

SENTINEL3B Orbit Monitoring Report

Orbit Scenario File vs Predicted Orbit Files

Report Generation Date: 2020-11-04T12:00:00

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

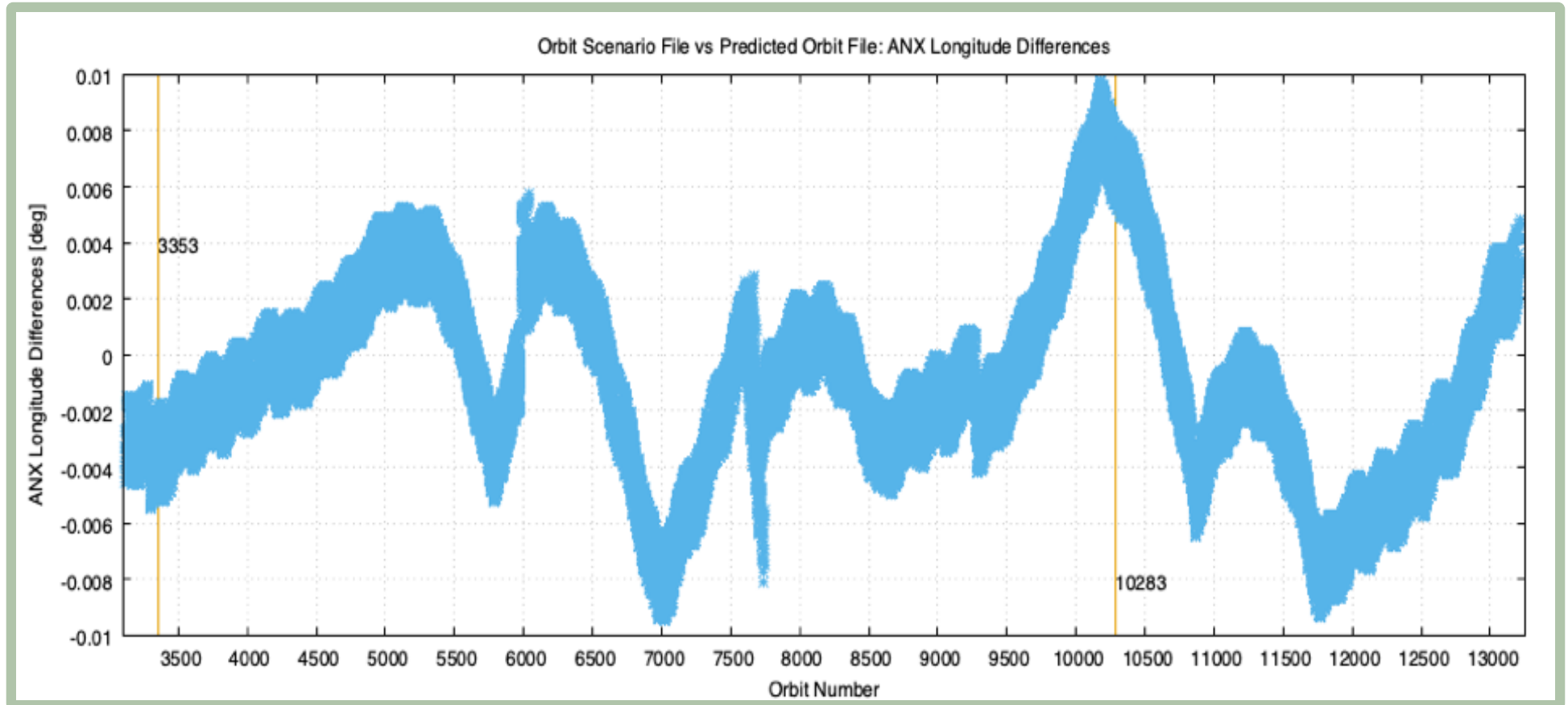
Orbit Scenario File

Filename	S3B_TEST_MPL_ORBSCT_20180425T191855_99999999T999999_0007.EOF
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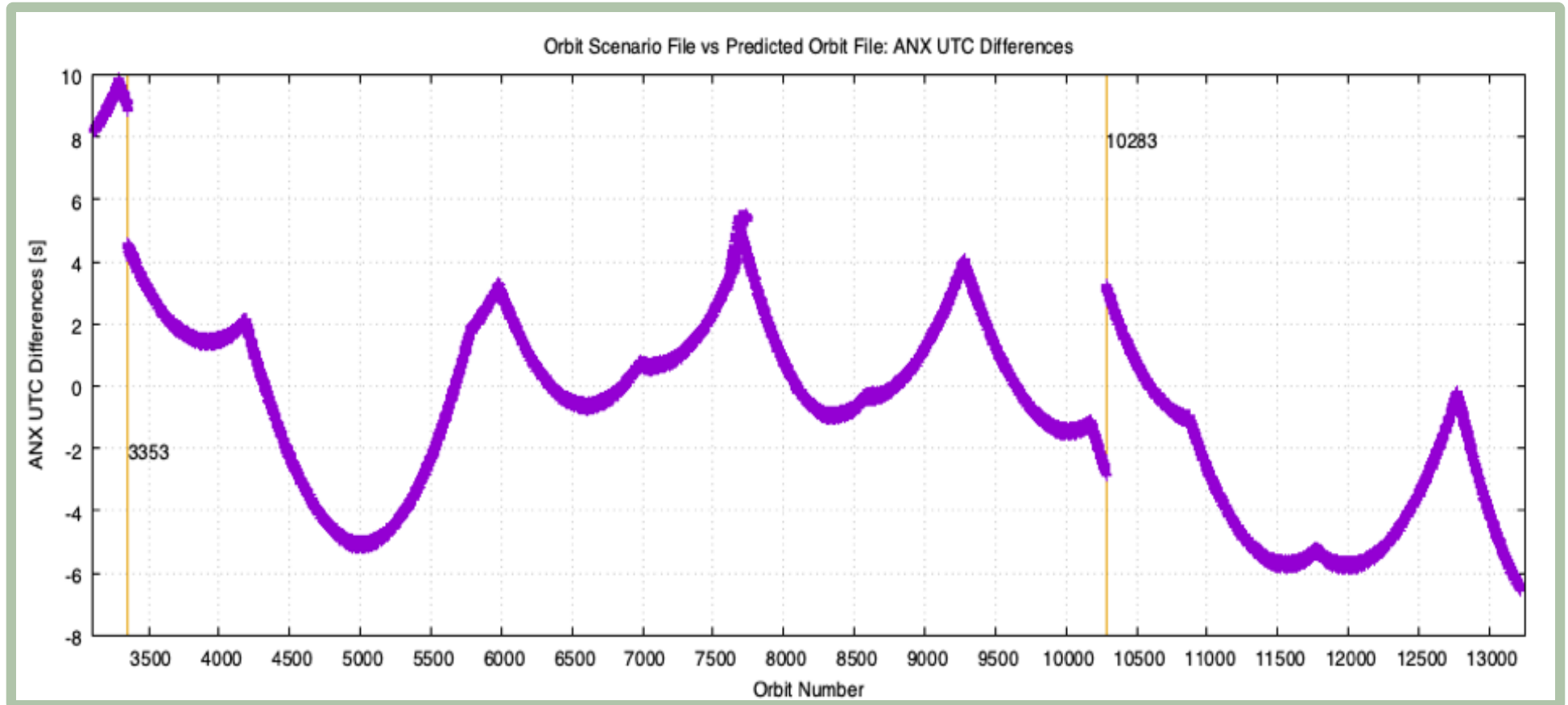
Reported Time Interval

