

SENTINEL2B Orbit Monitoring Report

Orbit Scenario File vs Predicted Orbit Files

Report Generation Date: 2024-01-02T20:00:00

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

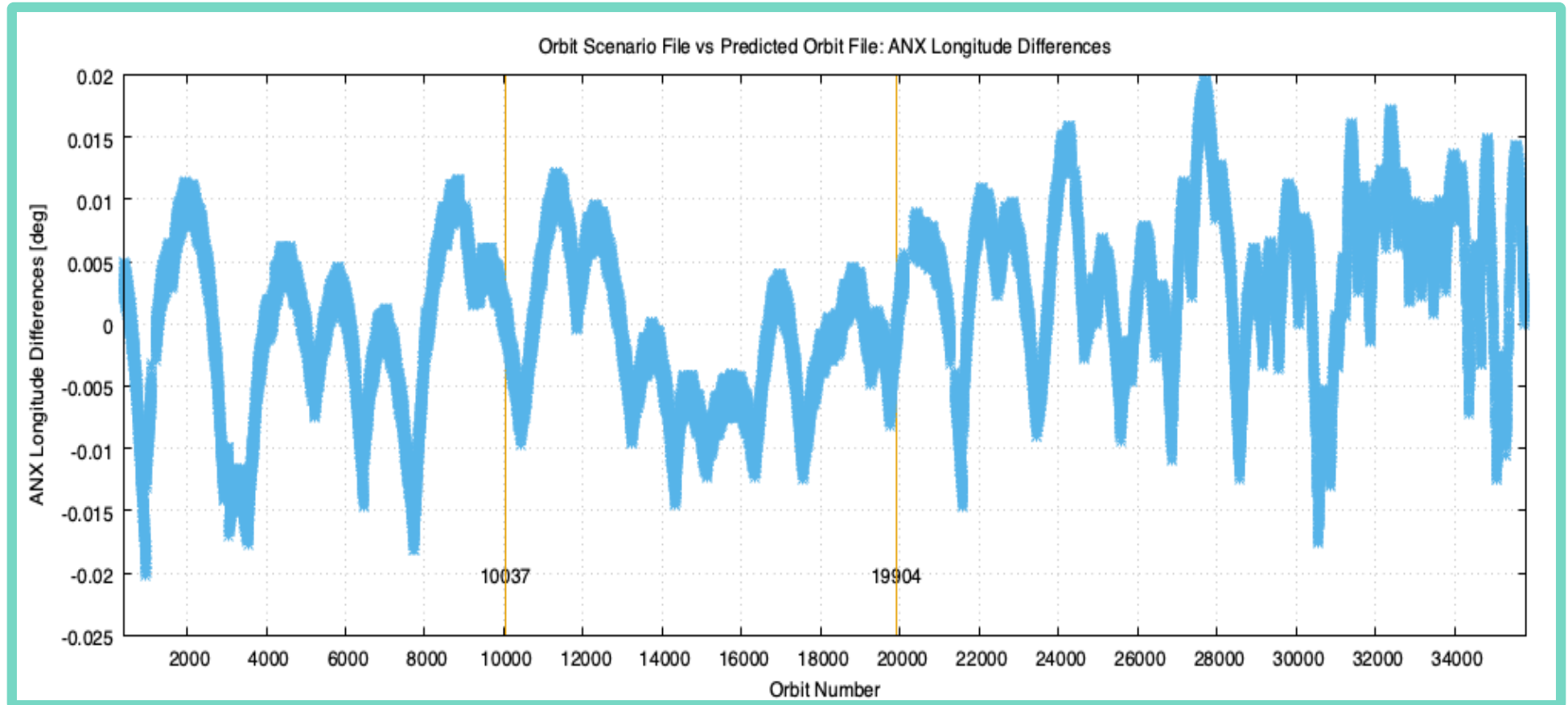
Orbit Scenario File

Filename	S2B_OPER_MPL_ORBSCT_20170309T104400_99999999T999999_0007.EOF
-----------------	--

