

SENTINEL6 Orbit Monitoring Report

Orbit Scenario File vs Predicted Orbit File

Report Generation Date: 2020-01-04T18:00:00

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

Orbit Scenario File

Filename	S6A_OPER_MPL_ORBSCT_20201121T182414_99999999T999999_0008_for_ESOVNG_SAMI_and_EOCFI_v4_15_and_be
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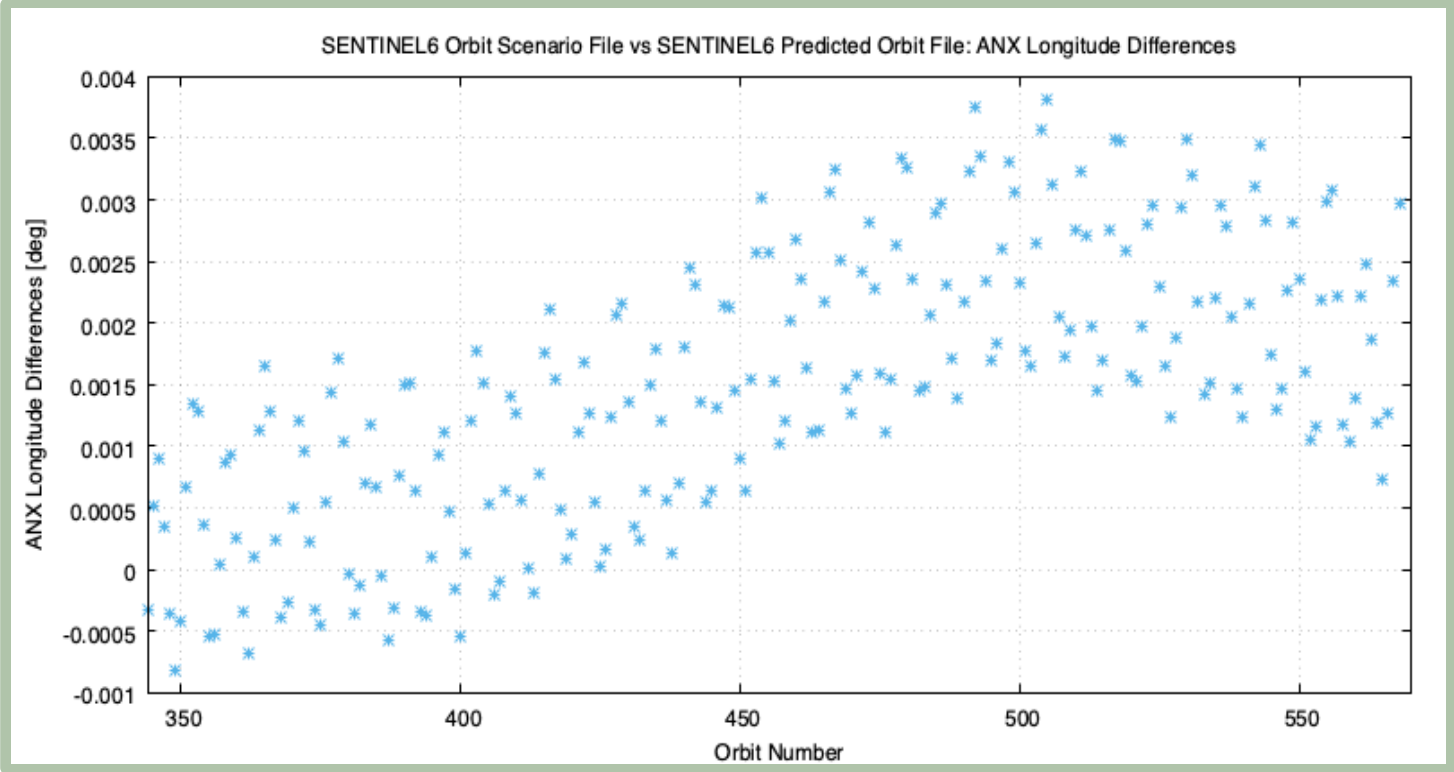
Predicted Orbit File

