

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 4697 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 20 2013

See axaff04697N003_VV001_vvref2.pdf for the full report

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| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2013.03.22 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 9.107 |

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(345.00145,30.01303), (345.00878,30.01388), (345.00553,30.03551), (344.99789,30.03669)

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|----------|--|---|
| seq_num | 600352 | Sequence number |
| obs_id | 4697 | Observation id |
| title | Physics of Accretion Flows in Ultra-low Luminosity AGNs: A Mini Survey of a Distance-Limited Sample of Inactive Galaxies | Proposal tit |
| observer | Dr. Yuichi Terashima | Principal investigator |
| object | NGC 7457 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 345.25 | Observer's specified target RA [deg] |
| dec_targ | 30.145 | Observer's specified target Dec [deg] |
| ra_nom | 345.24950855802 | Nominal RA [deg] |
| dec_nom | 30.135346519548 | Nominal Dec [deg] |
| roll_nom | 277.29164090393 | Nominal Roll [deg] |
| revision | 4 | Processing version of data |
| ontime | 9106.8760251701 | Sum of GTIs [s] |
| livetime | 8987.8879855166 | Livetime [s] |
| ontime2 | 9103.570894897 | Sum of GTIs [s] |
| ontime3 | 9106.7939451635 | Sum of GTIs [s] |
| ontime6 | 9100.5530446768 | Sum of GTIs [s] |
| ontime7 | 9106.8760251701 | Sum of GTIs [s] |
| ontime8 | 9106.7529051602 | Sum of GTIs [s] |
| l2events | 43162 | Number of level 2 events |

