

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 16300 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See [axaff16300N002_VV001_vvref2.pdf](#) for the full report

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|----------------------------|-----------------|
| 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 | 39.794602195323 |

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.

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.

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|----------|--|---------------------------------------|
| seq_num | 100130 | Sequence number |
| obs_id | 16300 | 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 | 104.1082 | Observer's specified target RA [deg] |
| dec_targ | 23.10675 | Observer's specified target Dec [deg] |
| ra_nom | 104.1210982321 | Nominal RA [deg] |
| dec_nom | 23.082246825133 | Nominal Dec [deg] |
| roll_nom | 264.45513025556 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 39794.602195323 | [s] |
| livetime | 39456.30033289 | Ontime multiplied by DTCOR |
| l2events | 2350612 | Number of level 2 events |

