

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 14448 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 29 2012

See axaff14448N002_VV001_vvref2.pdf for the full report

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|----------------------------|-----------------|
| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2012.07.06 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 25.974859179616 |

Comments

A spatial region of the original bias map for CCD = 3 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 3 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:
(44.26500, -56.30696), (44.26798, -56.30430), (44.22051, -56.28805), (44.21753, -56.29072)

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|----------|---|---|
| seq_num | 801122 | Sequence number |
| obs_id | 14448 | 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-CLJ0256-5617 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 44.096667 | Observer's specified target RA [deg] |
| dec_targ | -56.296194 | Observer's specified target Dec [deg] |
| ra_nom | 44.011274317797 | Nominal RA [deg] |
| dec_nom | -56.269405593362 | Nominal Dec [deg] |
| roll_nom | 148.13766139851 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 25974.859179616 | Sum of GTIs [s] |
| lifetime | 25635.478522021 | Lifetime [s] |
| ontime0 | 25974.859219551 | Sum of GTIs [s] |
| ontime1 | 25974.859199584 | Sum of GTIs [s] |
| ontime2 | 25978.000199795 | Sum of GTIs [s] |
| ontime3 | 25974.859179616 | Sum of GTIs [s] |
| ontime6 | 25978.000199795 | Sum of GTIs [s] |
| l2events | 76697 | Number of level 2 events |

