# V&V Summary Report
# L2 ASCDS Version : 8.1.2

Observation 62549 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 14 2009

See axaff62549N001_VV001_vvref2.pdf for the full report

| V&V Scientist | Joy Nichols |
|---|---|
| V&V Date (YYYY-MM-DD) | 2010.08.16 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 6.426 |

# Comments

```
SIM at -0.5 mm from nominal focus (-166 motor steps). Focus and plate
scale measurement.
===
The guide stars in slots 4 and 6 were excluded from the aspect solution
due to poor data quality. The aspect solution is not expected to be
degraded by removing these stars from the solution.
===
The focal plane temperature is approximately -100 C during this
observation. This reprocessing of the data applies no CTI correction
because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature,
because it was early in the mission, and ACIS had not yet been lowered
to the standard -119.7 C. Both front and back illuminated chips are
affected. However a T_GAIN correction has been applied to the BI chips
(ACIS-5 and ACIS-7) data included here.

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
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depend on the most accurate spectral response should not notice an
effect.

| seq_num | 780213 | Sequence number |
|---|---|---|
| obs_id | 62549 | Observation id |
| title | ACIS Focus Test | Proposal title |
| observer | Dr. CXC Calibration | Principal investigator |
| object | PKS0637-752 | Source name |
| dtycycle | 0 | &#160 |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 98.94 | Observer's specified target RA |
| dec_targ | -75.27 | Observer's specified target Dec |
| ra_nom | 98.932321959632 | Nominal RA |
| dec_nom | -75.264704933171 | Nominal Dec |
| roll_nom | 136.05481361691 | Nominal Roll |
| revision | 4 | Processing version of data |
| ontime | 6424.5 | Sum of GTIs [s] |
| livetime | 6253.4067902196 | Livetime [s] |
| ontime7 | 6424.5 | Sum of GTIs [s] |
| l2events | 27848 | Number of level 2 events |