Begin UTC Time	2018-11-30T00:21:17.497176
Begin Absolute Orbit	3112
End UTC Time	2020-11-07T22:59:16.621712
End Absolute Orbit	13221

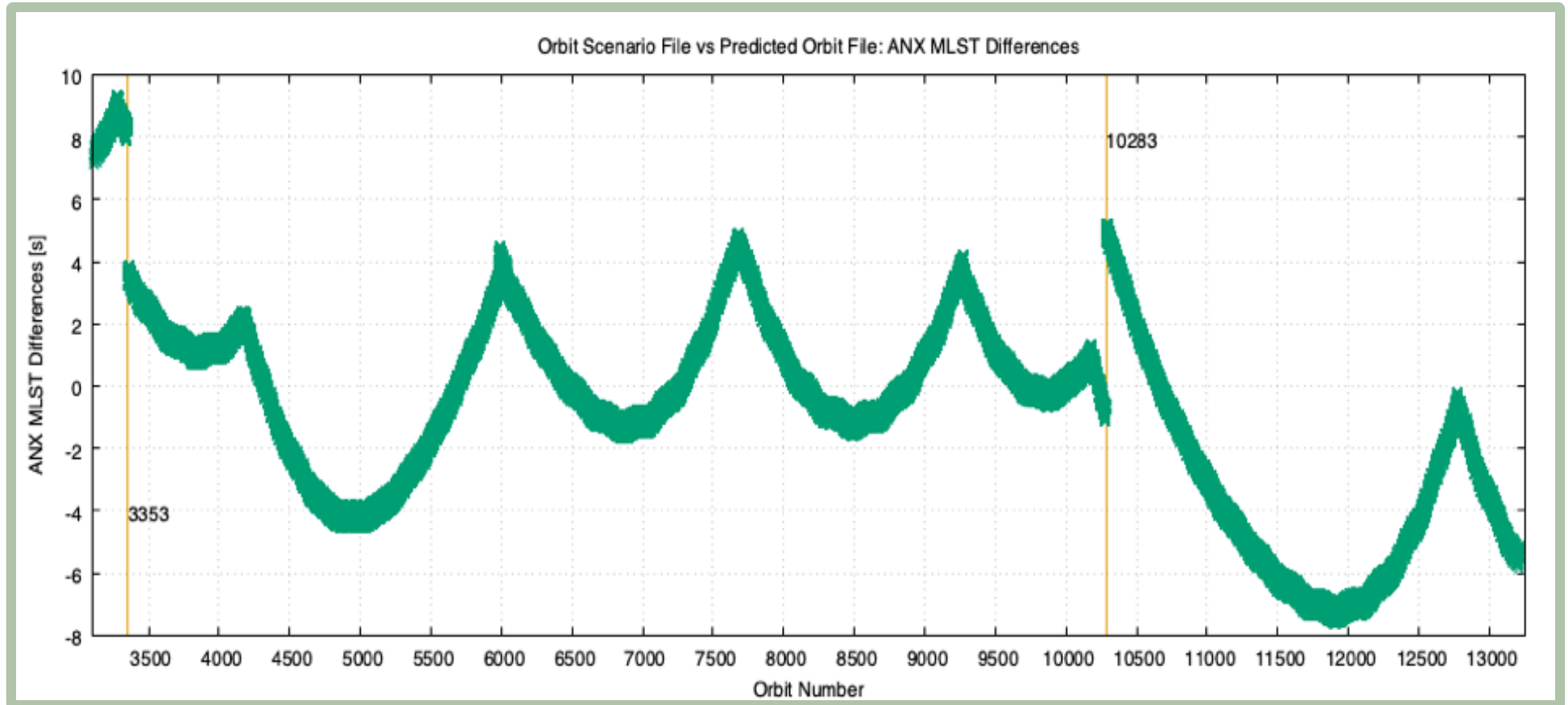
