

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 610 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Sep 11 2012

See [axaff00610N003\\_VV001\\_vvref2.pdf](#) for the full report

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	59.91

## Comments

Charge time for this ObsId remains at previous value of 59.91 ks, although with this processing the charge time would be 60.44 ks. 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=4065.25, y=4206.875), 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.

seq_num	200035	Sequence number
obs_id	610	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	&#160
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	85.185481203312	Nominal RA [deg]
dec_nom	-1.9577069228693	Nominal Dec [deg]
roll_nom	261.55103347338	Nominal Roll [deg]
revision	5	Processing version of data
ontime	60435.20005627	Sum of GTIs [s]
livetime	59669.933163449	Livetime [s]
ontime4	60370.380791798	Sum of GTIs [s]
ontime5	60435.20005627	Sum of GTIs [s]
ontime6	60376.862602666	Sum of GTIs [s]
ontime7	60435.20005627	Sum of GTIs [s]
ontime8	60381.452072993	Sum of GTIs [s]
ontime9	60389.826573178	Sum of GTIs [s]
l2events	601651	Number of level 2 events

