

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1524 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Sep 11 2012

See axaff01524N003_VV001_vvref2.pdf for the full report

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| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2012.09.12 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 13.961 |

Comments

Roll constraint met.

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Warning: double source with about 5 arcsec separation. Extraction is centered on the brighter component, but there could be some contamination in the dispersed spectra, especially in MEG.

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Standard data processing software did not correctly locate the zeroth order because of the nearby source. Manual intervention was used to input the sky coordinates (x=4064.0, y=4206.25), which were determined by eye, into the *src1a.fits file table. The zeroth order source position determined by the standard pipeline processing using the tool tgdetect was not used in this processing. The newly determined zeroth order coordinates have been placed in the *src1a.fits file, replacing the coordinates determined by tgdetect. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data.

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|----------|---|---|
| seq_num | 200035 | Sequence number |
| obs_id | 1524 | Observation id |
| title | MEASURING DOPPLER SHIFTS OF X-RAY LINES TO DETERMINE THE STELLAR WIND X-RAY LOCATIONS IN OB STARS | Proposal title |
| observer | Dr Wayne Waldron | Principal investigator |
| object | ZETA ORI | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 85.189583 | Observer's specified target RA [deg] |
| dec_targ | -1.942778 | Observer's specified target Dec [deg] |
| ra_nom | 85.185272402457 | Nominal RA [deg] |
| dec_nom | -1.9575938212722 | Nominal Dec [deg] |
| roll_nom | 260.71350144544 | Nominal Roll [deg] |
| revision | 5 | Processing version of data |
| ontime | 13960.916101754 | Sum of GTIs [s] |
| livetime | 13784.134575819 | Livetime [s] |
| ontime4 | 13957.716181517 | Sum of GTIs [s] |
| ontime5 | 13960.87506175 | Sum of GTIs [s] |
| ontime6 | 13960.834021762 | Sum of GTIs [s] |
| ontime7 | 13960.916101754 | Sum of GTIs [s] |
| ontime8 | 13957.552001595 | Sum of GTIs [s] |
| ontime9 | 13957.510981515 | Sum of GTIs [s] |
| l2events | 141205 | Number of level 2 events |

