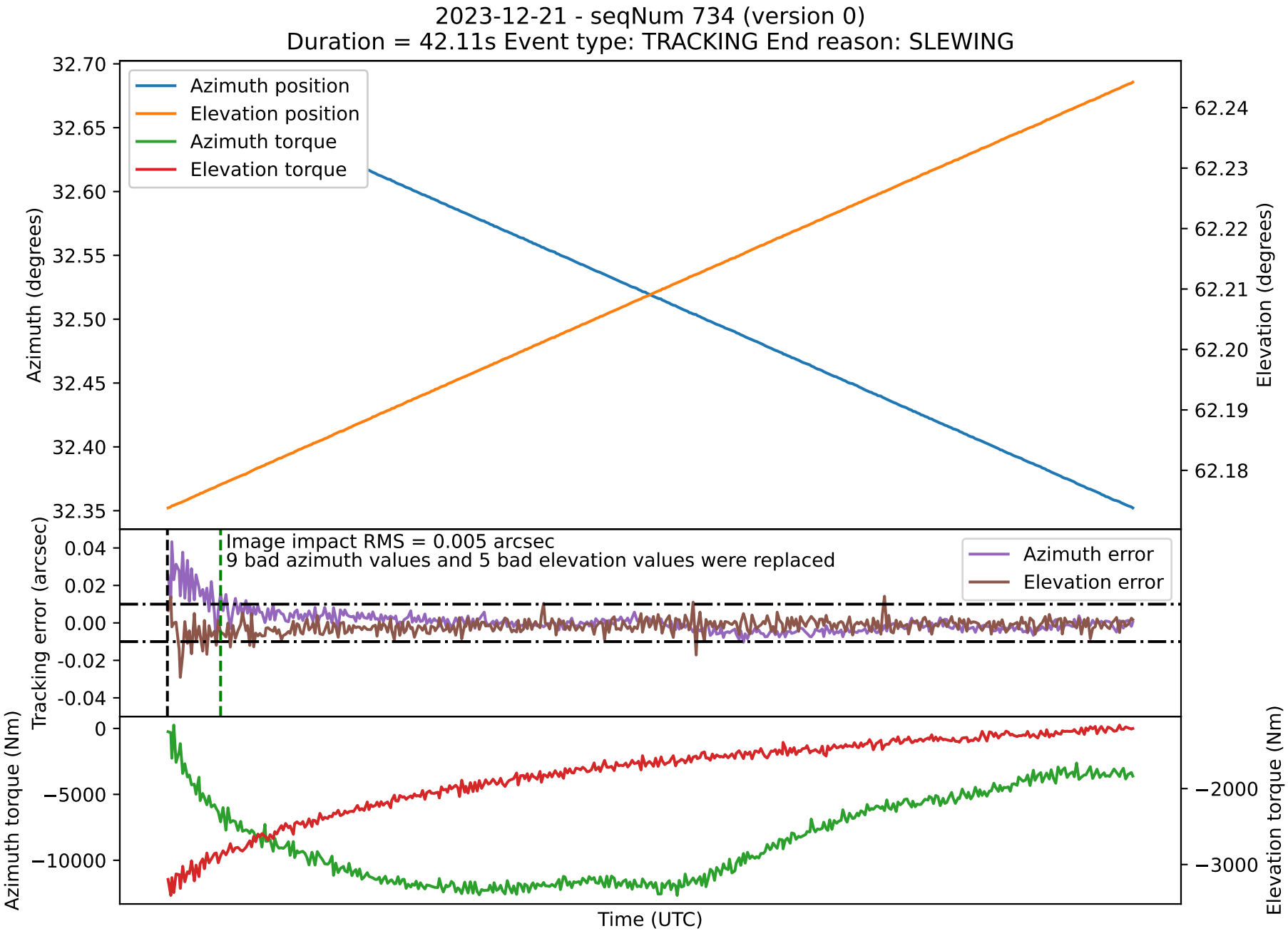

2023-12-21 - seqNum 724 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
35.40
35.30
35.20
35.10
35.00
70.05
70.04
70.03
70.02
70.01
70.00
69.99
69.98
69.97
Image impact RMS = 0.006 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

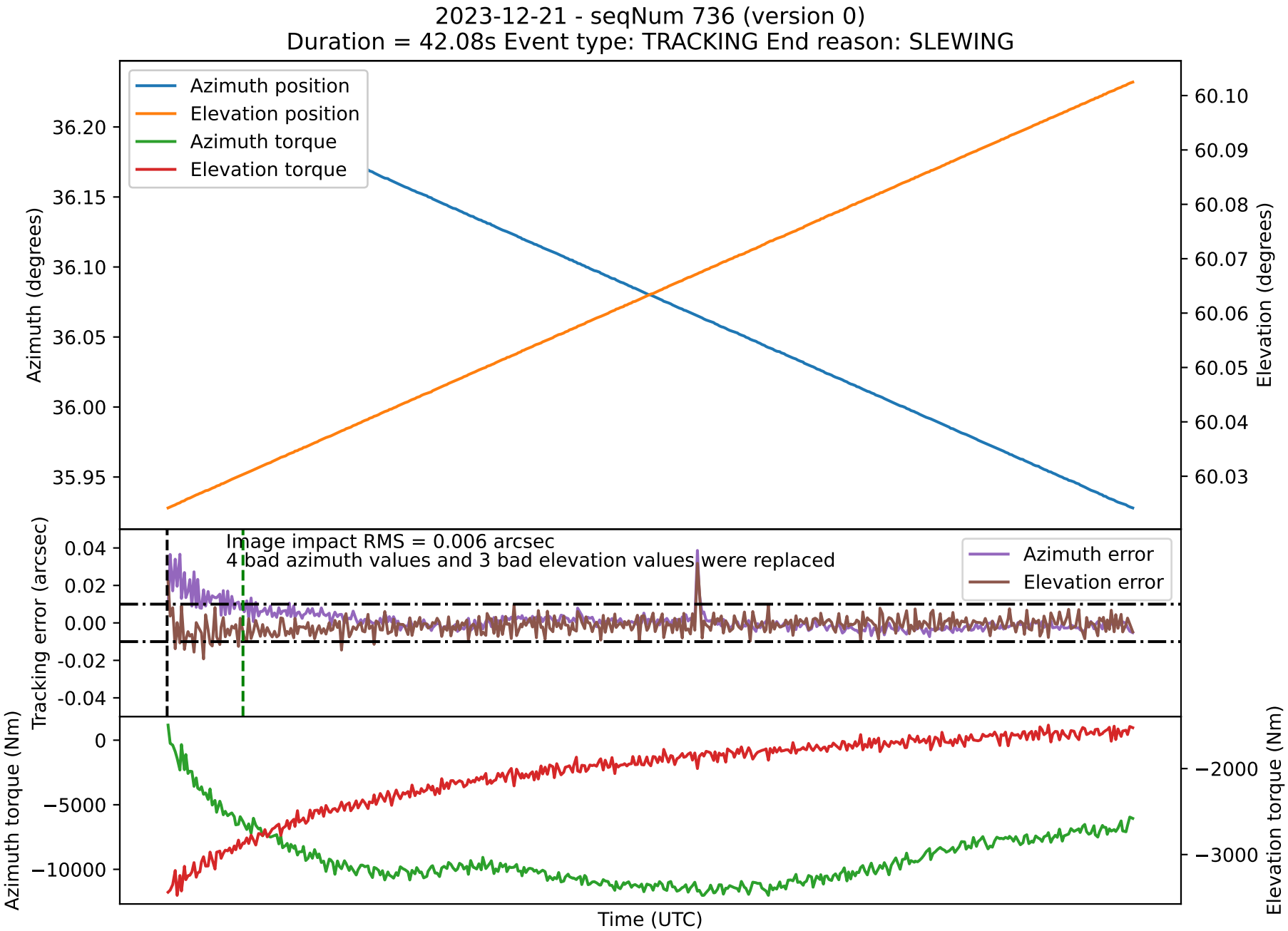

2023-12-21 - seqNum 726 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
26.60
26.50
26.40
26.30
26.20
69.14
69.13
69.12
69.11
69.10
69.09
Image impact RMS = 0.004 arcsec
9 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−2000
−3000
Time (UTC)

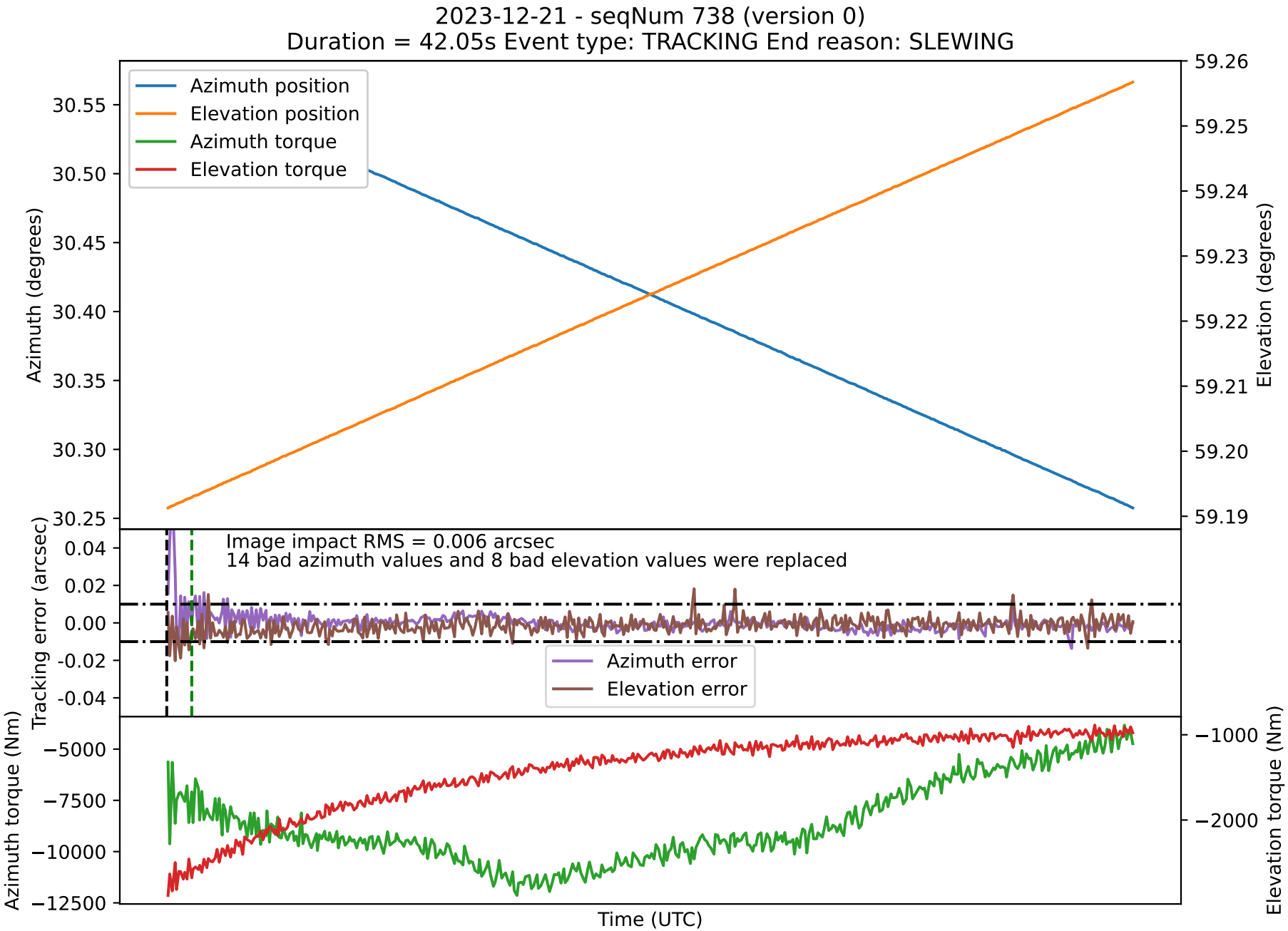

2023-12-21 - seqNum 728 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

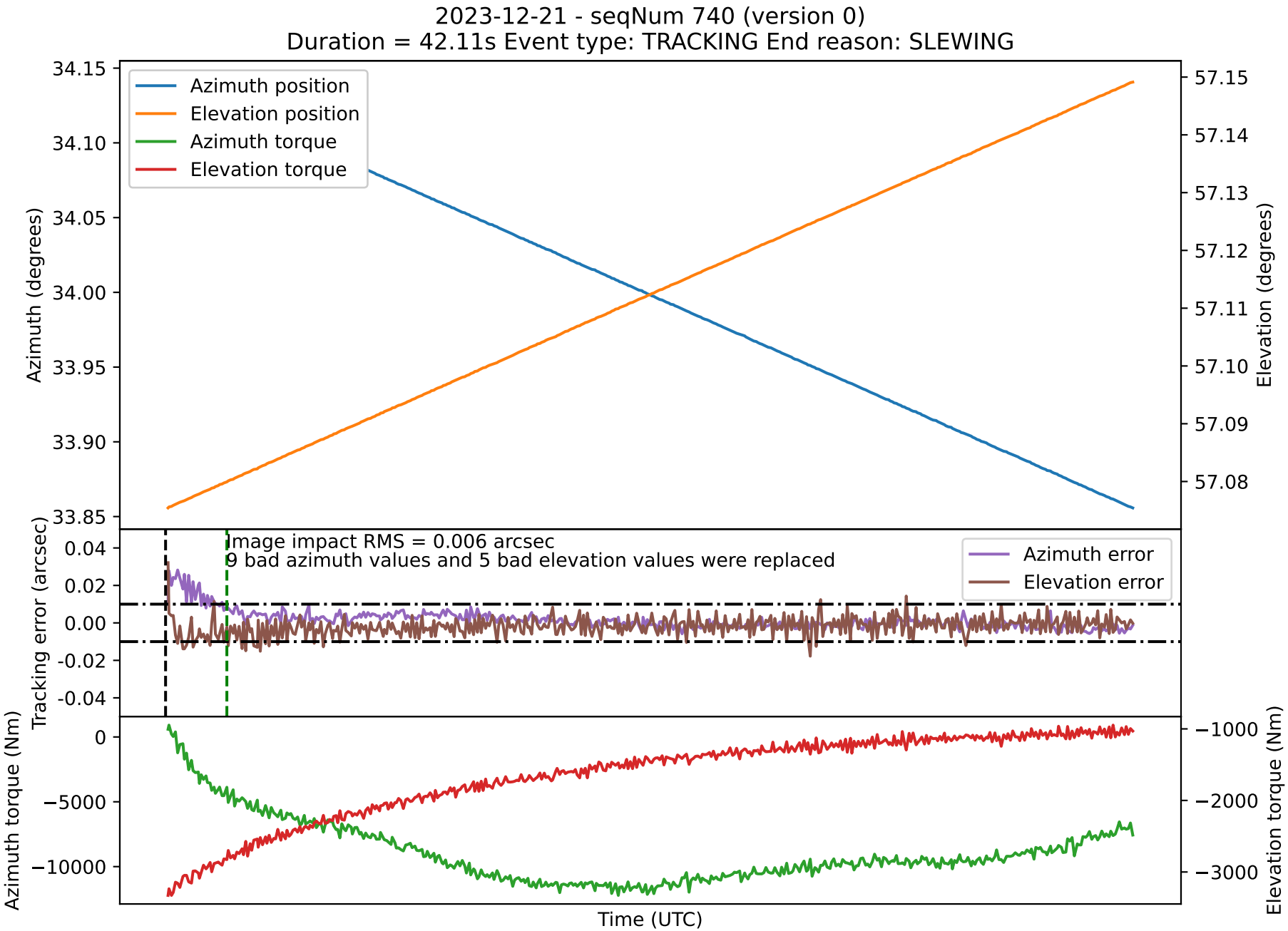

2023-12-21 - seqNum 730 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.008 arcsec
12 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

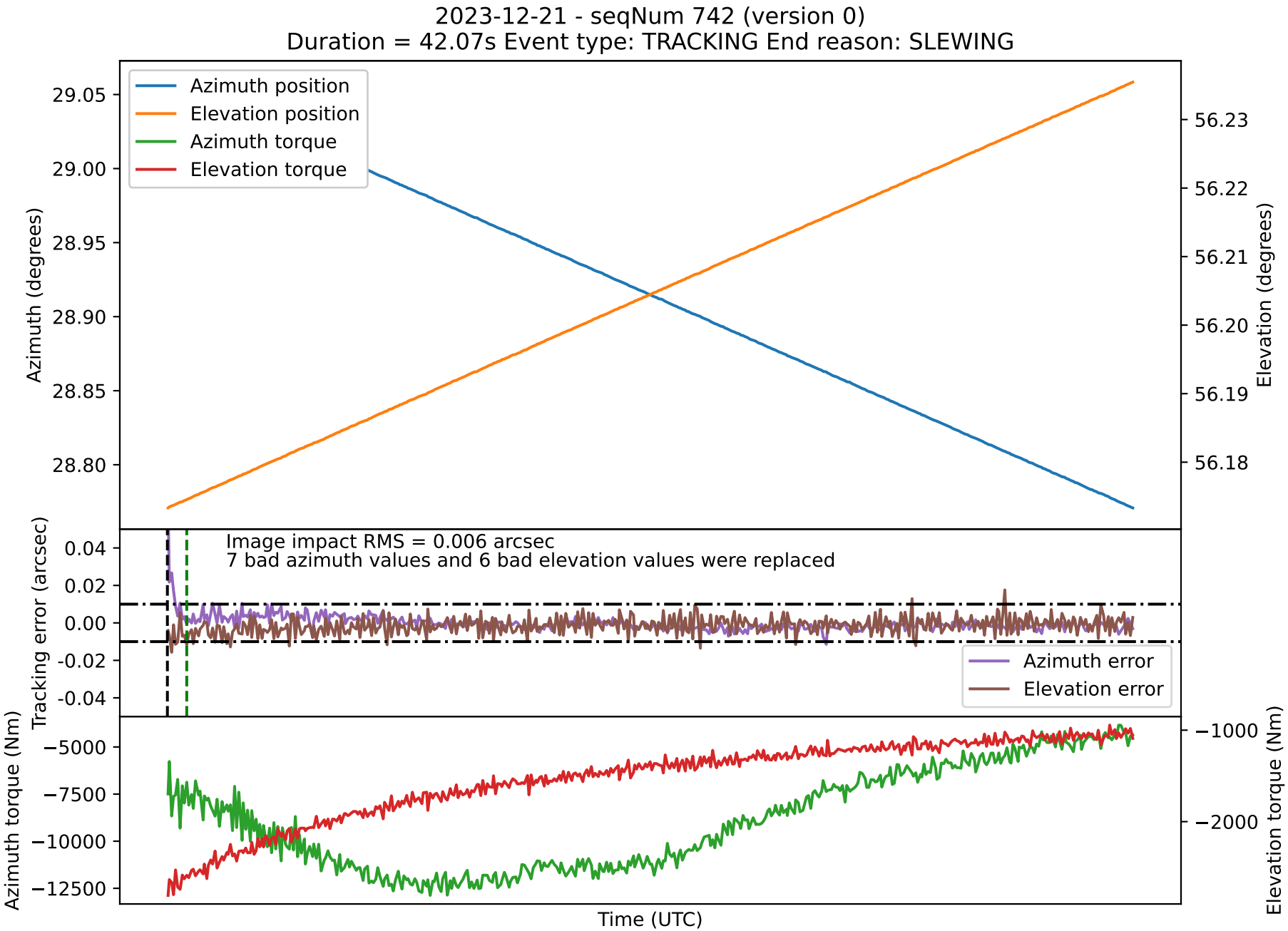

2023-12-21 - seqNum 732 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

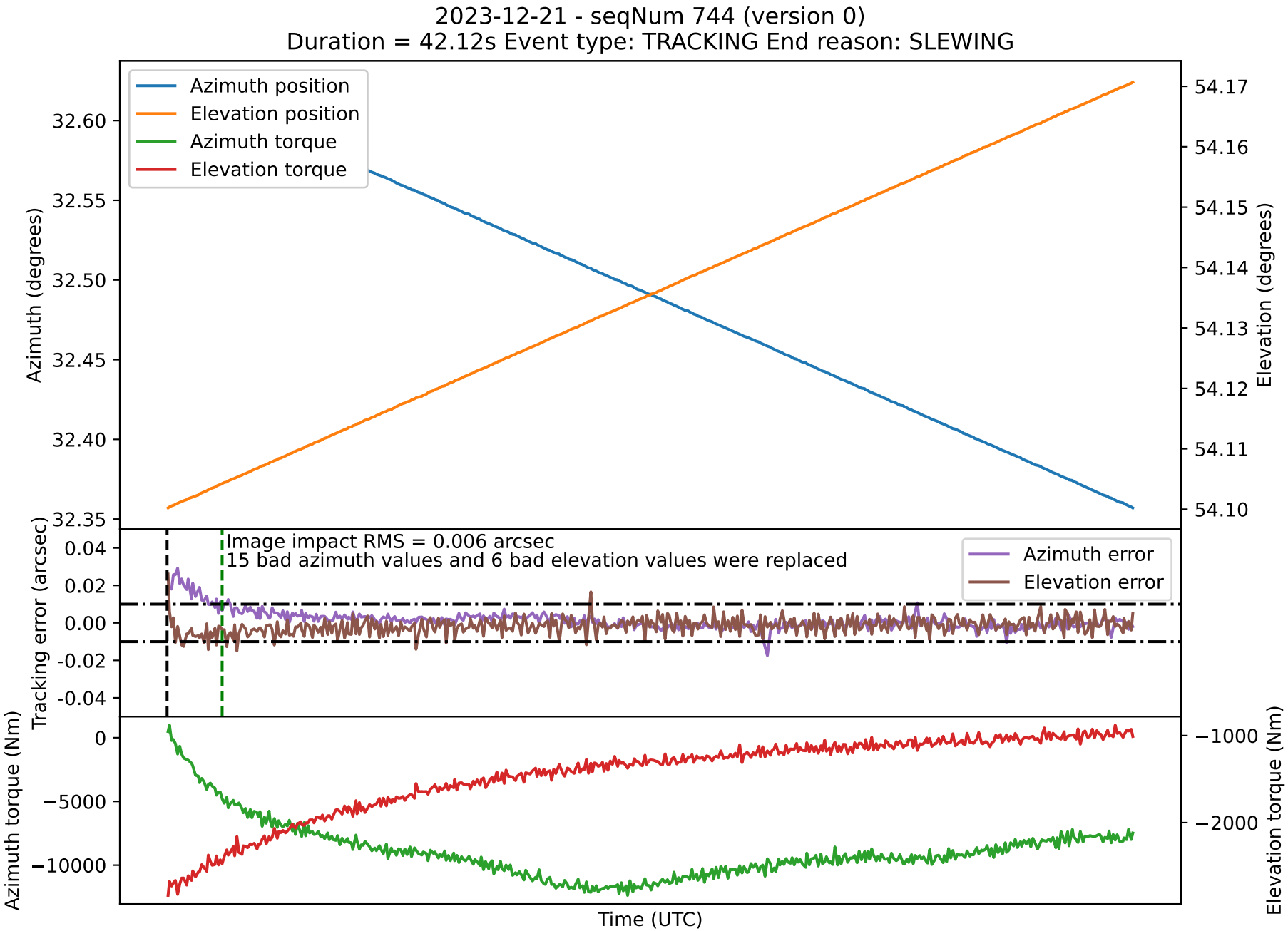

2023-12-21 - seqNum 734 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

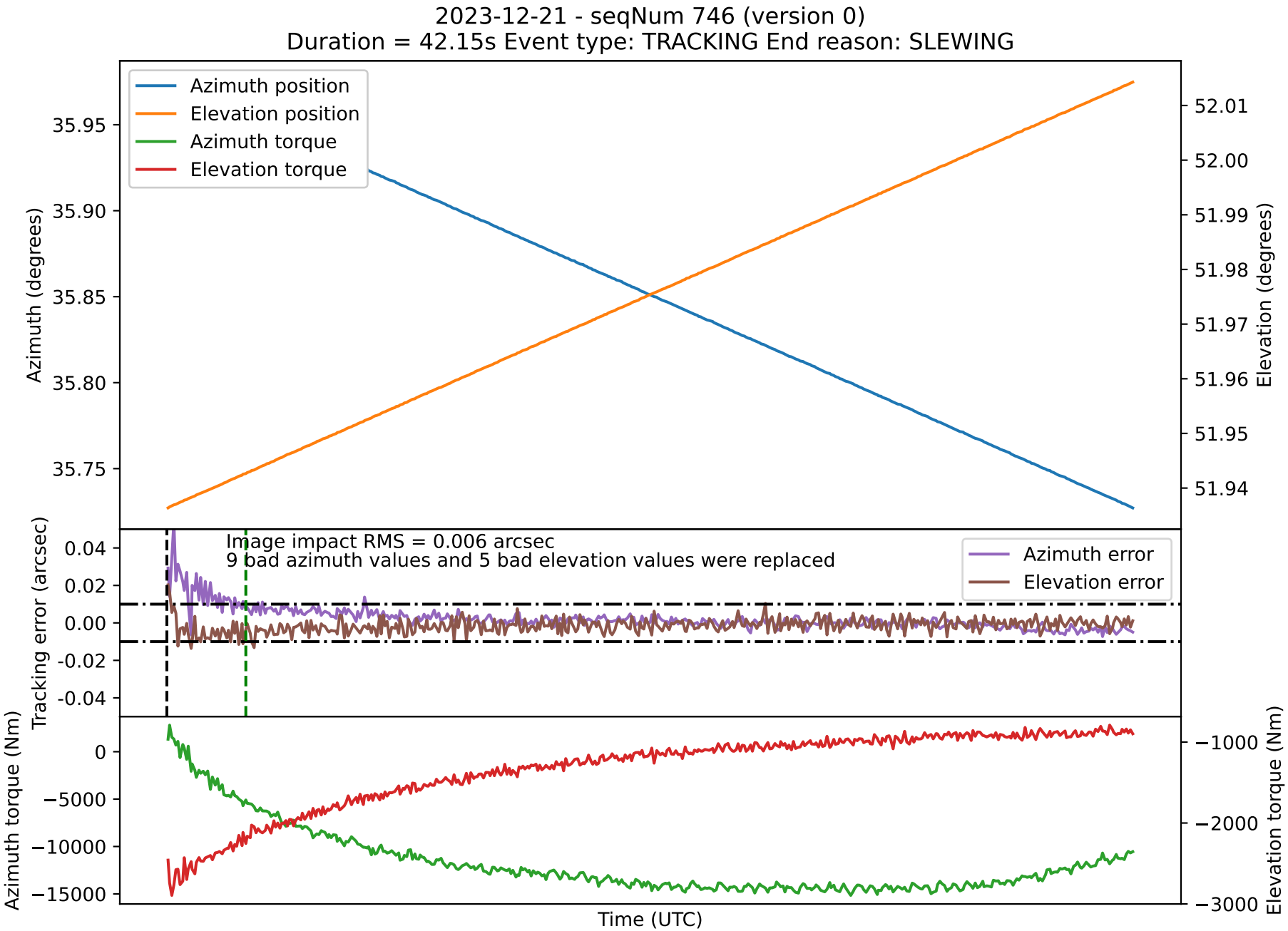

2023-12-21 - seqNum 736 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
36.20
36.15
36.10
36.05
36.00
35.95
60.10
60.09
60.08
60.07
60.06
60.05
60.04
60.03
Image impact RMS = 0.006 arcsec
4 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−2000
−3000
Time (UTC)

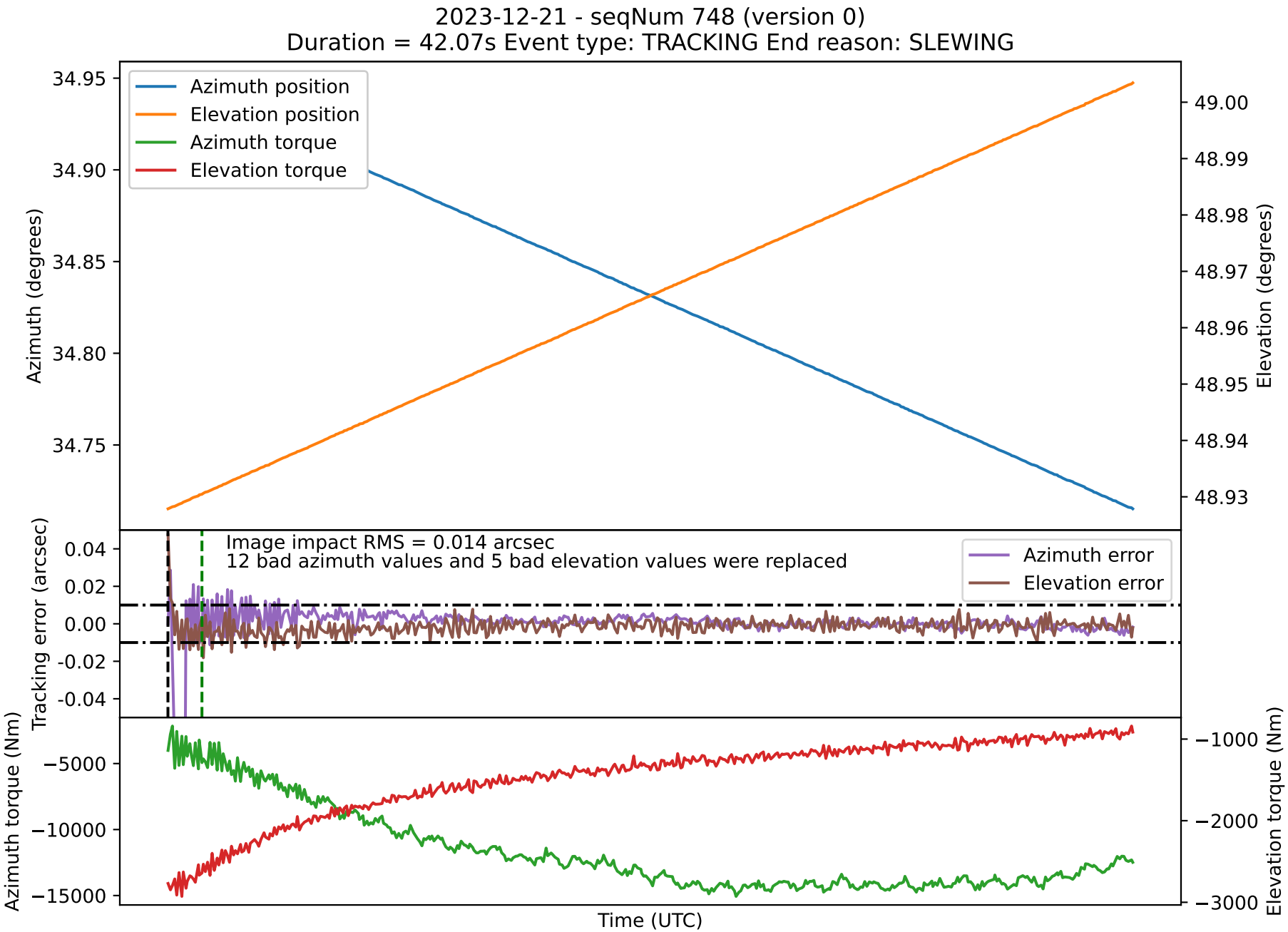

2023-12-21 - seqNum 738 (version 0)
Duration = 42.05s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
30.55
30.50
30.45
30.40
30.35
30.30
30.25
59.26
59.25
59.24
59.23
59.22
59.21
59.20
59.19
Image impact RMS = 0.006 arcsec
14 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−1000
−2000
Time (UTC)

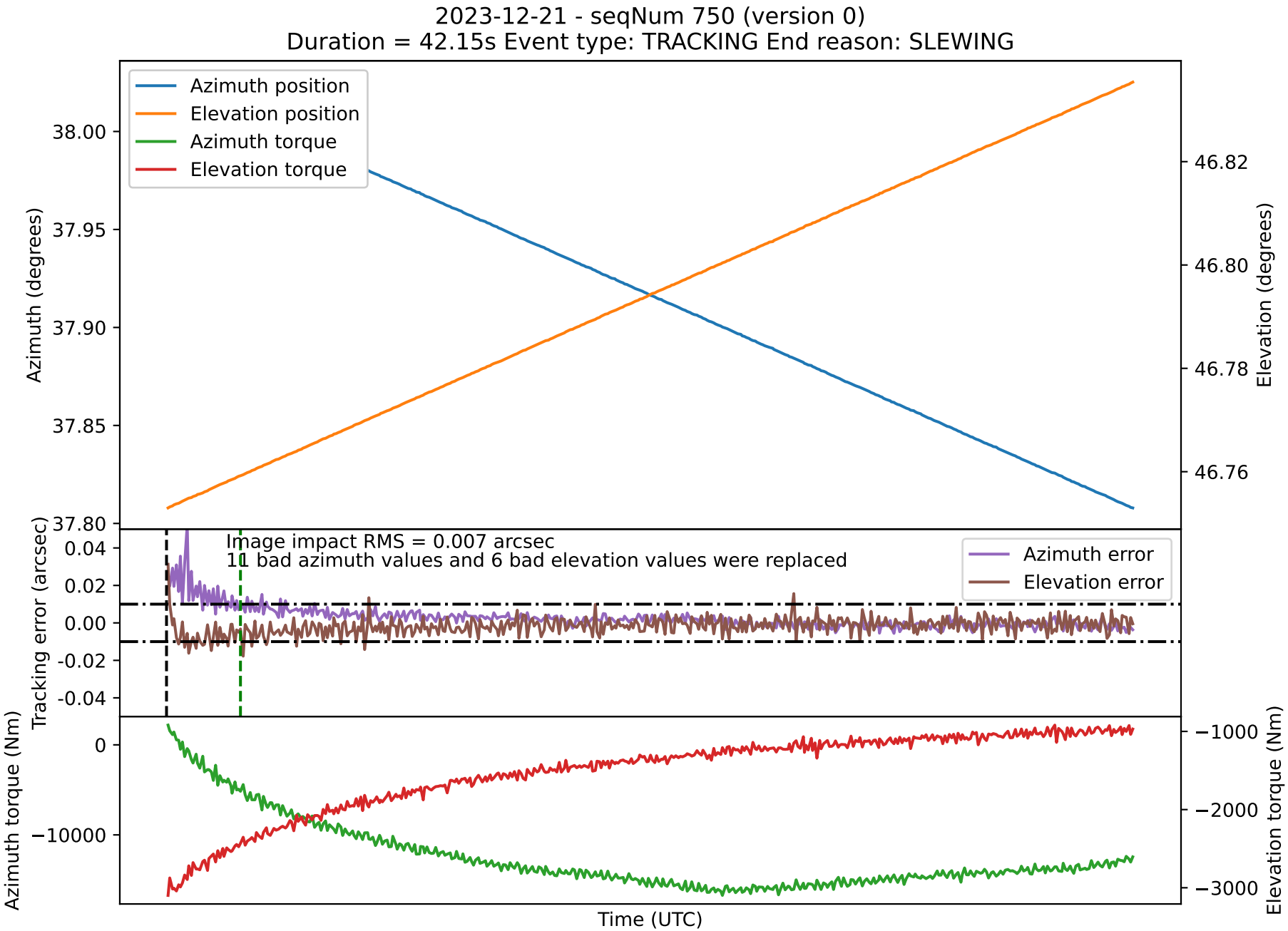

2023-12-21 - seqNum 740 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
34.15
34.10
34.05
34.00
33.95
33.90
33.85
57.15
57.14
57.13
57.12
57.11
57.10
57.09
57.08
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
−3000
Time (UTC)

