

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2288 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

See axaff02288N003_VV001_vvref2.pdf for the full report

| | |
|----------------------------|------------|
| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2012.10.23 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 11.939 |

Comments

Roll constraint met.

=====

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:
(266.71509, -28.59278), (266.71087, -28.59370), (266.71527, -28.60945), (266.71949, -28.60854)

| | | |
|----------|--|---|
| seq_num | 900115 | Sequence number |
| obs_id | 2288 | Observation id |
| title | CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER | P |
| observer | Prof. Q. Daniel Wang | Principal investigator |
| object | GCS 7 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 266.8264 | Observer's specified target RA [deg] |
| dec_targ | -28.7042 | Observer's specified target Dec [deg] |
| ra_nom | 266.82549959789 | Nominal RA [deg] |
| dec_nom | -28.708832078551 | Nominal Dec [deg] |
| roll_nom | 283.80721353929 | Nominal Roll [deg] |
| revision | 4 | Processing version of data |
| ontime | 11938.857089281 | Sum of GTIs [s] |
| livetime | 11787.6800921 | Livetime [s] |
| ontime0 | 11941.974929541 | Sum of GTIs [s] |
| ontime1 | 11942.015969545 | Sum of GTIs [s] |
| ontime2 | 11942.057009548 | Sum of GTIs [s] |
| ontime3 | 11938.857089281 | Sum of GTIs [s] |
| ontime6 | 11945.421089798 | Sum of GTIs [s] |
| ontime7 | 11942.13908954 | Sum of GTIs [s] |
| l2events | 63573 | Number of level 2 events |

