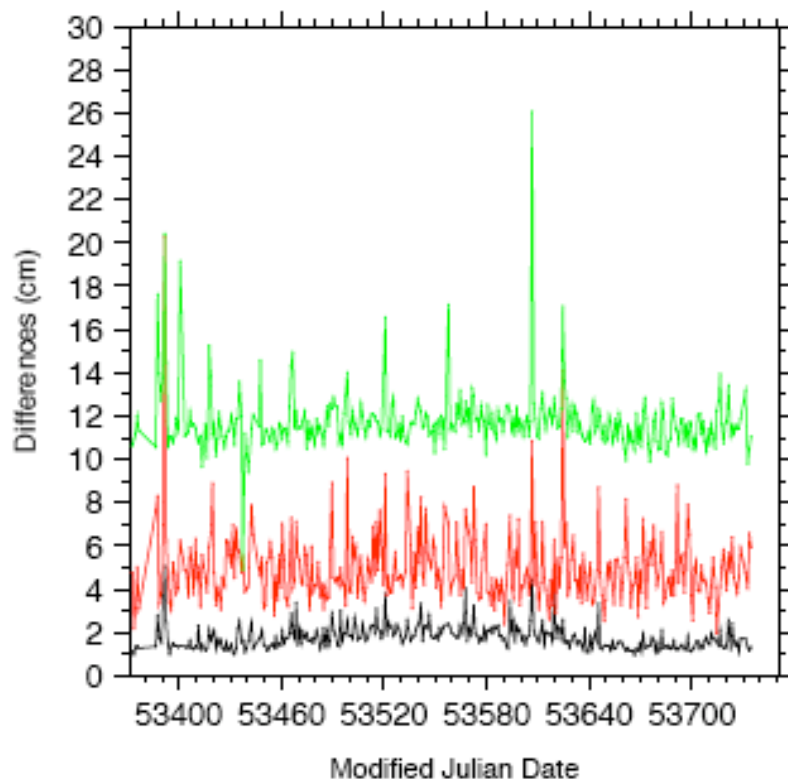
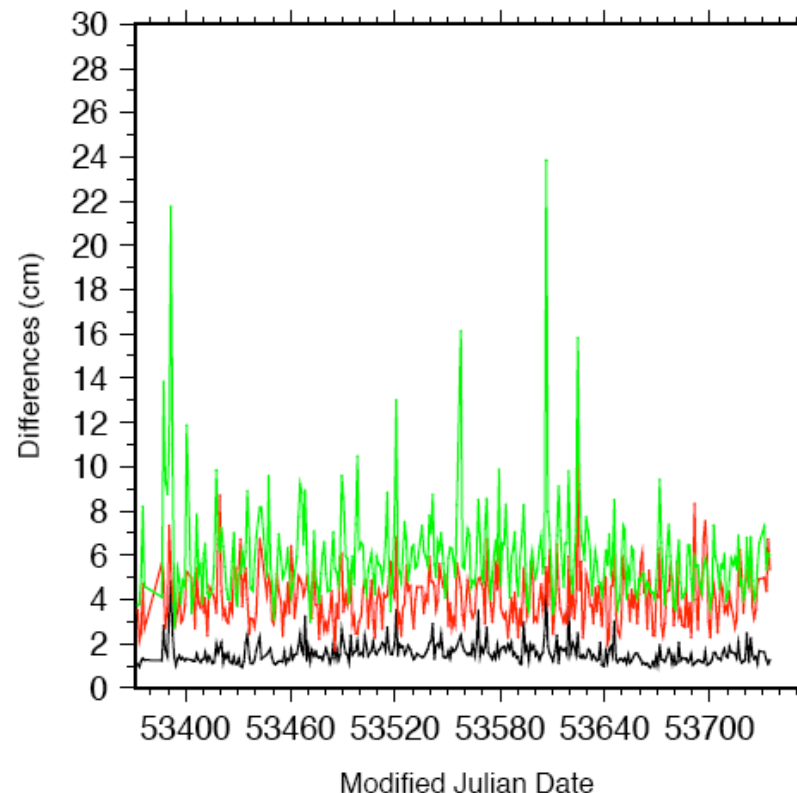


INA Comparisons (GSFC - SPOT2)

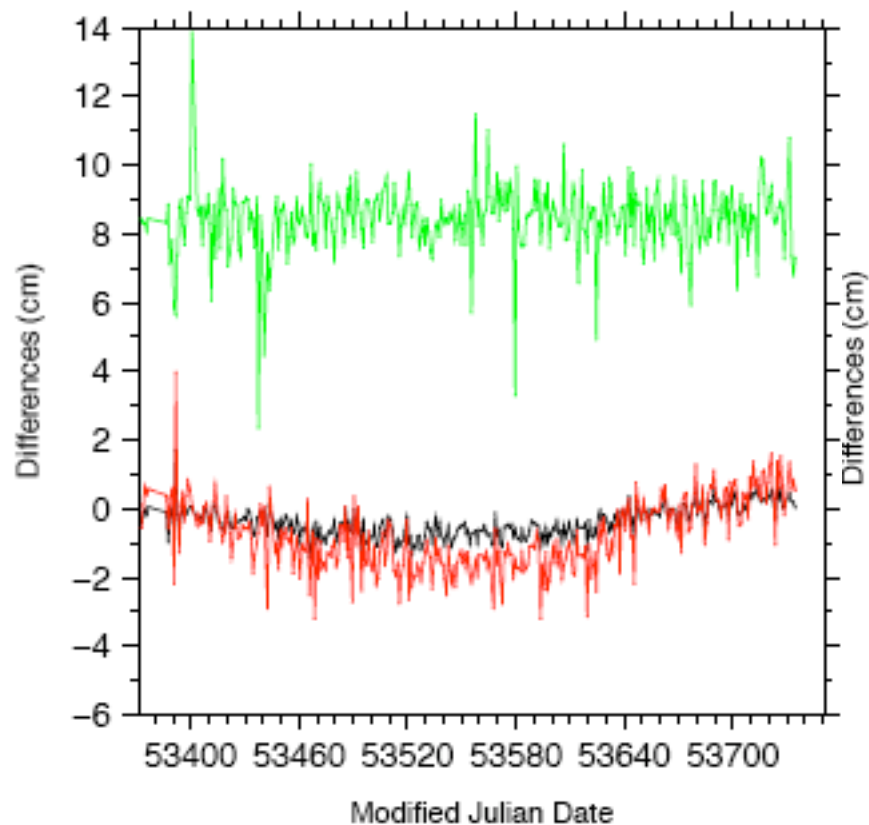


Radial RMS: 1.8 cm (341 arcs)
Along-Track RMS: 11.8 cm (341 arcs)
Cross-track RMS: 5.3 cm (341 arcs)

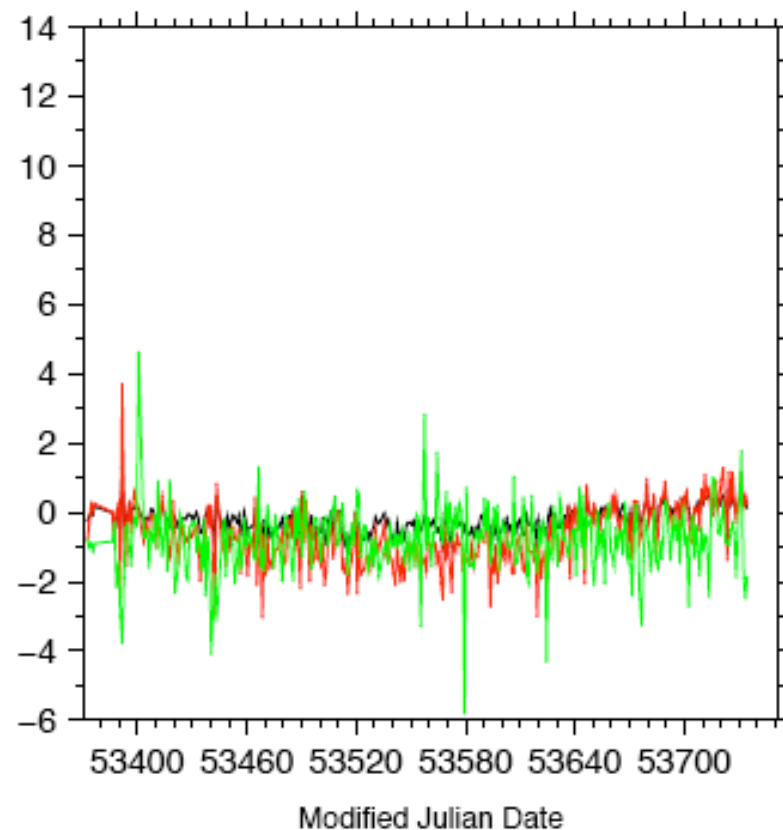


Radial RMS: 1.7 cm (340 arcs)
Along-Track RMS: 6.4 cm (340 arcs)
Cross-track RMS: 4.3 cm (340 arcs)

INA Comparisons (GSFC - SPOT2)

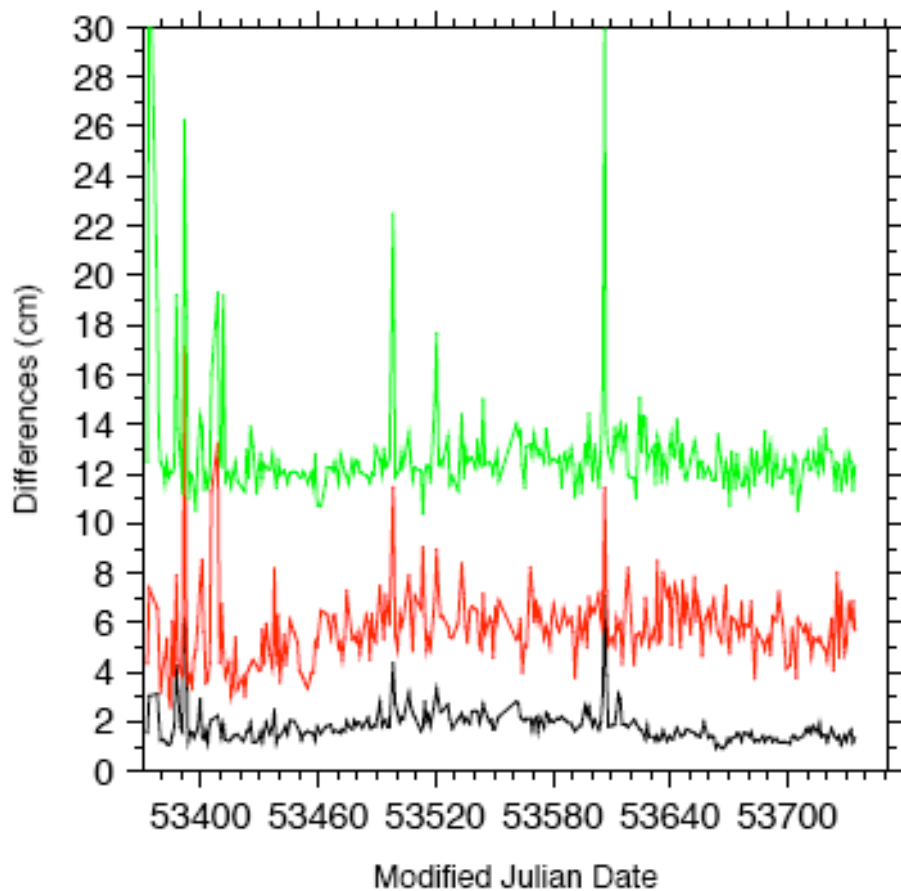


Radial Avg: -0.4 cm (341 arcs)
 Along-Track AVG: 8.4 cm (341 arcs)
 Cross-track AVG: -0.8 cm (341 arcs)

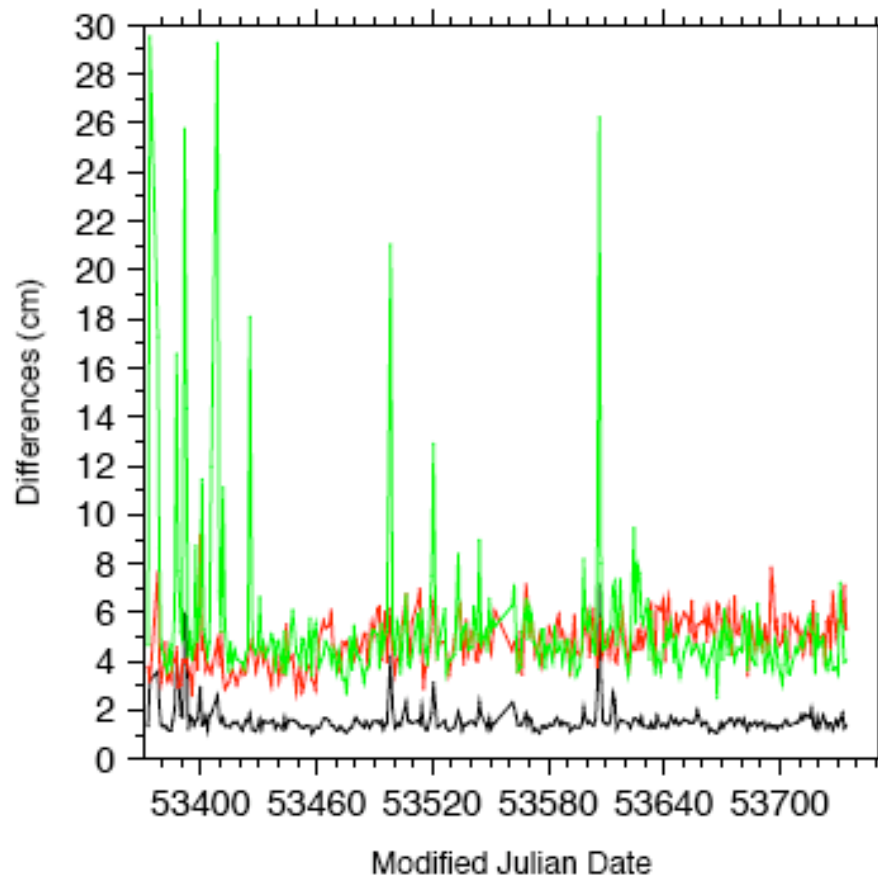


Radial Avg: -0.2 cm (340 arcs)
 Along-Track AVG: -0.8 cm (340 arcs)
 Cross-track AVG: -0.7 cm (340 arcs)

INA Comparisons (GSFC - ENVISAT)

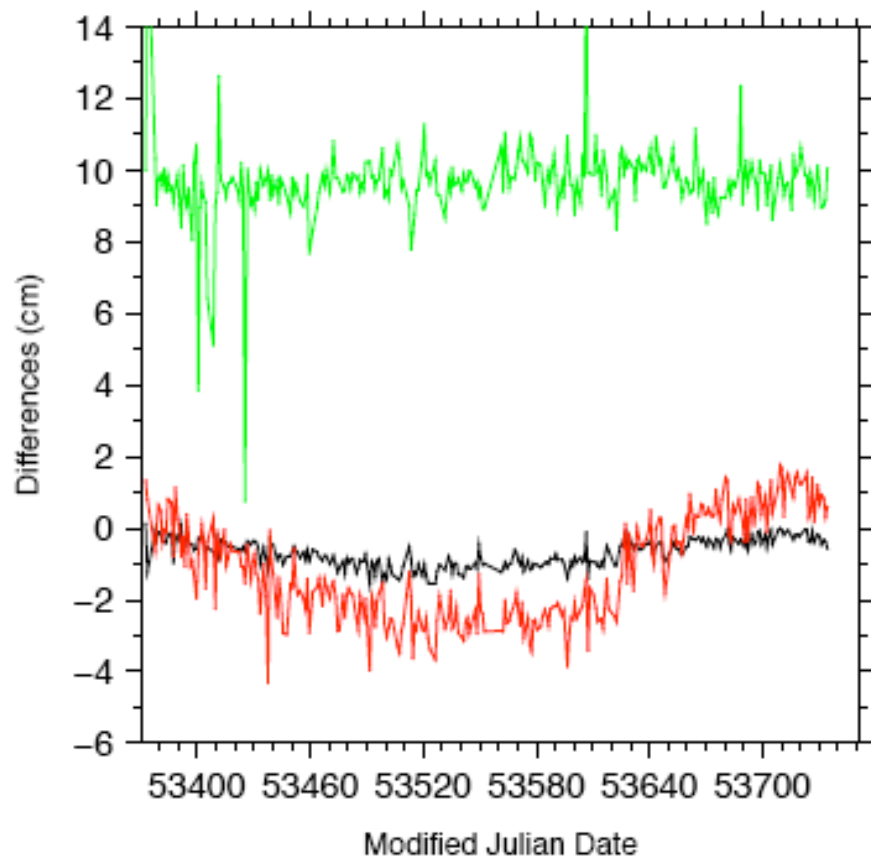


Radial RMS: 2.0 cm (292 arcs)
Along-Track RMS: 13.0 cm (292 arcs)
Cross-track RMS: 6.0 cm (292 arcs)

