

SENTINEL3B Orbit Monitoring Report

Orbit Scenario File vs Predicted Orbit Files

Report Generation Date: 2024-02-23T10:00:00

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

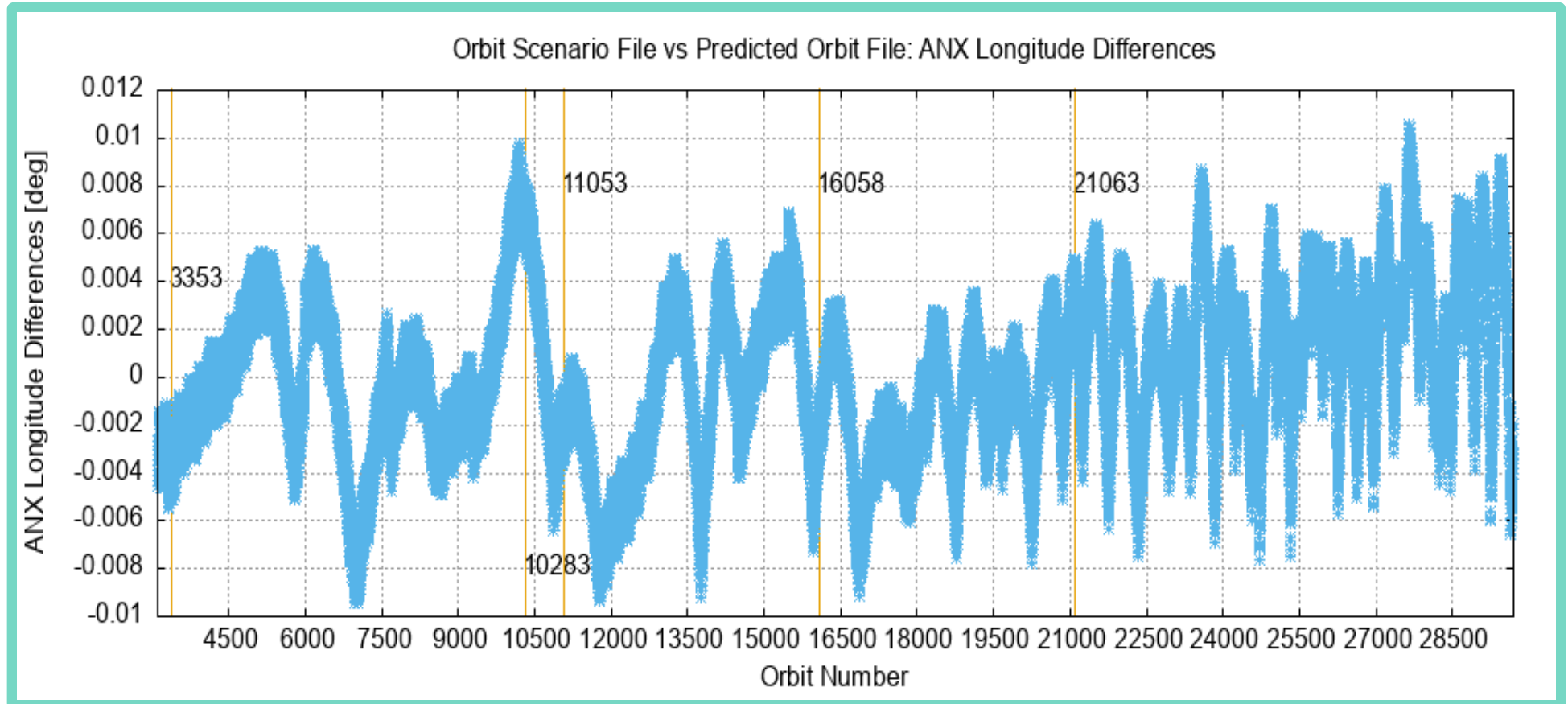
Orbit Scenario File

| | |
|-----------------|--|
| Filename | S3B_OPER_MPL_ORBSCT_20180425T191855_99999999T999999_0010.EOF |
|-----------------|--|

