

# SENTINEL3B Orbit Monitoring Report

## Orbit Scenario File vs Predicted Orbit Files

Report Generation Date: 2024-04-08T10:00:00

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

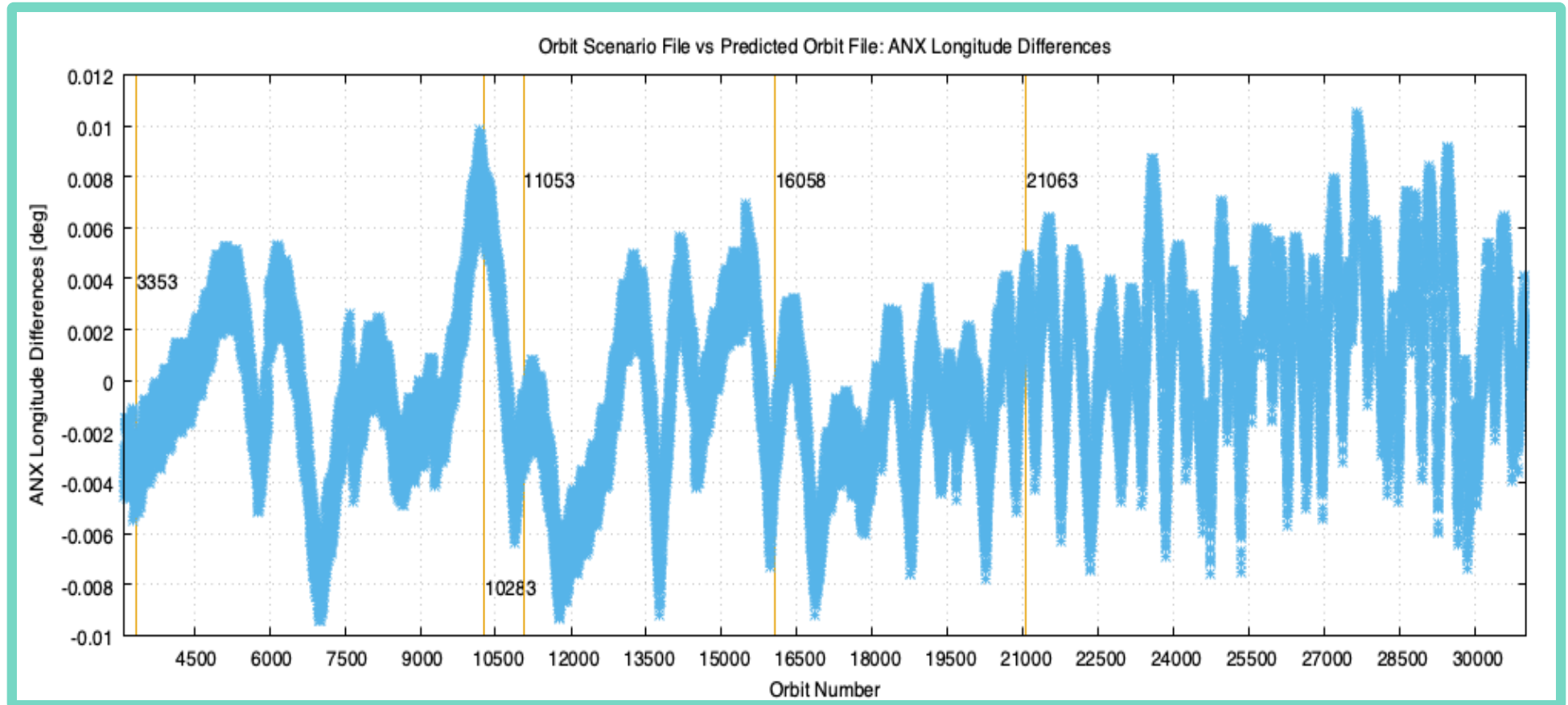
### Orbit Scenario File

<b>Filename</b>	S3B_TEST_MPL_ORBSCT_20180425T191855_99999999T999999_0010.EOF
-----------------	--

