

SENTINEL6 Orbit Monitoring Report

Orbit Scenario File vs Predicted Orbit File

Report Generation Date: 2020-12-26T17:42:56

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

Orbit Scenario File

Filename	S6A_OPER_MPL_ORBSCT_20201121T182414_99999999T999999_0008_for_ESOVNG_SAMI_and_EOCFL_v4_15_and
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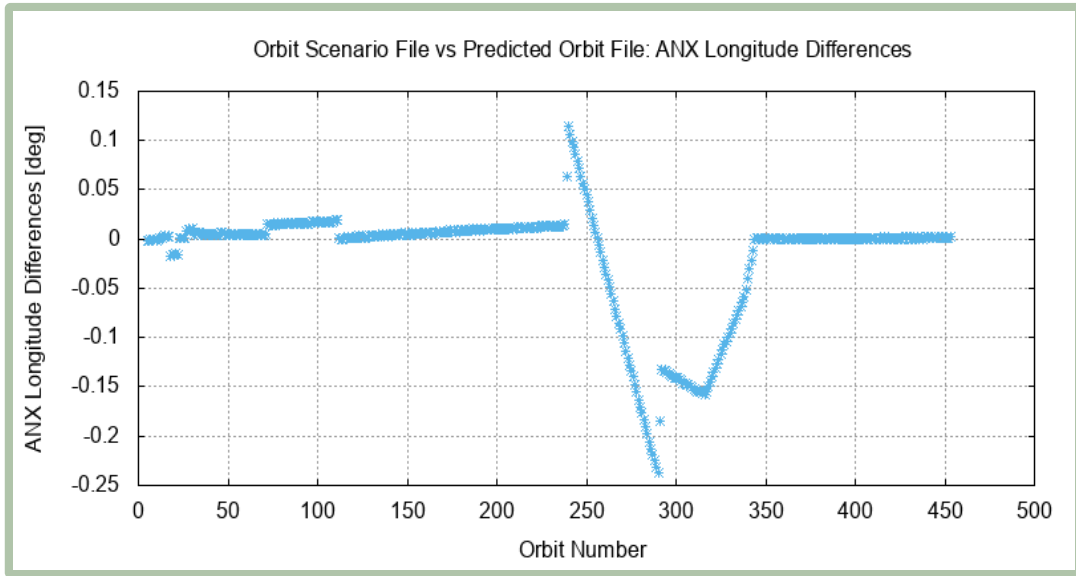
Predicted Orbit File

Filename	S6A_xx_ORBITPREDI_20201122T000000_20201227T000000_20201227T000000_MOC__OPE.EOF
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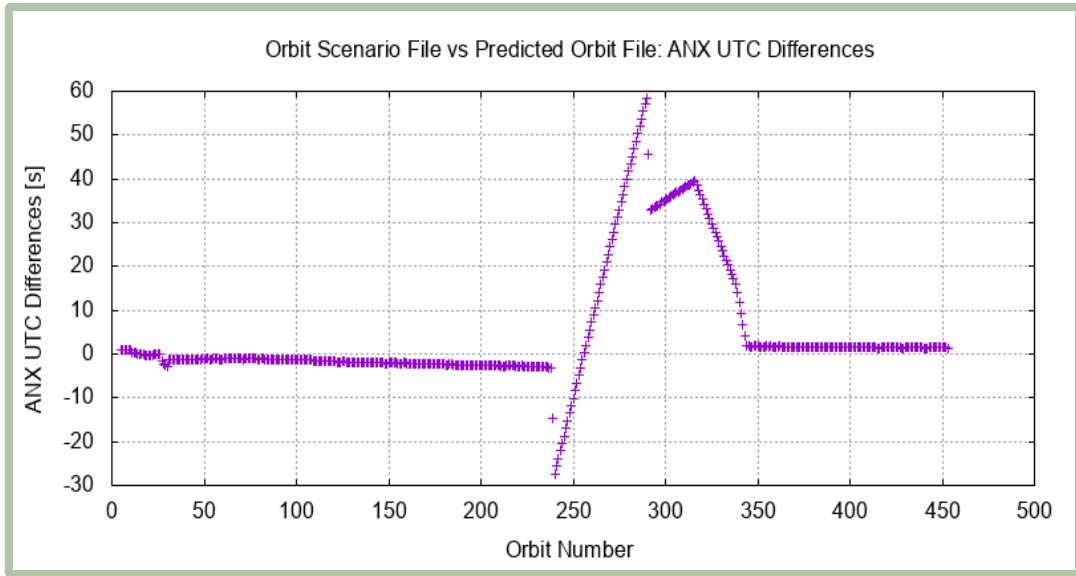
Reported Time Interval