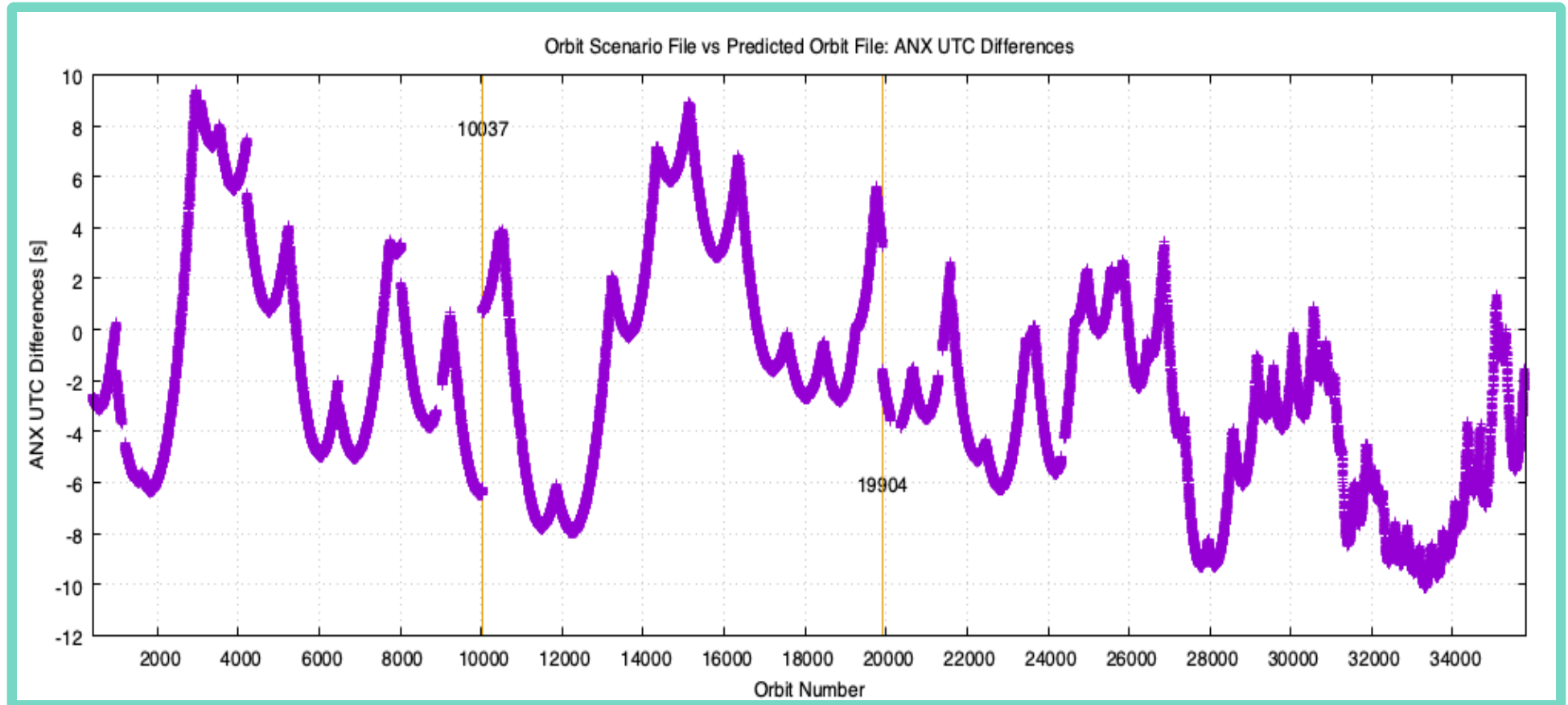
Reported Time Interval

Begin UTC Time	2017-04-04T03:48:15.998139
Begin Absolute Orbit	402
End UTC Time	2024-01-12T01:47:26.735283
End Absolute Orbit	35779