Differences in ANX Longitude



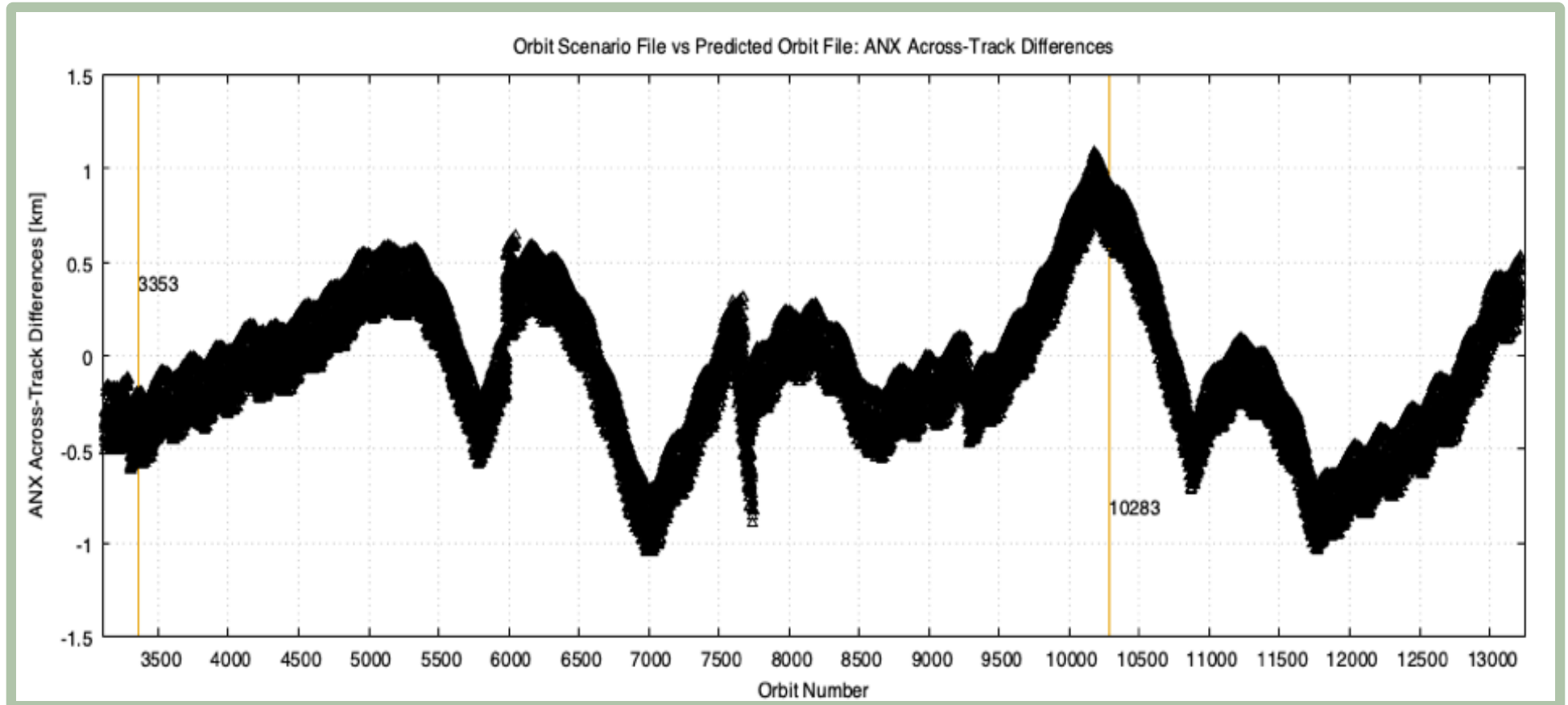
Differences in ANX UTC Time



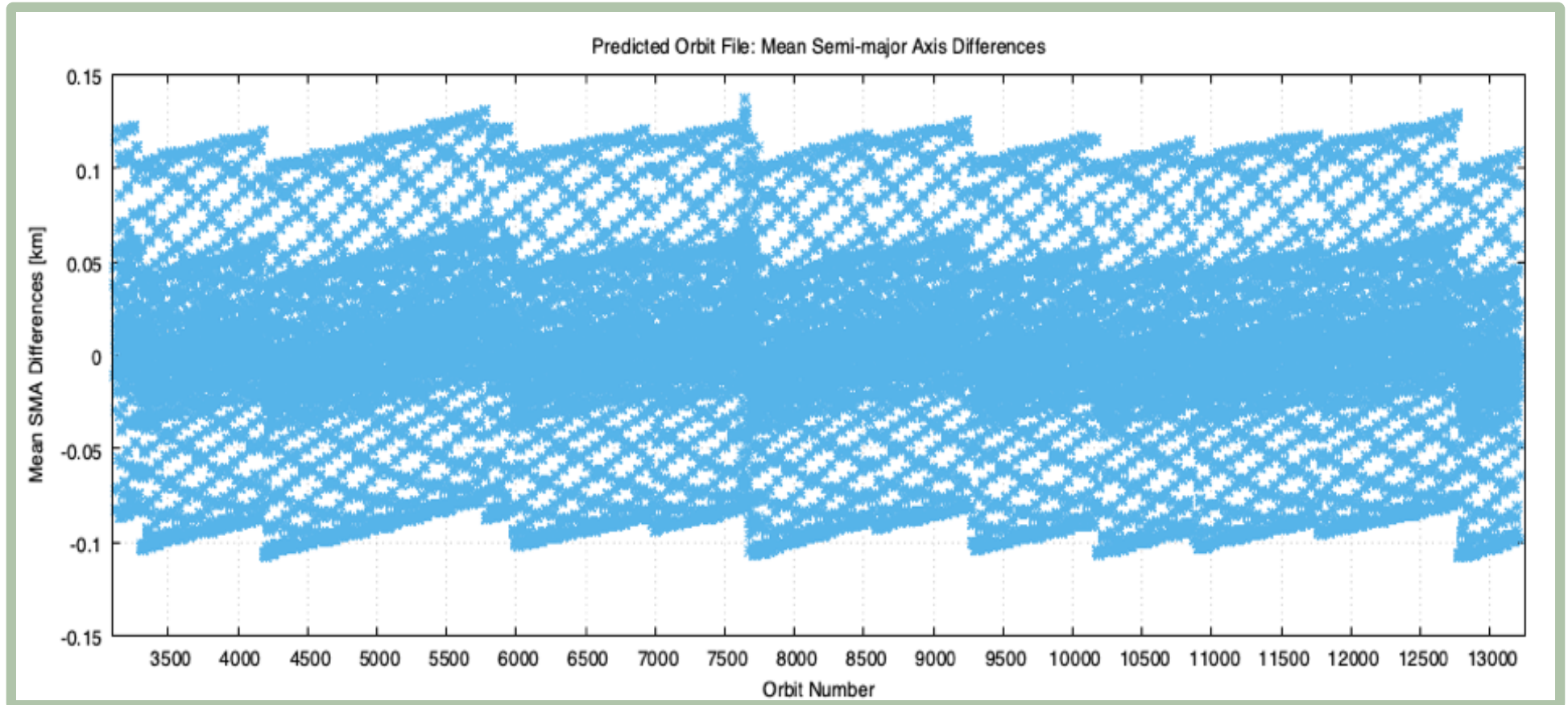
Differences in ANX Mean Local Solar Time