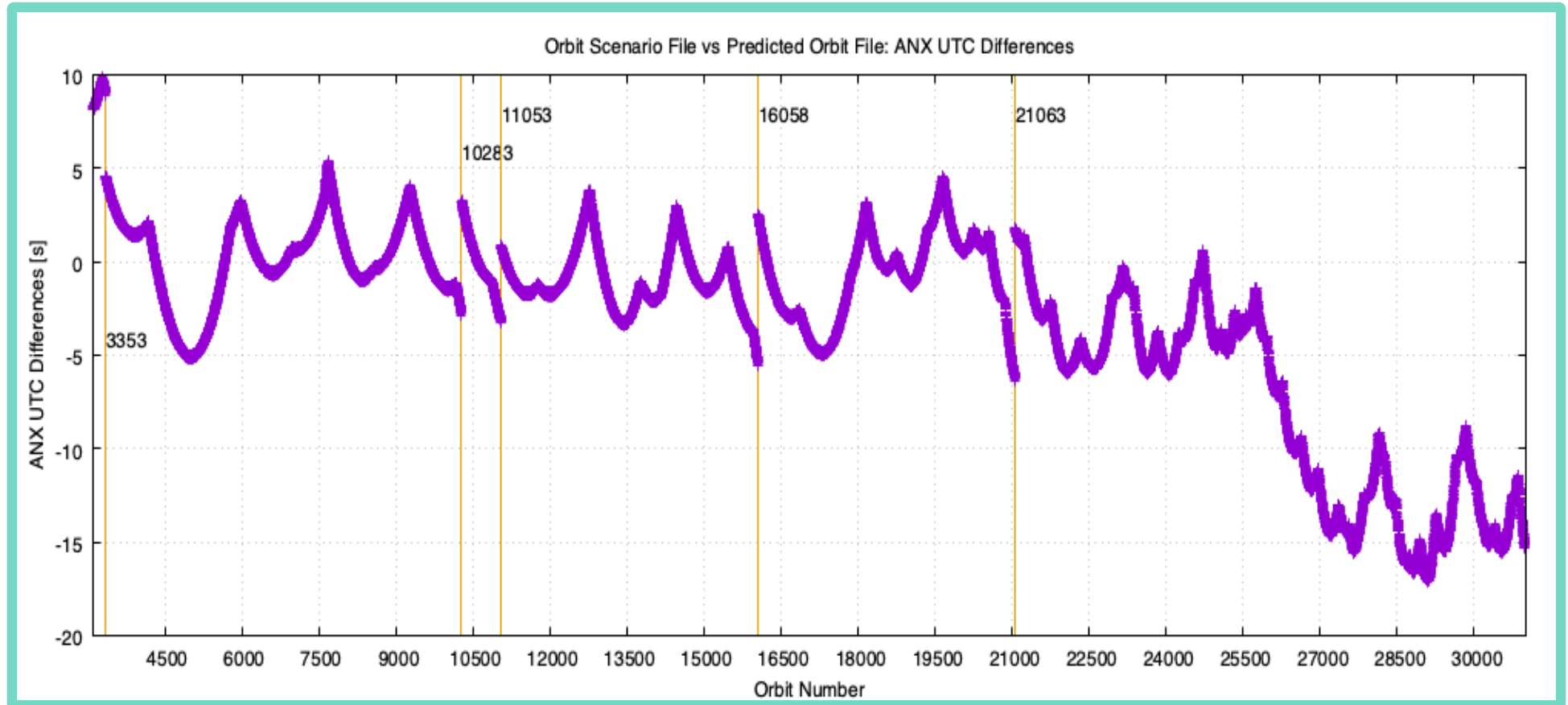
### Reported Time Interval

<b>Begin UTC Time</b>	2018-11-30T00:21:17.497176
<b>Begin Absolute Orbit</b>	3112
<b>End UTC Time</b>	2024-04-06T22:56:00.970704
<b>End Absolute Orbit</b>	30988

