

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 6601 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 27 2012

See [axaff06601N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.0168728

Comments

ZerOTH order piled up, as well as parts of the dispersed spectral arms. 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=4099.27, y=4109.27) 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	400506	Sequence number
obs_id	6601	Observation id
title	CHANDRA OBSERVATIONS OF THE WIND FROM CYGNUS X-3 FROM CYGNUS X-3	P
observer	Dr. Michael McCollough	Principal investigator
object	Cygnus X-3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	308.10625	Observer's specified target RA [deg]
dec_targ	40.957694	Observer's specified target Dec [deg]
ra_nom	308.10794344917	Nominal RA [deg]
dec_nom	40.956041532158	Nominal Dec [deg]
roll_nom	0.98507540764037	Nominal Roll [deg]
revision	2	Processing version of data
ontime	51016.872880429	Sum of GTIs [s]
livetime	49563.941342781	Livetime [s]
ontime5	51084.600217521	Sum of GTIs [s]
ontime6	49211.286682814	Sum of GTIs [s]
ontime7	51016.872880429	Sum of GTIs [s]
ontime8	51084.600217521	Sum of GTIs [s]
l2events	5604311	Number of level 2 events

