

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 51688 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 24 2015

See [axaff51688N002_VV001_vvref2.pdf](#) for the full report

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|----------------------------|----------------|
| V&V Scientist | Beth Sundheim |
| V&V Date (YYYY-MM-DD) | 2015.08.25 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 8.256000123024 |

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.

| | | |
|----------|---|---|
| seq_num | | Sequence number |
| obs_id | 51688 | Observation id |
| title | ACIS-012367 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 | 348.97792613648 | Nominal RA [deg] |
| dec_nom | -6.9844407113098 | Nominal Dec [deg] |
| roll_nom | 108.37816761697 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 8256.000123024 | Sum of GTIs [s] |
| livetime | 8151.4576782998 | Livetime [s] |
| ontime0 | 8256.000123024 | Sum of GTIs [s] |
| ontime1 | 8256.000123024 | Sum of GTIs [s] |
| ontime2 | 8256.000123024 | Sum of GTIs [s] |
| ontime3 | 8256.000123024 | Sum of GTIs [s] |
| ontime6 | 8256.000123024 | Sum of GTIs [s] |
| ontime7 | 8256.000123024 | Sum of GTIs [s] |
| l2events | 170468 | Number of level 2 events |