

Mission report

Mission details:

Name of the mission: eccen

Type of the mission: EO

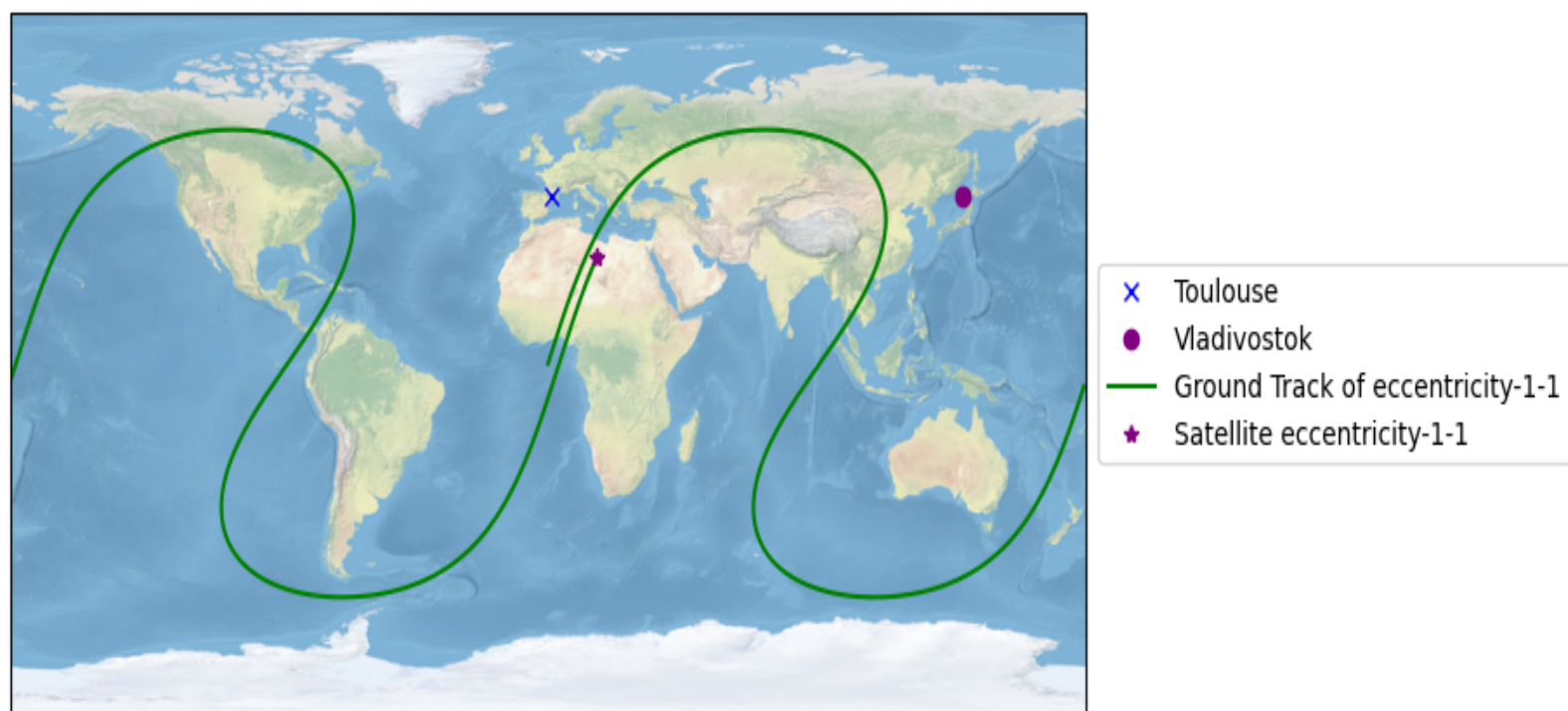
Duration of the mission: 1 days

Sun zenith angle of the mission: 20.0°

Ground station used during the mission: - Vladivostok

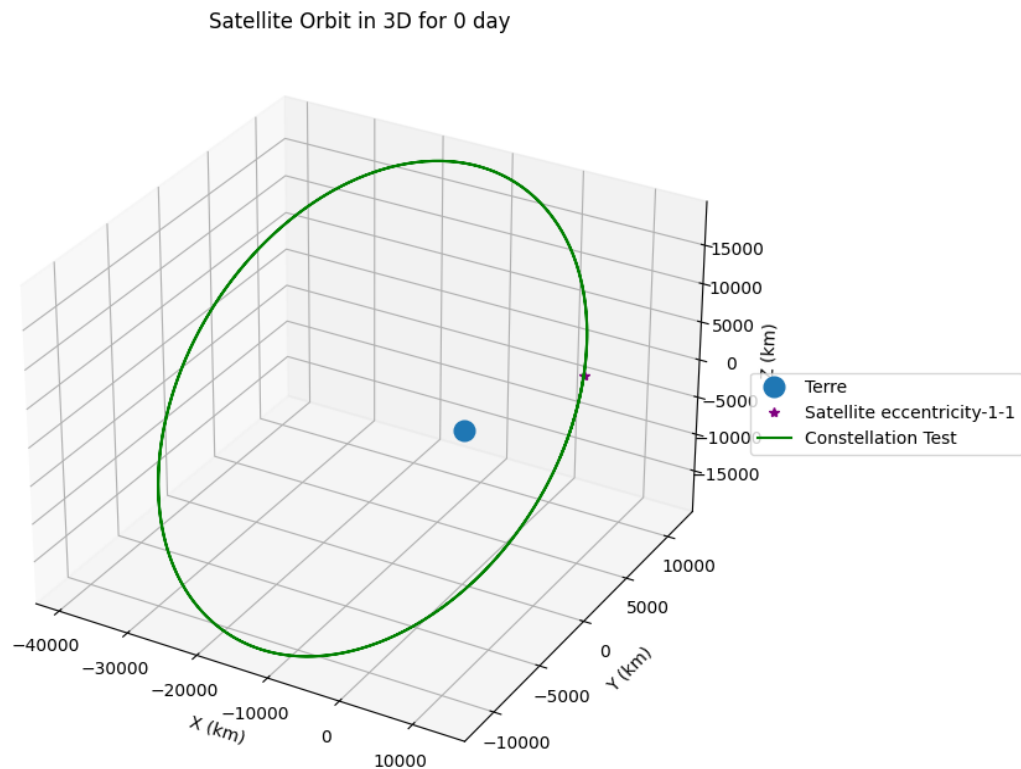
Point of interest of the mission: - Toulouse

Satellite Ground Track



Mission's constellation name: Test

Constellation details:



Name of the constellation: Test

Number of satellites present in the constellation: 1

Number of orbital planes: 1

Phasing factor between each plane: 1

Name of the satellite model: eccentricity

Type of orbit: MEO

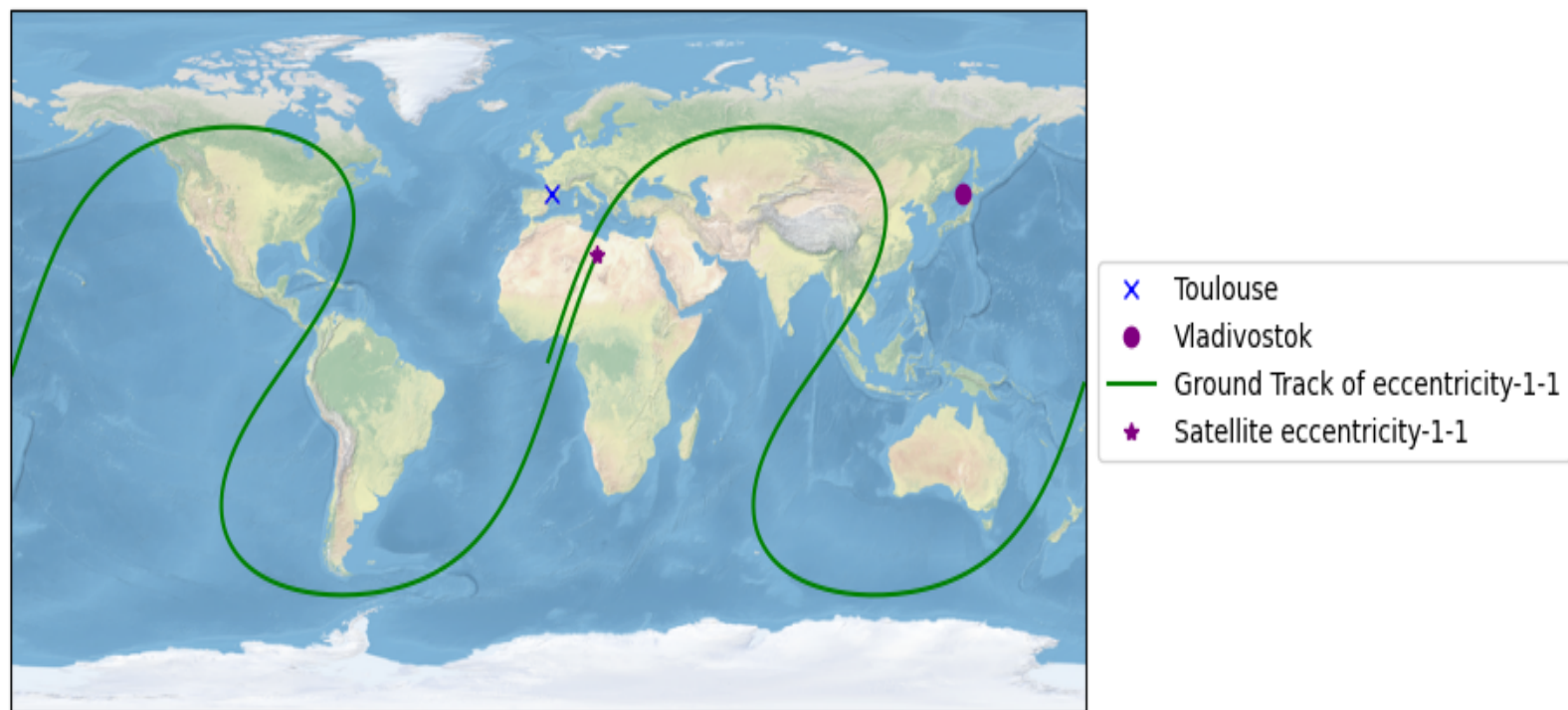
- Semi major axis: 26378.0 km
- Inclination: 60.0 °
- Eccentricity: 0.5
- Orbital period: 42636.338634186395 s
- Number of orbits per day: 2.026440420724197

