

V&V Summary Report

L2 ASCDS Version : 10.1.1

Observation 15677 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff15677N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7964564030766

Comments

This is a moving target. Users will need to run `sso_freeze` or similar software to position the events in the reference frame of the target.

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The guide stars in slots 5 and 7 were removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of these guide stars from the solution.

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These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	100106	Sequence number
obs_id	15677	Observation id
title	Plumbing the Heights of the Solar Wind With Comet ISON	Proposal ti
observer	Dr. Carey Lisse	Principal investigator
object	Comet C/2012 S1 (ISON)	Source name
ra_targ	170.97	Observer's specified target RA [deg]
dec_targ	4.83	Observer's specified target Dec [deg]
ra_nom	170.96680274213	Nominal RA [deg]
dec_nom	4.8330017187192	Nominal Dec [deg]
roll_nom	66.038716631616	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2796.4564030766	[s]
livetime	2772.9073597902	Ontime multiplied by DTCOR
l2events	181434	Number of level 2 events

