

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10787 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 25 2012

See axaff10787N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	70.296

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=4064.48, y=4083.37) 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 (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 *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. ===

Charge time:

Charge time for this ObsId remains at previous value of 70.296 ks.

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Raw telemetry for this obsid was edited to remove a few corrupted data packets that were caused by a tlmBusy condition on ACIS.

seq_num	200455	Sequence number
obs_id	10787	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	161.25614772742	Nominal RA [deg]
dec_nom	-59.682649711437	Nominal Dec [deg]
roll_nom	125.51523740727	Nominal Roll [deg]
revision	3	Processing version of data
ontime	70789.456143796	Sum of GTIs [s]
livetime	68904.236240263	Livetime [s]
ontime4	70791.0	Sum of GTIs [s]
ontime5	70790.956074119	Sum of GTIs [s]
ontime6	70790.915034115	Sum of GTIs [s]
ontime7	70789.456143796	Sum of GTIs [s]
ontime8	70790.873994112	Sum of GTIs [s]
ontime9	70790.832954109	Sum of GTIs [s]
l2events	752435	Number of level 2 events

