

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 62293 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Jan 25 2013

See [axaff62293N002-VV001_vvref2.pdf](#) for the full report

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|----------------------------|-----------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2013.02.01 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 2.8439953018054 |

Comments

The focal plane temperature was set to a temperature of about -109.2 C during this observation and others in the interval from September 17, 1999 to January 29, 2000. The current reprocessing of the data applies no charge-transfer inefficiency (CTI) adjustment to the data because the ACIS CTI adjustment has not been calibrated at this temperature. The CTI adjustment is calibrated for data taken from January 30, 2000 to the present, when the focal-plane temperature is set to -119.7 C. However, if the observation includes one or both back-illuminated CCDs ACIS-S1 and ACIS-S3, then a time-dependent gain adjustment is applied to the data for these CCDs. The ACIS spectral response calibration is less accurate at temperatures of about -109.2 C than it is at -119.7 C.

| | | |
|----------|---|---|
| seq_num | | Sequence number |
| obs_id | 62293 | 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 | 85.95367806483 | Nominal RA [deg] |
| dec_nom | -68.37308503274 | Nominal Dec [deg] |
| roll_nom | 19.808007664573 | Nominal Roll [deg] |
| revision | 5 | Processing version of data |
| ontime | 2843.9953018054 | Sum of GTIs [s] |
| livetime | 2807.9829208456 | Livetime [s] |
| ontime4 | 1076.3619403094 | Sum of GTIs [s] |
| ontime5 | 3035.2550788671 | Sum of GTIs [s] |
| ontime6 | 1210.6000415385 | Sum of GTIs [s] |
| ontime7 | 2843.9953018054 | Sum of GTIs [s] |
| ontime8 | 1200.9590015188 | Sum of GTIs [s] |
| ontime9 | 1154.1468406022 | Sum of GTIs [s] |
| l2events | 903110 | Number of level 2 events |