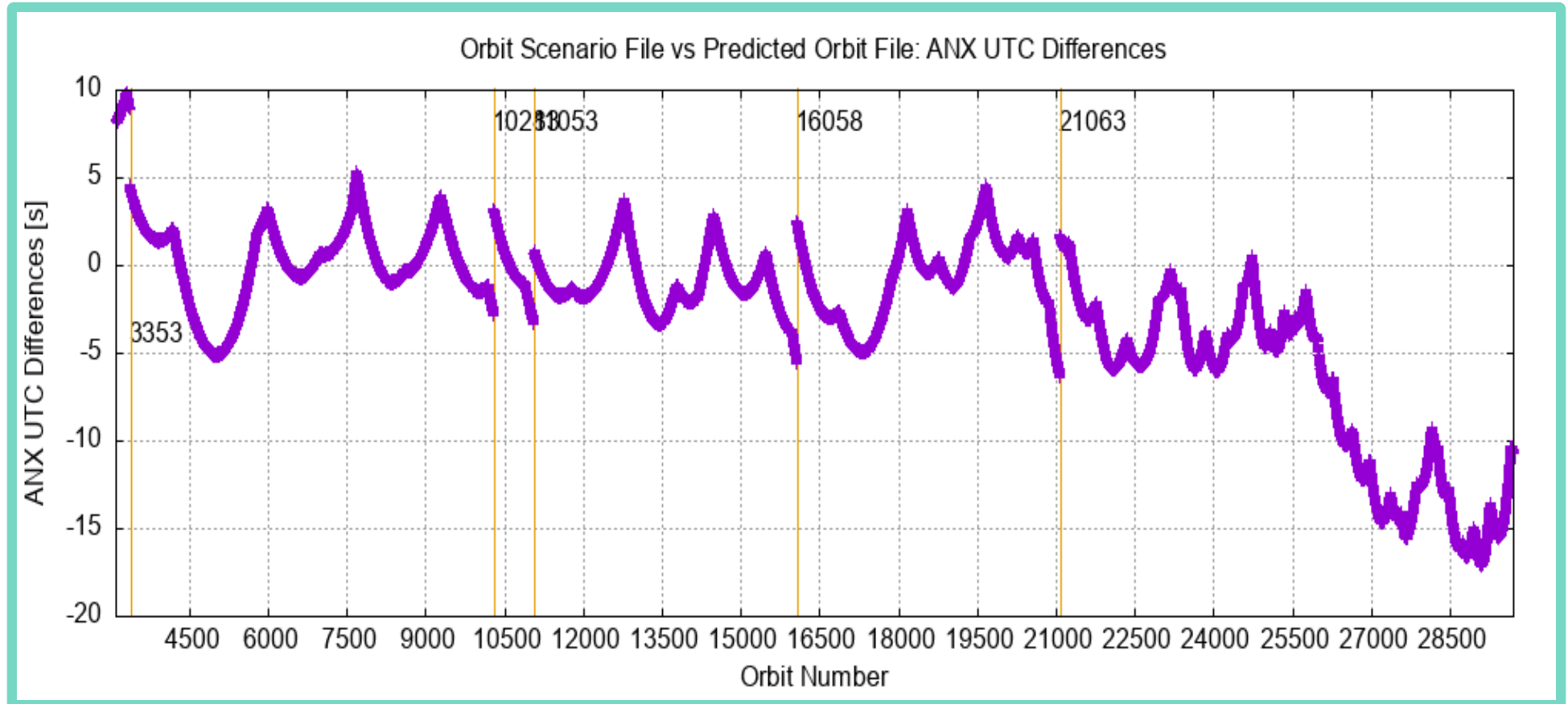
Reported Time Interval

| | |
|-----------------------------|----------------------------|
| Begin UTC Time | 2018-11-30T00:21:17.497176 |
| Begin Absolute Orbit | 3112 |
| End UTC Time | 2024-01-06T23:55:46.886773 |
| End Absolute Orbit | 29691 |

