

V&V Summary Report

L2 ASCDS Version : 8.4.3.1

Observation 8486 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

See axaff08486N003_VV001_vvref2.pdf for the full report

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| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2012.04.27 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 27.9487998 |

Comments

This is a binary source with the components separated by 5 arcsec. The separation is in the cross-dispersion direction and the individual dispersed spectra are separated sufficiently to be extracted separately. The investigator will need to use narrow extraction widths and avoid background contamination from the nearby spectrum. The zeroth orders will need to be determined separately for each spectrum. CIAO tools are available for these tasks.

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The spectral extraction in this processing is based on the position of the brighter X-ray source (the western source). Manual intervention was used to input the correct sky coordinates (x=4080.375, y=4107.875) into the *srcla.fits file table. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data.

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|----------|--|---|
| seq_num | 200381 | Sequence number |
| obs_id | 8486 | Observation id |
| title | Probing spectral changes in variable active M dwarfs | Proposal titl |
| observer | Dr. Jan-Uwe Ness | Principal investigator |
| object | EQ Peg | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 352.9675 | Observer's specified target RA [deg] |
| dec_targ | 19.93725 | Observer's specified target Dec [deg] |
| ra_nom | 352.96615515842 | Nominal RA [deg] |
| dec_nom | 19.935582205047 | Nominal Dec [deg] |
| roll_nom | 286.26708063229 | Nominal Roll [deg] |
| revision | 3 | Processing version of data |
| ontime | 27947.830864549 | Sum of GTIs [s] |
| livetime | 27593.938601978 | Livetime [s] |
| ontime4 | 27947.871904552 | Sum of GTIs [s] |
| ontime5 | 27947.789824545 | Sum of GTIs [s] |
| ontime6 | 27947.748784542 | Sum of GTIs [s] |
| ontime7 | 27947.830864549 | Sum of GTIs [s] |
| ontime8 | 27944.466744363 | Sum of GTIs [s] |
| ontime9 | 27947.666704535 | Sum of GTIs [s] |
| l2events | 433910 | Number of level 2 events |

