

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 649 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 28 2012

See axaff00649N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	52.128

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=4108.18, y=4023.58) 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	300018	Sequence number
obs_id	649	Observation id
title	HETG SPECTROSCOPY OF BRIGHT INTERMEDIATE POLARS	Proposal title
observer	Dr Koji Mukai	Principal investigator
object	V1223 SGR	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	283.759583	Observer's specified target RA [deg]
dec_targ	-31.163694	Observer's specified target Dec [deg]
ra_nom	283.76152265207	Nominal RA [deg]
dec_nom	-31.153764121317	Nominal Dec [deg]
roll_nom	91.066057199284	Nominal Roll [deg]
revision	5	Processing version of data
ontime	52137.559088305	Sum of GTIs [s]
liveltime	51477.361921659	Livetime [s]
ontime4	52137.559118241	Sum of GTIs [s]
ontime5	52140.800048545	Sum of GTIs [s]
ontime6	52137.55908832	Sum of GTIs [s]
ontime7	52137.559088305	Sum of GTIs [s]
ontime8	52131.07719779	Sum of GTIs [s]
ontime9	52134.318128079	Sum of GTIs [s]
l2events	619623	Number of level 2 events