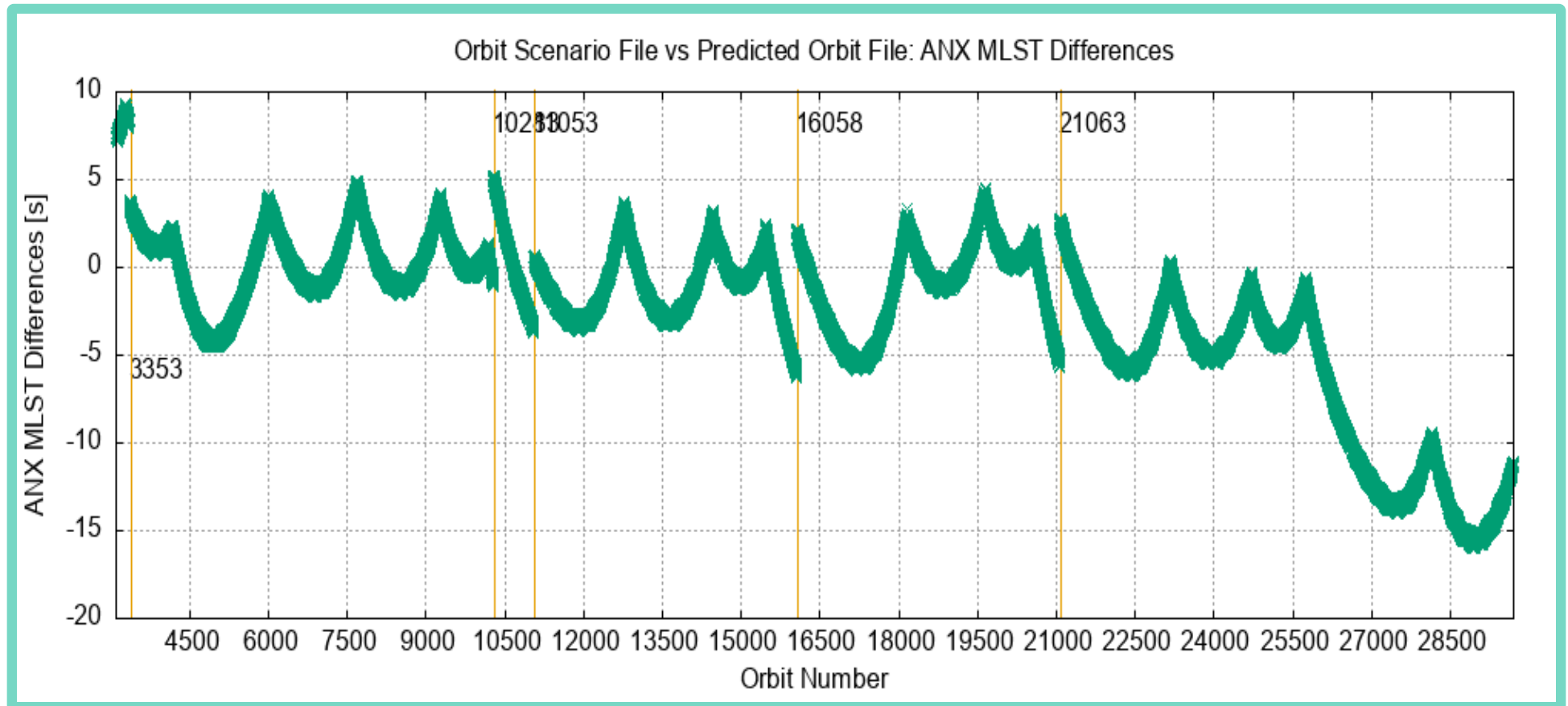
Differences in ANX Longitude



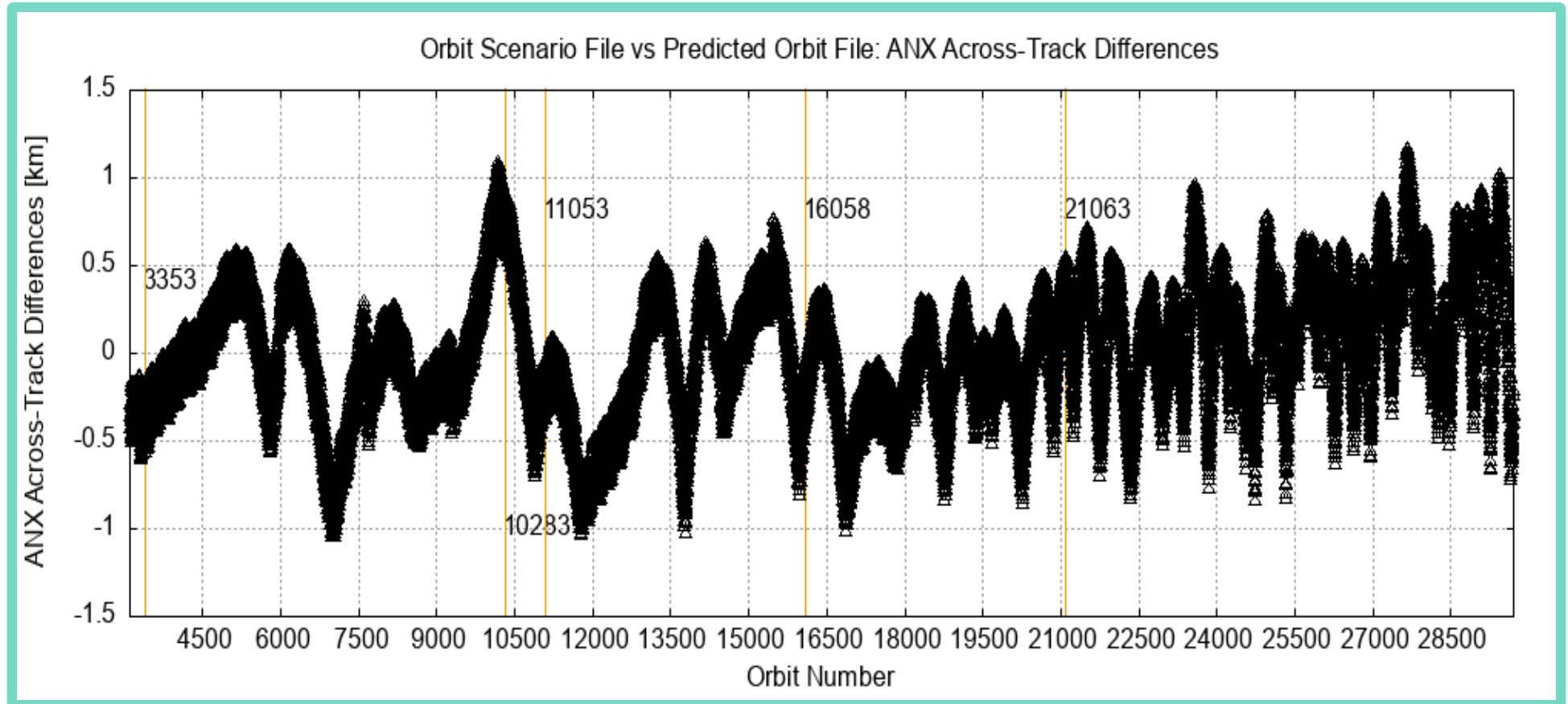
Differences in ANX UTC Time



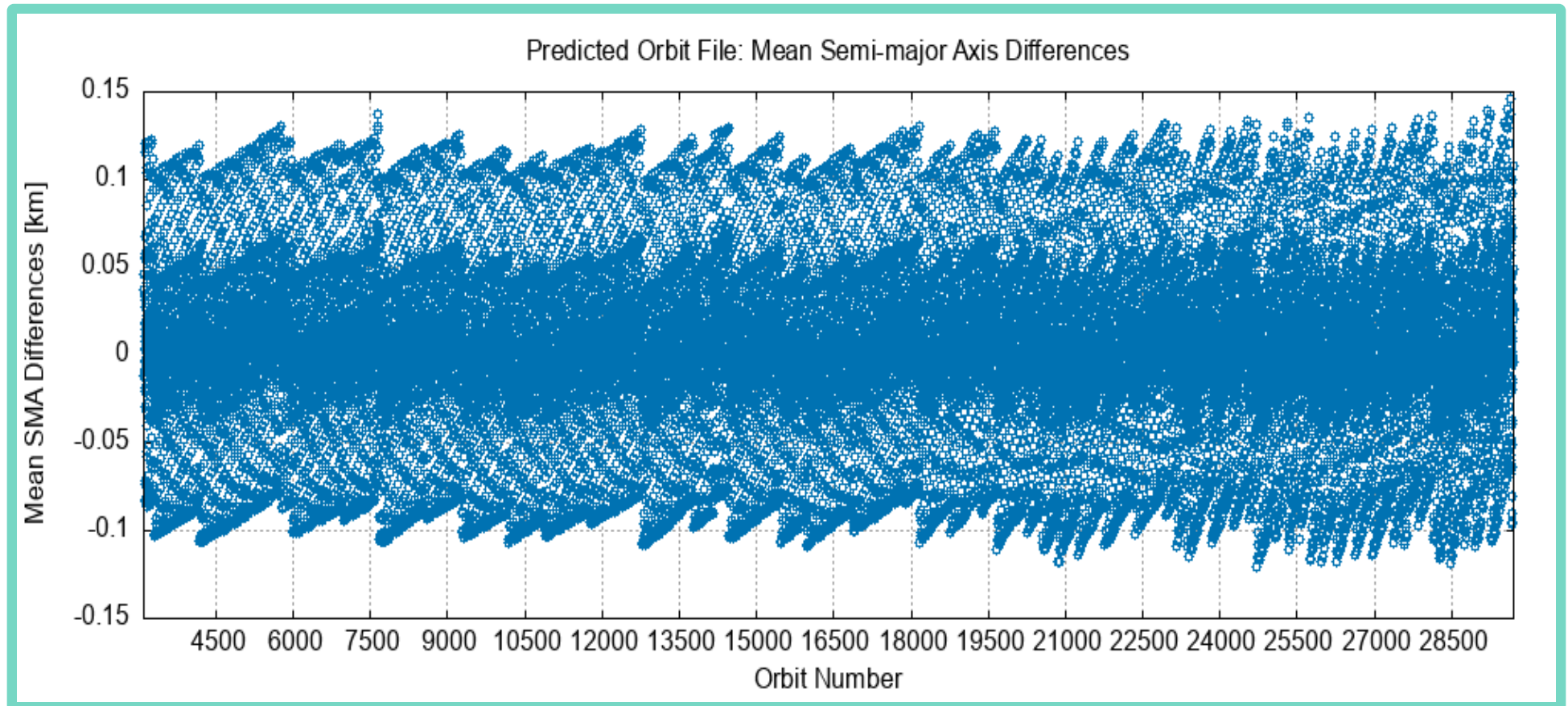
Differences in ANX Mean Local Solar Time