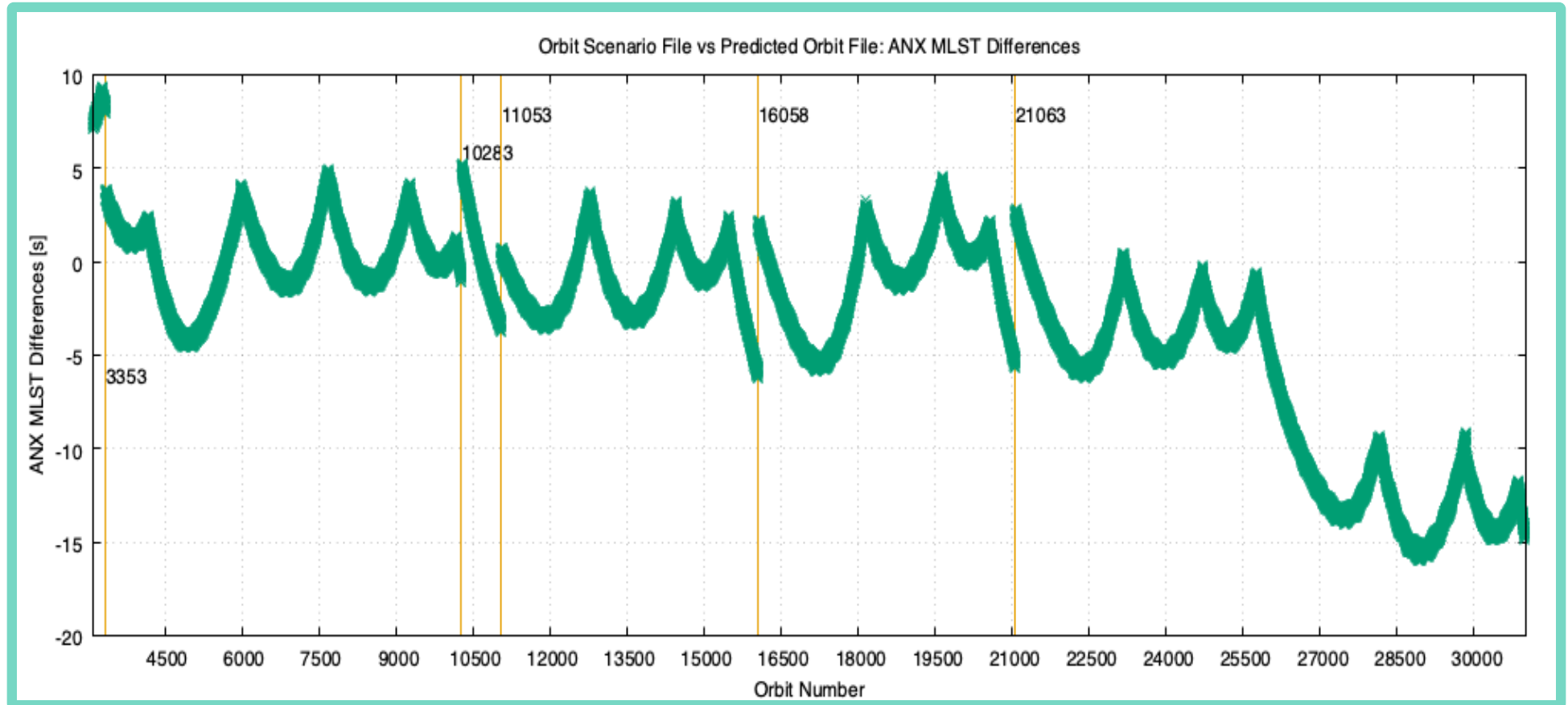
# Differences in ANX Longitude



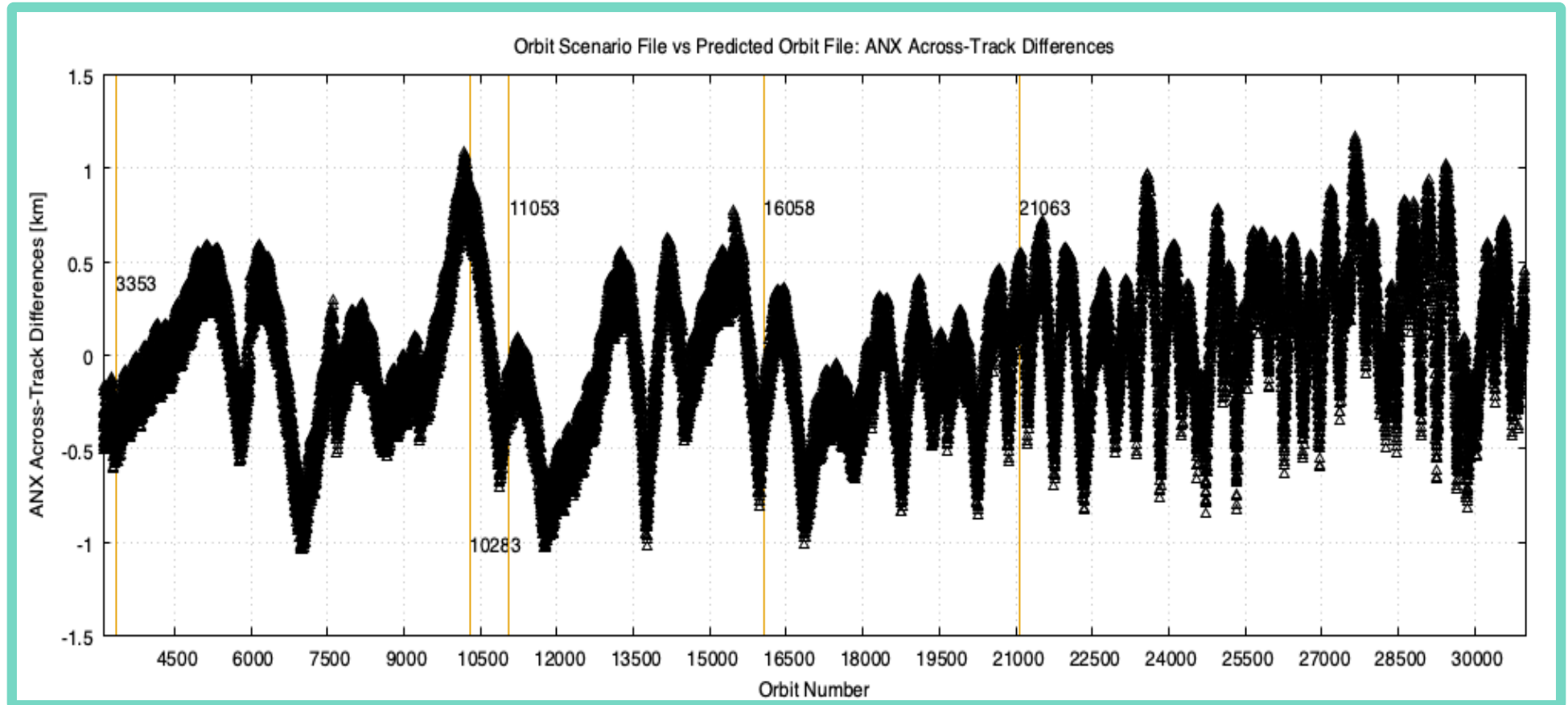
