V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2337 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

See axaff02337N004_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.124

Comments

Zeroth order moderately 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=4155.42, y=4138.52)
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	200124	Sequence number
obs_id	2337	Observation id
title	CAPTURING WR140 AT PERIASTRON WITH THE CHANDRA HETG	Proposal title
observer	Dr Andrew Pollock	Principal investigator
object	WR140	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	305.116667	Observer's specified target RA [deg]
dec_targ	43.854528	Observer's specified target Dec [deg]
ra_nom	305.12773578694	Nominal RA [deg]
dec_nom	43.848767951248	Nominal Dec [deg]
roll_nom	334.59785355702	Nominal Roll [deg]
revision	5	Processing version of data
ontime	46124.75908269	Sum of GTIs [s]
livetime	45540.699610189	Livetime [s]
ontime4	46124.759082705	Sum of GTIs [s]
ontime5	46128.000042945	Sum of GTIs [s]
ontime6	46128.000042945	Sum of GTIs [s]
ontime7	46124.75908269	Sum of GTIs [s]
ontime8	46128.000042945	Sum of GTIs [s]
ontime9	46128.000042945	Sum of GTIs [s]
l2events	525601	Number of level 2 events