

SENTINEL3A Orbit Monitoring Report

Orbit Scenario File vs Predicted Orbit Files

Report Generation Date: 2021-01-02T18:00:00

Mission and System Analysis Section (ESTEC/EOP-PES)

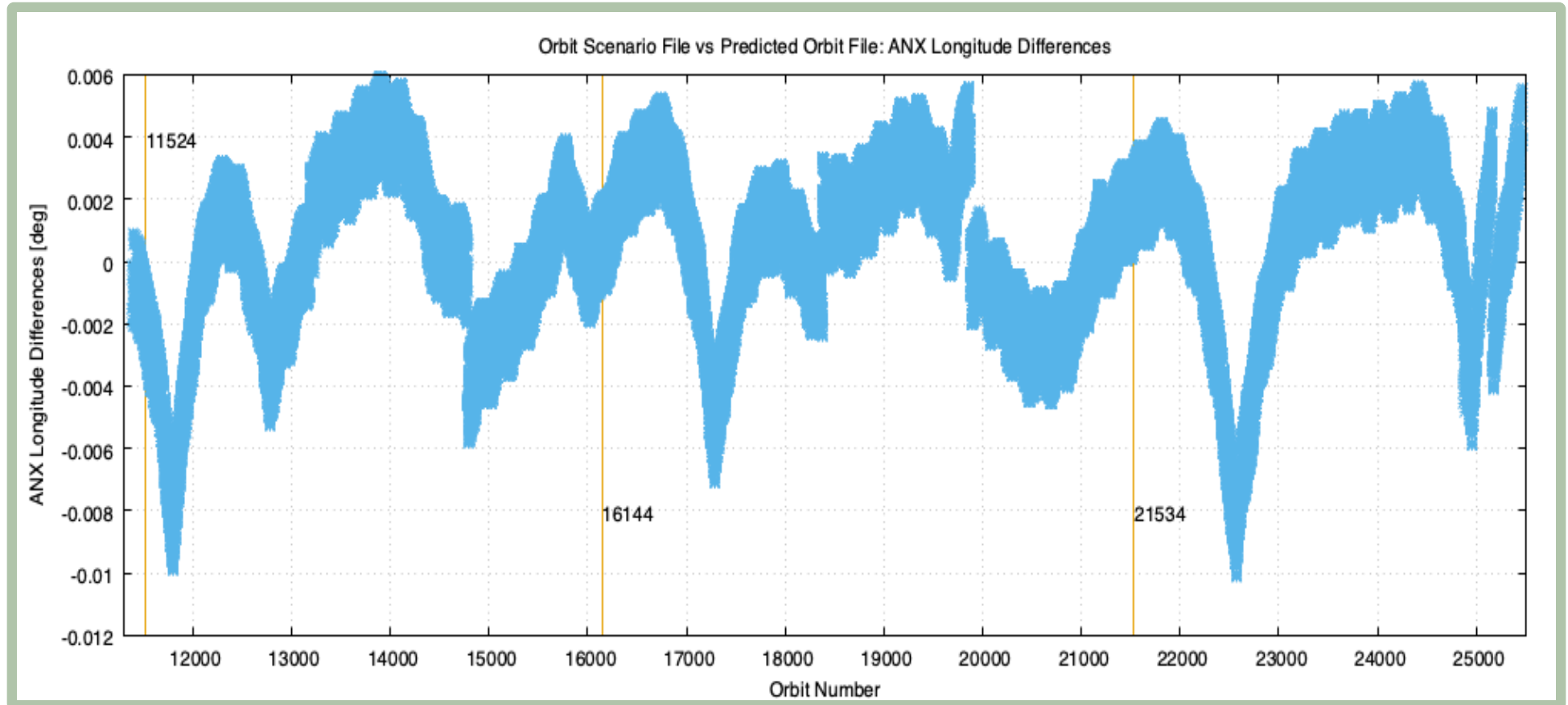
Orbit Scenario File

Filename	S3A_TEST_MPL_ORBSCT_20160216T191845_99999999T999999_0007.EOF
-----------------	--