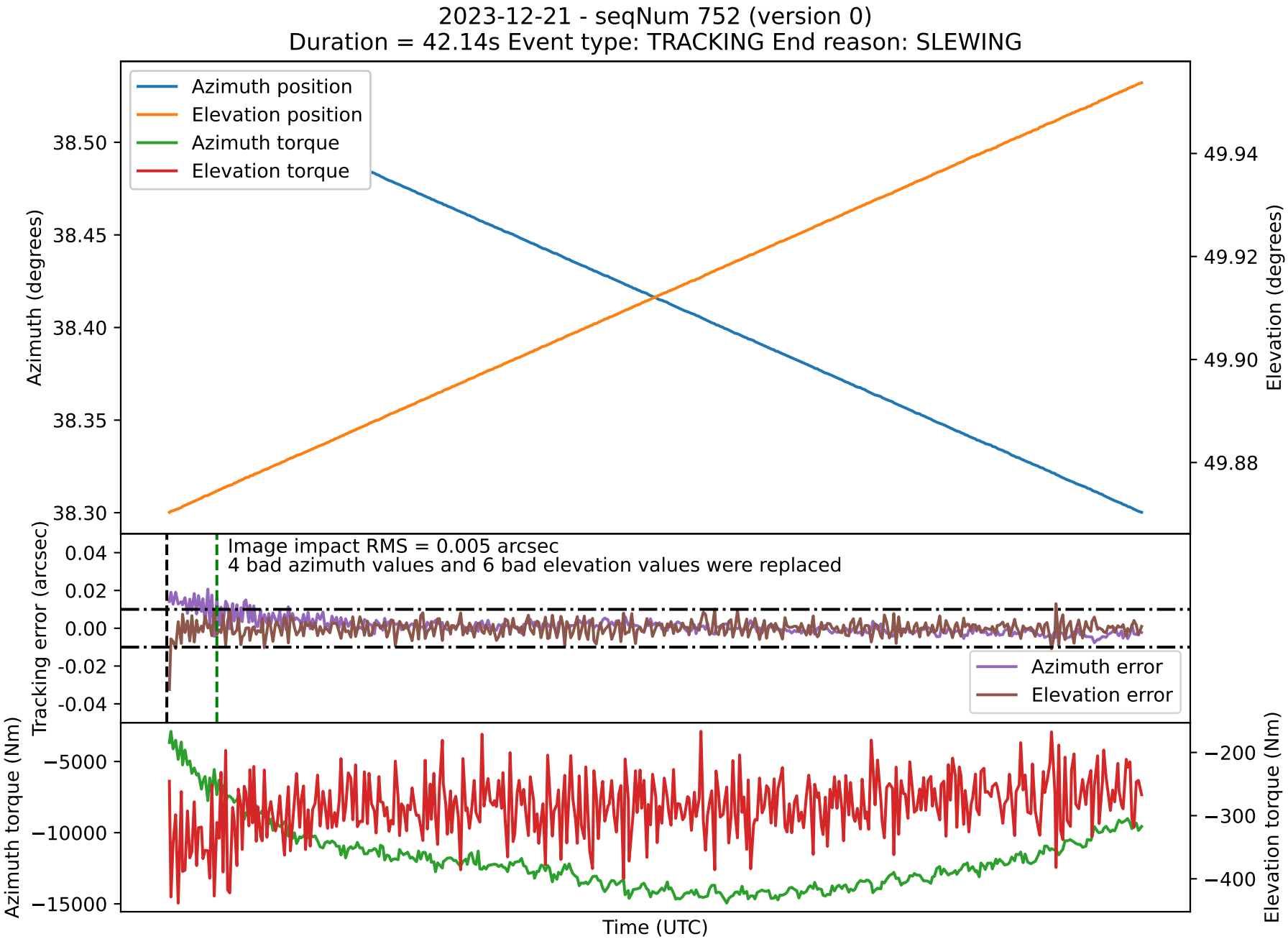

2023-12-21 - seqNum 742 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
29.05
29.00
28.95
28.90
28.85
28.80
56.23
56.22
56.21
56.20
56.19
56.18
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 6 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−1000
−2000
Time (UTC)

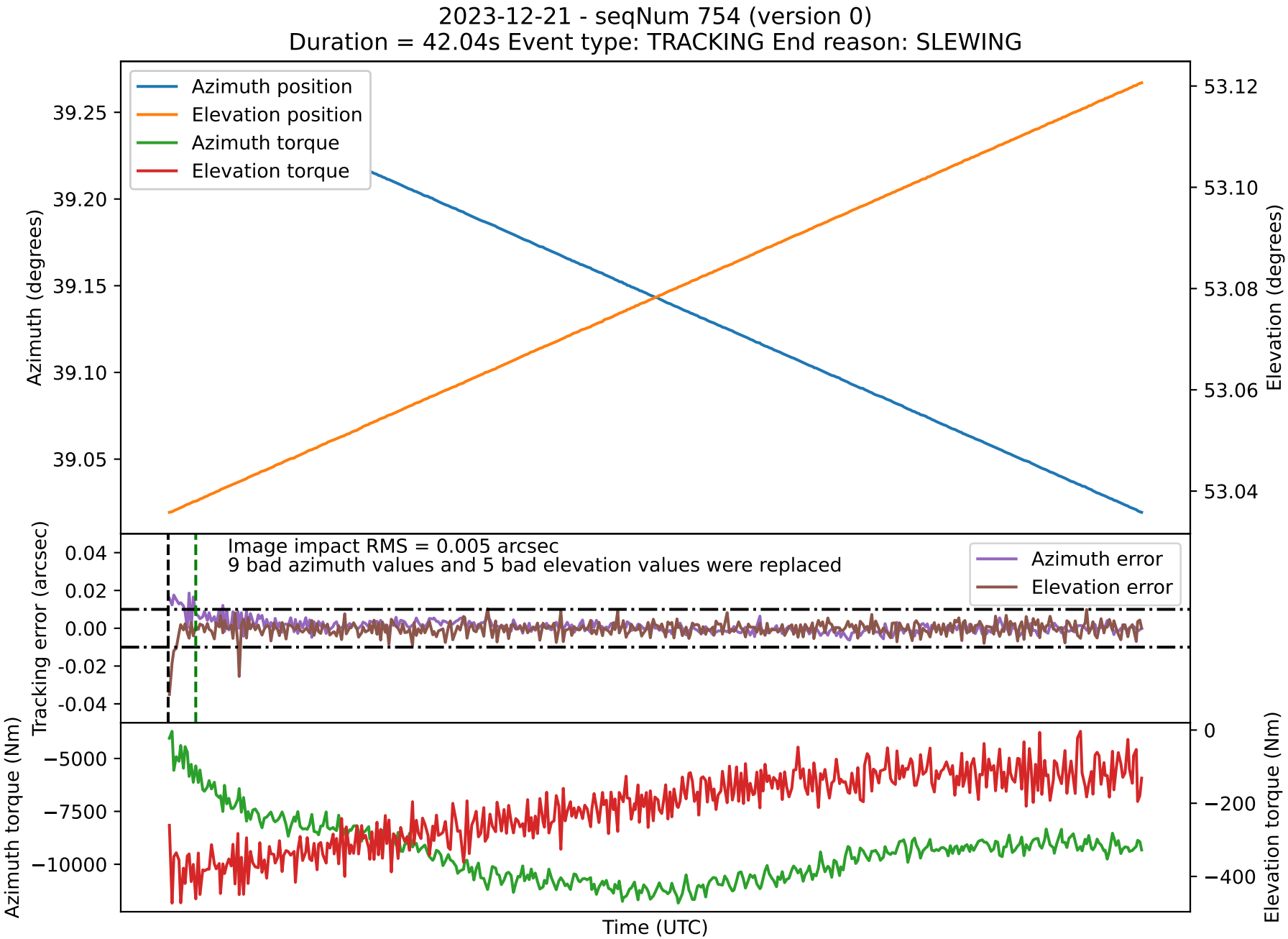

2023-12-21 - seqNum 744 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
32.60
32.55
32.50
32.45
32.40
32.35
54.17
54.16
54.15
54.14
54.13
54.12
54.11
54.10
Image impact RMS = 0.006 arcsec
15 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
Time (UTC)

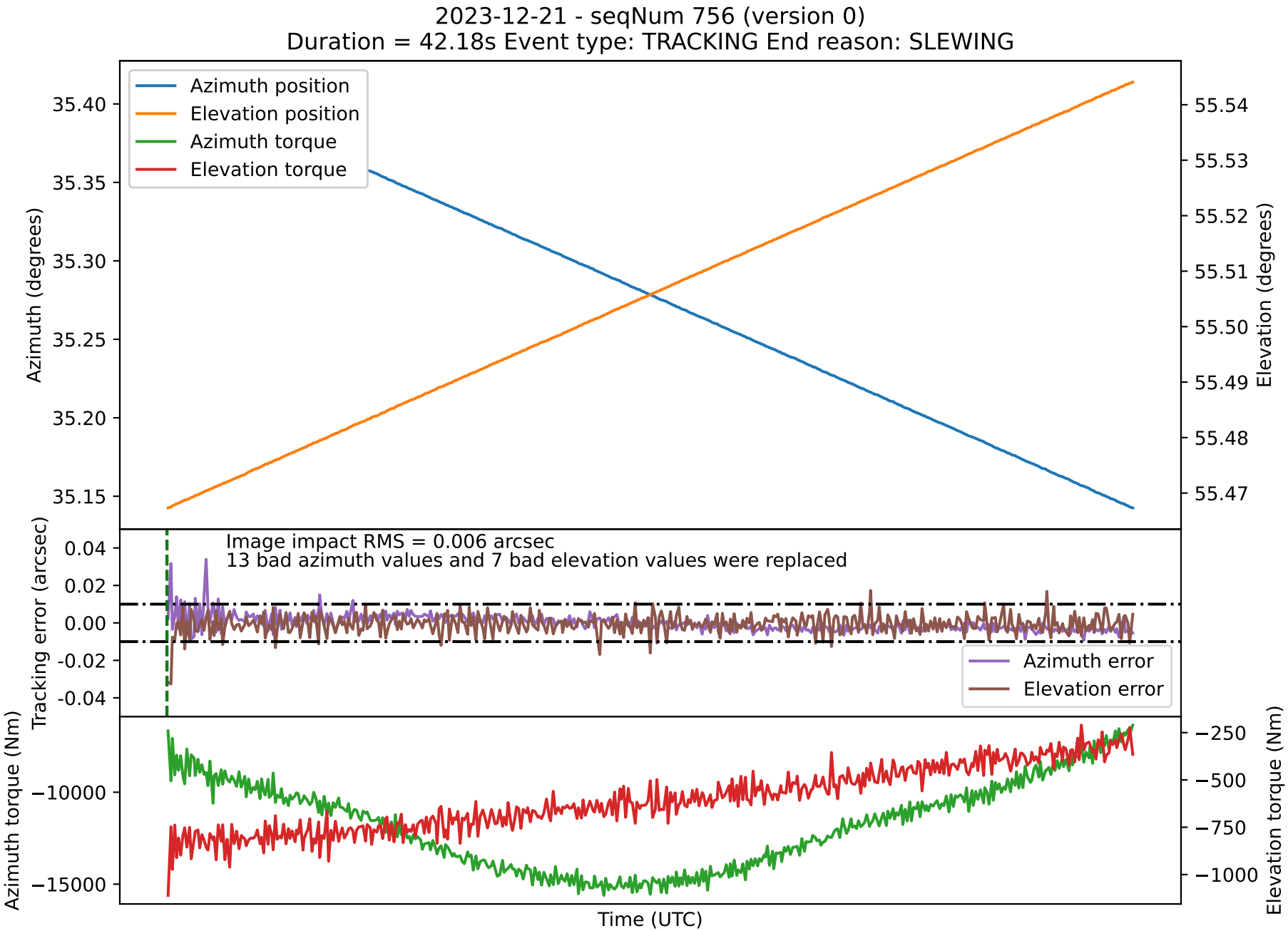

2023-12-21 - seqNum 746 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
35.95
35.90
35.85
35.80
35.75
52.01
52.00
51.99
51.98
51.97
51.96
51.95
51.94
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

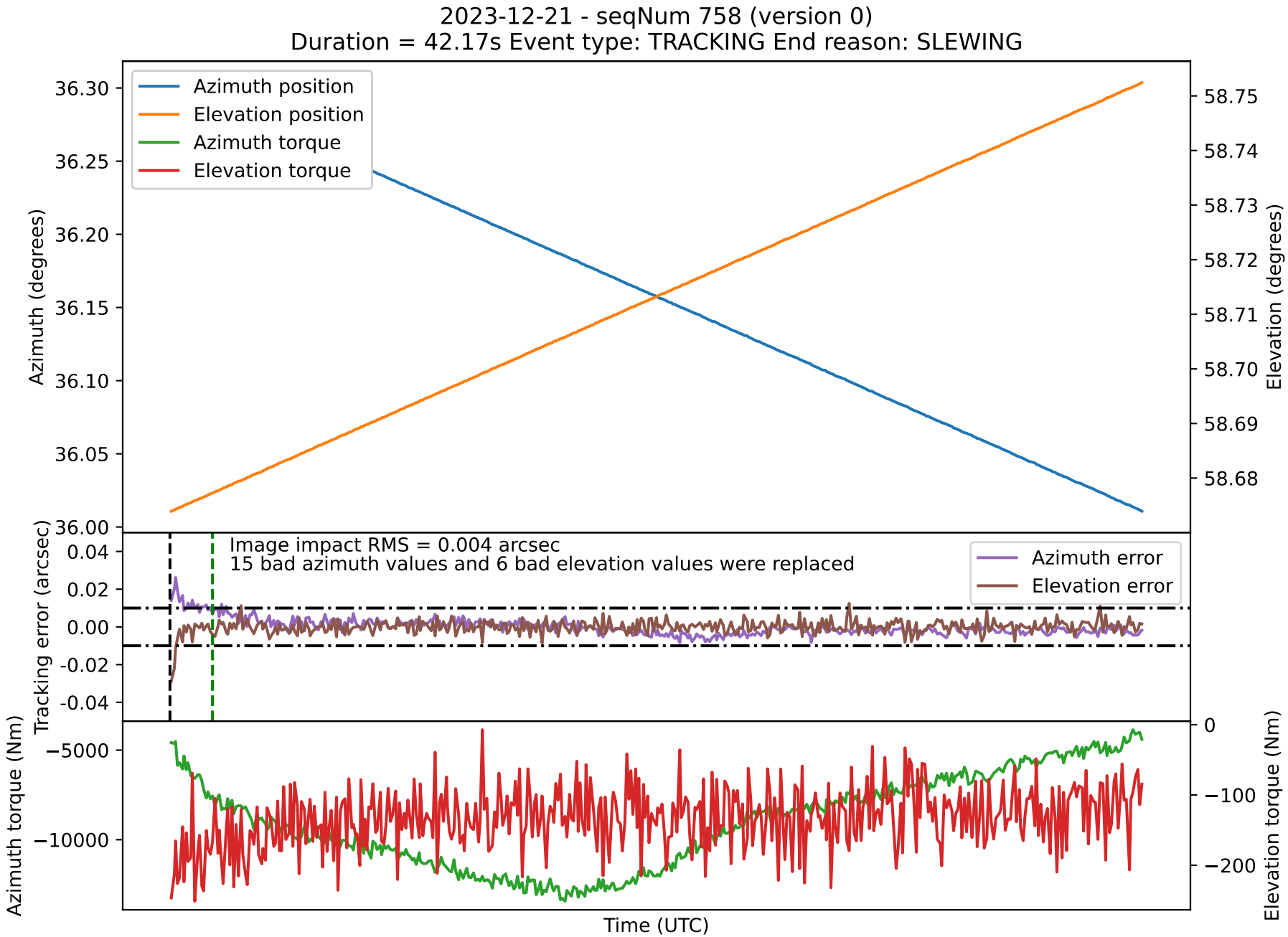

2023-12-21 - seqNum 748 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
34.95
34.90
34.85
34.80
34.75
49.00
48.99
48.98
48.97
48.96
48.95
48.94
48.93
Image impact RMS = 0.014 arcsec
12 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

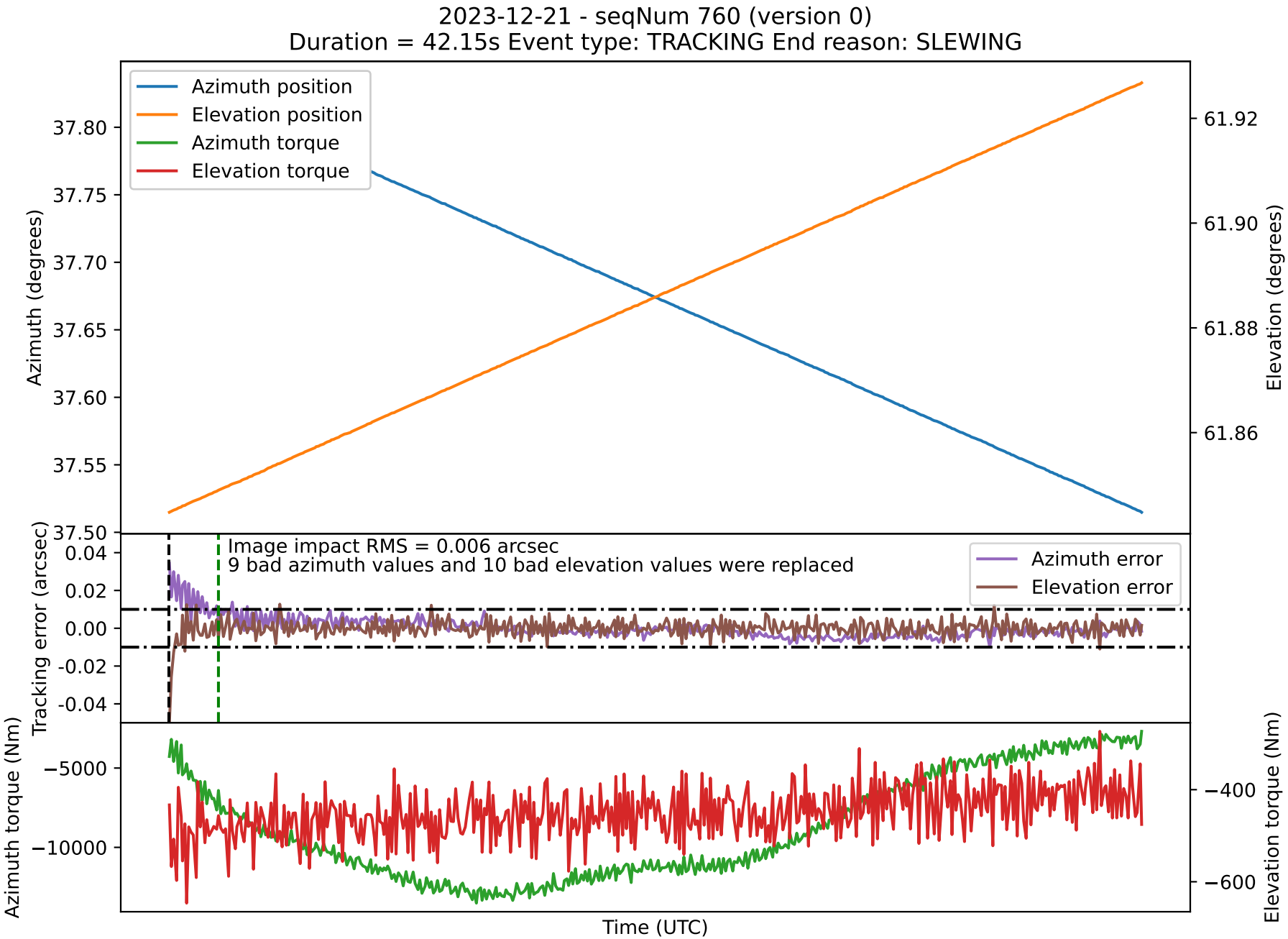

2023-12-21 - seqNum 750 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
38.00
37.95
37.90
37.85
37.80
46.82
46.80
46.78
46.76
Image impact RMS = 0.007 arcsec
11 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−2000
−3000
Time (UTC)

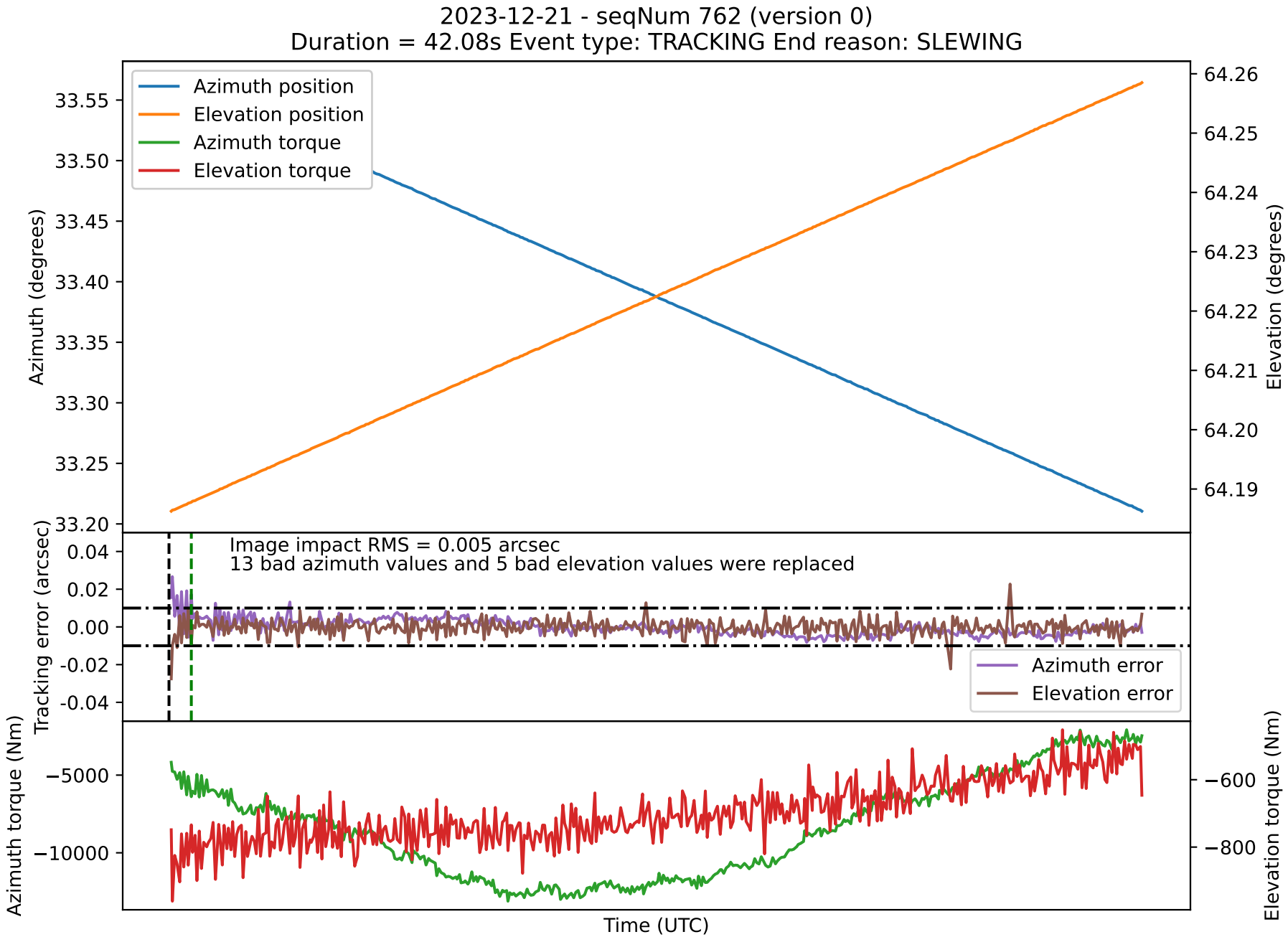

2023-12-21 - seqNum 752 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
38.50
38.45
38.40
38.35
38.30
49.94
49.92
49.90
49.88
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 6 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−200
−300
−400
Time (UTC)

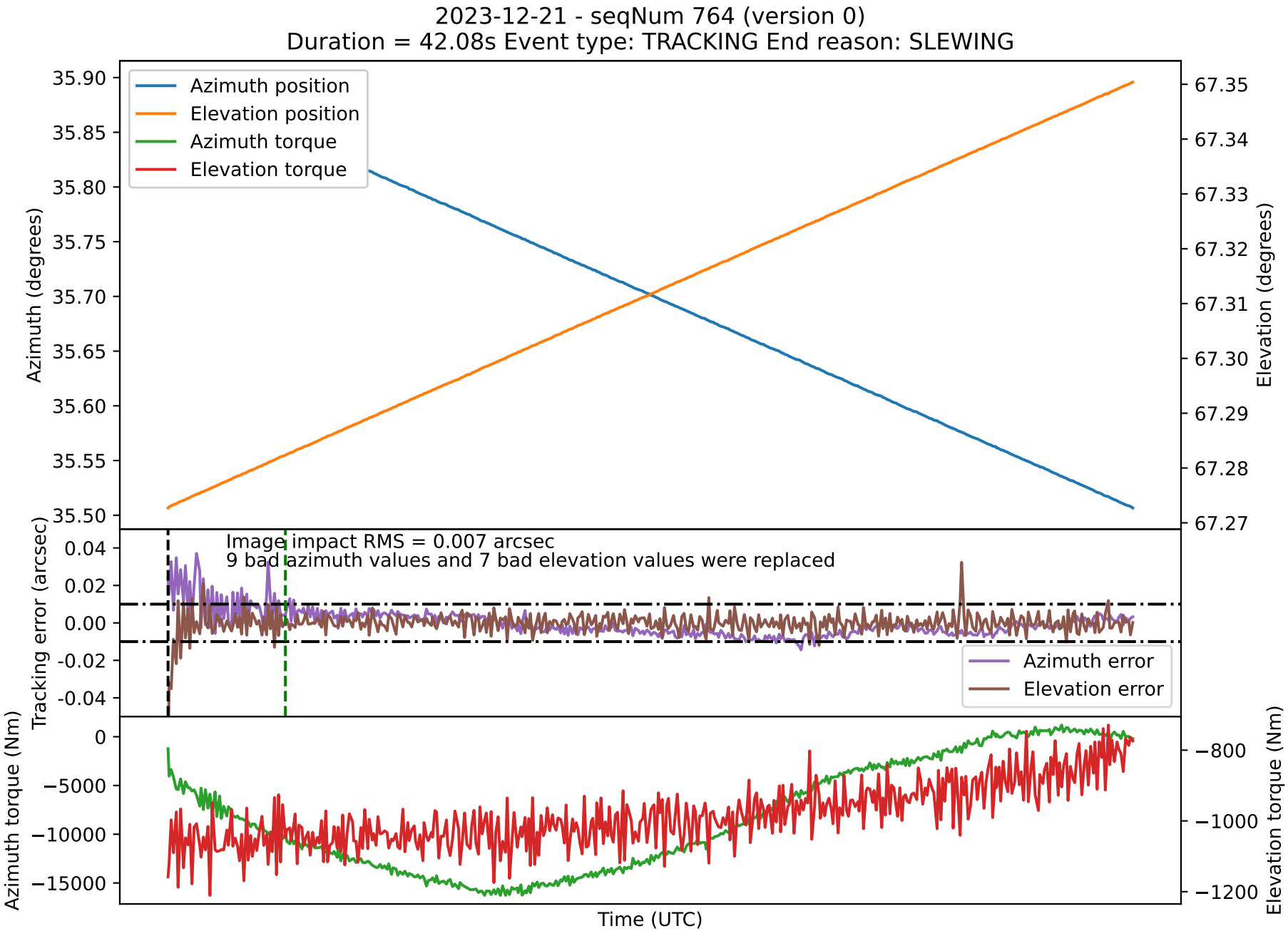

2023-12-21 - seqNum 754 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
39.25
39.20
39.15
39.10
39.05
53.12
53.10
53.08
53.06
53.04
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
0
−200
−400
Time (UTC)

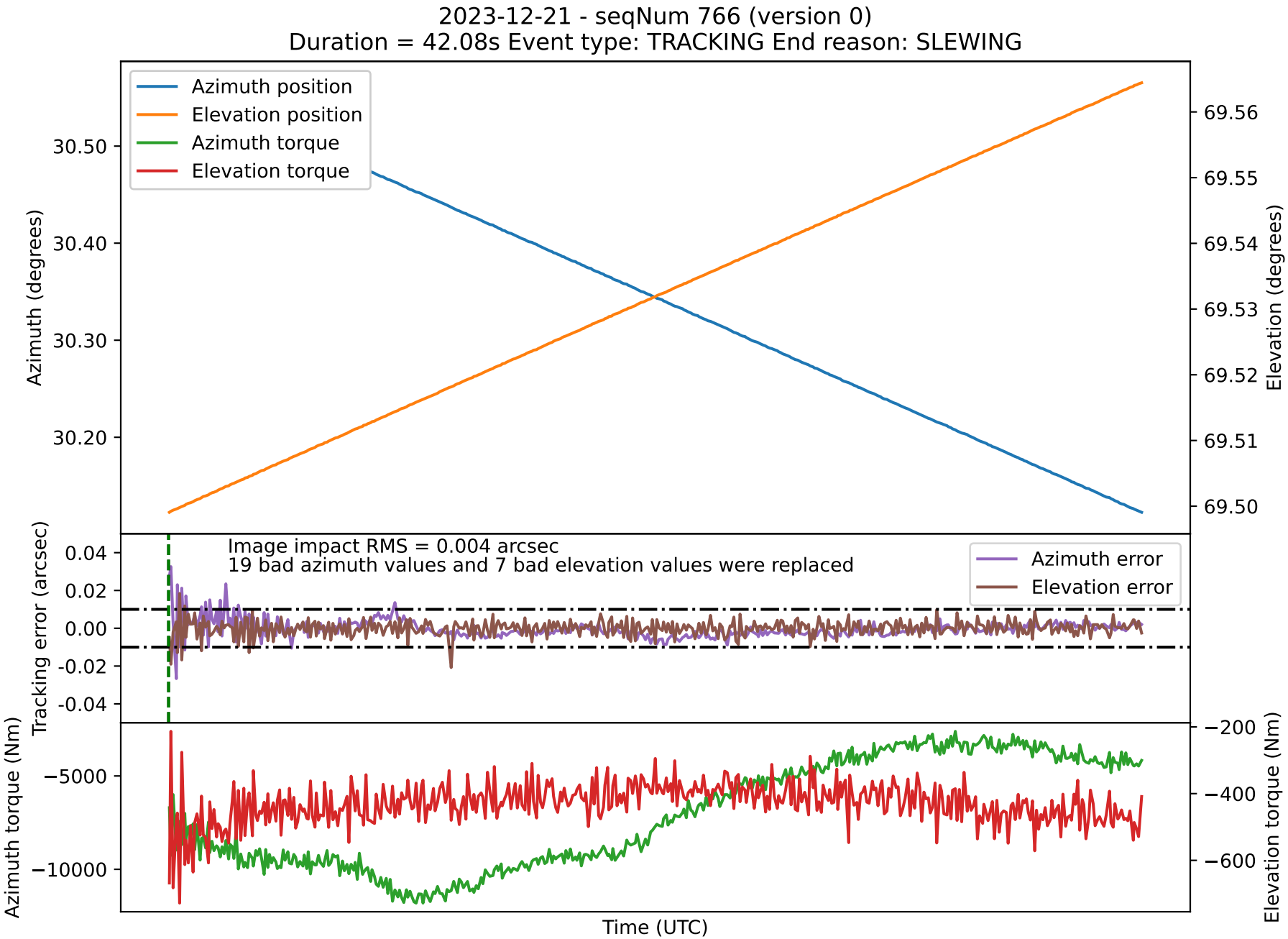

2023-12-21 - seqNum 756 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
35.40
35.35
35.30
35.25
35.20
35.15
55.54
55.53
55.52
55.51
55.50
55.49
55.48
55.47
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−10000
−15000
−250
−500
−750
−1000
Time (UTC)

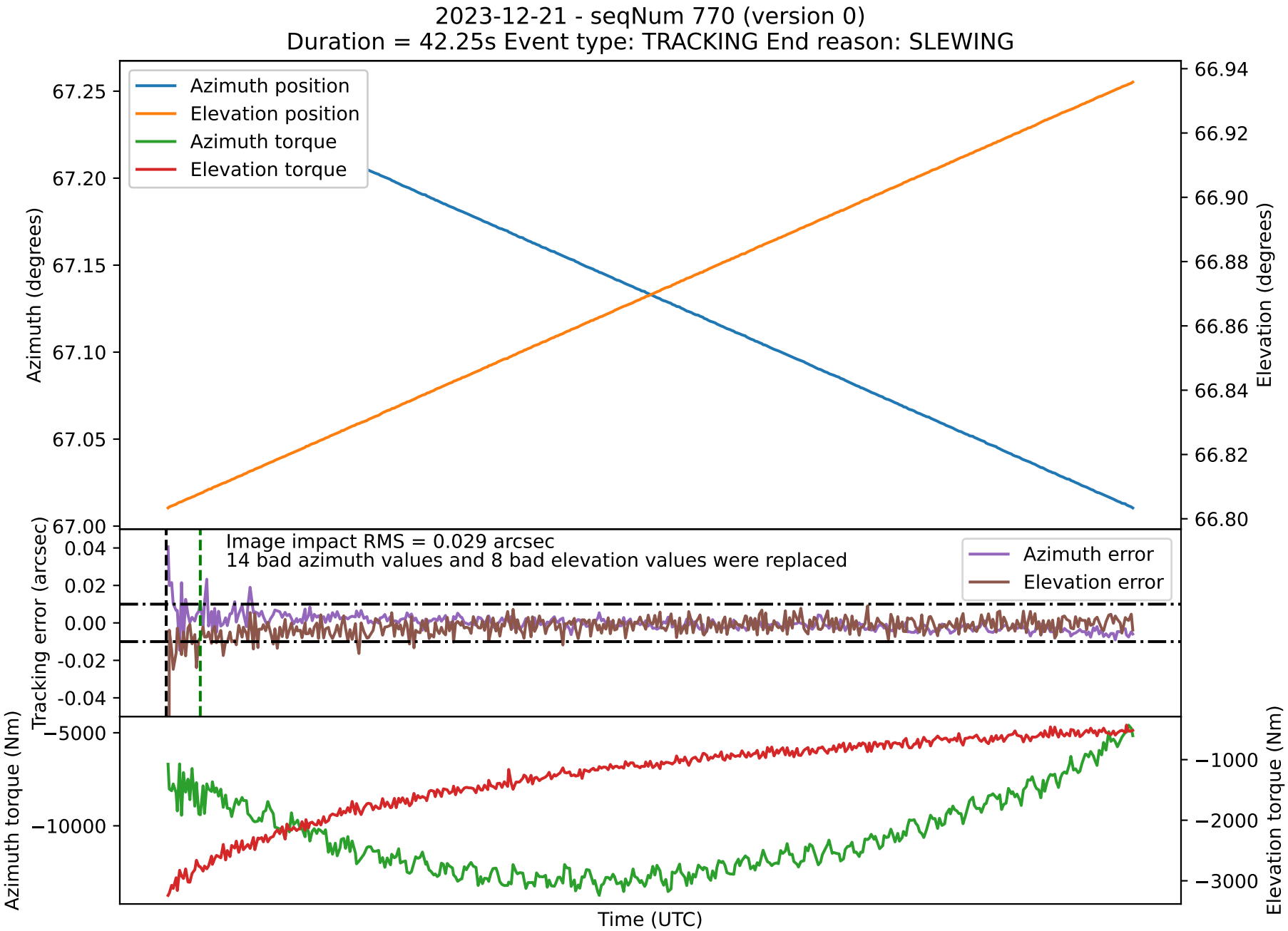

2023-12-21 - seqNum 758 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
36.30
36.25
36.20
36.15
36.10
36.05
36.00
58.75
58.74
58.73
58.72
58.71
58.70
58.69
58.68
Image impact RMS = 0.004 arcsec
15 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
0
−100
−200
Time (UTC)