# Differences in ANX UTC Time



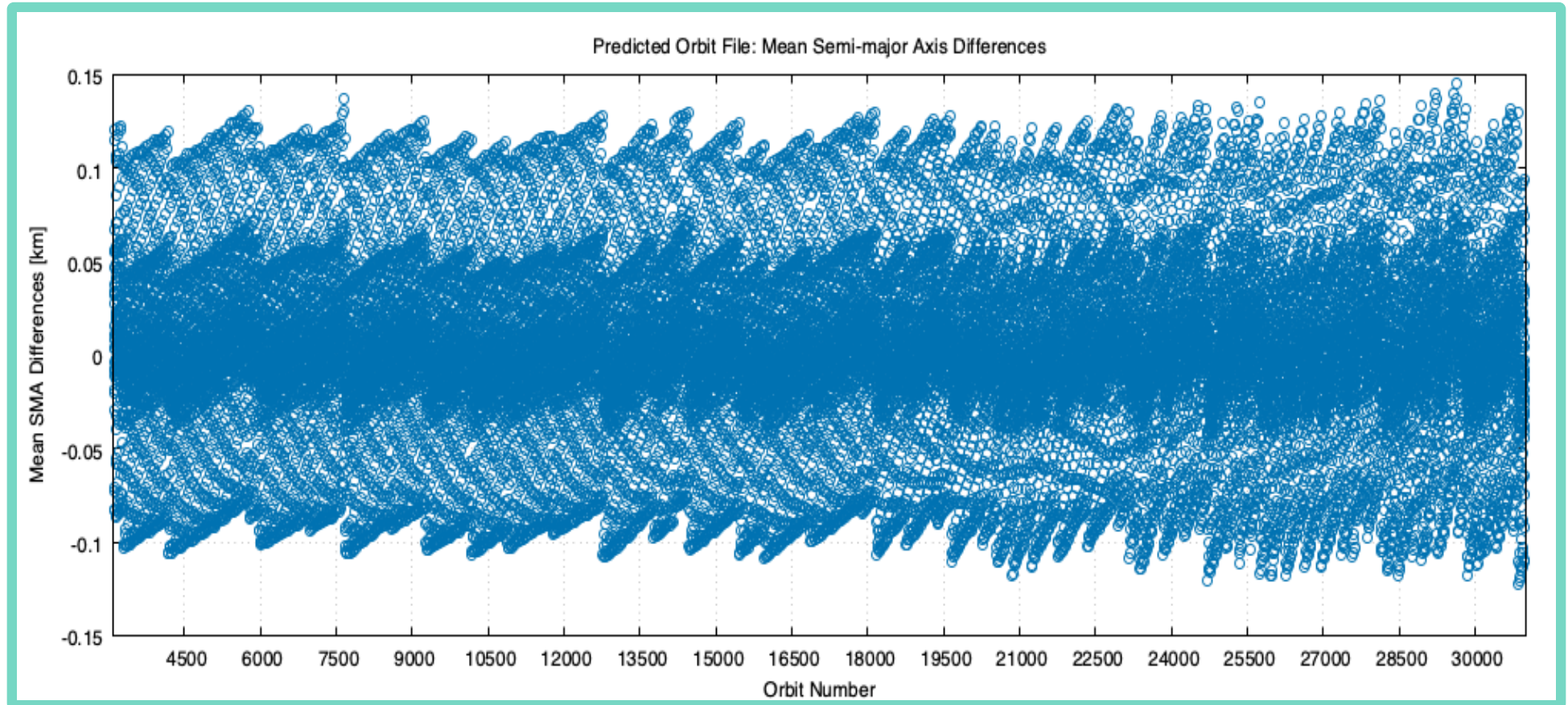
# Differences in ANX Mean Local Solar Time