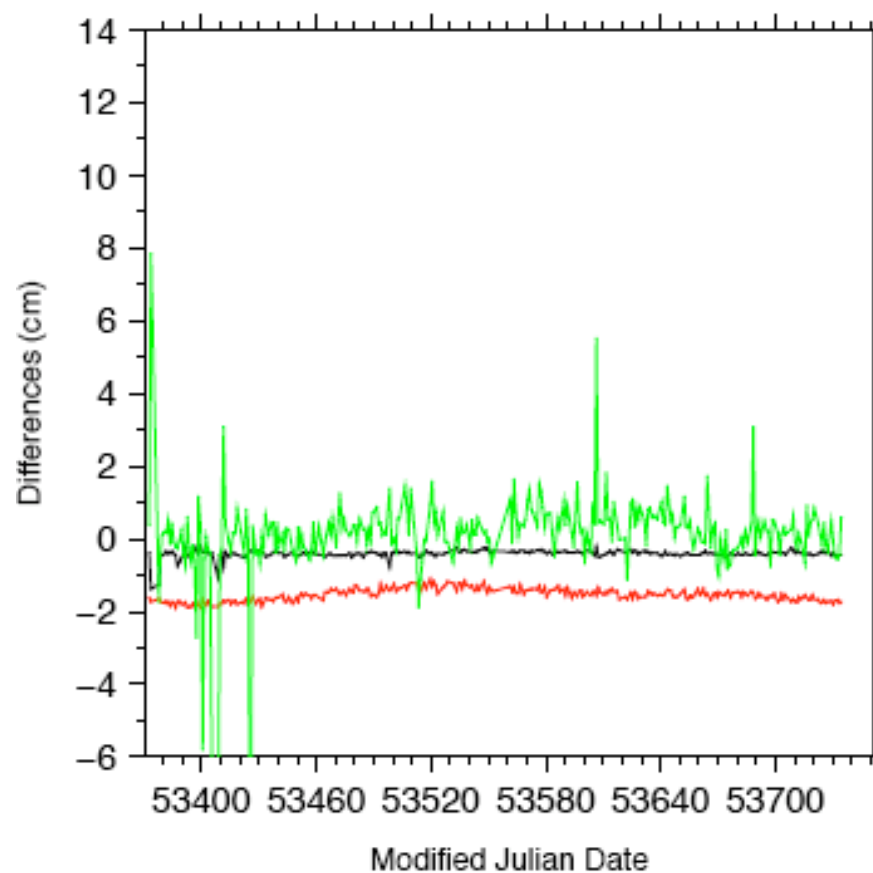


Radial RMS: 1.7 cm (292 arcs)
Along-Track RMS: 6.4 cm (292 arcs)
Cross-track RMS: 4.9 cm (292 arcs)

INA Comparisons (GSFC - ENVISAT)

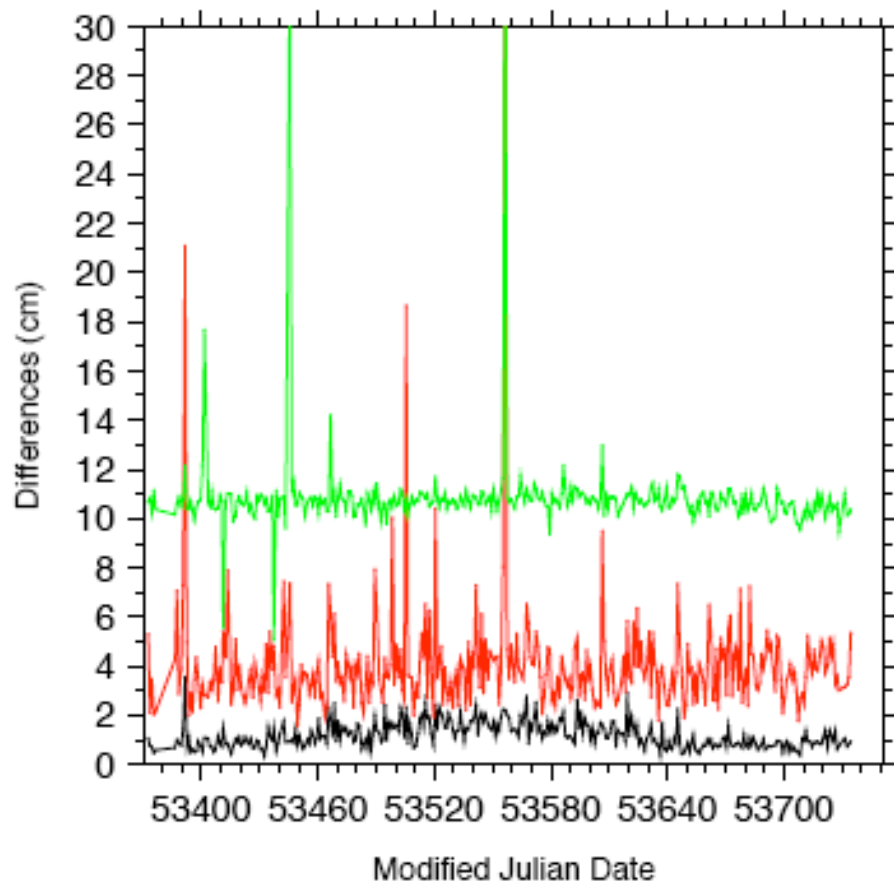


Radial Avg: -0.7 cm (292 arcs)
 Along-Track AVG: 9.7 cm (292 arcs)
 Cross-track AVG: -1.2 cm (292 arcs)

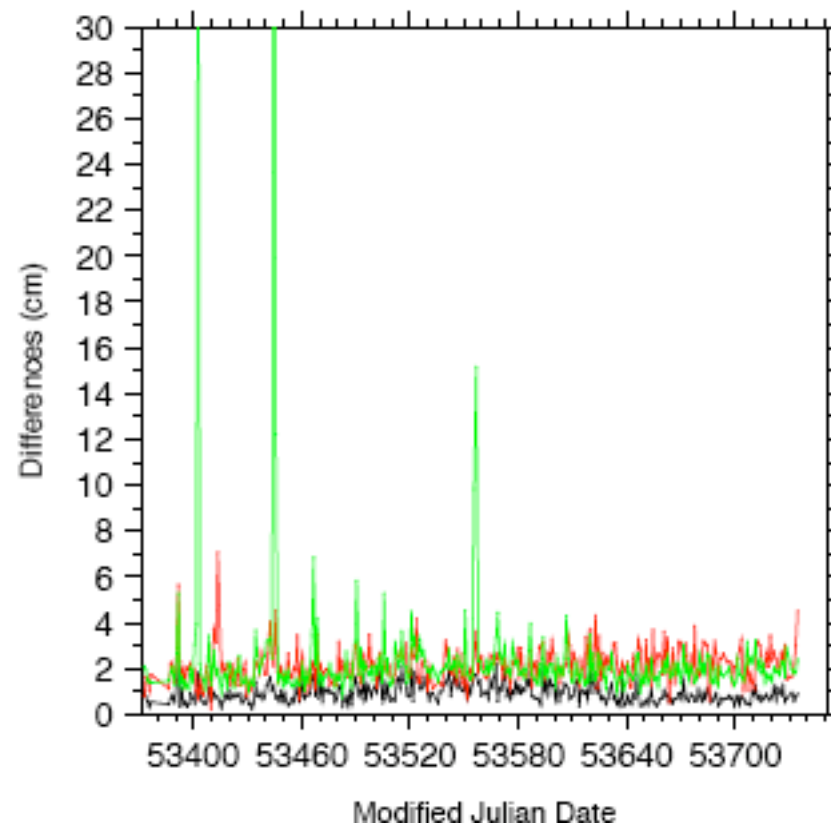


Radial Avg: -0.4 cm (292 arcs)
 Along-Track AVG: 0.1 cm (292 arcs)
 Cross-track AVG: -1.5 cm (292 arcs)

INA Comparisons (IGN - SPOT2)

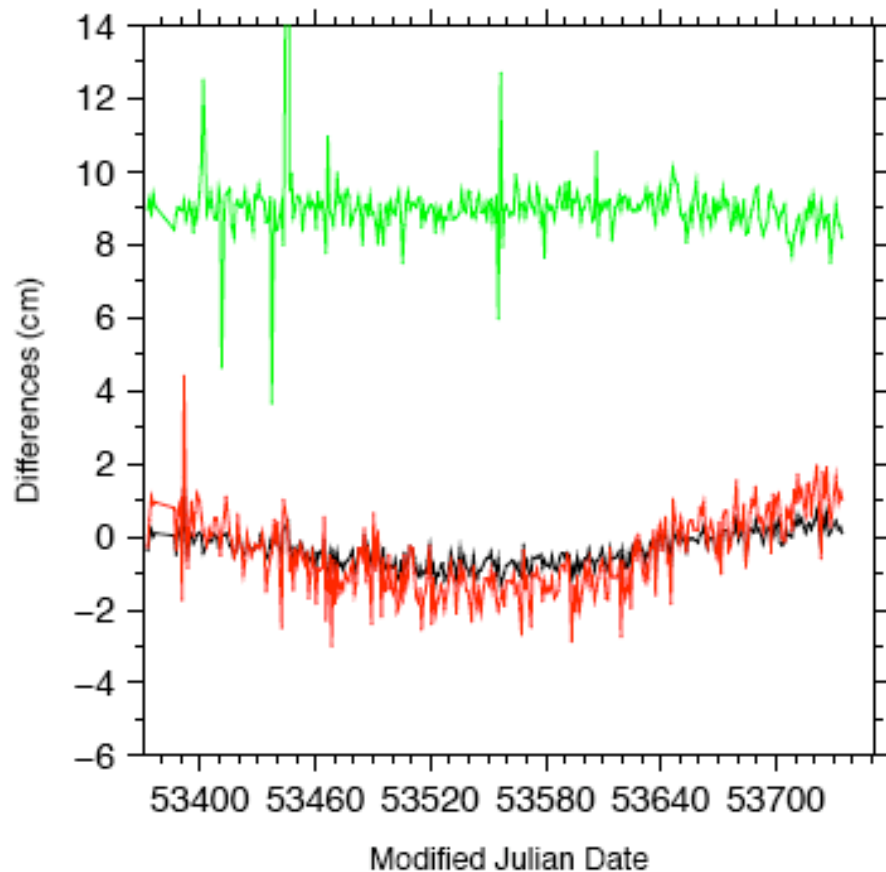


Radial RMS: 1.3 cm (344 arcs)
 Along-Track RMS: 11.0 cm (344 arcs)
 Cross-track RMS: 4.7 cm (344 arcs)

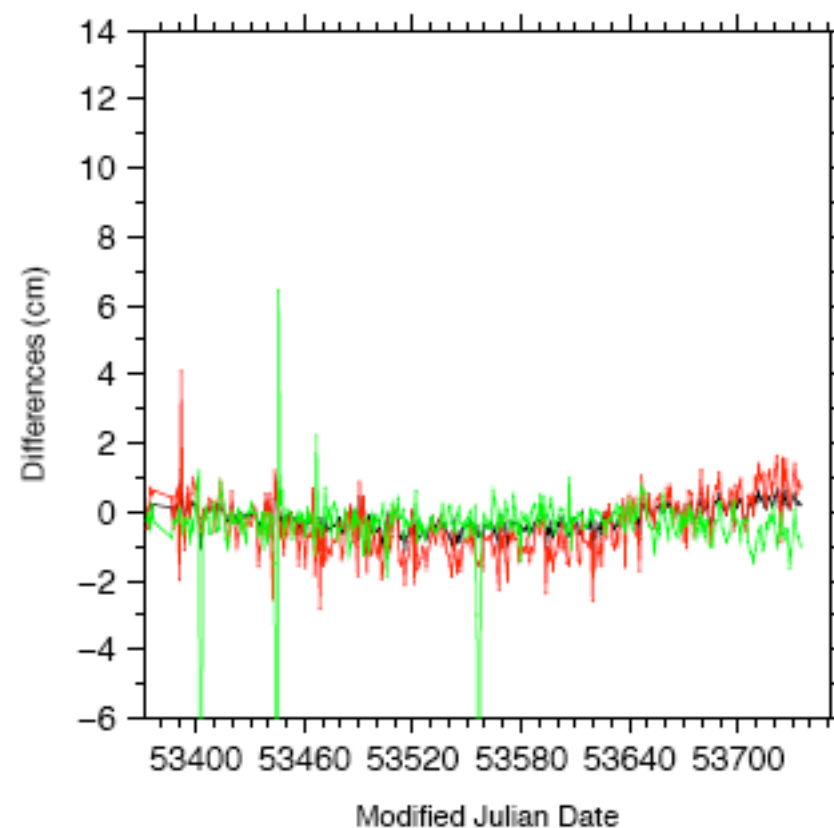


Radial RMS: 1.0 cm (345 arcs)
 Along-Track RMS: 4.2 cm (345 arcs)
 Cross-track RMS: 2.3 cm (345 arcs)

INA Comparisons (IGN - SPOT2)

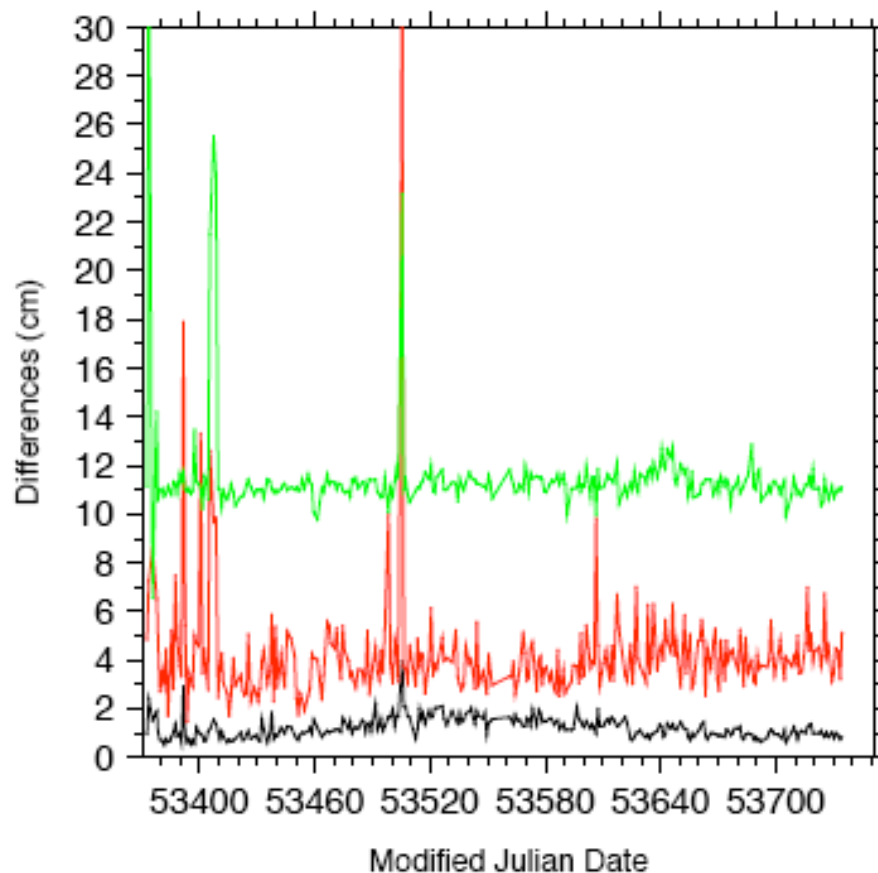


Radial Avg: -0.4 cm (344 arcs)
 Along-Track AVG: 9.0 cm (344 arcs)
 Cross-track AVG: -0.5 cm (344 arcs)

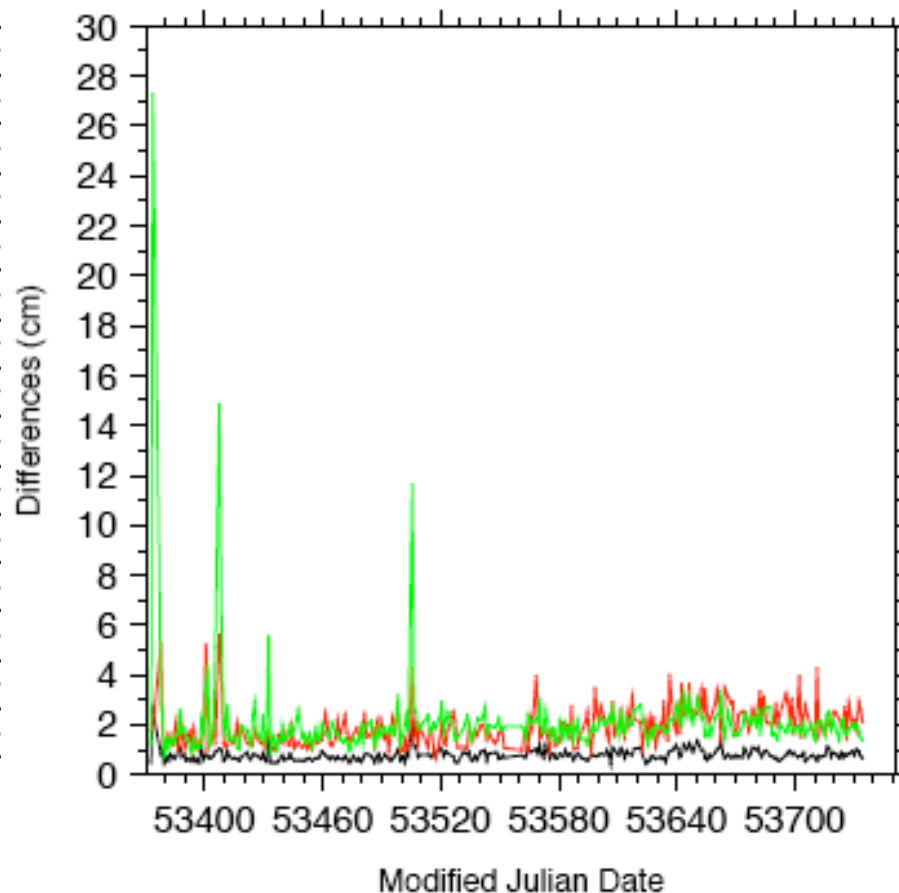


Radial Avg: -0.2 cm (345 arcs)
 Along-Track AVG: -0.5 cm (345 arcs)
 Cross-track AVG: -0.4 cm (345 arcs)

INA Comparisons (IGN - ENVISAT)

