

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2710 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

See axaff02710N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	57.372

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 ($x=4105.86$, $y=4165.93$) 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 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 *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	400190	Sequence number
obs_id	2710	Observation id
title	OUTFLOWS FROM X-RAY PULSARS IN THE PROPELLER STATE	Proposal title
observer	Dr. Wei Cui	Principal investigator
object	GX 1+4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.0125	Observer's specified target RA [deg]
dec_targ	-24.745639	Observer's specified target Dec [deg]
ra_nom	263.01038570019	Nominal RA [deg]
dec_nom	-24.755124594494	Nominal Dec [deg]
roll_nom	268.66912200856	Nominal Roll [deg]
revision	3	Processing version of data
ontime	57369.599786282	Sum of GTIs [s]
livetime	56643.151369962	Livetime [s]
ontime4	57369.599786282	Sum of GTIs [s]
ontime5	57369.599786282	Sum of GTIs [s]
ontime6	57369.599786282	Sum of GTIs [s]
ontime7	57369.599786282	Sum of GTIs [s]
ontime8	57369.599786282	Sum of GTIs [s]
ontime9	57369.599786282	Sum of GTIs [s]
l2events	636037	Number of level 2 events