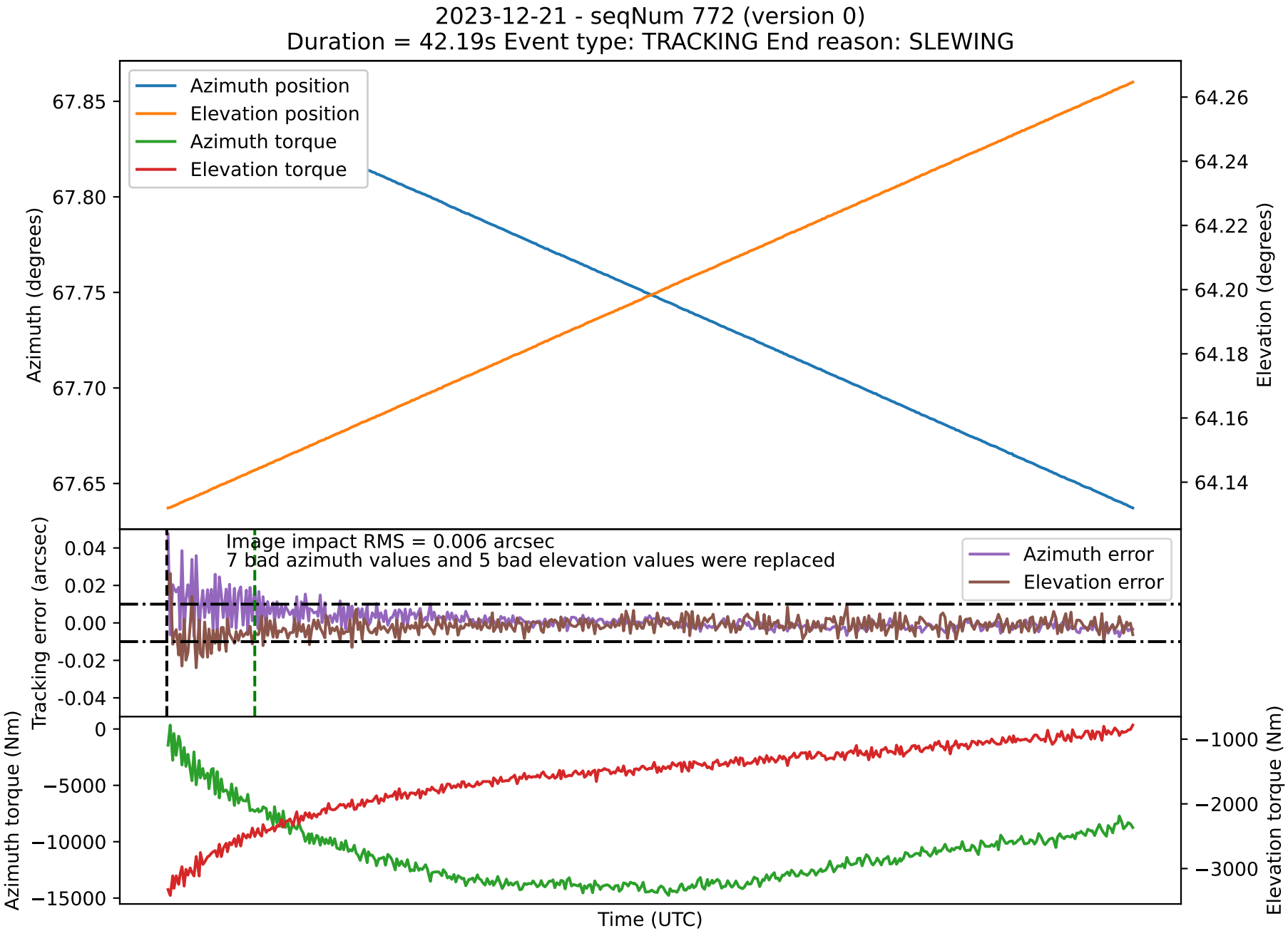

2023-12-21 - seqNum 760 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
37.80
37.75
37.70
37.65
37.60
37.55
37.50
61.92
61.90
61.88
61.86
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−400
−600
Time (UTC)

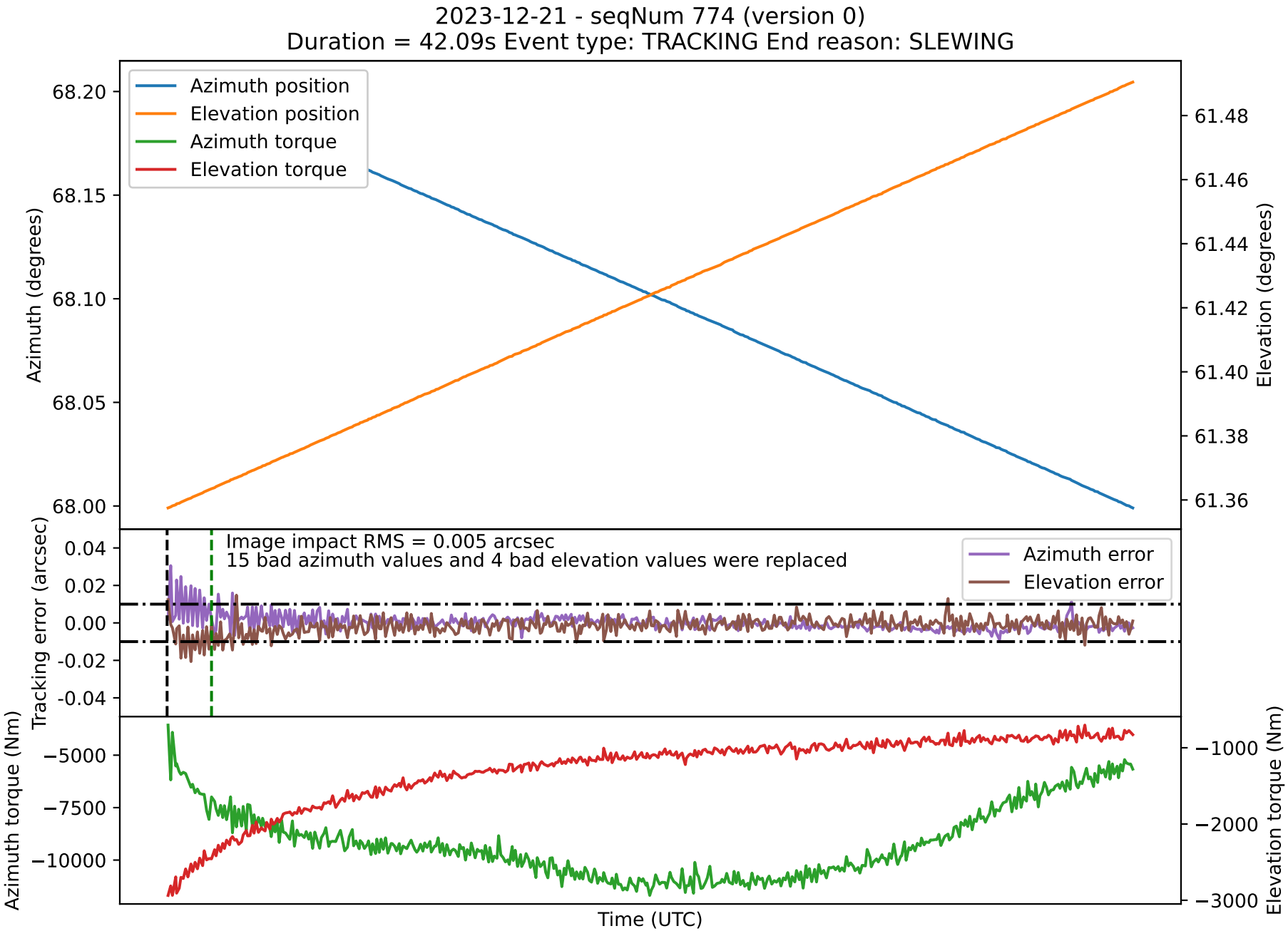

2023-12-21 - seqNum 762 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
33.55
33.50
33.45
33.40
33.35
33.30
33.25
33.20
64.26
64.25
64.24
64.23
64.22
64.21
64.20
64.19
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
−5000
−10000
Elevation torque (Nm)
−600
−800
Time (UTC)

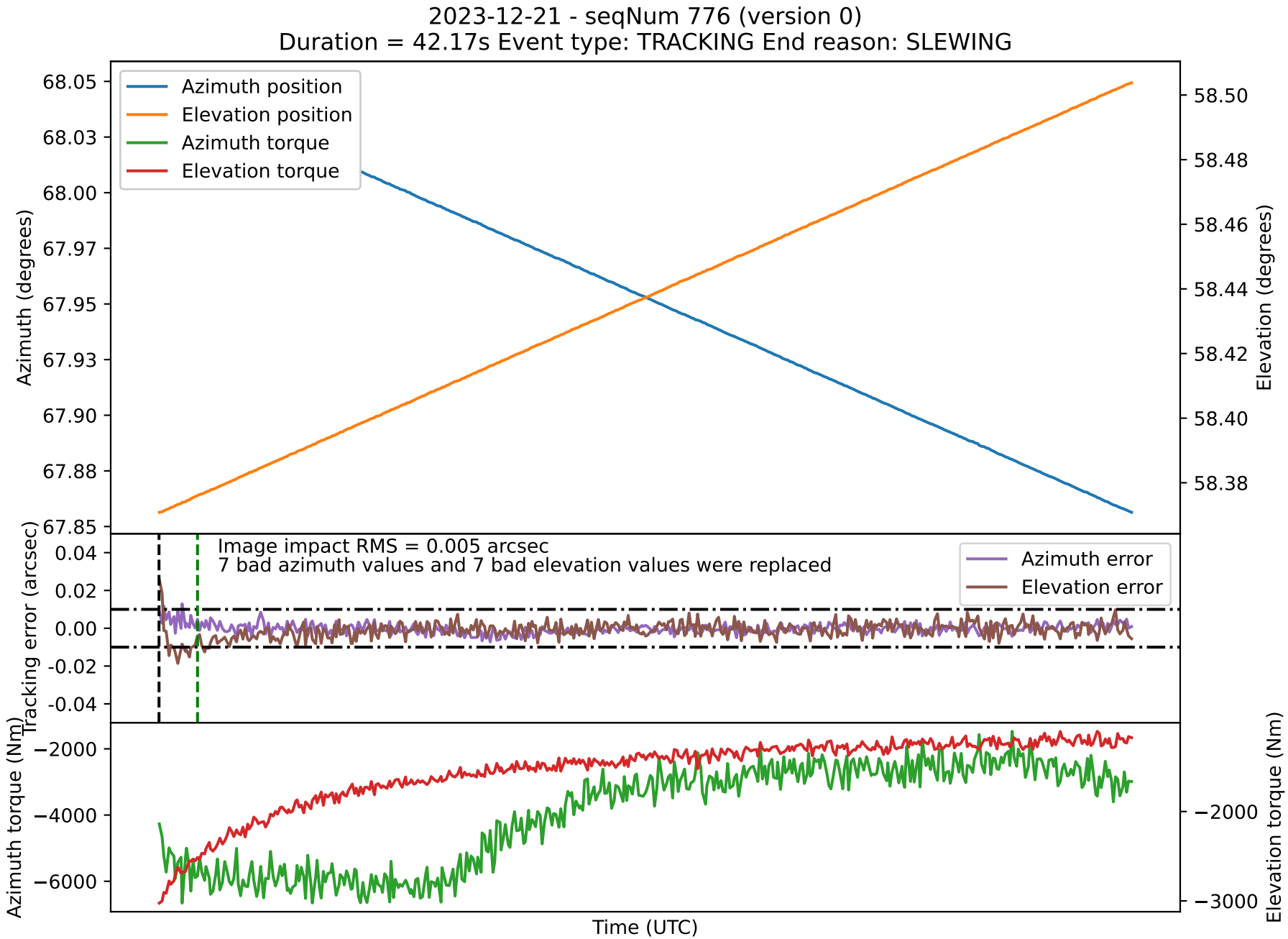

2023-12-21 - seqNum 764 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.007 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

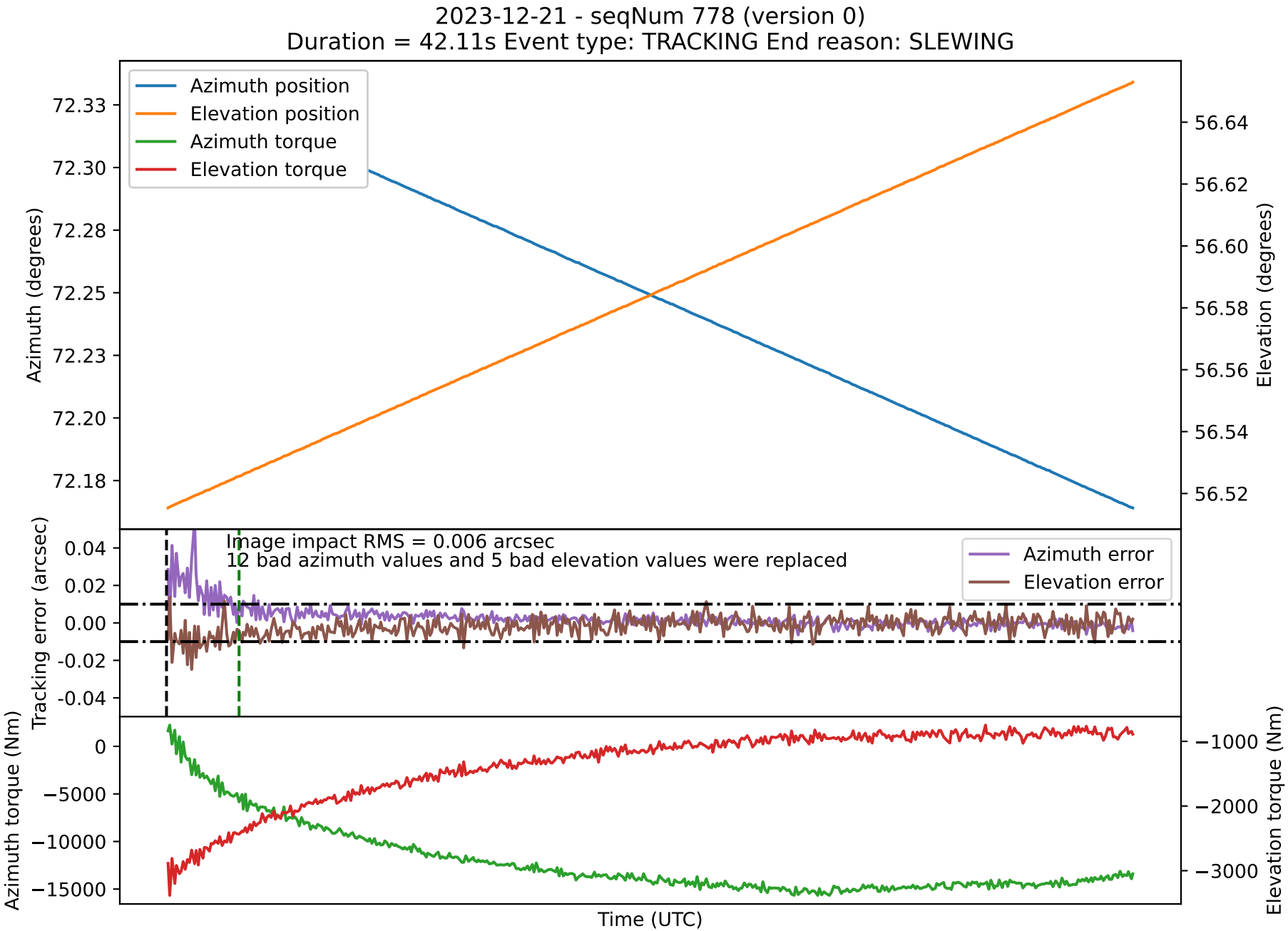

2023-12-21 - seqNum 766 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
30.50
30.40
30.30
30.20
69.56
69.55
69.54
69.53
69.52
69.51
69.50
Image impact RMS = 0.004 arcsec
19 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−200
−400
−600
Time (UTC)

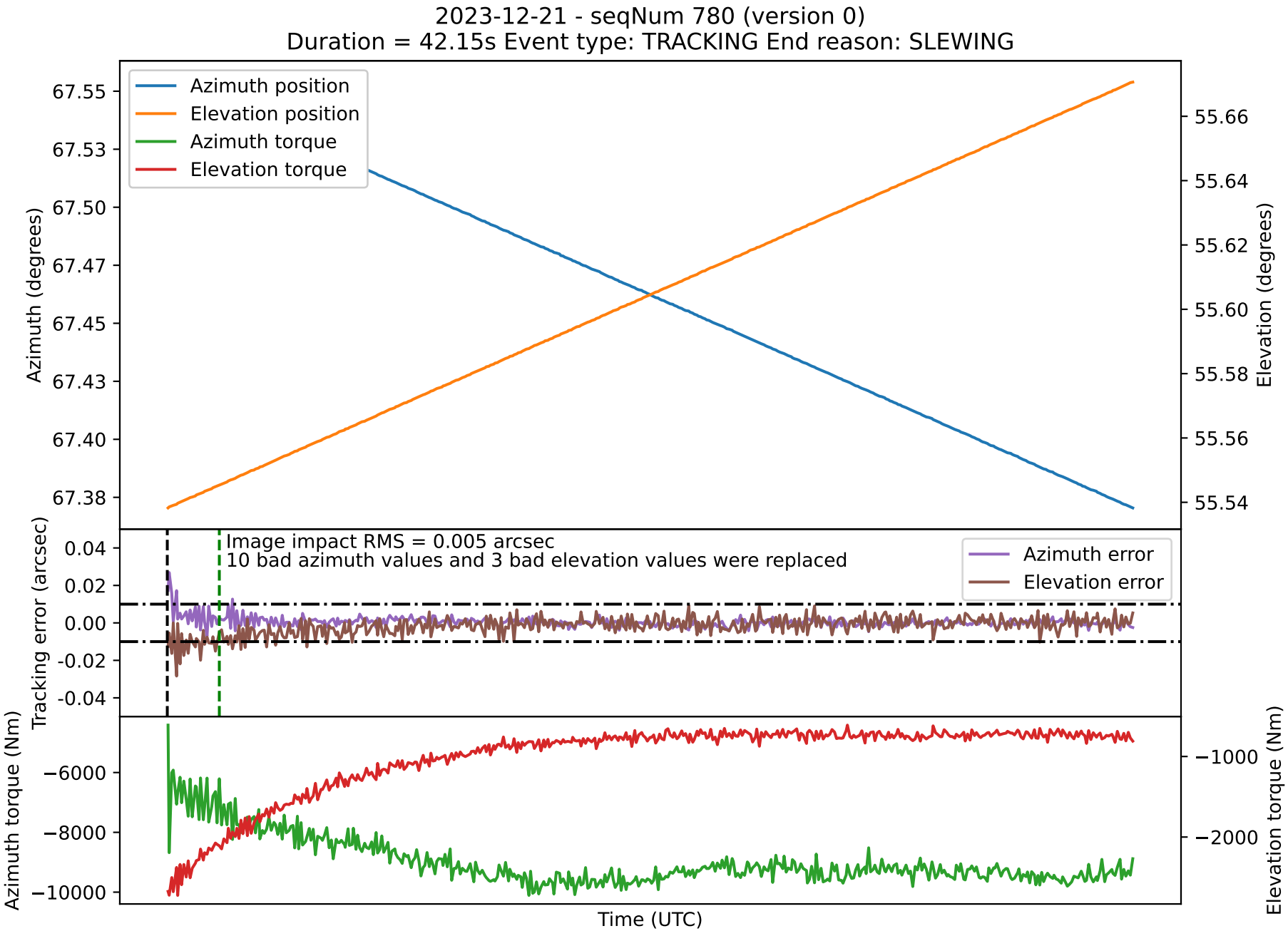

2023-12-21 - seqNum 770 (version 0)
Duration = 42.25s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
67.25
67.20
67.15
67.10
67.05
67.00
66.94
66.92
66.90
66.88
66.86
66.84
66.82
66.80
Image impact RMS = 0.029 arcsec
14 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1000
−2000
−3000
Time (UTC)

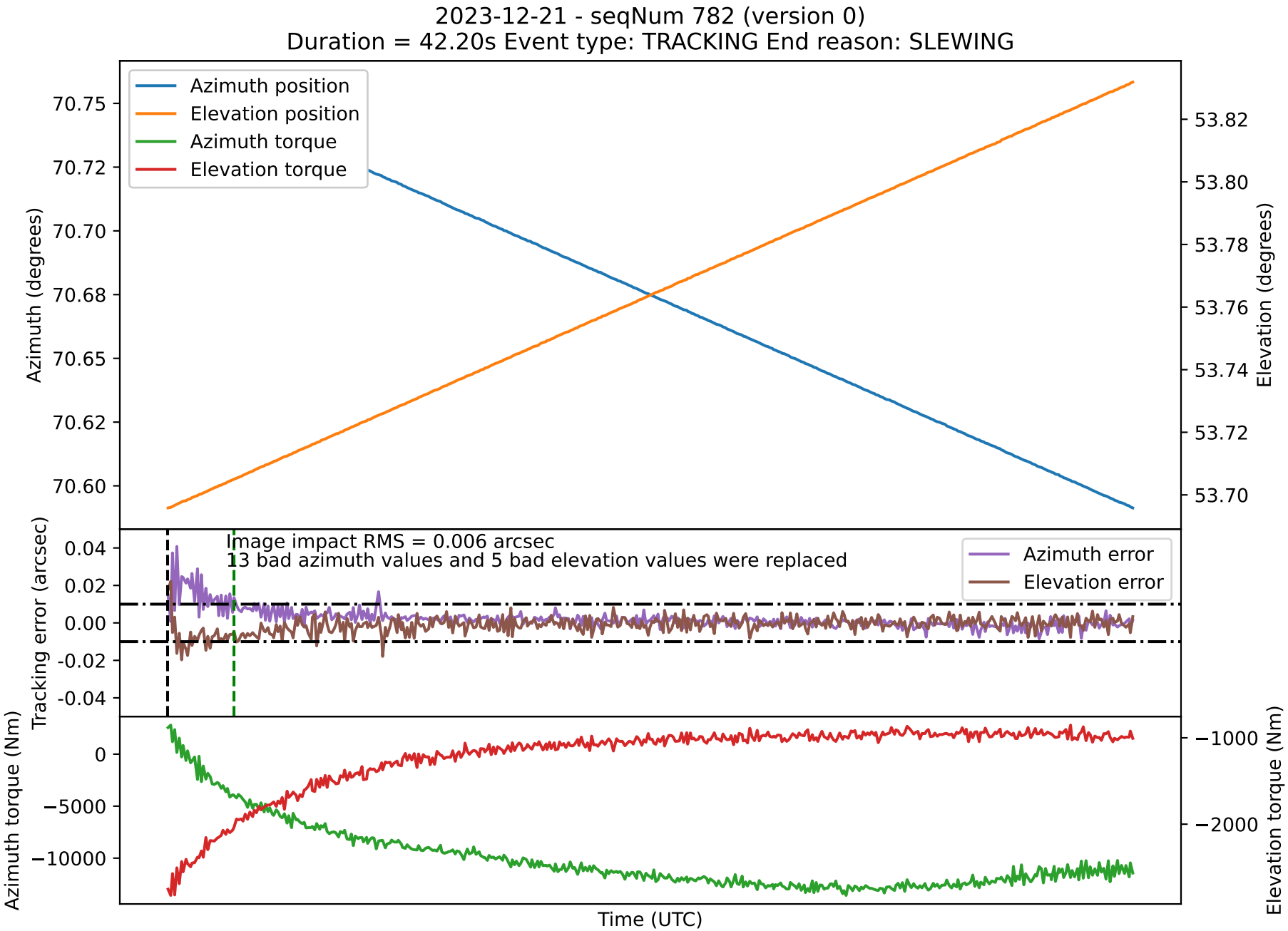

2023-12-21 - seqNum 772 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
67.85
67.80
67.75
67.70
67.65
64.26
64.24
64.22
64.20
64.18
64.16
64.14
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

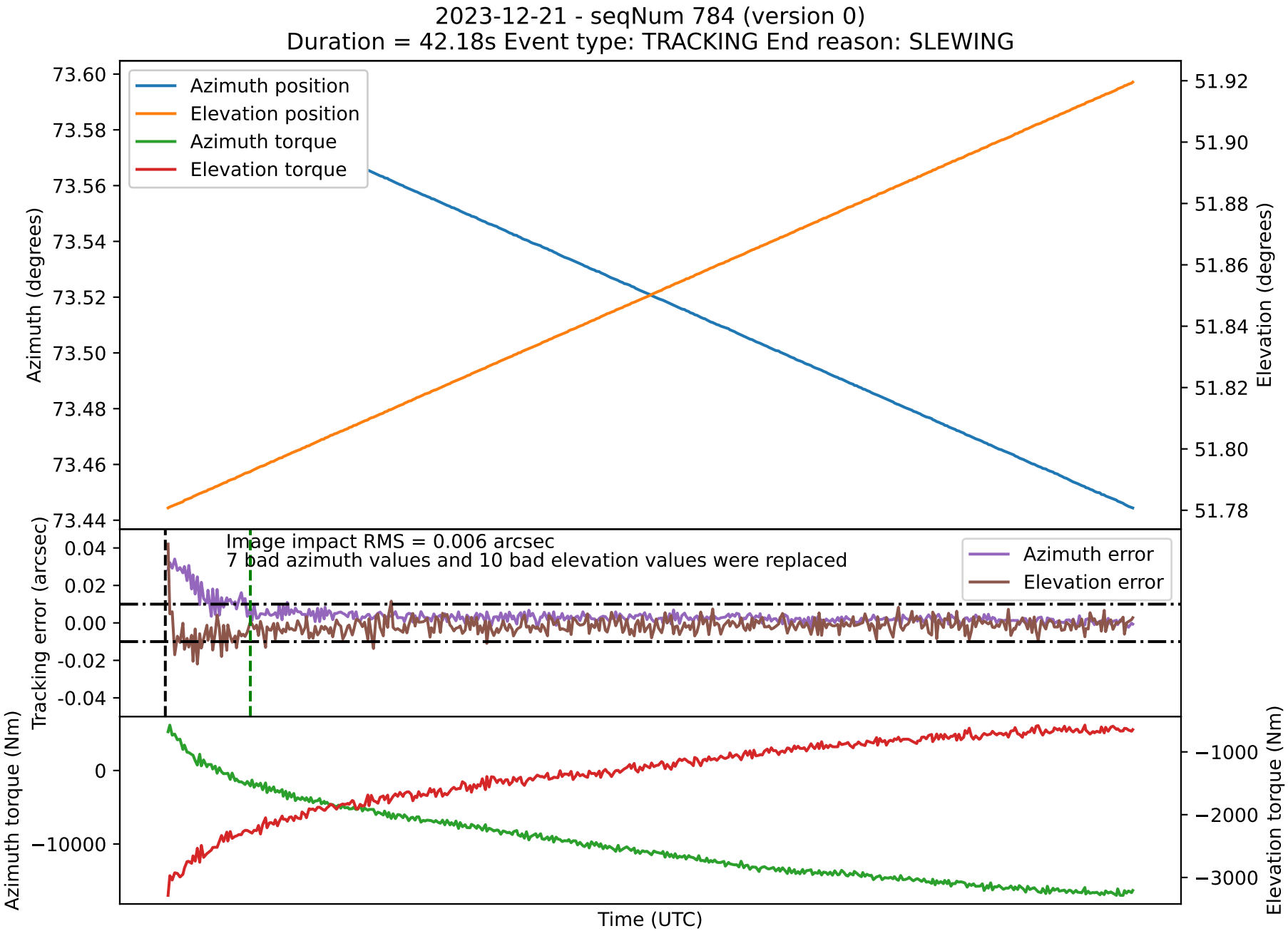

2023-12-21 - seqNum 774 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
68.20
68.15
68.10
68.05
68.00
61.48
61.46
61.44
61.42
61.40
61.38
61.36
Image impact RMS = 0.005 arcsec
15 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−1000
−2000
−3000
Time (UTC)

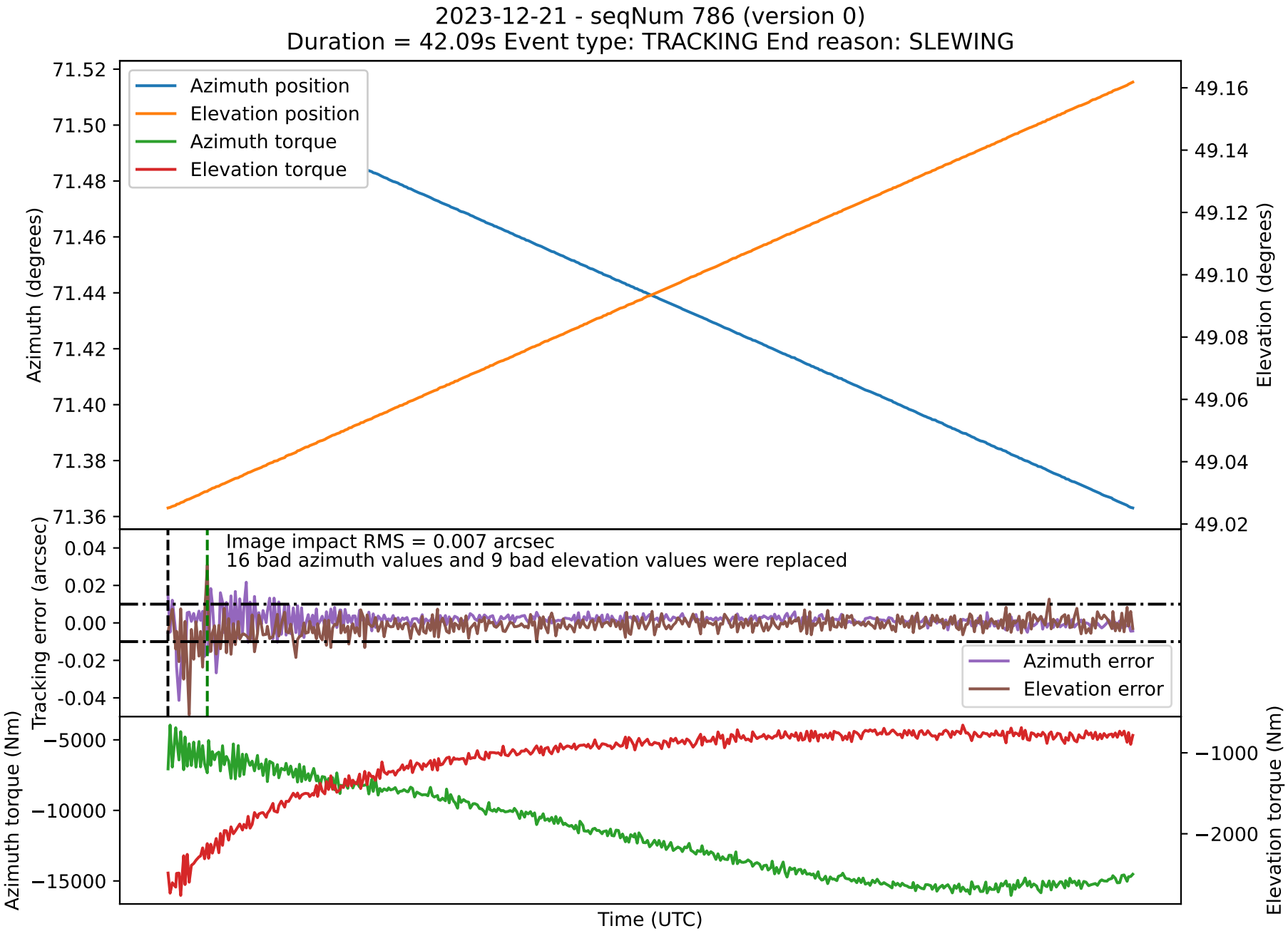

2023-12-21 - seqNum 776 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

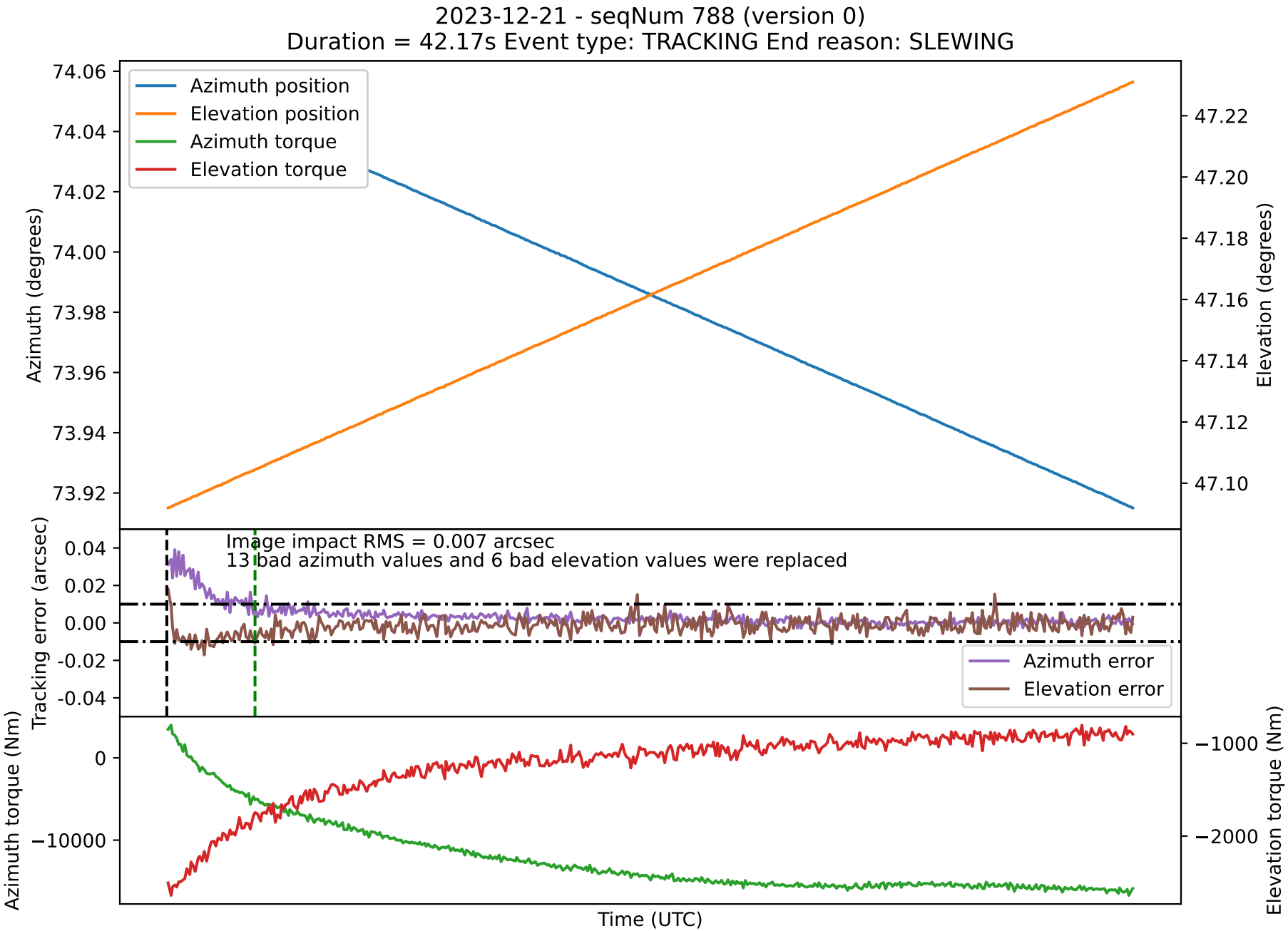

2023-12-21 - seqNum 778 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.006 arcsec
12 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

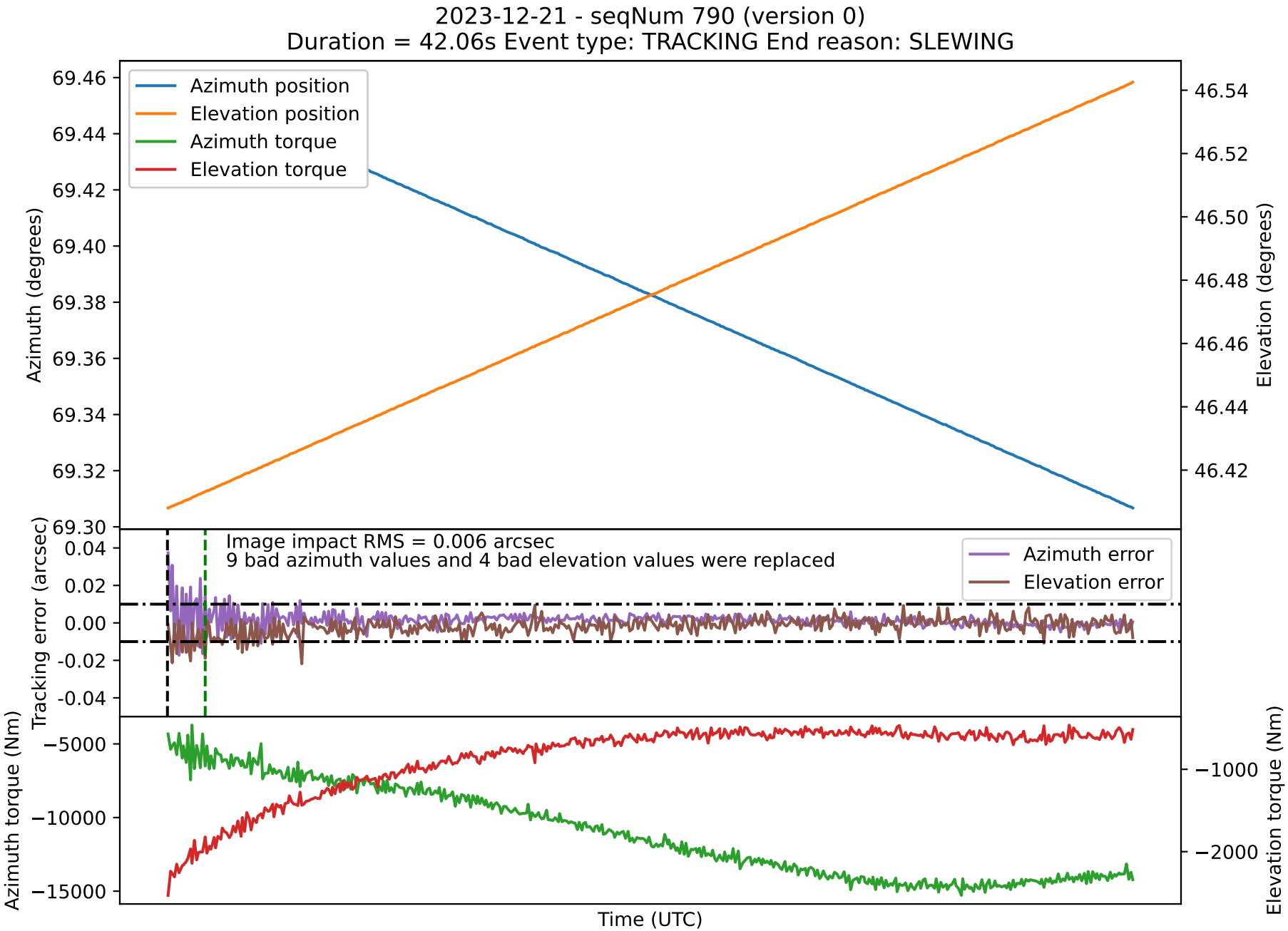

2023-12-21 - seqNum 780 (version 0)
Duration = 42.15s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