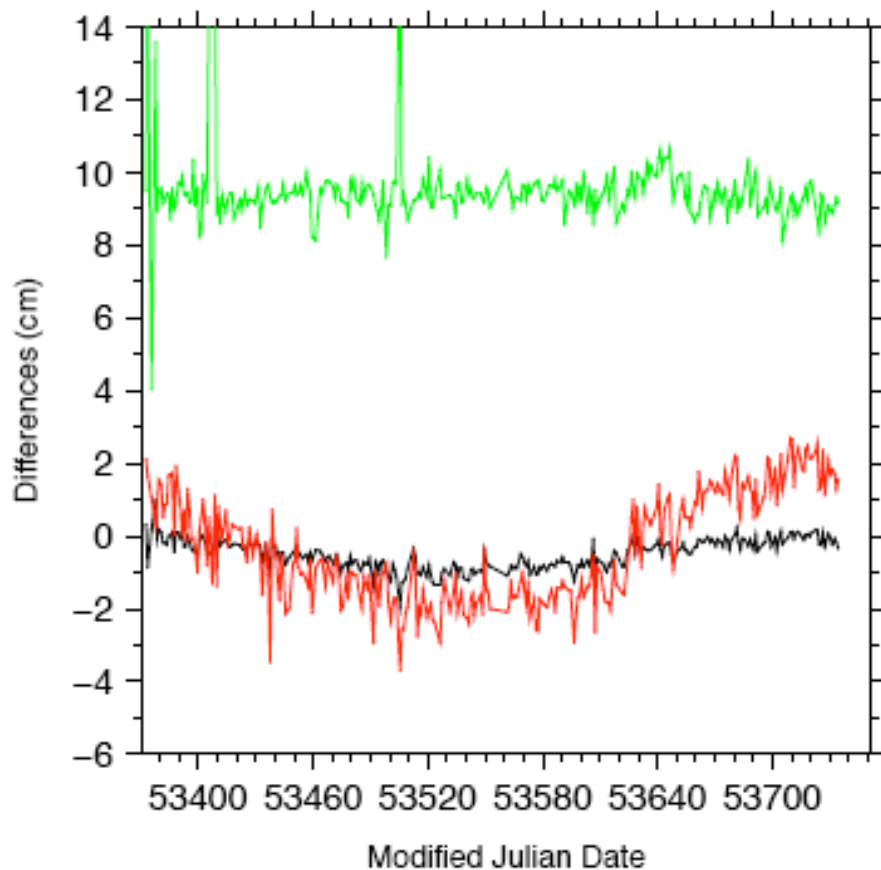


Radial RMS: 1.3 cm (294 arcs)
 Along-Track RMS: 11.6 cm (294 arcs)
 Cross-track RMS: 4.8 cm (294 arcs)

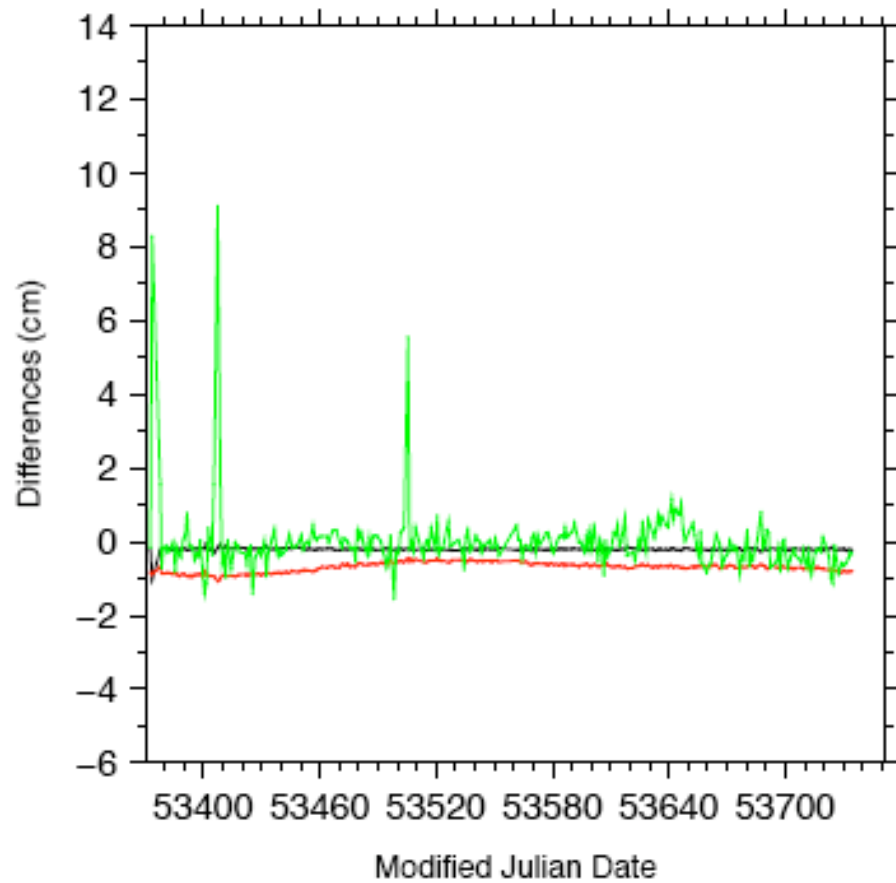


Radial RMS: 0.8 cm (292 arcs)
 Along-Track RMS: 2.8 cm (292 arcs)
 Cross-track RMS: 2.1 cm (292 arcs)

INA Comparisons (IGN - ENVISAT)

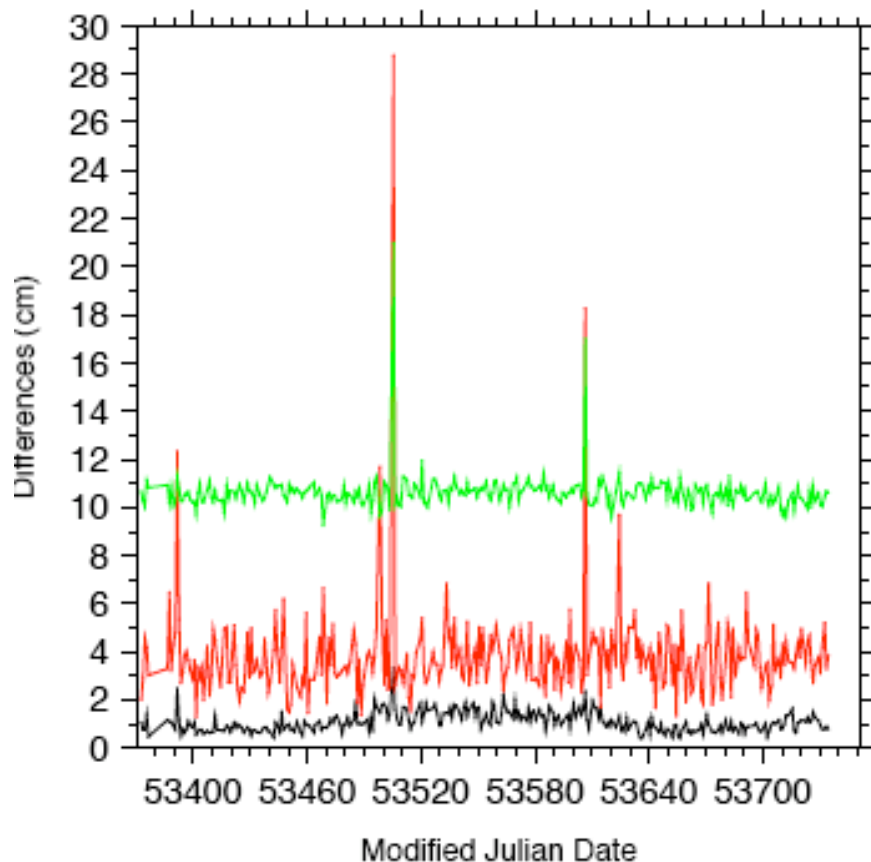


Radial Avg: -0.5 cm (294 arcs)
 Along-Track AVG: 9.5 cm (294 arcs)
 Cross-track AVG: -0.3 cm (294 arcs)

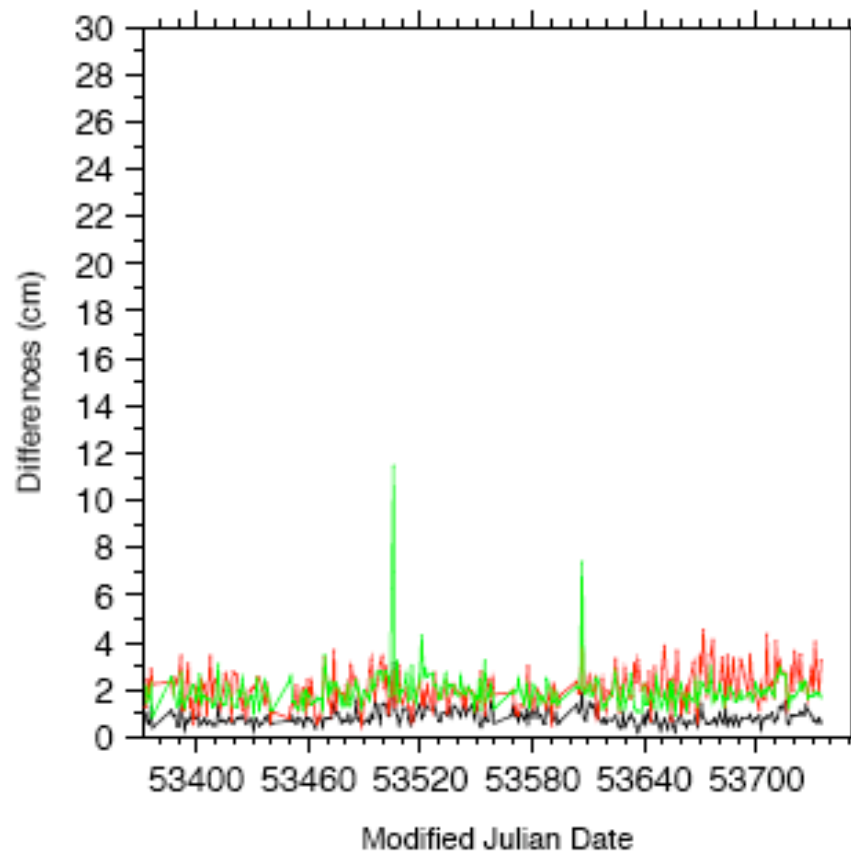


Radial Avg: -0.2 cm (292 arcs)
 Along-Track AVG: -0.0 cm (292 arcs)
 Cross-track AVG: -0.7 cm (292 arcs)

INA Comparisons (IGN - SPOT4)

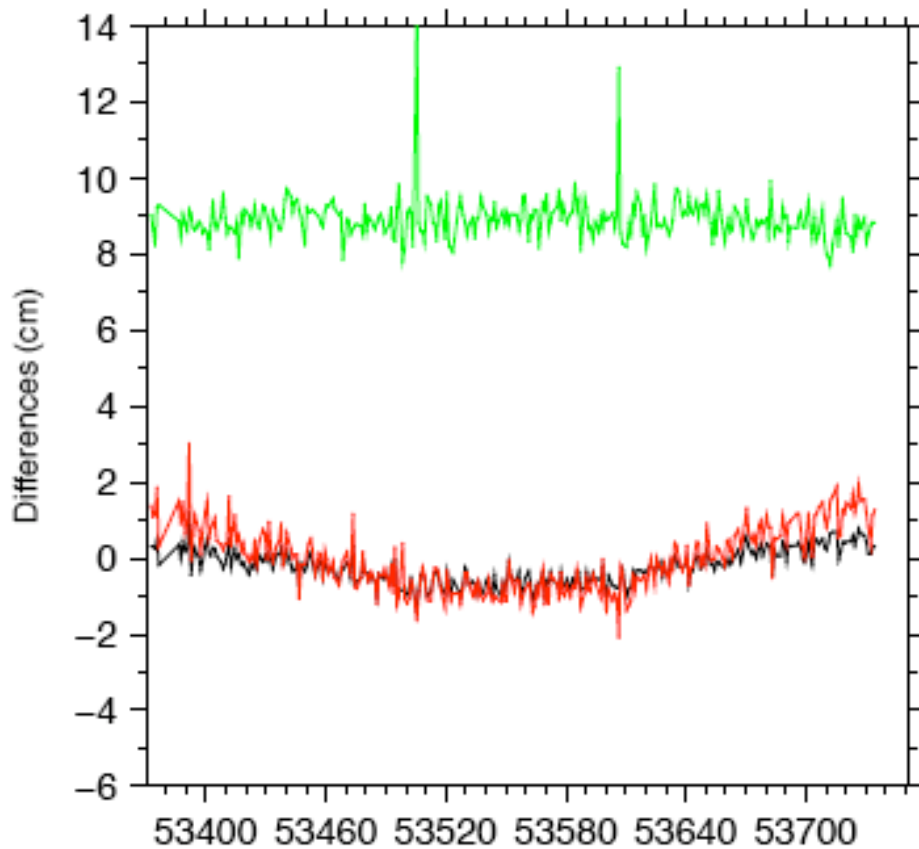


Radial RMS: 1.2 cm (303 arcs)
Along-Track RMS: 10.7 cm (303 arcs)
Cross-track RMS: 4.4 cm (303 arcs)

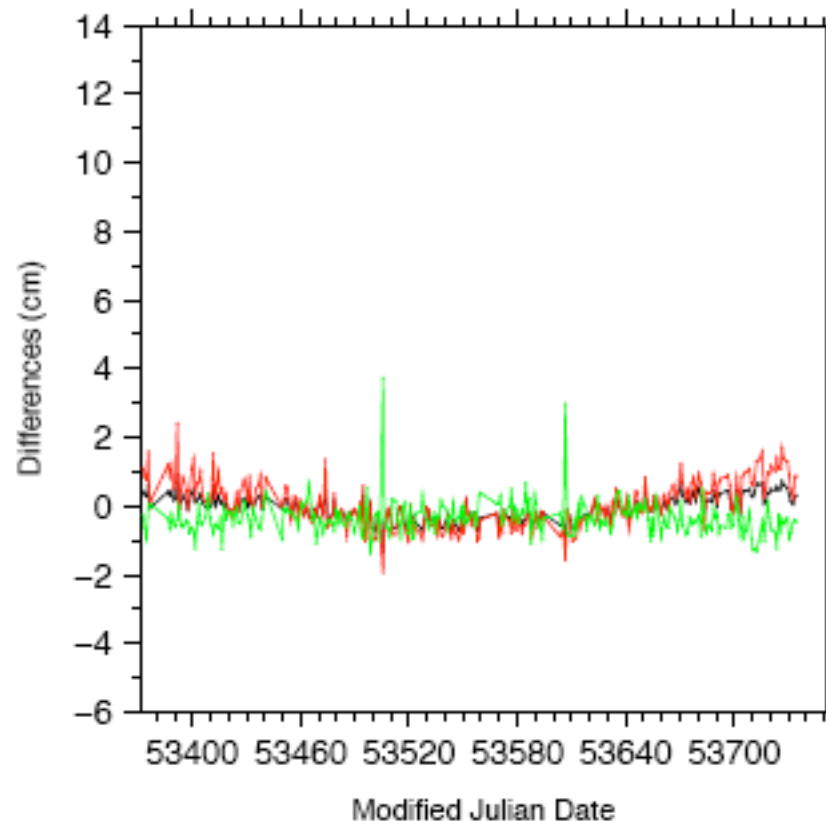


Radial RMS: 0.9 cm (285 arcs)
Along-Track RMS: 2.1 cm (285 arcs)
Cross-track RMS: 2.1 cm (285 arcs)

INA Comparisons (IGN - SPOT4)

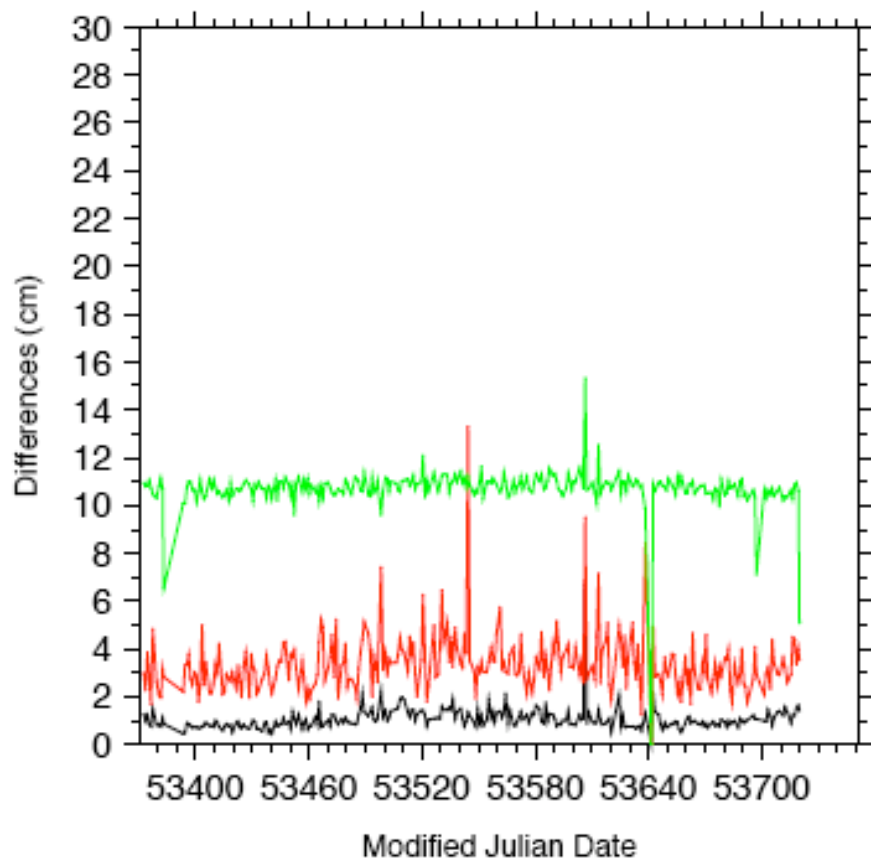


Radial Avg: -0.2 cm (303 arcs)
Along-Track AVG: 8.9 cm (303 arcs)
 Cross-track AVG: -0.0 cm (303 arcs)

