

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 16299 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See [axaff16299N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.795852085948

Comments

Window preference met.

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

The guide star in slot 6 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.

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	100129	Sequence number
obs_id	16299	Observation id
title	A Multi-wavelength campaign to study the Jovian aurora and the Io plasma torus	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	Jupiter	Source name
ra_targ	103.1935	Observer's specified target RA [deg]
dec_targ	23.1777	Observer's specified target Dec [deg]
ra_nom	103.20650517713	Nominal RA [deg]
dec_nom	23.153287346008	Nominal Dec [deg]
roll_nom	264.77799867498	Nominal Roll [deg]
revision	3	Processing version of data
ontime	37795.852085948	[s]
livetime	37526.709979875	Ontime multiplied by DTCOR
l2events	2075091	Number of level 2 events

