

# SENTINEL2B Orbit Monitoring Report

## Orbit Scenario File vs Predicted Orbit Files

Report Generation Date: 2022-01-13T11:00:00

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

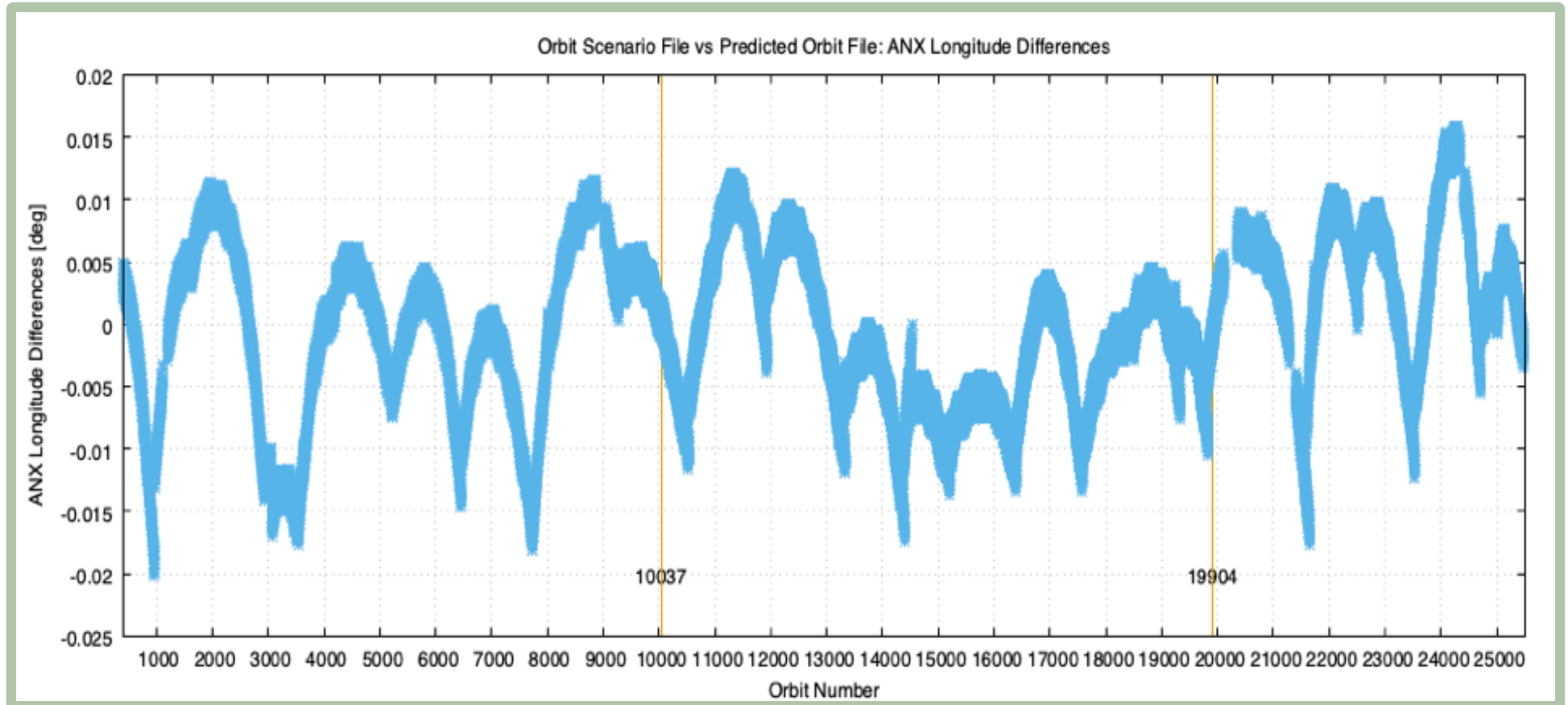
### Orbit Scenario File

<b>Filename</b>	S2B_OPER_MPL_ORBSCT_20170309T104400_99999999T999999_0007.EOF
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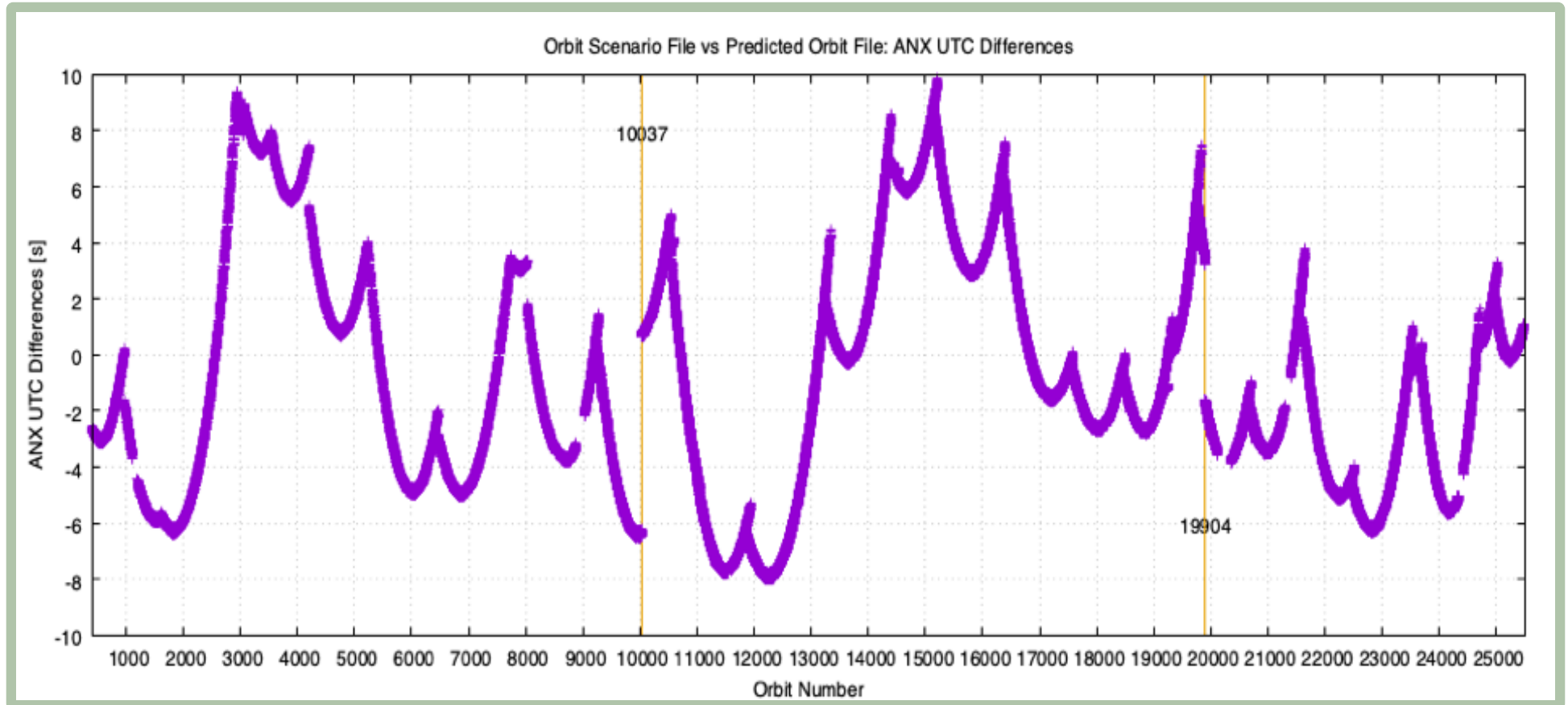
### Reported Time Interval

