

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7445 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 23 2012

See axaff07445N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	26.088

Comments

Zeroth order moderately piled up. Standard data processing software did not correctly locate the zeroth order due to pileup. Manual intervention was used to input the correct sky coordinates ($x=4063.66$, $y=4085.71$) into the *srcla.fits file table. These corrected coordinates were determined using a software tool developed by CXC called findzero, which is expected to be released in CIAO (currently in ISIS). The tool calculates the point of intersection of the readout streak and the meg arm (preferred position), or the readout streak and the heg arm. 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 *srcla.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	200455	Sequence number
obs_id	7445	Observation id
title	Colliding Wind Geometry and Dynamics in Eta Carinae: A New Cycle	P
observer	Dr Michael Corcoran	Principal investigator
object	Eta Car	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.265	Observer's specified target RA [deg]
dec_targ	-59.684528	Observer's specified target Dec [deg]
ra_nom	161.25589344404	Nominal RA [deg]
dec_nom	-59.683006894656	Nominal Dec [deg]
roll_nom	130.14876561683	Nominal Roll [deg]
revision	2	Processing version of data
ontime	26088.0	Sum of GTIs [s]
livetime	25393.240928204	Livetime [s]
ontime4	26088.0	Sum of GTIs [s]
ontime5	26088.0	Sum of GTIs [s]
ontime6	26088.0	Sum of GTIs [s]
ontime7	26088.0	Sum of GTIs [s]
ontime8	26088.0	Sum of GTIs [s]
ontime9	26086.458979845	Sum of GTIs [s]
l2events	278390	Number of level 2 events