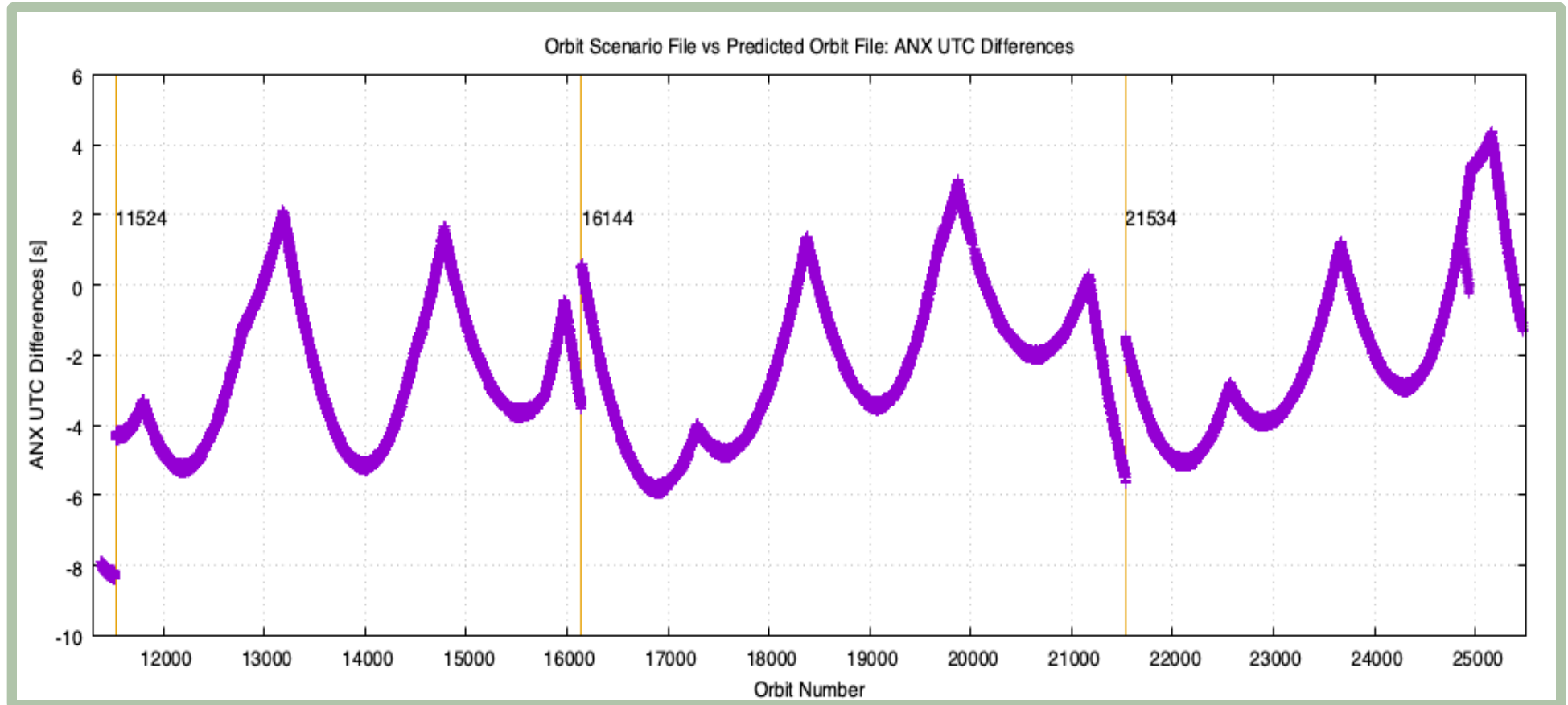
Reported Time Interval

Begin UTC Time	2018-04-25T00:38:25.048151
Begin Absolute Orbit	11383
End UTC Time	2021-01-06T22:42:33.523799
End Absolute Orbit	25470