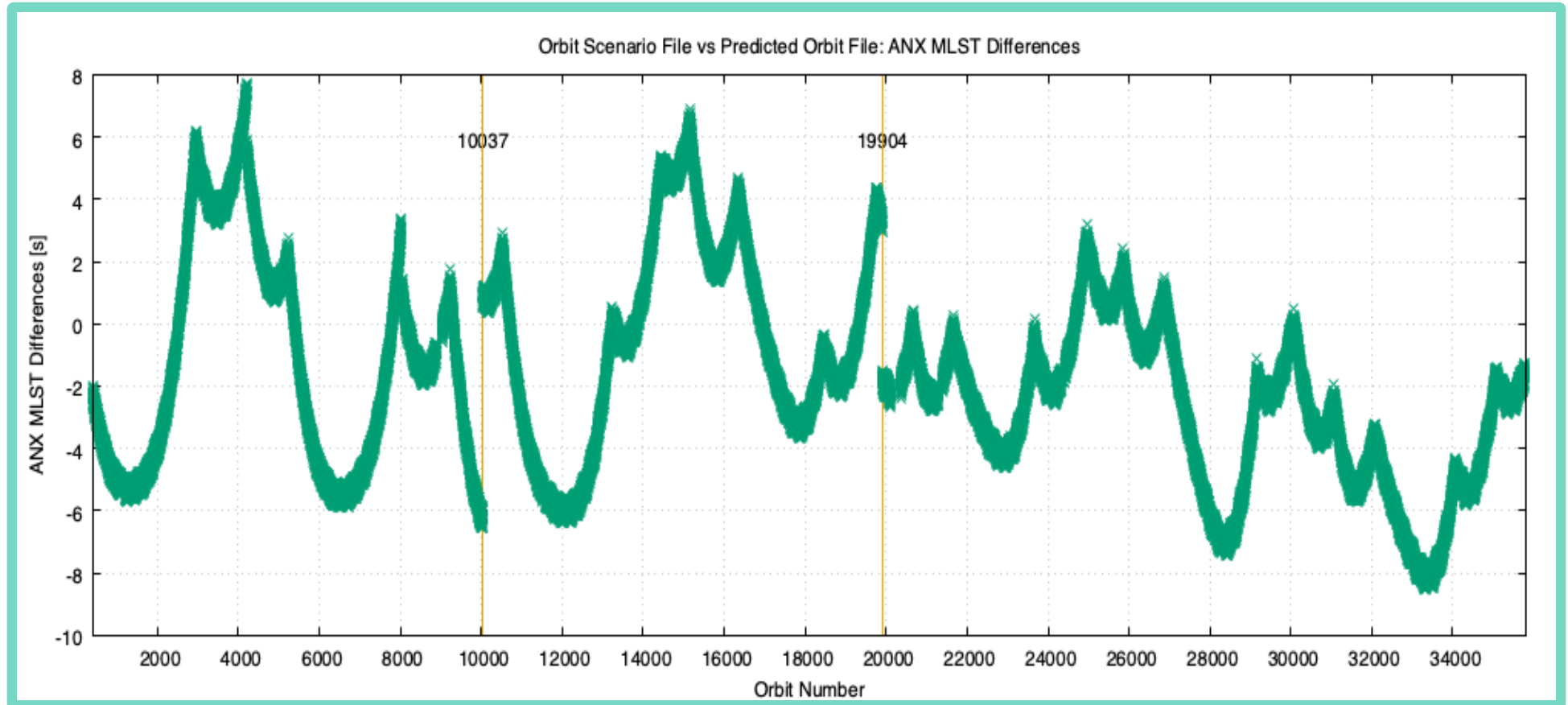
Differences in ANX Longitude



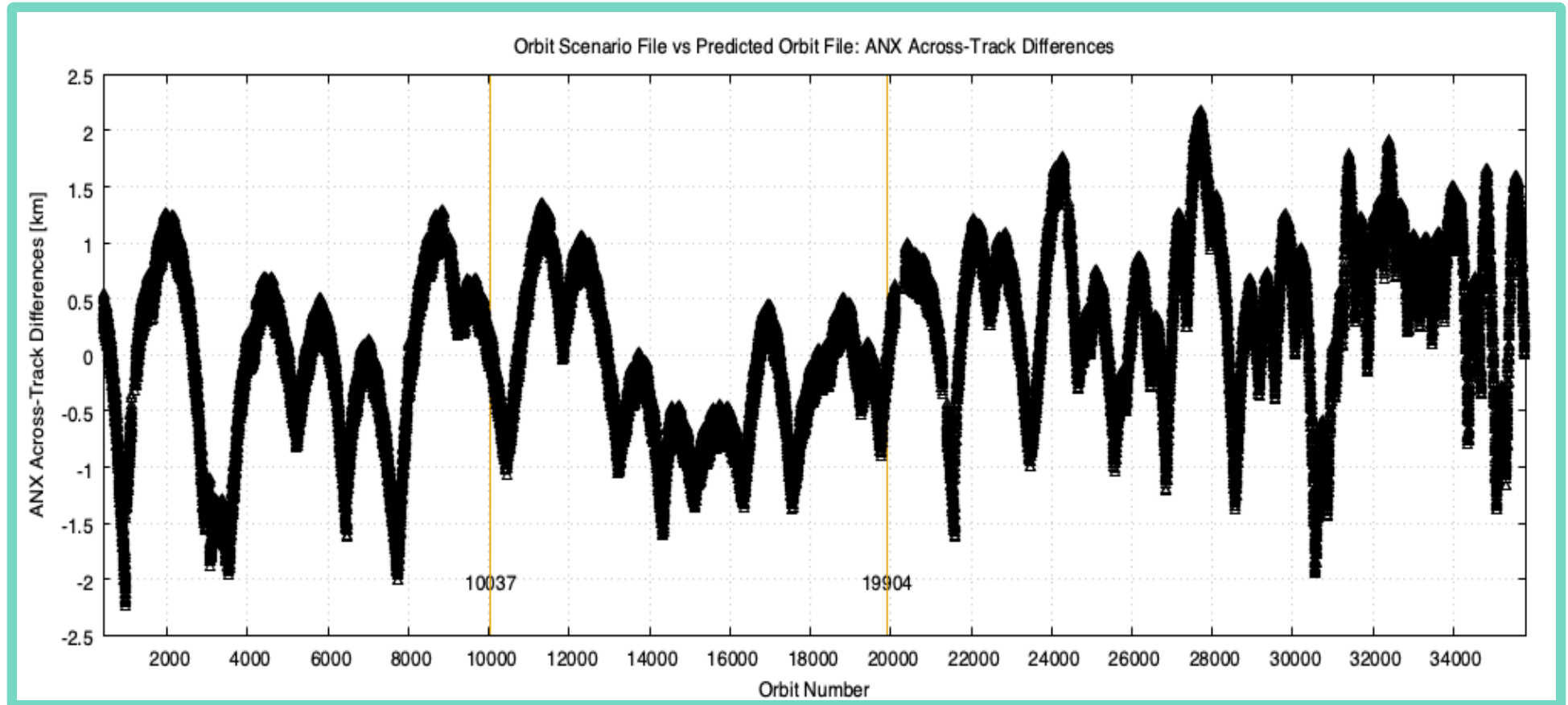
Differences in ANX UTC Time



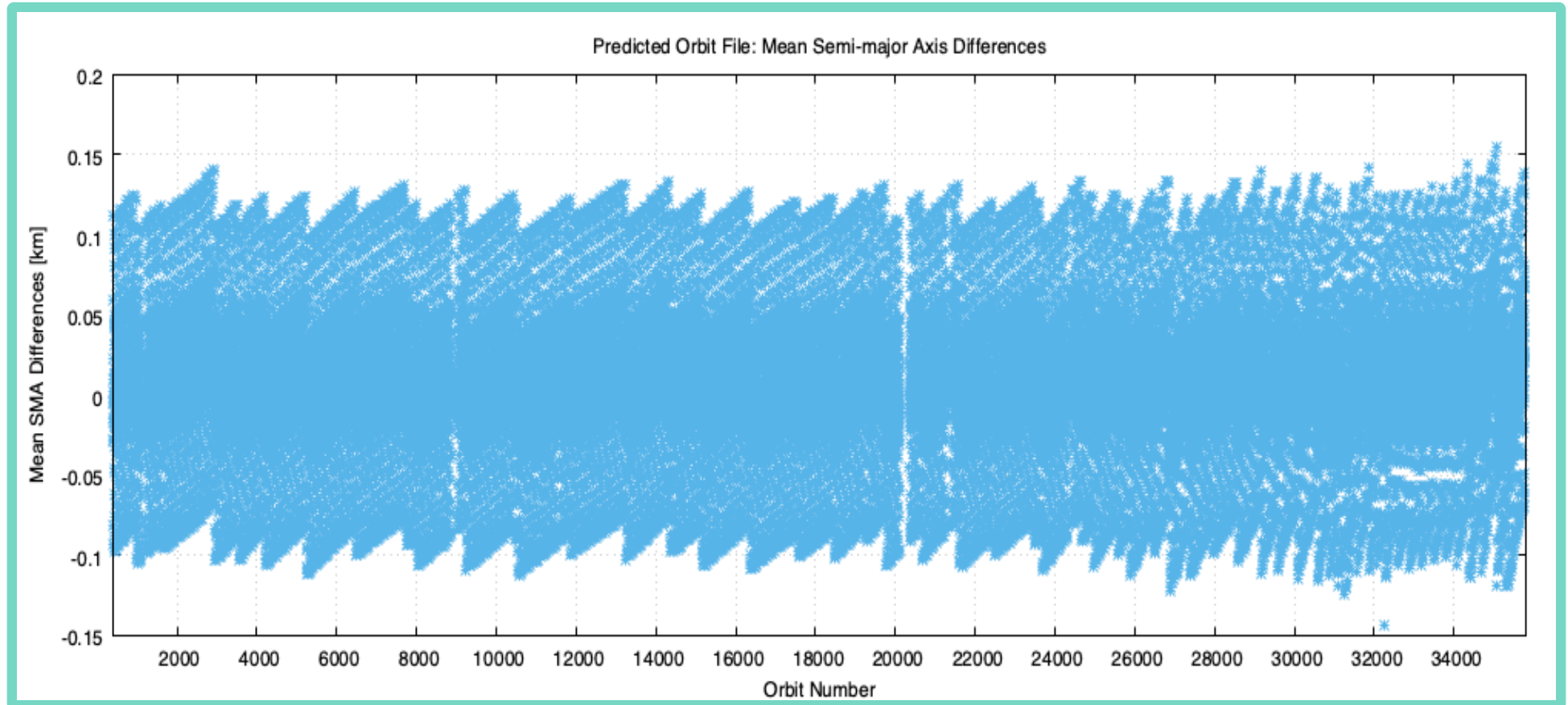
Differences in ANX Mean Local Solar Time



