

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 367 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Aug 28 2012

See axaff00367N002\_VV001\_vvref2.pdf for the full report

|                            |            |
|----------------------------|------------|
| V&V Scientist              | Jen Lauer  |
| V&V Date (YYYY-MM-DD)      | 2012.08.31 |
| V&V Edition                | 1          |
| V&V Disposition and Status | OK         |
| V&V Charge Time            | 28.796     |

## Comments

Charge time for this ObsId remains at previous value of 28.796 ks although with the current processing the charge time would have been 28.83 ksec.

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The bias map for CCD\_ID = 8 was incomplete because of data gaps in telemetry. The bias map for chip 8 was reconstructed using scaled data from a comparable bias map for another observation to fill the data gaps. The region affected is bounded by the sky coordinates:  
(216.27224,22.96731), (216.39084,23.05436), (216.38908,23.05639), (216.27048,22.96934)

|          |  |   |
|----------|--|---|
| seq_num  | 700039                                       | Sequence number                             |
| obs_id   | 367  | Observation id                              |
| title    | ACIS STUDY OF GRAVITATIONALLY LENSED QUASARS | Proposal title                              |
| observer | Professor Gordon Garmire                     | Principal investigator                      |
| object   | Q1422+231                                    | Source name                                 |
| dtcycle  | 0  | &#160                                       |
| cycle    | P  | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 216.158708                                   | Observer's specified target RA [deg]        |
| dec_targ | 22.9335                                      | Observer's specified target Dec [deg]       |
| ra_nom   | 216.14916367073                              | Nominal RA [deg]                            |
| dec_nom  | 22.928816483275                              | Nominal Dec [deg]                           |
| roll_nom | 218.60884829838                              | Nominal Roll [deg]                          |
| revision | 4  | Processing version of data                  |
| ontime   | 28828.26028578                               | Sum of GTIs [s]                             |
| livetime | 28463.219495747                              | Livetime [s]                                |
| ontime1  | 28831.542296022                              | Sum of GTIs [s]                             |
| ontime2  | 28831.337096021                              | Sum of GTIs [s]                             |
| ontime3  | 28828.178205788                              | Sum of GTIs [s]                             |
| ontime6  | 28831.460216016                              | Sum of GTIs [s]                             |
| ontime7  | 28828.26028578                               | Sum of GTIs [s]                             |
| ontime8  | 28828.137165785                              | Sum of GTIs [s]                             |
| l2events | 210666                                       | Number of level 2 events                    |

