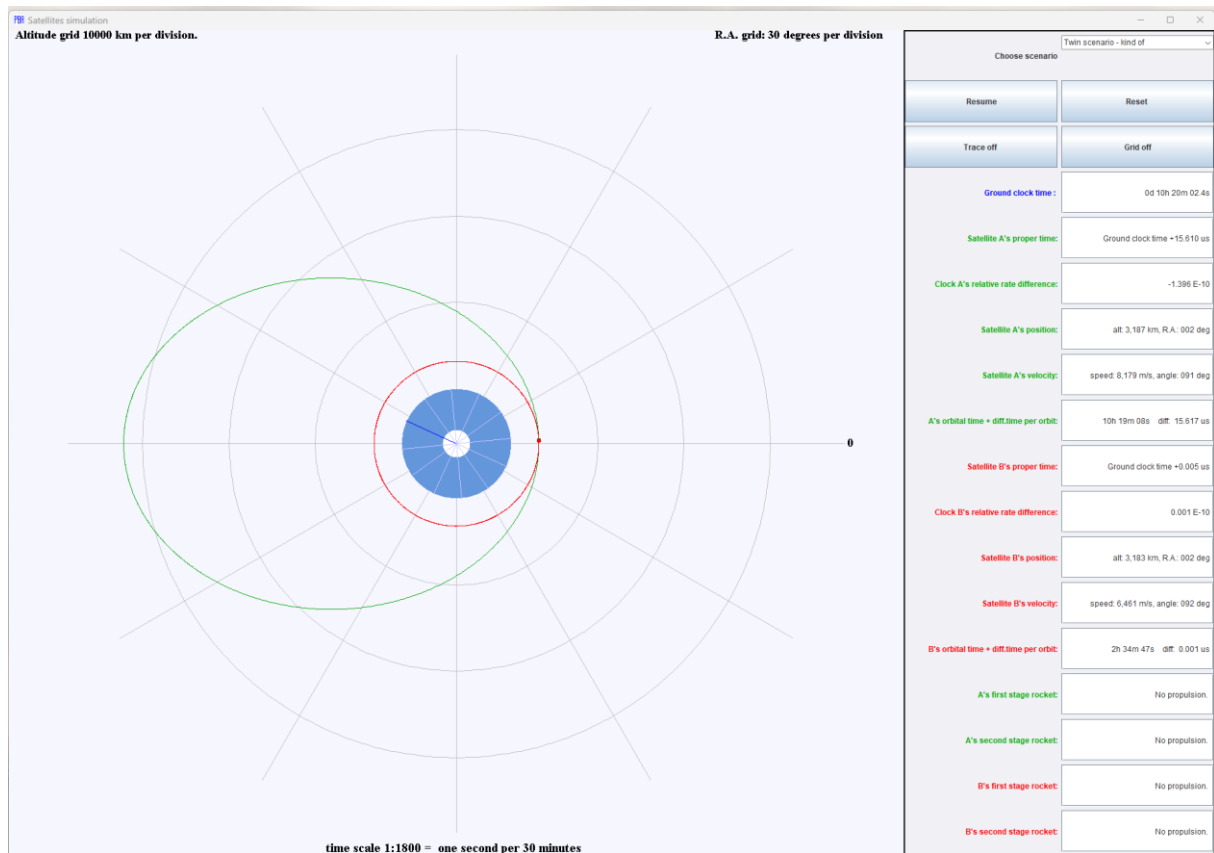


## Run of scenario “Twin scenario-kind off” in the simulation “Satellites”.



The red satellite is in circular orbit at an altitude which makes the satellite clock stay in sync with UTC.

The green satellite is in a highly elliptical orbit and will always be at higher altitude than the red satellite, except when they meet.

The satellites will periodically meet. The red satellite makes four orbits while the green satellite makes one orbit between each time they meet.

Between the meets, the green satellite will measure a proper time which is  $\approx 15.5 \mu$ s longer than the proper time measured by the red satellite.