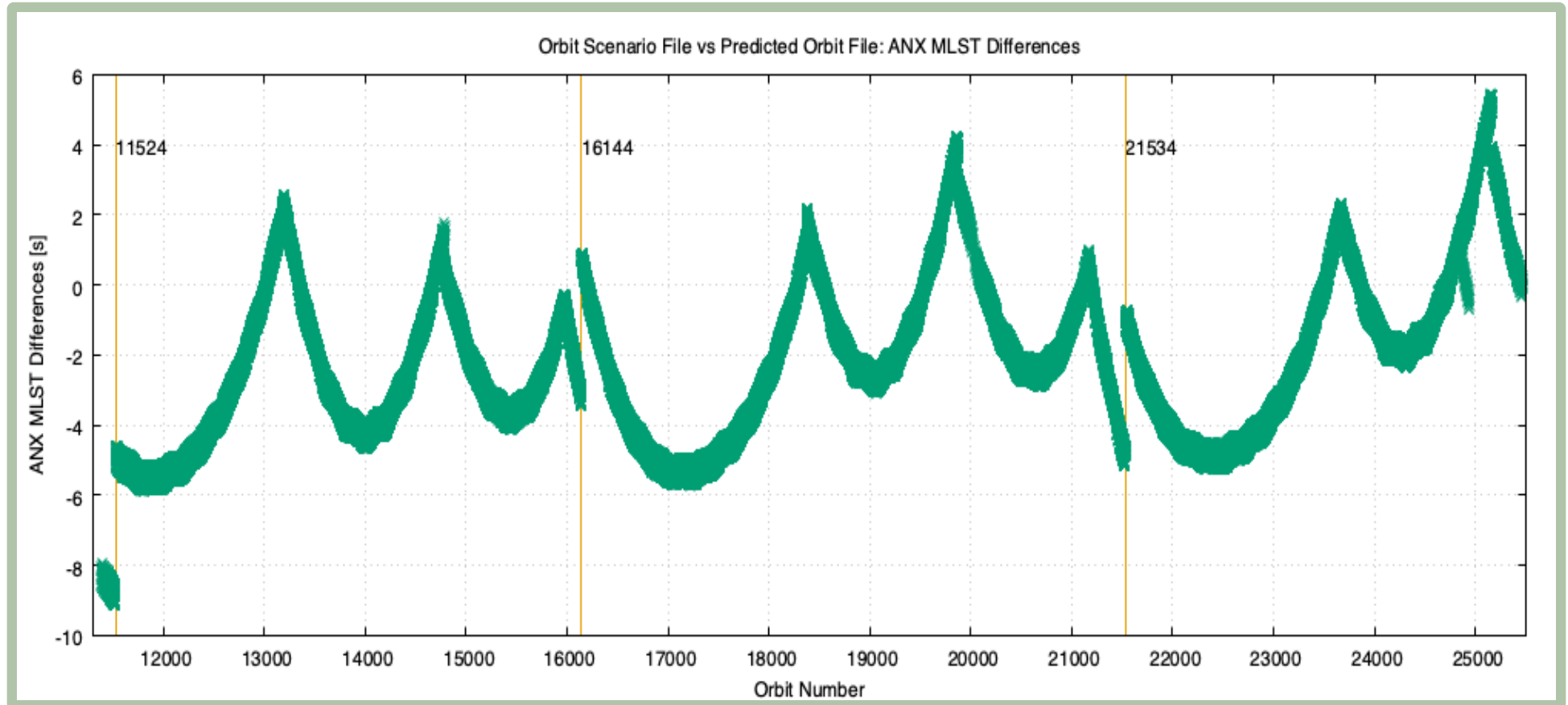
Differences in ANX Longitude



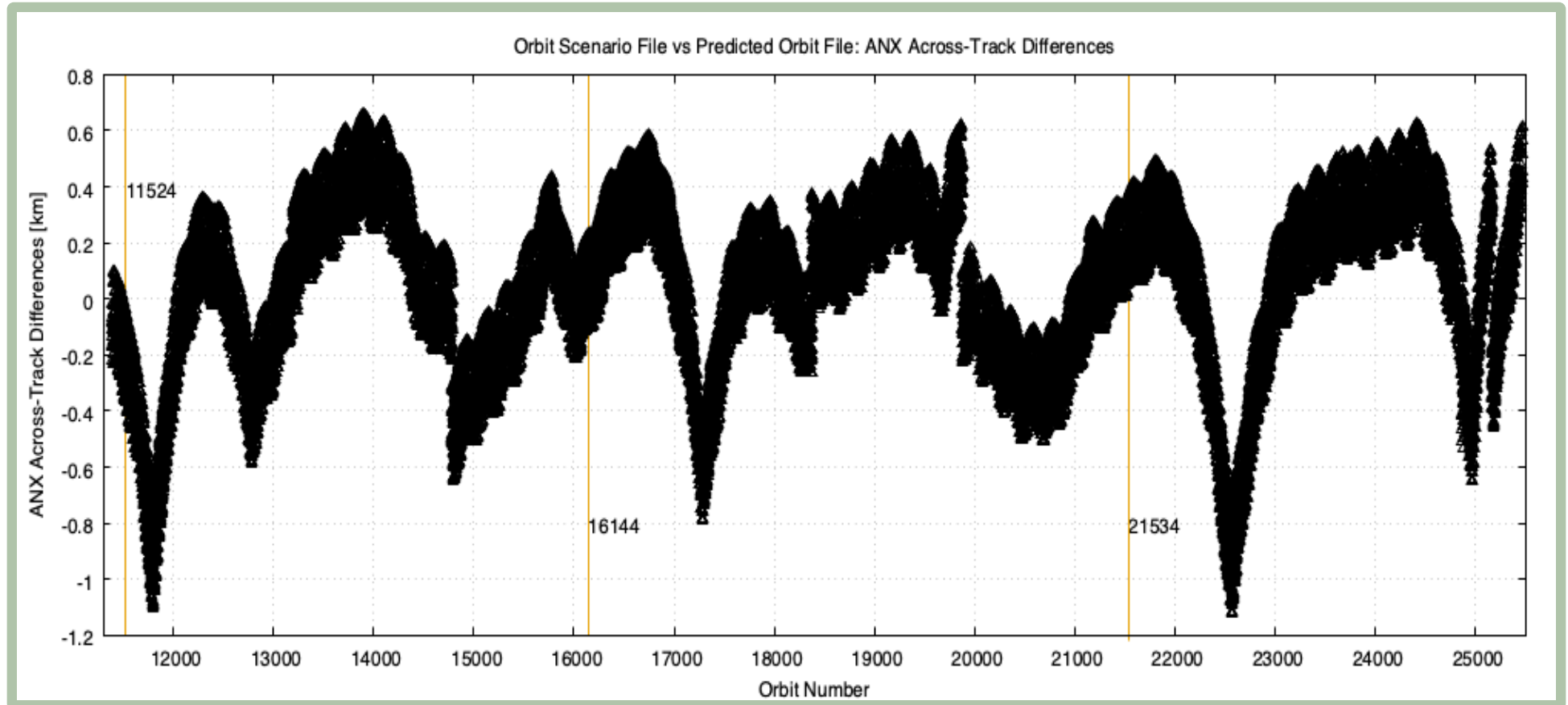
Differences in ANX UTC Time



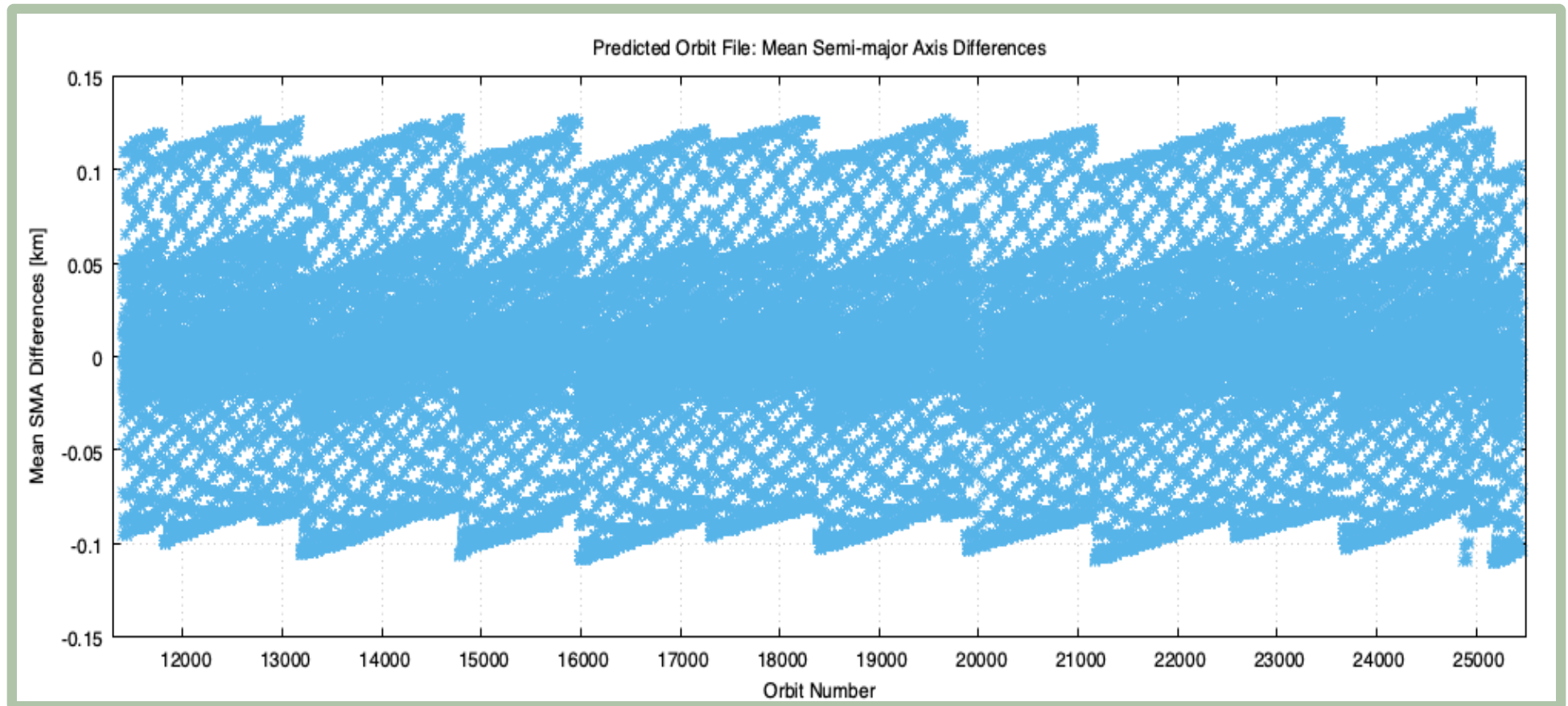
Differences in ANX Mean Local Solar Time



