Manoeuvre rate of Sentinel-3A type mission with new SSN for the epoch 2022 90 100 110 120 130 140 150 160 170 180 0.0 0.0 0.0 0.1 3.7 6.4 1.4 0.7 0.4 6.6 3.4 0.1 0.3 1.7 1.7 9.7 16.0 17.8 8.5 3.5 1.7 1.1 - 16 0.2 4.5 8.5 3.8 0.1 1.5 15.6 17.2 8.1 1.6 1.1 0.0 0.2 1.5 5.0 8.9 16.1 17.2 7.7 3.7 1.8 1.2 14 0.0 0.2 1.3 4.7 8.2 14.5 16.2 3.6 1.2 7.6 1.7 0.0 0.3 1.2 5.7 8.7 15.2 15.8 7.9 3.6 1.7 1.2 0.3 1.2 5.0 0.0 8.4 14.6 16.5 8.4 3.4 1.7 1.1 7.8 0.0 0.2 1.0 4.3 14.3 16.2 8.5 3.5 1.6 1.1 Manoeuvre rate at ACPL Inclination [°] 10 0.2 0.9 7.5 13.6 3.6 1.6 0.0 3.6 14.8 8.4 1.1 0.2 0.0 8.0 3.6 7.5 13.9 15.8 8.7 3.3 1.6 1.3 0.0 0.1 0.7 3.7 7.8 13.0 15.0 8.4 3.6 1.6 1.1 8 2 0.0 0.1 0.5 3.5 7.0 12.8 14.7 3.2 1.5 1.0 8.1 9 0.0 0.1 0.3 3.2 6.3 11.9 13.6 7.0 2.8 1.3 0.9 6 50 0.0 3.3 1.0 0.0 0.4 3.5 6.9 12.3 13.3 7.2 1.5 40 0.0 13.3 3.3 0.0 0.4 3.6 7.0 15.0 6.5 1.5 1.0 30 0.0 0.0 0.4 3.4 6.6 13.1 14.4 6.5 3.1 1.4 0.9

13.3

13.6

6.4

700

Altitude [km]

15.1

13.0

6.6

800

7.0

7.9

3.7

600

3.1

3.0

1.4

1000

7.0

7.2

3.4

900

0.9

0.9

0.4

1200

2

- 0

1.4

1.4

0.7

1100

20

10

0

0.0

0.0

0.0

200

0.0

0.0

0.0

300

0.4

0.0

0.0

400

3.4

0.1

0.1

500