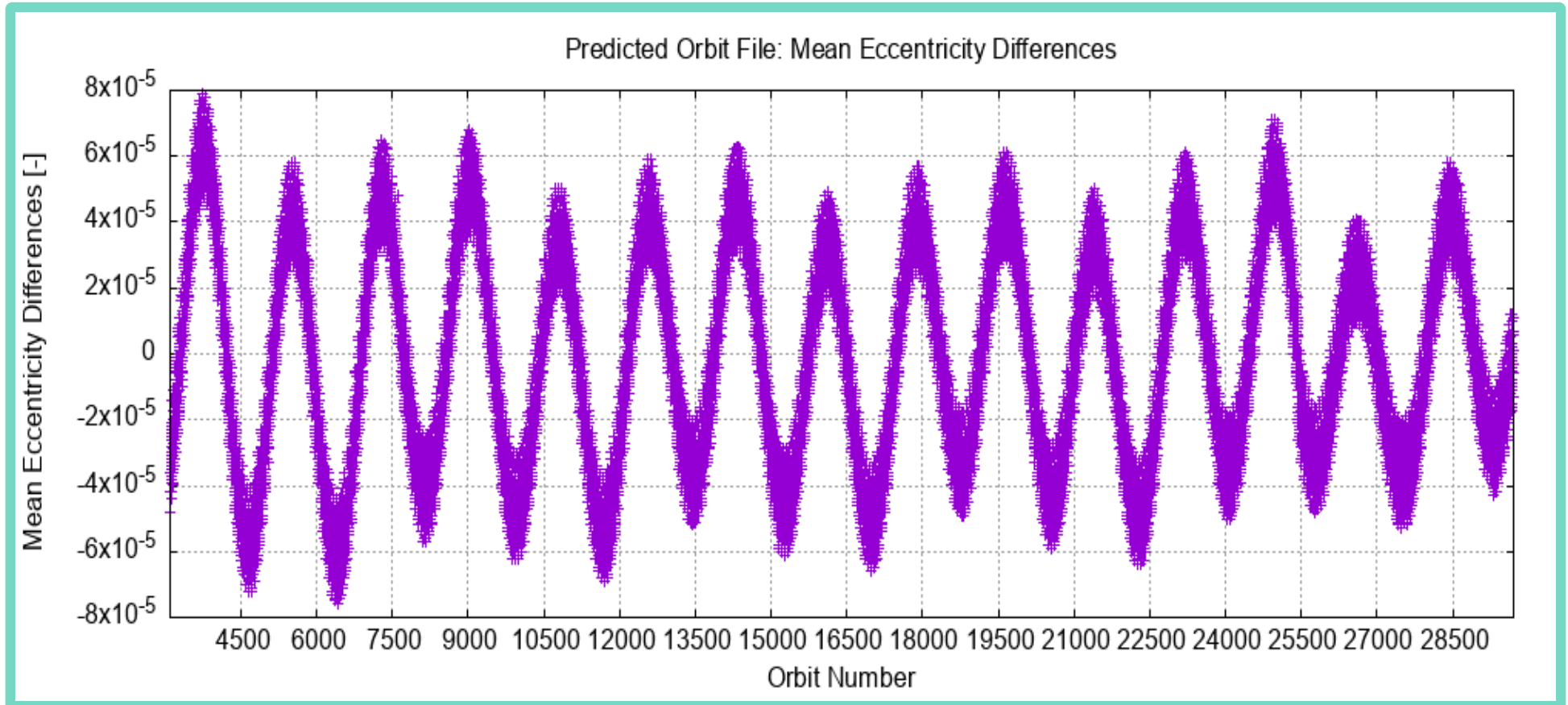
Differences in ANX Across-track



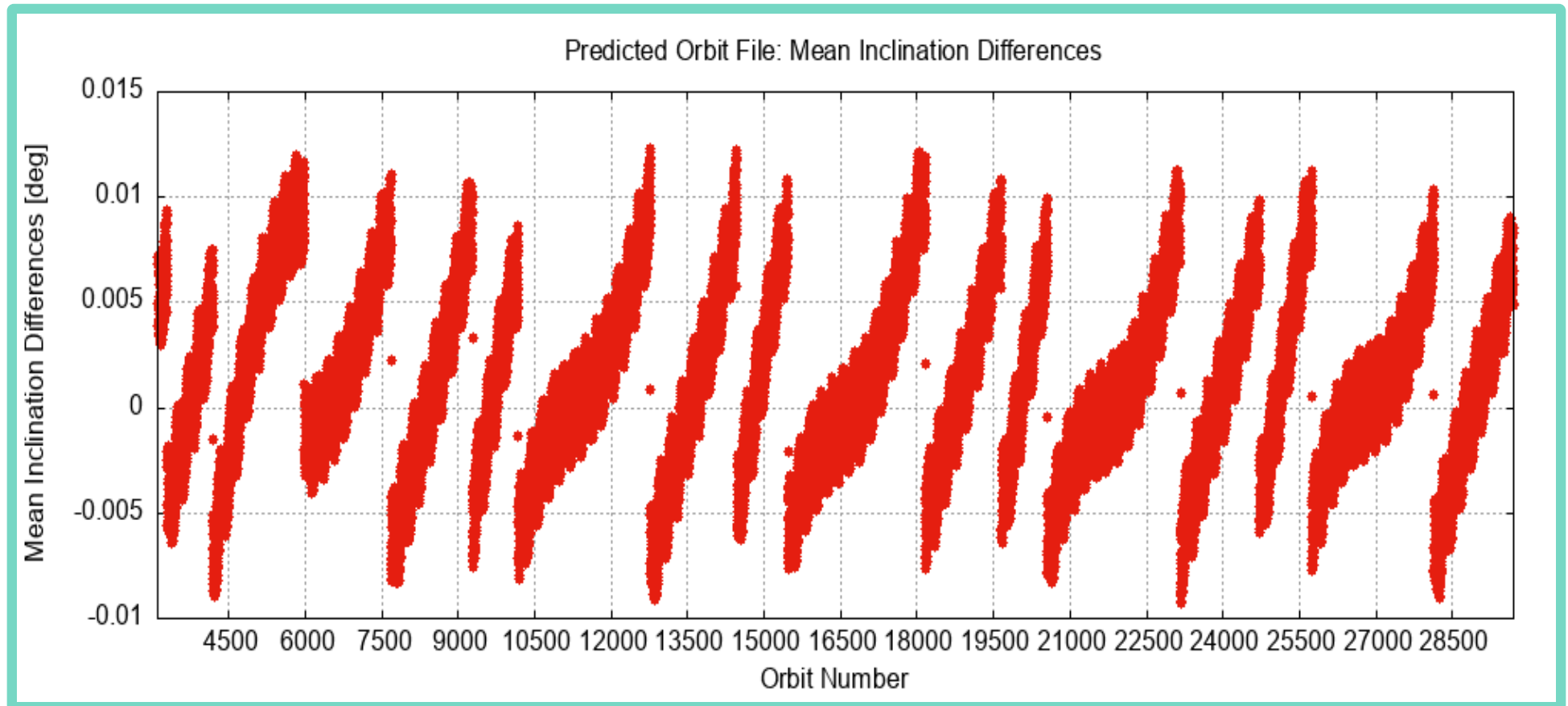