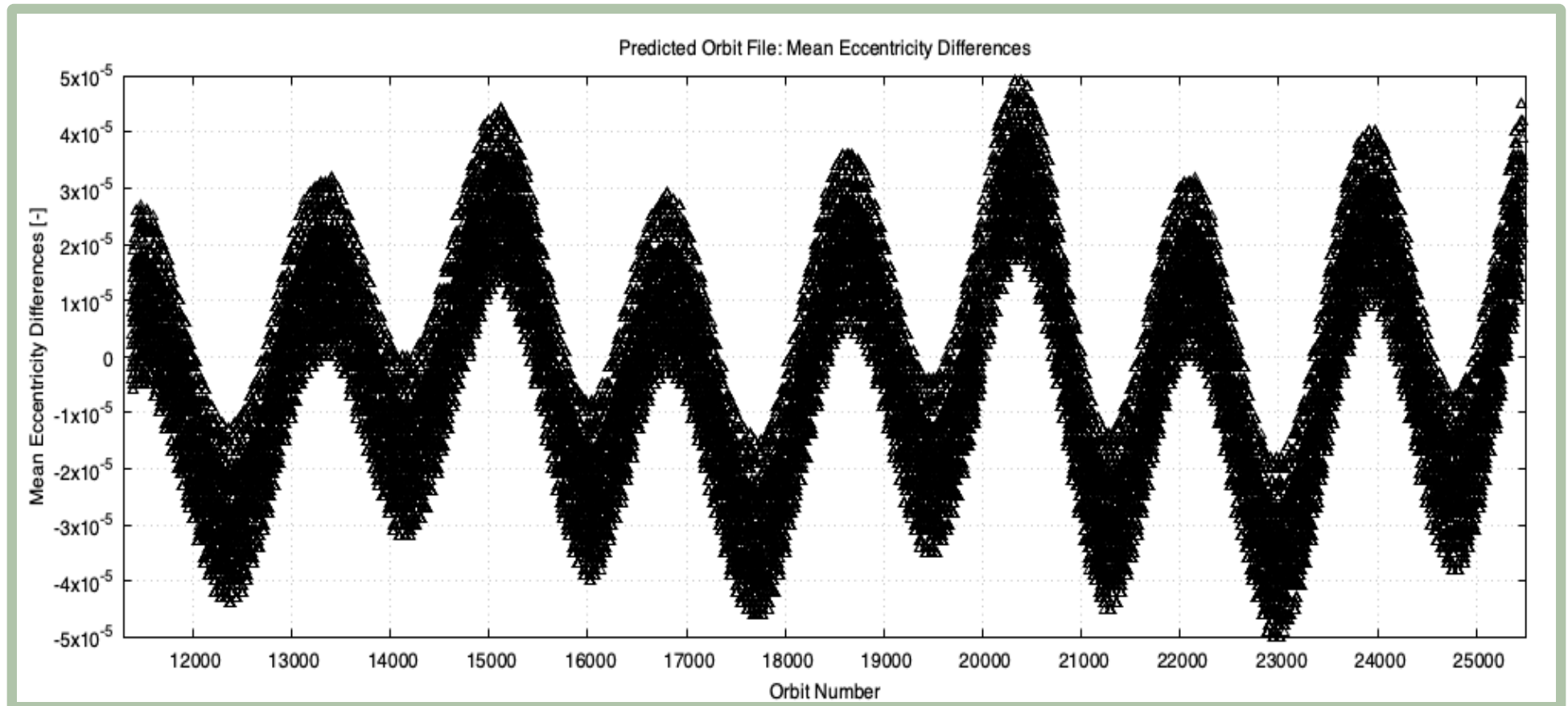
Differences in ANX Across-track



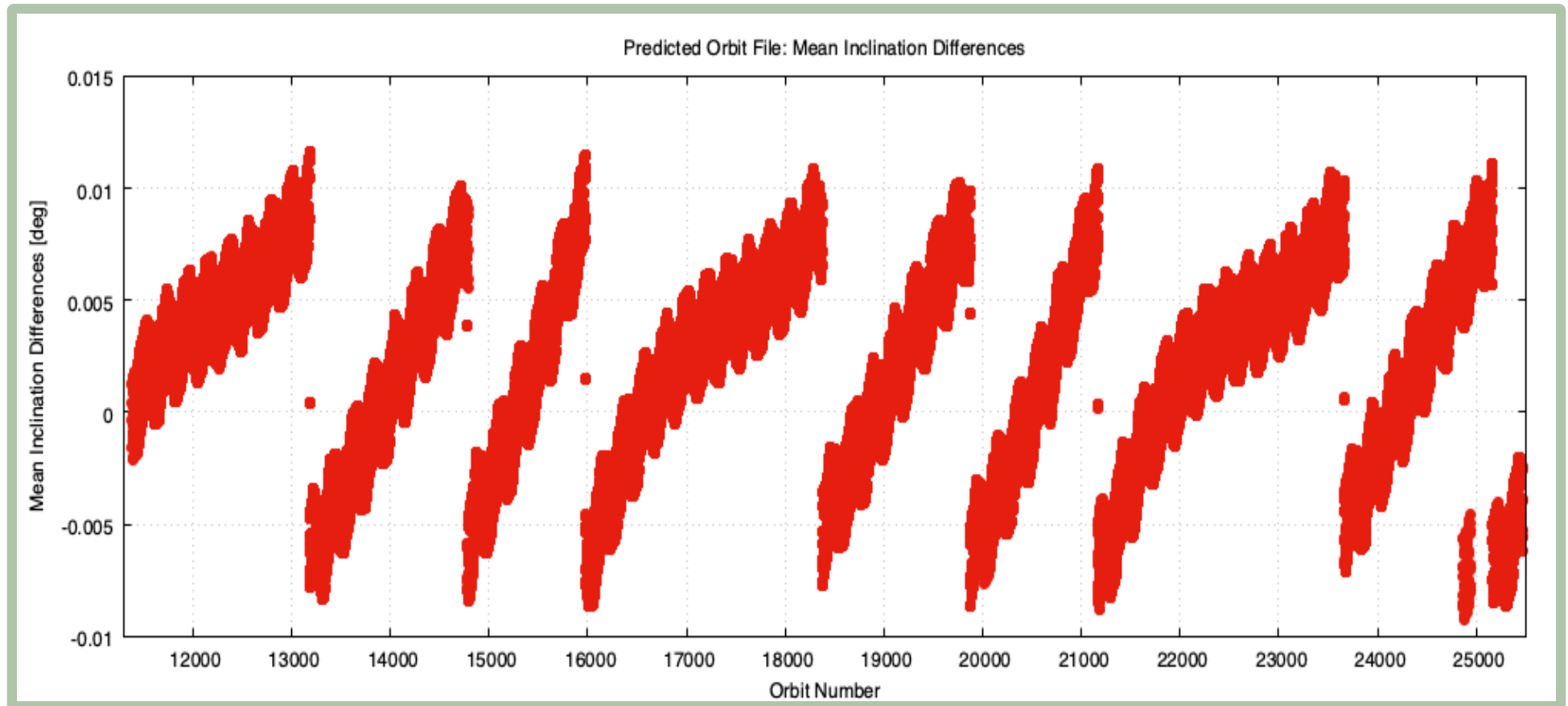