Filename	S6A_xx_ORBITPREDI_20201122T000000_20210104T000000_20210104T000000_MOC__OPE.EOF
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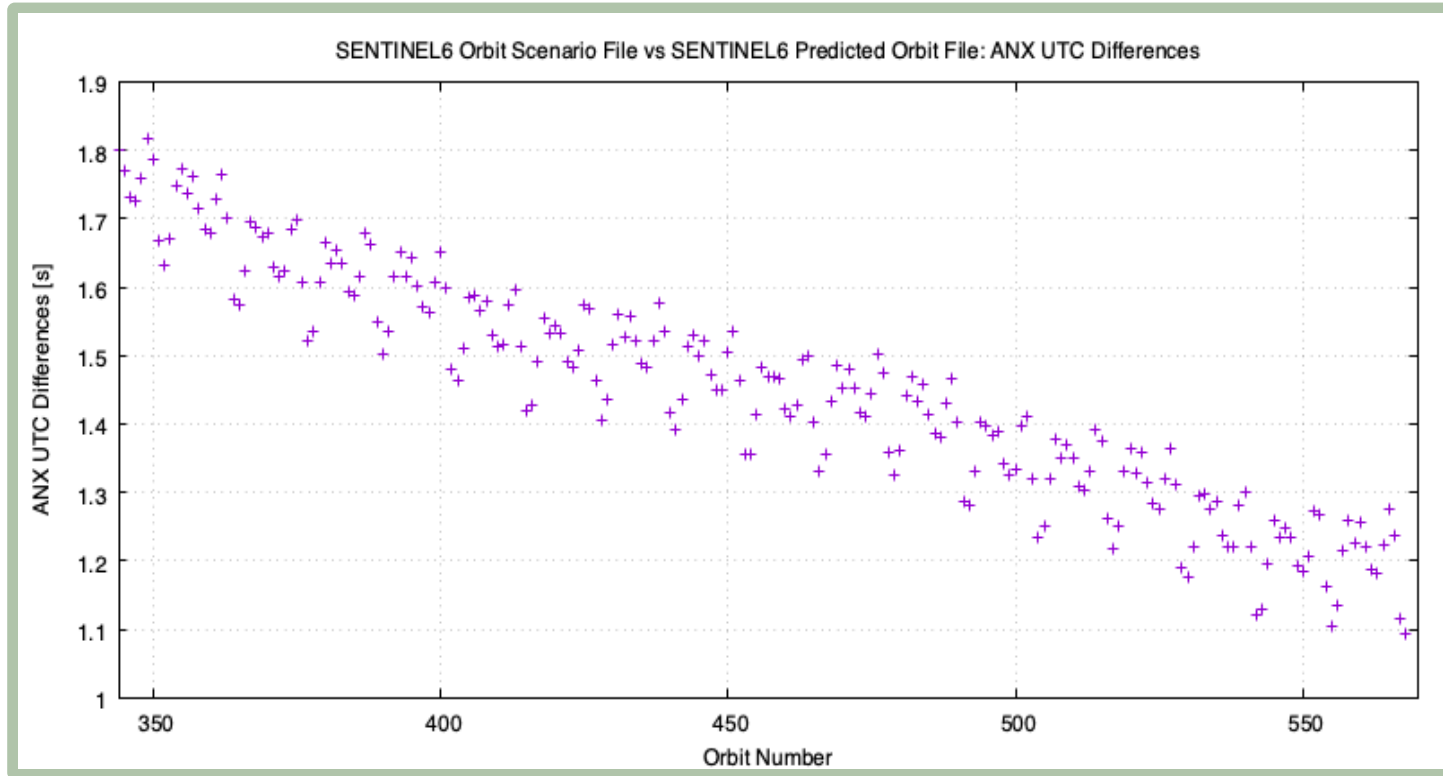
Reported Time Interval

Begin UTC Time	2020-12-18T10:56:35.32844
Begin Absolute Orbit	344
End UTC Time	2021-01-04T22:40:46.257142
End Absolute Orbit	568