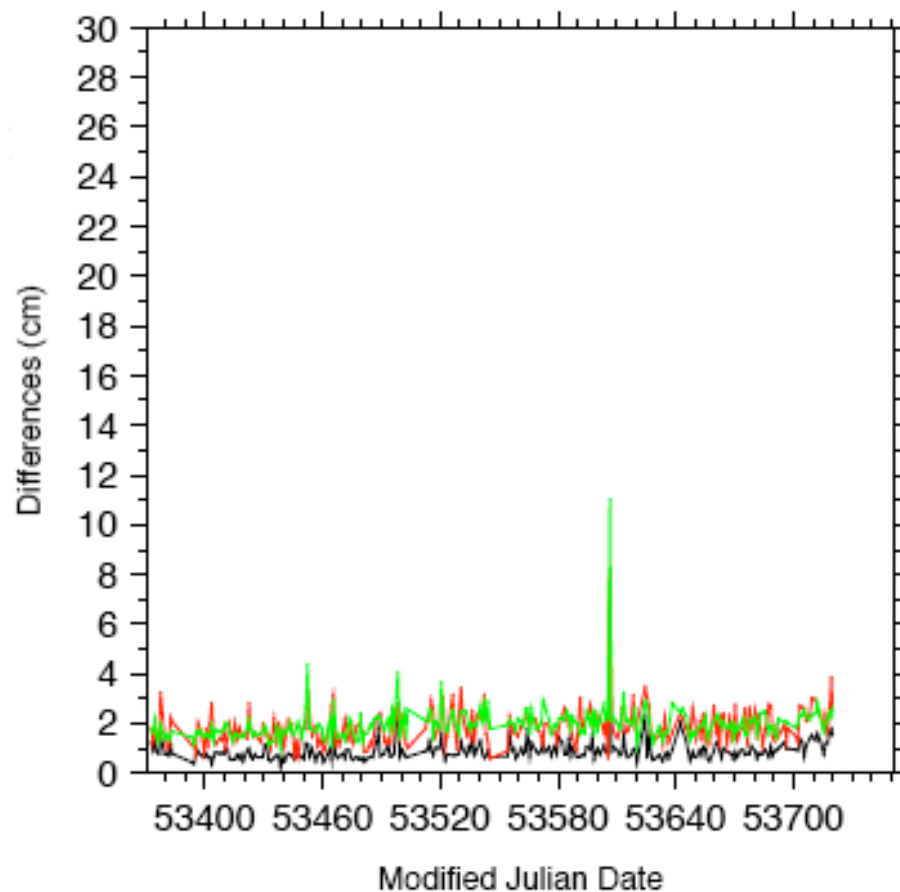


Radial Avg: -0.1 cm (285 arcs)
Along-Track AVG: -0.3 cm (285 arcs)
 Cross-track AVG: 0.1 cm (285 arcs)

INA Comparisons (IGN - SPOT5)

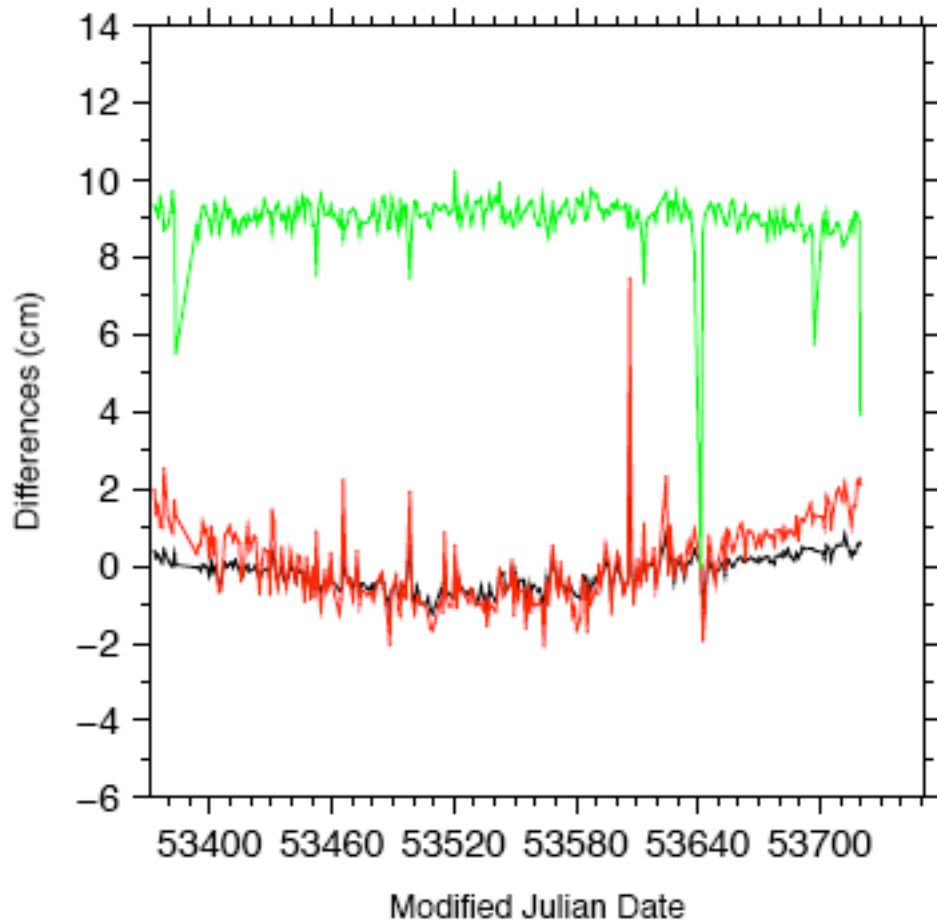


Radial RMS: 1.2 cm (284 arcs)
 Along-Track RMS: 10.7 cm (284 arcs)
 Cross-track RMS: 3.6 cm (284 arcs)

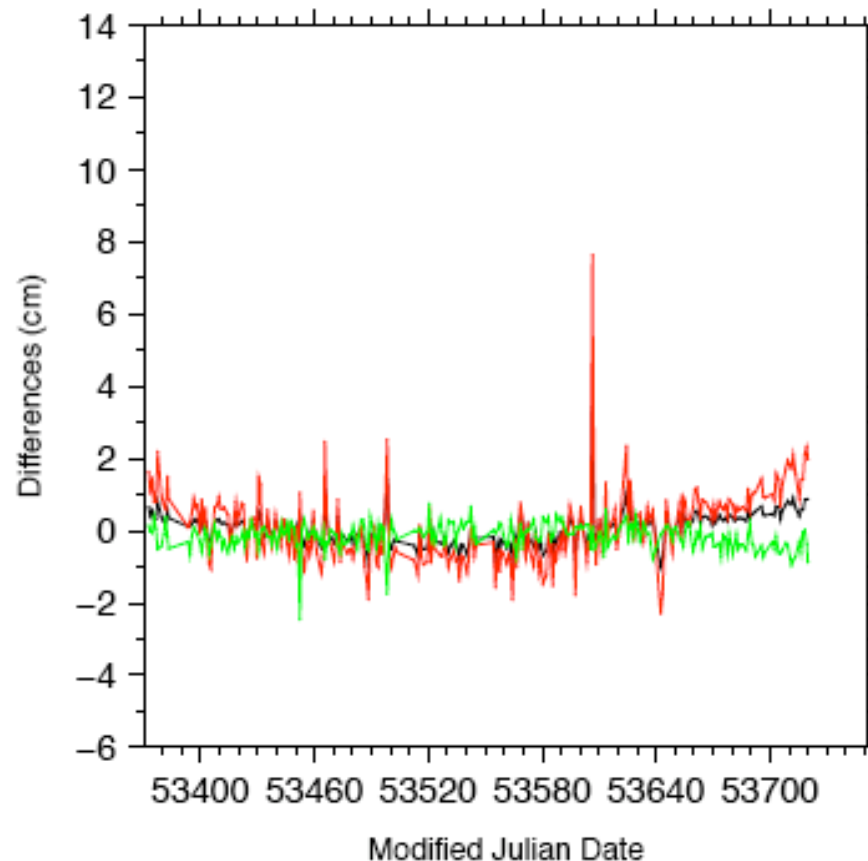


Radial RMS: 1.0 cm (271 arcs)
 Along-Track RMS: 2.1 cm (271 arcs)
 Cross-track RMS: 2.0 cm (271 arcs)

INA Comparisons (IGN - SPOT5)

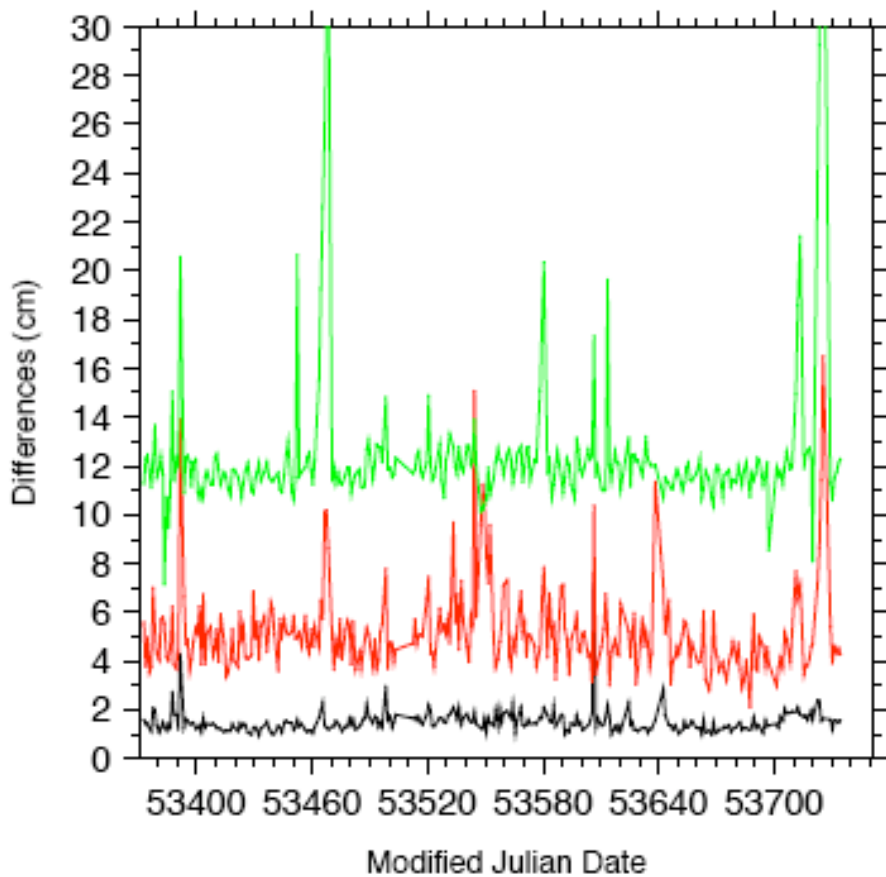


Radial Avg: -0.2 cm (284 arcs)
 Along-Track AVG: 9.0 cm (284 arcs)
 Cross-track AVG: 0.0 cm (284 arcs)

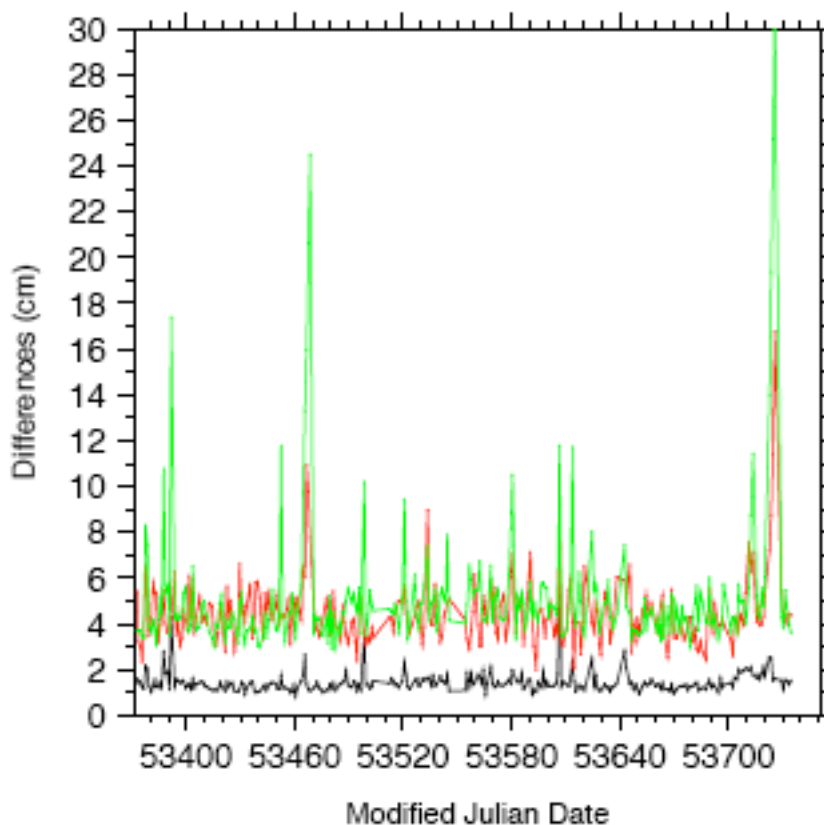


Radial Avg: 0.0 cm (271 arcs)
 Along-Track AVG: -0.2 cm (271 arcs)
 Cross-track AVG: 0.1 cm (271 arcs)

INA Comparisons (GSFC - SPOT5)

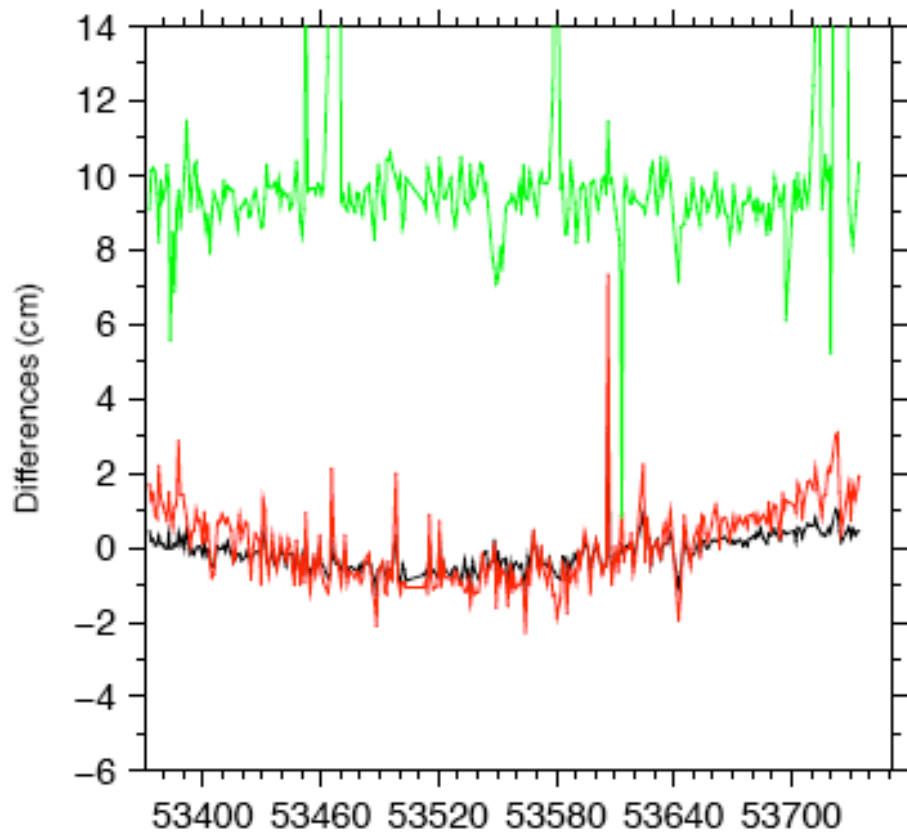


Radial RMS: 1.6 cm (297 arcs)
 Along-Track RMS: 13.0 cm (297 arcs)
 Cross-track RMS: 5.5 cm (297 arcs)



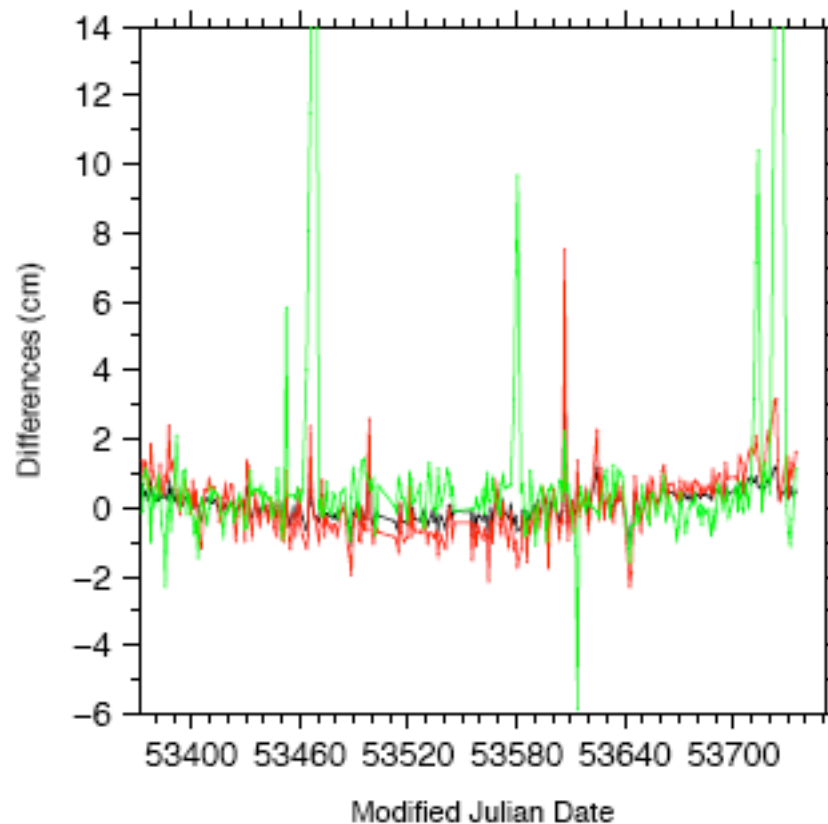
Radial RMS: 1.5 cm (291 arcs)
 Along-Track RMS: 6.1 cm (291 arcs)
 Cross-track RMS: 4.7 cm (291 arcs)