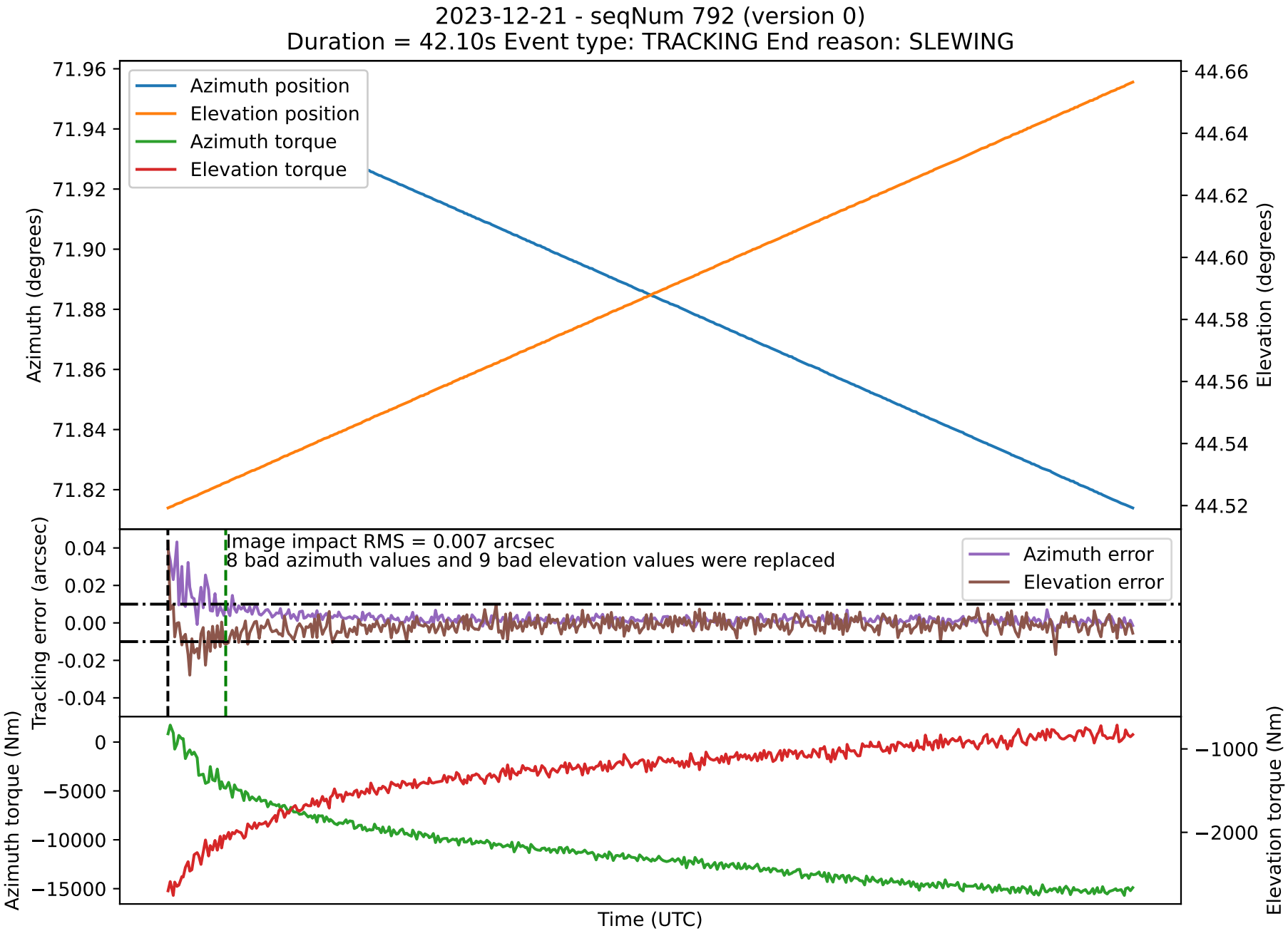

2023-12-21 - seqNum 782 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
70.75
70.72
70.70
70.68
70.65
70.62
70.60
53.82
53.80
53.78
53.76
53.74
53.72
53.70
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
Time (UTC)

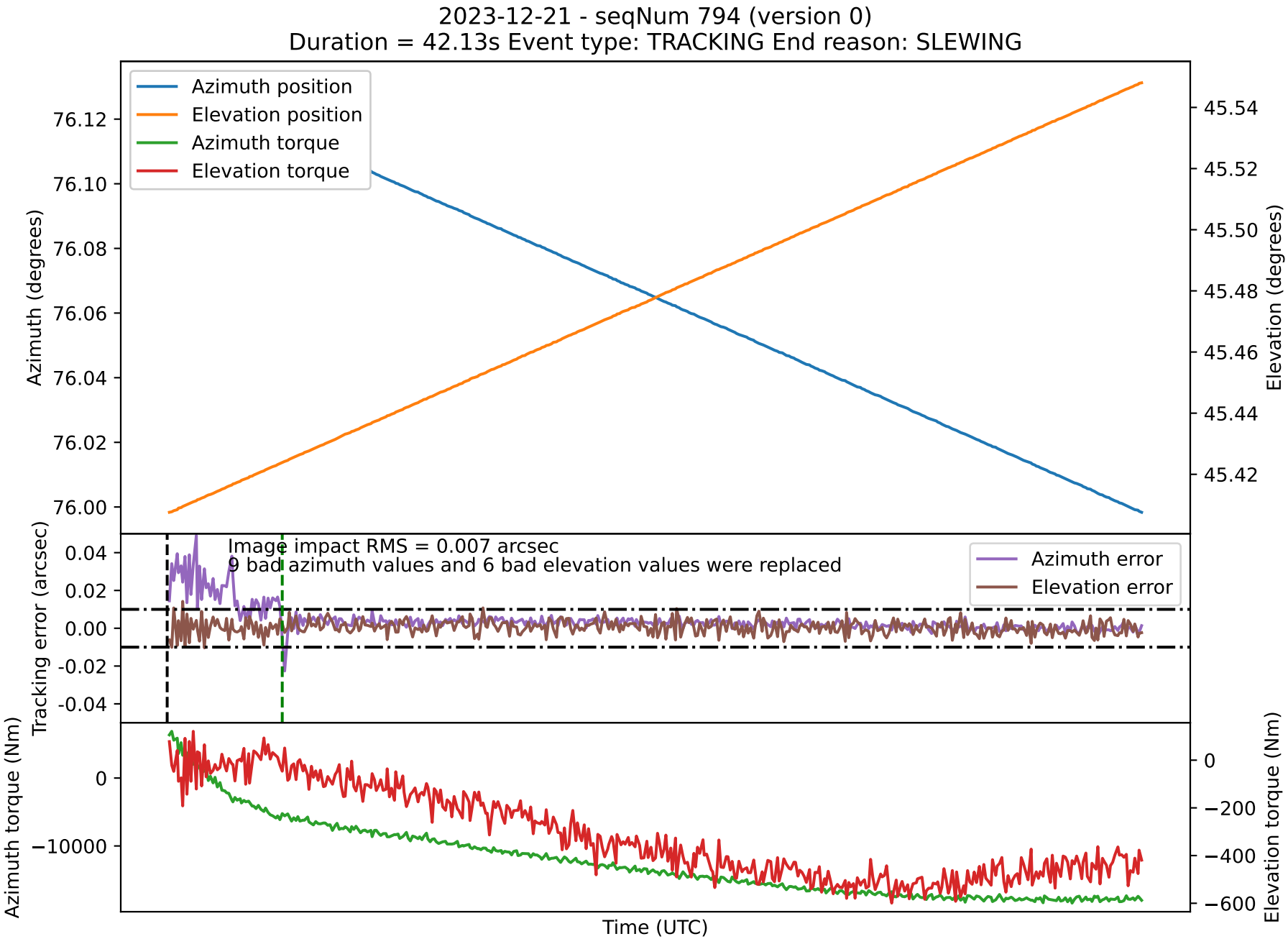

2023-12-21 - seqNum 784 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
73.60
73.58
73.56
73.54
73.52
73.50
73.48
73.46
73.44
51.92
51.90
51.88
51.86
51.84
51.82
51.80
51.78
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1000
−2000
−3000
Time (UTC)

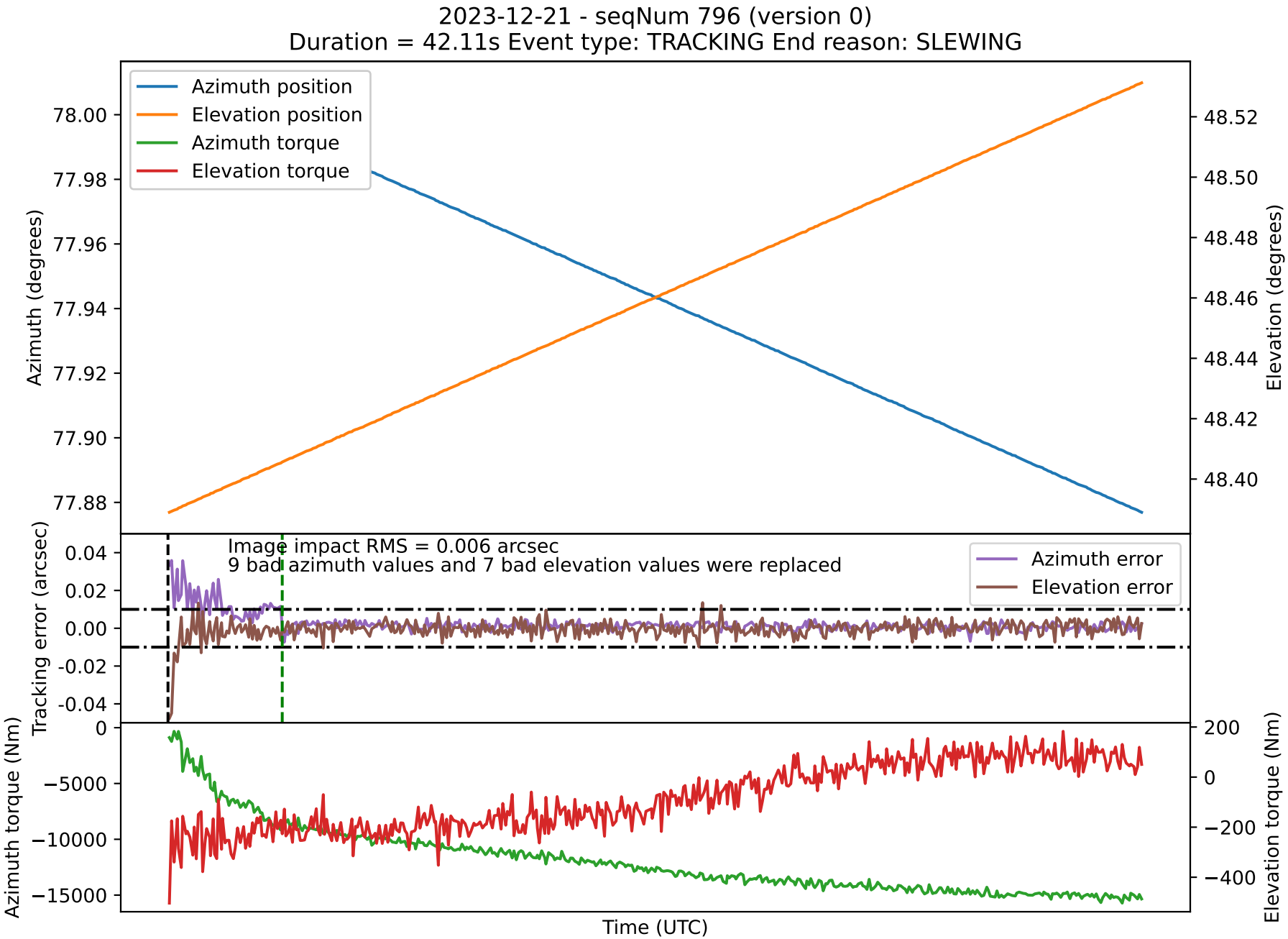

2023-12-21 - seqNum 786 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.007 arcsec
16 bad azimuth values and 9 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

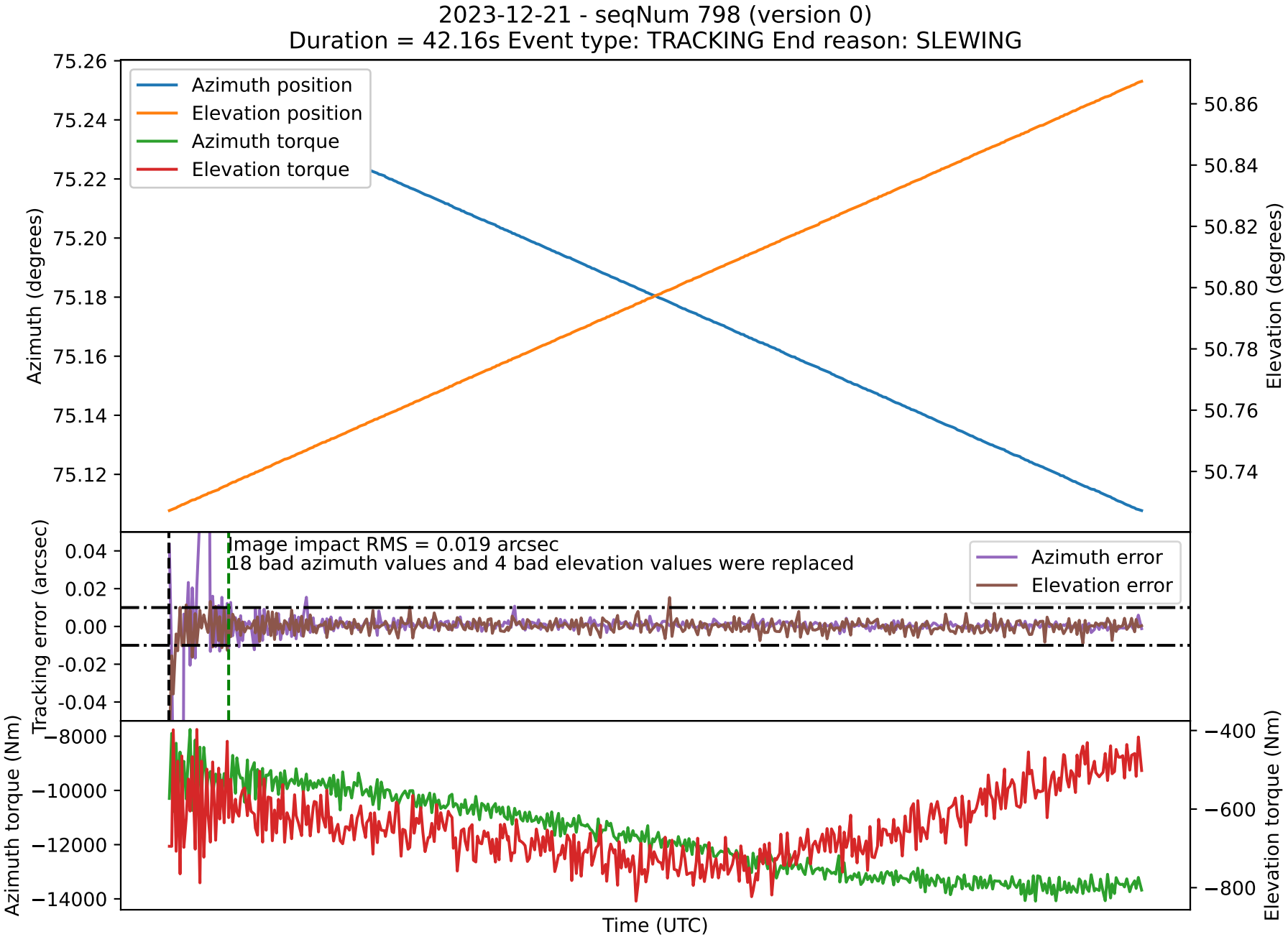

2023-12-21 - seqNum 788 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.007 arcsec
13 bad azimuth values and 6 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

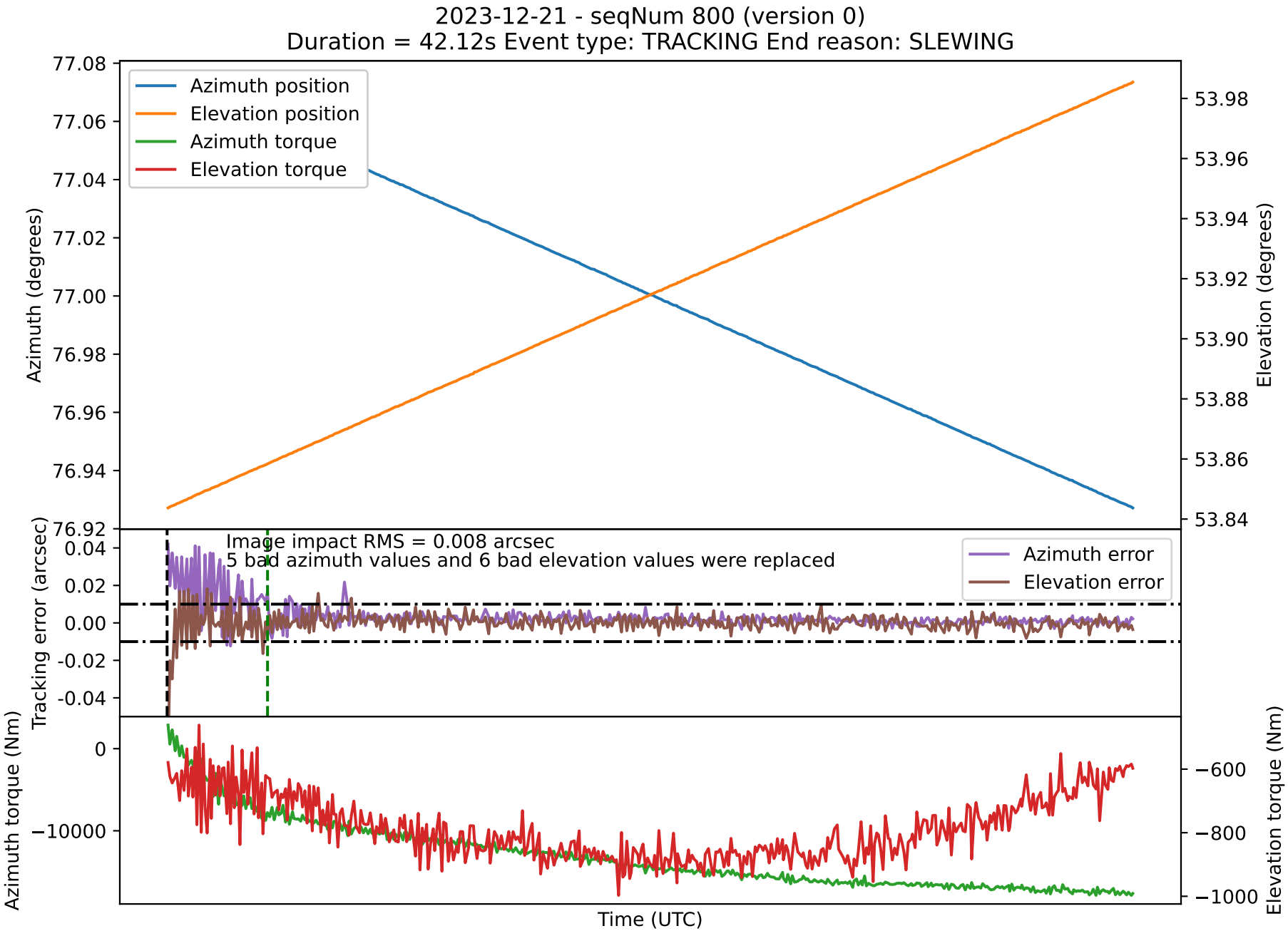

2023-12-21 - seqNum 790 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
69.46
69.44
69.42
69.40
69.38
69.36
69.34
69.32
69.30
46.54
46.52
46.50
46.48
46.46
46.44
46.42
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−1000
−2000
Time (UTC)

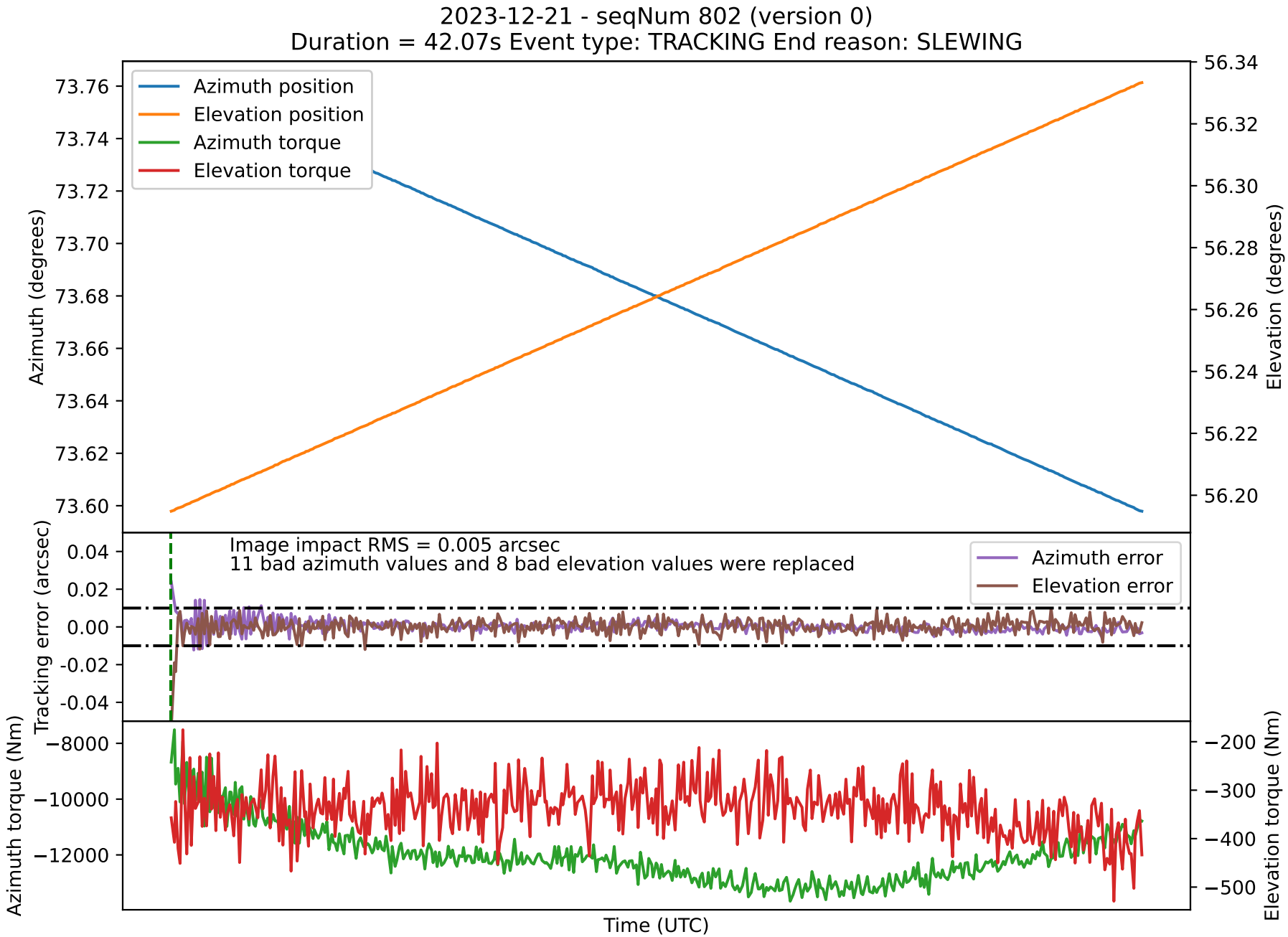

2023-12-21 - seqNum 792 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
71.96
71.94
71.92
71.90
71.88
71.86
71.84
71.82
44.66
44.64
44.62
44.60
44.58
44.56
44.54
44.52
Image impact RMS = 0.007 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)

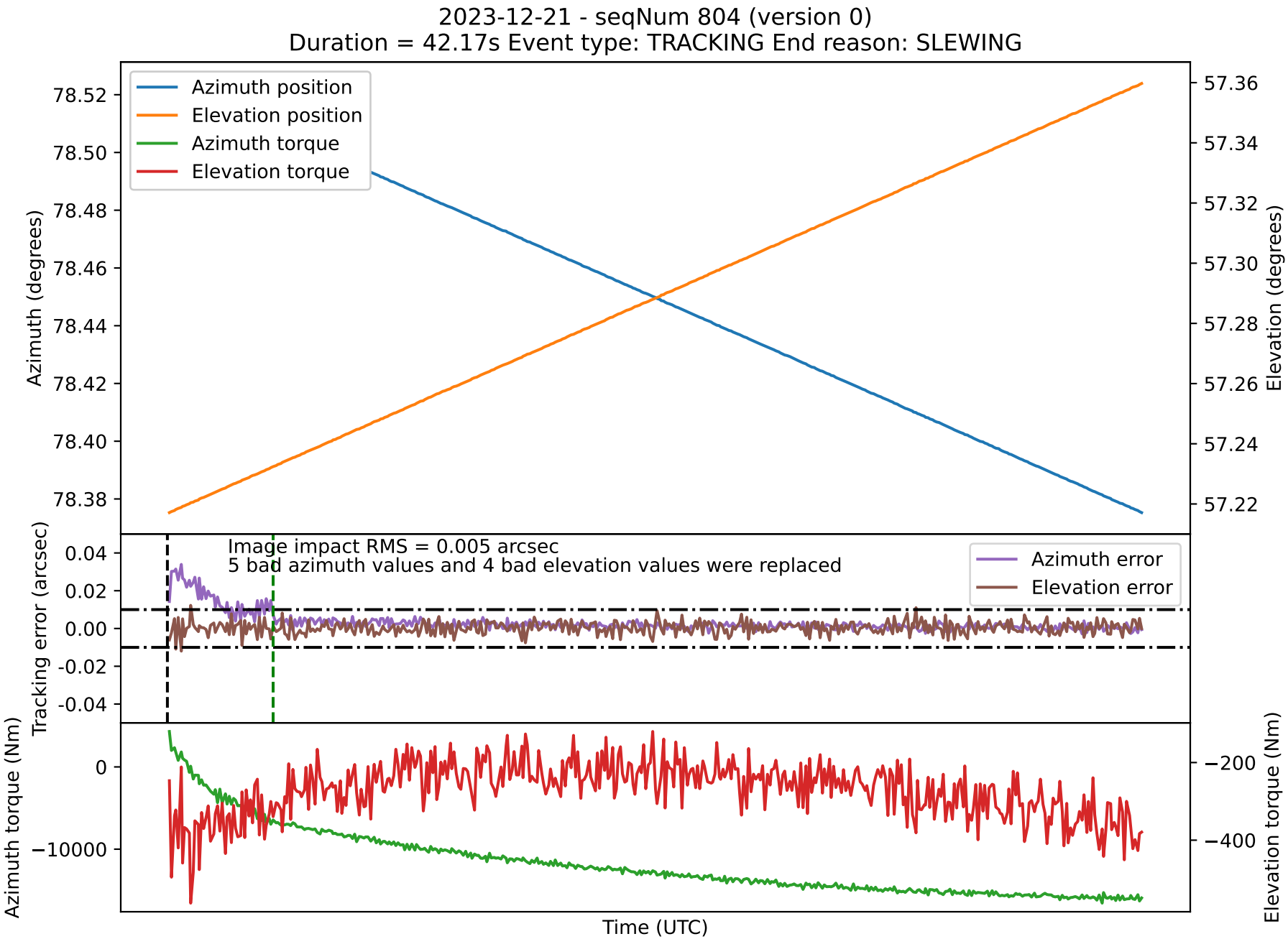

2023-12-21 - seqNum 794 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
76.12
76.10
76.08
76.06
76.04
76.02
76.00
45.54
45.52
45.50
45.48
45.46
45.44
45.42
Image impact RMS = 0.007 arcsec
9 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
0
−200
−400
−600
Time (UTC)

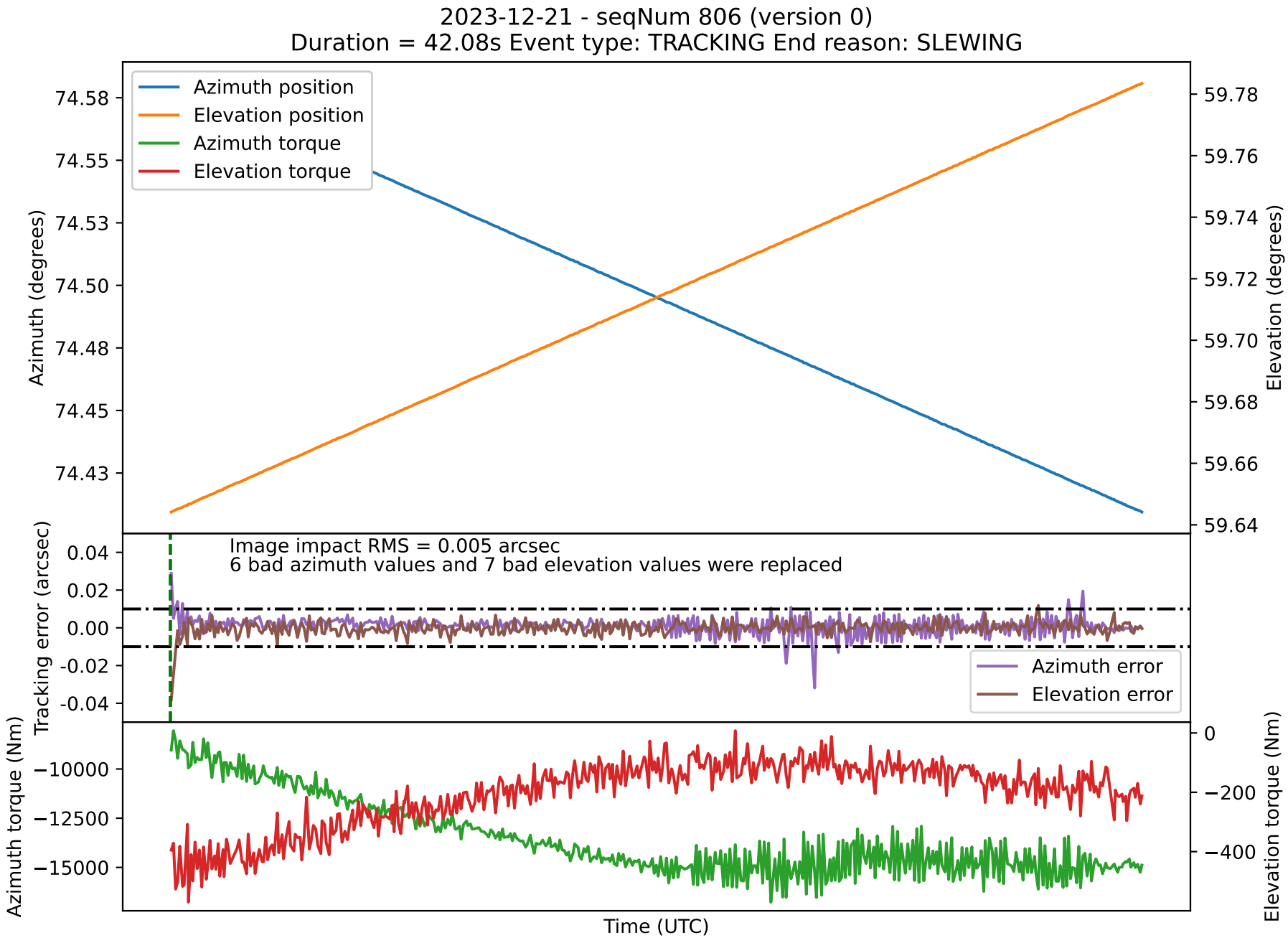

2023-12-21 - seqNum 796 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
78.00
77.98
77.96
77.94
77.92
77.90
77.88
48.52
48.50
48.48
48.46
48.44
48.42
48.40
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
200
0
−200
−400
Time (UTC)

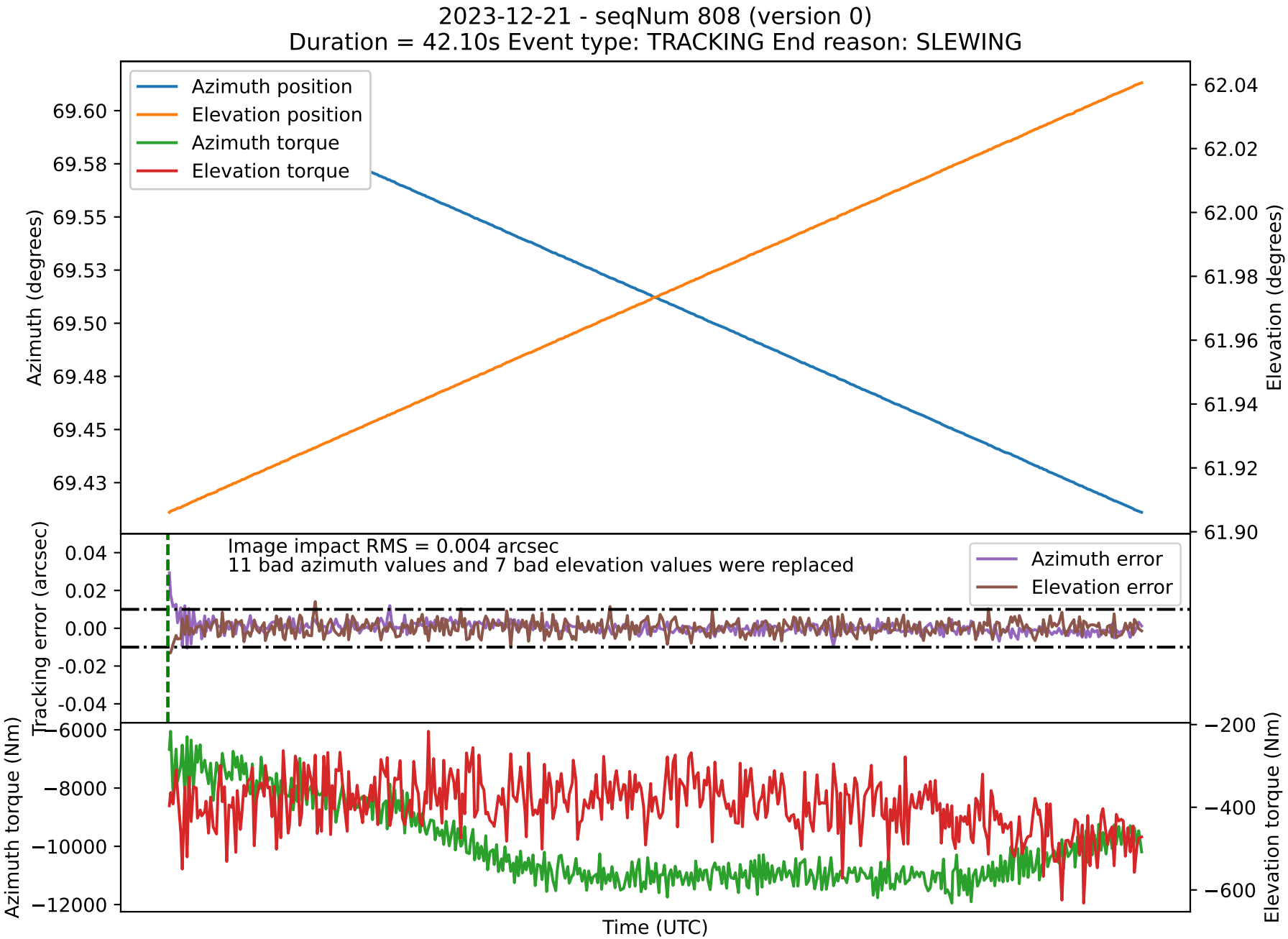

2023-12-21 - seqNum 798 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
75.26
75.24
75.22
75.20
75.18
75.16
75.14
75.12
50.86
50.84
50.82
50.80
50.78
50.76
50.74
Image impact RMS = 0.019 arcsec
18 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−8000
−10000
−12000
−14000
−400
−600
−800
Time (UTC)