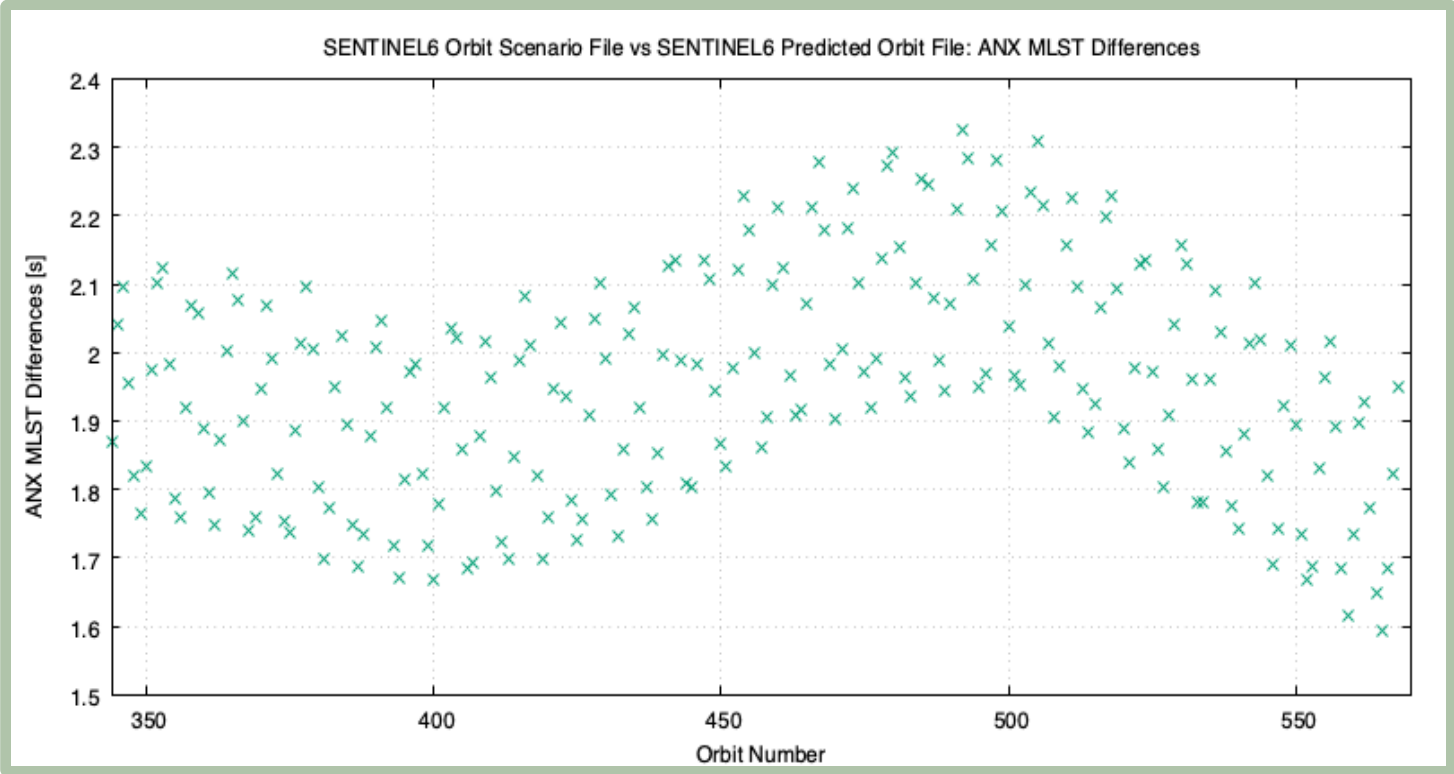
Differences in ANX Longitude



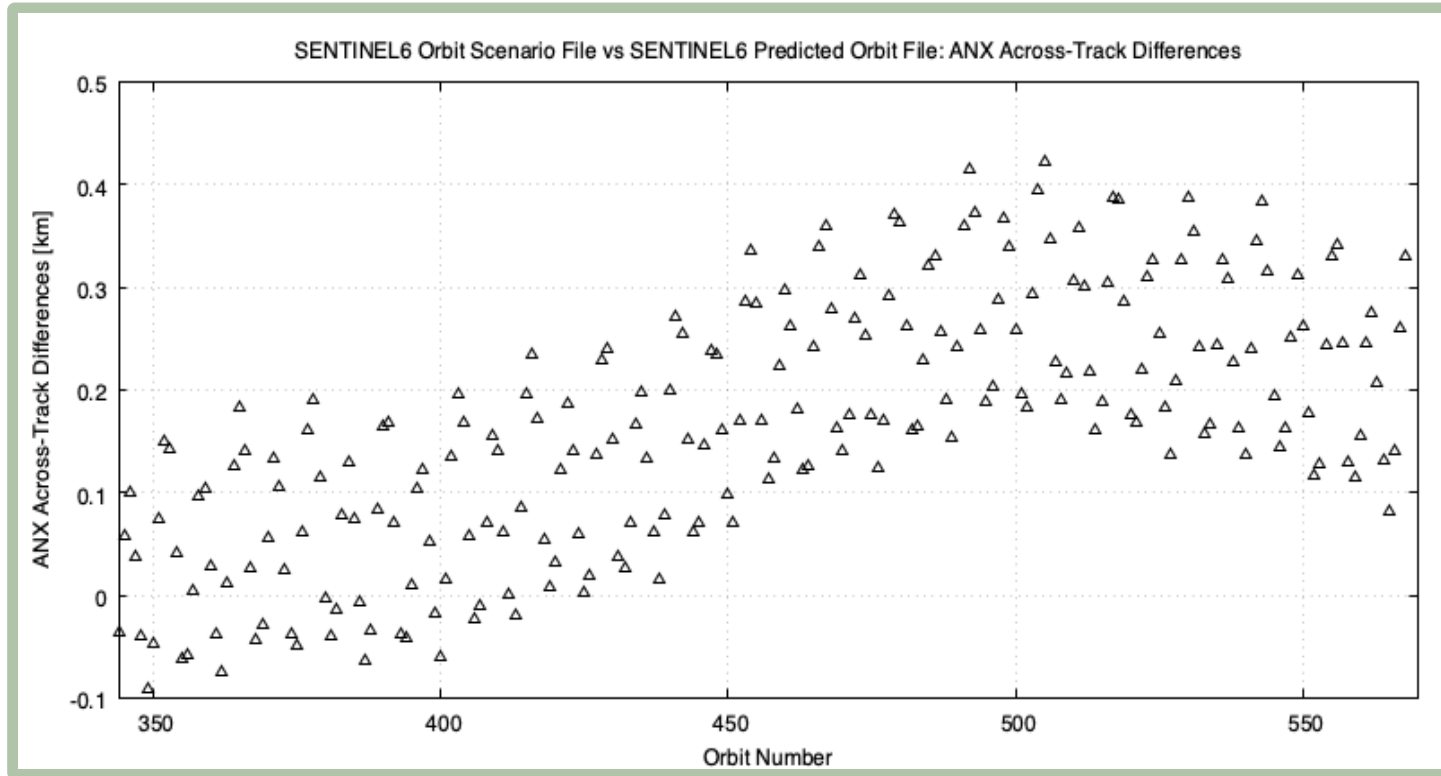
