

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8462 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

See axaff08462N003_VV001_vvref2.pdf for the full report

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| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2012.05.03 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 43.1615998 |

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:
(80.74416,33.63318), (80.73791,33.63155), (80.75522,33.58578), (80.75951,33.59260)

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Joint Proposal: Spitzer

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|----------|---|---|
| seq_num | 200383 | Sequence number |
| obs_id | 8462 | Observation id |
| title | The Initial Mass Function in the Outer Galaxy: The star forming region NGC 1893 | Proposal title |
| observer | Dr Giuseppina Micela | Principal investigator |
| object | NGC 1893 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 80.708333 | Observer's specified target RA [deg] |
| dec_targ | 33.468056 | Observer's specified target Dec [deg] |
| ra_nom | 80.708853379352 | Nominal RA [deg] |
| dec_nom | 33.472687290733 | Nominal Dec [deg] |
| roll_nom | 107.50840508897 | Nominal Roll [deg] |
| revision | 3 | Processing version of data |
| ontime | 43161.59983927 | Sum of GTIs [s] |
| livetime | 42615.06167331 | Livetime [s] |
| ontime0 | 43161.59983927 | Sum of GTIs [s] |
| ontime1 | 43158.358868539 | Sum of GTIs [s] |
| ontime2 | 43158.358838975 | Sum of GTIs [s] |
| ontime3 | 43161.59983927 | Sum of GTIs [s] |
| ontime6 | 43161.59983927 | Sum of GTIs [s] |
| ontime7 | 43161.59983927 | Sum of GTIs [s] |
| l2events | 430351 | Number of level 2 events |