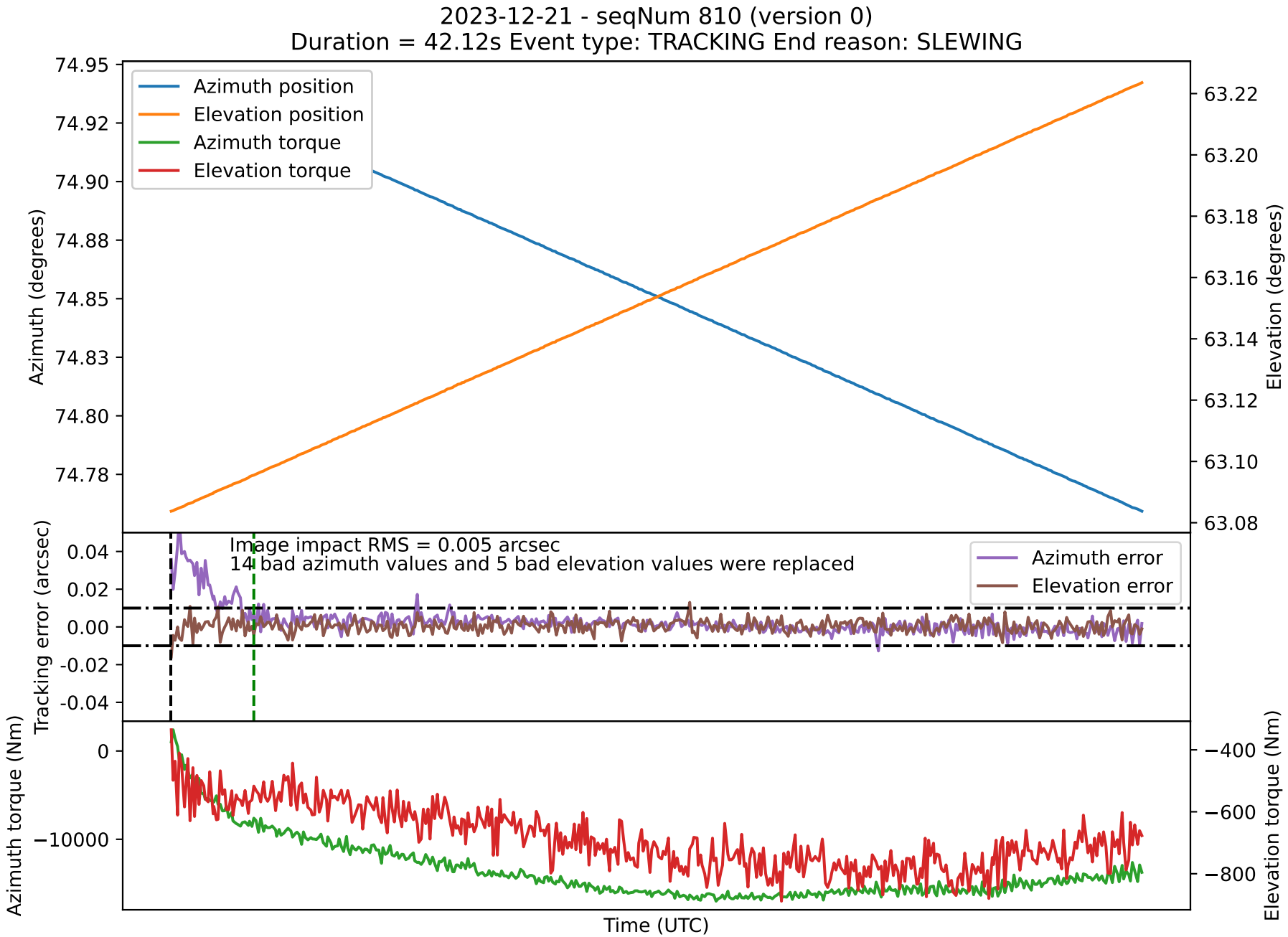

2023-12-21 - seqNum 800 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
77.08
77.06
77.04
77.02
77.00
76.98
76.96
76.94
76.92
53.98
53.96
53.94
53.92
53.90
53.88
53.86
53.84
Image impact RMS = 0.008 arcsec
5 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−600
−800
−1000
Time (UTC)

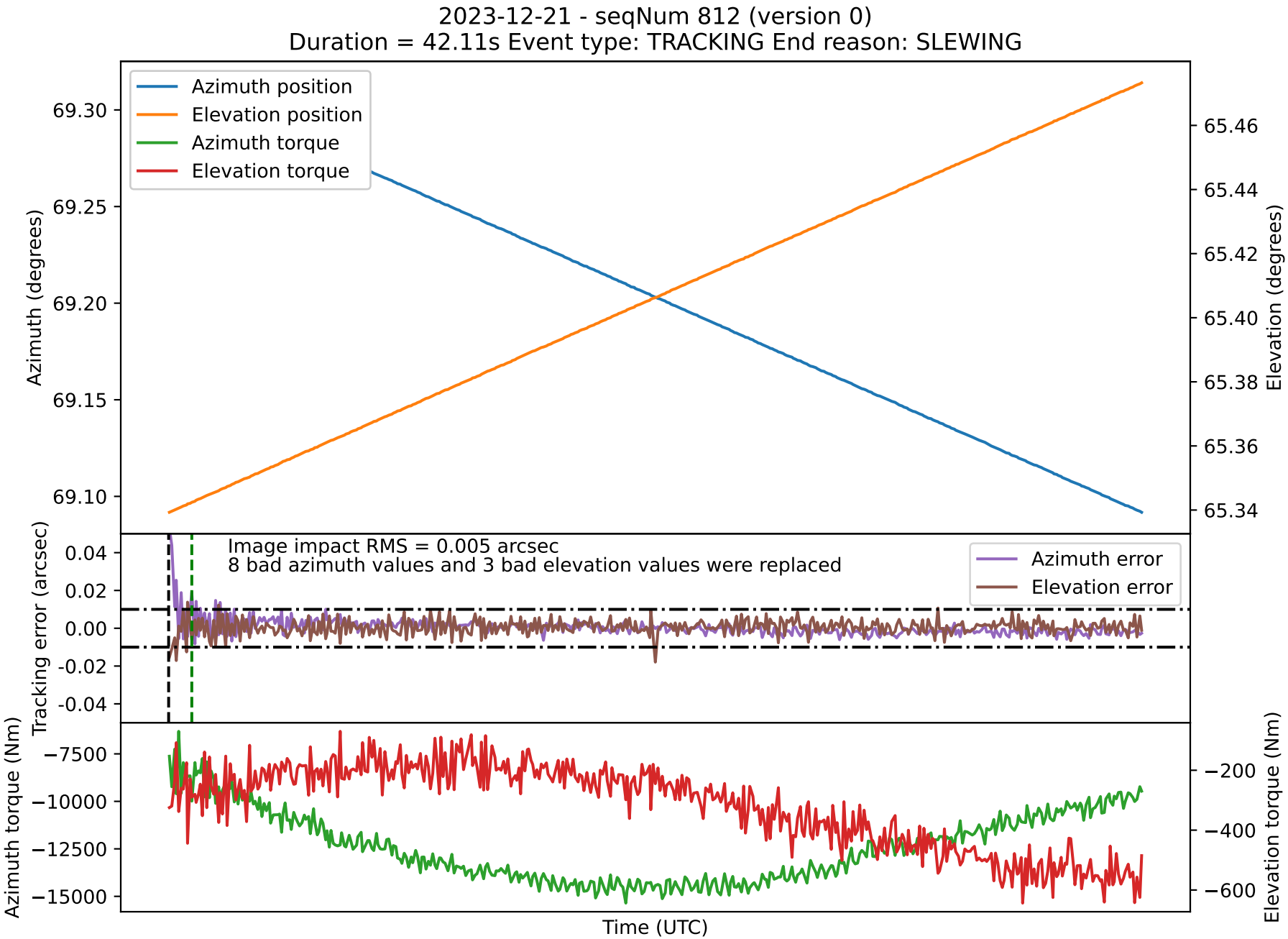

2023-12-21 - seqNum 802 (version 0)
Duration = 42.07s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

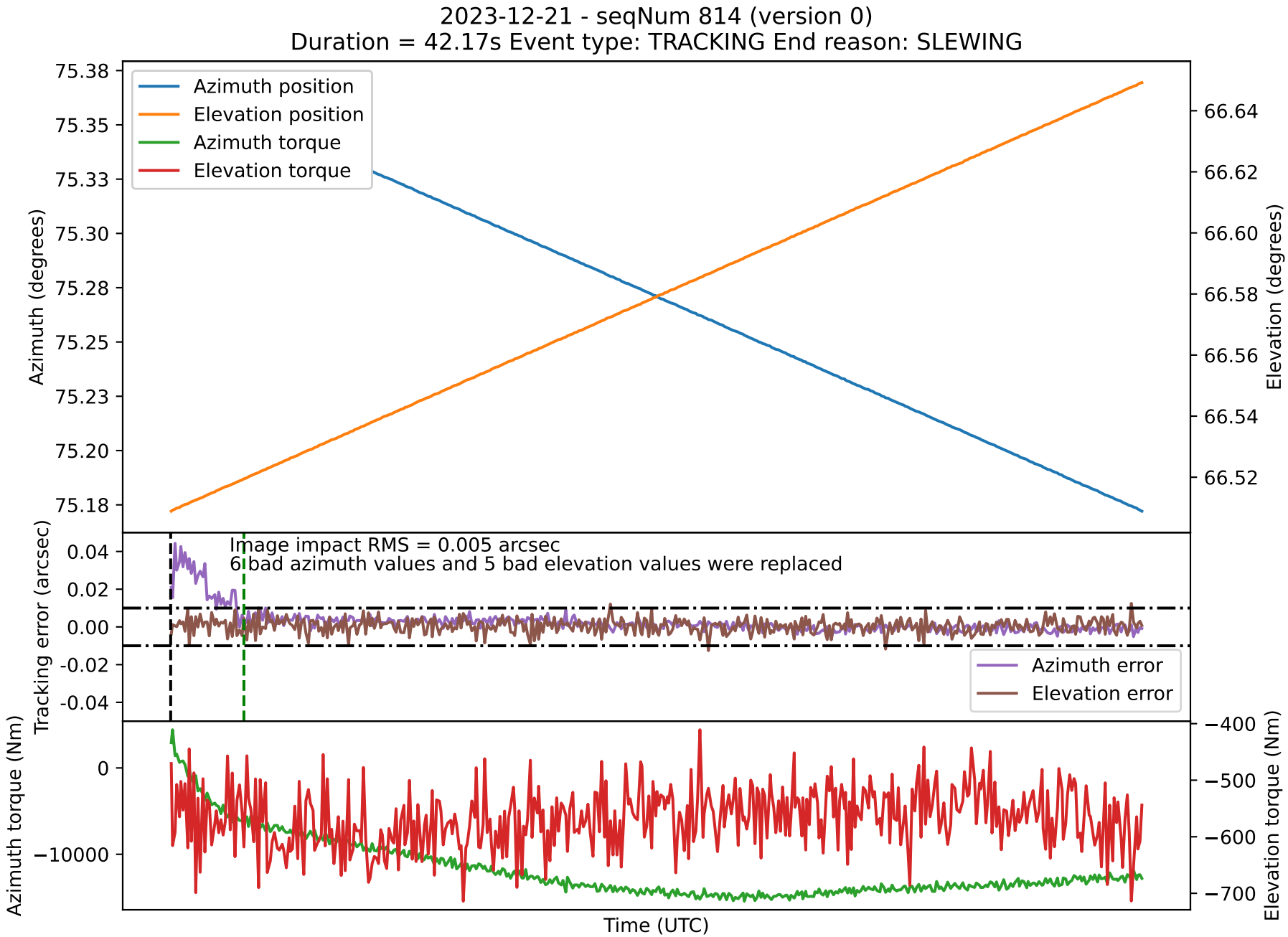

2023-12-21 - seqNum 804 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
78.52
78.50
78.48
78.46
78.44
78.42
78.40
78.38
57.36
57.34
57.32
57.30
57.28
57.26
57.24
57.22
Image impact RMS = 0.005 arcsec
5 bad azimuth values and 4 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−200
−400
Time (UTC)

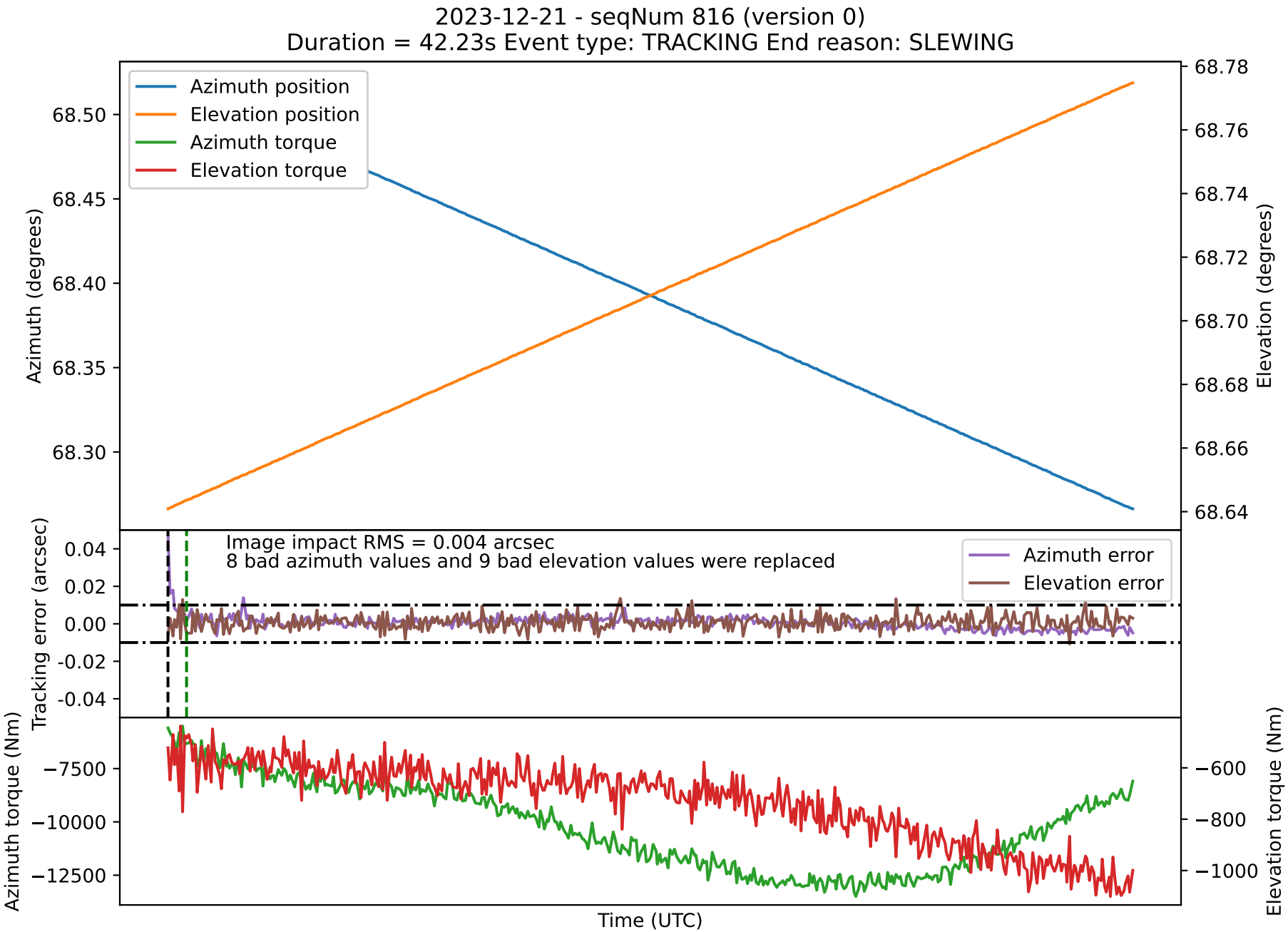

2023-12-21 - seqNum 806 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
74.58
74.55
74.53
74.50
74.48
74.45
74.43
59.78
59.76
59.74
59.72
59.70
59.68
59.66
59.64
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
−10000
−12500
−15000
Elevation torque (Nm)
0
−200
−400
Time (UTC)

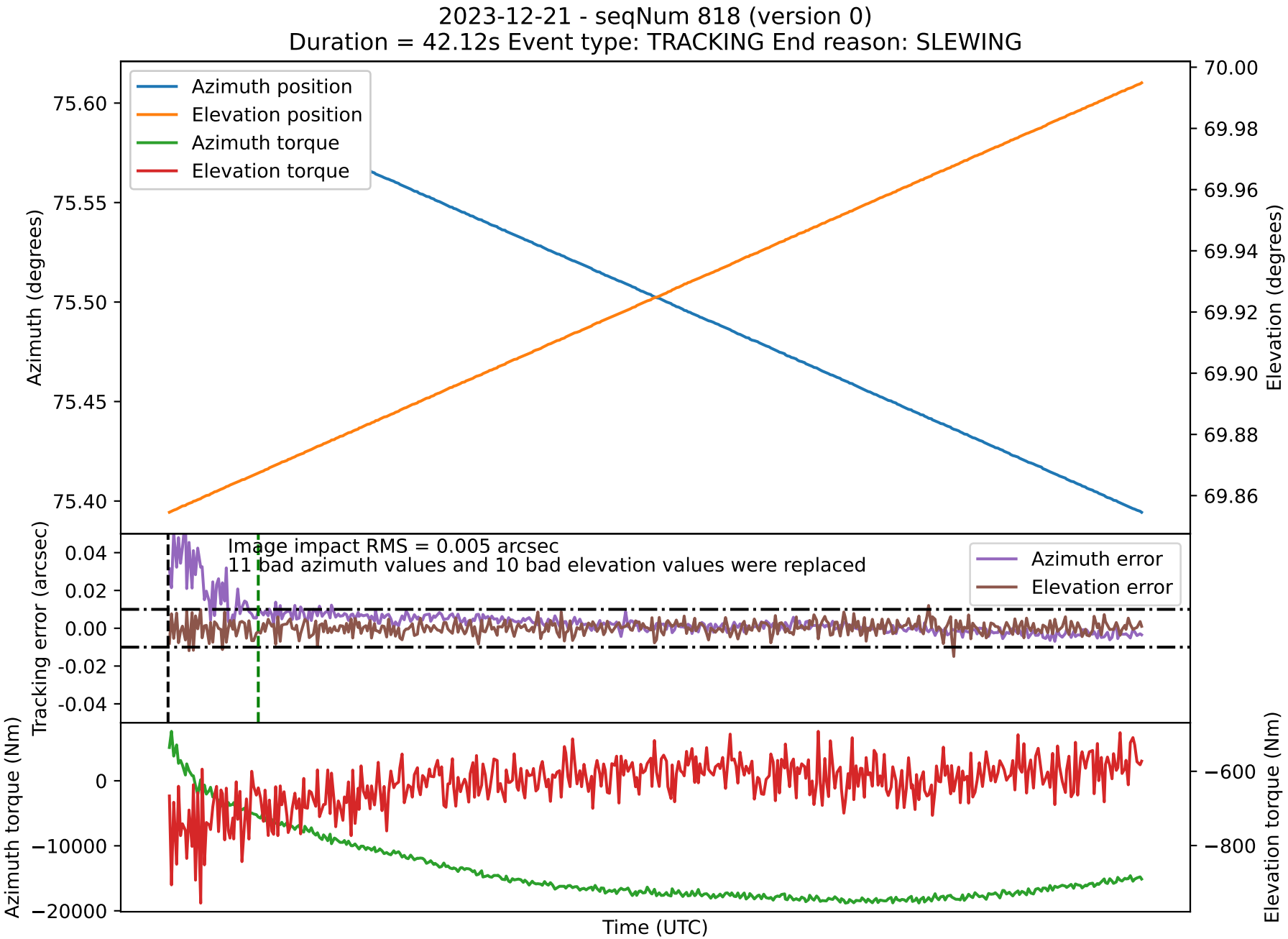

2023-12-21 - seqNum 808 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
69.60
69.58
69.55
69.53
69.50
69.48
69.45
69.43
62.04
62.02
62.00
61.98
61.96
61.94
61.92
61.90
Image impact RMS = 0.004 arcsec
11 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−12000
−200
−400
−600
Time (UTC)

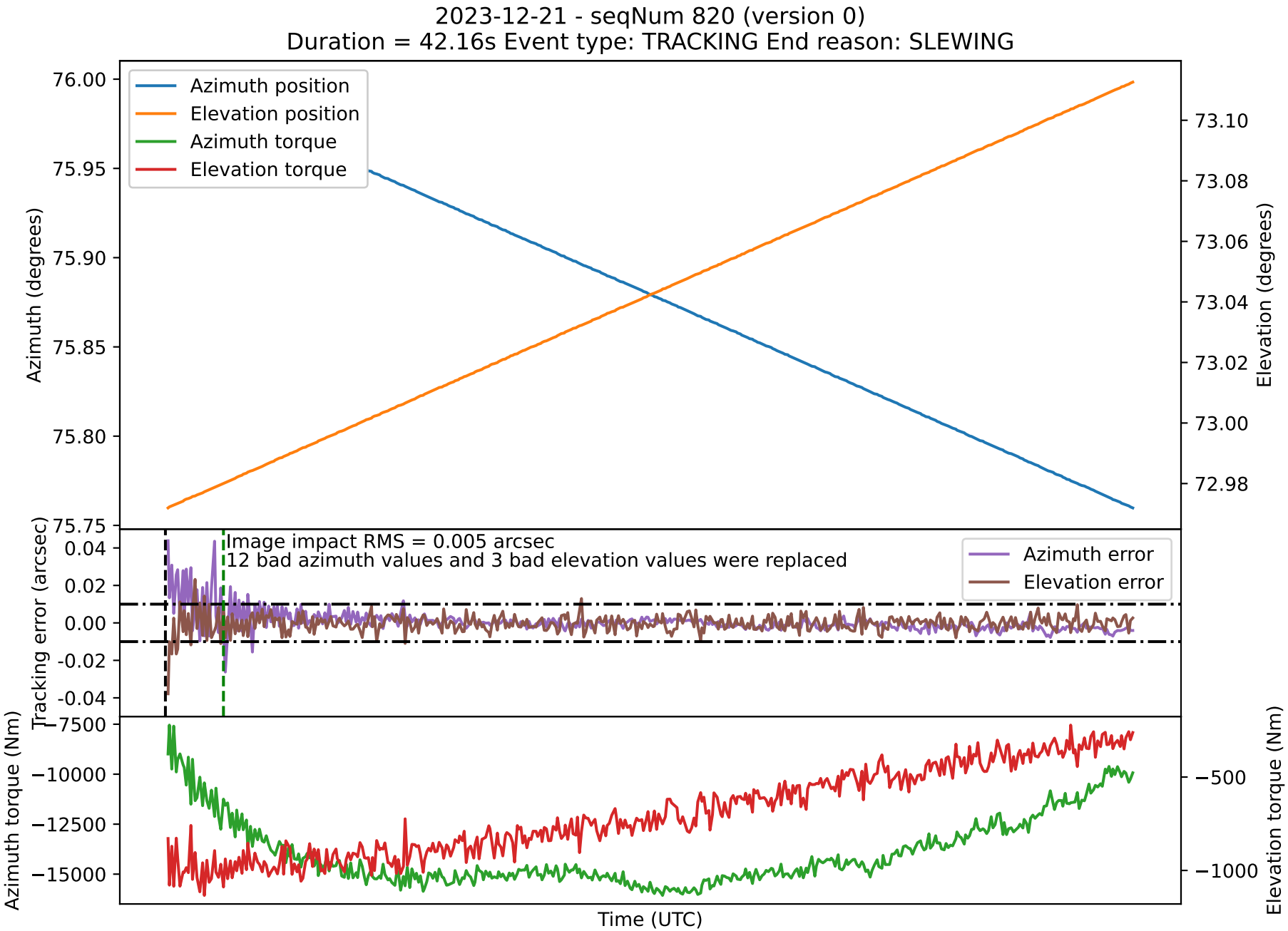

2023-12-21 - seqNum 810 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
74.95
74.92
74.90
74.88
74.85
74.83
74.80
74.78
63.22
63.20
63.18
63.16
63.14
63.12
63.10
63.08
Image impact RMS = 0.005 arcsec
14 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−400
−600
−800
Time (UTC)

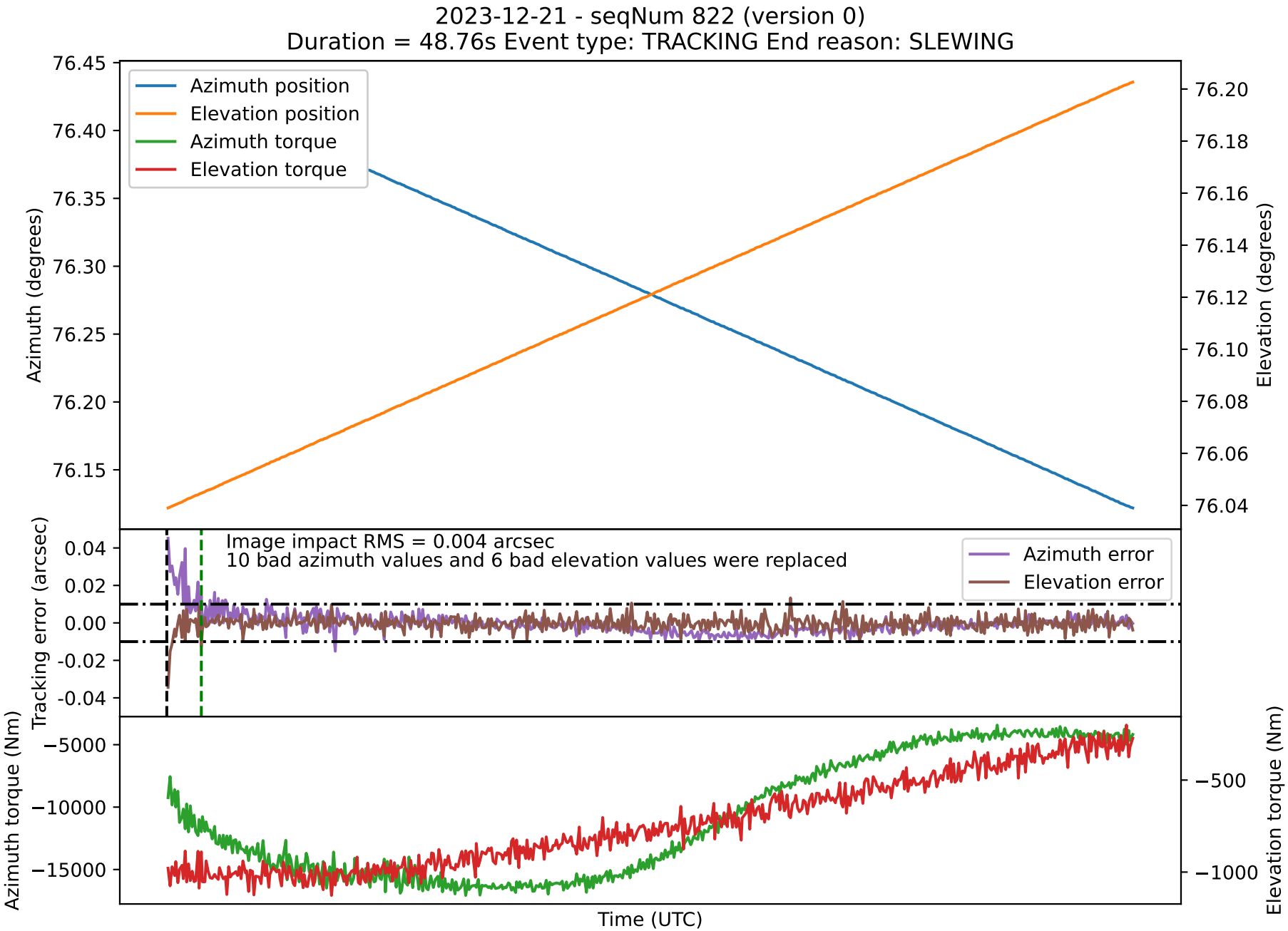

2023-12-21 - seqNum 812 (version 0)
Duration = 42.11s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
69.30
69.25
69.20
69.15
69.10
65.46
65.44
65.42
65.40
65.38
65.36
65.34
Image impact RMS = 0.005 arcsec
8 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−200
−400
−600
Time (UTC)

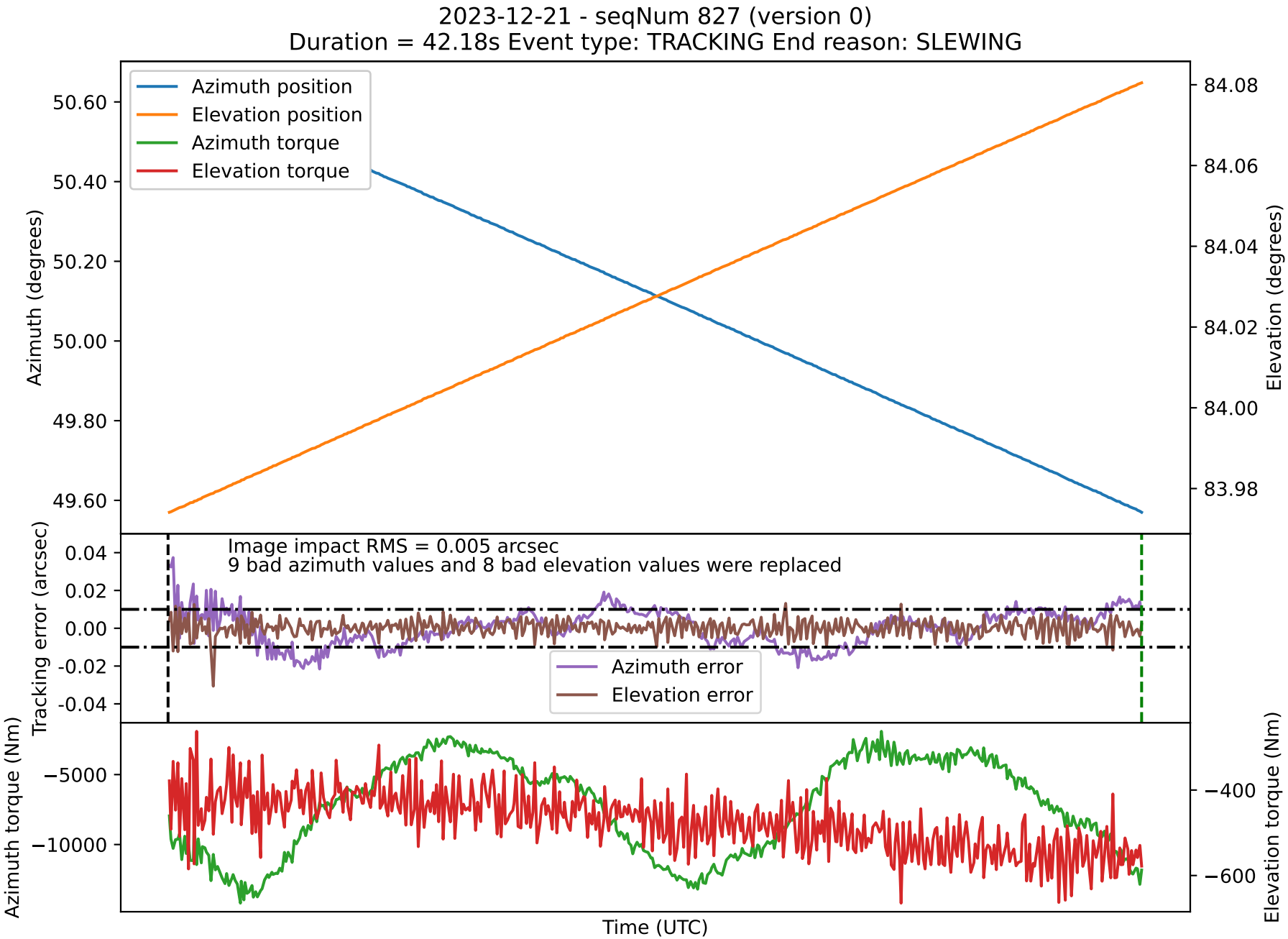

2023-12-21 - seqNum 814 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 5 bad elevation values were replaced
Tracking error (arcsec)
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

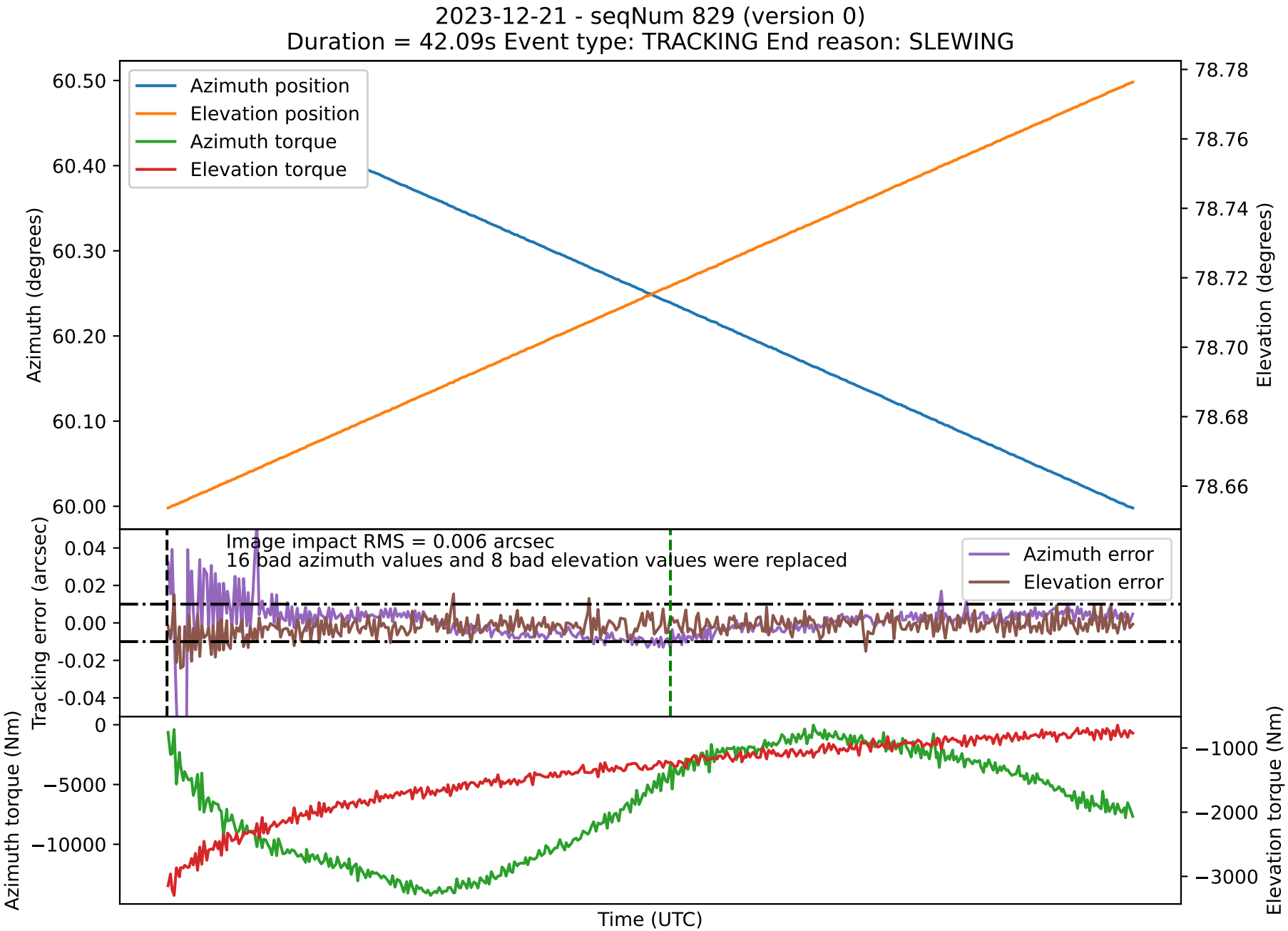

2023-12-21 - seqNum 816 (version 0)
Duration = 42.23s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
68.50
68.45
68.40
68.35
68.30
68.78
68.76
68.74
68.72
68.70
68.68
68.66
68.64
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−600
−800
−1000
Time (UTC)