Differences in ANX UTC Time



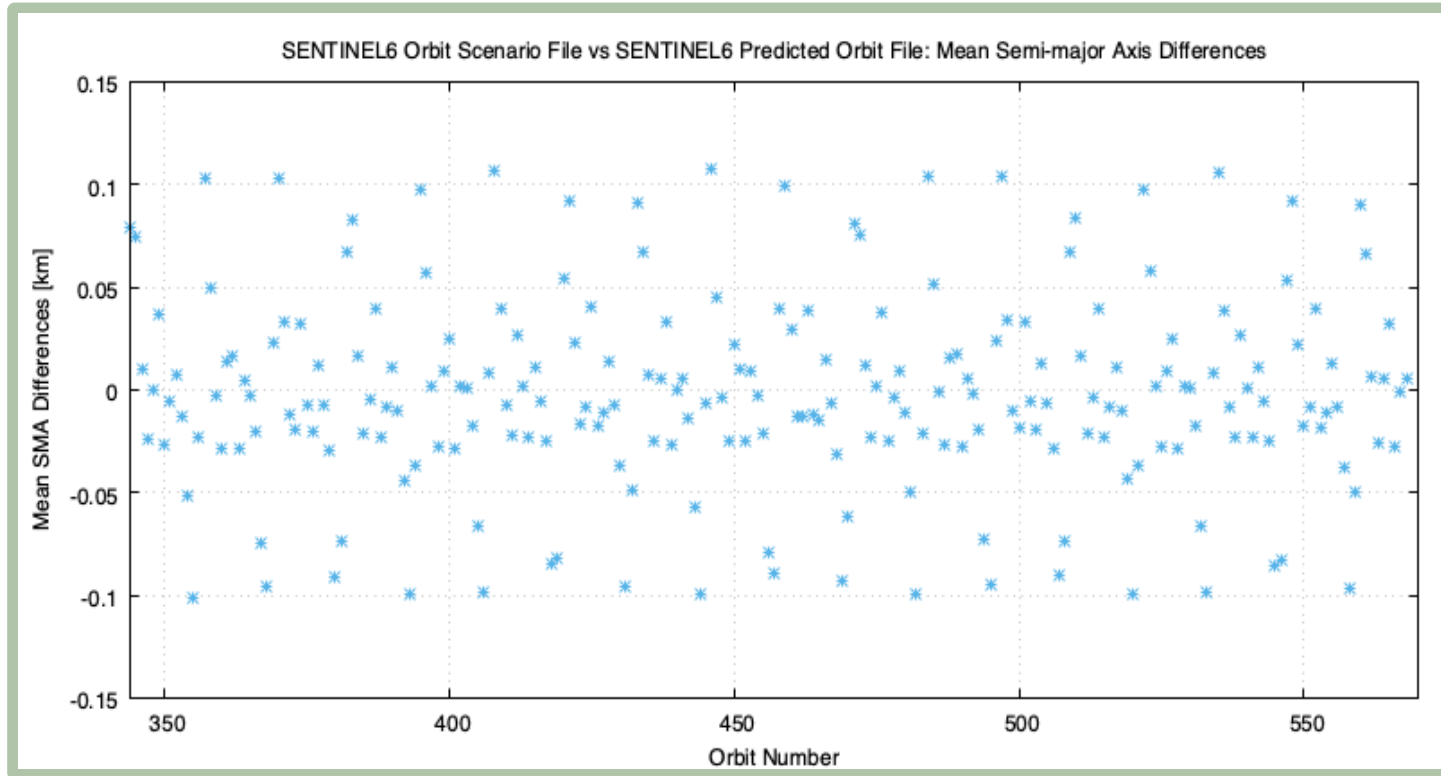
Differences in ANX Mean Local Solar Time



