

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 5162 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Nov 13 2012

See axaff05162N002\_VV001\_vvref2.pdf for the full report

|                            |            |
|----------------------------|------------|
| V&V Scientist              | Jen Lauer  |
| V&V Date (YYYY-MM-DD)      | 2012.12.12 |
| V&V Edition                | 1          |
| V&V Disposition and Status | OK         |
| V&V Charge Time            | 1.452      |

## Comments

Window constraint met. A spatial exclusion window was specified for this observation. Although 6 CCD chips were active, only events from chip 3 were telemetered.

|          |  |   |
|----------|--|---|
| seq_num  | 590360   | Sequence number                             |
| obs_id   | 5162   | Observation id                              |
| title    | AO5A Observations of the Standard Candles Cas A and G21.5-09 | Propo                                       |
| observer | Dr. CXC Calibration  | Principal investigator                      |
| object   | Cas A [13,-120,-3.0,3.5,0]                                   | Source name                                 |
| dtcycle  | 0  | &#160                                       |
| cycle    | P  | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 350.8575   | Observer's specified target RA [deg]        |
| dec_targ | 58.814833  | Observer's specified target Dec [deg]       |
| ra_nom   | 350.97330065715  | Nominal RA [deg]                            |
| dec_nom  | 58.760451344288  | Nominal Dec [deg]                           |
| roll_nom | 5.9524897523792  | Nominal Roll [deg]                          |
| revision | 3  | Processing version of data                  |
| ontime   | 1449.6097379923  | Sum of GTIs [s]                             |
| livetime | 1431.2539066396  | Livetime [s]                                |
| ontime0  | 1955.1999927163  | Sum of GTIs [s]                             |
| ontime1  | 1955.1999927163  | Sum of GTIs [s]                             |
| ontime2  | 1955.1999927163  | Sum of GTIs [s]                             |
| ontime3  | 1449.6097379923  | Sum of GTIs [s]                             |
| ontime6  | 1955.1999927163  | Sum of GTIs [s]                             |
| ontime7  | 1955.1999927163  | Sum of GTIs [s]                             |
| l2events | 306450   | Number of level 2 events                    |

