

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10831 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 29 2012

See [axaff10831N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.0705

Comments

Zeroth order 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 ($x=4088.75$, $y=4063.05$) into the `*src1a.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. 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	200511	Sequence number
obs_id	10831	Observation id
title	Shock Dynamics in Eta Carinae Approaching the 2009 Periastron Passage: A Twisted Tail	Proposal title
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	161.2626747378	Nominal RA [deg]
dec_nom	-59.679839669787	Nominal Dec [deg]
roll_nom	72.654620953204	Nominal Roll [deg]
revision	3	Processing version of data
ontime	18070.5	Sum of GTIs [s]
livetime	17589.257903753	Livetime [s]
ontime4	18070.5	Sum of GTIs [s]
ontime5	18070.5	Sum of GTIs [s]
ontime6	18070.5	Sum of GTIs [s]
ontime7	18070.5	Sum of GTIs [s]
ontime8	18070.5	Sum of GTIs [s]
ontime9	18070.5	Sum of GTIs [s]
l2events	213433	Number of level 2 events

