

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2120 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

See axaff02120N003_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 | 2.988 |

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:
(214.72735,6.45109), (214.74324,6.43920), (214.79009,6.50074), (214.76824,6.50480)

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|----------|---------------------------------------|---|
| seq_num | 700310 | Sequence number |
| obs_id | 2120 | Observation id |
| title | UNDERSTANDING THE NATURE OF ROSAT BFS | Proposal title |
| observer | DR. ILARIA CAGNONI | Principal investigator |
| object | 1WGA_J1420.0+0625 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 215.023333 | Observer's specified target RA [deg] |
| dec_targ | 6.423611 | Observer's specified target Dec [deg] |
| ra_nom | 215.01615112111 | Nominal RA [deg] |
| dec_nom | 6.4170860749069 | Nominal Dec [deg] |
| roll_nom | 232.87011537091 | Nominal Roll [deg] |
| revision | 4 | Processing version of data |
| ontime | 2988.4127594829 | Sum of GTIs [s] |
| livetime | 2950.5716777162 | Livetime [s] |
| ontime2 | 2988.4537994862 | Sum of GTIs [s] |
| ontime3 | 2988.2896394879 | Sum of GTIs [s] |
| ontime5 | 2988.3717194796 | Sum of GTIs [s] |
| ontime6 | 2988.3306794912 | Sum of GTIs [s] |
| ontime7 | 2988.4127594829 | Sum of GTIs [s] |
| ontime8 | 2988.2485994846 | Sum of GTIs [s] |
| l2events | 30762 | Number of level 2 events |