Differences in Mean Semi-major Axis



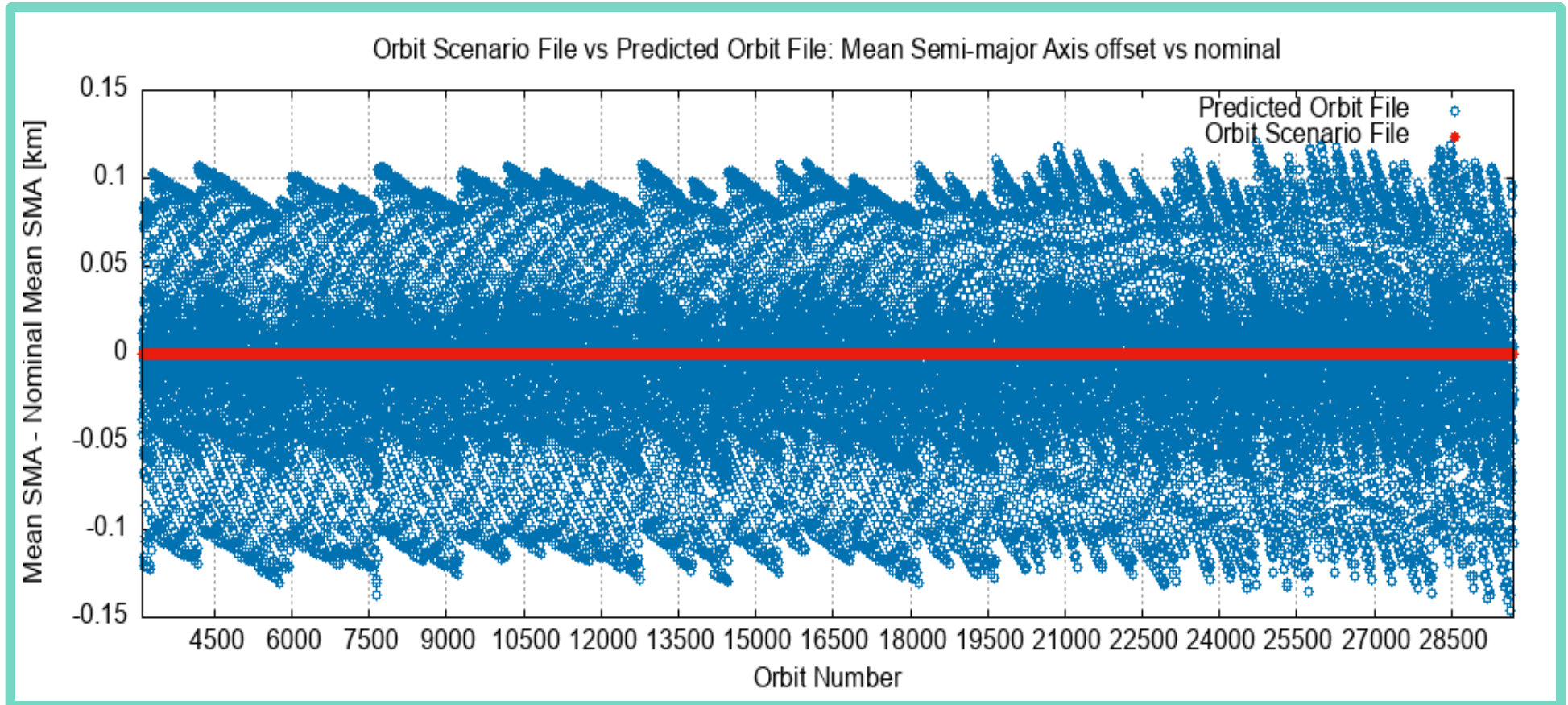
Differences in Eccentricity



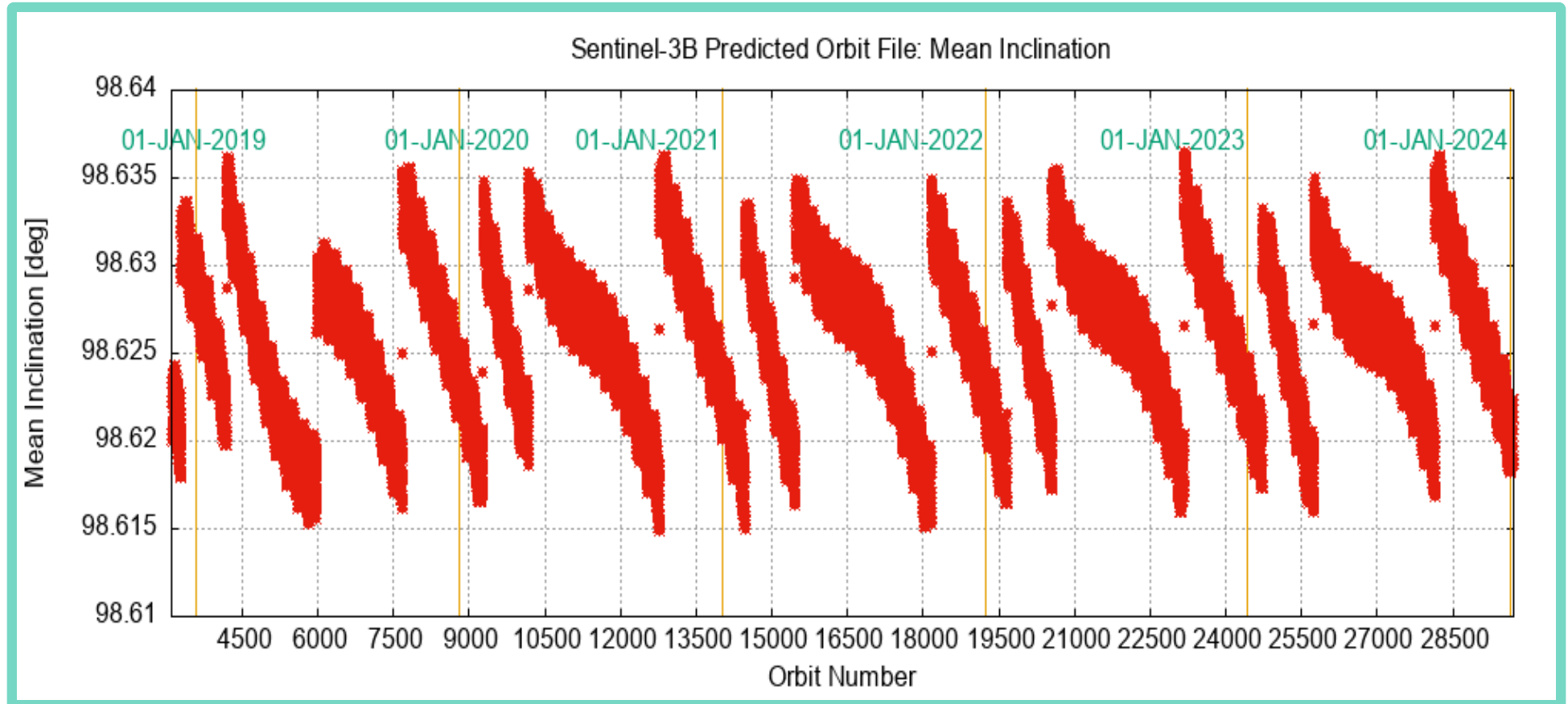