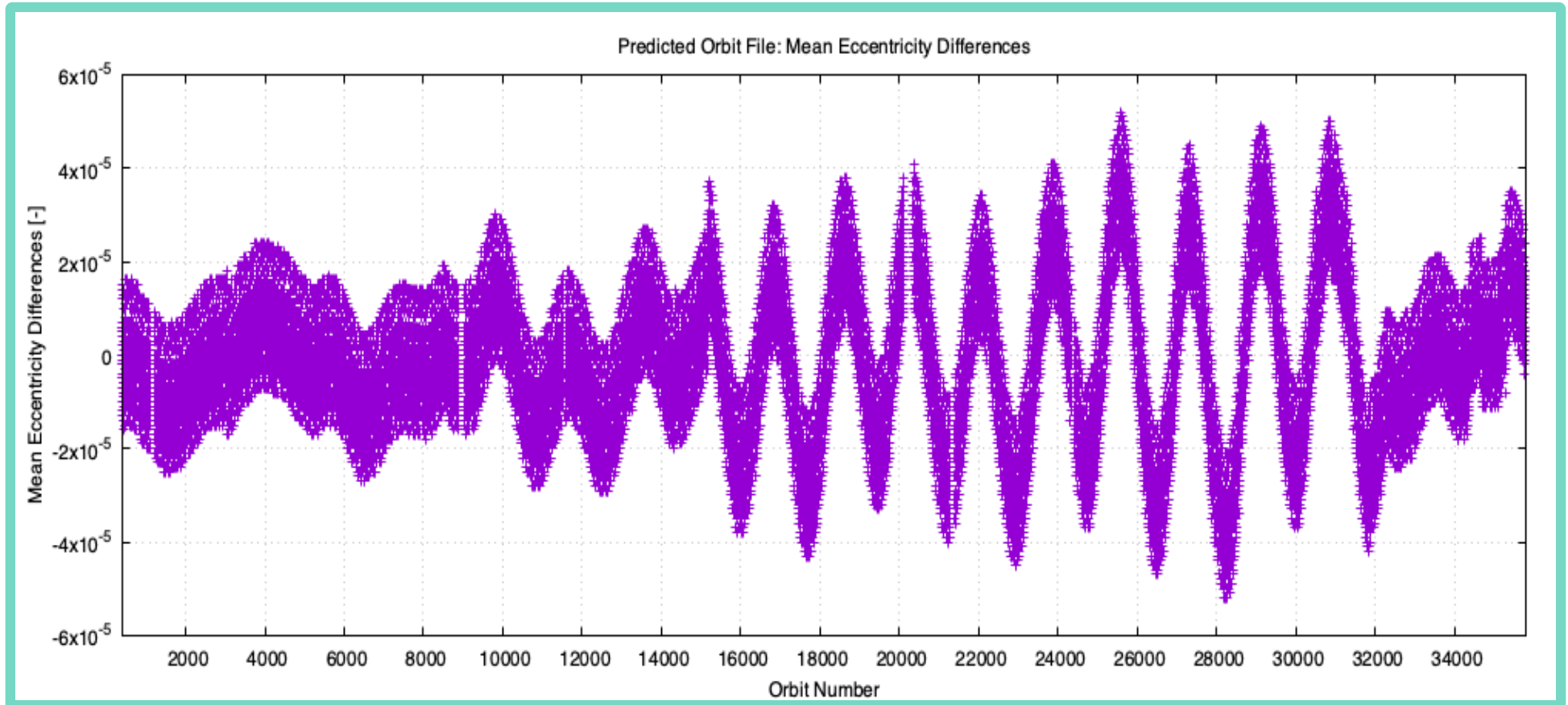
Differences in ANX Across-track



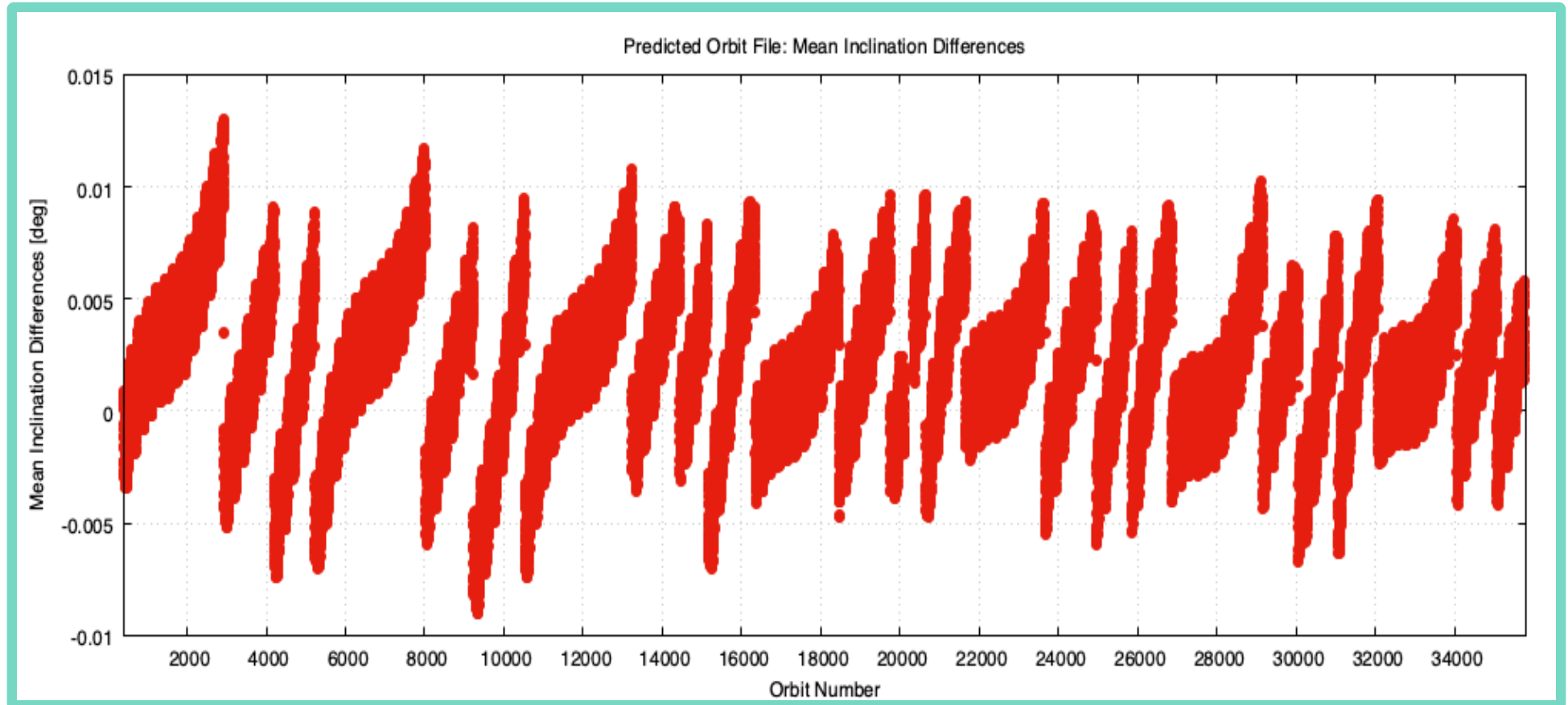