INA Comparisons (GSFC - SPOT5)



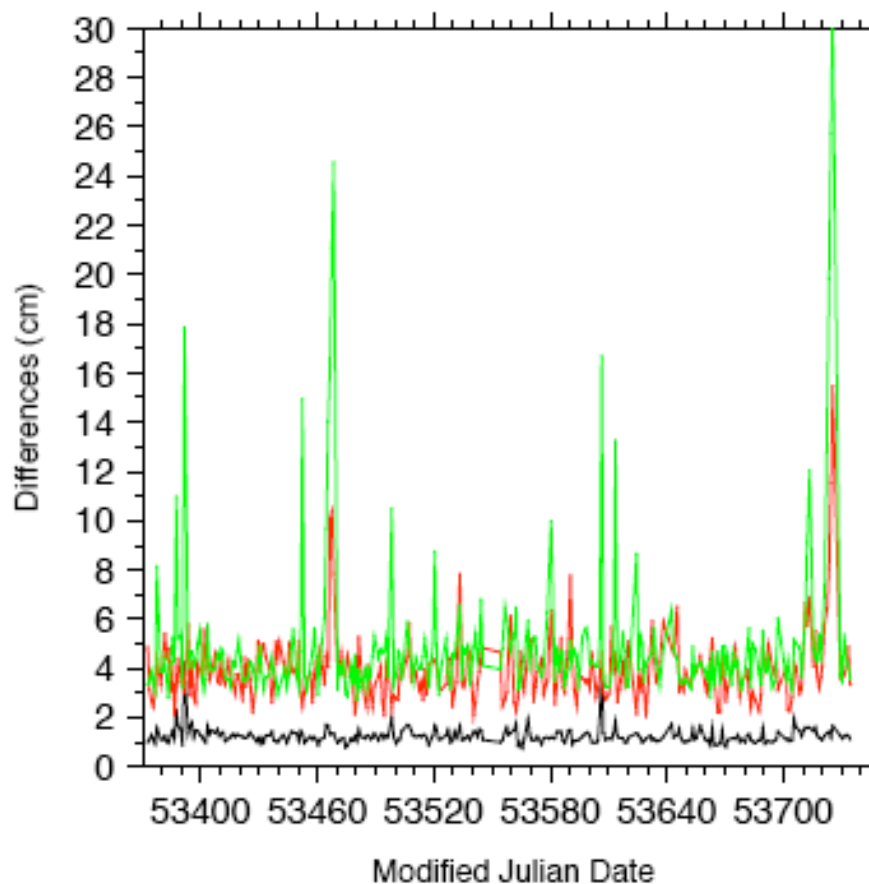
Modified Julian Date

Radial Avg: -0.1 cm (297 arcs)
 Along-Track AVG: 10.0 cm (297 arcs)
 Cross-track AVG: 0.1 cm (297 arcs)

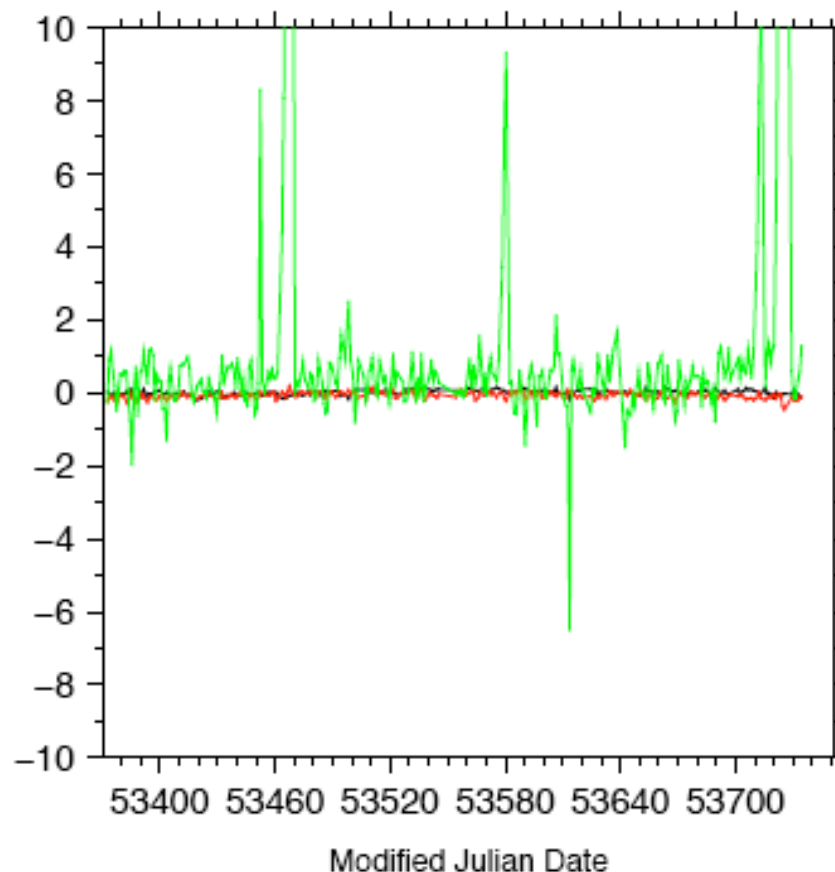


Radial Avg: 0.1 cm (291 arcs)
 Along-Track AVG: 0.9 cm (291 arcs)
 Cross-track AVG: 0.1 cm (291 arcs)

SPOT-5 Comparisons (IGN vs GSFC)

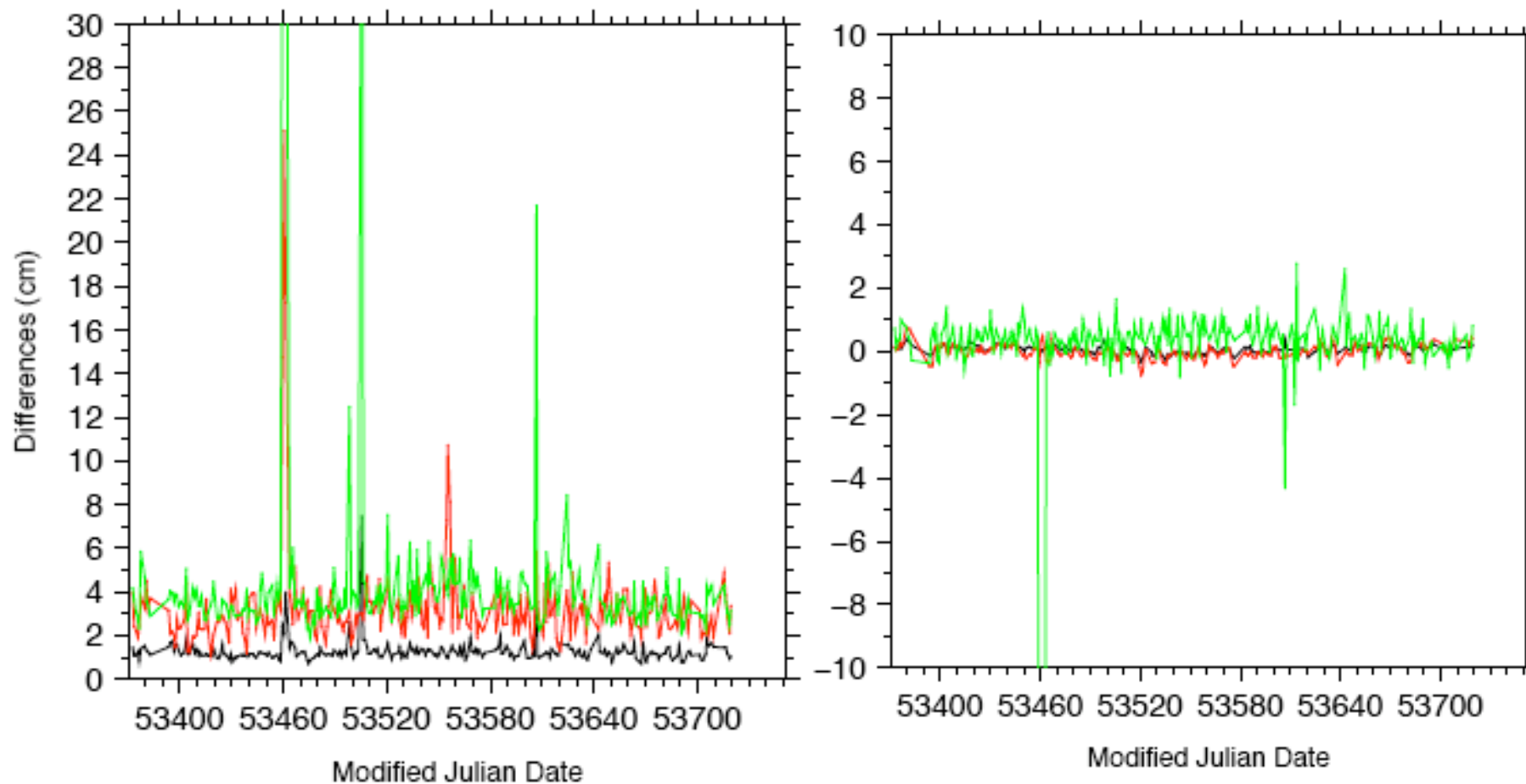


Radial RMS: 1.3 cm (296 arcs)
 Along-Track RMS: 6.0 cm (296 arcs)
 Cross-track RMS: 4.2 cm (296 arcs)



Radial Avg: 0.0 cm (296 arcs)
 Along-Track AVG: 1.1 cm (296 arcs)
 Cross-track AVG: -0.1 cm (296 arcs)

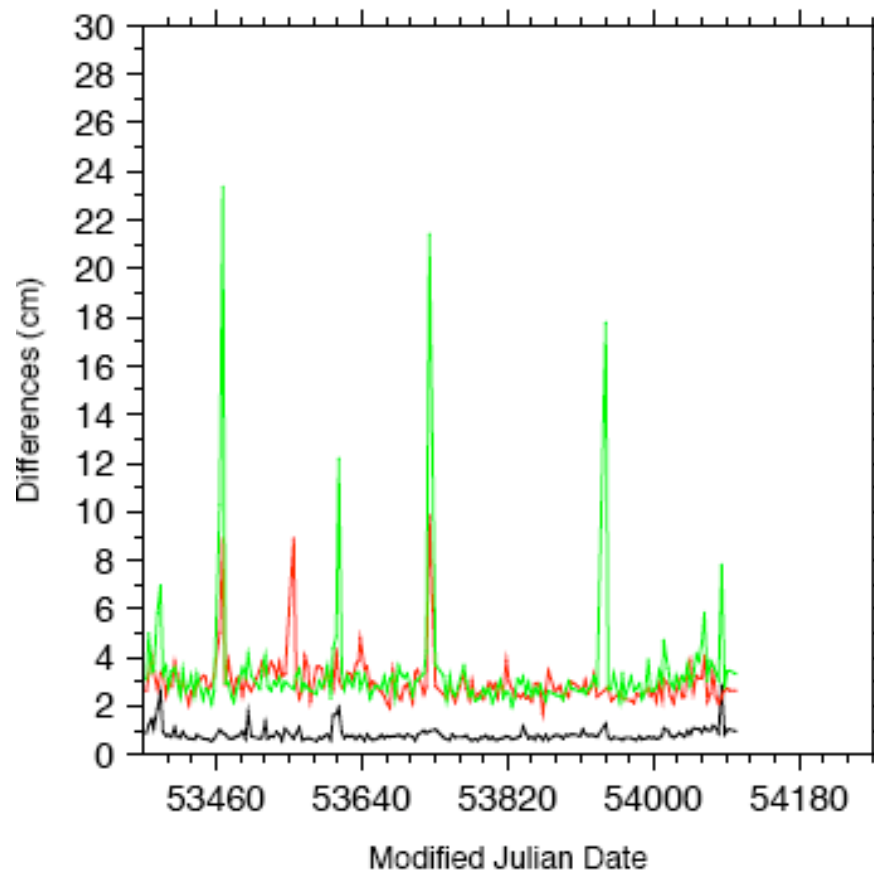
SPOT-5 Comparisons (IGN vs LCA)



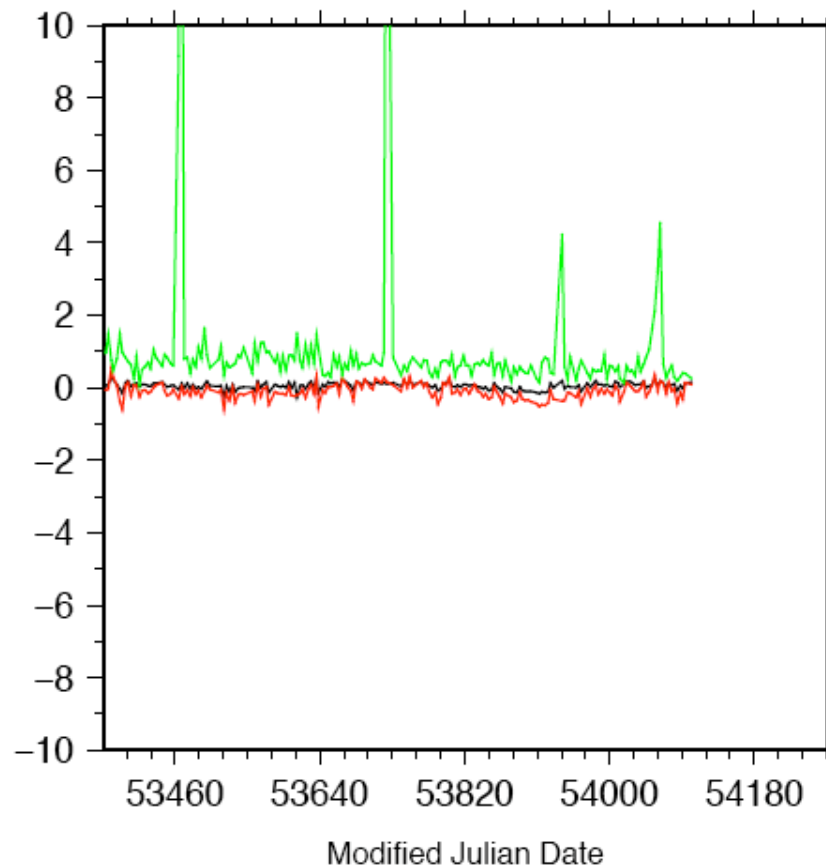
Radial RMS: 1.4 cm (273 arcs)
 Along-Track RMS: 7.1 cm (273 arcs)
 Cross-track RMS: 3.8 cm (273 arcs)

Radial Avg: 0.1 cm (273 arcs)
 Along-Track AVG: -0.1 cm (273 arcs)
 Cross-track AVG: 0.0 cm (273 arcs)

SPOT-5 Comparisons (LCA vs. GSFC)

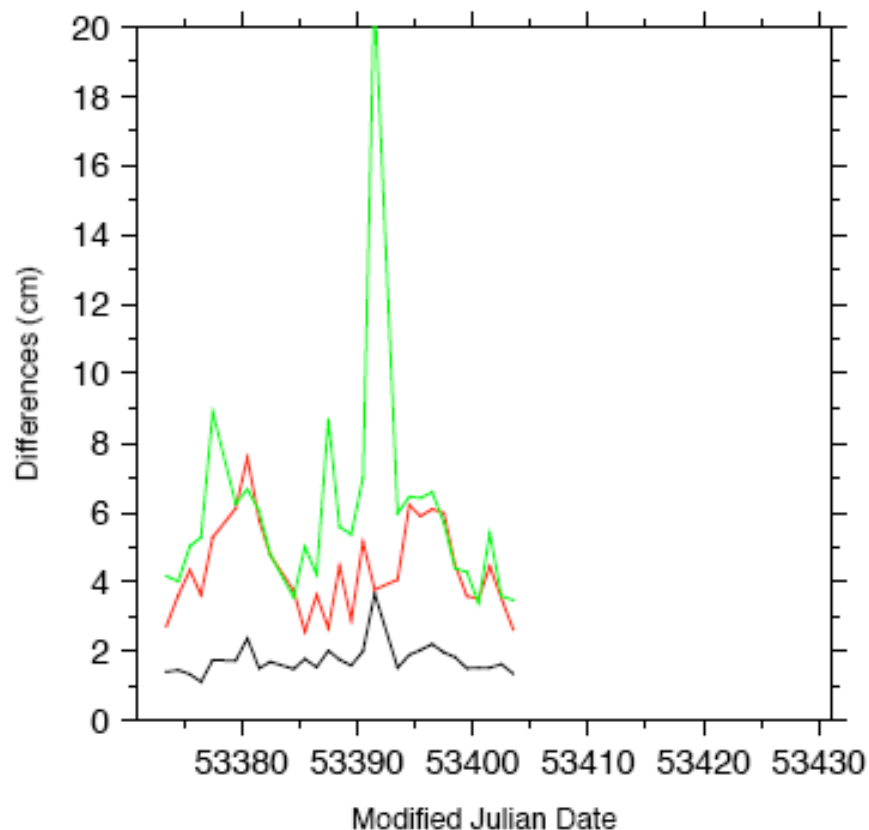


Radial RMS: 0.9 cm (188 arcs)
Along-Track RMS: 4.2 cm (188 arcs)
Cross-track RMS: 3.1 cm (188 arcs)