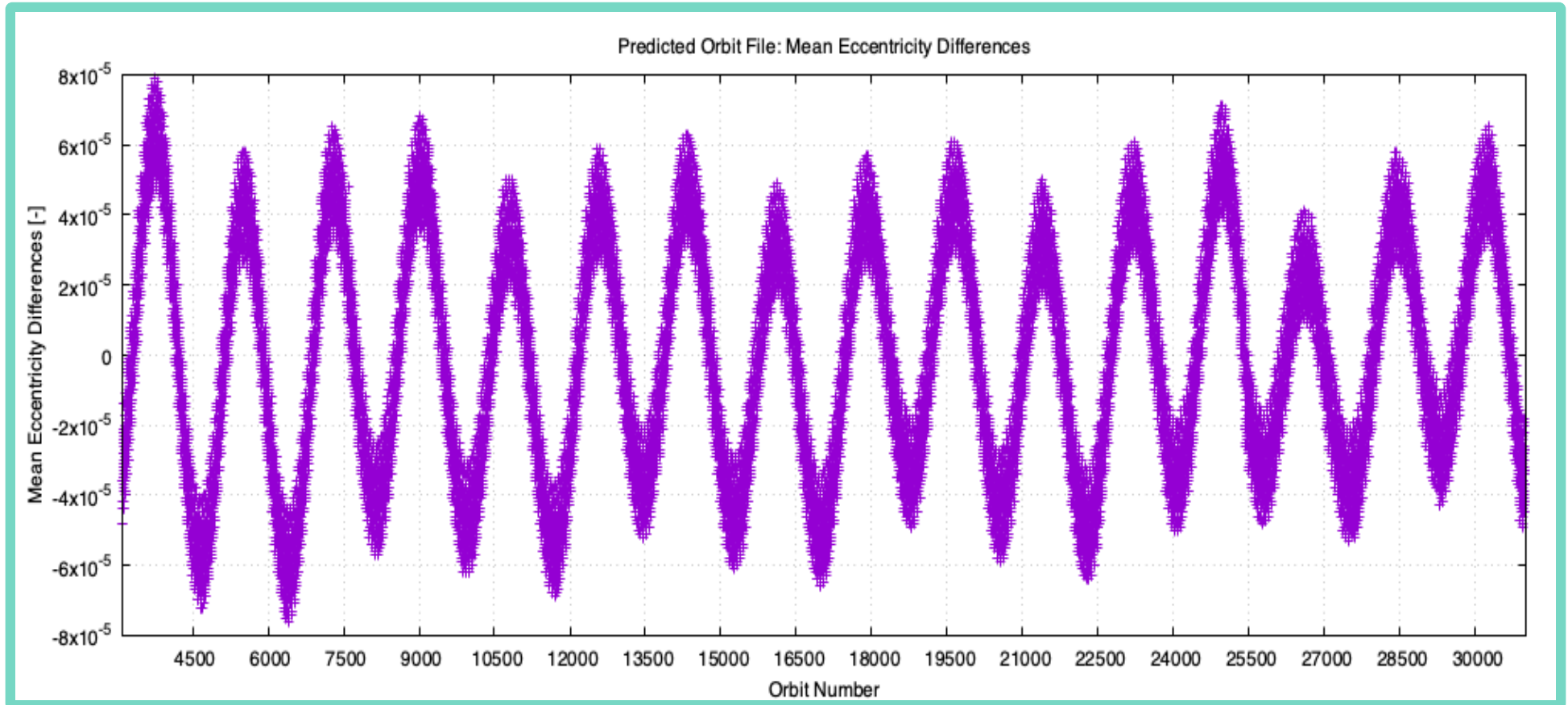
# Differences in ANX Across-track



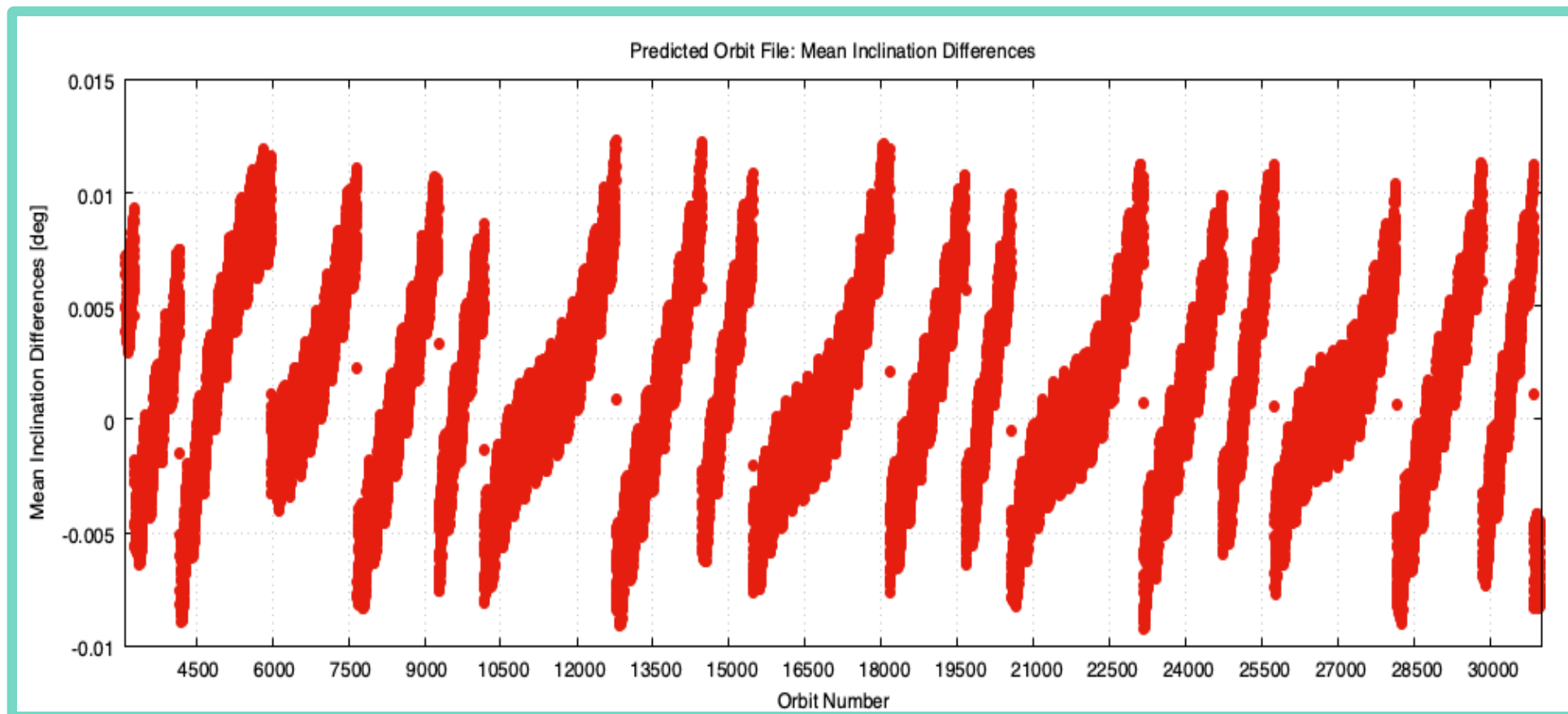