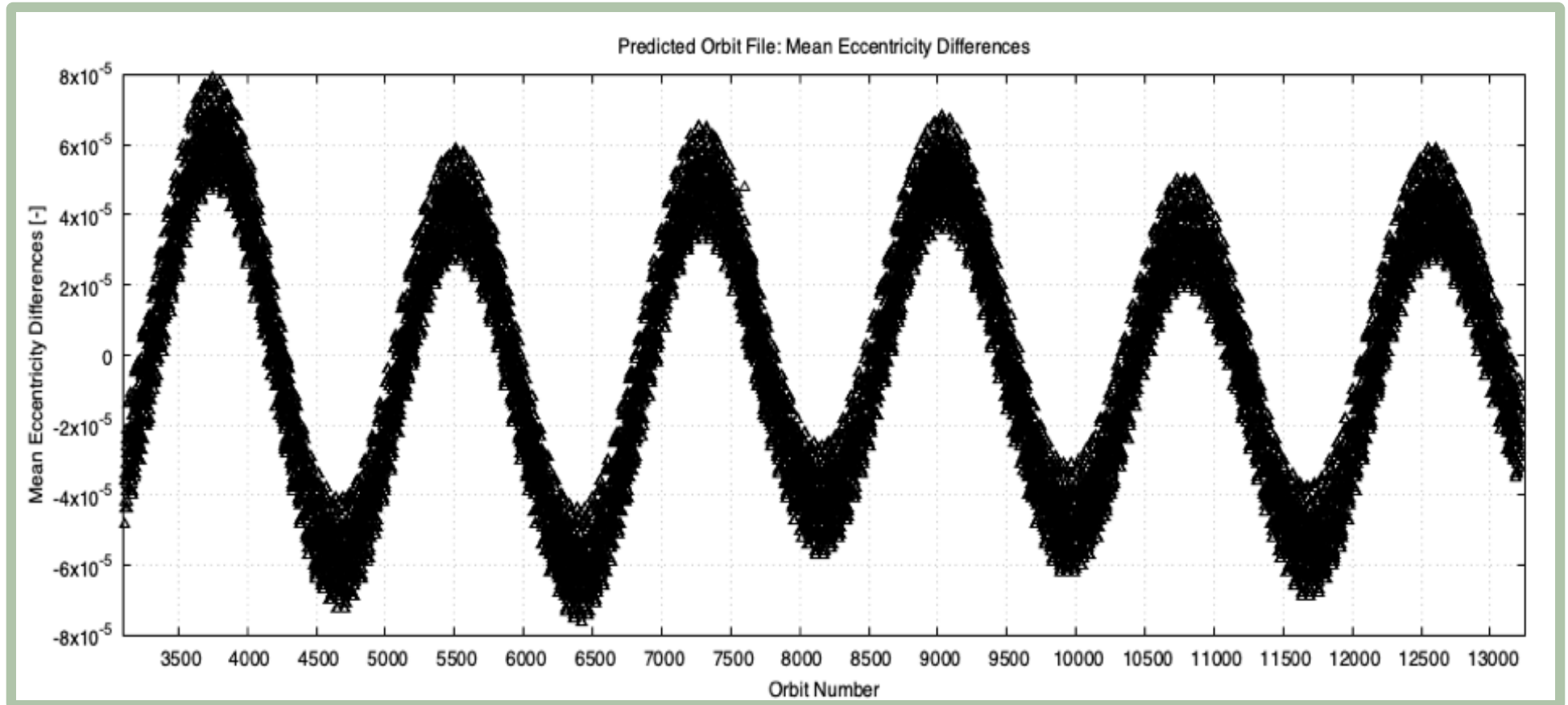
Differences in ANX Across-track



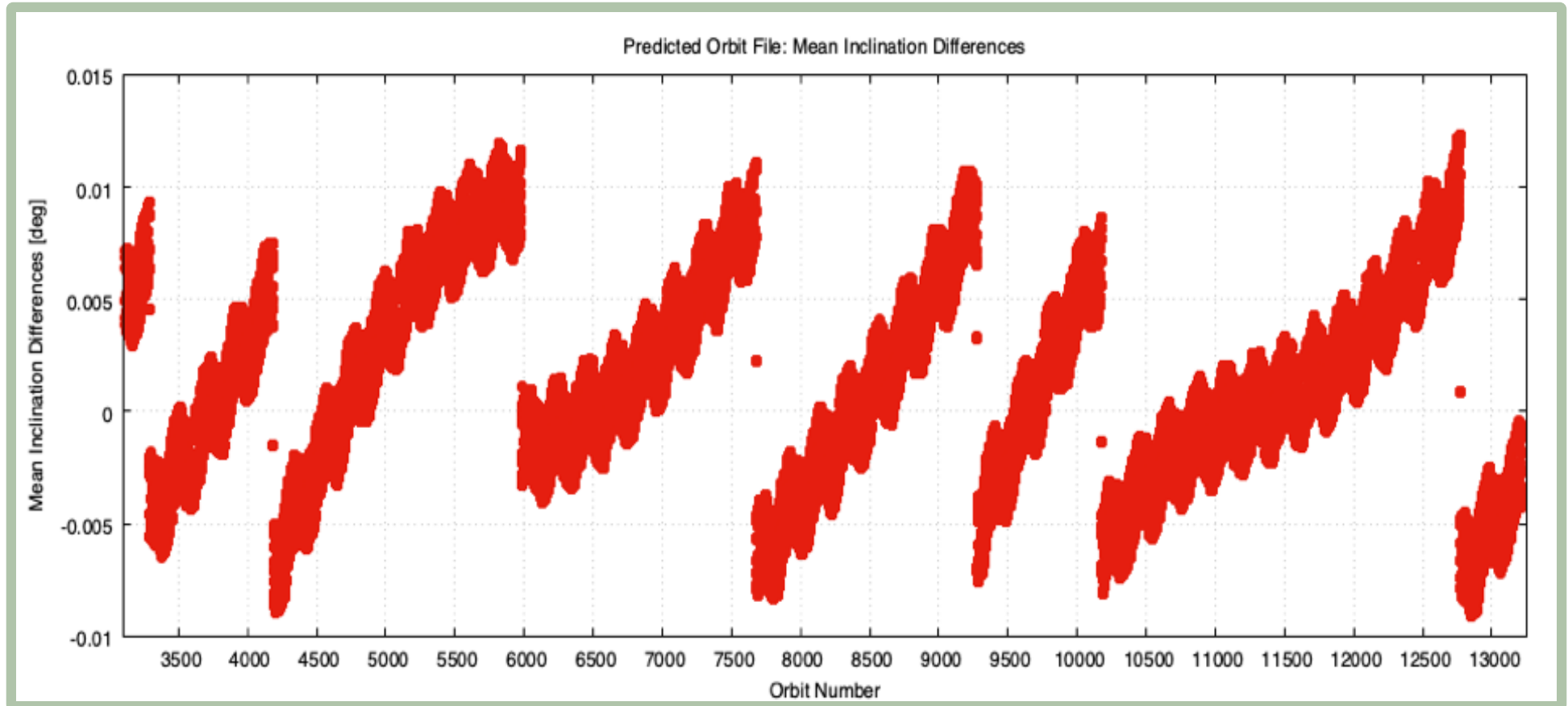