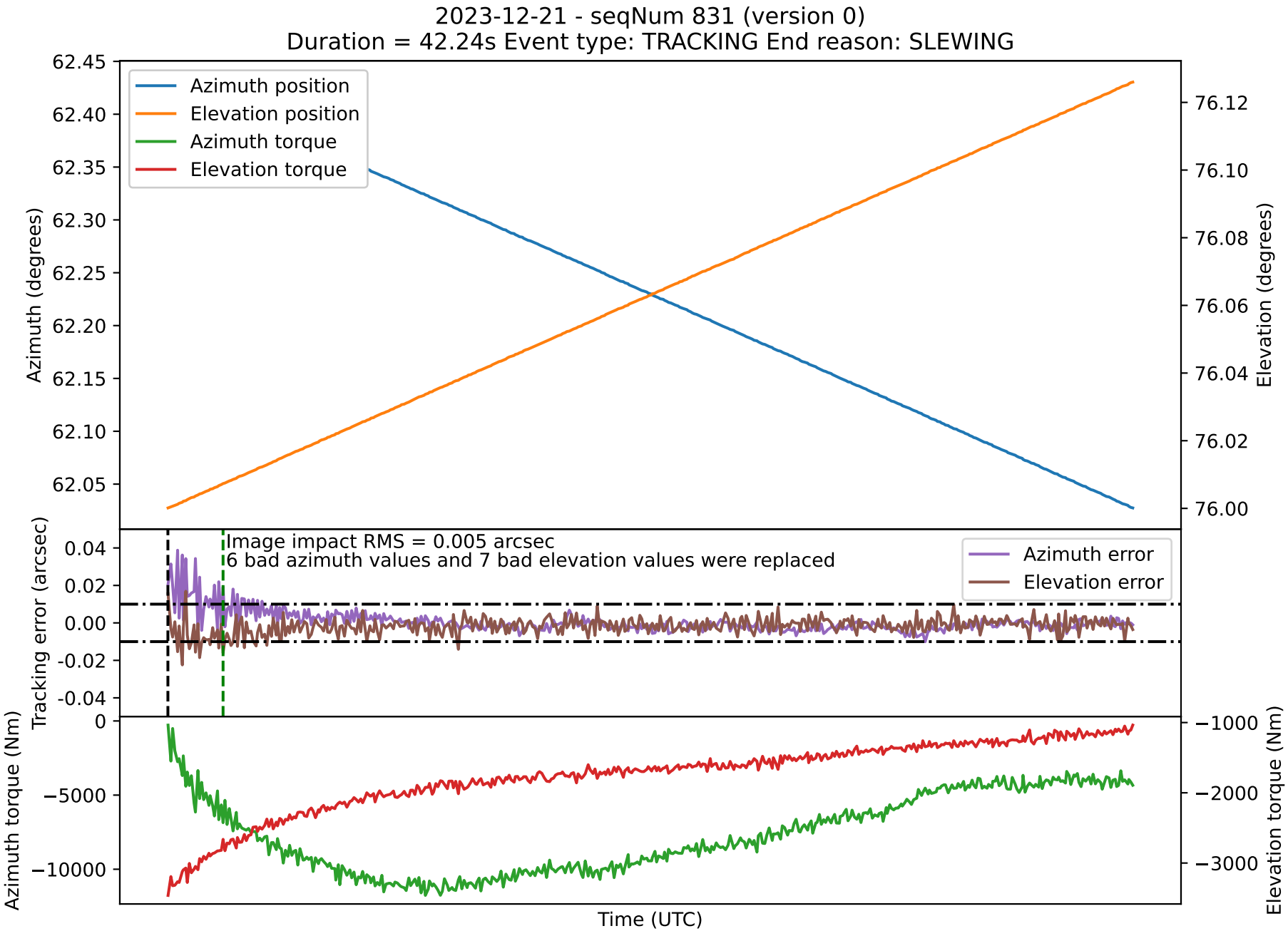

2023-12-21 - seqNum 818 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
75.60
75.55
75.50
75.45
75.40
70.00
69.98
69.96
69.94
69.92
69.90
69.88
69.86
Image impact RMS = 0.005 arcsec
11 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−20000
−600
−800
Time (UTC)

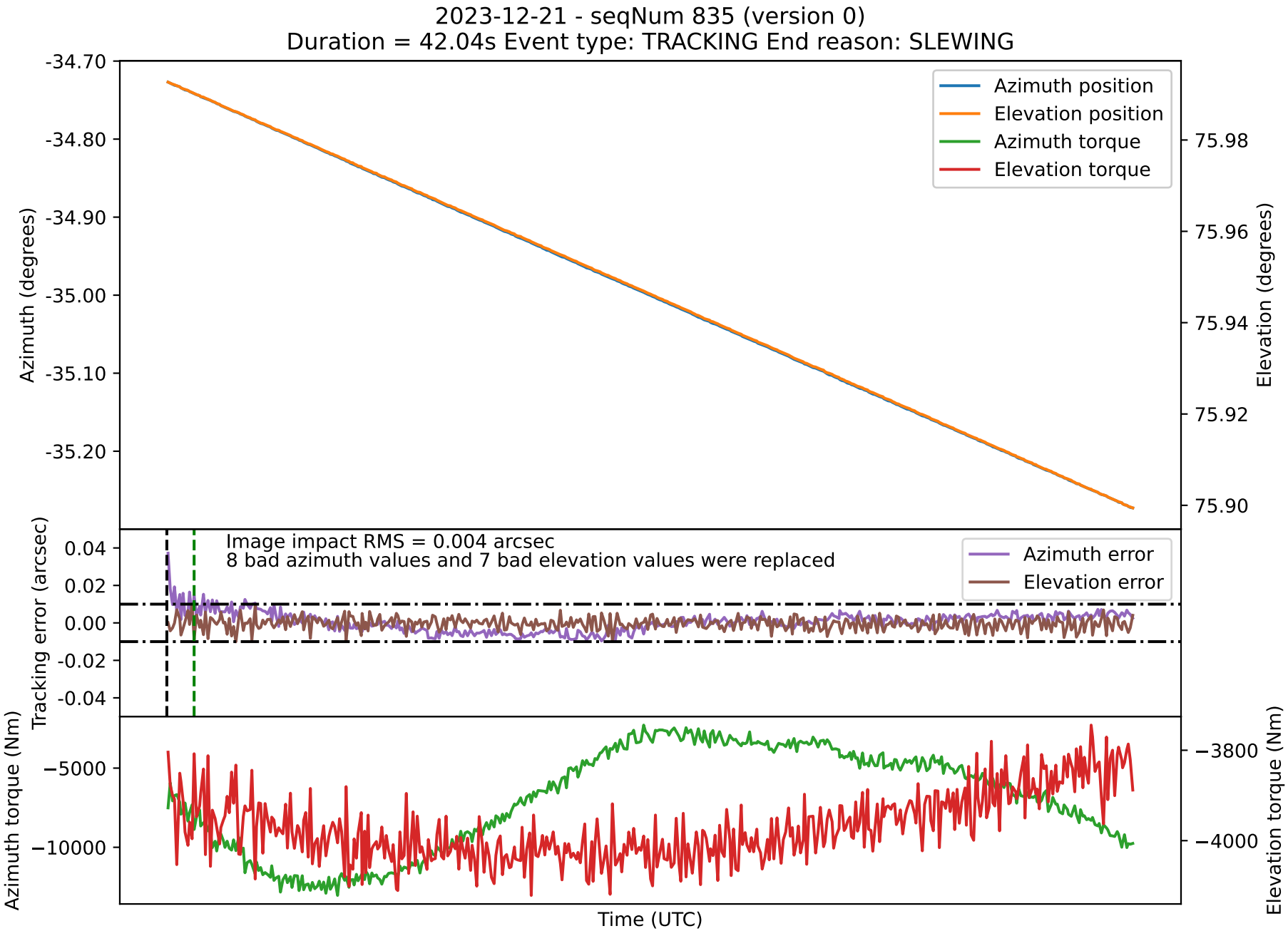

2023-12-21 - seqNum 820 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
76.00
75.95
75.90
75.85
75.80
75.75
73.10
73.08
73.06
73.04
73.02
73.00
72.98
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−500
−1000
Time (UTC)

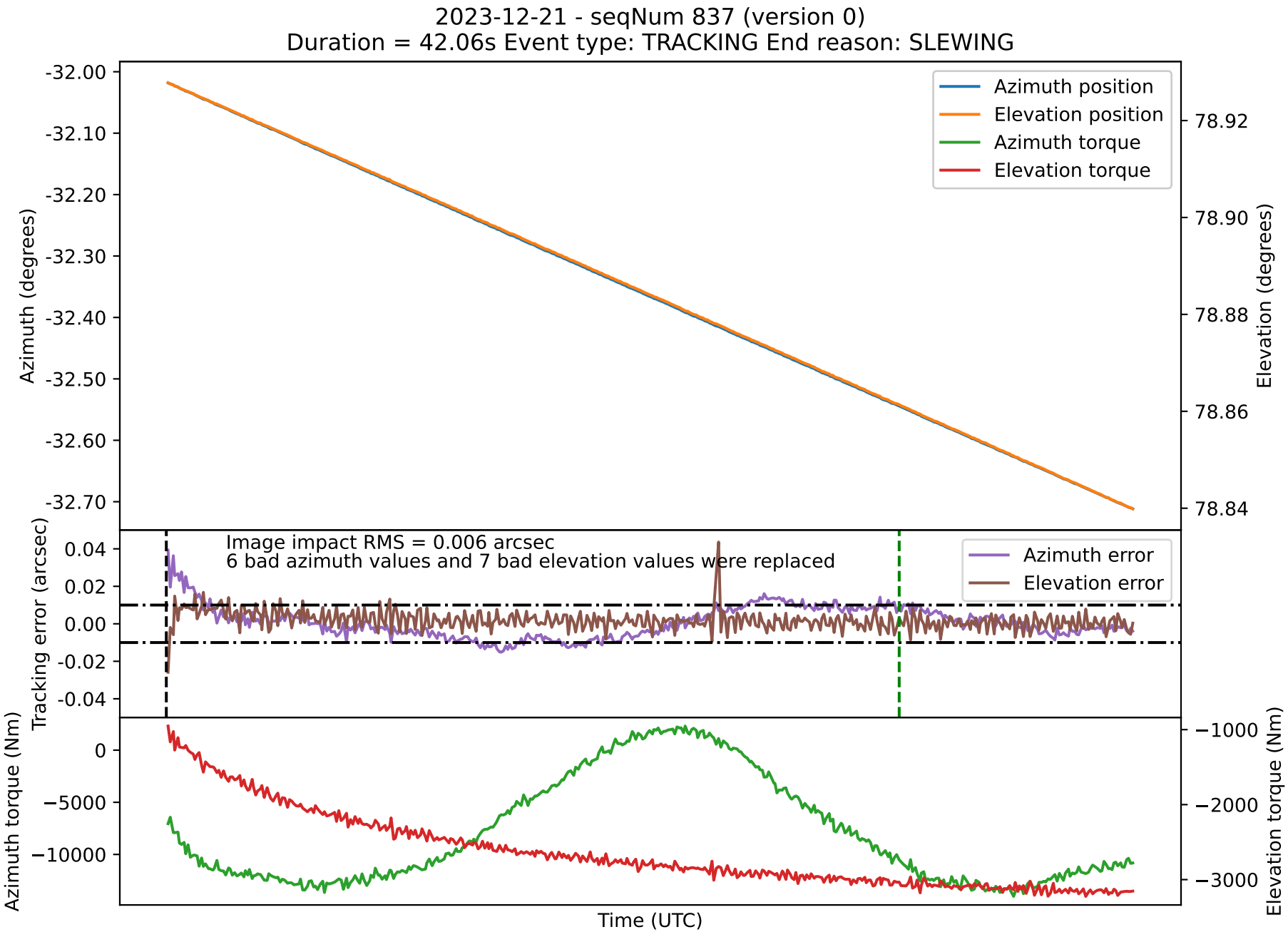

2023-12-21 - seqNum 822 (version 0)
Duration = 48.76s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

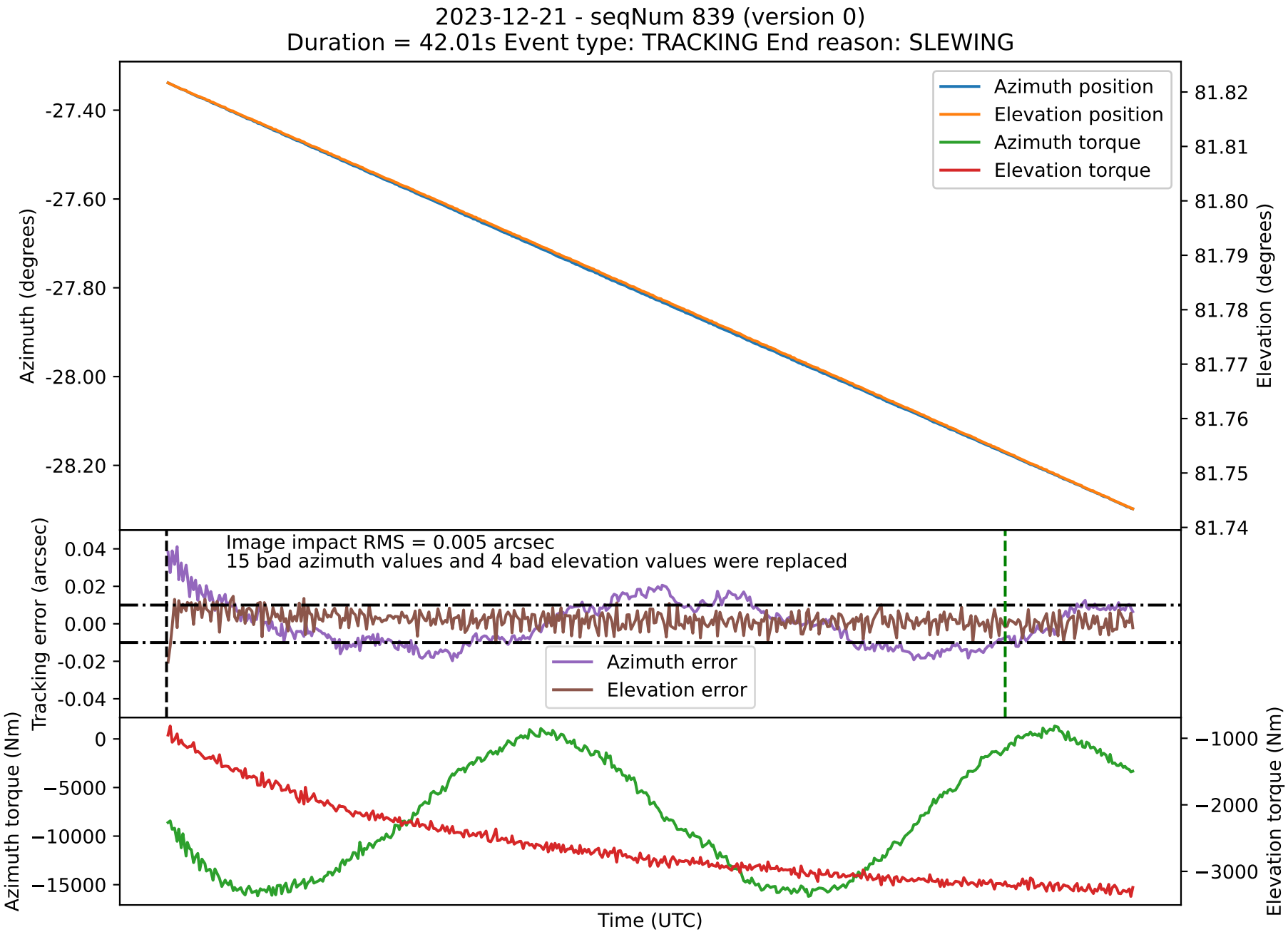

2023-12-21 - seqNum 827 (version 0)
Duration = 42.18s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
50.60
50.40
50.20
50.00
49.80
49.60
84.08
84.06
84.04
84.02
84.00
83.98
Image impact RMS = 0.005 arcsec
9 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−400
−600
Time (UTC)

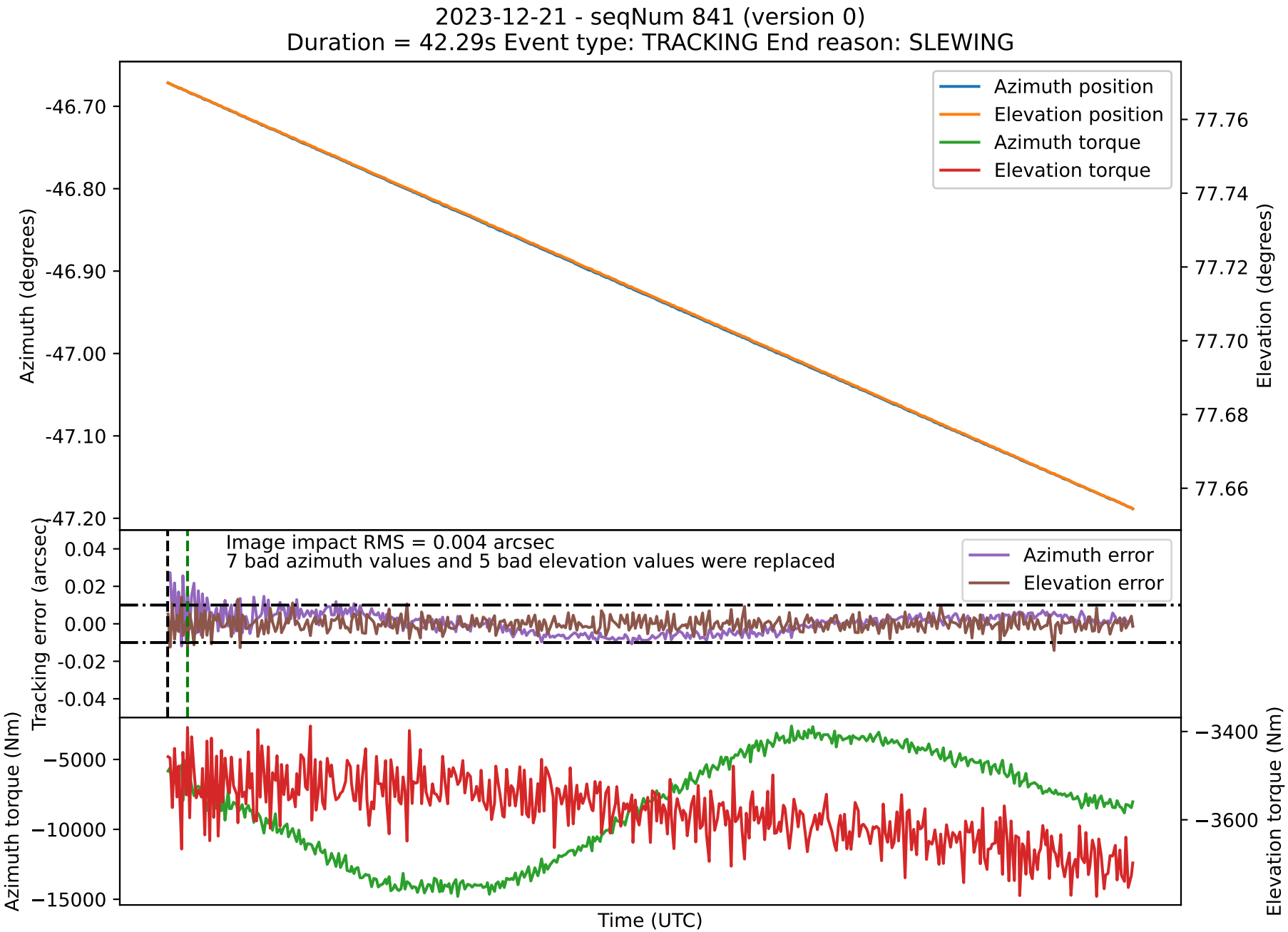

2023-12-21 - seqNum 829 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
60.50
60.40
60.30
60.20
60.10
60.00
78.78
78.76
78.74
78.72
78.70
78.68
78.66
Image impact RMS = 0.006 arcsec
16 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
−3000
Time (UTC)

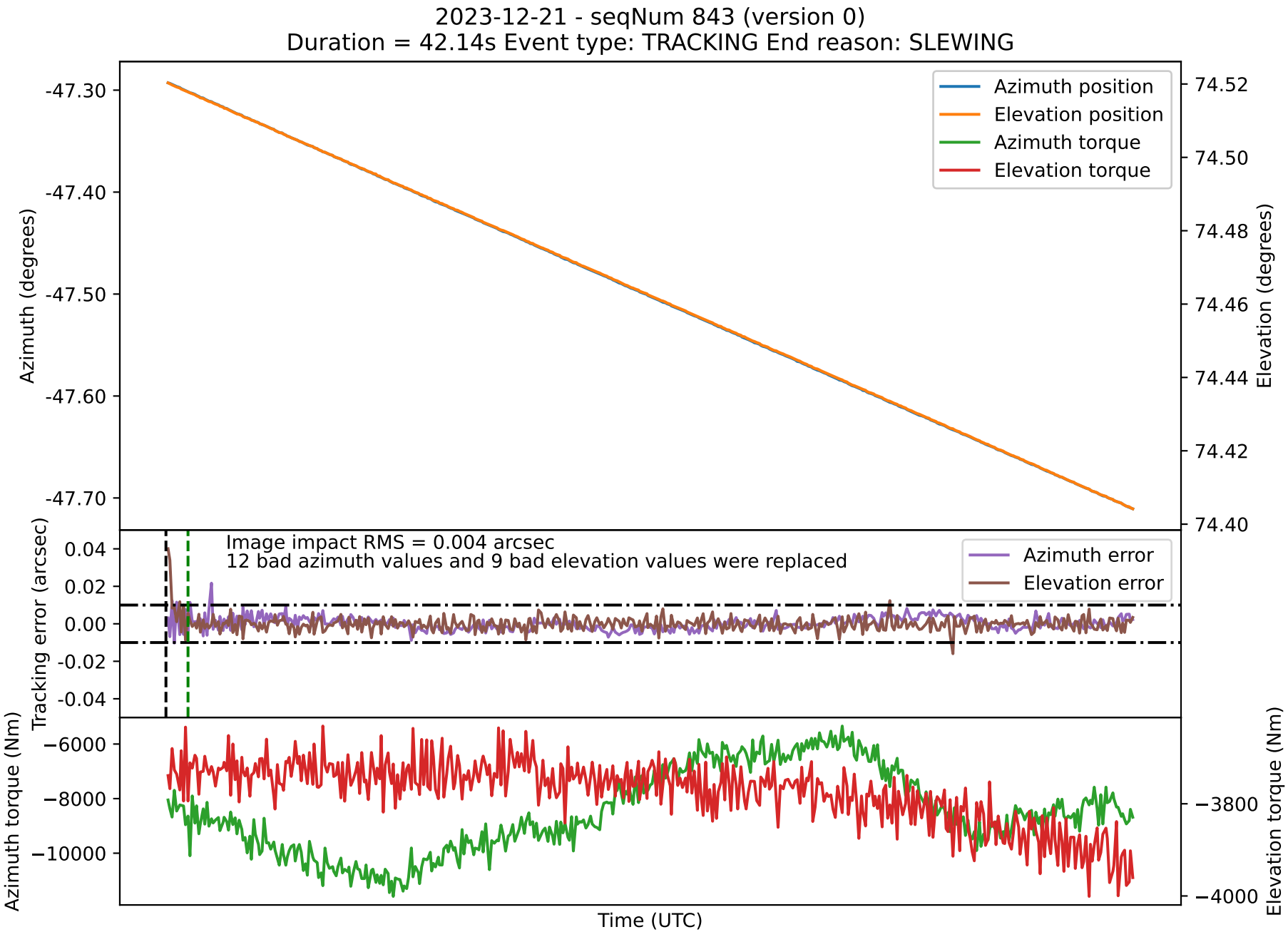

2023-12-21 - seqNum 831 (version 0)
Duration = 42.24s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
Image impact RMS = 0.005 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
Azimuth torque (Nm)
Elevation torque (Nm)
Time (UTC)

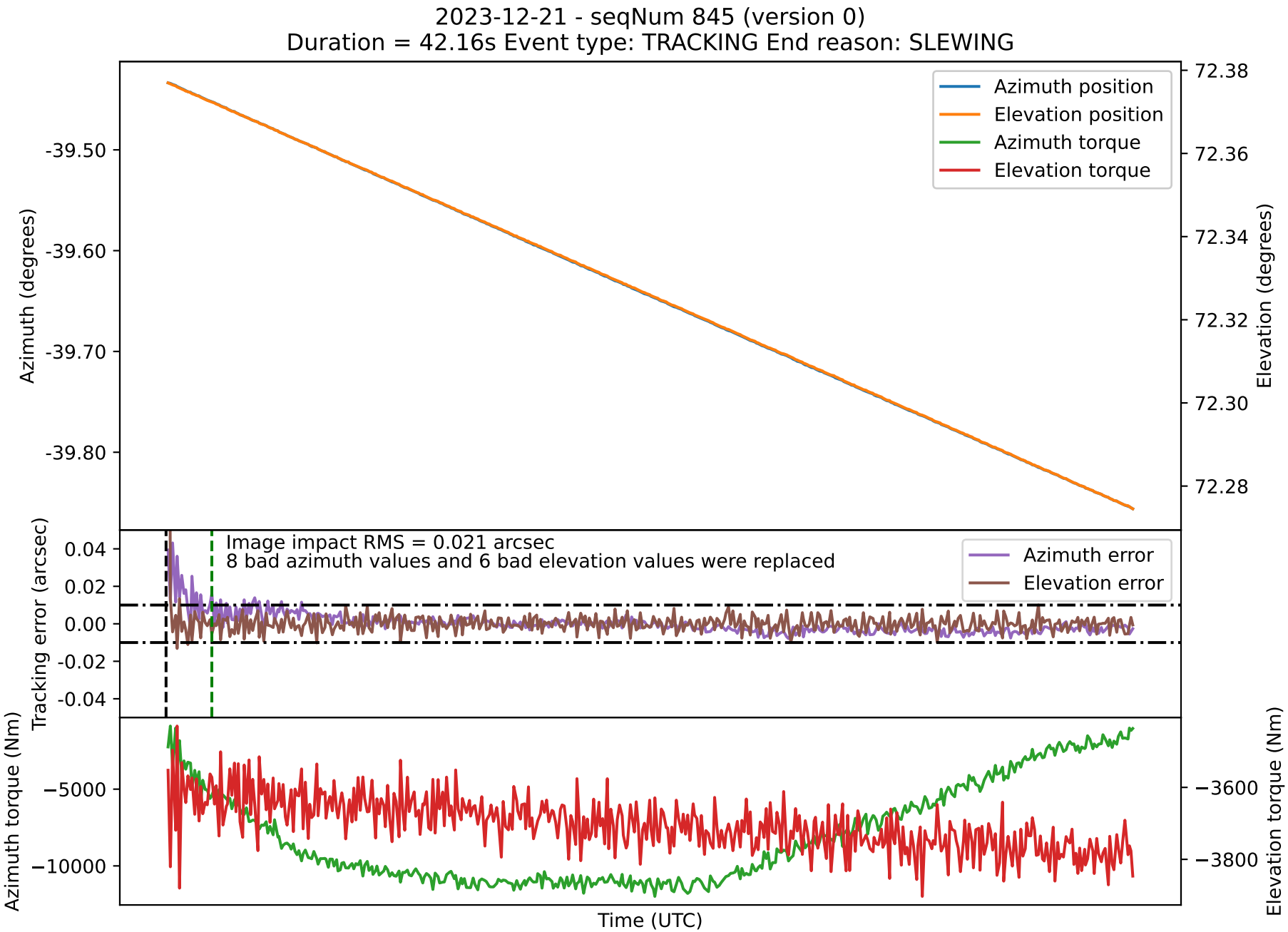

2023-12-21 - seqNum 835 (version 0)
Duration = 42.04s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-34.70
-34.80
-34.90
-35.00
-35.10
-35.20
75.98
75.96
75.94
75.92
75.90
Image impact RMS = 0.004 arcsec
8 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3800
−4000
Time (UTC)

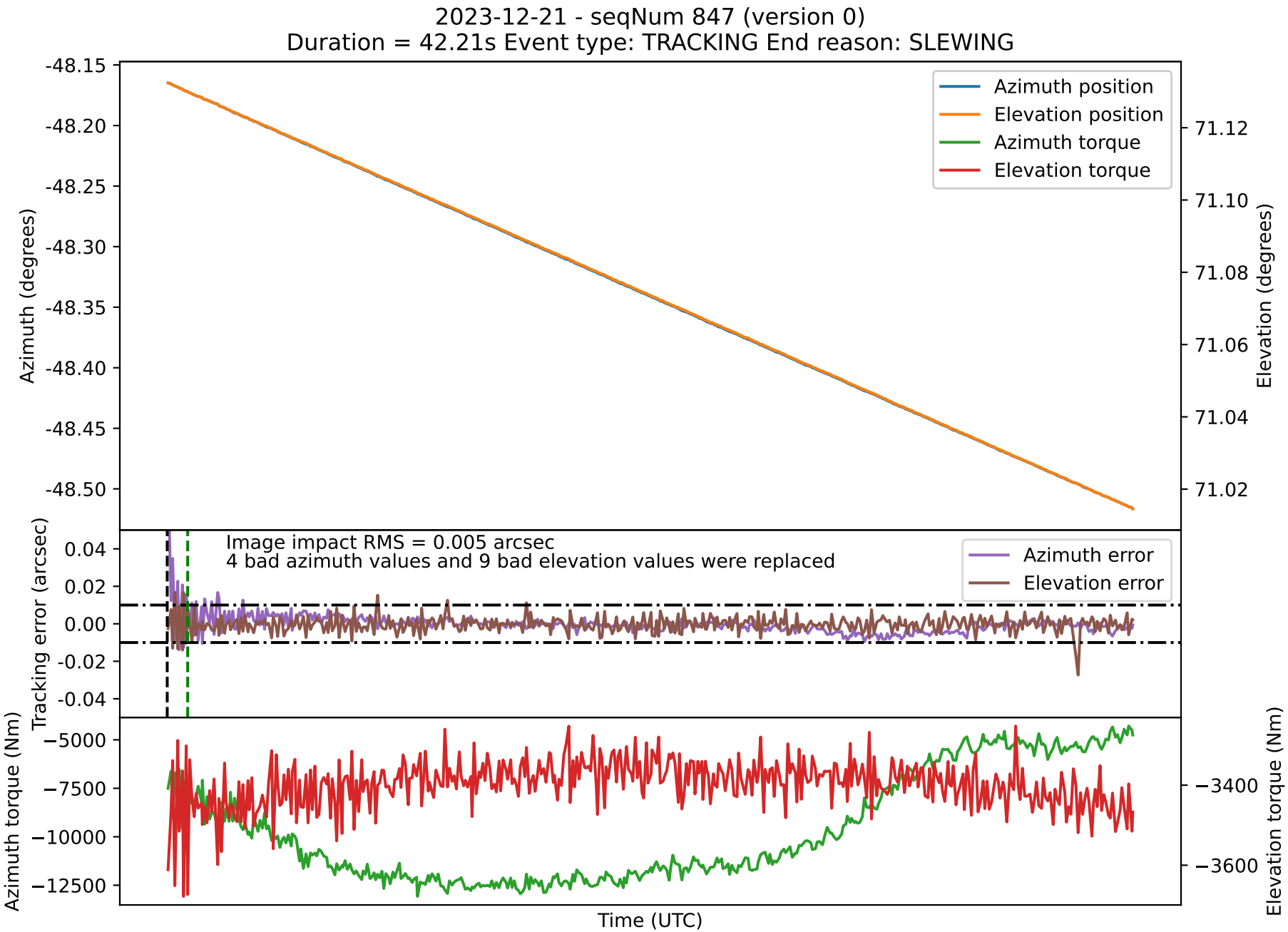

2023-12-21 - seqNum 837 (version 0)
Duration = 42.06s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-32.00
-32.10
-32.20
-32.30
-32.40
-32.50
-32.60
-32.70
78.92
78.90
78.88
78.86
78.84
Image impact RMS = 0.006 arcsec
6 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−1000
−2000
−3000
Time (UTC)

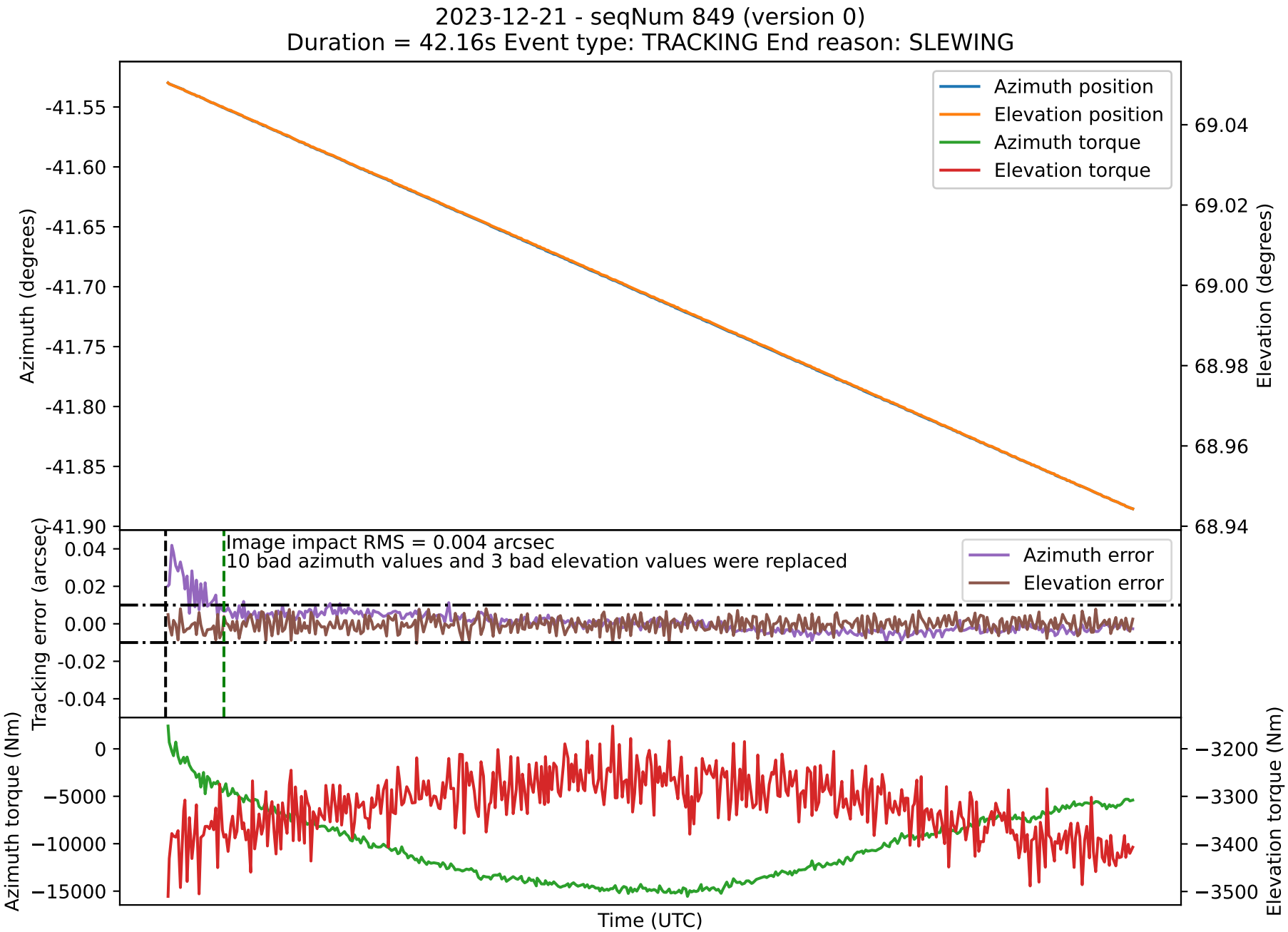

2023-12-21 - seqNum 839 (version 0)
Duration = 42.01s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-27.40
-27.60
-27.80
-28.00
-28.20
81.82
81.81
81.80
81.79
81.78
81.77
81.76
81.75
81.74
Image impact RMS = 0.005 arcsec
15 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
−3000
Time (UTC)

