

# V&V Summary Report

## L2 ASCDS Version : 7.6.9

Observation 3480 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Sep 15 2006

See axaff03480N001\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2006.09.19  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 92.888      |

## Comments

Roll constraint specified by PI met. However, the dispersed HETG spectral arms are oriented NE/SW, rather than NW/SE as discussed in the comments by the PI.

Therefore, the dispersed spectra are parallel to, rather than perpendicular to, the extended NLR of the source.

Coordinated with HST.

|          |  |
|----------|--|
| seq_num  | 700491   |
| obs_id   | 3480   |
| title    | REVEALING THE NATURE OF THE X-RAY ABSORPTION IN NGC 4151 |
| observer | PROF. STEVEN KRAEMER                                     |
| object   | NGC 4151   |
| dtcycle  | 0  |
| cycle    | P  |
| ra_targ  | 182.63625  |
| dec_targ | 39.405444  |
| ra_nom   | 182.62584731325  |
| dec_nom  | 39.400017345554  |
| roll_nom | 224.16312846819  |
| revision | 2  |
| ontime   | 92888.959625036  |
| livetime | 90818.302331869  |
| ontime4  | 92885.277594864  |
| ontime5  | 92888.959625036  |
| ontime6  | 92888.959625036  |
| ontime7  | 92888.959625036  |
| ontime8  | 92888.959625036  |
| ontime9  | 92885.27758491   |
| l2events | 674826   |