<b>Begin UTC Time</b>	2017-04-04T03:48:15.998139
<b>Begin Absolute Orbit</b>	402
<b>End UTC Time</b>	2022-01-22T01:47:24.072822
<b>End Absolute Orbit</b>	25483

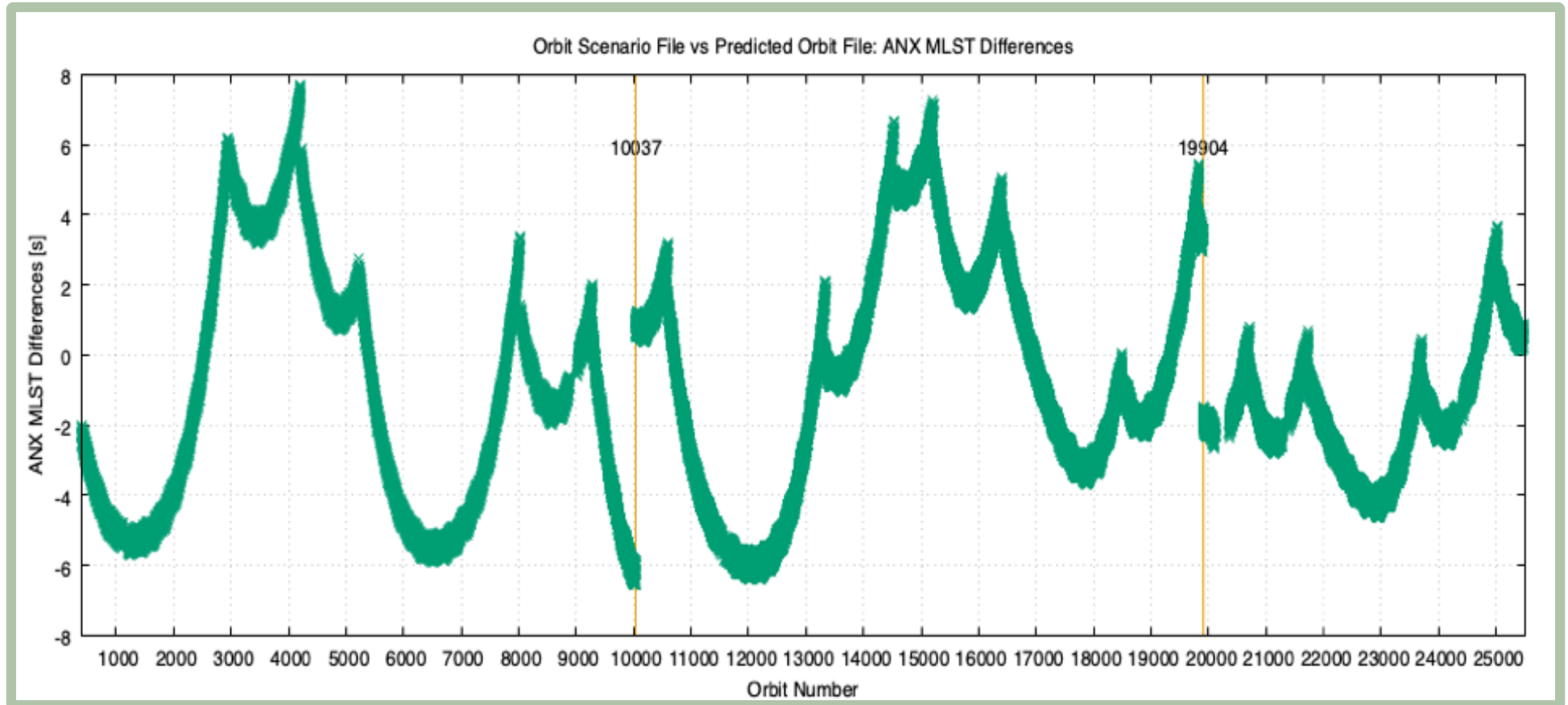