Differences in Mean Inclination



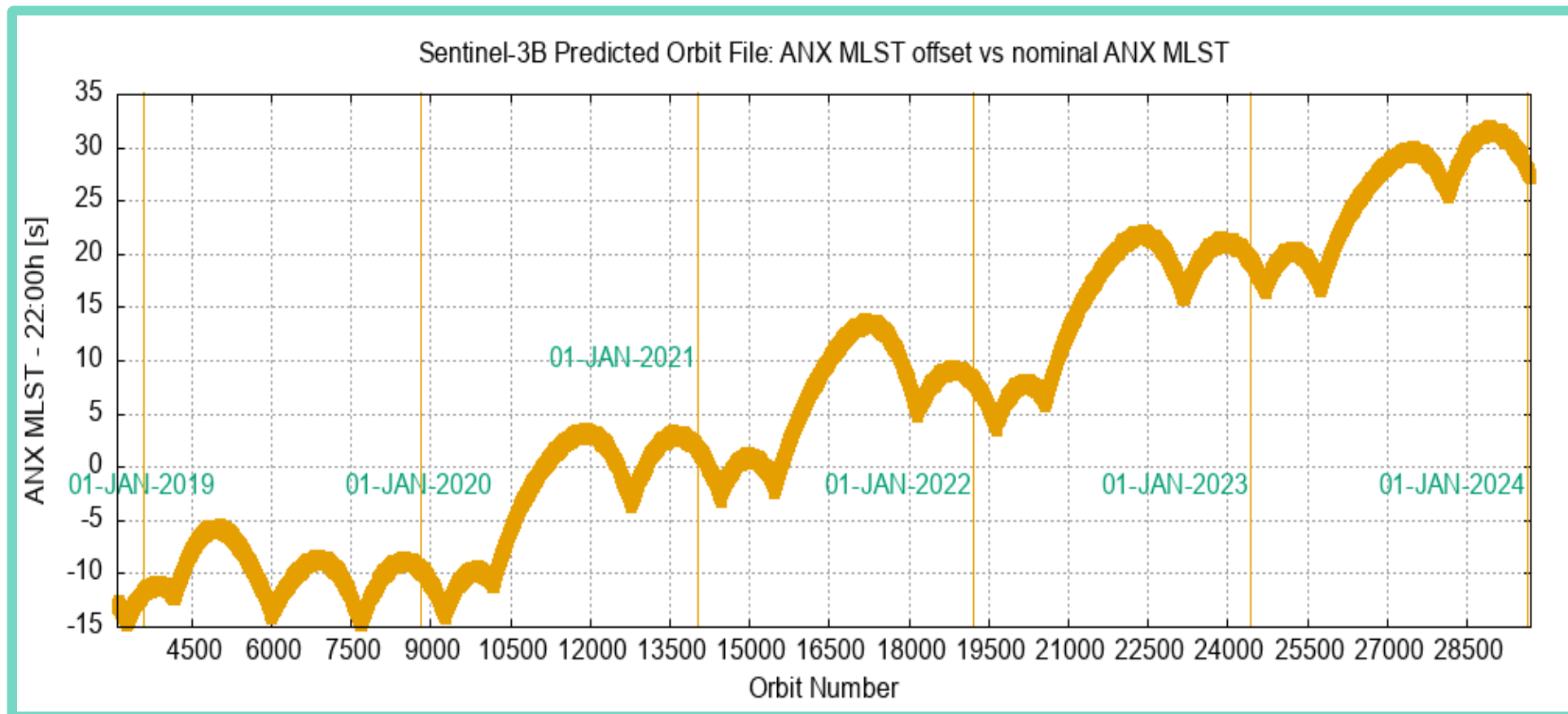
Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



