

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59385 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See [axaff59385N004_VV001_vvref2.pdf](#) for the full report

| | |
|----------------------------|-----------------|
| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2013.03.08 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 7.8015999709368 |

Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the reported value of the ACIS FP temperature was ~1.3 degrees warmer than the actual temperature. The value for FP temperature reported in the headers of the Level 2 event file and the Mission Timeline files are incorrect by this amount for this processing. However, the temperature is corrected in the processing in order to obtain the correct temperature for the CTI correction. So the calibrated data are correct. If using the FP temp values in the headers of data files (some CIAO tools require this information), investigators should subtract 1.3 degrees from the reported temperature to determine the true temperature.

| | | |
|----------|---|---|
| seq_num | | Sequence number |
| obs_id | 59385 | 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 | 15.954713819796 | Nominal RA [deg] |
| dec_nom | 36.98211438869 | Nominal Dec [deg] |
| roll_nom | 190.5207948671 | Nominal Roll [deg] |
| revision | 4 | Processing version of data |
| ontime | 7801.5999709368 | Sum of GTIs [s] |
| livetime | 7702.8114145452 | Livetime [s] |
| ontime0 | 7801.5999709368 | Sum of GTIs [s] |
| ontime1 | 7801.5999709368 | Sum of GTIs [s] |
| ontime2 | 7801.5999709368 | Sum of GTIs [s] |
| ontime3 | 7801.5999709368 | Sum of GTIs [s] |
| ontime6 | 7801.5999709368 | Sum of GTIs [s] |
| ontime7 | 7801.5999709368 | Sum of GTIs [s] |
| l2events | 1001856 | Number of level 2 events |