

V&V Summary Report

L2 ASCDS Version : 7.6.9

Observation 2334 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Dec 28 2006

See axaff02334N001_VV001_vvref2.pdf for the full report

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|----------------------------|-------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2007.01.12 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 10.15 |

Comments

Standard software processing technique using the tool `tgdetect` failed to determine an accurate position for the zeroth order for this observation. The source is extended and assymmetric. The processing software defaulted to the coordinates supplied by the user as the position of the zeroth order for the grating spectral extraction. For grating analysis of localized X-ray emission withing the extended emission, the investigator will need to extract one or more dispersed spectra using user-defined zeroth order positions for all positions of interest.

Coordinates used as zeroth order position for extracting dispersed spectra in this processing:

ra=09:18:05.698, dec=-12:05:45.00

| | |
|----------|---|
| seq_num | 800177 |
| obs_id | 2334 |
| title | ACIS-S/HETG OBSERVATIONS OF THE CENTRAL REGION OF THE HYDRA A CLUSTER OF GALAXIES |
| observer | Dr. J. Jernigan |
| object | HYDRA A |
| dtcycle | 0 |
| cycle | P |
| ra_targ | 139.52375 |
| dec_targ | -12.095833 |
| ra_nom | 139.52072853764 |
| dec_nom | -12.099191576033 |
| roll_nom | 250.75486495017 |
| revision | 2 |
| ontime | 10150.400009453 |
| livetime | 10021.869532696 |
| ontime4 | 10150.400009453 |
| ontime5 | 10150.400009453 |
| ontime6 | 10150.400009453 |
| ontime7 | 10150.400009453 |
| ontime8 | 10150.400009453 |
| ontime9 | 10150.400009453 |
| l2events | 115159 |