# Differences in ANX Longitude



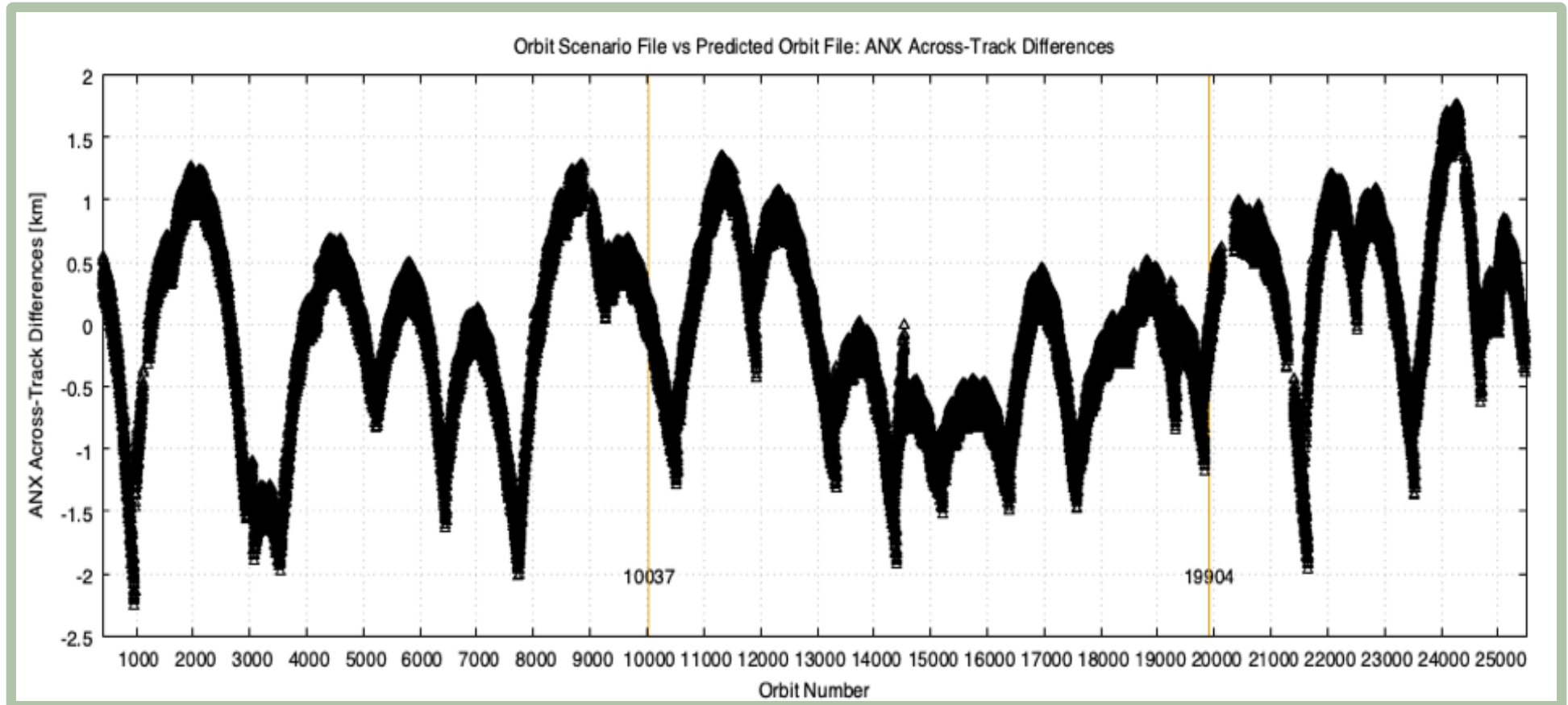
# Differences in ANX UTC Time



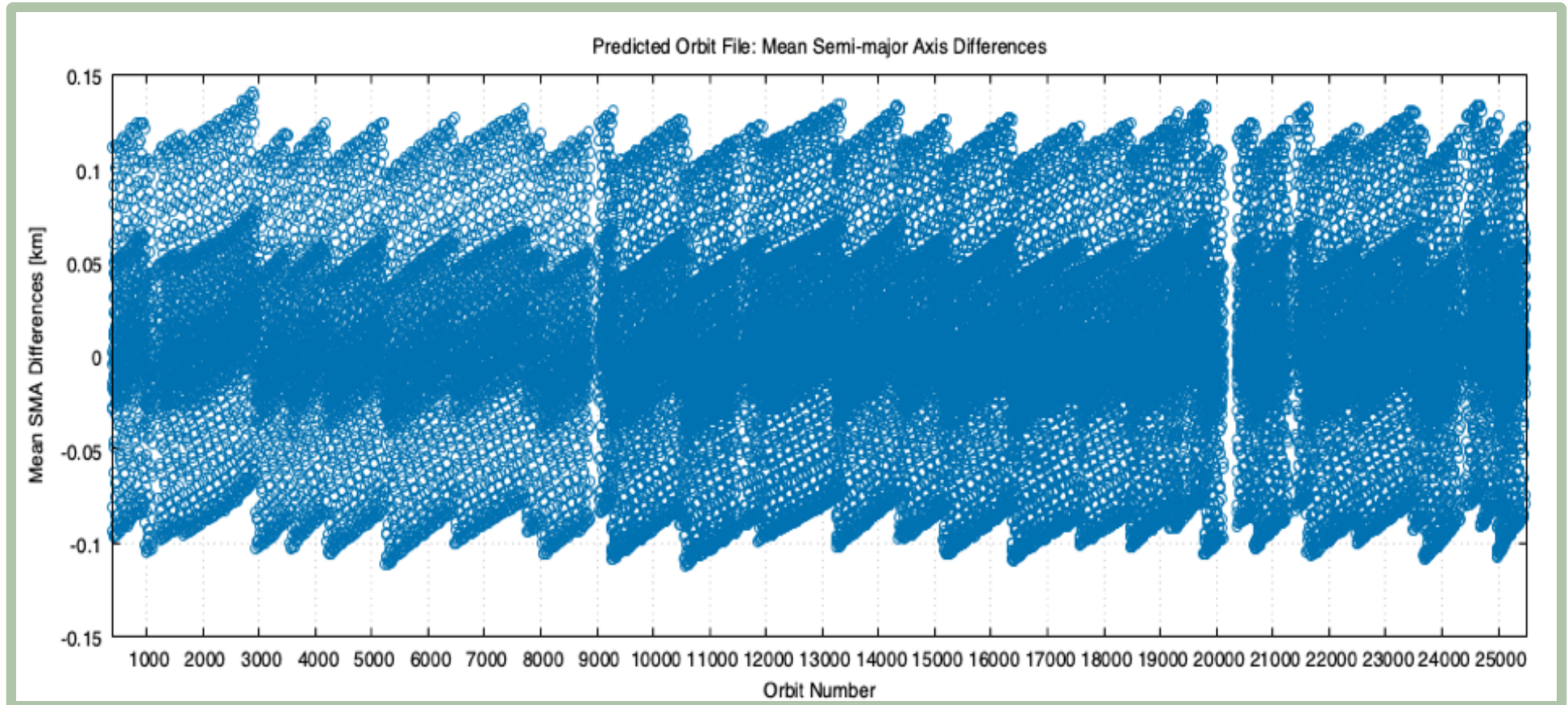
# Differences in ANX Mean Local Solar Time



