

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 4029 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 22 2012

See axaff04029N002\_VV001\_vvref2.pdf for the full report

|                            |            |
|----------------------------|------------|
| V&V Scientist              | Jen Lauer  |
| V&V Date (YYYY-MM-DD)      | 2012.11.05 |
| V&V Edition                | 1          |
| V&V Disposition and Status | OK         |
| V&V Charge Time            | 39.624     |

## Comments

|          |   |   |
|----------|---|---|
| seq_num  | 700708  | Sequence number                             |
| obs_id   | 4029  | Observation id                              |
| title    | PROBING THE NUCLEAR GEOMETRY OF THE MOST LUMINOUS GALAXY IN THE LOCAL UNIVERSE WITH CHANDRA | Proposal title                              |
| observer | Dr. Sarah Gallagher   | Principal investigator                      |
| object   | MARKARIAN 231   | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 194.059167  | Observer's specified target RA [deg]        |
| dec_targ | 56.873667   | Observer's specified target Dec [deg]       |
| ra_nom   | 194.05353651095   | Nominal RA [deg]                            |
| dec_nom  | 56.882801528224   | Nominal Dec [deg]                           |
| roll_nom | 118.71821843203   | Nominal Roll [deg]                          |
| revision | 3   | Processing version of data                  |
| ontime   | 39623.999852359   | Sum of GTIs [s]                             |
| livetime | 38633.06181676  | Livetime [s]                                |
| ontime6  | 39622.358842283   | Sum of GTIs [s]                             |
| ontime7  | 39623.999852359   | Sum of GTIs [s]                             |
| l2events | 88836   | Number of level 2 events                    |