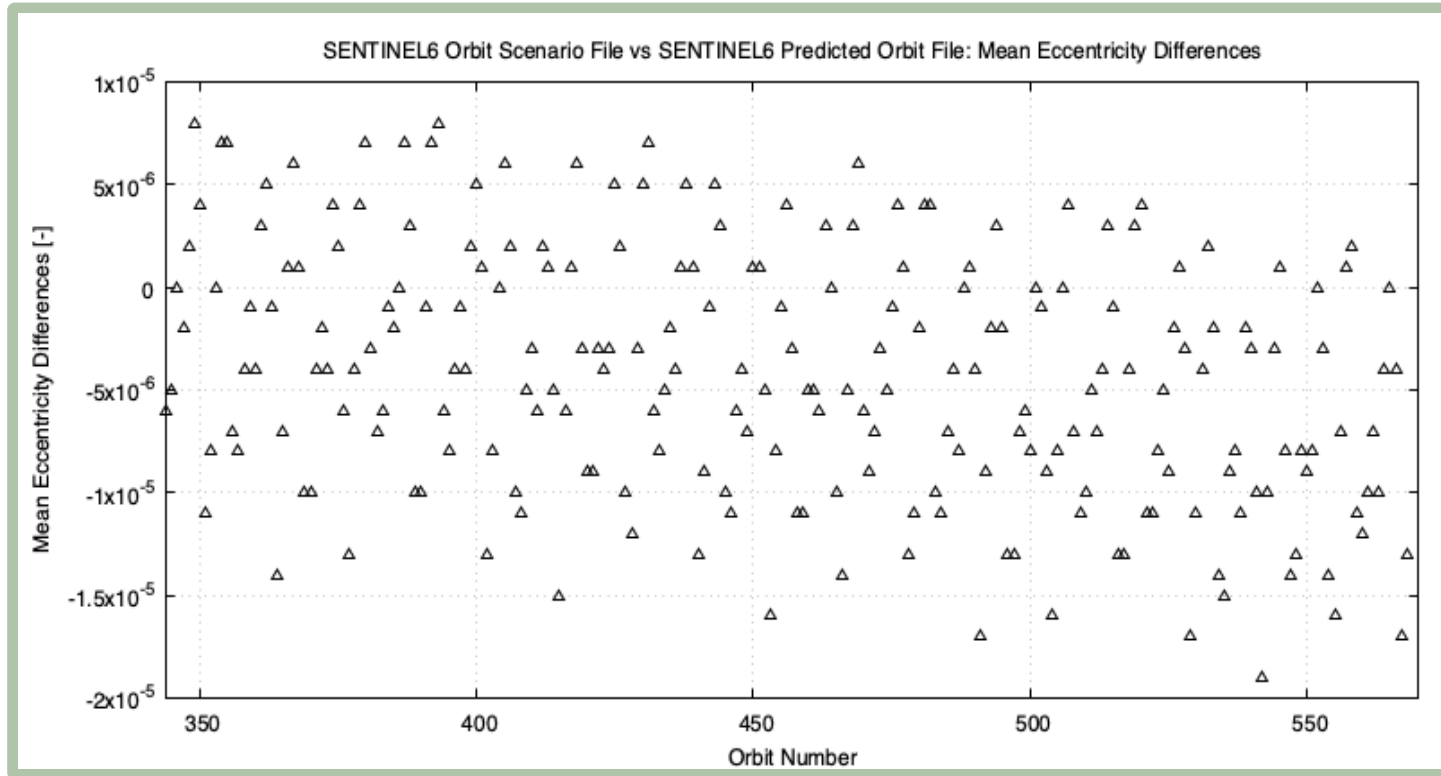
Differences in ANX Across-track



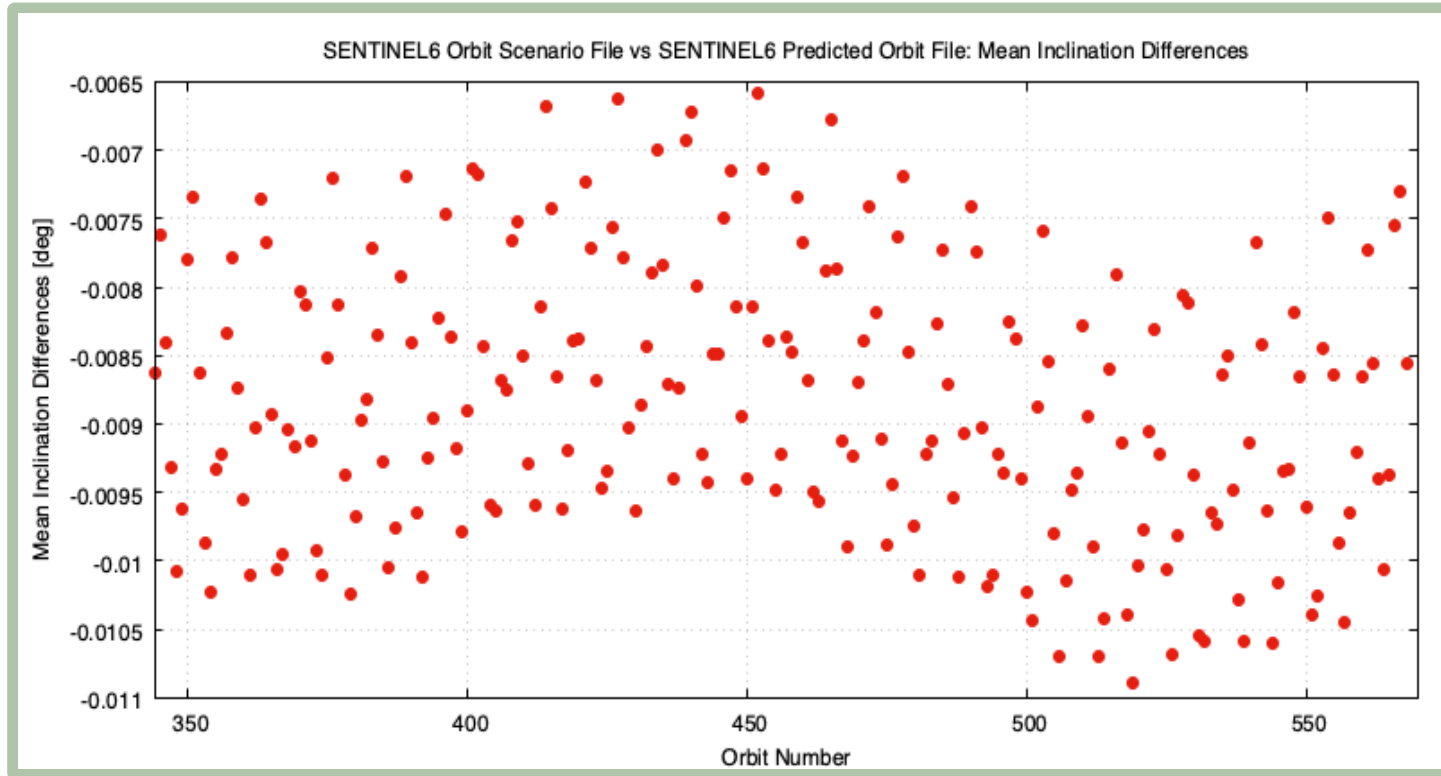