Differences in Mean Semi-major Axis



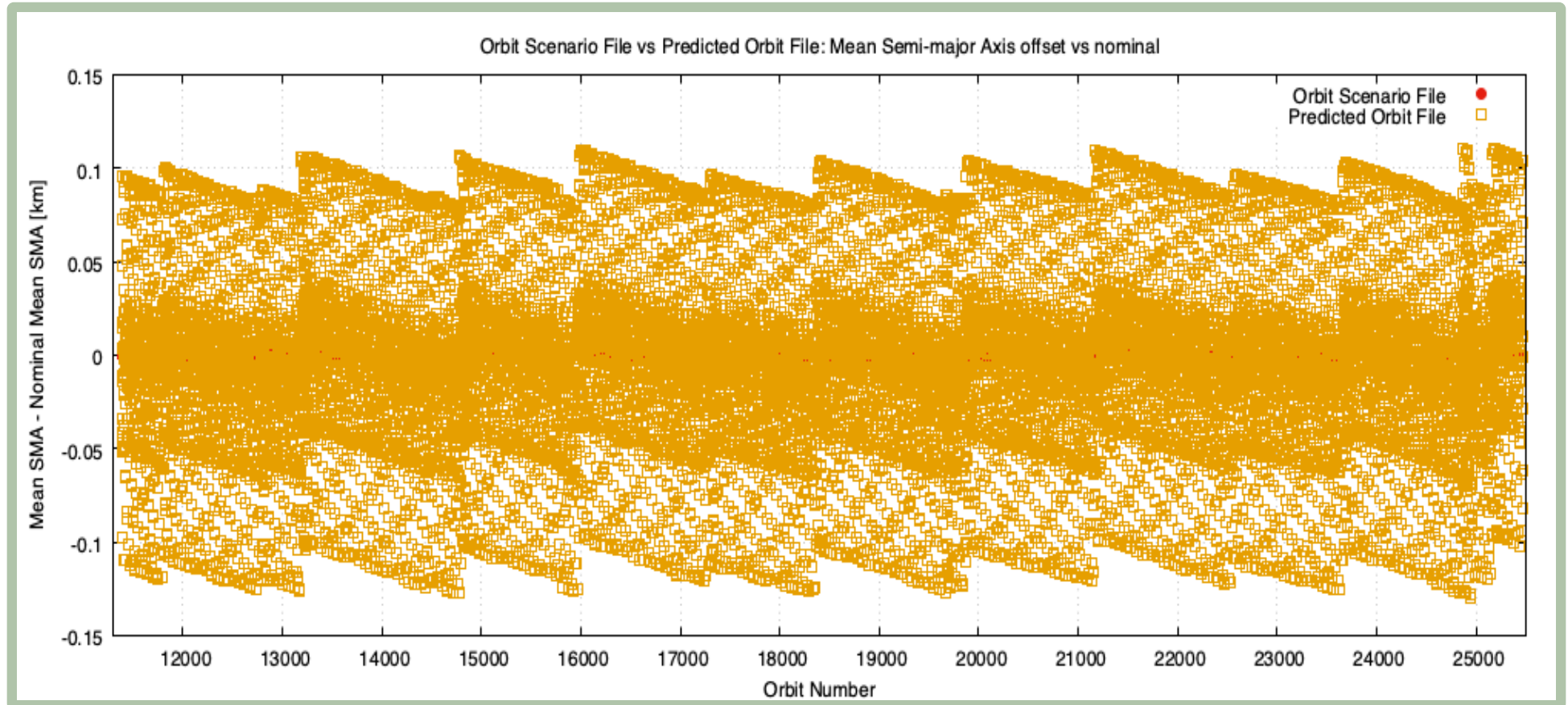
Differences in Eccentricity



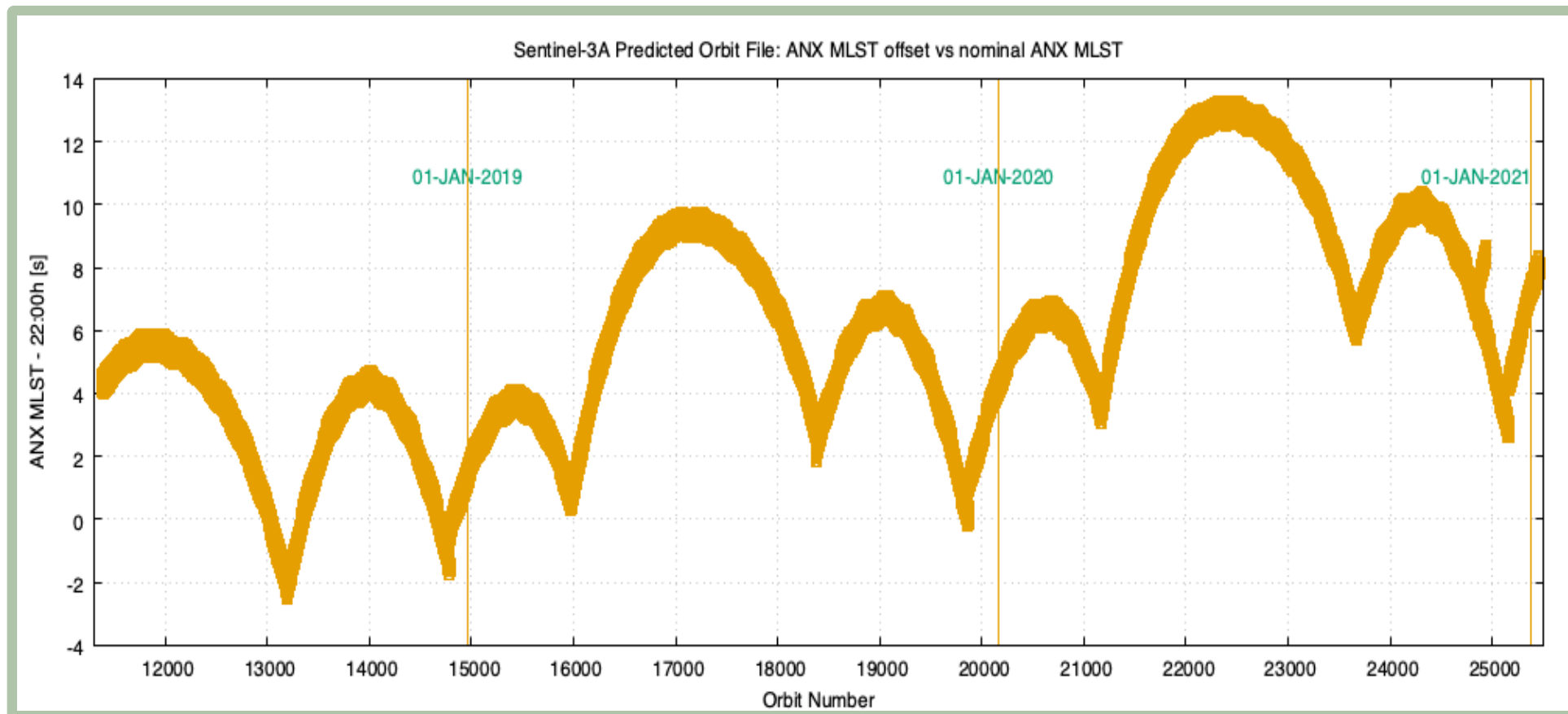