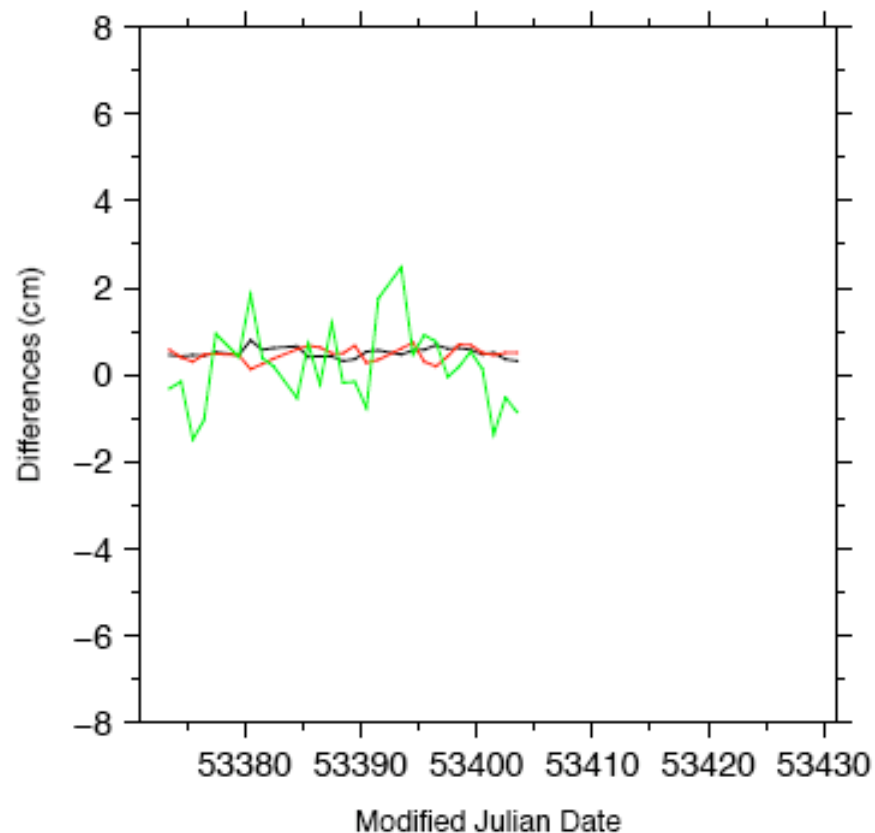


Radial Avg: 0.1 cm (188 arcs)
Along-Track AVG: 1.0 cm (188 arcs)
Cross-track AVG: -0.1 cm (188 arcs)

SPOT-5 Comparisons (GOP vs. IGN)

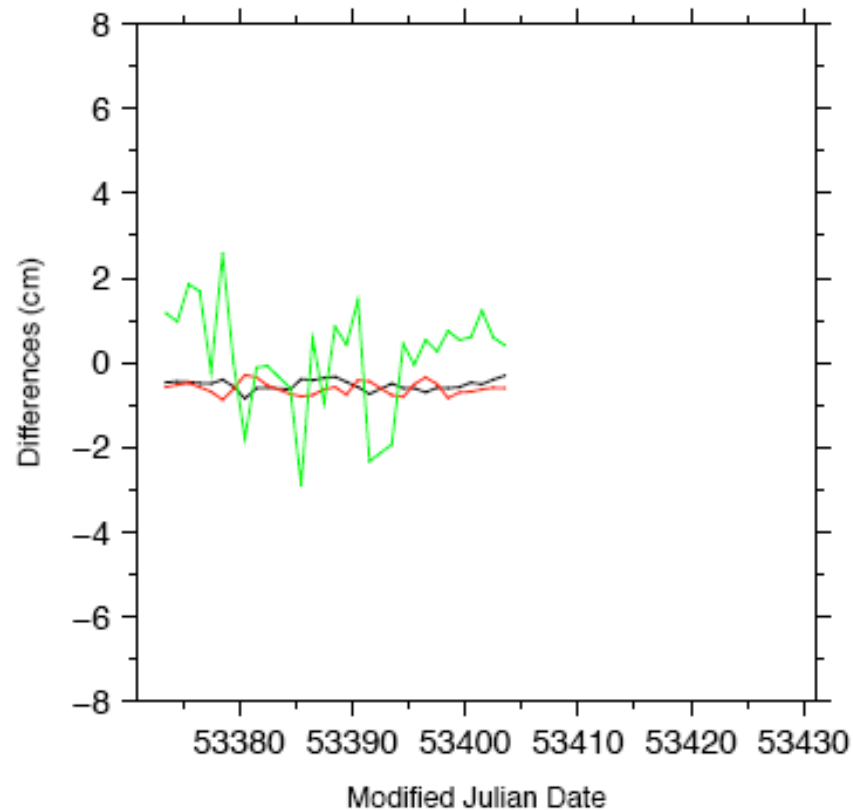
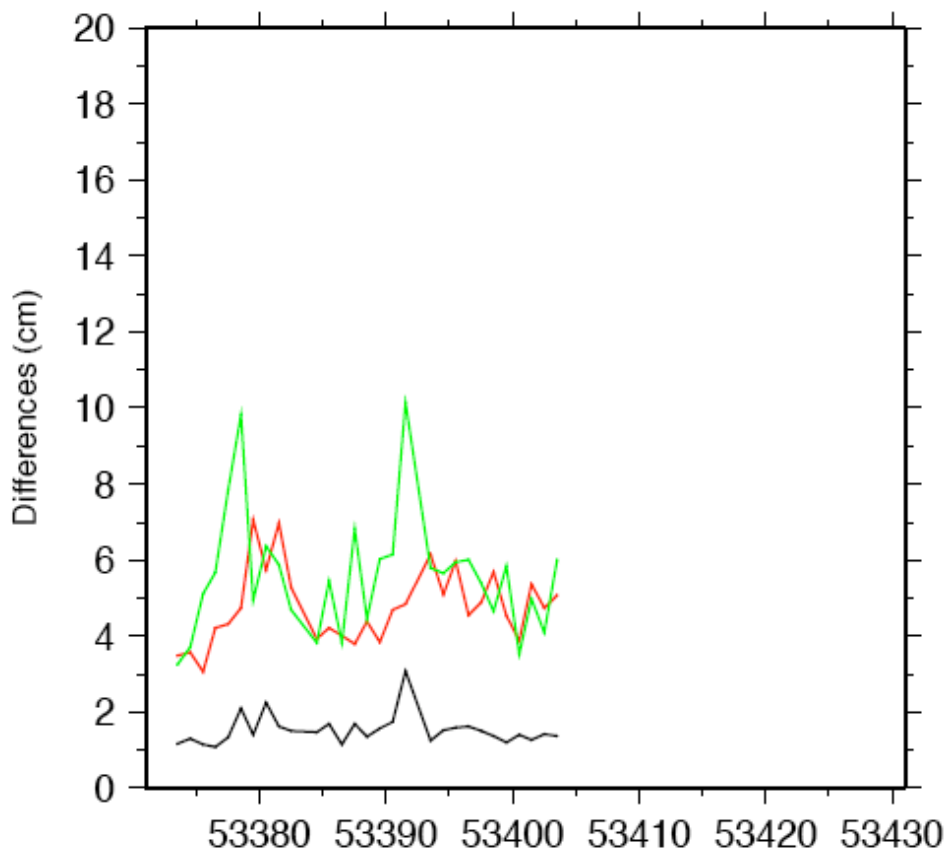


Radial RMS: 1.8 cm (28 arcs)
 Along-Track RMS: 6.8 cm (28 arcs)
 Cross-track RMS: 4.6 cm (28 arcs)



Radial Avg: 0.5 cm (28 arcs)
 Along-Track AVG: 0.2 cm (28 arcs)
 Cross-track AVG: 0.5 cm (28 arcs)

SPOT-5 Comparisons (GOP vs. GSFC)



Radial RMS: 1.6 cm (29 arcs)
Along-Track RMS: 5.8 cm (29 arcs)
Cross-track RMS: 4.9 cm (29 arcs)

Radial Avg: -0.5 cm (29 arcs)
Along-Track AVG: 0.2 cm (29 arcs)
Cross-track AVG: -0.6 cm (29 arcs)



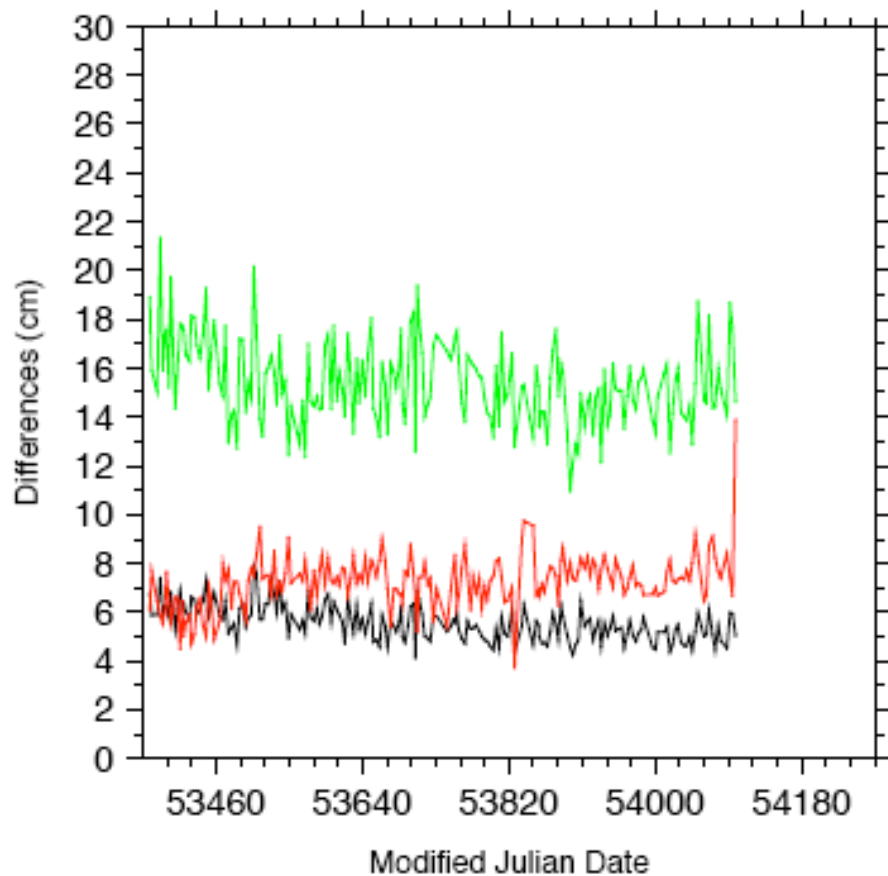
ENVISAT Comparisons (LCA vs GSFC)



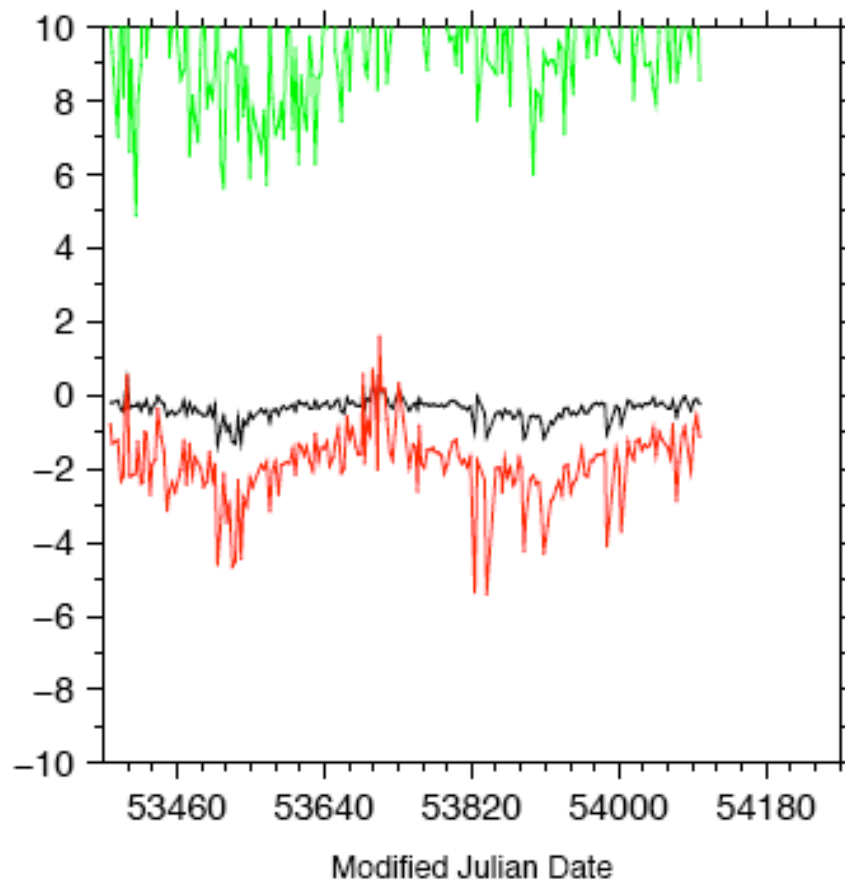
NASA GSFC
DORIS AWG Meeting, Paris, FRANCE, June 5-6, 2008



ENVISAT Comparisons (LCA1 vs GSFC)

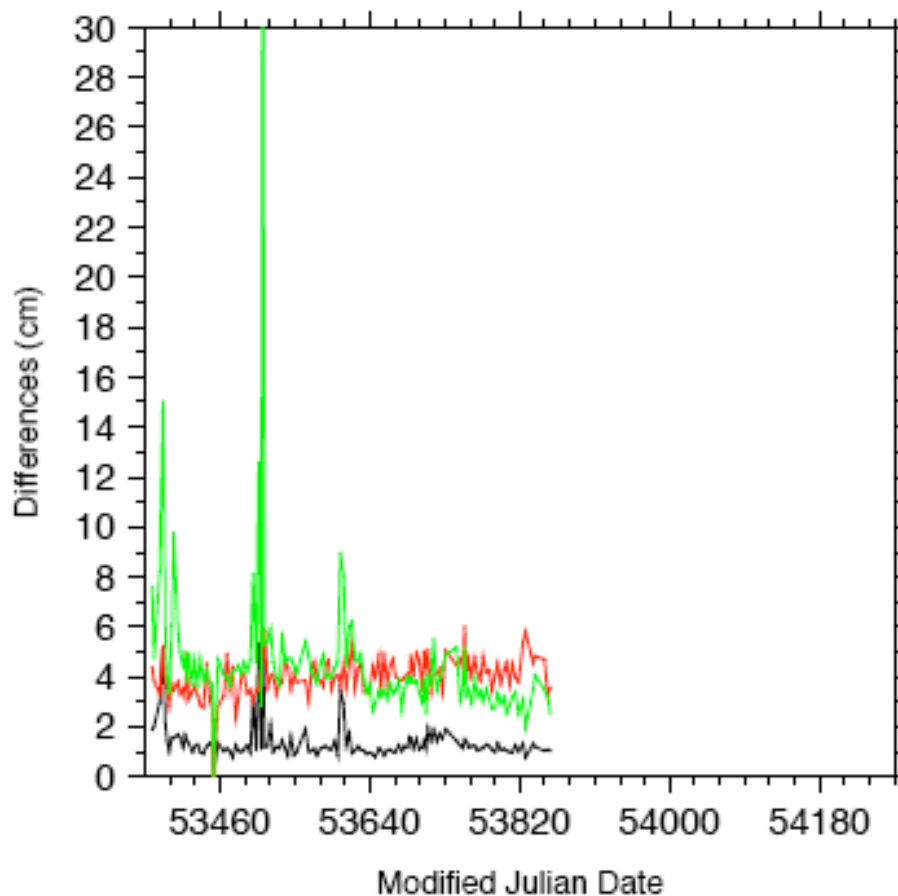


Radial RMS: 5.6 cm (197 arcs)
Along-Track RMS: 15.5 cm (197 arcs)
Cross-track RMS: 7.3 cm (197 arcs)

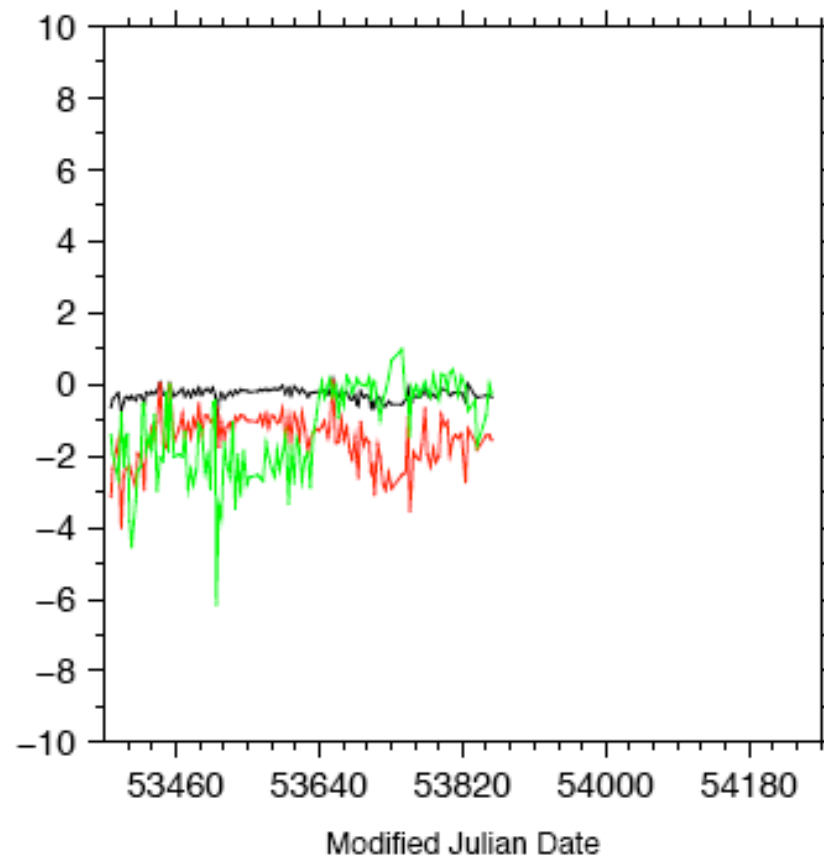


Radial Avg: -0.4 cm (197 arcs)
Along-Track AVG: 9.5 cm (197 arcs)
Cross-track AVG: -1.9 cm (197 arcs)