Differences in Mean Semi-major Axis



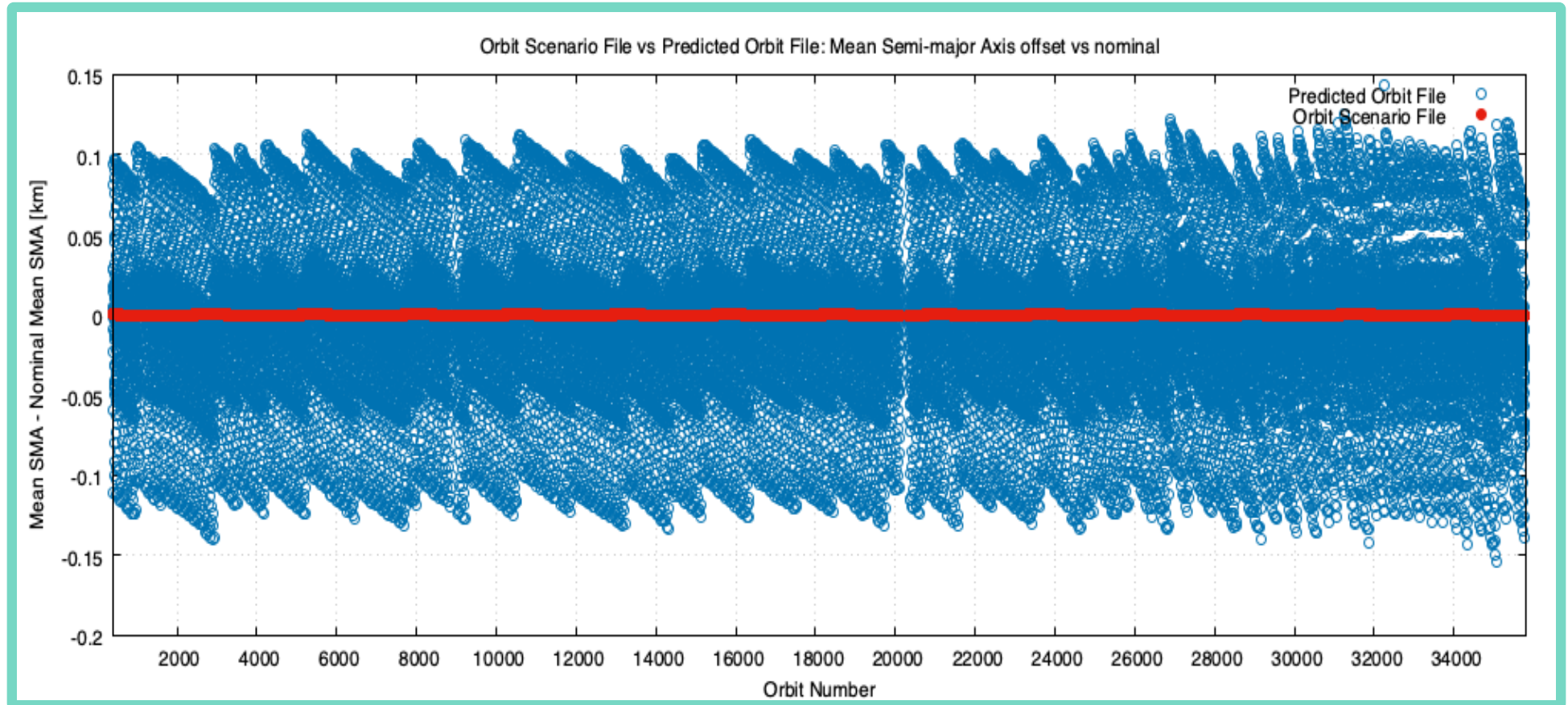
Differences in Mean Eccentricity



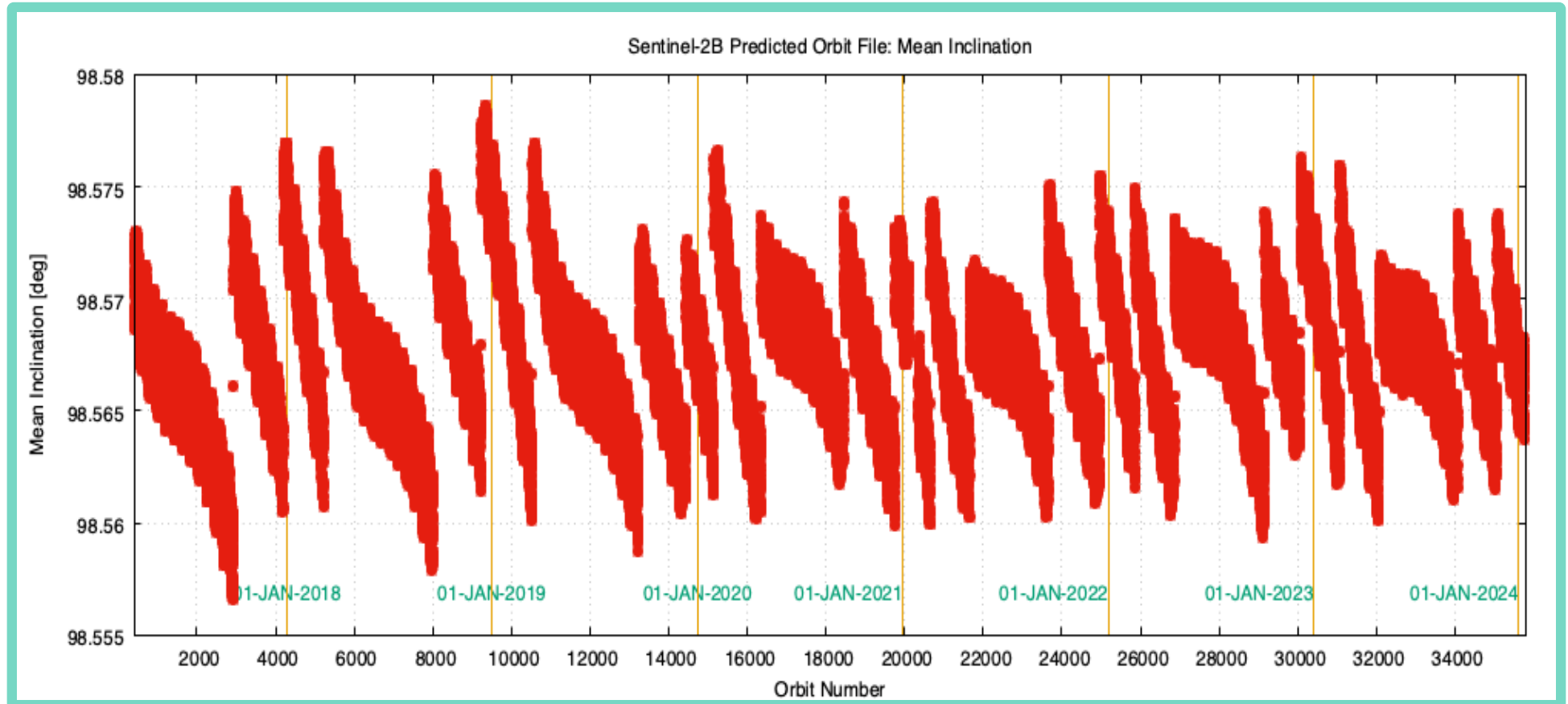