Differences in Mean Semi-major Axis



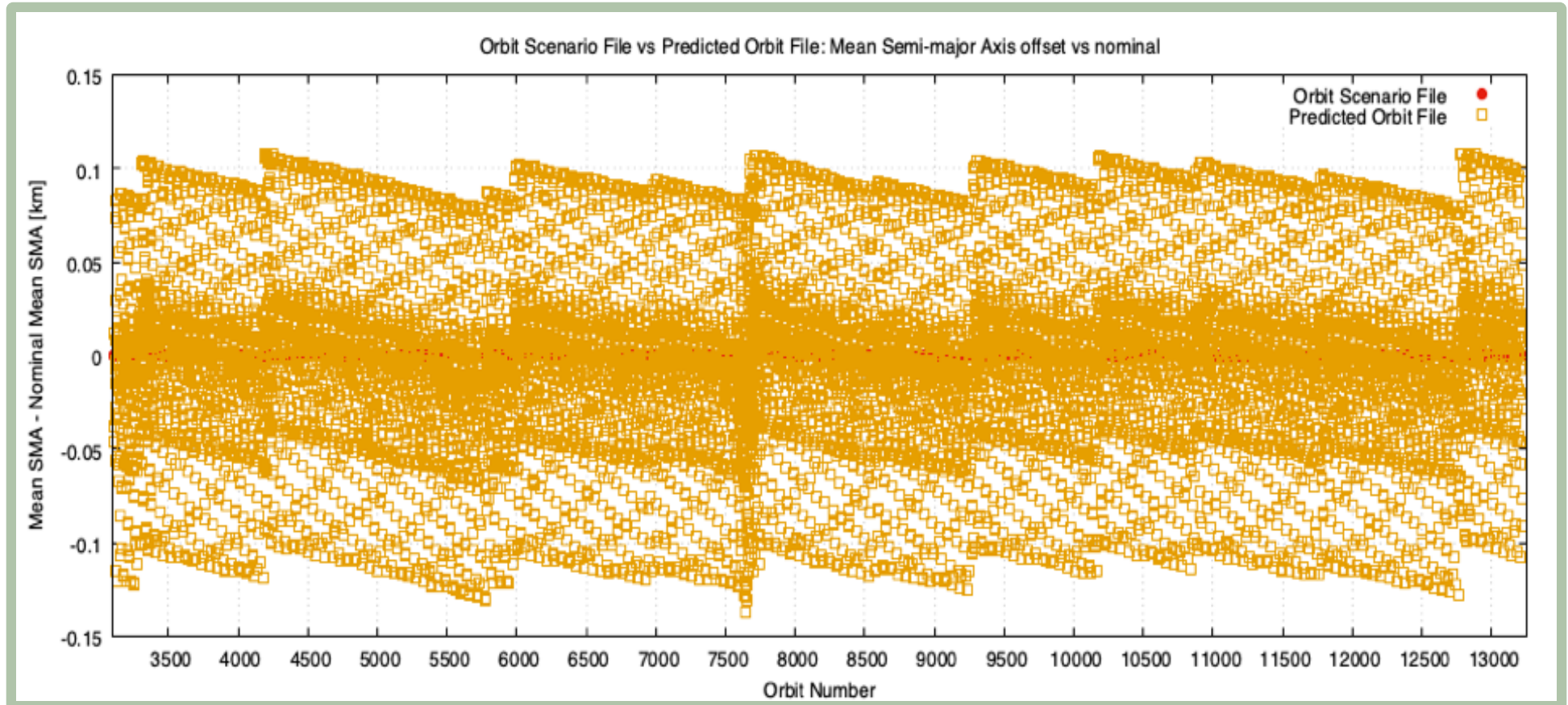
Differences in Eccentricity



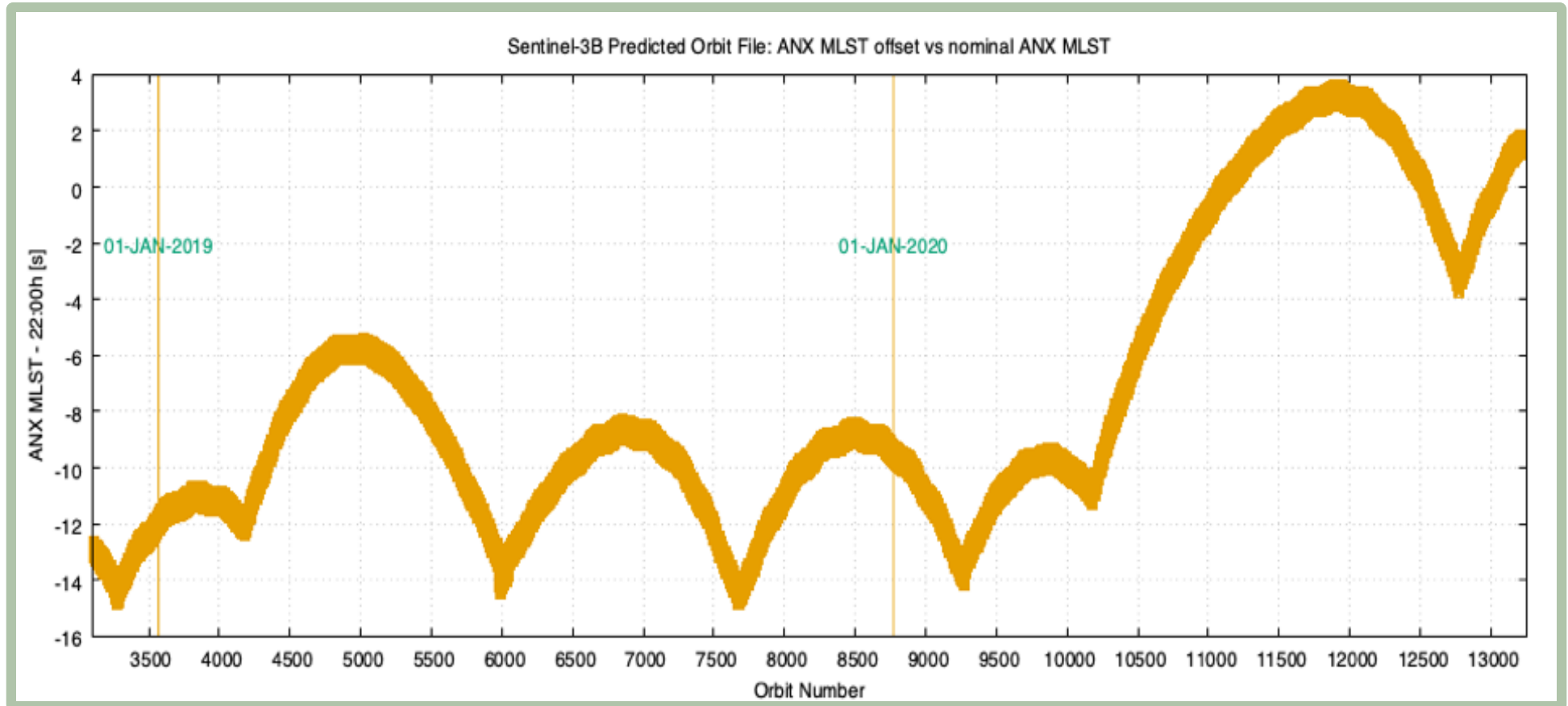
