V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 8930 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 29 2012

See axaff08930N003_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	30.4575

Comments

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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=4088.46, y=4062.95) 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.
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seq_num	200511	Sequence number
obs_id	8930	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
dtycycle	0	&#160
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	161.2626144795	Nominal RA [deg]
dec_nom	-59.679850383695	Nominal Dec [deg]
roll_nom	72.654565244665	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30457.5	Sum of GTIs [s]
livetime	29646.375175206	Livetime [s]
ontime4	30457.5	Sum of GTIs [s]
ontime5	30457.5	Sum of GTIs [s]
ontime6	30454.41795969	Sum of GTIs [s]
ontime7	30457.5	Sum of GTIs [s]
ontime8	30457.5	Sum of GTIs [s]
ontime9	30457.5	Sum of GTIs [s]
l2events	361897	Number of level 2 events