# Differences in ANX Across-track

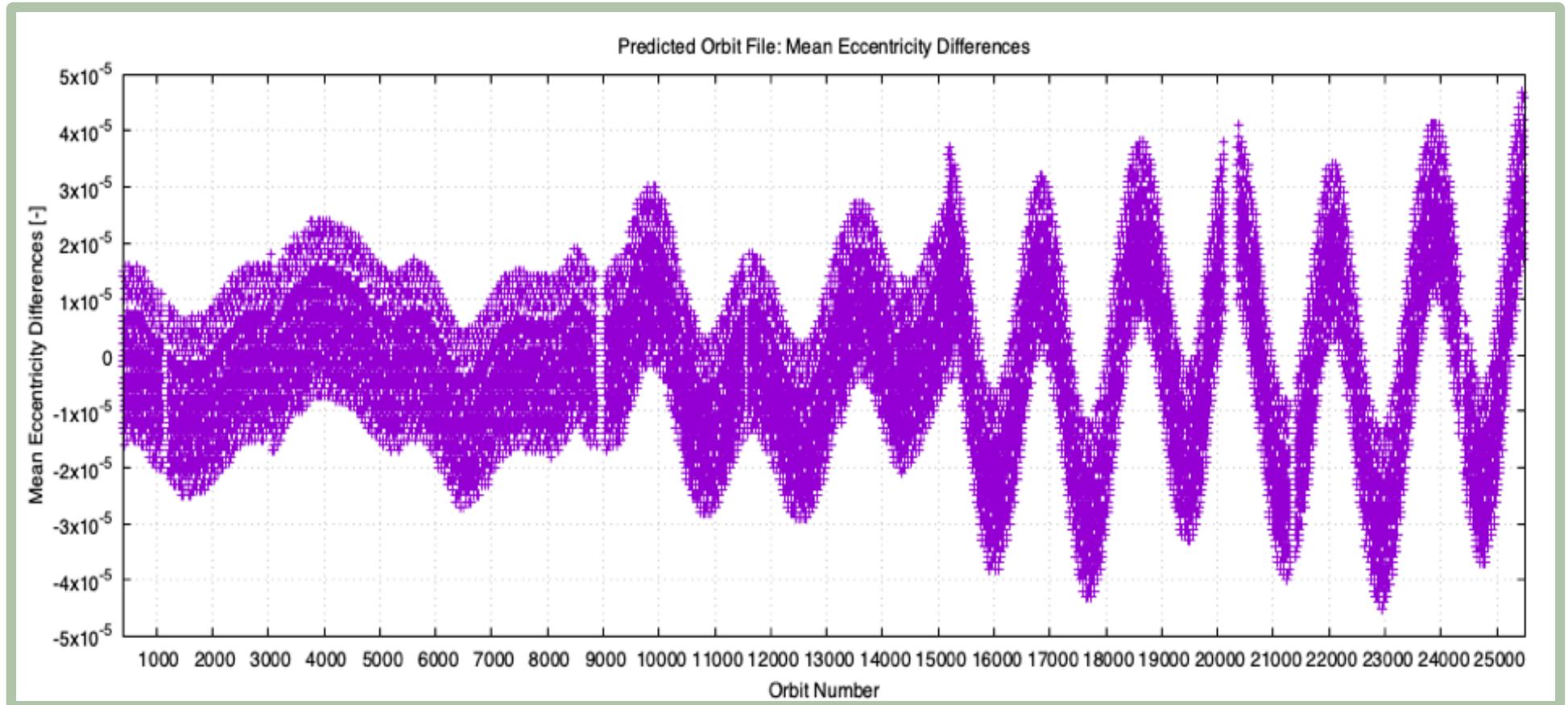


# Differences in Mean Semi-major Axis

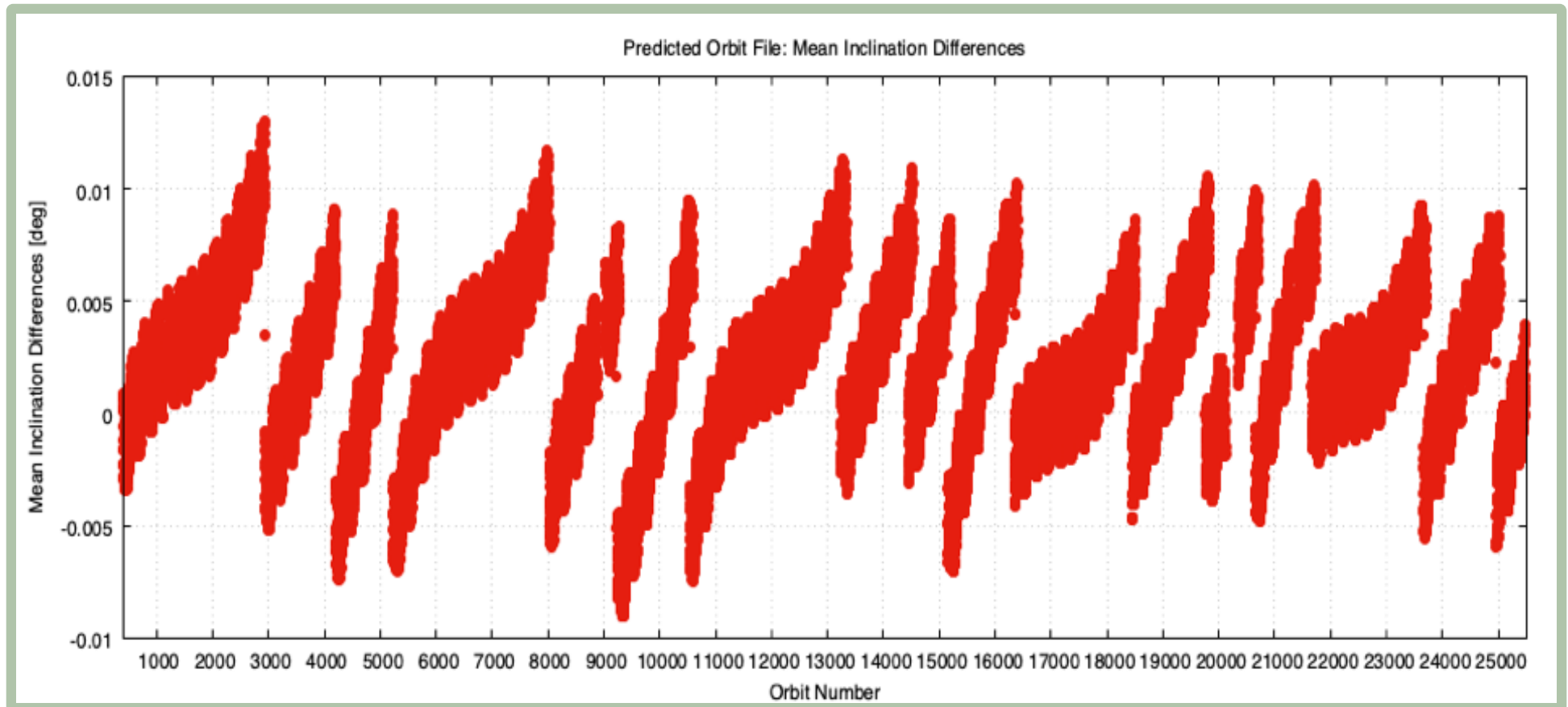