Differences in Mean Semi-major Axis



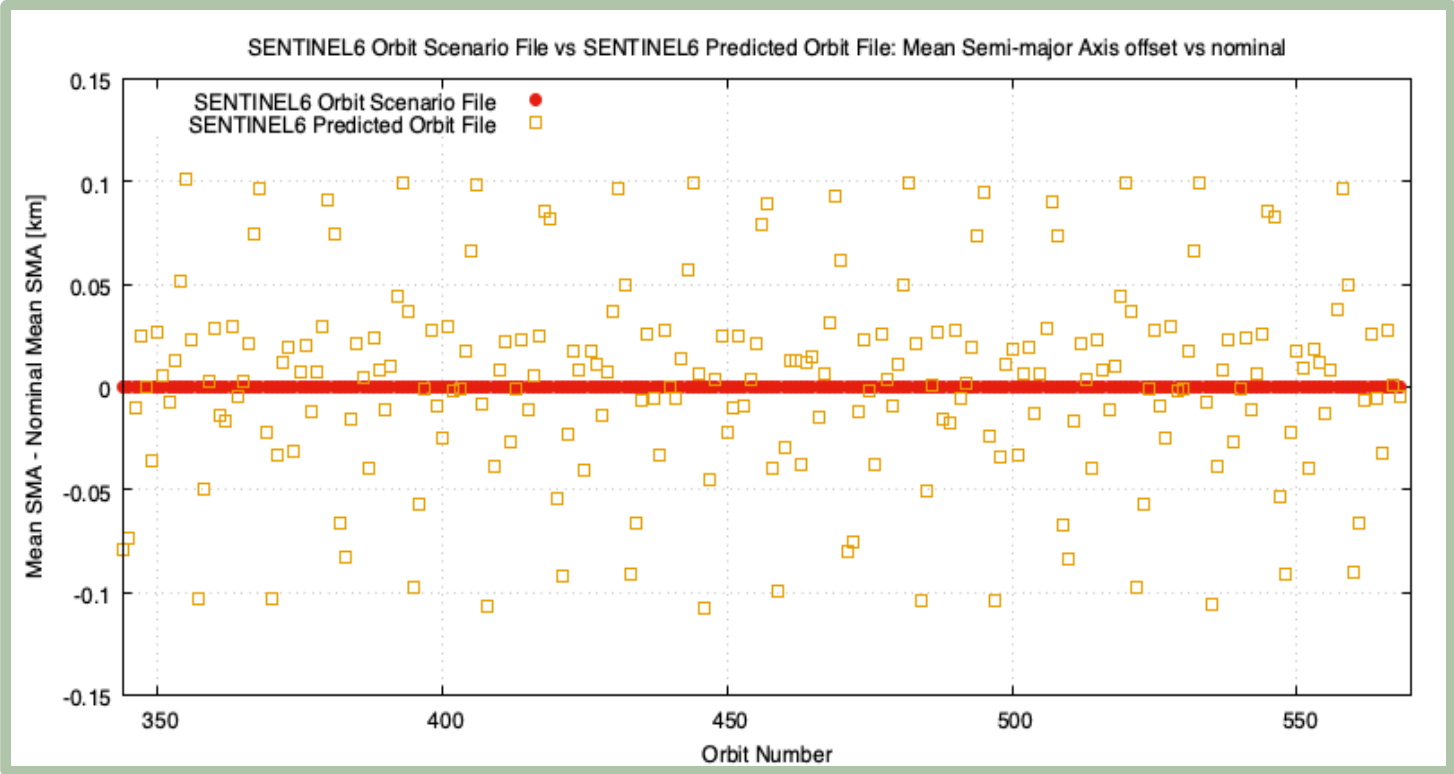
Differences in Eccentricity



