

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 2337 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 7 2007

See [axaff02337N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.124

Comments

Target is assumed to be at its brightest before absorption set in.=====
====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=4155.44; y=4138.59) 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.

seq_num	200124
obs_id	2337
title	CAPTURING WR140 AT PERIASTRON WITH THE CHANDRA HETG
observer	Mr Andrew Pollock
object	WR140
dtcycle	0
cycle	P
ra_targ	305.116667
dec_targ	43.854528
ra_nom	305.12773578694
dec_nom	43.848767951248
roll_nom	334.59785355702
revision	4
ontime	46124.759082705
livetime	45540.699610204
ontime4	46124.75908272
ontime5	46128.00004296
ontime6	46128.00004296
ontime7	46124.759082705
ontime8	46128.00004296
ontime9	46128.00004296
l2events	526393