# Differences in Eccentricity

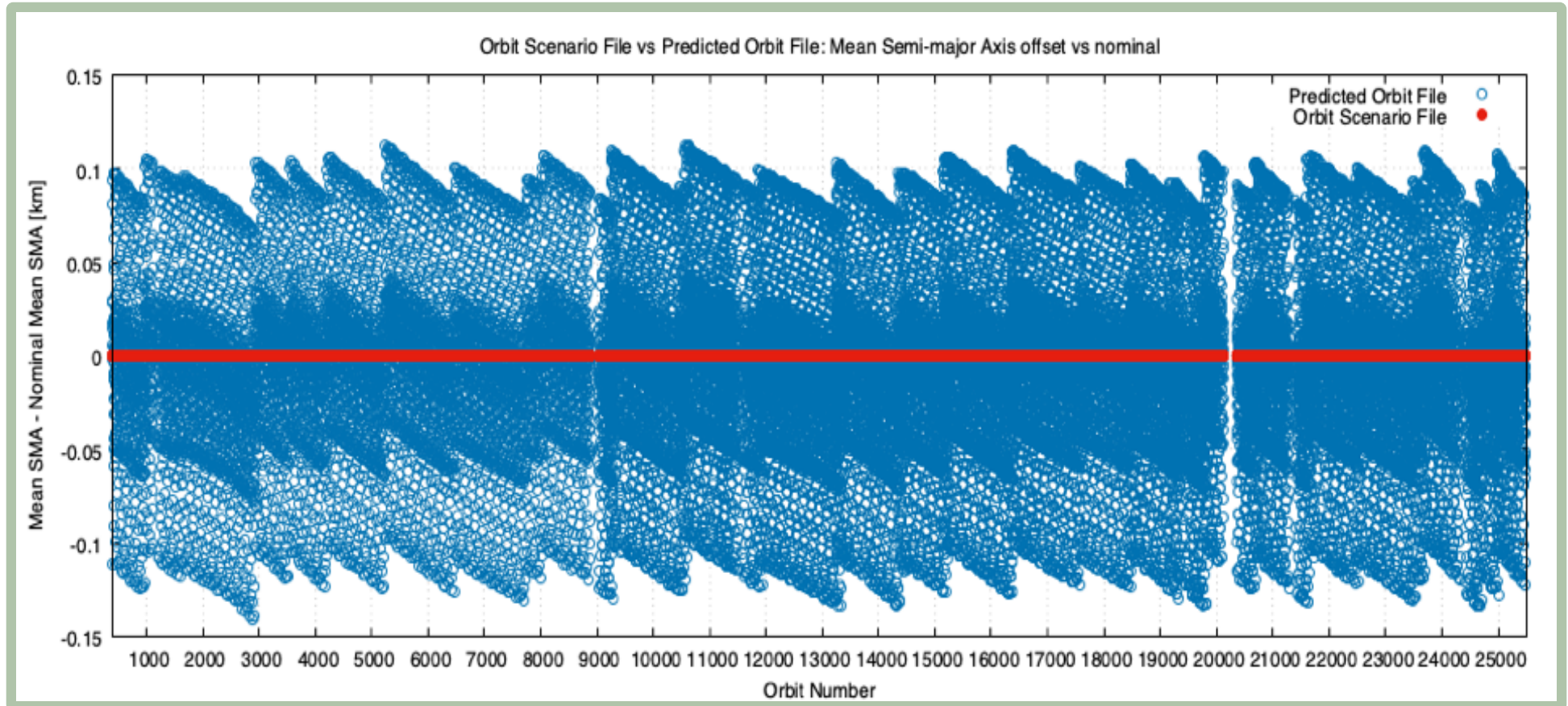


# Differences in Mean Inclination