ENVISAT Comparisons (LCA3 vs GSFC)

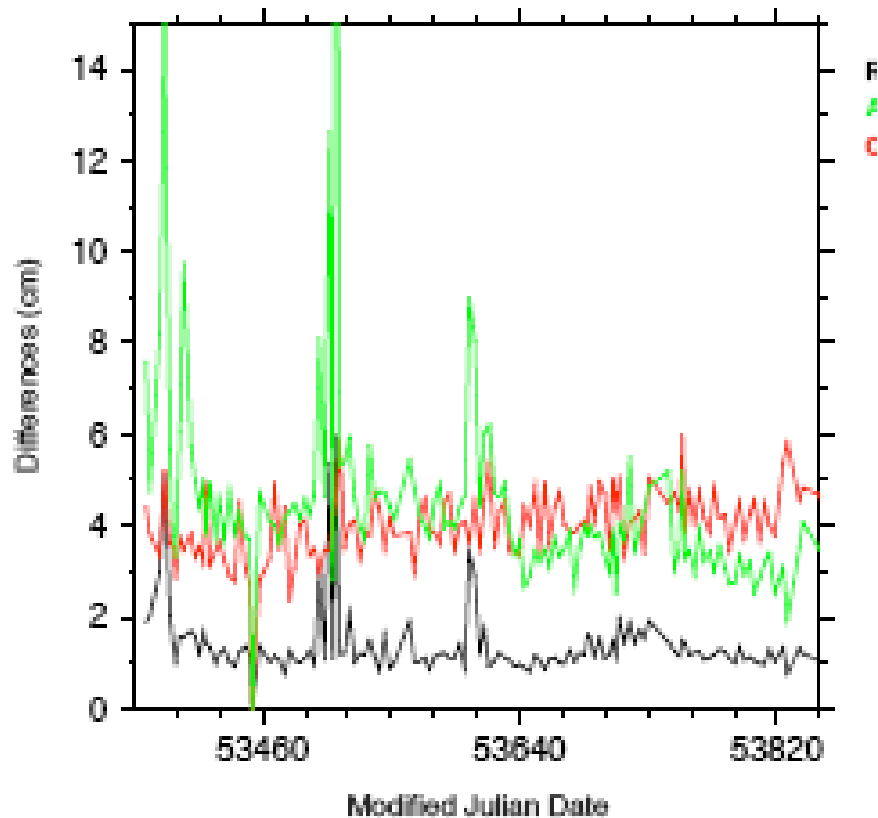


Radial RMS: 1.6 cm (133 arcs)
 Along-Track RMS: 5.5 cm (133 arcs)
 Cross-track RMS: 4.1 cm (133 arcs)

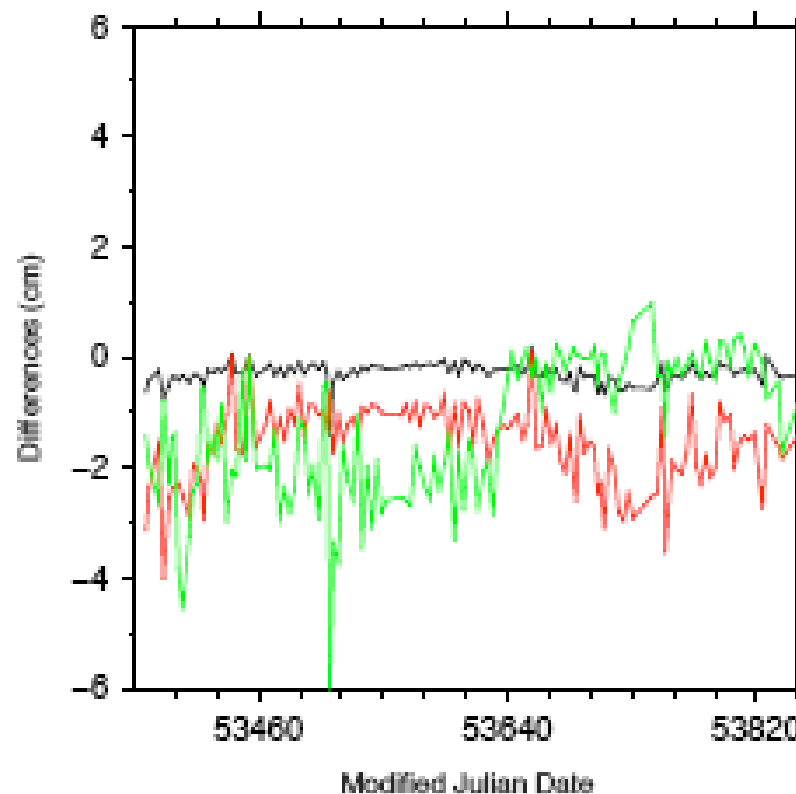


Radial Avg: -0.3 cm (133 arcs)
 Along-Track AVG: -1.2 cm (133 arcs)
 Cross-track AVG: -1.6 cm (133 arcs)

ENVISAT Comparisons (LCA3 vs GSFC)

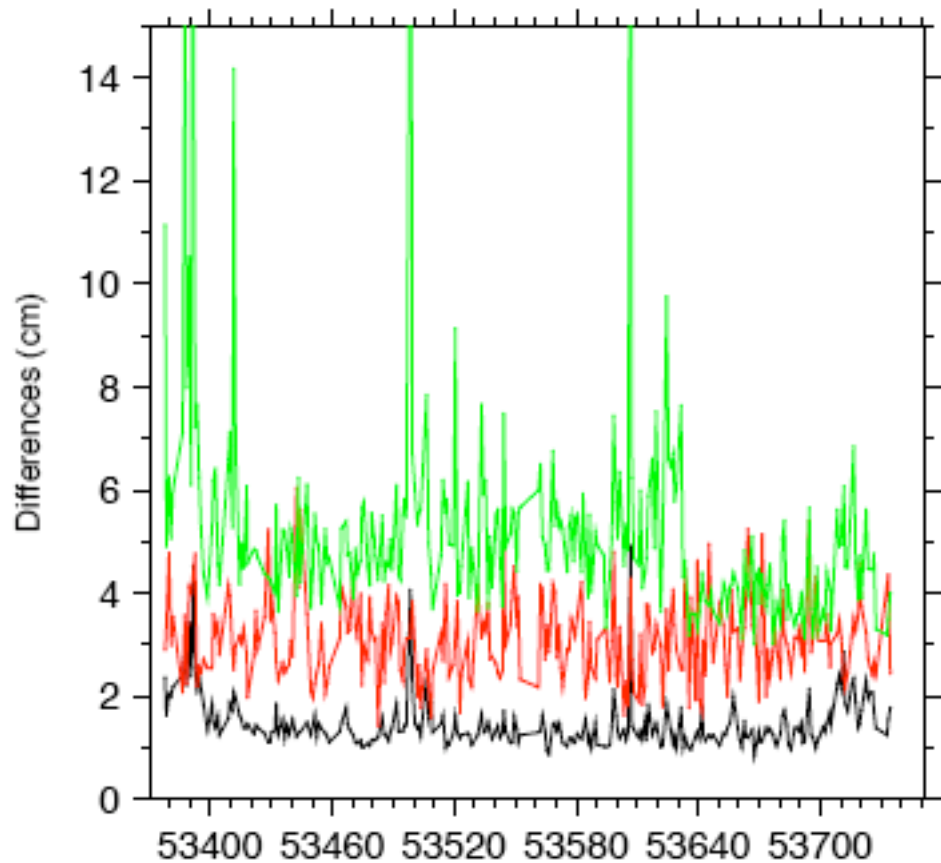


Radial RMS: 1.6 cm (133 arcs)
 Along-Track RMS: 5.5 cm (133 arcs)
 Cross-track RMS: 4.1 cm (133 arcs)

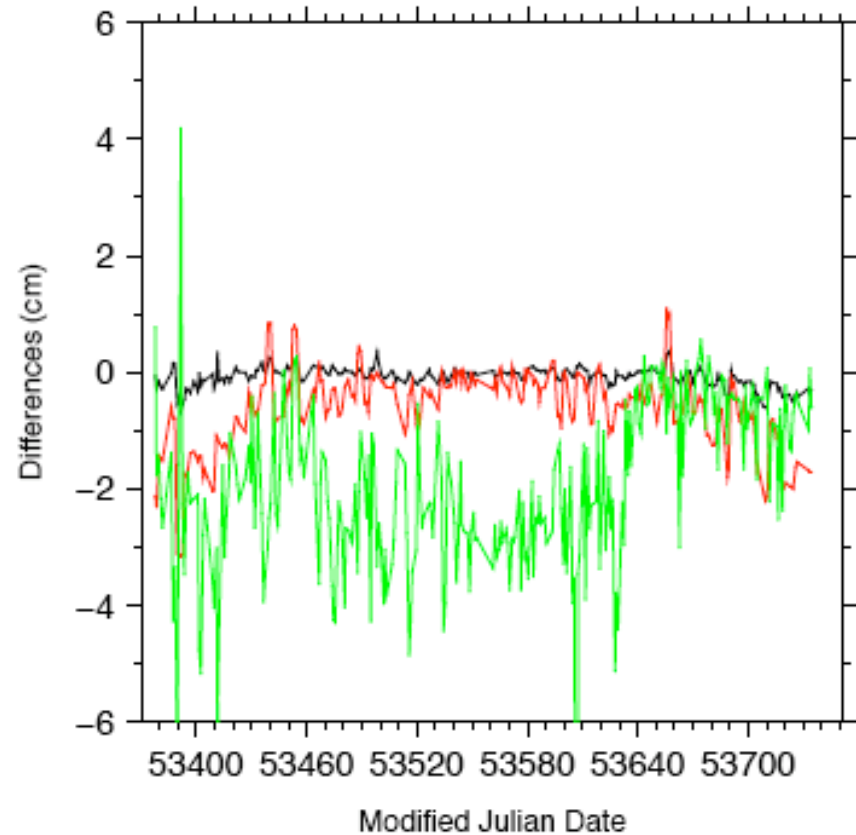


Radial Avg: -0.3 cm (133 arcs)
 Along-Track AVG: -1.2 cm (133 arcs)
 Cross-track AVG: -1.6 cm (133 arcs)

ENVISAT Comparisons (LCA3 vs IGN)

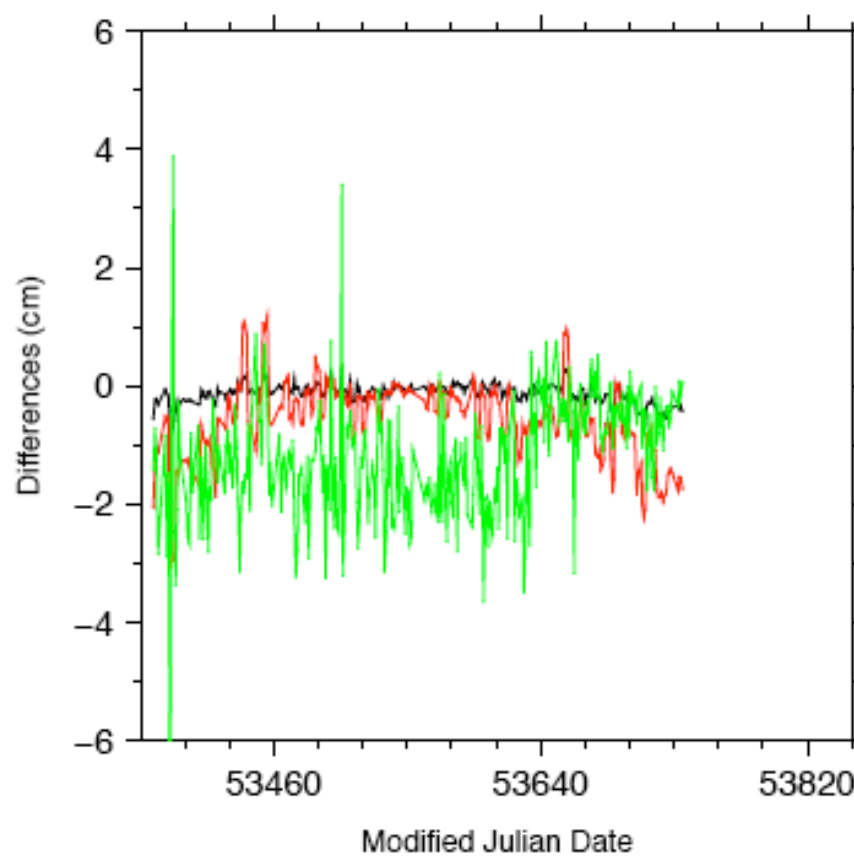
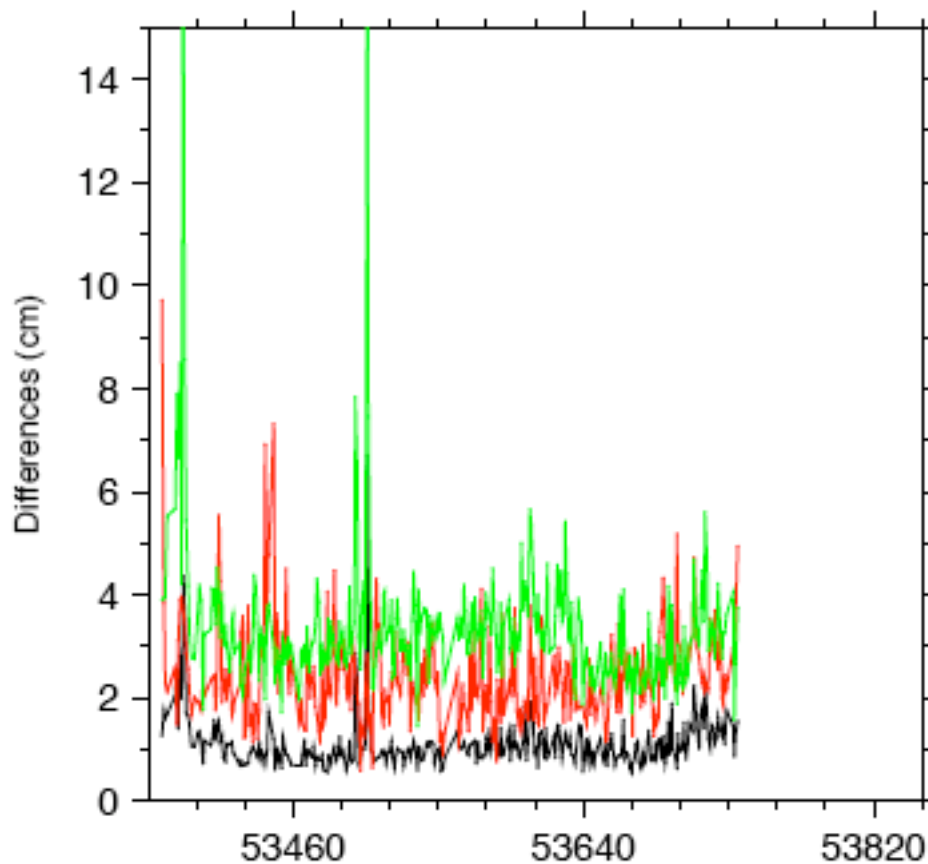


Modified Julian Date
Radial RMS: 1.5 cm (273 arcs)
Along-Track RMS: 5.8 cm (273 arcs)
Cross-track RMS: 3.2 cm (273 arcs)



Radial Avg: -0.1 cm (273 arcs)
Along-Track AVG: -2.0 cm (273 arcs)
Cross-track AVG: -0.6 cm (273 arcs)

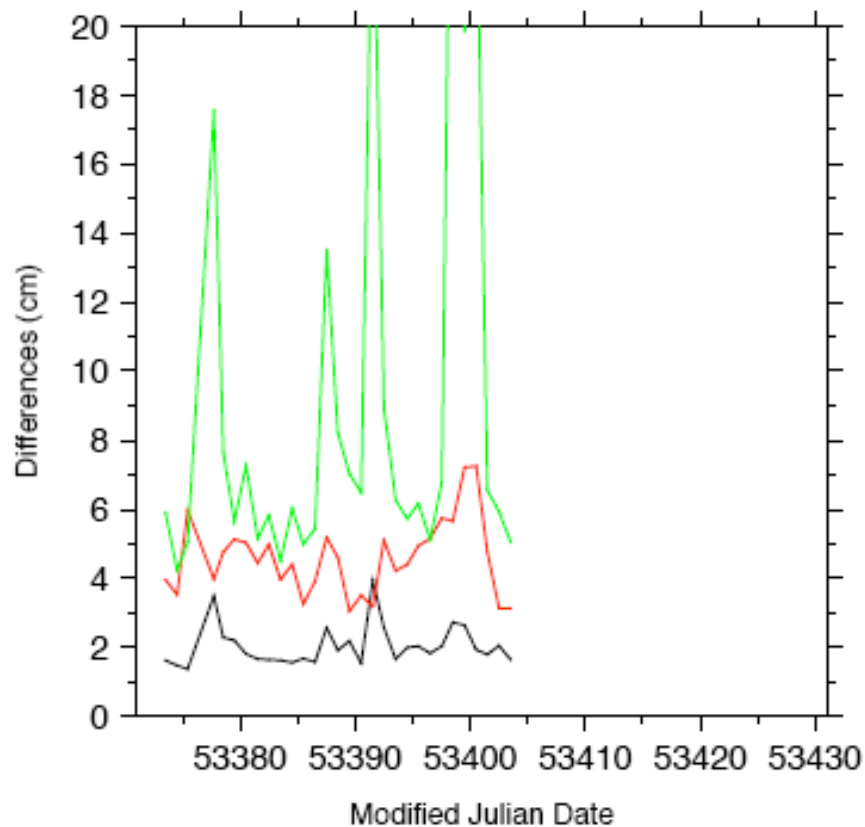
ENVISAT Comparisons (LCA3 vs ESOC)