Begin UTC Time	2020-11-22T01:52:20.051803
Begin Absolute Orbit	5
End UTC Time	2020-12-26T23:11:23.604027
End Absolute Orbit	453

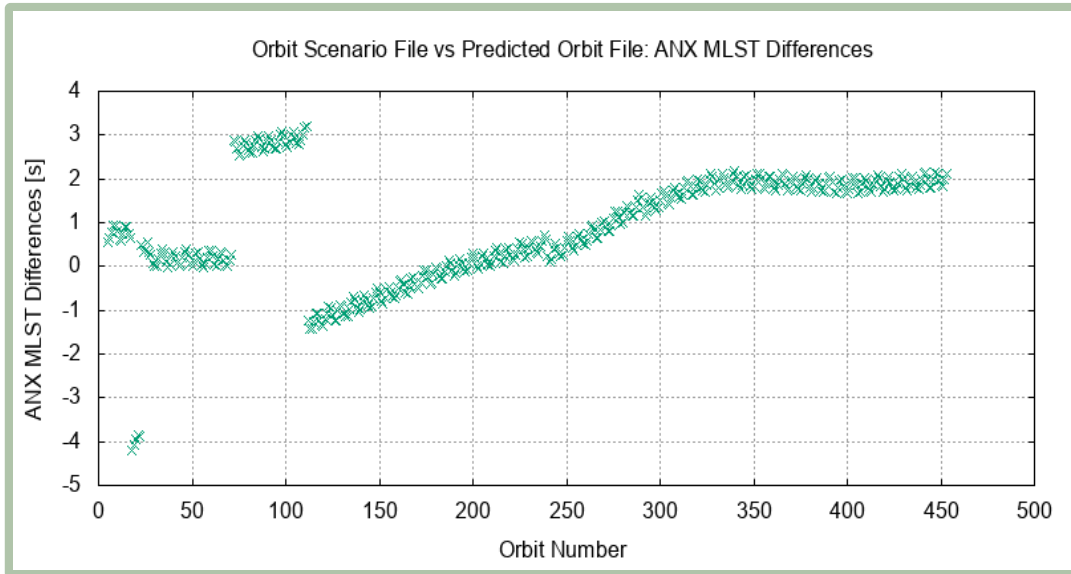