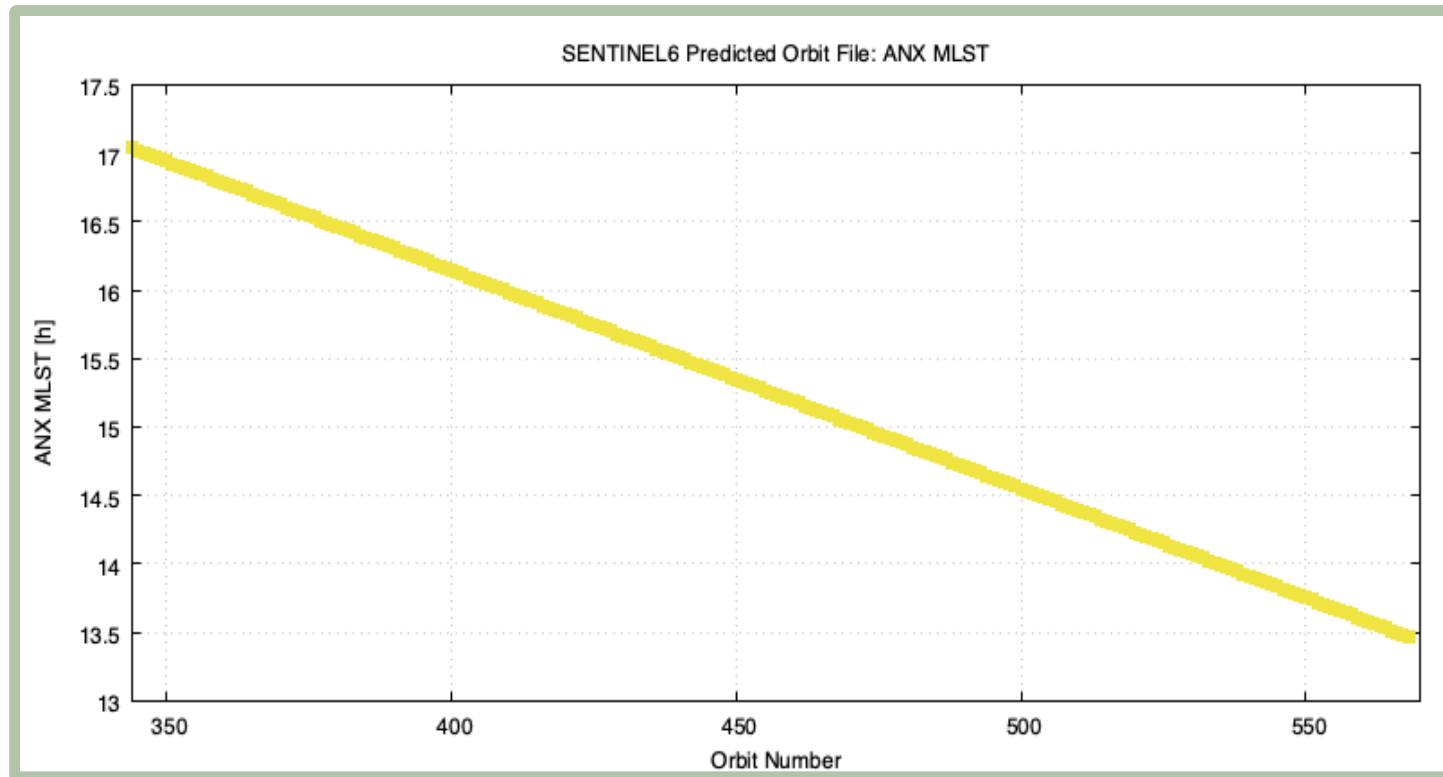
Differences in Mean Inclination



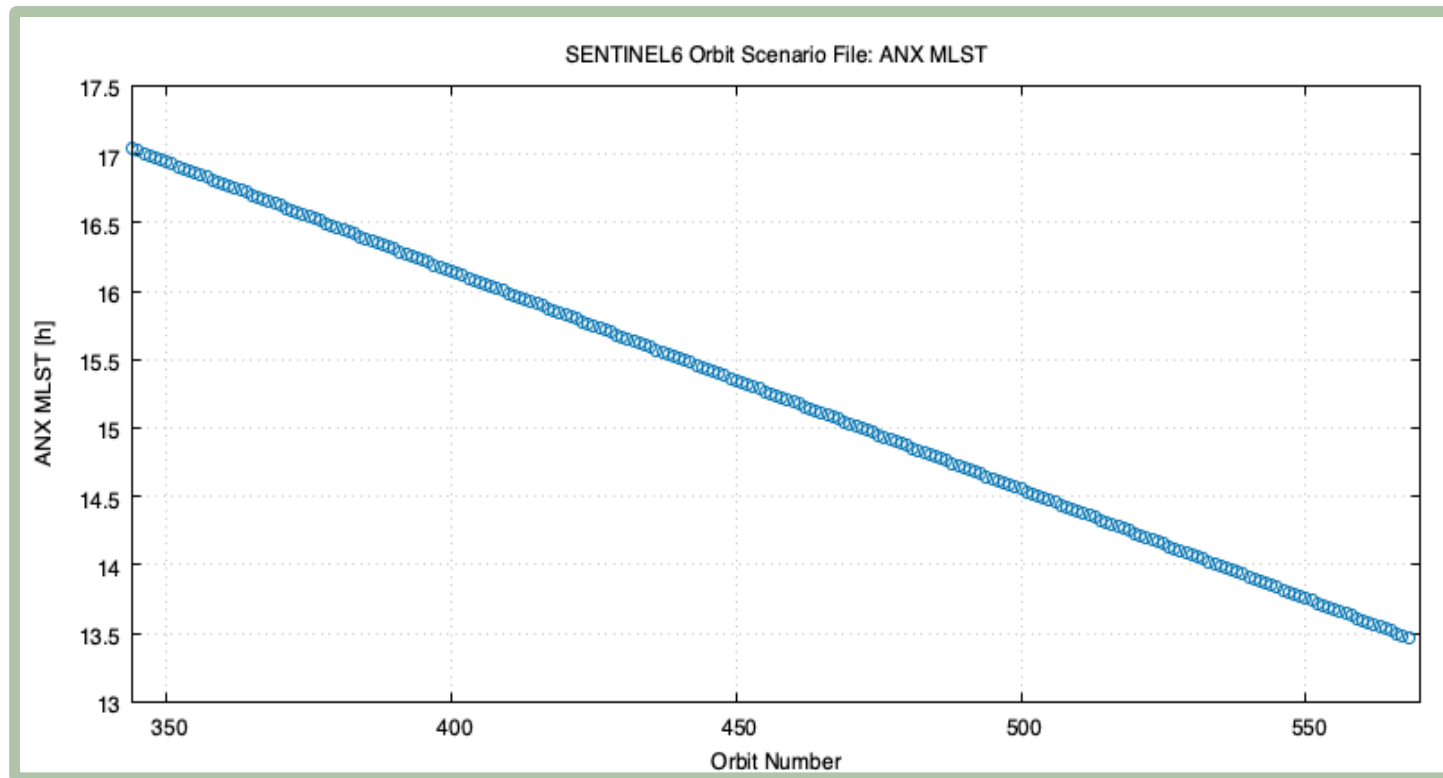
Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



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