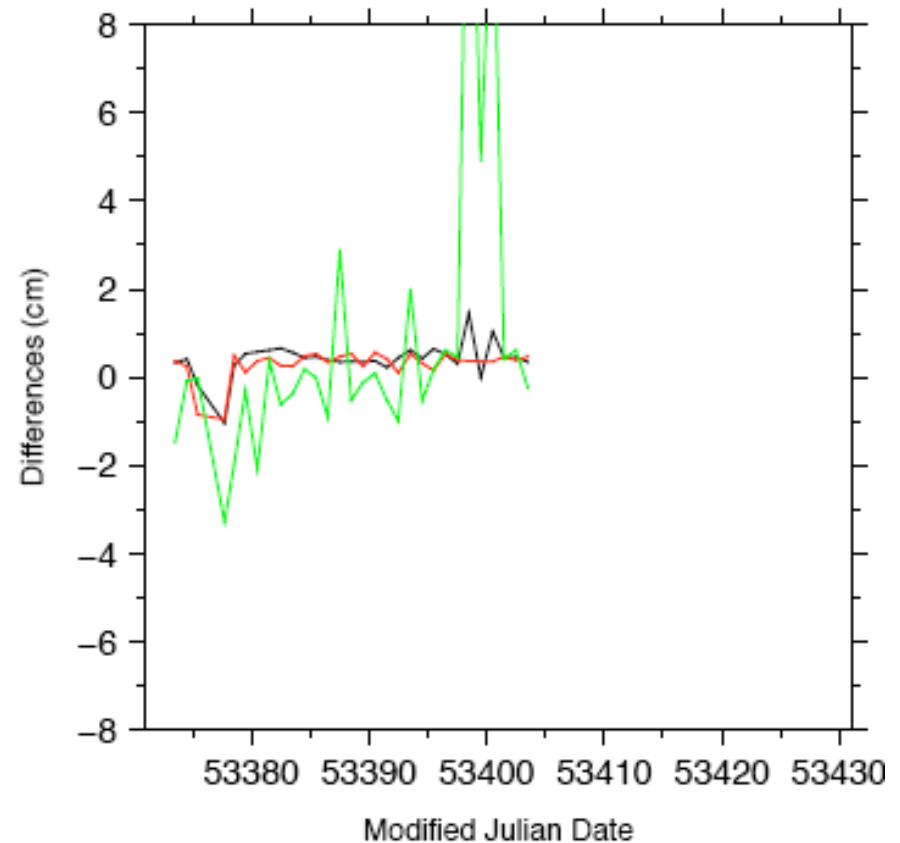
Modified Julian Date
Radial RMS: 1.2 cm (320 arcs)
Along-Track RMS: 3.7 cm (320 arcs)
Cross-track RMS: 2.6 cm (320 arcs)

Radial Avg: -0.1 cm (320 arcs)
Along-Track AVG: -1.2 cm (320 arcs)
Cross-track AVG: -0.6 cm (320 arcs)

ENVISAT Comparisons (GOP vs IGN)

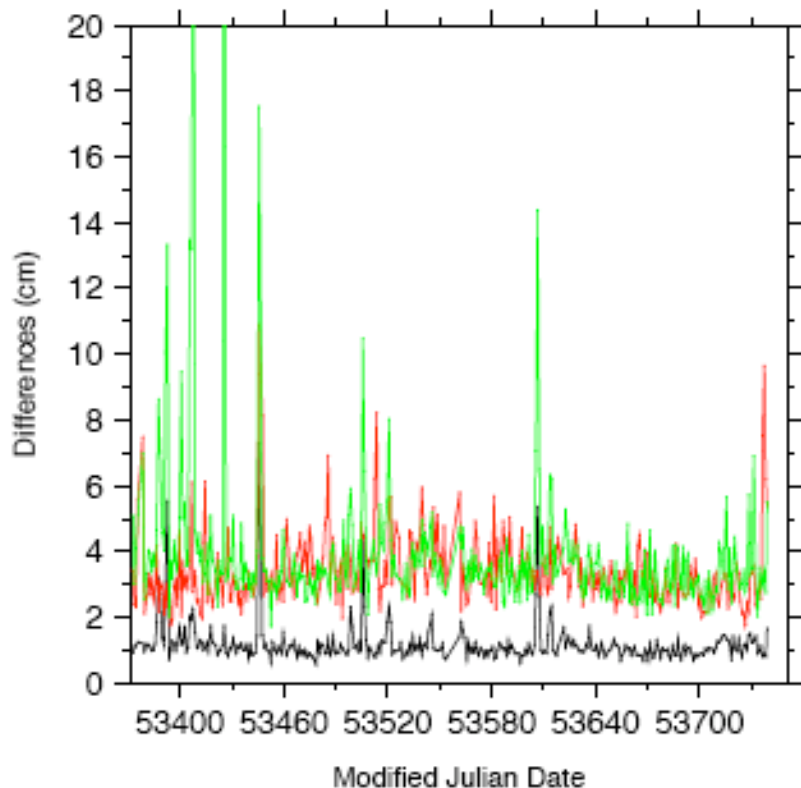


Radial RMS: 2.1 cm (30 arcs)
Along-Track RMS: 11.8 cm (30 arcs)
Cross-track RMS: 4.7 cm (30 arcs)

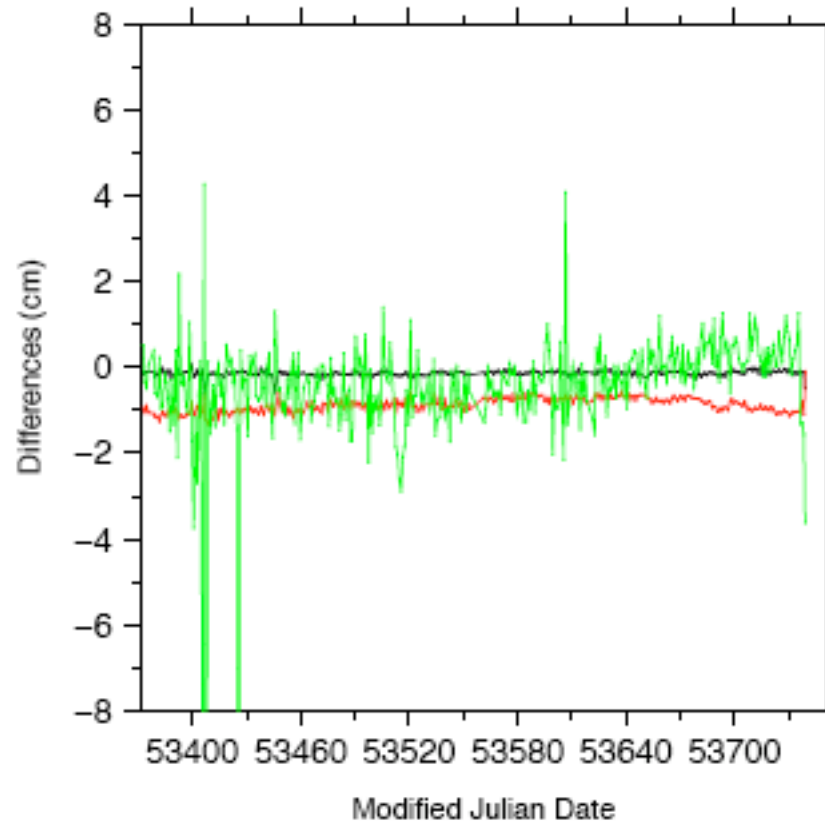


Radial Avg: 0.4 cm (30 arcs)
Along-Track AVG: 0.8 cm (30 arcs)
Cross-track AVG: 0.3 cm (30 arcs)

Other ENVISAT Comparisons (ESOC vs GSFC)

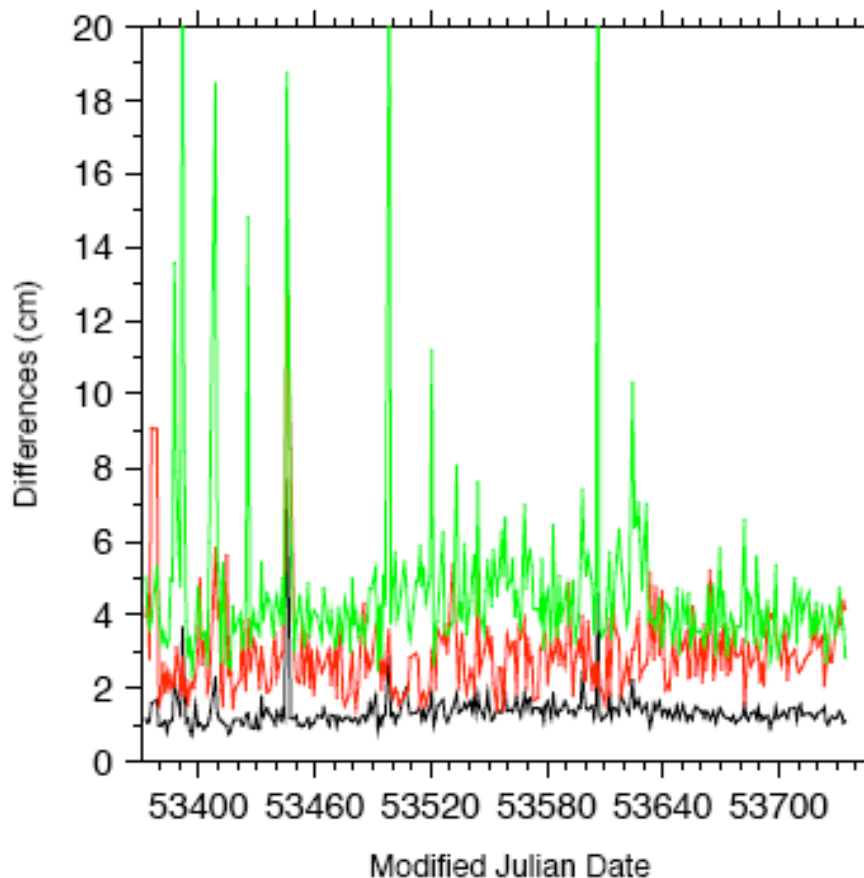


Radial RMS: 1.3 cm (347 arcs)
 Along-Track RMS: 4.8 cm (347 arcs)
 Cross-track RMS: 3.6 cm (347 arcs)

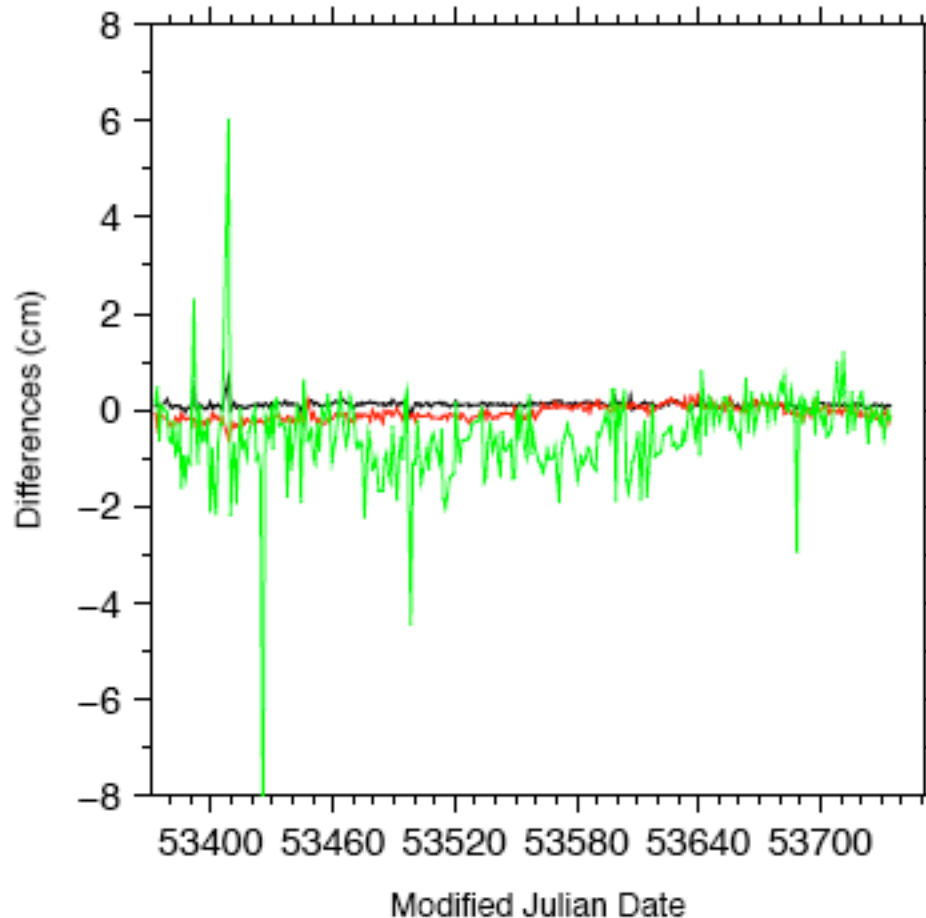


Radial Avg: -0.1 cm (347 arcs)
 Along-Track AVG: -0.5 cm (347 arcs)
 Cross-track AVG: -0.9 cm (347 arcs)

Other ENVISAT Comparisons (ESOC vs IGN)

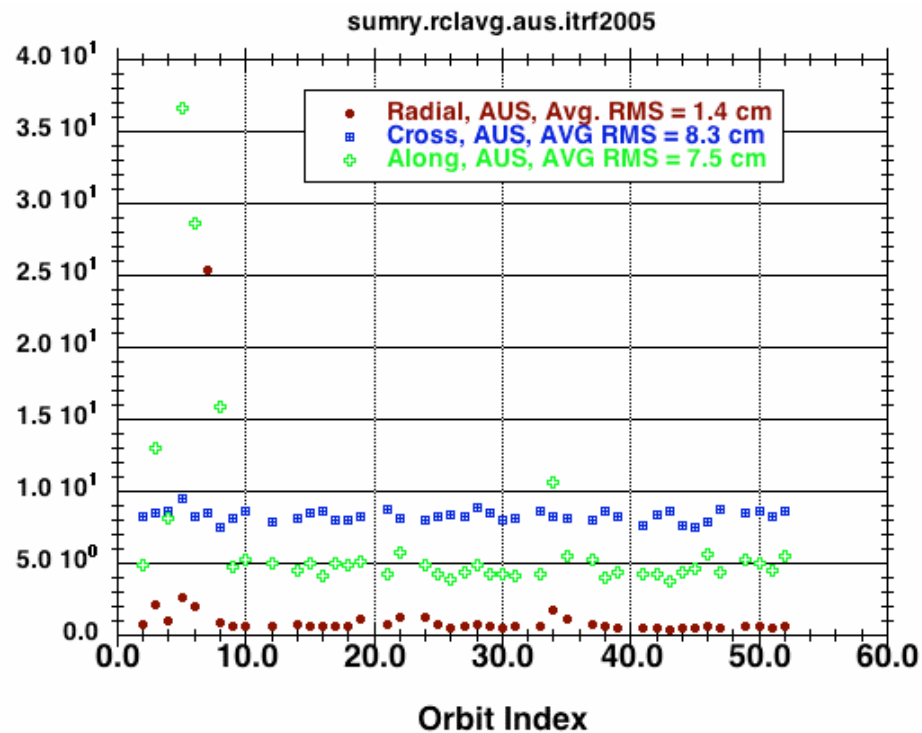
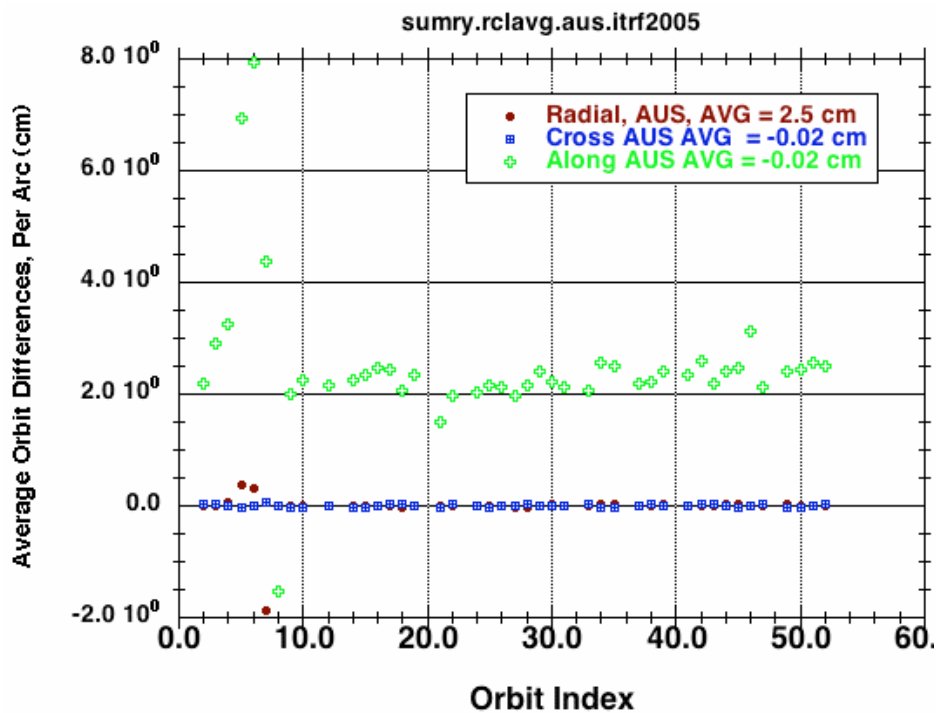


Radial RMS: 1.5 cm (299 arcs)
 Along-Track RMS: 5.4 cm (299 arcs)
 Cross-track RMS: 3.2 cm (299 arcs)



Radial Avg: 0.1 cm (299 arcs)
 Along-Track AVG: -0.6 cm (299 arcs)
 Cross-track AVG: -0.1 cm (299 arcs)

ENVISAT Comparisons GA1 vs GSFC



ENVISAT Comparisons GA4 vs GSFC

