

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 15573 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 29 2014

See axaff15573N002_VV001_vvref2.pdf for the full report

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|----------------------------|-----------------|
| V&V Scientist | Beth Sundheim |
| V&V Date (YYYY-MM-DD) | 2014.12.02 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 19.079545420349 |

Comments

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 | 801125 | Sequence number |
| obs_id | 15573 | Observation id |
| title | Cosmology and Cluster Evolution from the 80 Most Massive Clusters in 2000 deg ² from the South Pole Telescope Survey | Proposal title |
| observer | Dr. Bradford Benson | Principal investigator |
| object | SPT-CLJ0243-5930 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 40.8575 | Observer's specified target RA [deg] |
| dec_targ | -59.512111 | Observer's specified target Dec [deg] |
| ra_nom | 40.9645654992 | Nominal RA [deg] |
| dec_nom | -59.508399186489 | Nominal Dec [deg] |
| roll_nom | 1.6009399310862 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 19079.545420349 | Sum of GTIs [s] |
| livetime | 18830.257113275 | Livetime [s] |
| ontime0 | 19085.704290986 | Sum of GTIs [s] |
| ontime1 | 19085.745330989 | Sum of GTIs [s] |
| ontime2 | 19082.645370603 | Sum of GTIs [s] |
| ontime3 | 19079.545420349 | Sum of GTIs [s] |
| ontime6 | 19082.522240758 | Sum of GTIs [s] |
| l2events | 51808 | Number of level 2 events |

