

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 3589 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Oct 22 2012

See axaff03589N002\_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            | 20.314     |

## Comments

|          |   |   |
|----------|---|---|
| seq_num  | 800310  | Sequence number                             |
| obs_id   | 3589  | Observation id                              |
| title    | X-RAY/SZ DETERMINATION OF COSMOLOGICAL PARAMETERS | Proposal title                              |
| observer | DR. LEON VANSPEYBROECK                            | Principal investigator                      |
| object   | MACS-J1149.5+2223                                 | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 177.395833  | Observer's specified target RA [deg]        |
| dec_targ | 22.403  | Observer's specified target Dec [deg]       |
| ra_nom   | 177.3923456822                                    | Nominal RA [deg]                            |
| dec_nom  | 22.457185773275                                   | Nominal Dec [deg]                           |
| roll_nom | 95.493824805575                                   | Nominal Roll [deg]                          |
| revision | 4   | Processing version of data                  |
| ontime   | 20313.103484422                                   | Sum of GTIs [s]                             |
| livetime | 20047.697833109                                   | Livetime [s]                                |
| ontime0  | 20309.839374185                                   | Sum of GTIs [s]                             |
| ontime1  | 20316.162384659                                   | Sum of GTIs [s]                             |
| ontime2  | 20309.921434373                                   | Sum of GTIs [s]                             |
| ontime3  | 20313.103484422                                   | Sum of GTIs [s]                             |
| ontime6  | 20316.080304652                                   | Sum of GTIs [s]                             |
| l2events | 52657   | Number of level 2 events                    |