Differences in Mean Inclination



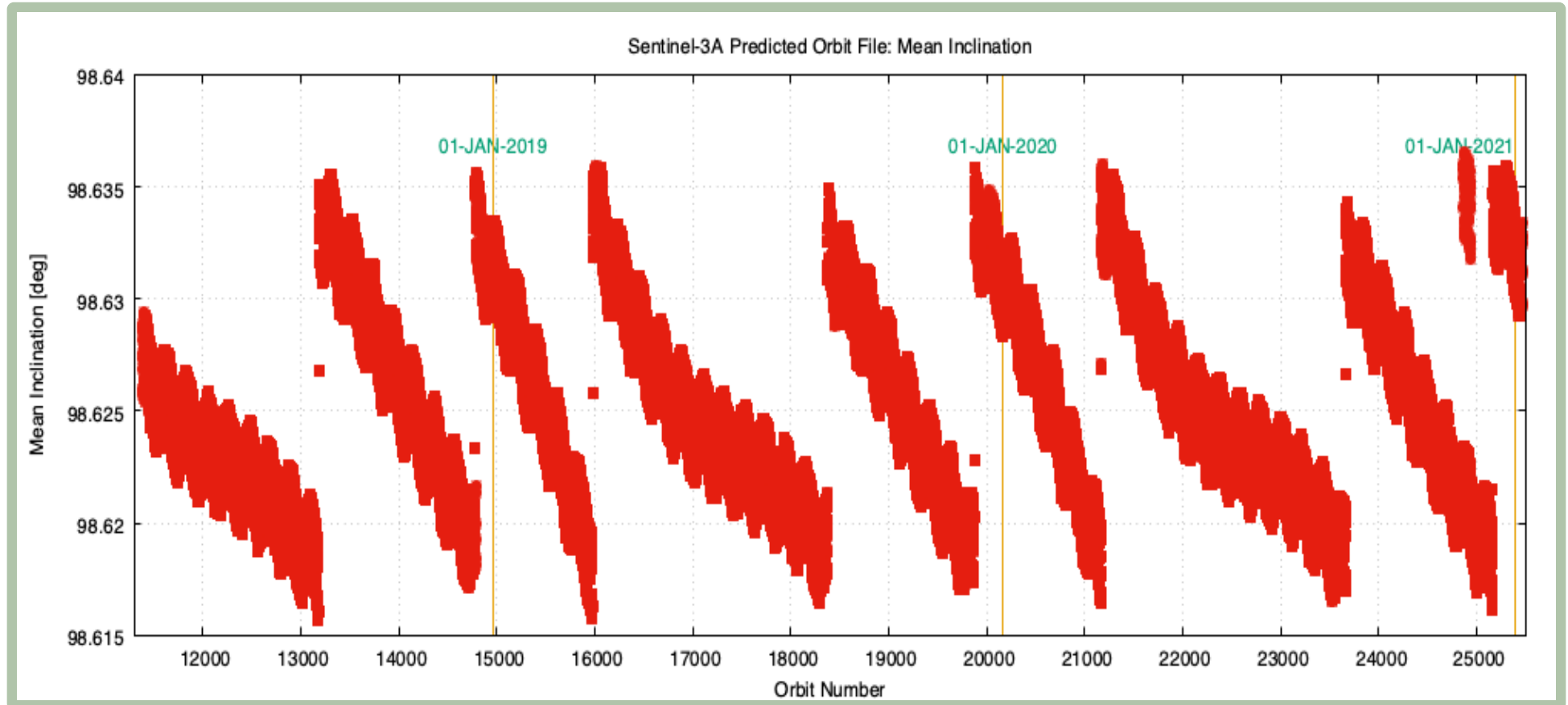
Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



