

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3745 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 30 2012

See axaff03745N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	97.286

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 ($x=4109.94$, $y=4166.25$) into the *src1a.fits file table. These corrected coordinates were determined using a software tool developed by CXC, tg_findzo, available in CIAO. 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	200215	Sequence number
obs_id	3745	Observation id
title	UNVEILING ETA CAR: CHANDRA OBSERVATIONS DURING THE 2003.5 EVENT	Pr
observer	Dr Michael Corcoran	Principal investigator
object	ETA CARINAE	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	161.26855634449	Nominal RA [deg]
dec_nom	-59.694006747769	Nominal Dec [deg]
roll_nom	290.84540428689	Nominal Roll [deg]
revision	3	Processing version of data
ontime	97304.1702075	Sum of GTIs [s]
livetime	94533.002755302	Livetime [s]
ontime5	97295.524176657	Sum of GTIs [s]
ontime6	97260.939813763	Sum of GTIs [s]
ontime7	97304.1702075	Sum of GTIs [s]
ontime8	97258.057474911	Sum of GTIs [s]
l2events	704462	Number of level 2 events

