

V&V Summary Report

L2 ASCDS Version : 10.1.1

Observation 16548 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff16548N002_VV001_vvref2.pdf for the full report

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|----------------------------|-----------------|
| 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 | 2.3591000181437 |

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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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 | 100144 | Sequence number |
| obs_id | 16548 | 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 |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 243.93477 | Observer's specified target RA [deg] |
| dec_targ | 37.96029 | Observer's specified target Dec [deg] |
| ra_nom | 243.89768547641 | Nominal RA [deg] |
| dec_nom | 37.984711241594 | Nominal Dec [deg] |
| roll_nom | 27.215144347689 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 2359.1000181437 | Sum of GTIs [s] |
| livetime | 2328.2766396624 | Livetime [s] |
| ontime2 | 2359.1000181437 | Sum of GTIs [s] |
| ontime3 | 2359.1000181437 | Sum of GTIs [s] |
| ontime6 | 2359.1000181437 | Sum of GTIs [s] |
| ontime7 | 2359.1000181437 | Sum of GTIs [s] |
| ontime8 | 2359.1000181437 | Sum of GTIs [s] |
| l2events | 7198 | Number of level 2 events |