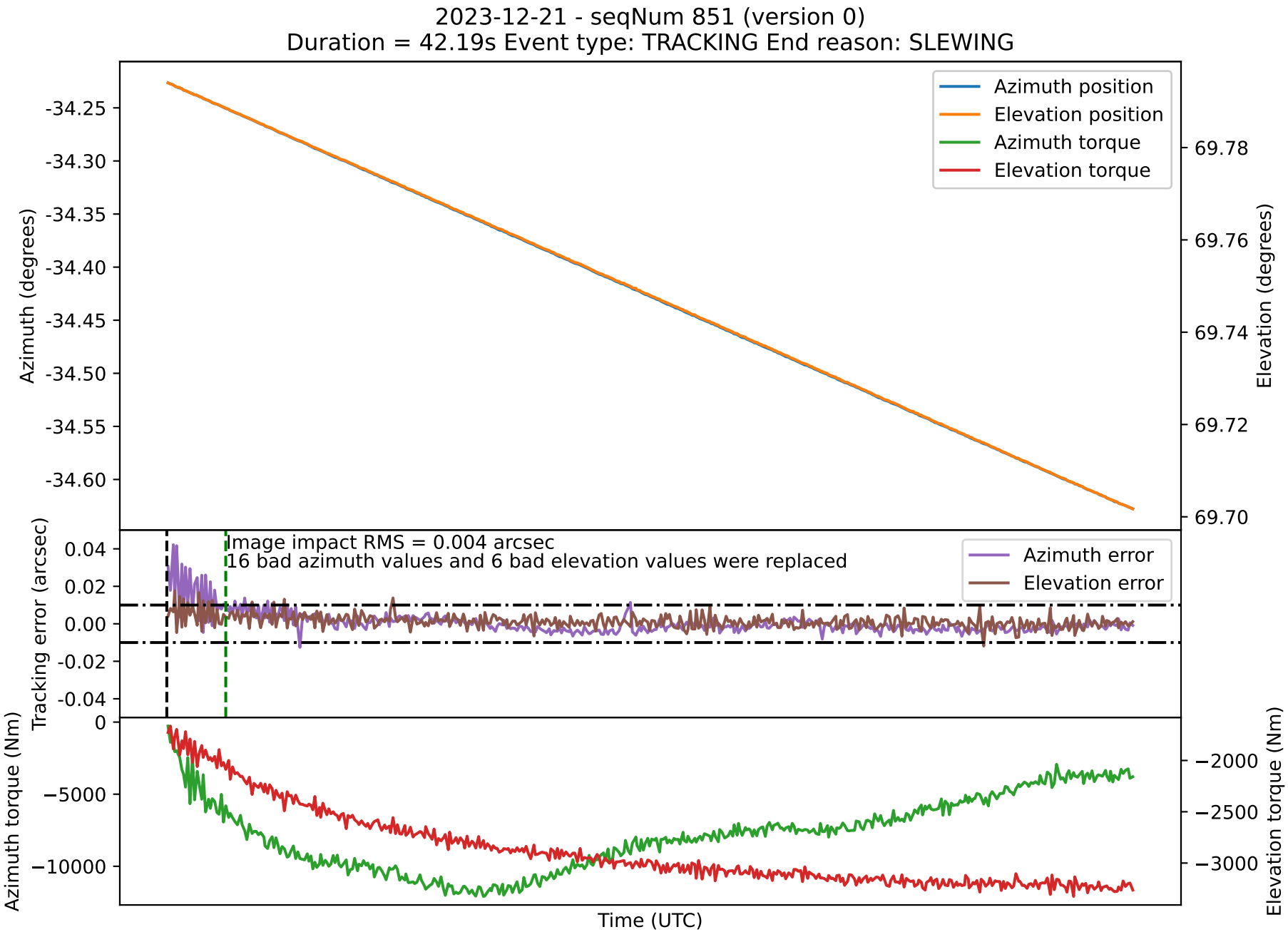

2023-12-21 - seqNum 841 (version 0)
Duration = 42.29s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-46.70
-46.80
-46.90
-47.00
-47.10
-47.20
77.76
77.74
77.72
77.70
77.68
77.66
Image impact RMS = 0.004 arcsec
7 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3400
−3600
Time (UTC)

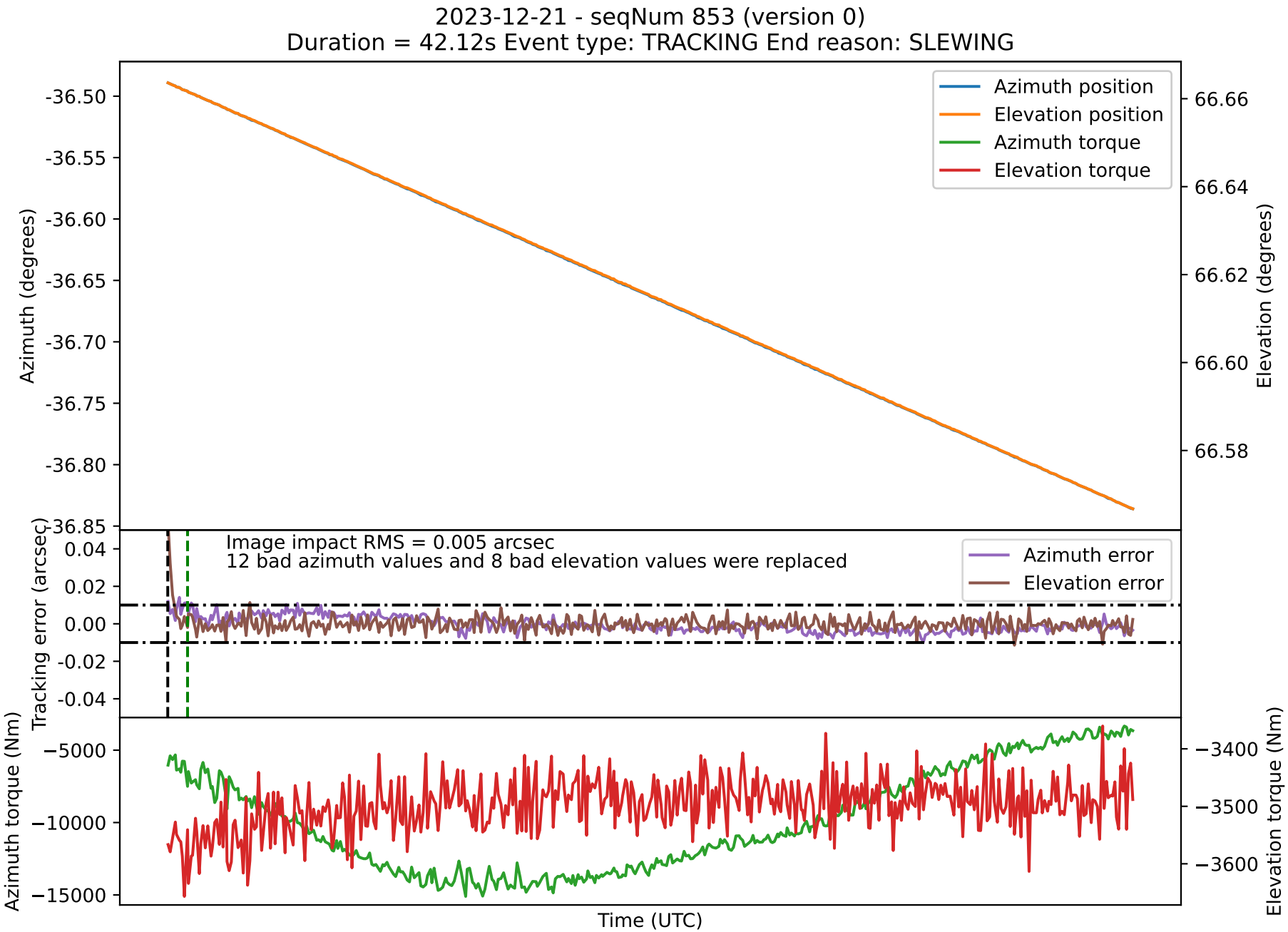

2023-12-21 - seqNum 843 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-47.30
-47.40
-47.50
-47.60
-47.70
74.52
74.50
74.48
74.46
74.44
74.42
74.40
Image impact RMS = 0.004 arcsec
12 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−3800
−4000
Time (UTC)

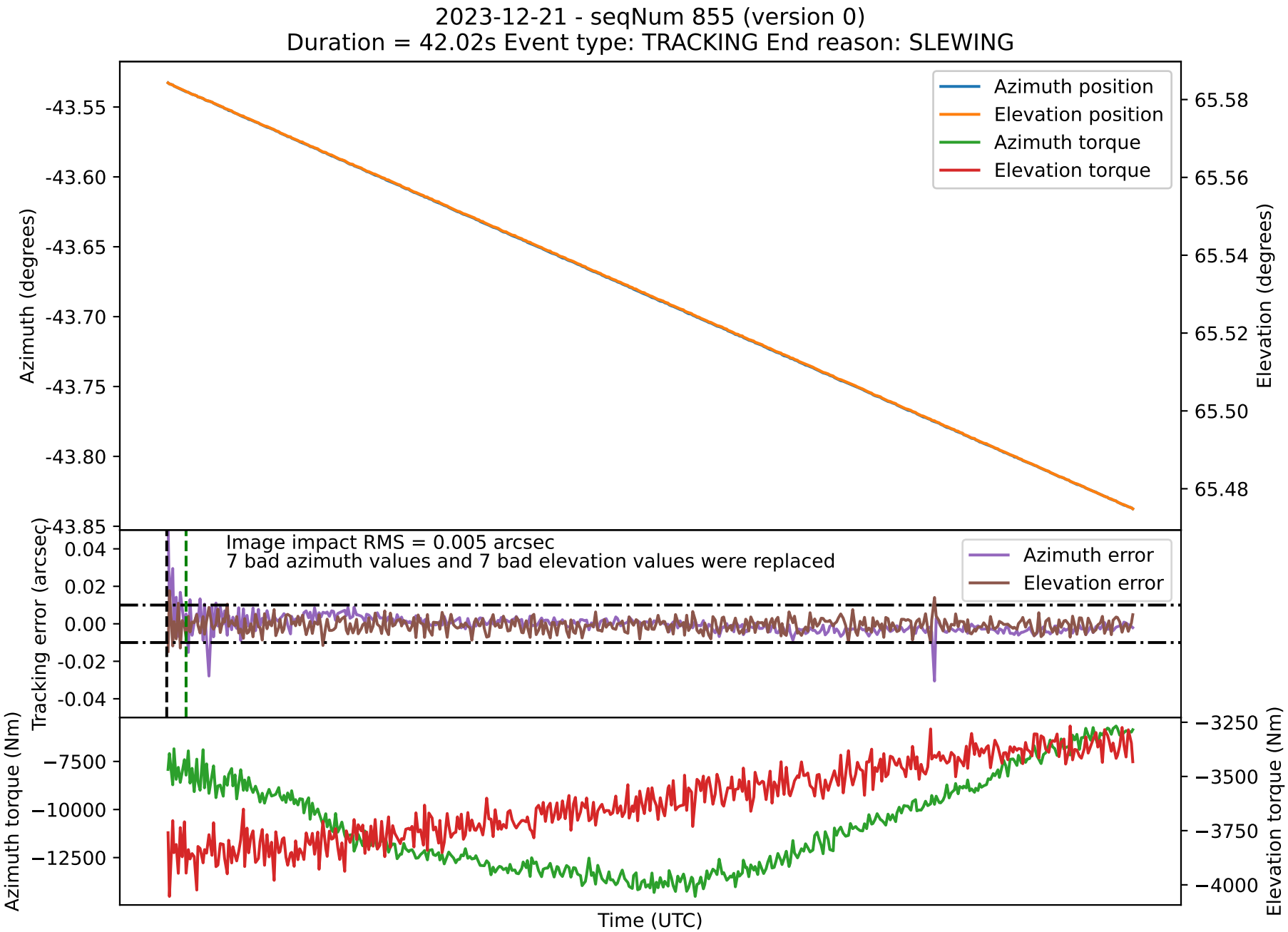

2023-12-21 - seqNum 845 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-39.50
-39.60
-39.70
-39.80
72.38
72.36
72.34
72.32
72.30
72.28
Image impact RMS = 0.021 arcsec
8 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3600
−3800
Time (UTC)

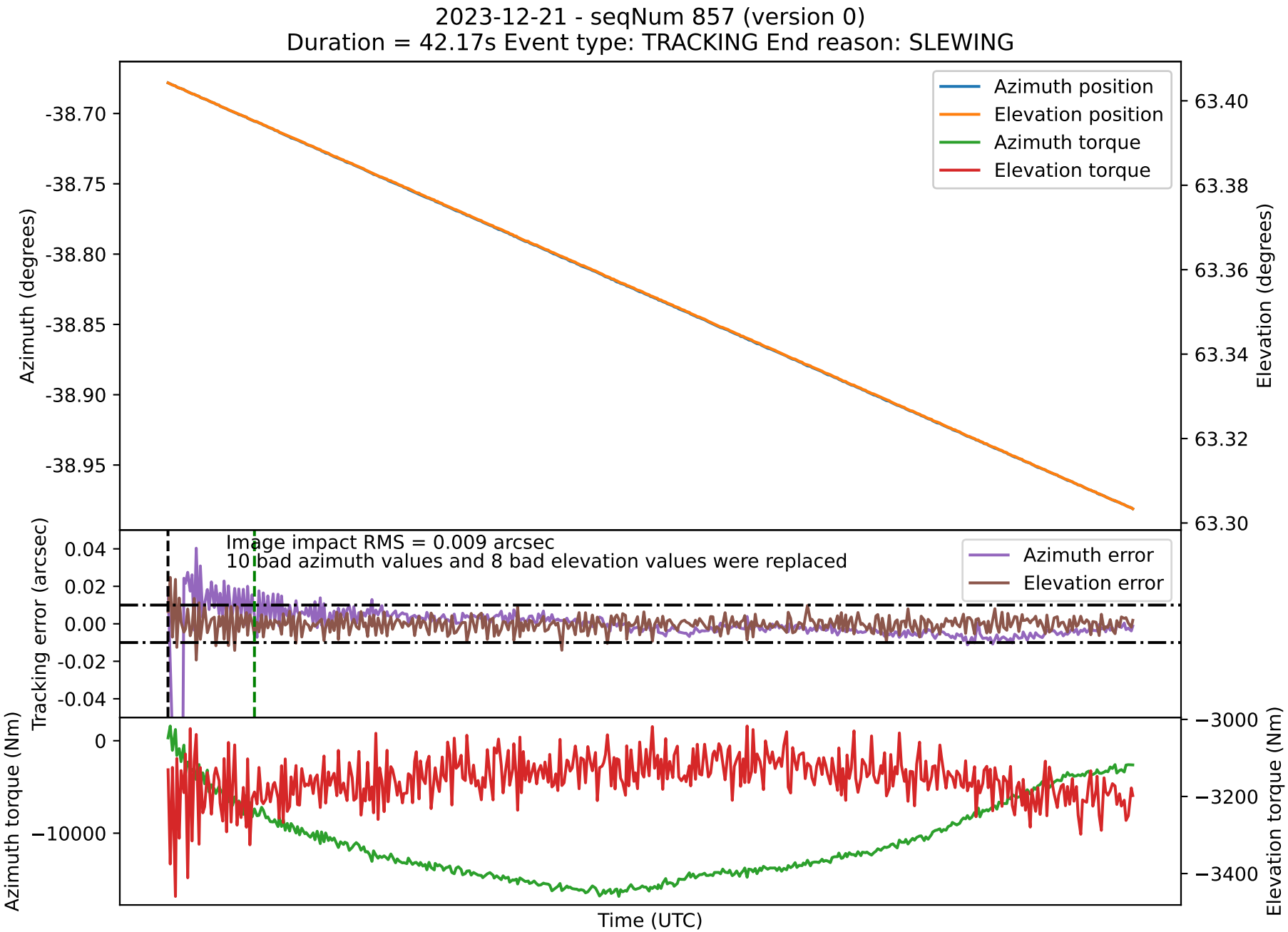

2023-12-21 - seqNum 847 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-48.15
-48.20
-48.25
-48.30
-48.35
-48.40
-48.45
-48.50
71.12
71.10
71.08
71.06
71.04
71.02
Image impact RMS = 0.005 arcsec
4 bad azimuth values and 9 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−7500
−10000
−12500
−3400
−3600
Time (UTC)

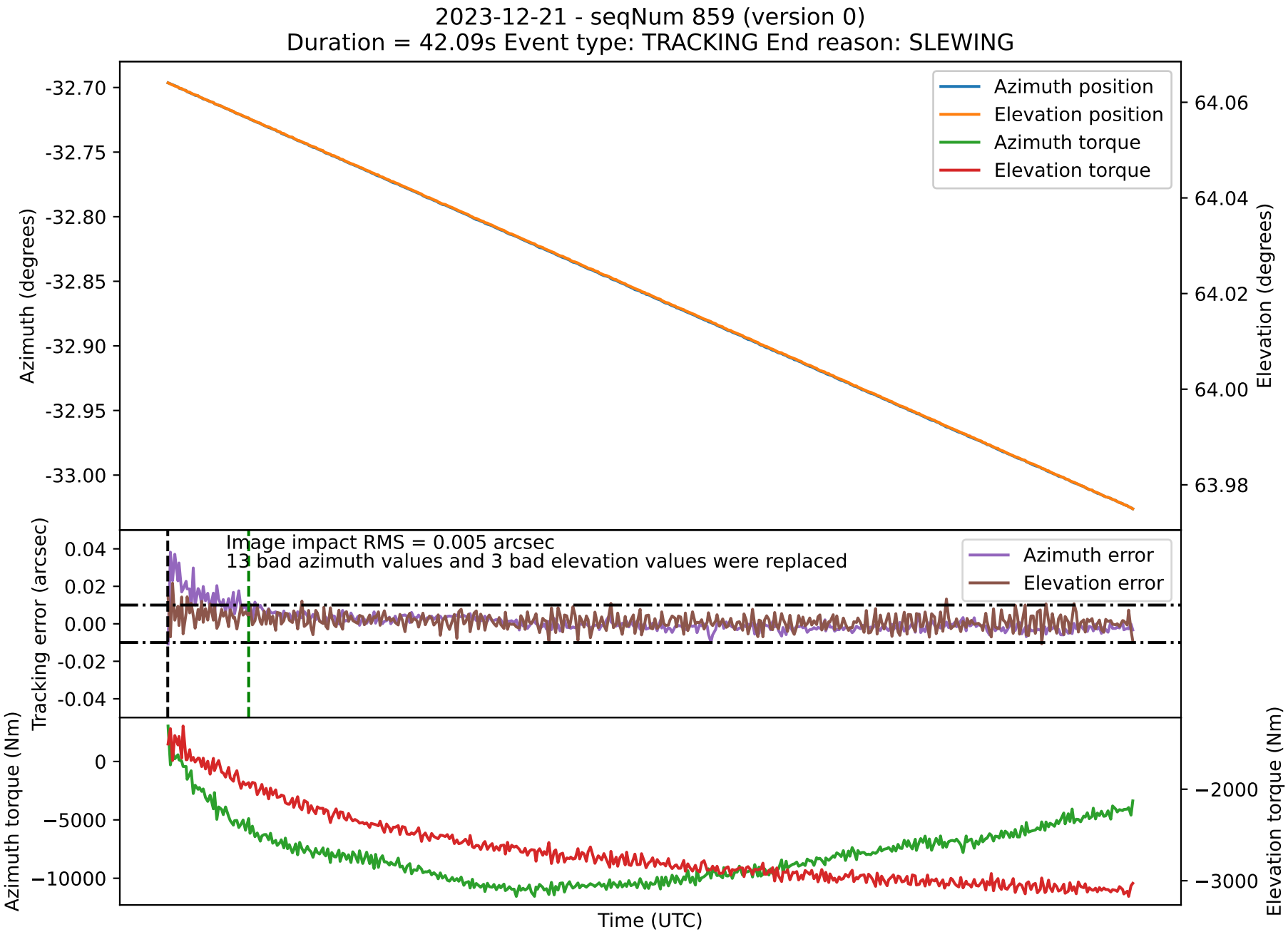

2023-12-21 - seqNum 849 (version 0)
Duration = 42.16s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-41.55
-41.60
-41.65
-41.70
-41.75
-41.80
-41.85
-41.90
69.04
69.02
69.00
68.98
68.96
68.94
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3200
−3300
−3400
−3500
Time (UTC)

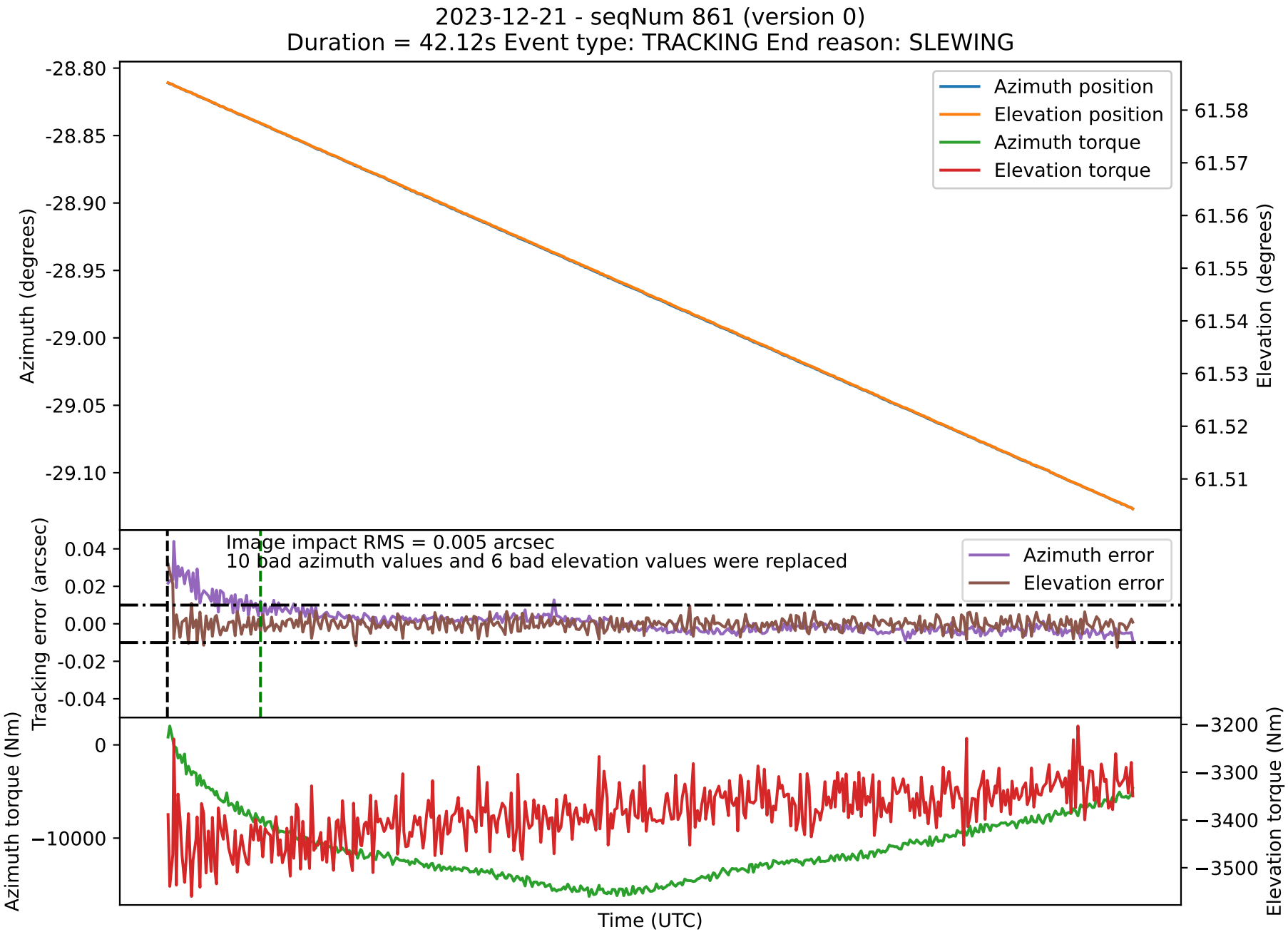

2023-12-21 - seqNum 851 (version 0)
Duration = 42.19s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-34.25
-34.30
-34.35
-34.40
-34.45
-34.50
-34.55
-34.60
69.78
69.76
69.74
69.72
69.70
Image impact RMS = 0.004 arcsec
16 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−2000
−2500
−3000
Time (UTC)

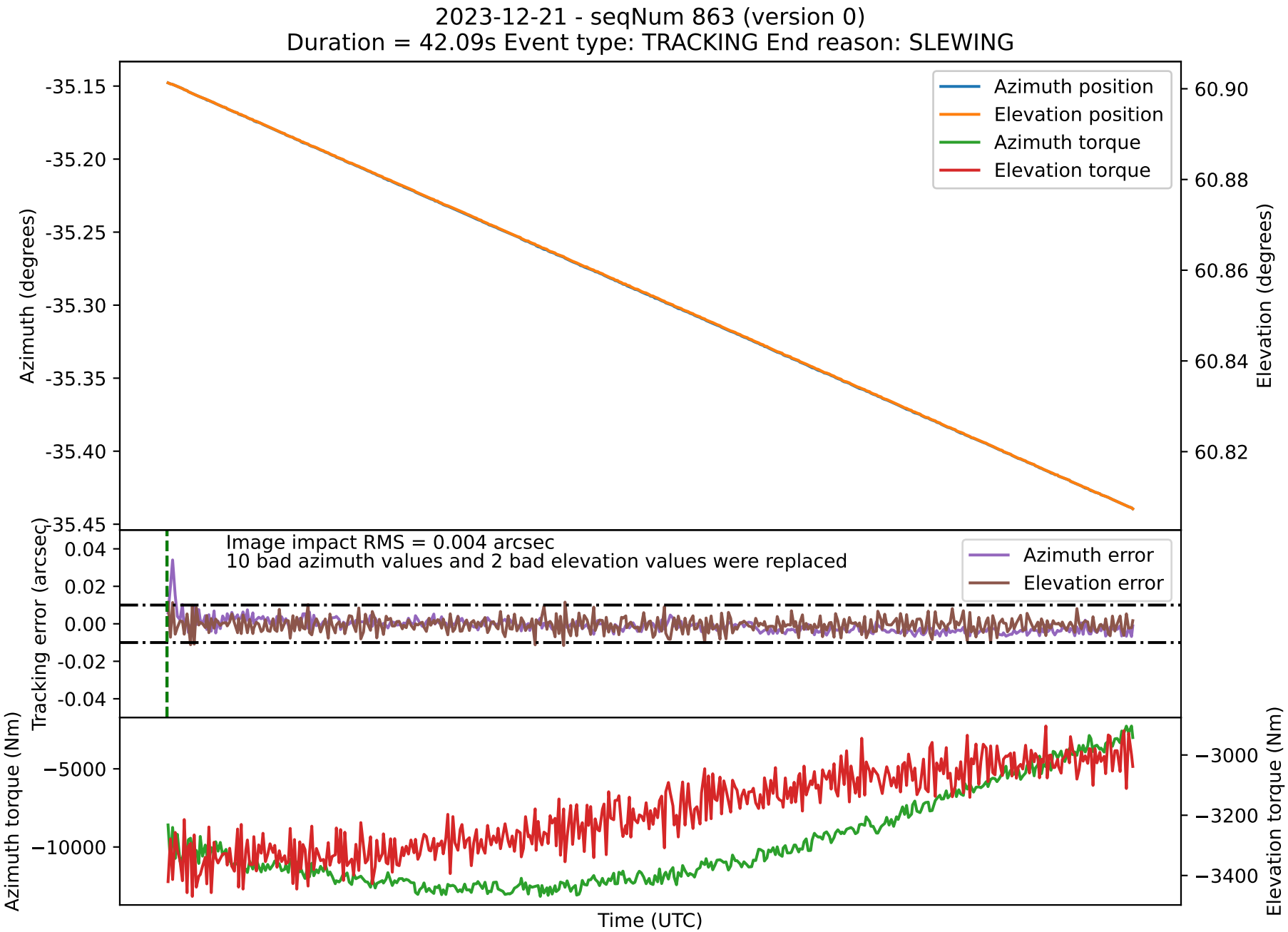

2023-12-21 - seqNum 853 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-36.50
-36.55
-36.60
-36.65
-36.70
-36.75
-36.80
-36.85
66.66
66.64
66.62
66.60
66.58
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−15000
−3400
−3500
−3600
Time (UTC)

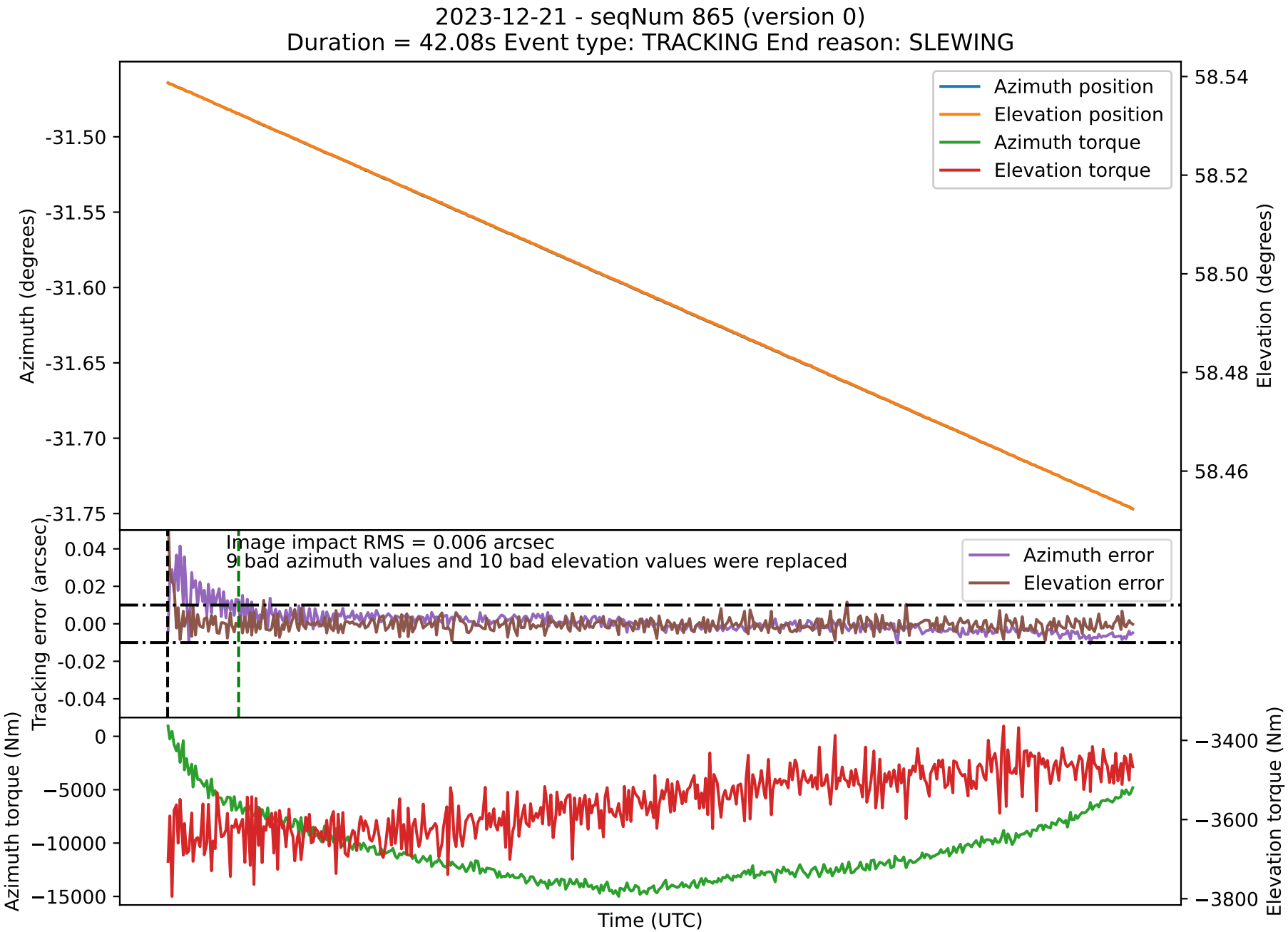

2023-12-21 - seqNum 855 (version 0)
Duration = 42.02s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-43.55
-43.60
-43.65
-43.70
-43.75
-43.80
-43.85
65.58
65.56
65.54
65.52
65.50
65.48
Image impact RMS = 0.005 arcsec
7 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−3250
−3500
−3750
−4000
Time (UTC)

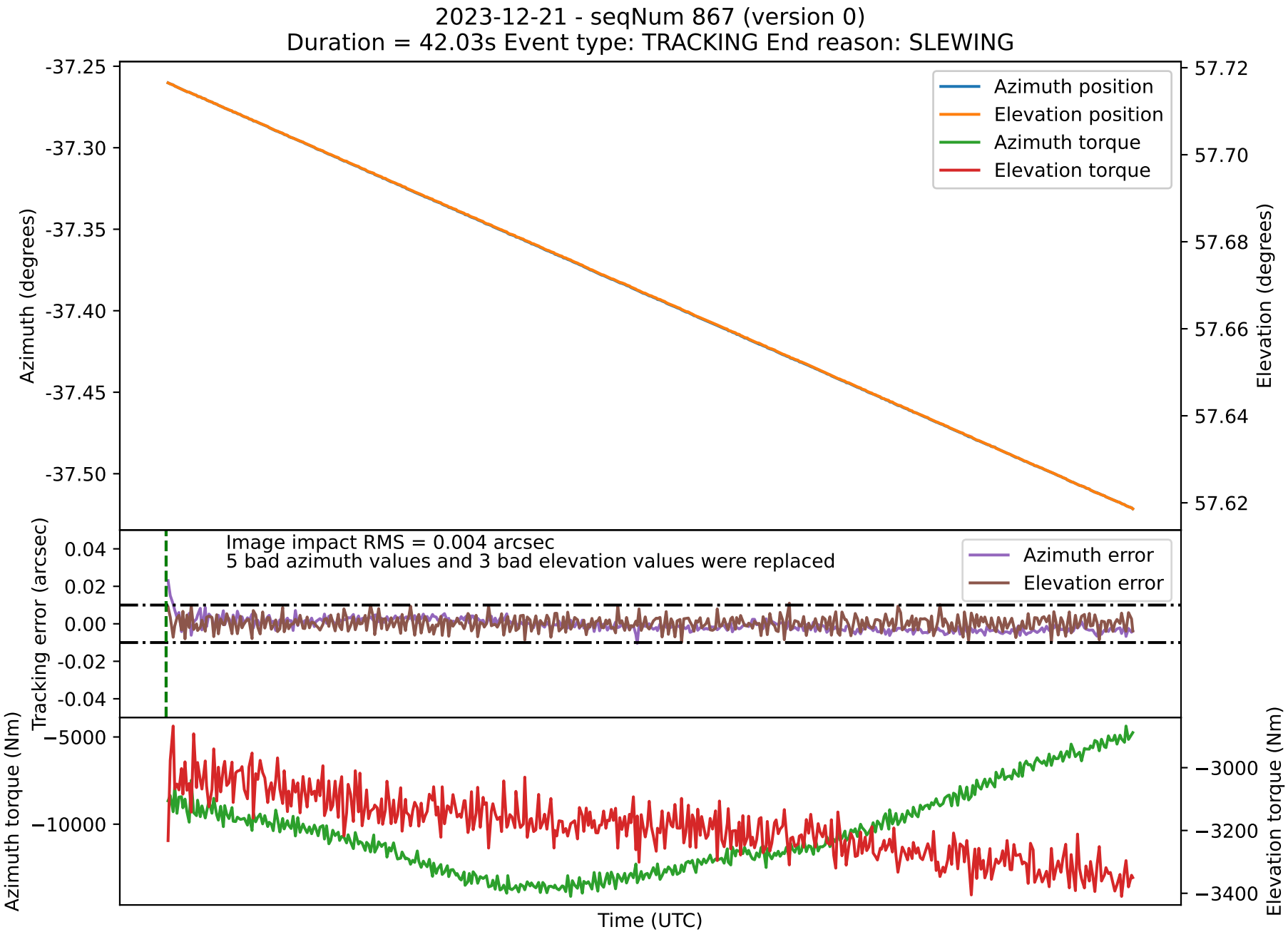

2023-12-21 - seqNum 857 (version 0)
Duration = 42.17s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-38.70
-38.75
-38.80
-38.85
-38.90
-38.95
63.40
63.38
63.36
63.34
63.32
63.30
Image impact RMS = 0.009 arcsec
10 bad azimuth values and 8 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−3000
−3200
−3400
Time (UTC)