Differences in Mean Inclination



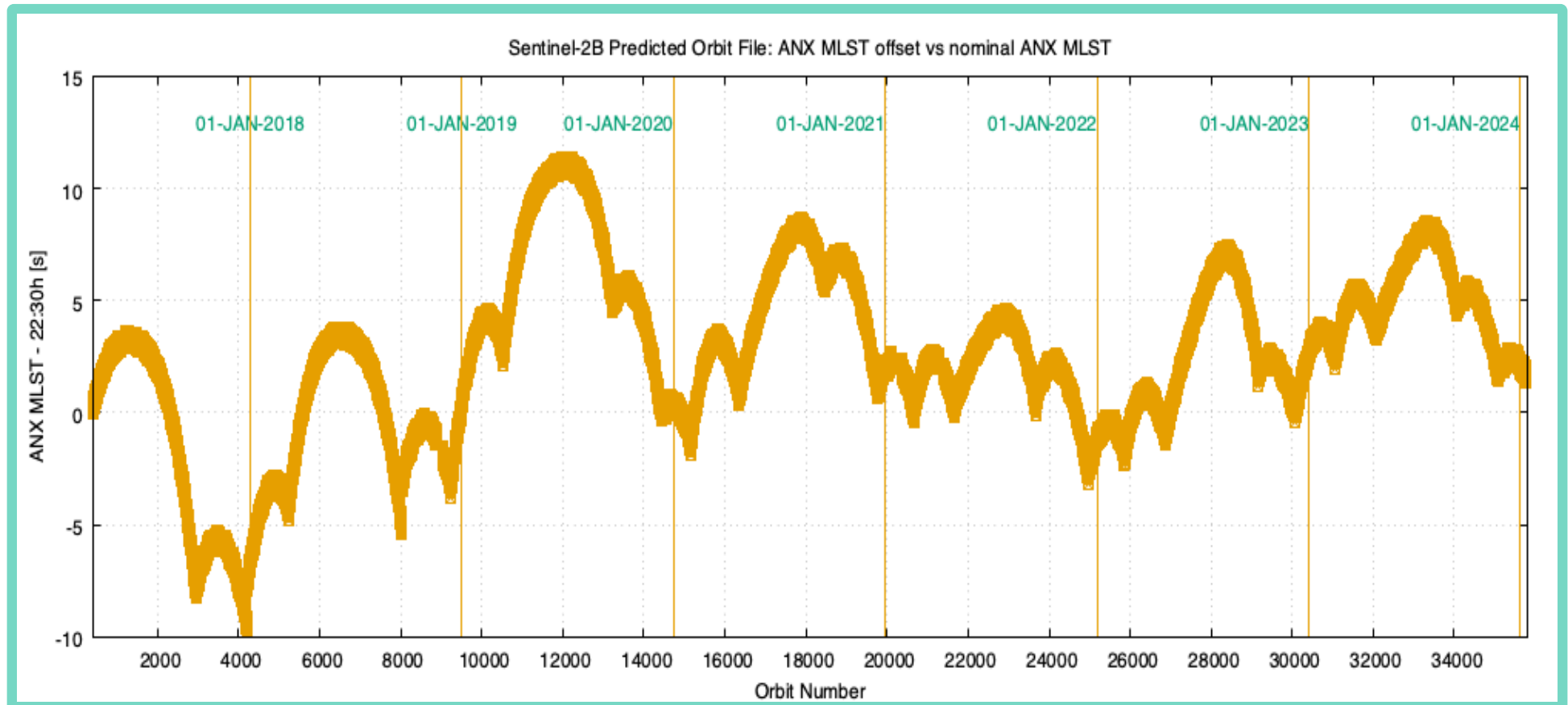
Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



