

# V&V Summary Report

## L2 ASCDS Version : 7.6.9

Observation 2411 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Nov 2 2006

See axaff02411N001\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2006.12.11  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 5.939       |

## Comments

One of 3 fiducial lights and 3 of 5 guide stars were excluded from the pointing solution due to poor data quality and insufficient tracking accuracy. The 2 remaining fid lights should be adequate for bore sight alignment, but the aspect solution is probably affected to some degree by the use of only 2 guide stars. There is an exclusion region on CCD chip S2. The investigator is advised to work with Level 1 data and evaluate whether events with bad grades should be eliminated. It appears that some source events were removed in the Level 2 version of the event data.

|          |   |
|----------|---|
| seq_num  | 100026  |
| obs_id   | 2411  |
| title    | VENUS AND MARS: THE CLOSEST PLANETARY ANALOGUES TO COMETS |
| observer | Dr. Konrad Dennerl  |
| object   | VENUS   |
| dtcycle  | 0   |
| cycle    | P   |
| ra_targ  | 339.61476   |
| dec_targ | -9.46425  |
| ra_nom   | 339.6462146585  |
| dec_nom  | -9.4300735617655  |
| roll_nom | 291.37073579696   |
| revision | 2   |
| ontime   | 5939.1590253562   |
| livetime | 5863.9538176449   |
| ontime4  | 5942.4000055343   |
| ontime5  | 5939.159045279  |
| ontime6  | 5939.159045279  |
| ontime7  | 5939.1590253562   |
| ontime8  | 5942.4000055343   |
| ontime9  | 5942.4000055343   |
| l2events | 54517   |