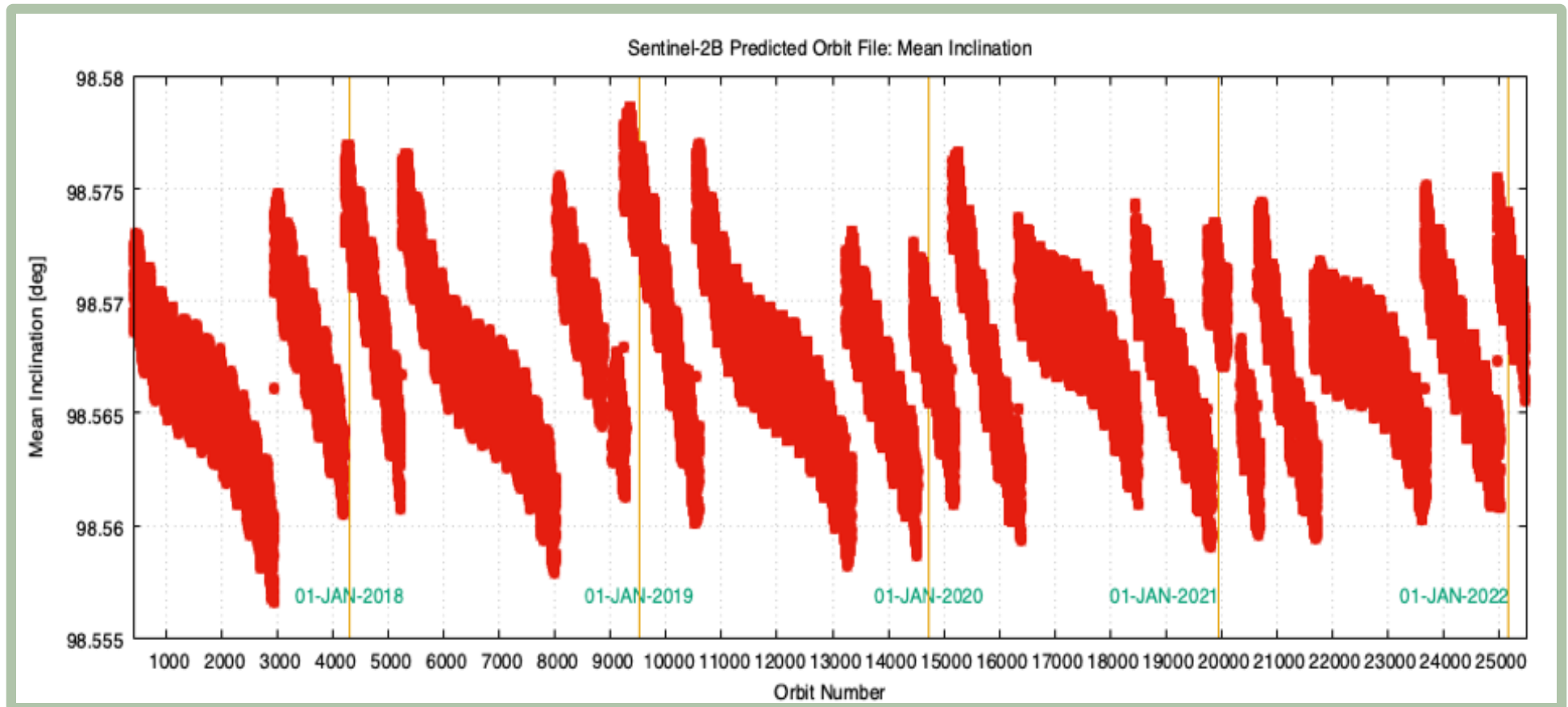




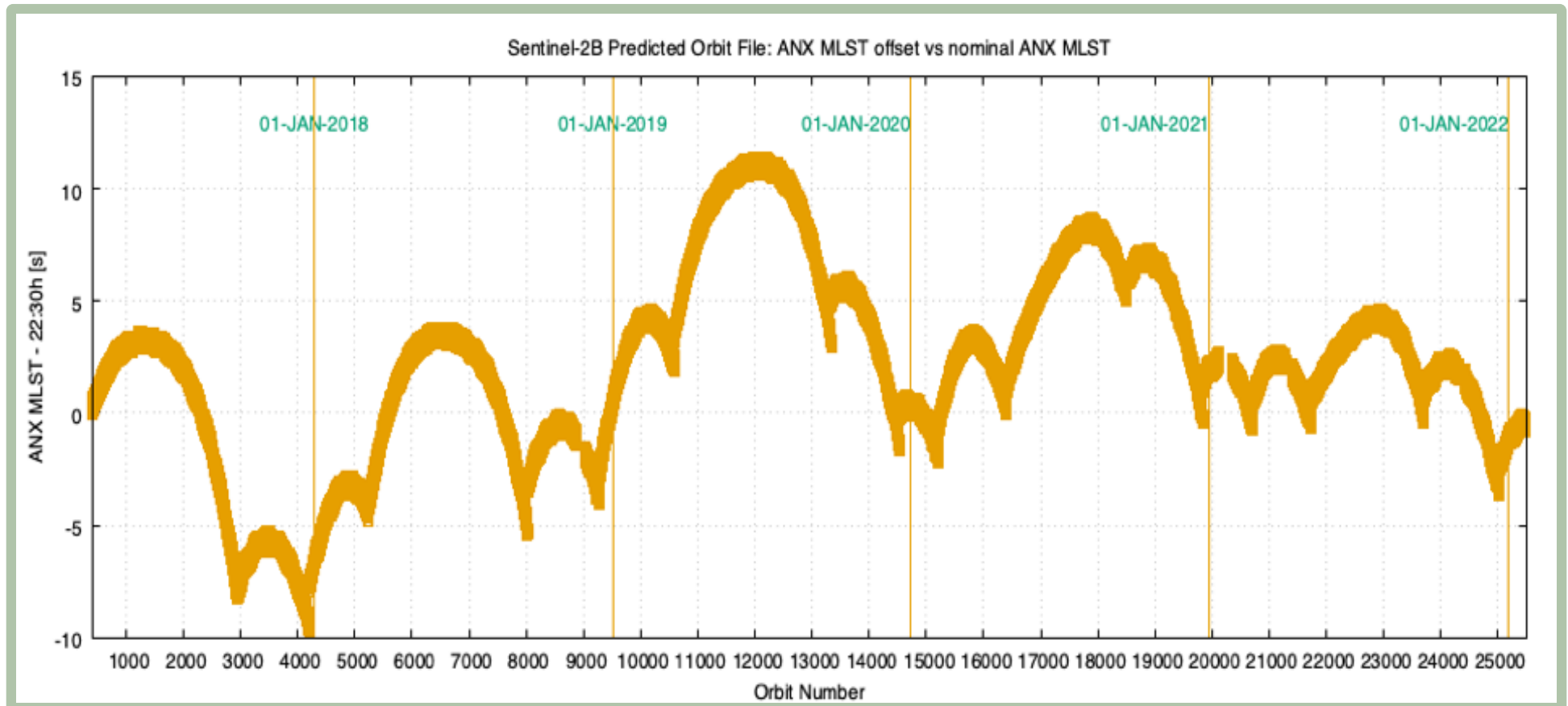
# Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



