

# V&V Summary Report

## L2 ASCDS Version : 10.4.1

Observation 16362 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Aug 16 2015

See axaff16362N001\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2015.08.17  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 10          |

## Comments

The high count rate resulted in telemetry saturation and a large number of dropped exposures. The ONTIME value reflects the lost exposure time.

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Only the first ~1 ks is included in the GTI because of the telemetry saturation.

|          |   |   |
|----------|---|---|
| seq_num  | 502260  | Sequence number                             |
| obs_id   | 16362   | Observation id                              |
| title    | Joint Chandra and HST Monitoring and Studies of the Crab Nebula | Pr  |
| observer | Dr. Martin Weisskopf  | Principal investigator                      |
| object   | Crab  | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 83.631667   | Observer's specified target RA [deg]        |
| dec_targ | 22.015667   | Observer's specified target Dec [deg]       |
| ra_nom   | 83.633018075567   | Nominal RA [deg]                            |
| dec_nom  | 22.021285100945   | Nominal Dec [deg]                           |
| roll_nom | 93.451418425325   | Nominal Roll [deg]                          |
| revision | 1   | Processing version of data                  |
| ontime   | 8184.1135463715   | Sum of GTIs [s]                             |
| livetime | 1407.9953112844   | Livetime [s]                                |
| ontime7  | 8184.1135463715   | Sum of GTIs [s]                             |
| l2events | 3534239   | Number of level 2 events                    |

