

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9860 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 15 2012

See axaff09860N003_VV001_vvref2.pdf for the full report

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| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2012.05.21 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 32.5375178 |

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:

(160.20780, -59.45023), (160.19687, -59.44957), (160.19379, -59.46243), (160.20339, -59.46864)

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|----------|--|---|
| seq_num | 900833 | Sequence number |
| obs_id | 9860 | Observation id |
| title | The Great Nebula in Carina: Protoplanetary Disks to Starburst Galaxies | Proposal title |
| observer | Dr. Leisa Townsley | Principal investigator |
| object | Carina Superbubble Ptg 1 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 160.3825 | Observer's specified target RA [deg] |
| dec_targ | -59.593 | Observer's specified target Dec [deg] |
| ra_nom | 160.38540558343 | Nominal RA [deg] |
| dec_nom | -59.600940955921 | Nominal Dec [deg] |
| roll_nom | 263.21119046739 | Nominal Roll [deg] |
| revision | 3 | Processing version of data |
| ontime | 32536.219356358 | Sum of GTIs [s] |
| livetime | 32124.226155909 | Livetime [s] |
| ontime0 | 32539.337256491 | Sum of GTIs [s] |
| ontime1 | 32536.13729614 | Sum of GTIs [s] |
| ontime2 | 32542.660316765 | Sum of GTIs [s] |
| ontime3 | 32536.219356358 | Sum of GTIs [s] |
| ontime6 | 32539.542436481 | Sum of GTIs [s] |
| ontime7 | 32542.742396772 | Sum of GTIs [s] |
| l2events | 292133 | Number of level 2 events |