Differences in ANX Longitude



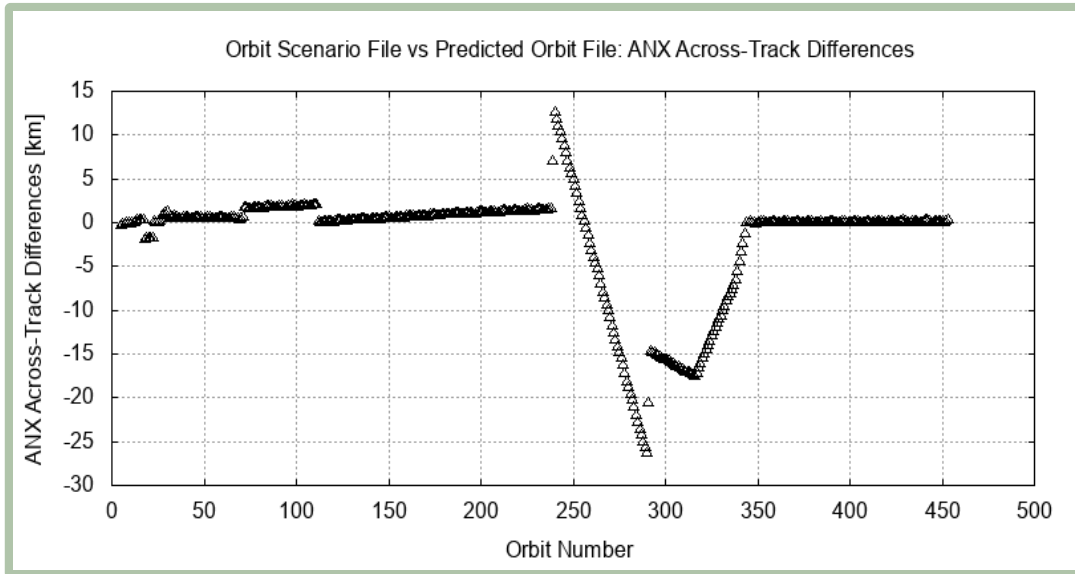
Differences in ANX UTC Time



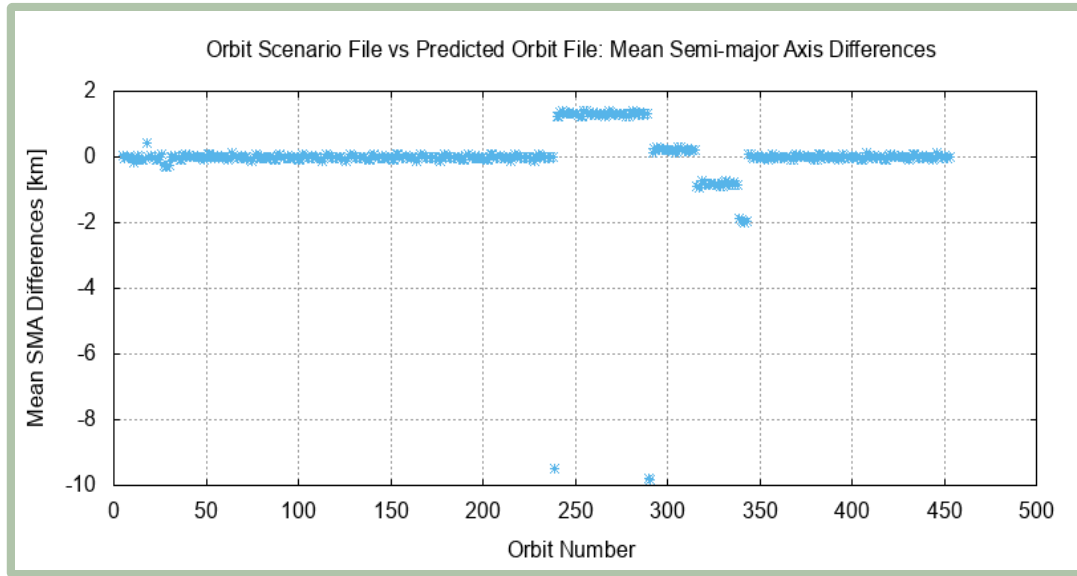
Differences in ANX Mean Local Solar Time



