

# V&V Summary Report

## L2 ASCDS Version : 10.5.4

Observation 20048 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : May 20 2017

See [axaff20048N001\\_VV001\\_vvref2.pdf](#) for the full report

|                            |                |
|----------------------------|----------------|
| V&V Scientist              | Beth Sundheim  |
| V&V Date (YYYY-MM-DD)      | 2017.05.21     |
| V&V Edition                | 1              |
| V&V Disposition and Status | OK             |
| V&V Charge Time            | 23.06081813693 |

## Comments

|          |   |   |
|----------|---|---|
| seq_num  | 703132  | Sequence number                             |
| obs_id   | 20048   | Observation id                              |
| title    | The Rise to Power: Half a Billion Years of Intense AGN Activity in the Merging Cluster Cygnus A | Proposal title                              |
| observer | Dr. Michael Wise  | Principal investigator                      |
| object   | Cygnus A - W Hotspot  | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 299.845   | Observer's specified target RA [deg]        |
| dec_targ | 40.740361   | Observer's specified target Dec [deg]       |
| ra_nom   | 299.83472954312   | Nominal RA [deg]                            |
| dec_nom  | 40.745380118956   | Nominal Dec [deg]                           |
| roll_nom | 122.33632573798   | Nominal Roll [deg]                          |
| revision | 1   | Processing version of data                  |
| ontime   | 23060.81813693  | Sum of GTIs [s]                             |
| livetime | 22759.511570844   | Livetime [s]                                |
| ontime0  | 23067.100177526   | Sum of GTIs [s]                             |
| ontime1  | 23063.959157348   | Sum of GTIs [s]                             |
| ontime2  | 23067.100177526   | Sum of GTIs [s]                             |
| ontime3  | 23060.81813693  | Sum of GTIs [s]                             |
| ontime6  | 23067.100177526   | Sum of GTIs [s]                             |
| l2events | 182362  | Number of level 2 events                    |