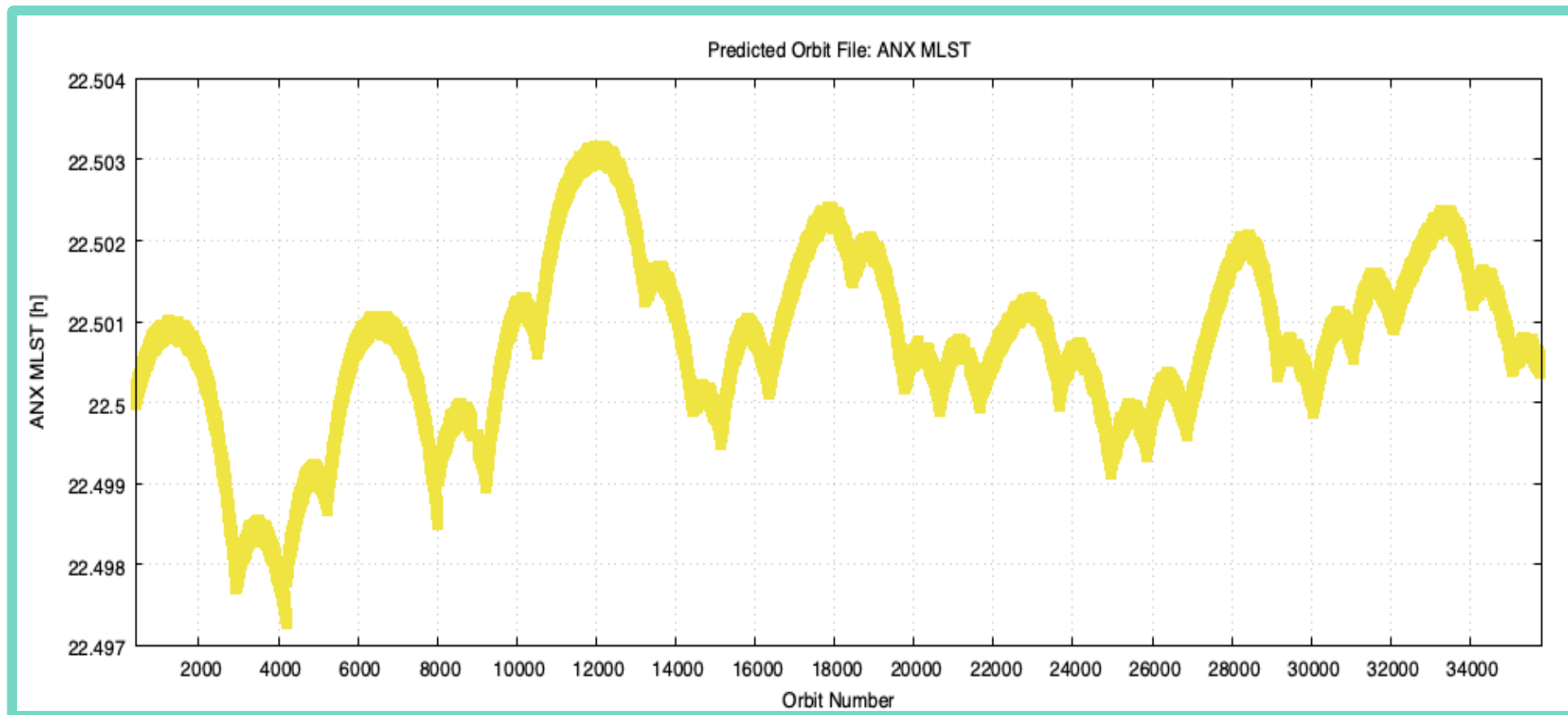
Evolution of Mean Inclination (Predicted Orbit Files)