Differences in Mean Inclination



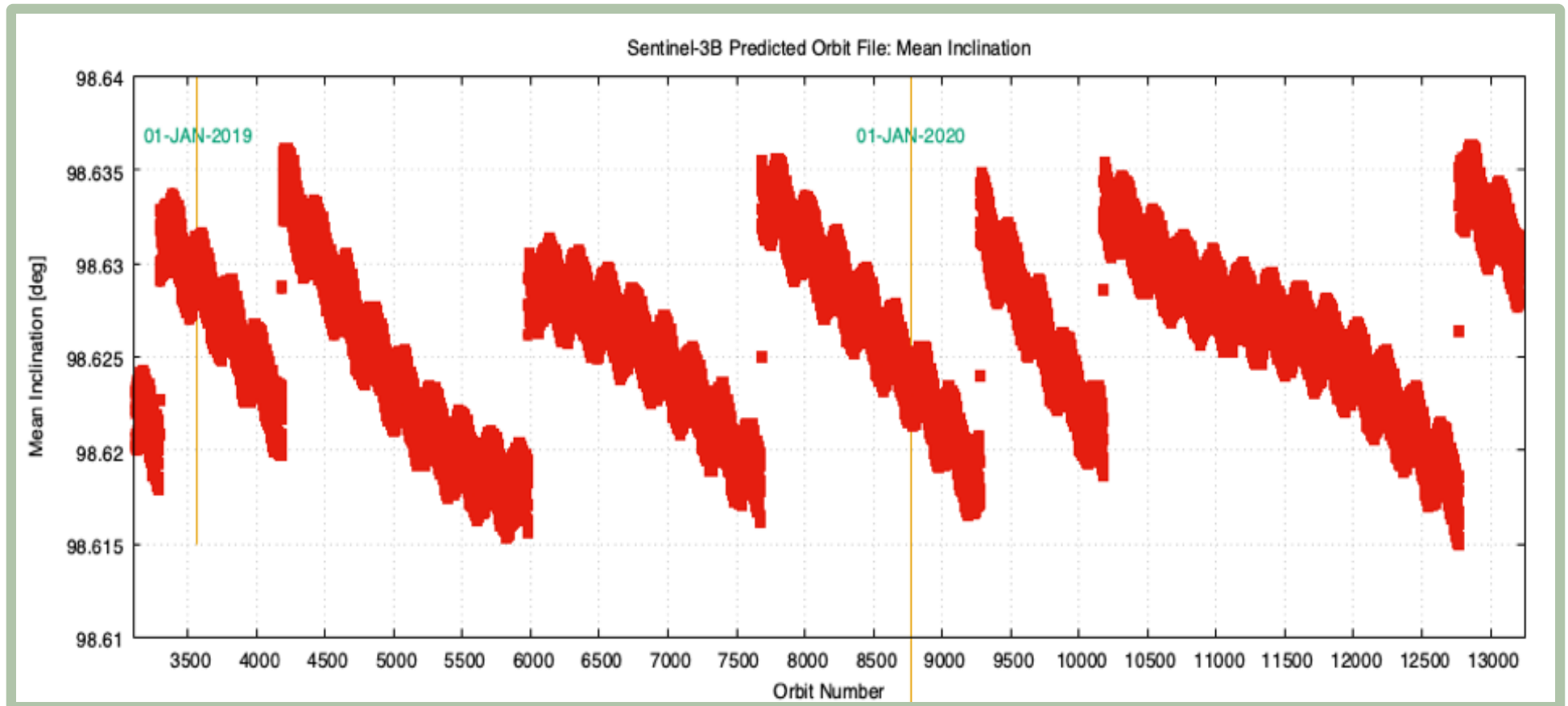
Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