# Differences in Mean Semi-major Axis



# Differences in Eccentricity

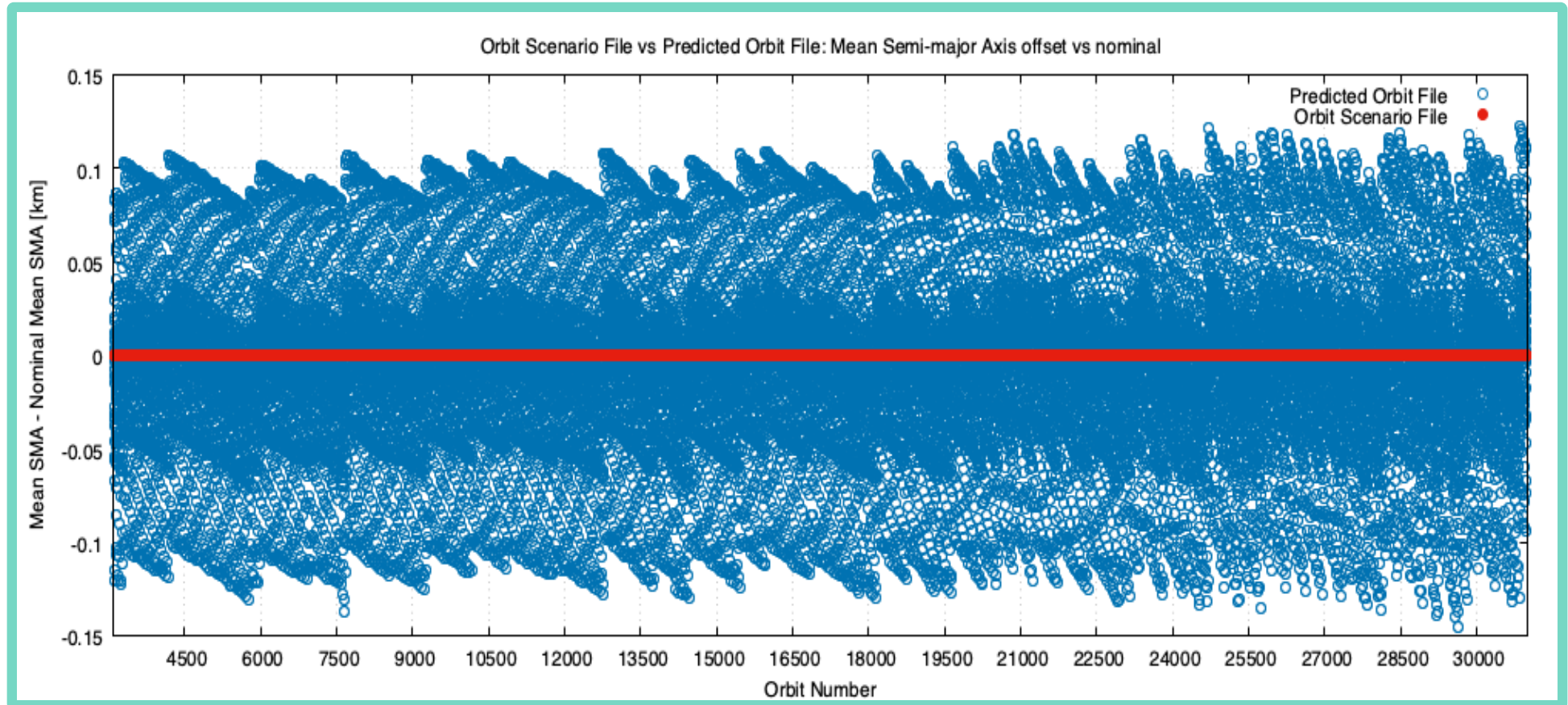


# Differences in Mean Inclination