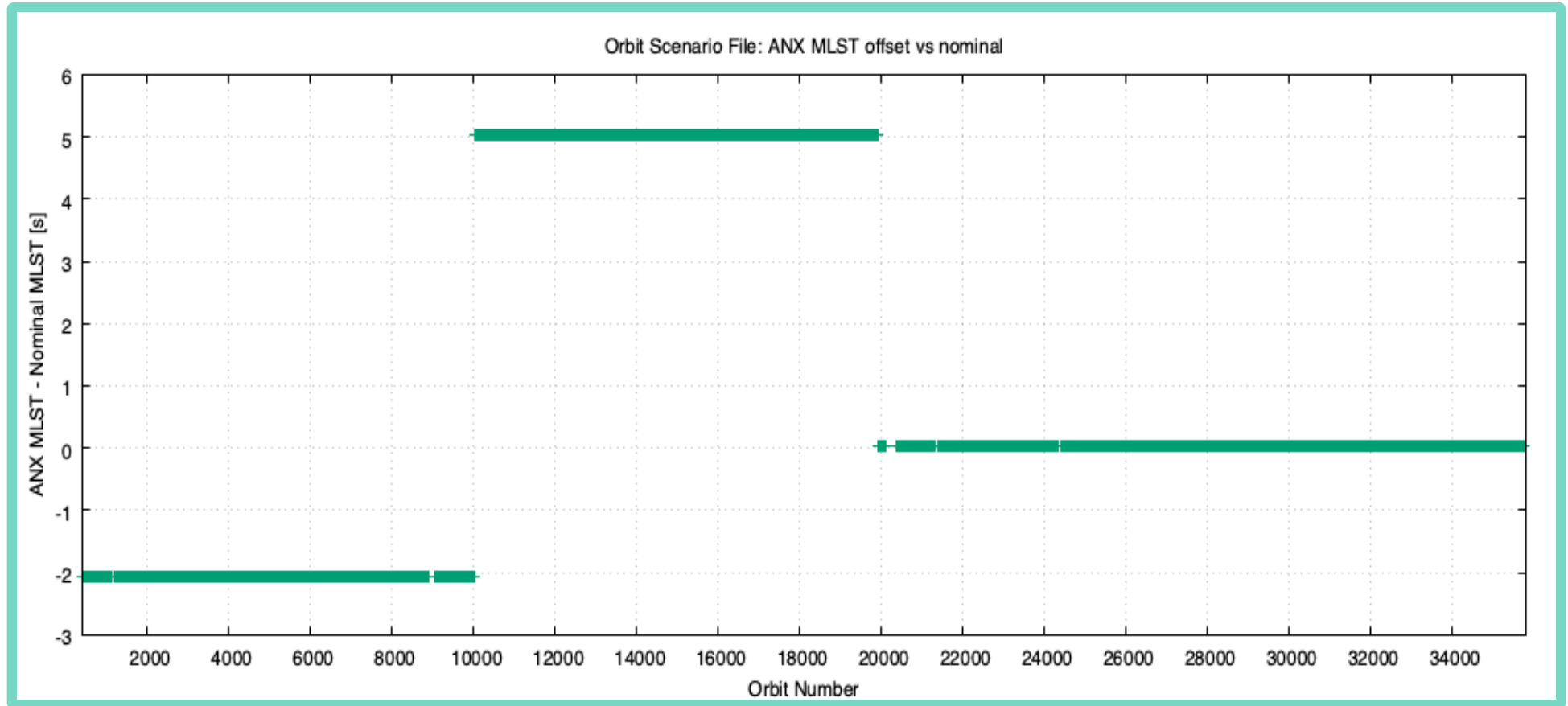
Evolution of ANX Mean Local Solar Time (Predicted Orbit File): Offset vs Nominal ANX MLST



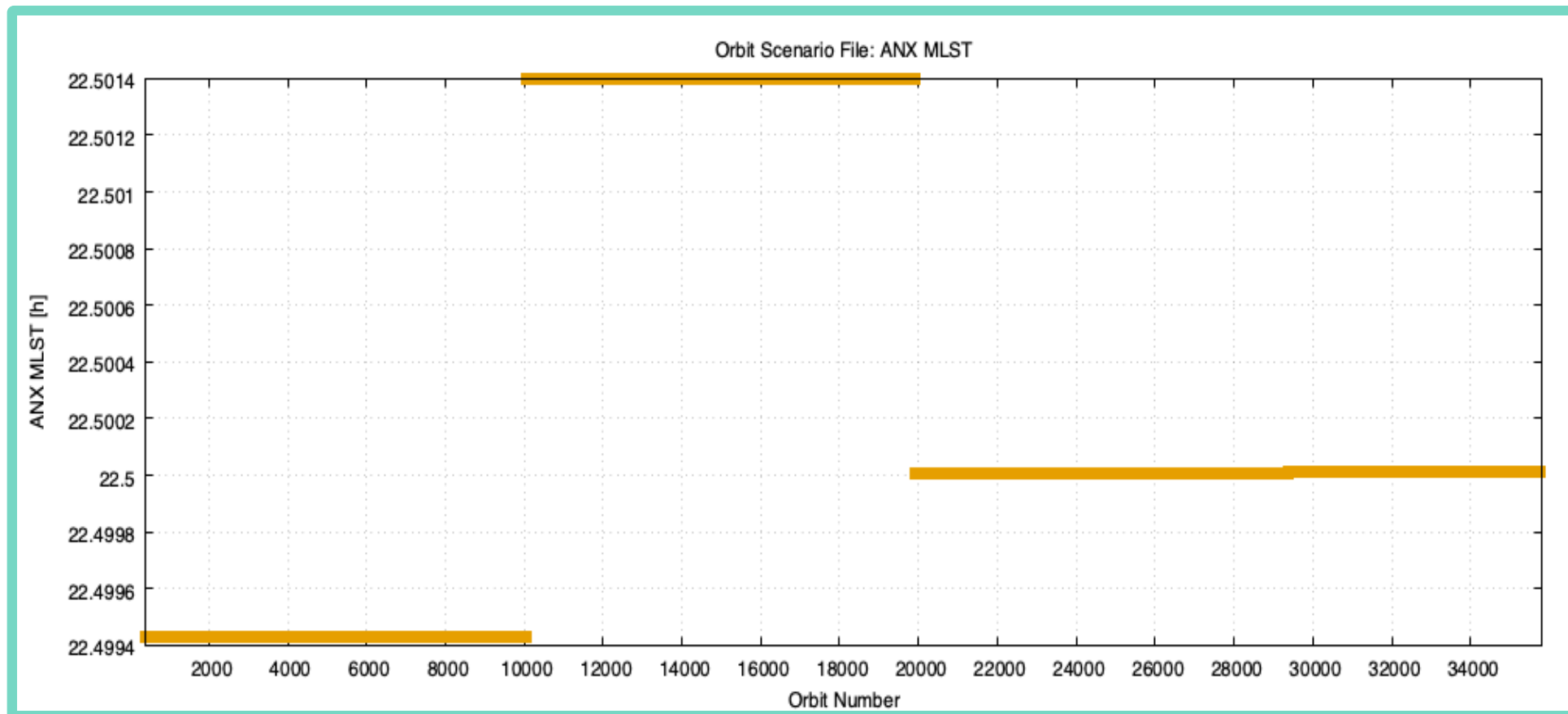
Evolution of ANX Mean Local Solar Time (Predicted Orbit File): ANX MLST



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

