

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 62212 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff62212N001\\_VV001\\_vvref2.pdf](#) for the full report

|                            |                 |
|----------------------------|-----------------|
| V&V Scientist              | Beth Sundheim   |
| V&V Date (YYYY-MM-DD)      | 2010.08.13      |
| V&V Edition                | 1               |
| V&V Disposition and Status | OK              |
| V&V Charge Time            | 2.9336304038689 |

## Comments

The focal plane temperature is approximately -110C during this observation.

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.

|          |   |   |
|----------|---|---|
| seq_num  | &#160   | Sequence number                             |
| obs_id   | 62212   | Observation id                              |
| title    | ACIS-456789 diagnostics                         | Proposal title                              |
| observer | CHANDRA engineering request/realtime commanding | Principal investig                          |
| object   | &#160   | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 0.0   | Observer's specified target RA              |
| dec_targ | 0.0   | Observer's specified target Dec             |
| ra_nom   | 131.37564683023                                 | Nominal RA                                  |
| dec_nom  | 34.344421790881                                 | Nominal Dec                                 |
| roll_nom | 151.36374078933                                 | Nominal Roll                                |
| revision | 3   | Processing version of data                  |
| ontime   | 2933.6304038689                                 | Sum of GTIs [s]                             |
| livetime | 2896.4830092749                                 | Livetime [s]                                |
| ontime4  | 1110.5264622197                                 | Sum of GTIs [s]                             |
| ontime5  | 3121.6070243791                                 | Sum of GTIs [s]                             |
| ontime6  | 1248.2973204479                                 | Sum of GTIs [s]                             |
| ontime7  | 2933.6304038689                                 | Sum of GTIs [s]                             |
| ontime8  | 1233.7268828154                                 | Sum of GTIs [s]                             |
| ontime9  | 1210.8344626352                                 | Sum of GTIs [s]                             |
| l2events | 896751  | Number of level 2 events                    |