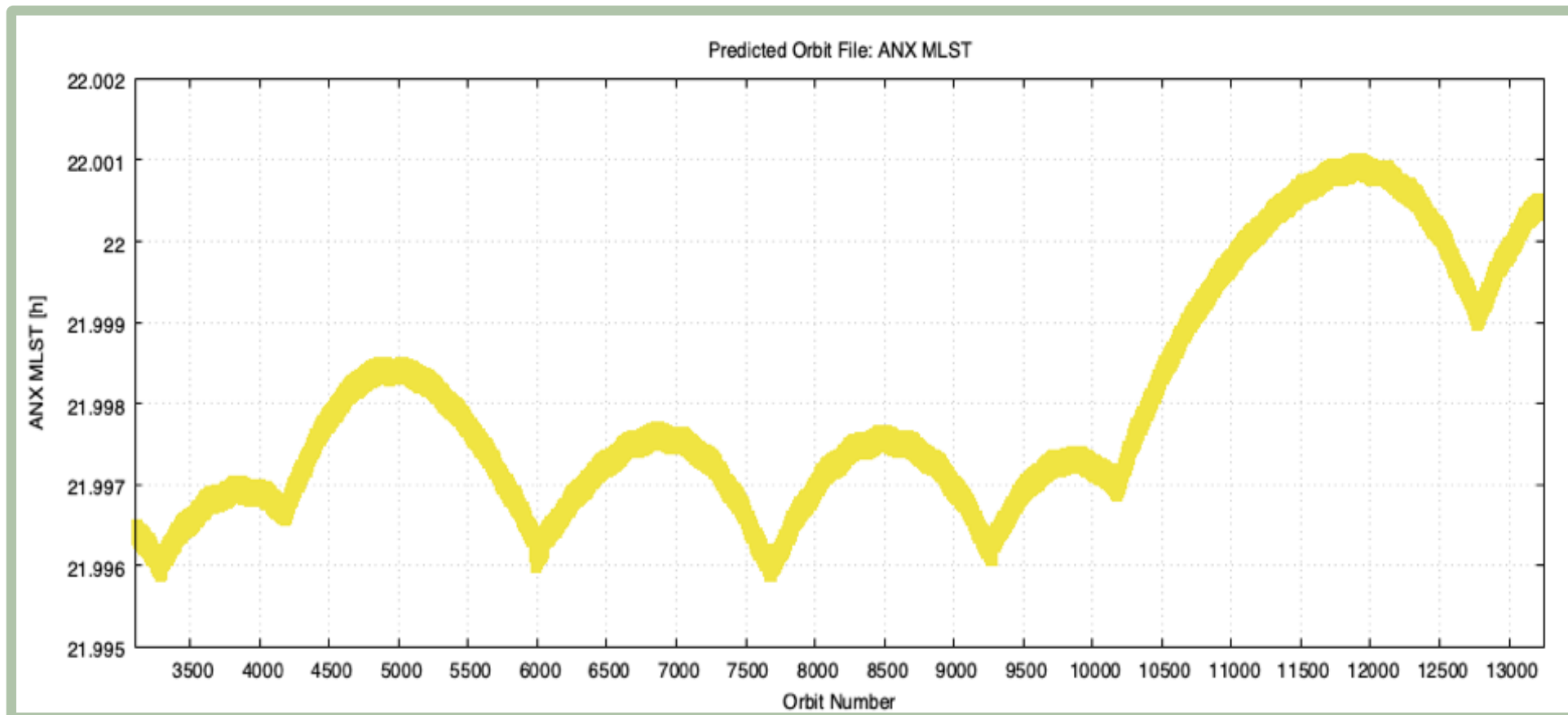
Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): Offset vs Nominal ANX MLST