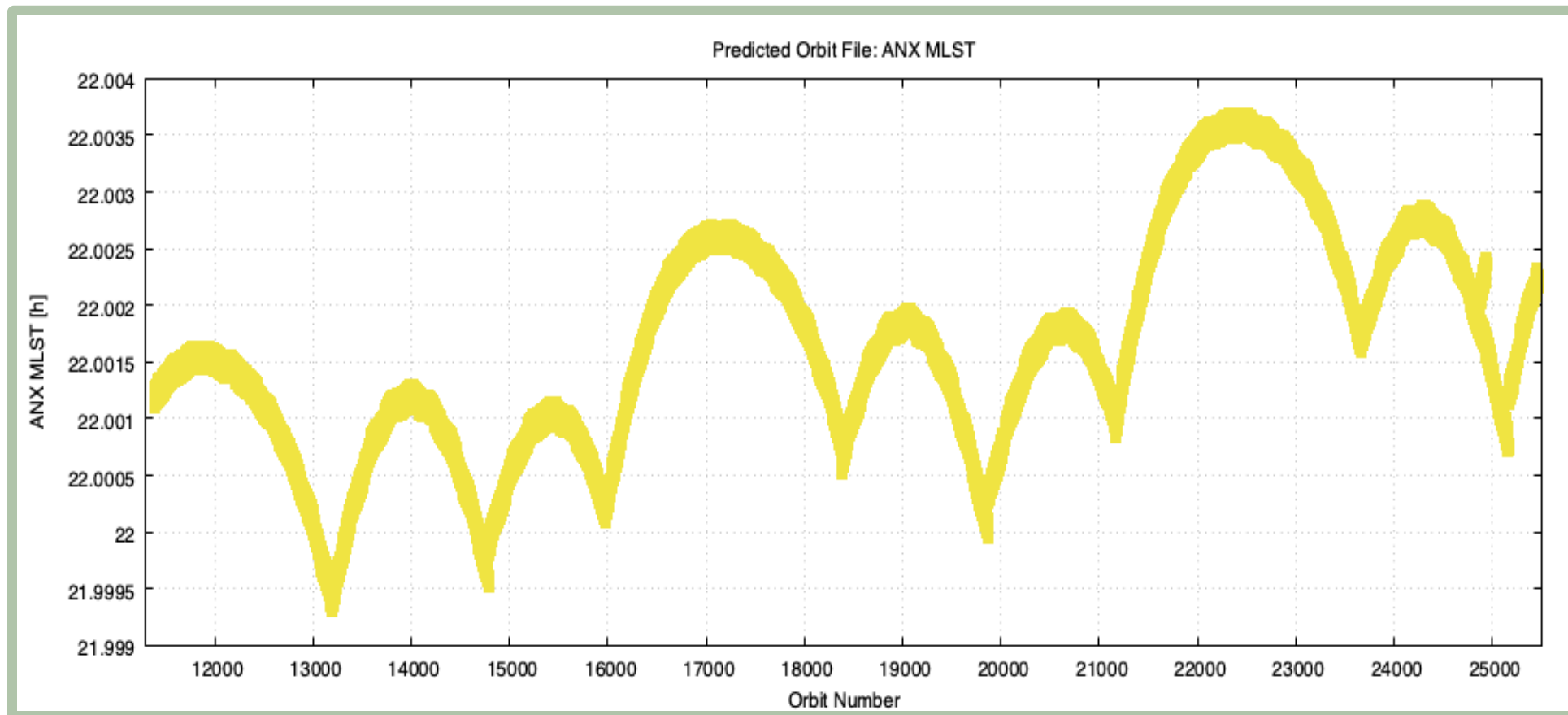
Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): Offset vs Nominal ANX MLST



