

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 62121 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 11 2012

See [axaff62121N003_VV001_vvref2.pdf](#) for the full report

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|----------------------------|-----------------|
| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2012.10.17 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 2.9575611246377 |

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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 chip coords:

(77,1), (145,1), (145,1024), (77,1024)

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|----------|---|---|
| seq_num | | Sequence number |
| obs_id | 62121 | Observation id |
| title | ACIS-456789 diagnostics | Proposal title |
| observer | CHANDRA engineering request/realtime commanding | Principal investig |
| object | | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 0.0 | Observer's specified target RA [deg] |
| dec_targ | 0.0 | Observer's specified target Dec [deg] |
| ra_nom | 88.836043326583 | Nominal RA [deg] |
| dec_nom | -60.023204474553 | Nominal Dec [deg] |
| roll_nom | 274.31905048017 | Nominal Roll [deg] |
| revision | 5 | Processing version of data |
| ontime | 2957.5611246377 | Sum of GTIs [s] |
| livetime | 2920.1107048481 | Livetime [s] |
| ontime4 | 1181.6020566374 | Sum of GTIs [s] |
| ontime5 | 3158.541907683 | Sum of GTIs [s] |
| ontime6 | 1329.3263840377 | Sum of GTIs [s] |
| ontime7 | 2957.5611246377 | Sum of GTIs [s] |
| ontime8 | 1317.7667563558 | Sum of GTIs [s] |
| ontime9 | 1278.6690166146 | Sum of GTIs [s] |
| l2events | 925802 | Number of level 2 events |