V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 3748 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

See axaff03748N002_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	100.101

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=4058.736, y=4156.879) 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 as tg_findzo (currently in ISIS as
findzo). 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	200218	Sequence number
obs_id	3748	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
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	161.25462056375	Nominal RA [deg]
dec_nom	-59.69267488501	Nominal Dec [deg]
roll_nom	247.34264504945	Nominal Roll [deg]
revision	3	Processing version of data
ontime	100100.0004262	Sum of GTIs [s]
livetime	97249.209318745	Livetime [s]
ontime5	100100.0004262	Sum of GTIs [s]
ontime6	100097.11839598	Sum of GTIs [s]
ontime7	100100.0004262	Sum of GTIs [s]
ontime8	100098.55943602	Sum of GTIs [s]
l2events	600390	Number of level 2 events