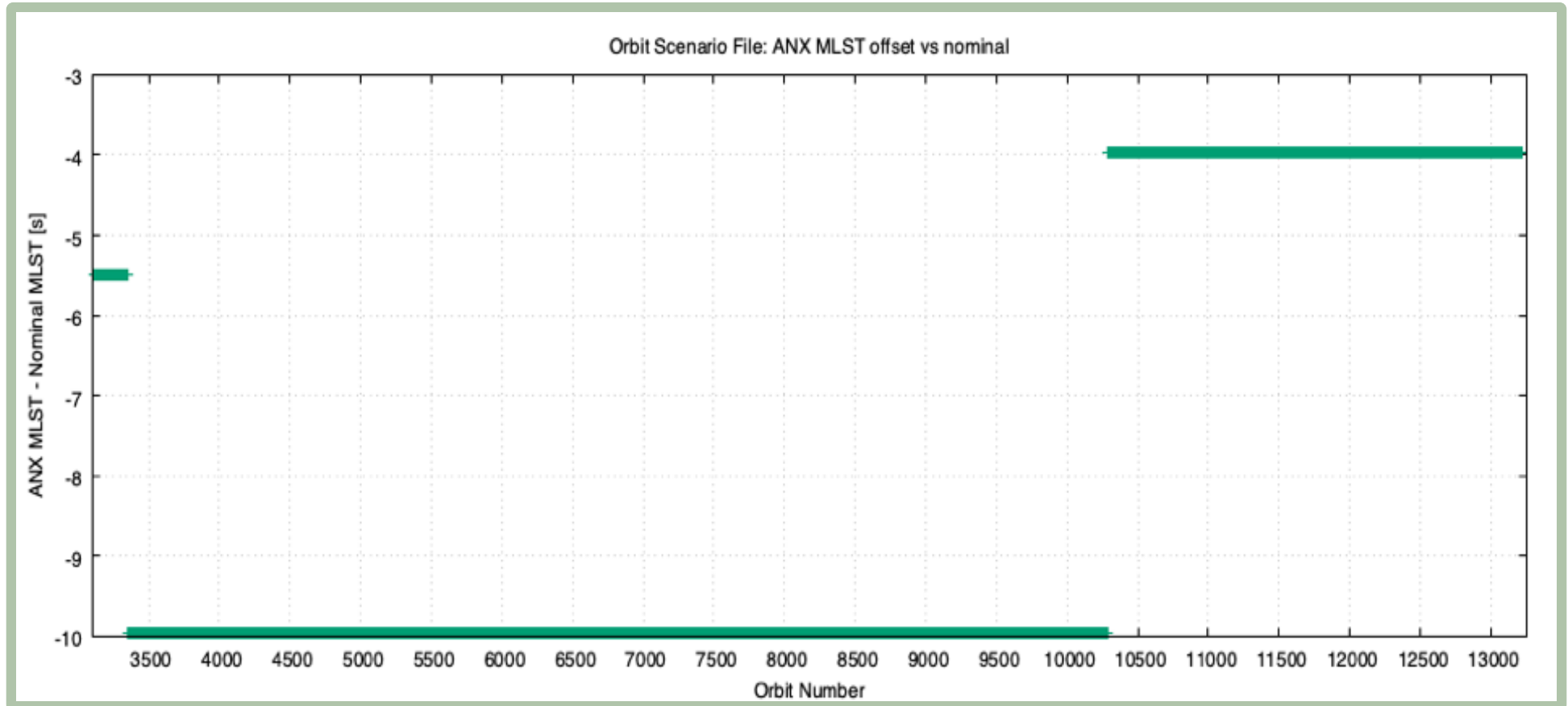
Evolution of Mean Inclination (Predicted Orbit Files)



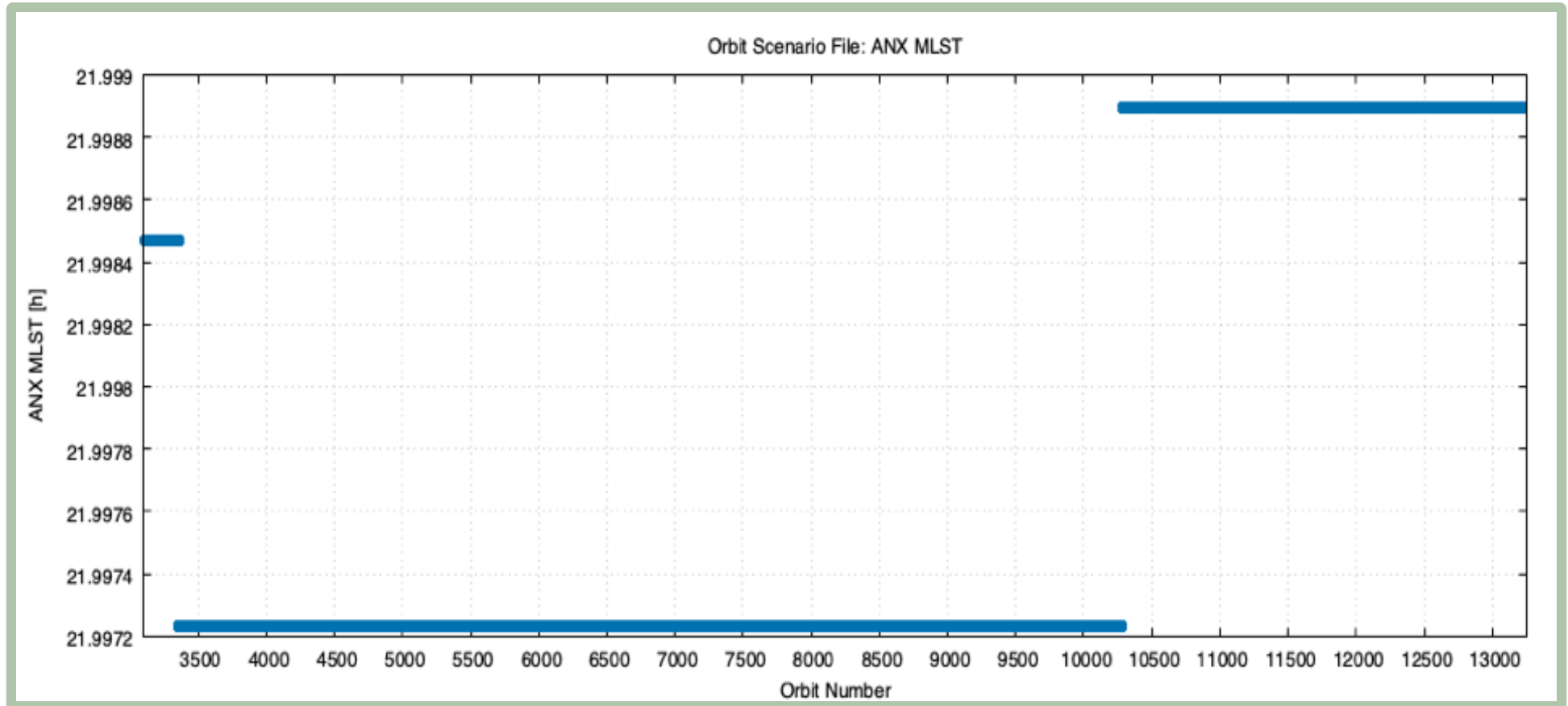
Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): ANX MLST



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

