

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 11793 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 6 2012

See axaff11793N002_VV001_vvref2.pdf for the full report

| | |
|----------------------------|-----------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2012.07.19 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 100.06254040641 |

Comments

Gain and CTI correction are not well calibrated on CCD_ID 5 (ACIS-S1). Default order sorting can clip some regions, particularly longward of 30A (first order). User-specified custom processing parameters may be required in `tg_resolve_events` (`osipfile=none`, `osort_lo`, `osort_hi ~0.5`) though this can allow more zeroth order background at short wavelengths.

===

The 30 arcsec roll deviation is acceptable for Aspect and looks like a very small but real deviation from the dither pattern (not a processing error) caused by a gyro bias shift.

| | | |
|----------|---|---|
| seq_num | 900928 | Sequence number |
| obs_id | 11793 | Observation id |
| title | Probing Galactic Feedback with X-ray Binaries | Proposal title |
| observer | Dr. Taotao Fang | Principal investigator |
| object | XB 1832-330 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 278.93375 | Observer's specified target RA [deg] |
| dec_targ | -32.991389 | Observer's specified target Dec [deg] |
| ra_nom | 278.93847255088 | Nominal RA [deg] |
| dec_nom | -32.97072805073 | Nominal Dec [deg] |
| roll_nom | 266.27419682576 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 100062.54041493 | Sum of GTIs [s] |
| livetime | 93656.43992412 | Livetime [s] |
| ontime5 | 100062.49937493 | Sum of GTIs [s] |
| ontime6 | 100062.45833492 | Sum of GTIs [s] |
| ontime7 | 100062.54041493 | Sum of GTIs [s] |
| ontime8 | 100062.41729492 | Sum of GTIs [s] |
| ontime9 | 100061.73524475 | Sum of GTIs [s] |
| l2events | 574111 | Number of level 2 events |