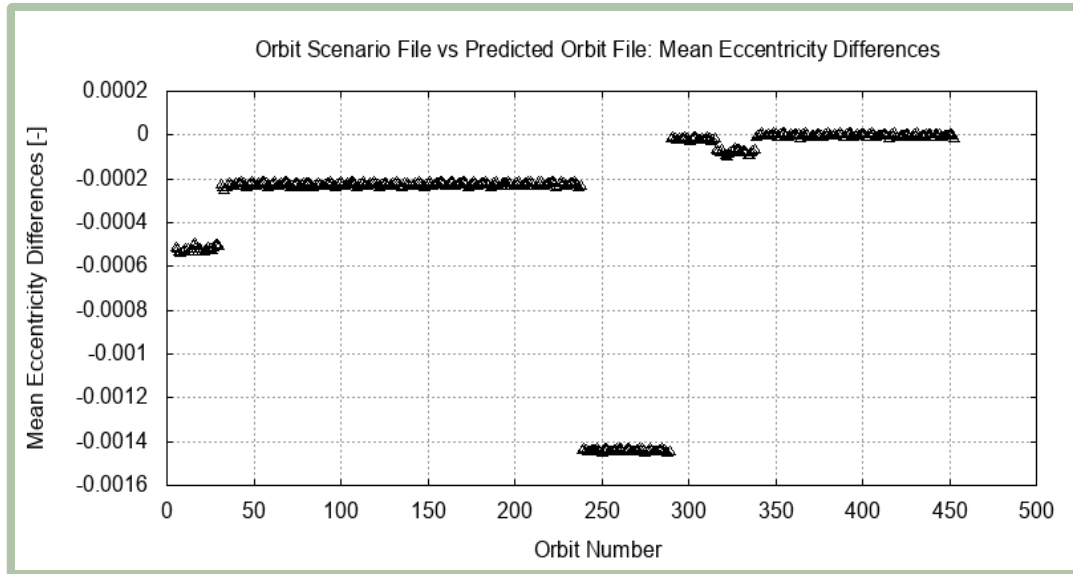
Differences in ANX Across-track



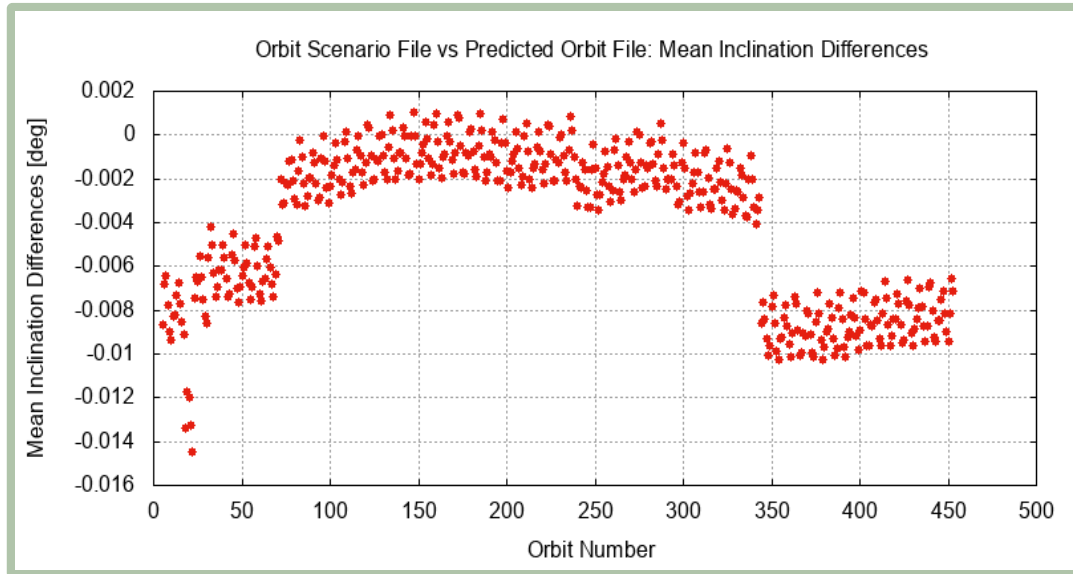
Differences in Mean Semi-major Axis



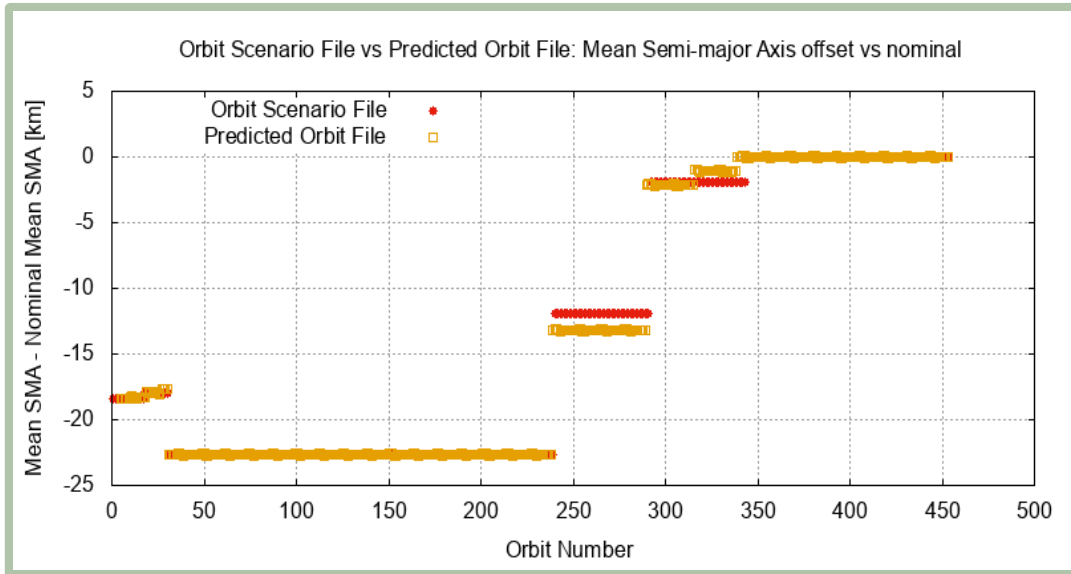
Differences in Eccentricity