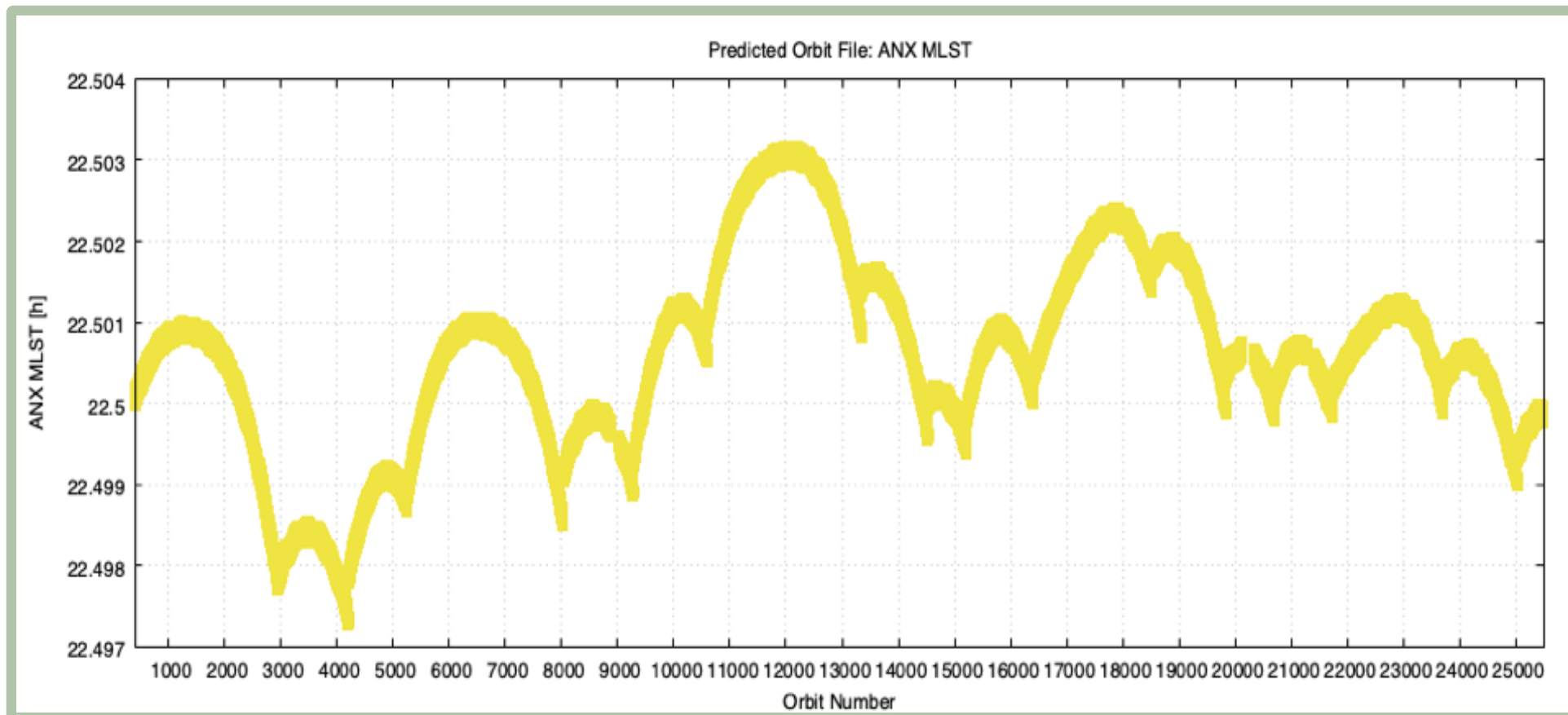
# Evolution of Mean Inclination (Predicted Orbit Files)