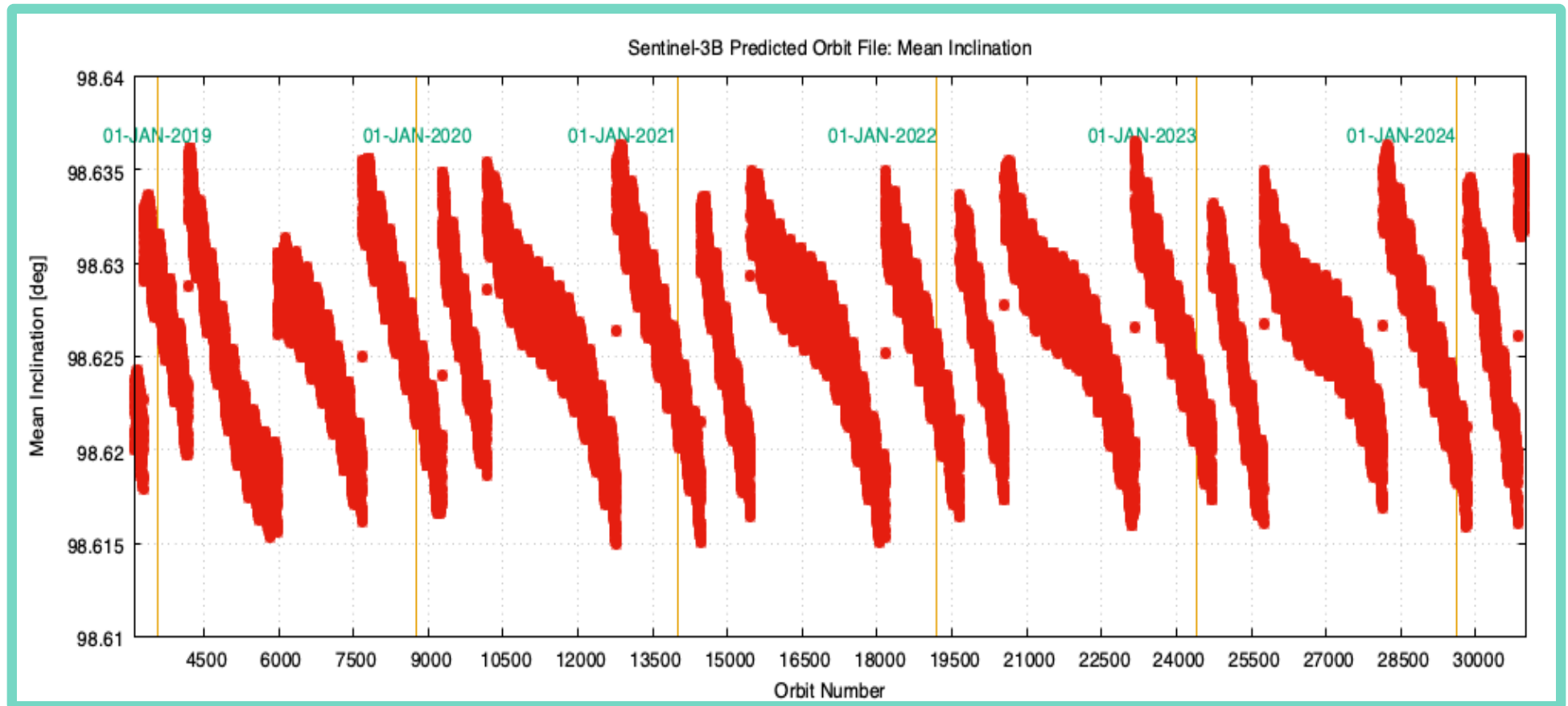




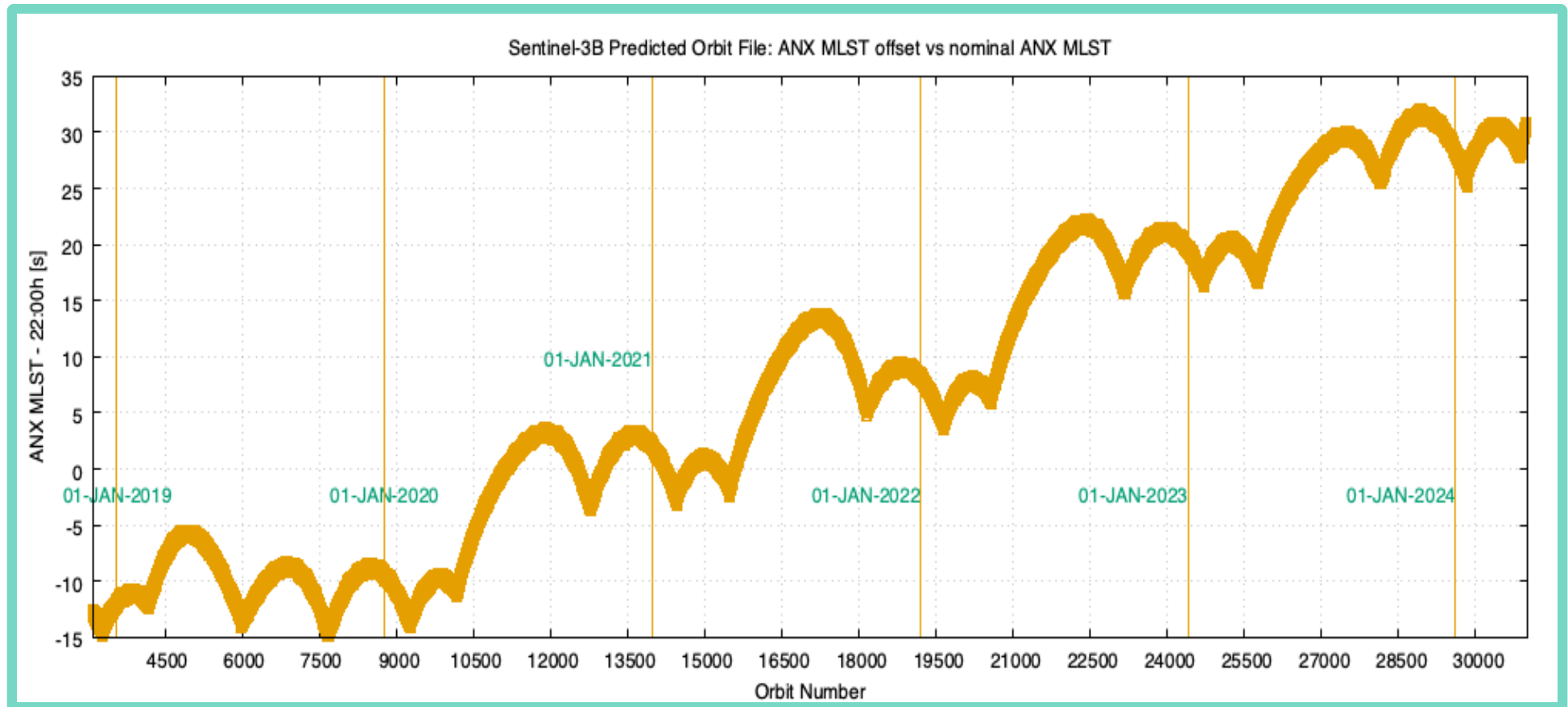
# Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