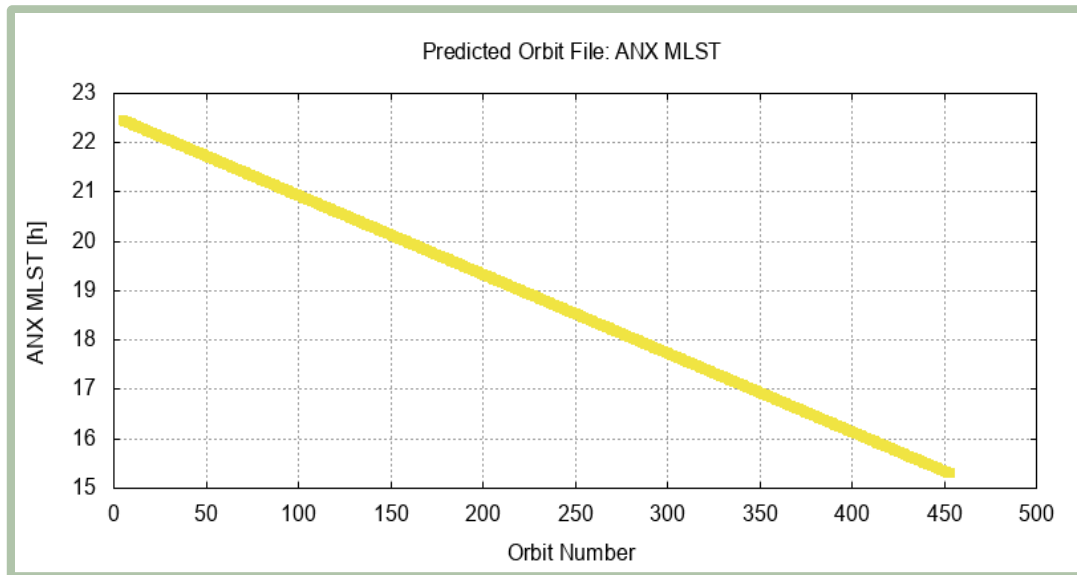
Differences in Mean Inclination



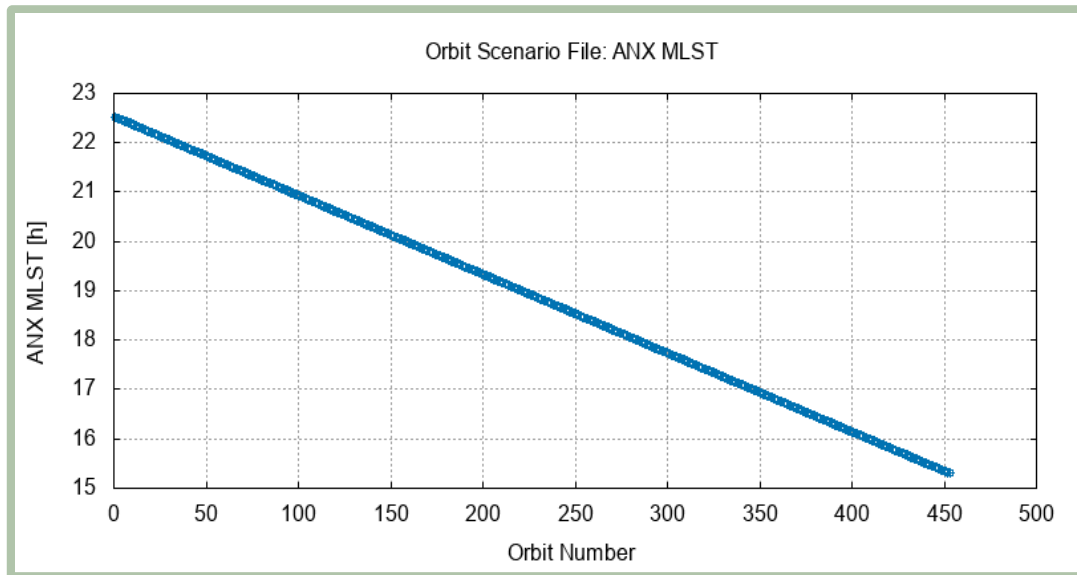
Evolution of Mean Semi-major Axis: Offset vs Nominal SMA



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

