

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9909 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

See axaff09909N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.4479998

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 ($x=4080.98$, $y=4127.61$) into the *srcla.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 *srcla.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	200492	Sequence number
obs_id	9909	Observation id
title	The clear view of WR140's collisionless shocks through the companion O-star wind	Proposal title
observer	Dr Andrew Pollock	Principal investigator
object	WR 140	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	305.116667	Observer's specified target RA [deg]
dec_targ	43.8545	Observer's specified target Dec [deg]
ra_nom	305.11348415016	Nominal RA [deg]
dec_nom	43.850235627252	Nominal Dec [deg]
roll_nom	210.15883121068	Nominal Roll [deg]
revision	2	Processing version of data
ontime	36447.314372003	Sum of GTIs [s]
livetime	35985.796531487	Livetime [s]
ontime4	36447.355412006	Sum of GTIs [s]
ontime5	36447.273332	Sum of GTIs [s]
ontime6	36447.232291996	Sum of GTIs [s]
ontime7	36447.314372003	Sum of GTIs [s]
ontime8	36447.191251993	Sum of GTIs [s]
ontime9	36447.15021199	Sum of GTIs [s]
l2events	686282	Number of level 2 events