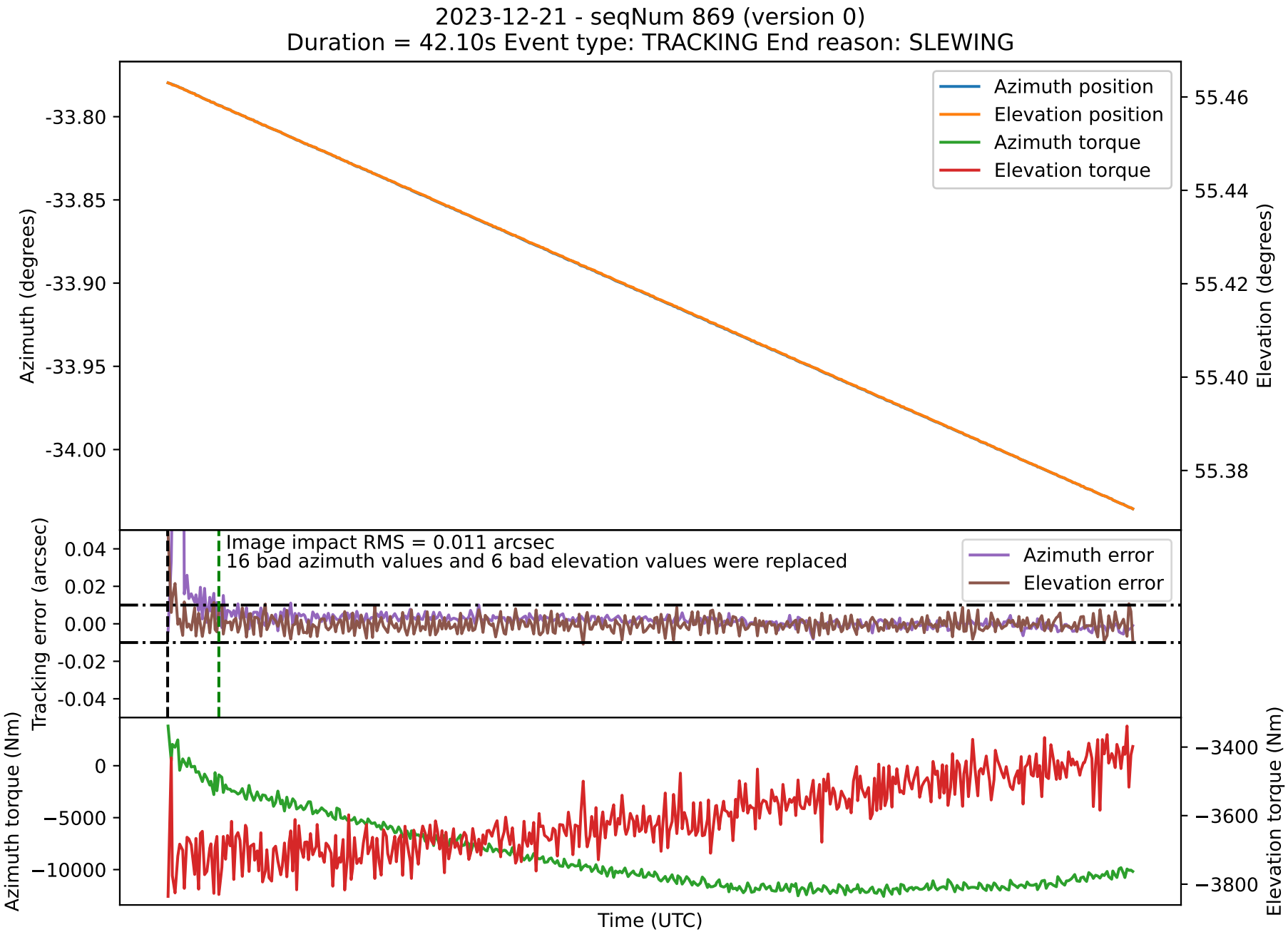

2023-12-21 - seqNum 859 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-32.70
-32.75
-32.80
-32.85
-32.90
-32.95
-33.00
64.06
64.04
64.02
64.00
63.98
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−2000
−3000
Time (UTC)

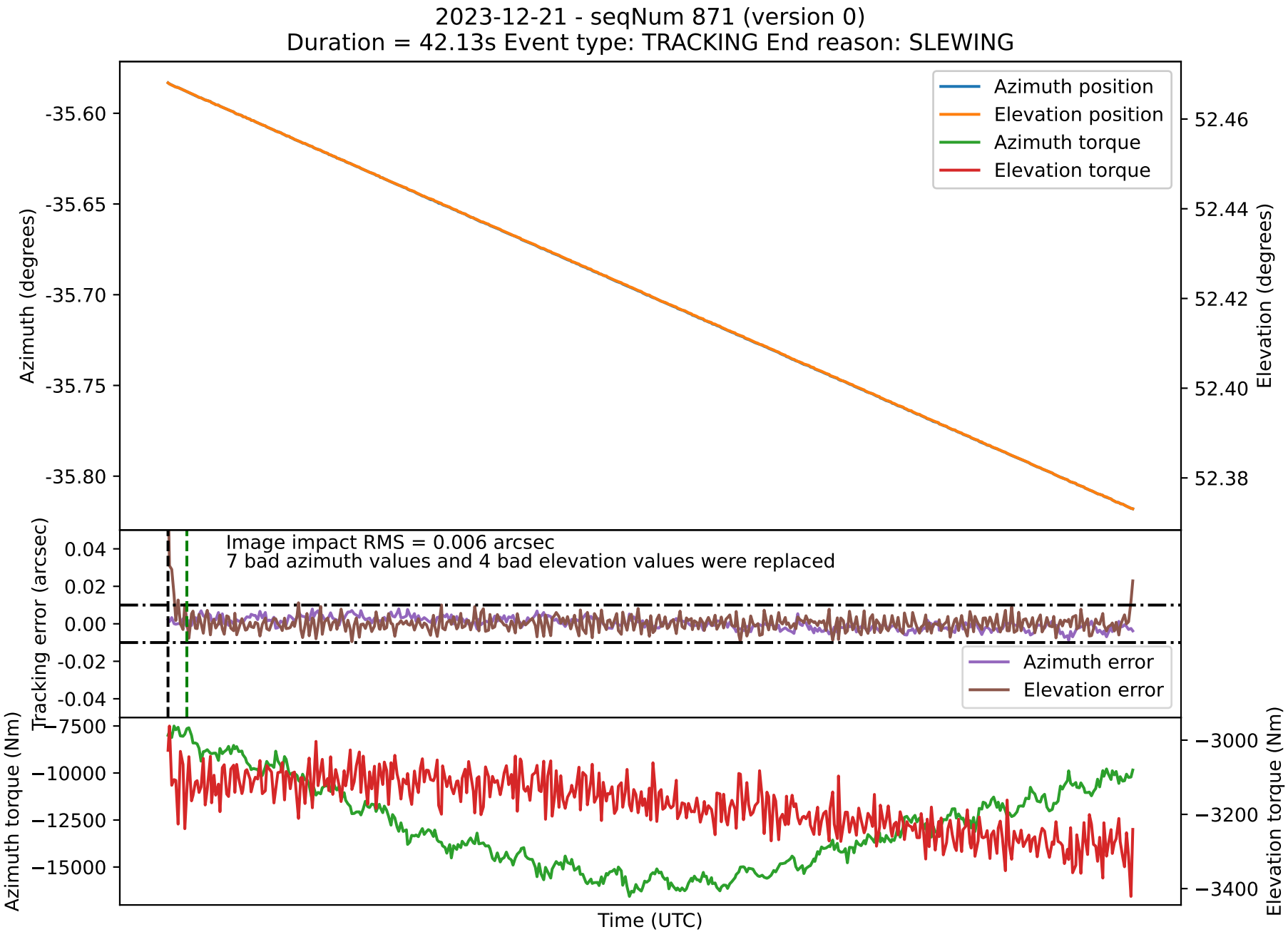

2023-12-21 - seqNum 861 (version 0)
Duration = 42.12s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-28.80
-28.85
-28.90
-28.95
-29.00
-29.05
-29.10
61.58
61.57
61.56
61.55
61.54
61.53
61.52
61.51
Image impact RMS = 0.005 arcsec
10 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−3200
−3300
−3400
−3500
Time (UTC)

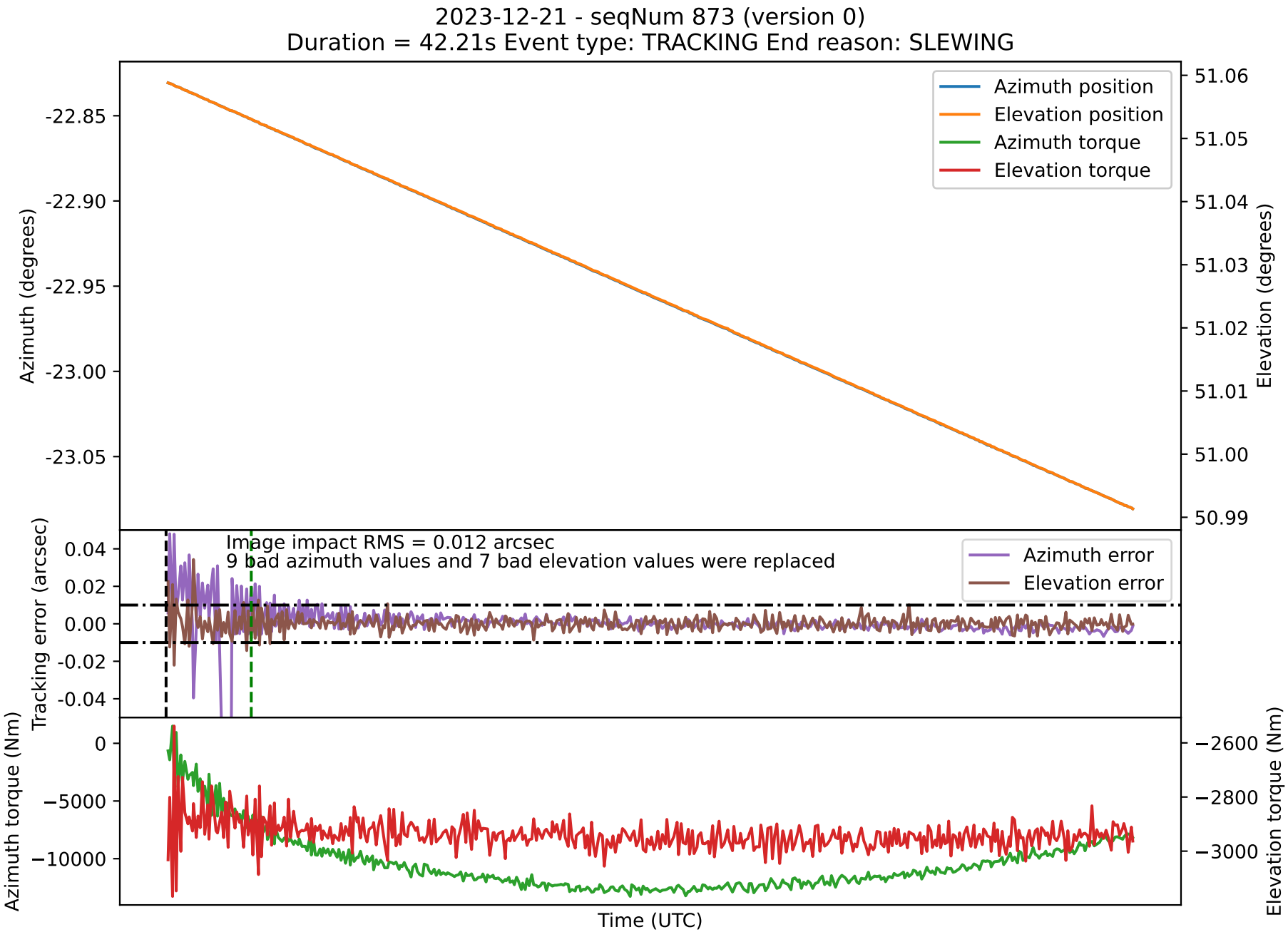

2023-12-21 - seqNum 863 (version 0)
Duration = 42.09s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-35.15
-35.20
-35.25
-35.30
-35.35
-35.40
-35.45
60.90
60.88
60.86
60.84
60.82
Image impact RMS = 0.004 arcsec
10 bad azimuth values and 2 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3000
−3200
−3400
Time (UTC)

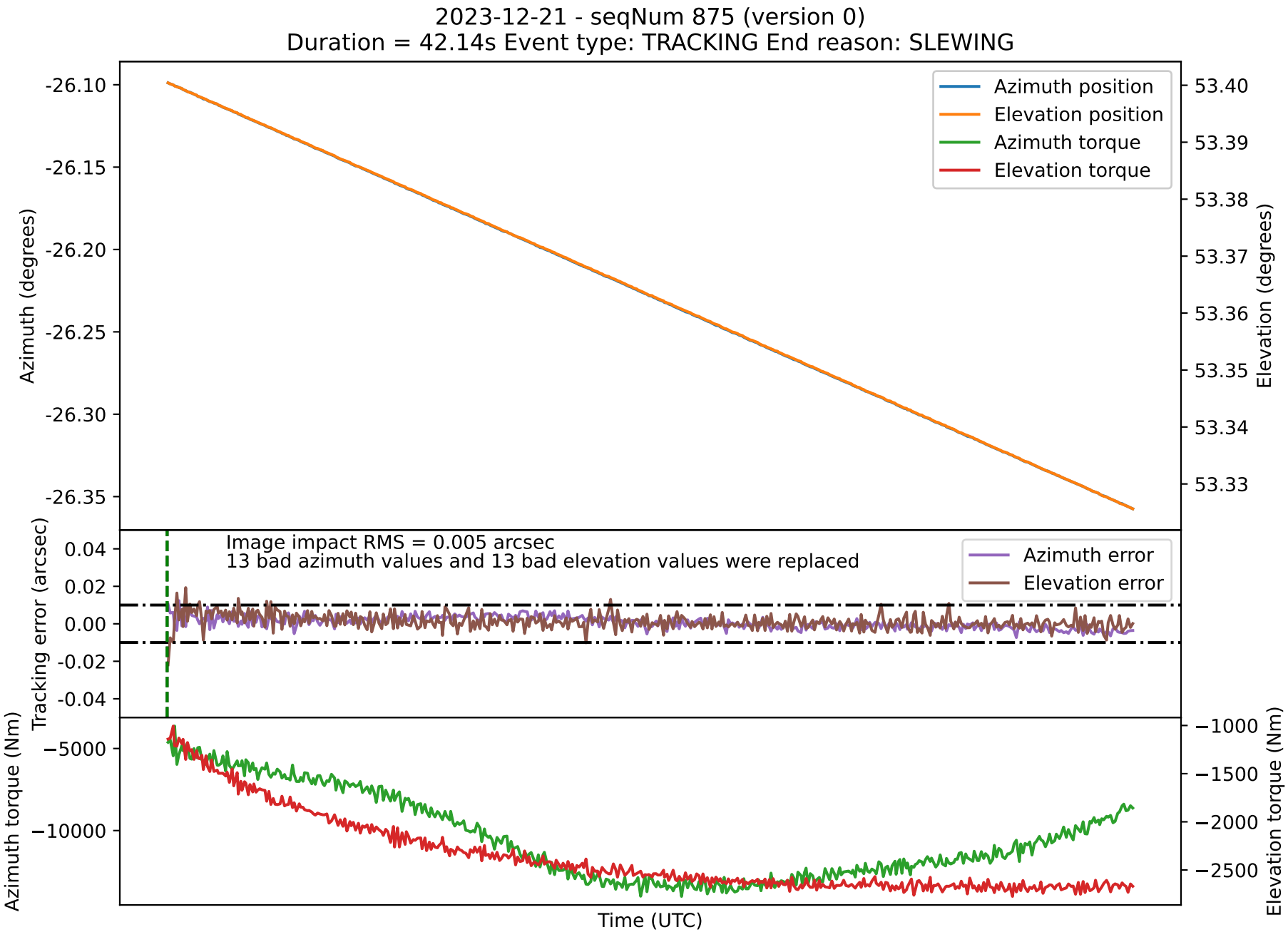

2023-12-21 - seqNum 865 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-31.50
-31.55
-31.60
-31.65
-31.70
-31.75
58.54
58.52
58.50
58.48
58.46
Image impact RMS = 0.006 arcsec
9 bad azimuth values and 10 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−3400
−3600
−3800
Time (UTC)

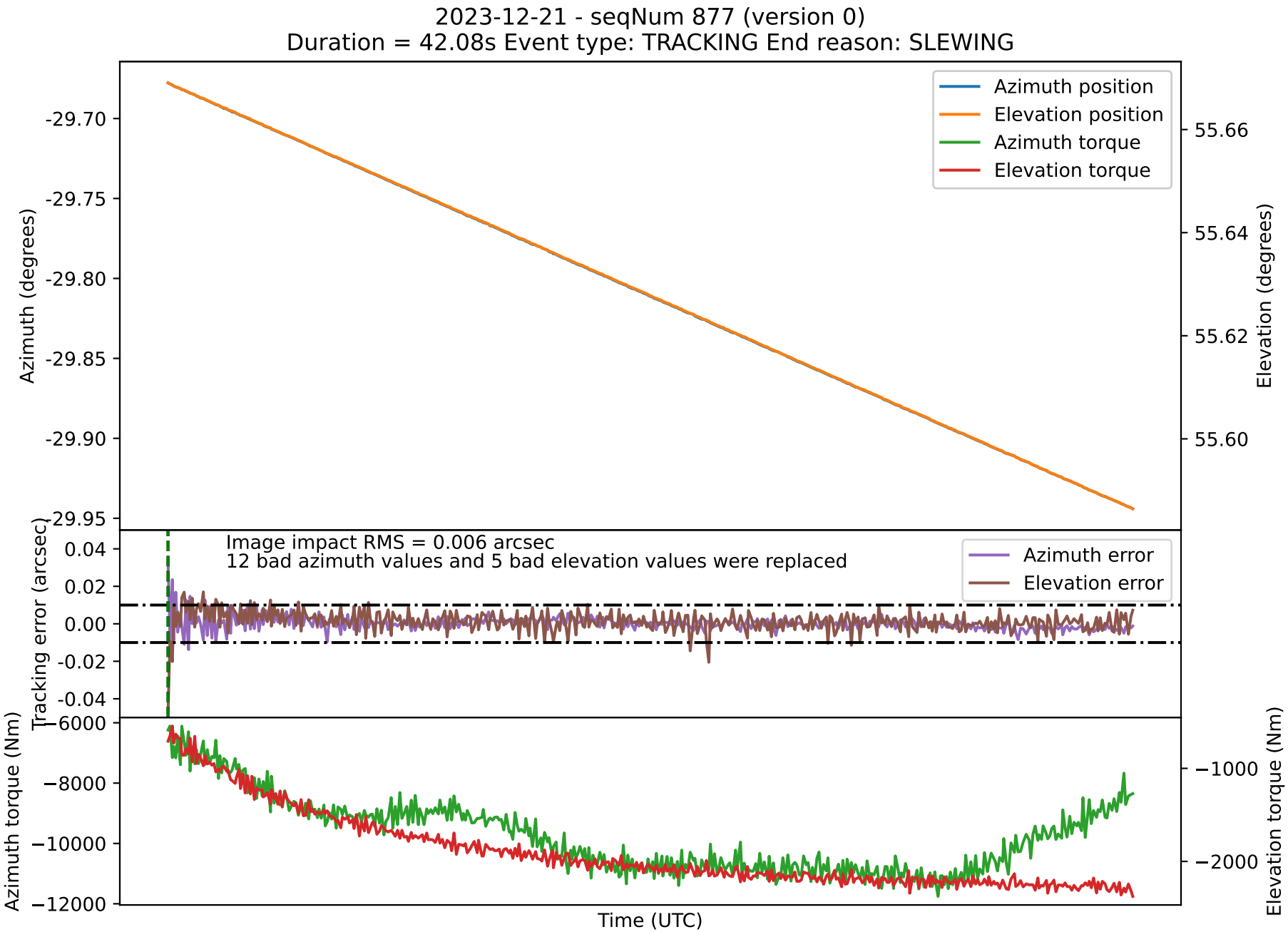

2023-12-21 - seqNum 867 (version 0)
Duration = 42.03s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-37.25
-37.30
-37.35
-37.40
-37.45
-37.50
57.72
57.70
57.68
57.66
57.64
57.62
Image impact RMS = 0.004 arcsec
5 bad azimuth values and 3 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−3000
−3200
−3400
Time (UTC)

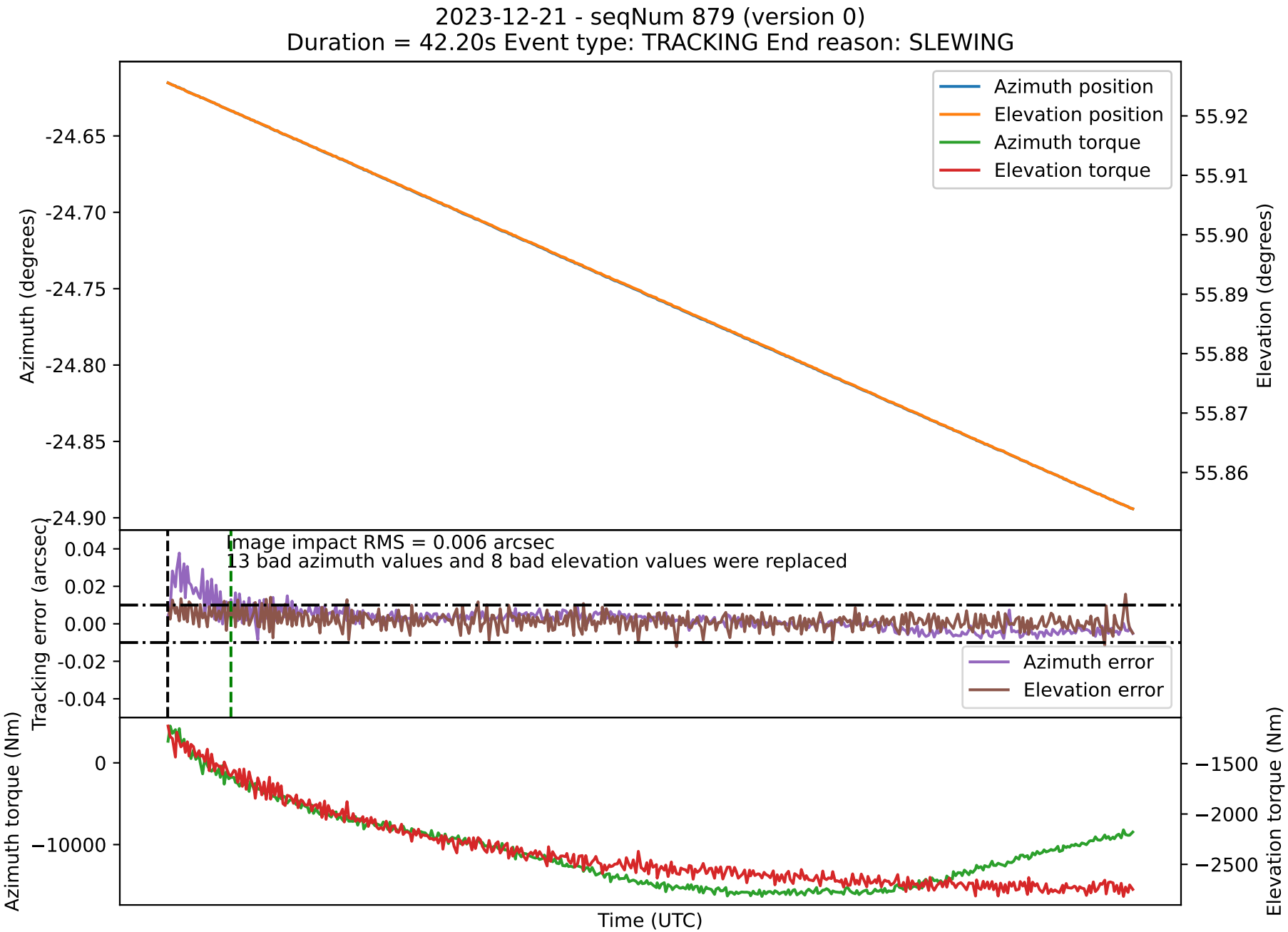

2023-12-21 - seqNum 869 (version 0)
Duration = 42.10s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-33.80
-33.85
-33.90
-33.95
-34.00
55.46
55.44
55.42
55.40
55.38
Image impact RMS = 0.011 arcsec
16 bad azimuth values and 6 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−3400
−3600
−3800
Time (UTC)

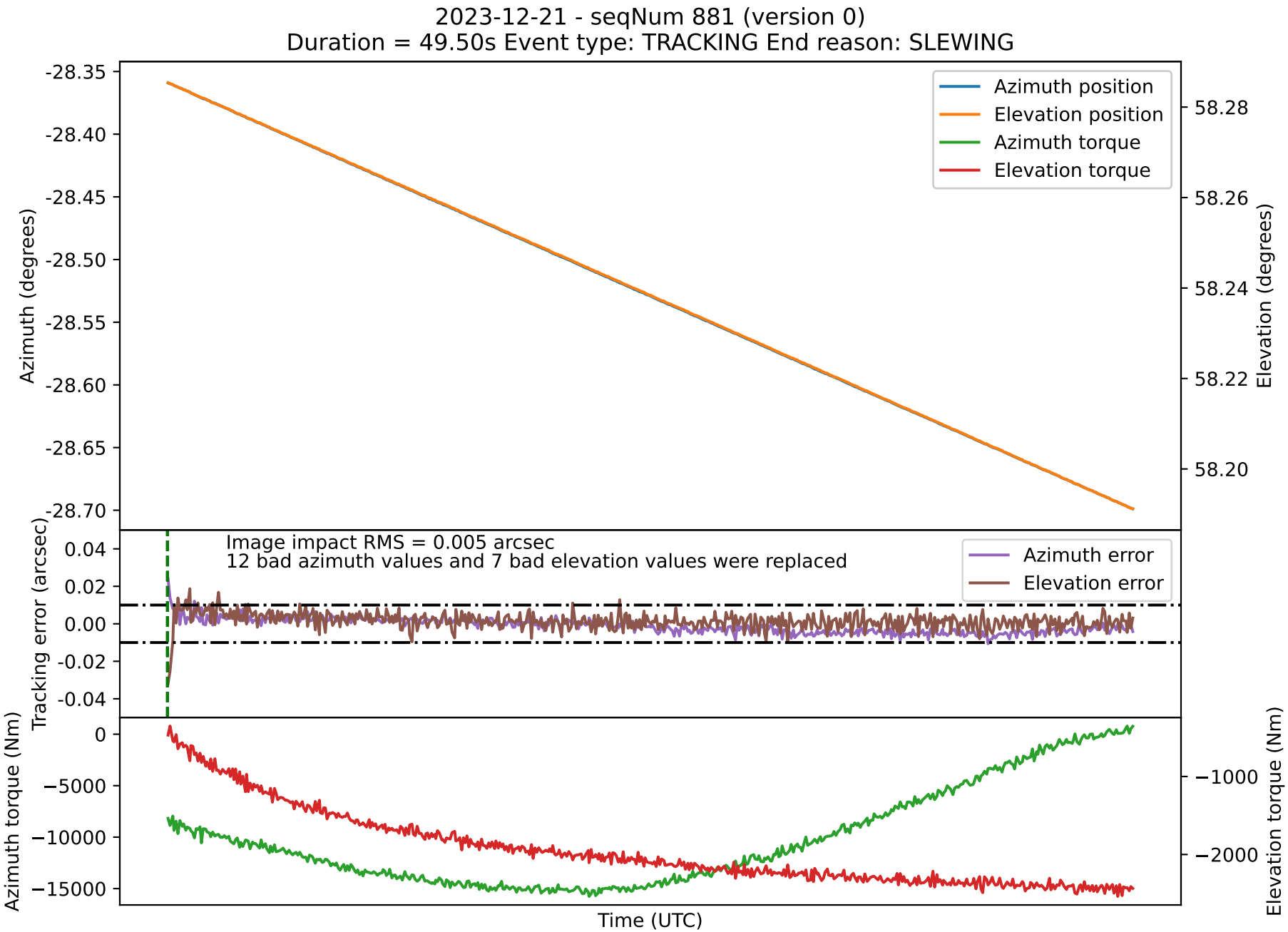

2023-12-21 - seqNum 871 (version 0)
Duration = 42.13s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-35.60
-35.65
-35.70
-35.75
-35.80
52.46
52.44
52.42
52.40
52.38
Image impact RMS = 0.006 arcsec
7 bad azimuth values and 4 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−7500
−10000
−12500
−15000
−3000
−3200
−3400
Time (UTC)

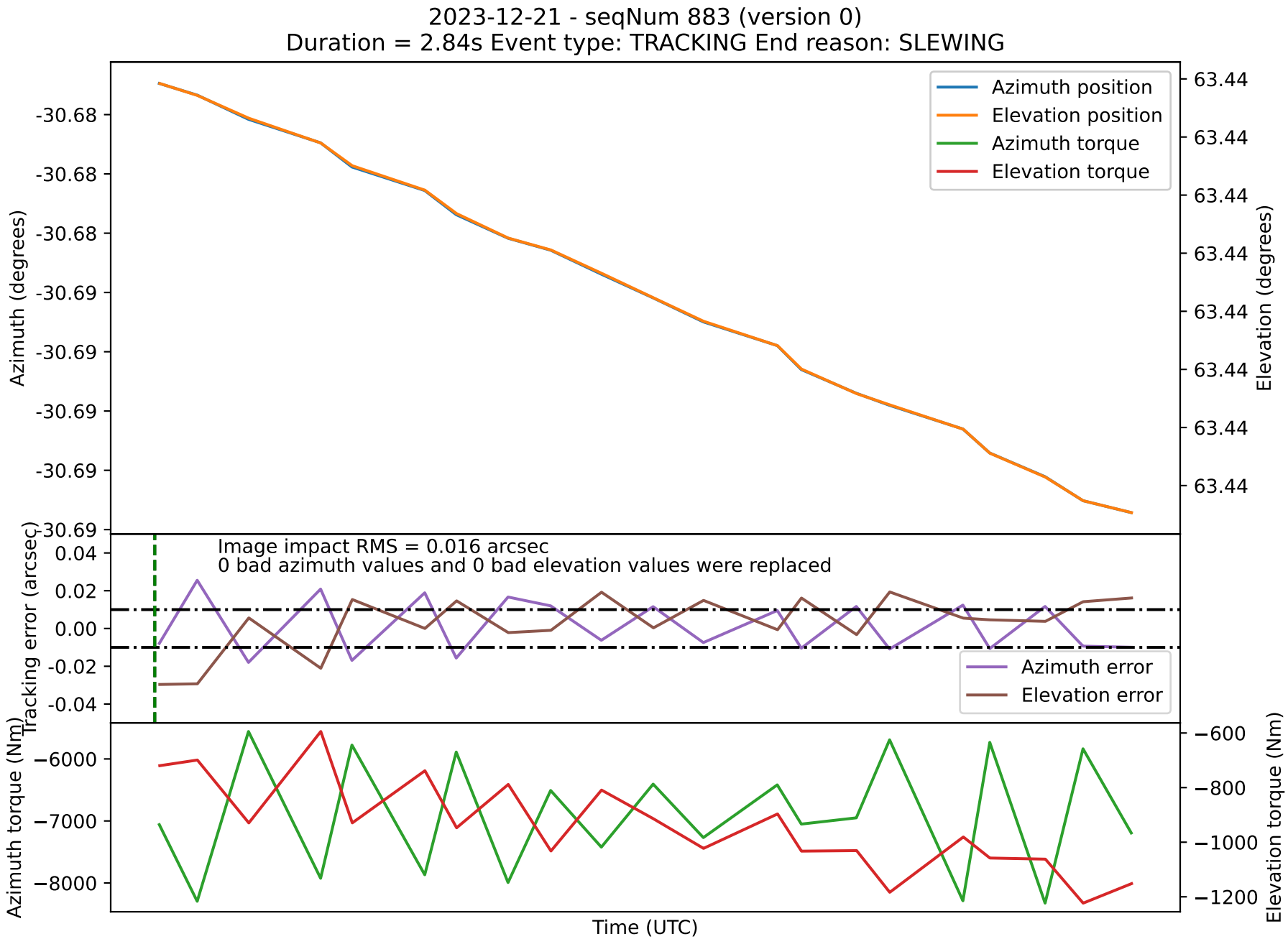

2023-12-21 - seqNum 873 (version 0)
Duration = 42.21s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-22.85
-22.90
-22.95
-23.00
-23.05
51.06
51.05
51.04
51.03
51.02
51.01
51.00
50.99
Image impact RMS = 0.012 arcsec
9 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−2600
−2800
−3000
Time (UTC)


2023-12-21 - seqNum 875 (version 0)
Duration = 42.14s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-26.10
-26.15
-26.20
-26.25
-26.30
-26.35
53.40
53.39
53.38
53.37
53.36
53.35
53.34
53.33
Image impact RMS = 0.005 arcsec
13 bad azimuth values and 13 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−5000
−10000
−1000
−1500
−2000
−2500
Time (UTC)


2023-12-21 - seqNum 877 (version 0)
Duration = 42.08s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-29.70
-29.75
-29.80
-29.85
-29.90
-29.95
55.66
55.64
55.62
55.60
Image impact RMS = 0.006 arcsec
12 bad azimuth values and 5 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−8000
−10000
−12000
−1000
−2000
Time (UTC)


2023-12-21 - seqNum 879 (version 0)
Duration = 42.20s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-24.65
-24.70
-24.75
-24.80
-24.85
-24.90
55.92
55.91
55.90
55.89
55.88
55.87
55.86
Image impact RMS = 0.006 arcsec
13 bad azimuth values and 8 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
0
−10000
−1500
−2000
−2500
Time (UTC)


2023-12-21 - seqNum 881 (version 0)
Duration = 49.50s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-28.35
-28.40
-28.45
-28.50
-28.55
-28.60
-28.65
-28.70
58.28
58.26
58.24
58.22
58.20
Image impact RMS = 0.005 arcsec
12 bad azimuth values and 7 bad elevation values were replaced
Azimuth error
Elevation error
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth torque (Nm)
Elevation torque (Nm)
0
−5000
−10000
−15000
−1000
−2000
Time (UTC)


2023-12-21 - seqNum 883 (version 0)
Duration = 2.84s Event type: TRACKING End reason: SLEWING
Azimuth position
Elevation position
Azimuth torque
Elevation torque
Azimuth (degrees)
Elevation (degrees)
-30.68
-30.68
-30.68
-30.69
-30.69
-30.69
-30.69
-30.69
63.44
63.44
63.44
63.44
63.44
63.44
63.44
63.44
Image impact RMS = 0.016 arcsec
0 bad azimuth values and 0 bad elevation values were replaced
Tracking error (arcsec)
0.04
0.02
0.00
-0.02
-0.04
Azimuth error
Elevation error
Azimuth torque (Nm)
Elevation torque (Nm)
−6000
−7000
−8000
−600
−800
−1000
−1200
Time (UTC)