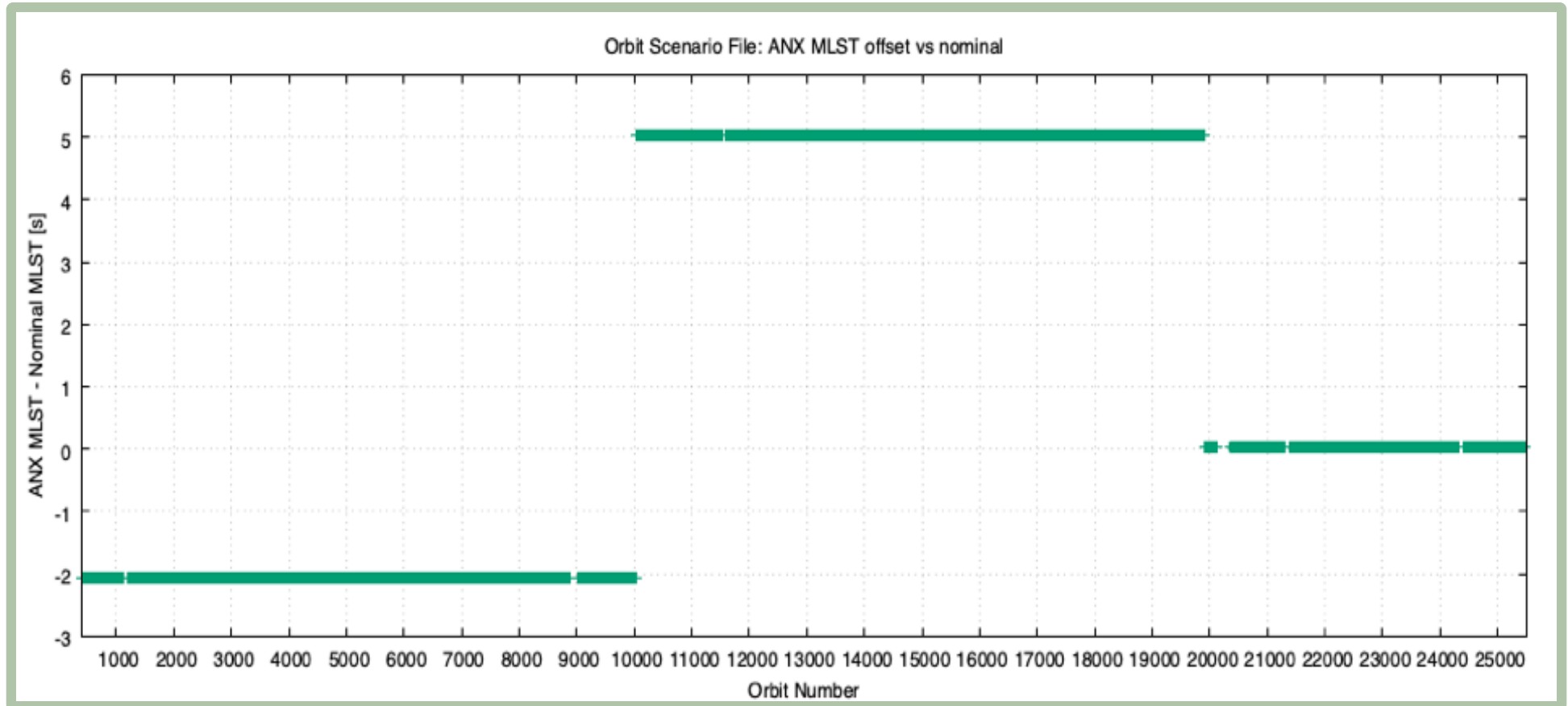
# Evolution of ANX Mean Local Solar Time (Predicted Orbit File): Offset vs Nominal ANX MLST



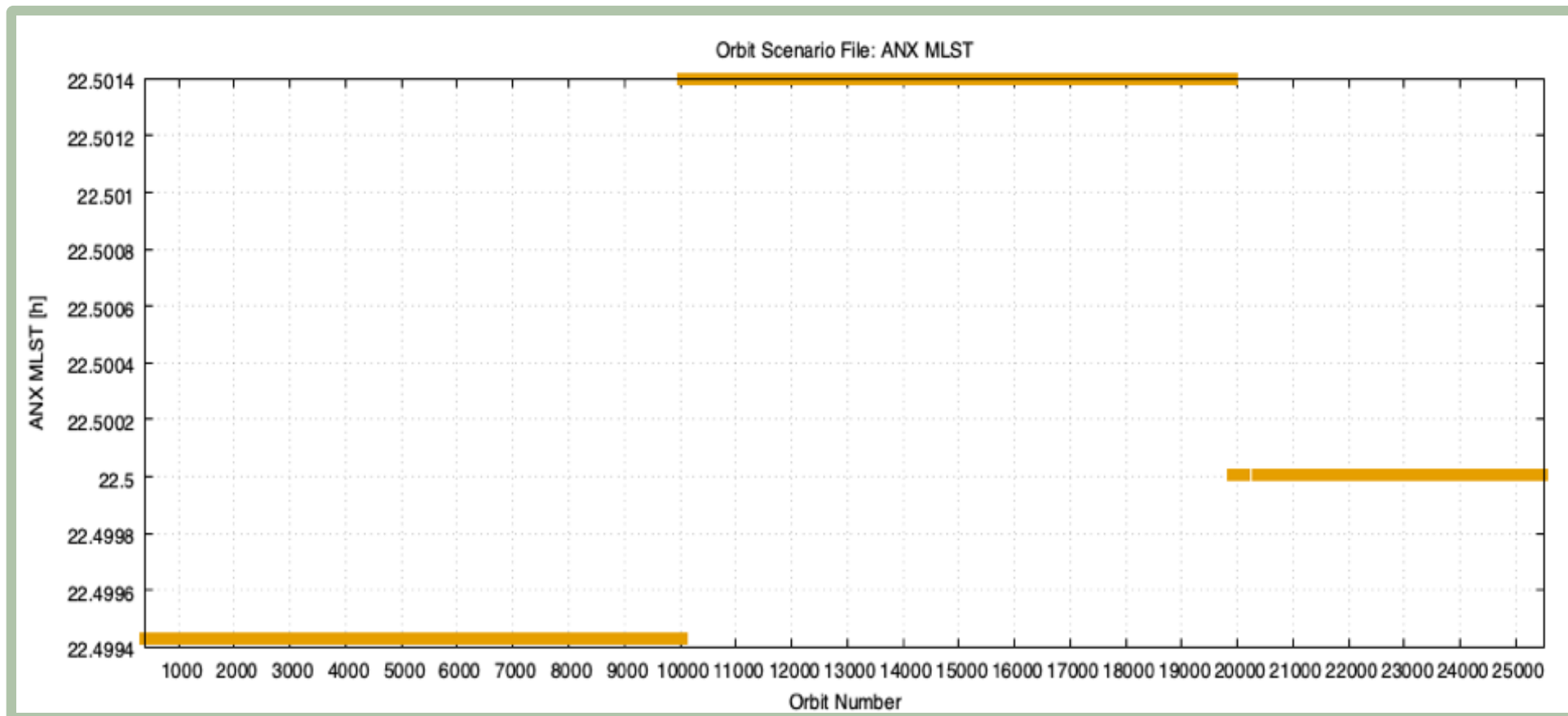
# Evolution of ANX Mean Local Solar Time (Predicted Orbit File): ANX MLST



# 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