# Evolution of Mean Inclination (Predicted Orbit Files)



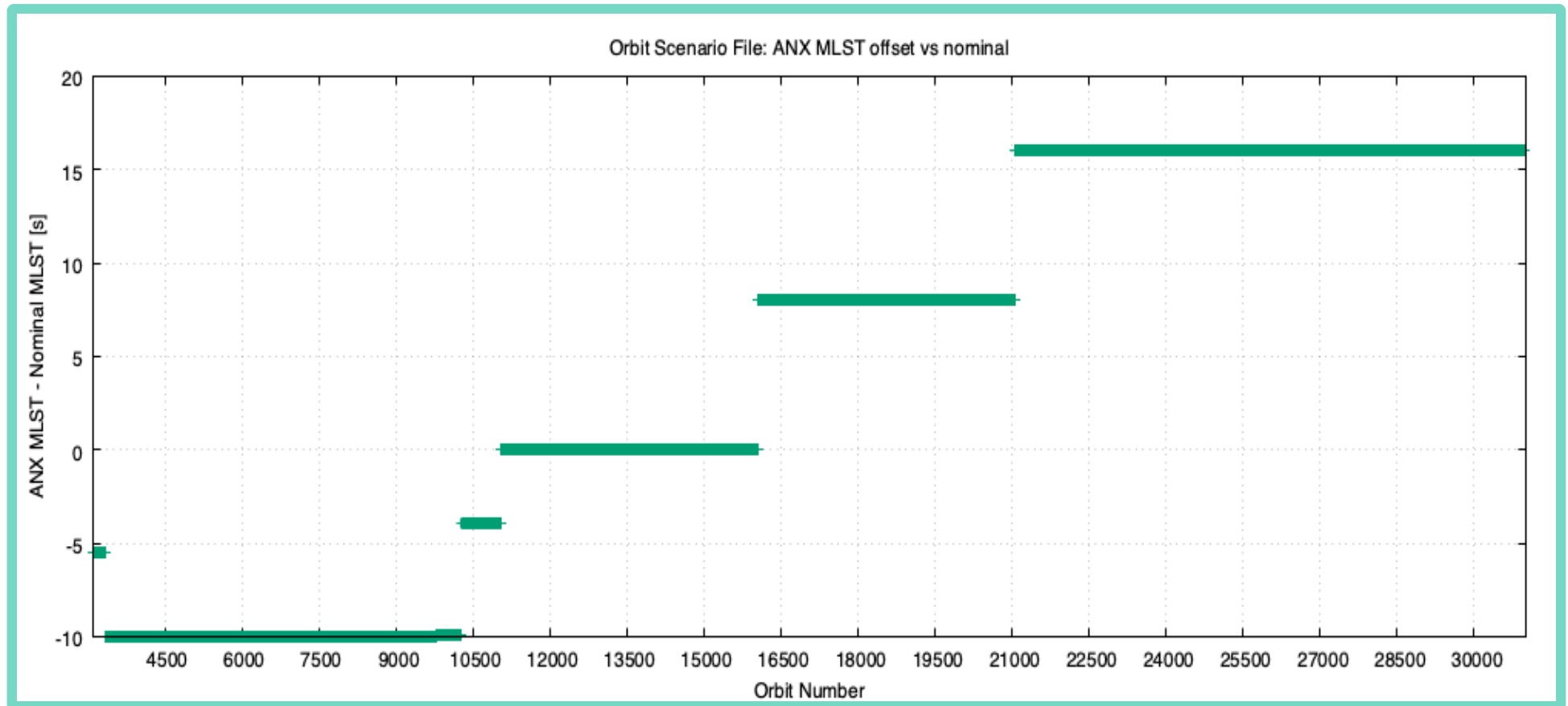
# Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): Offset vs Nominal ANX MLST



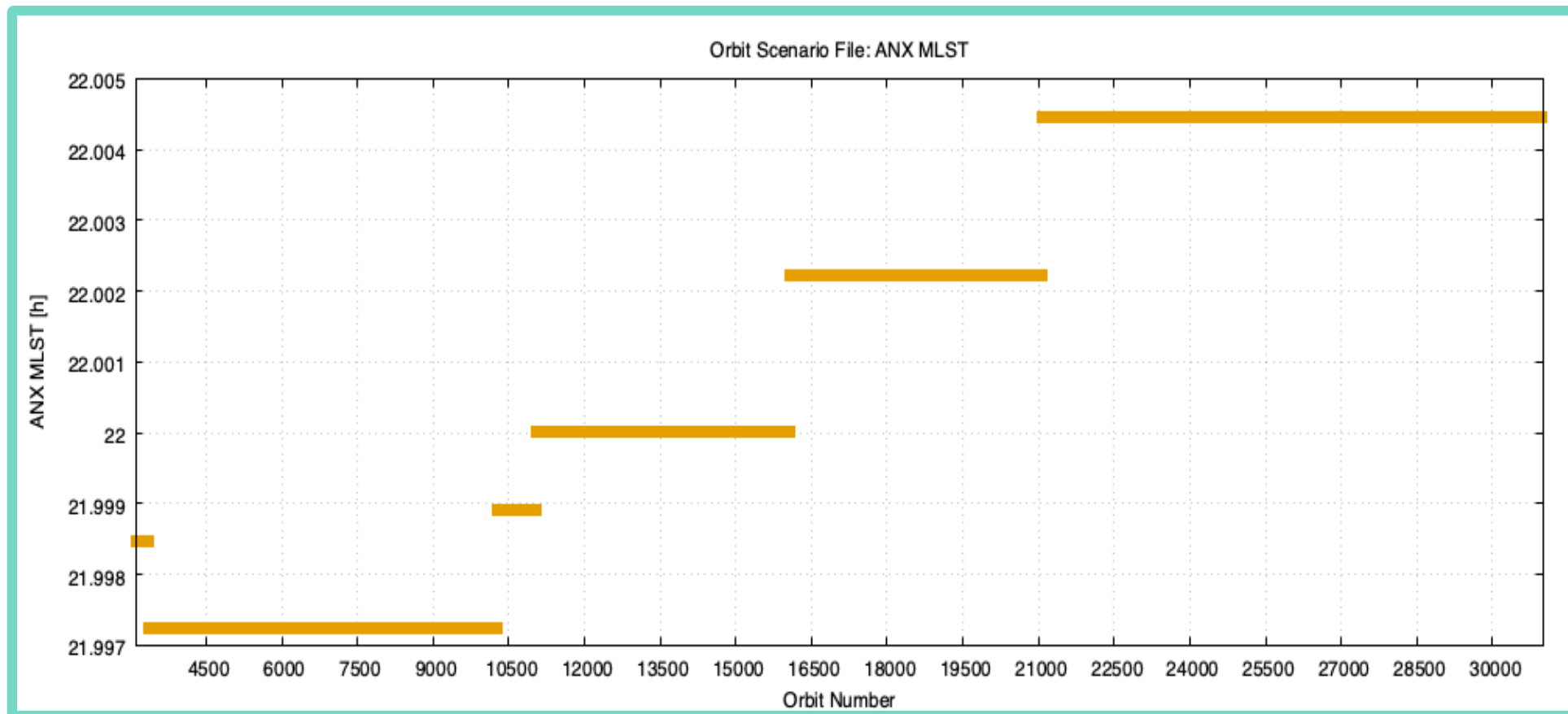
# Evolution of ANX Mean Local Solar Time (Predicted Orbit Files): ANX MLST



# 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

