

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 468 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff00468N001_VV001_vvref2.pdf for the full report

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|----------------------------|-------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2010.01.21 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 4.759 |

Comments

There was an incorrect boresight alignment calculation for this obsid.
The pointing is therefore inaccurate and not of the intended field.

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Charge time for this ObsId remains at previous value of 4.759 ksec,
although
with the current processing the charge time would have been 4.853 ksec.

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Focal plane temperature is approximately -100 C degrees during this
observation. ACIS has not been calibrated at this temperature, because
the focal plan temperature of -119.7 C degrees became the standard
shortly
after the start of the mission. Both front and back illuminated chips
are affected.

The ACIS spectral response calibration is less accurate at these warmer
temperatures than it is at -119.7 C. Users whose science objectives
depend

on the most accurate spectral response (ie: fitting line-rich spectra)
may

notice an effect. Users whose science objectives do not depend on the
most accurate spectral response should not notice an effect.

of the data applies no CTI correction because none is available for this temperature.

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|----------|-----------------------------------|---|
| seq_num | 790029 | Sequence number |
| obs_id | 468 | Observation id |
| title | Blank sky; mispointed calibration | Proposal title |
| observer | Dr. CXC Calibration | Principal investigator |
| object | Blank Sky | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 47.6659 | Observer's specified target RA |
| dec_targ | -76.8284 | Observer's specified target Dec |
| ra_nom | 47.945551451213 | Nominal RA |
| dec_nom | -76.837269013033 | Nominal Dec |
| roll_nom | 77.910068640029 | Nominal Roll |
| revision | 2 | Processing version of data |
| ontime | 4853.5 | Sum of GTIs [s] |
| livetime | 4485.3430430282 | Livetime [s] |
| ontime3 | 4853.5 | Sum of GTIs [s] |
| l2events | 612 | Number of level 2 events |