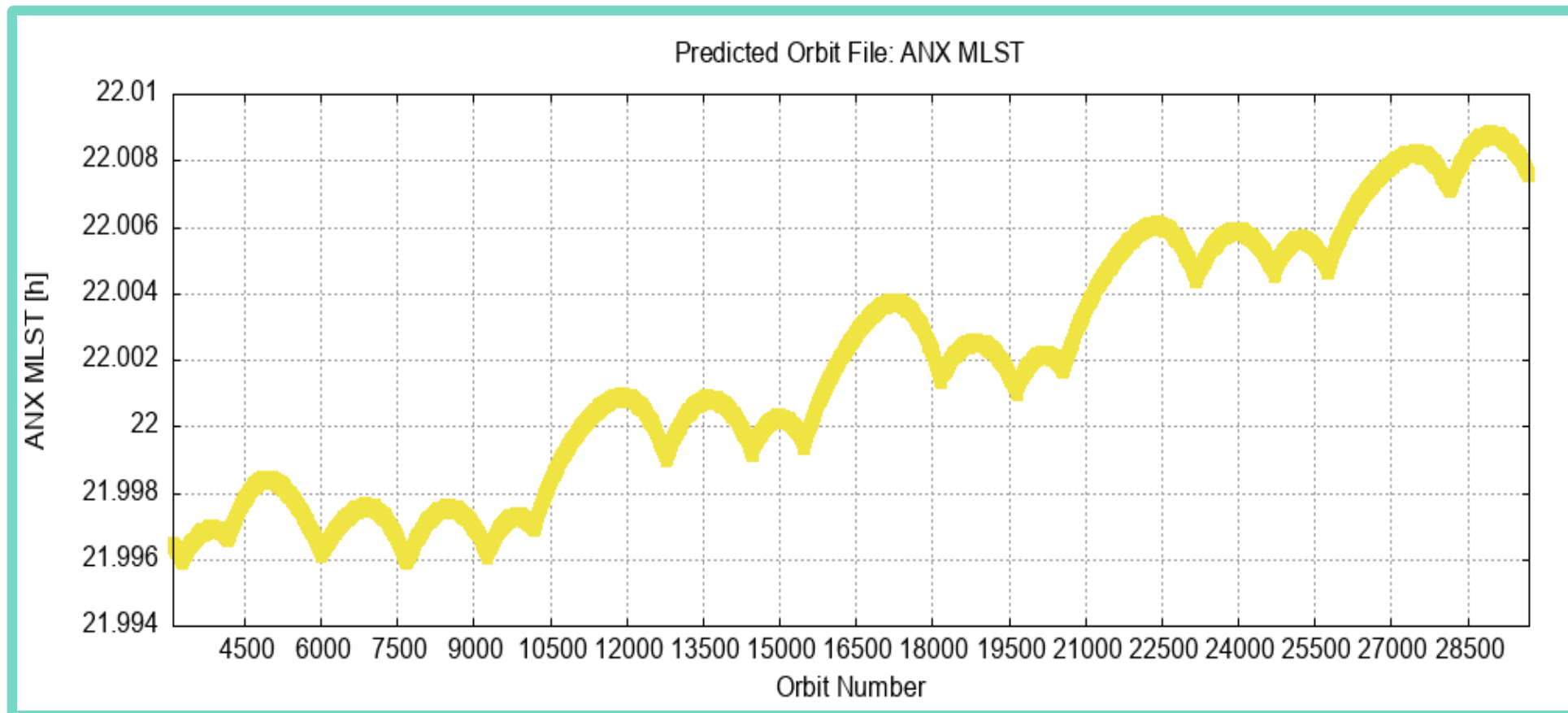
Evolution of Mean Inclination (Predicted Orbit Files)