- Revisit at 0°: 0.14126907758744914; at 45°: 0.1997846454681076; at 60°: 0.2825381551748982

- Swath: 12.0 km

- Depointing: 2.0 °

Satellite Ground Track



Point of interest details:

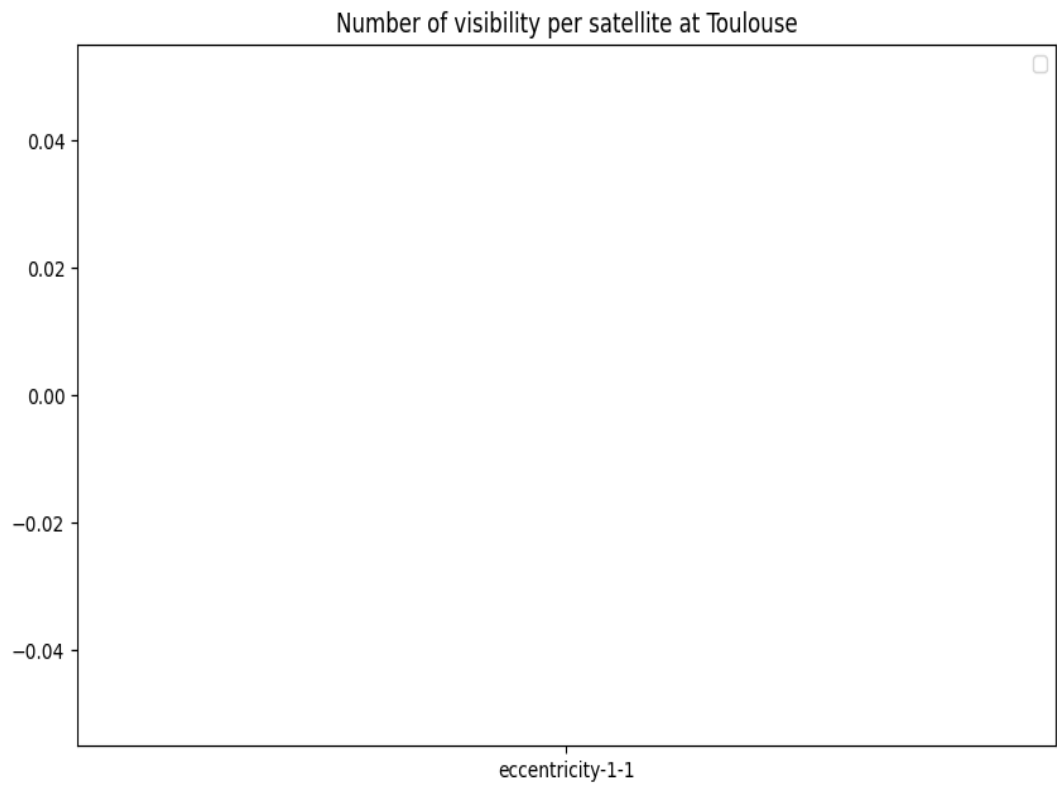
Name of the point of interest: Toulouse

Coordinates : 43.0° 1.0°

Altitude : 120.0 m

Total number of times visible : 0

Mean duration time : PLACEHOLDER s



Ground Station details:

Name of the ground station: Vladivostok

Coordinates : 43.0° 139.0°

Altitude : 120.0 m

Antenna characteristics :

- Elevation : 8.0 °

- Band : Ku

- Debit : 10.0 Mbps

Total number of opportunities : 2

Mean duration time : PLACEHOLDER s

Mean data size send/received : PLACEHOLDER Mb