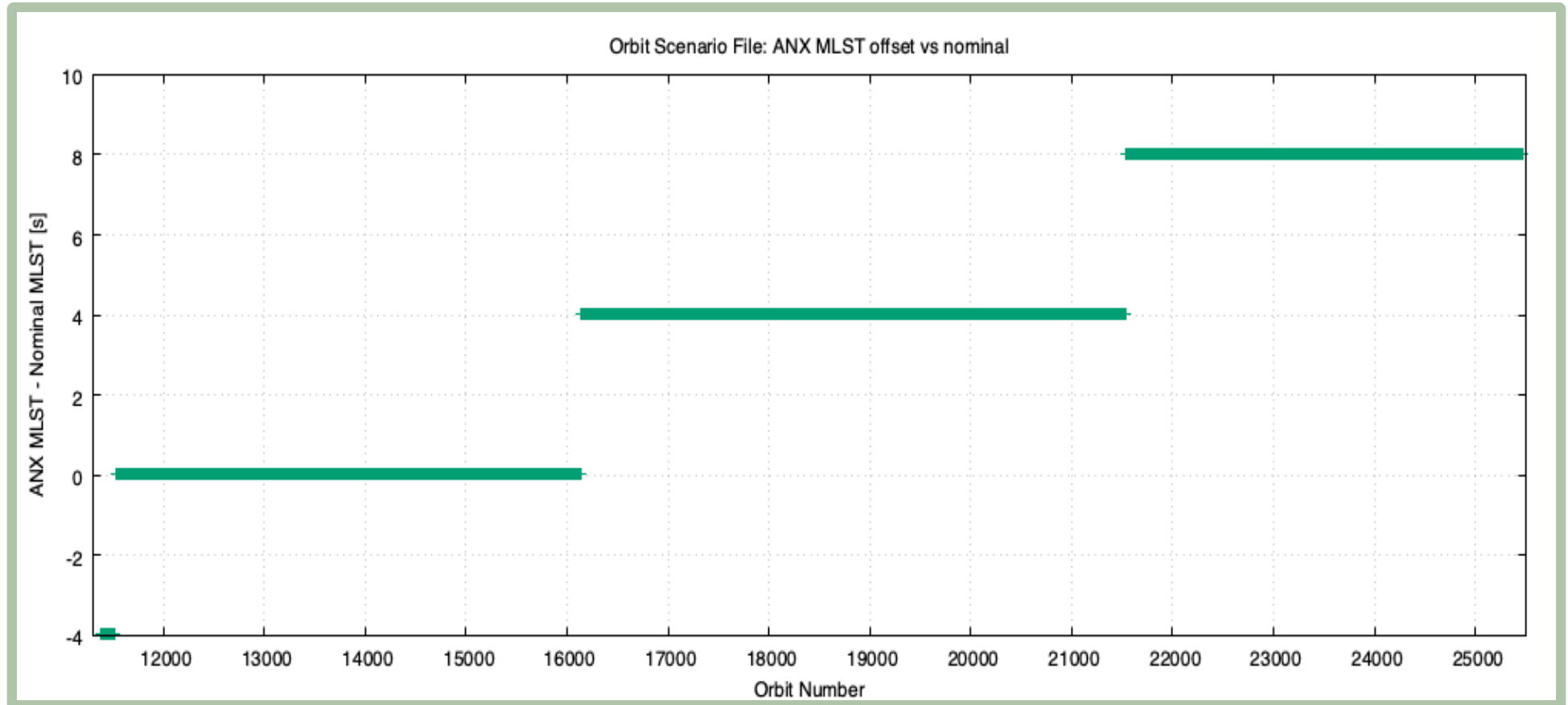
Evolution of Mean Inclination (Predicted Orbit Files)



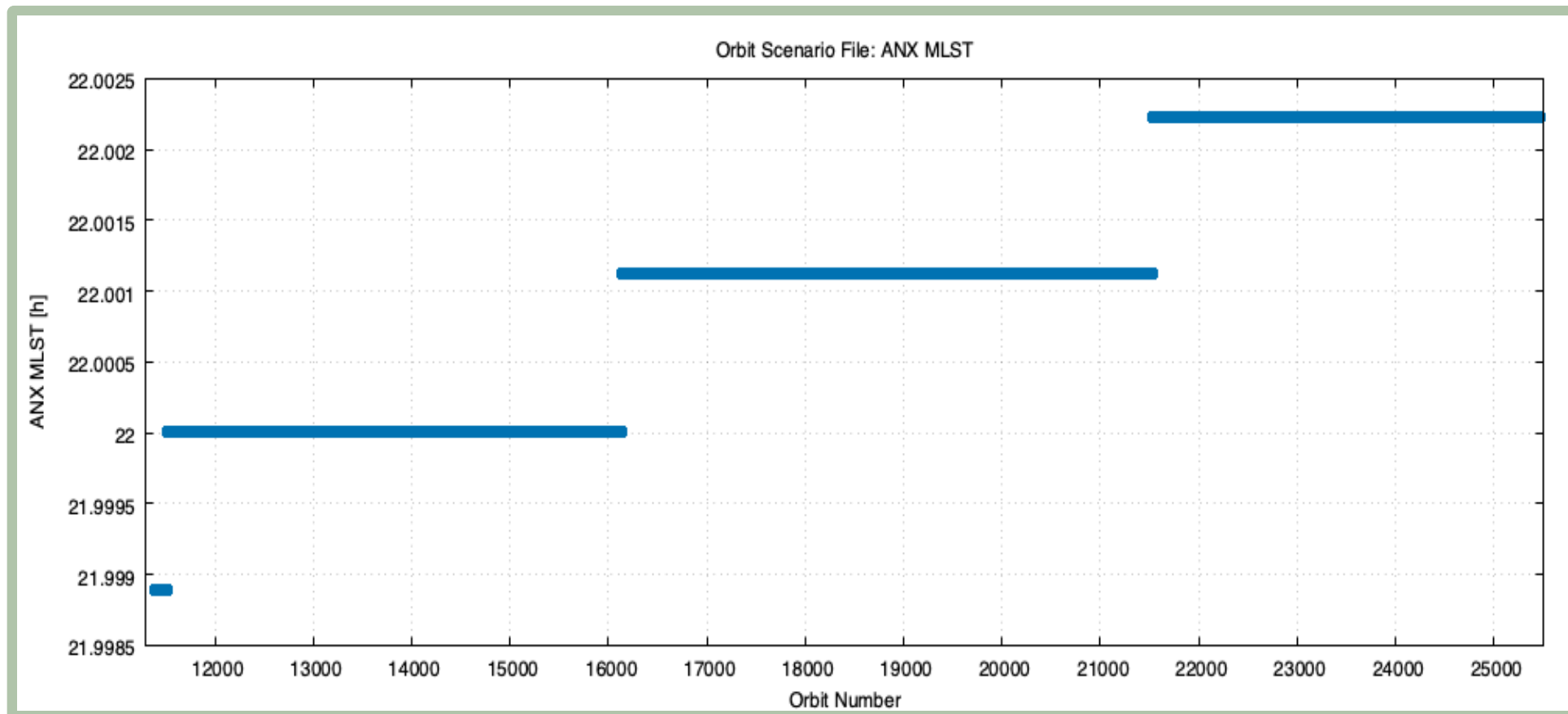
Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): ANX MLST



Long-Term Evolution of ANX Mean Local Solar Time (Orbit Scenario File): Offset vs Nominal ANX MLST



Long-Term Evolution of ANX Mean Local Solar Time (Orbit Scenario File): ANX MLST



Long-Term Evolution of Mean Semi-major Axis (Orbit Scenario File): Nominal SMA vs Mean SMA