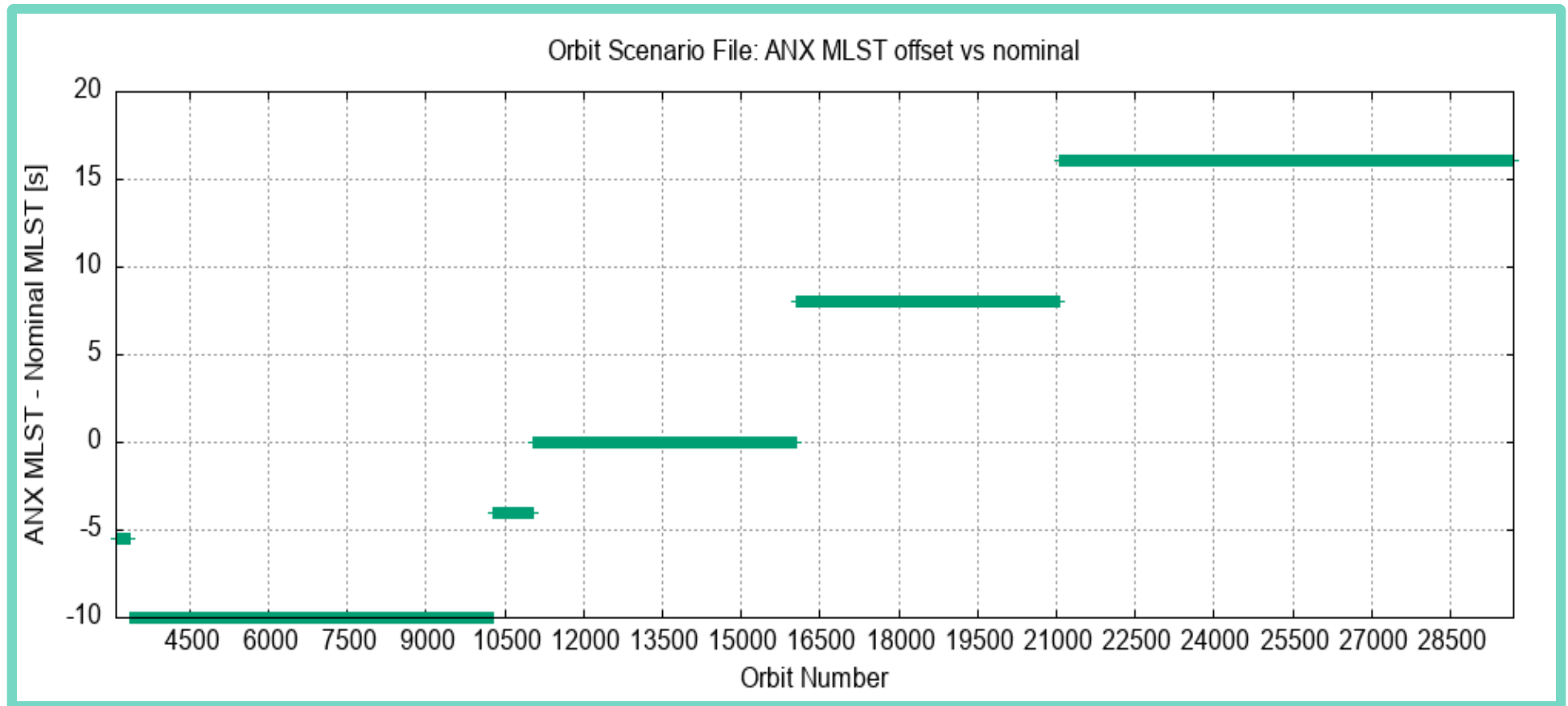
Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): Offset vs Nominal ANX MLST



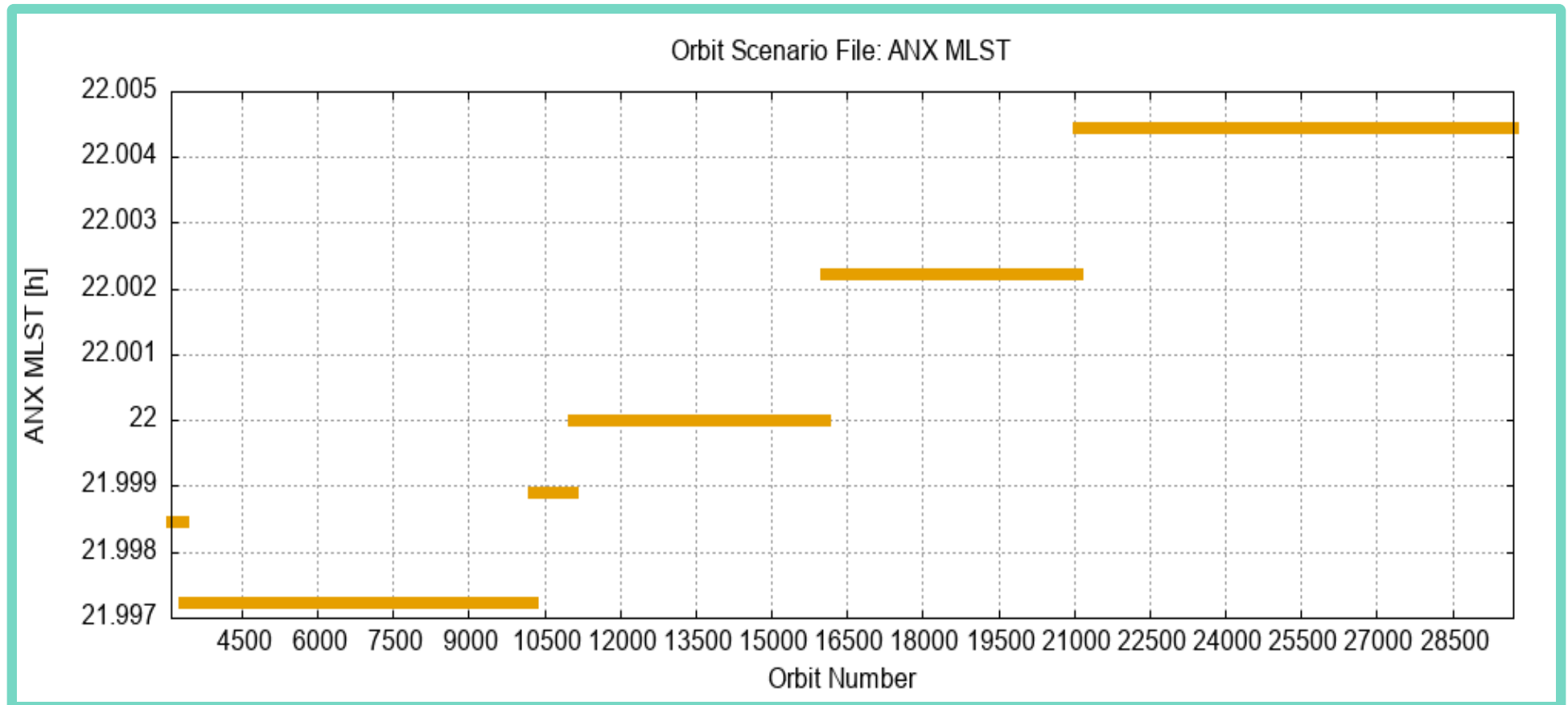
Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): ANX MLST



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

