

V&V Summary Report

L2 ASCDS Version : 8.4.3.1

Observation 8450 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 11 2012

See axaff08450N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.1375

Comments

Zeroth order moderately 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 ($x=4111.26$, $y=4100.44$) 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	701337	Sequence number
obs_id	8450	Observation id
title	NGC 3516: Disk Diagnostics from a Windy BLSy1 in a High-State	Prop
observer	Dr Tracey Turner	Principal investigator
object	NGC 3516	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.698333	Observer's specified target RA [deg]
dec_targ	72.568972	Observer's specified target Dec [deg]
ra_nom	166.70471722288	Nominal RA [deg]
dec_nom	72.568161553535	Nominal Dec [deg]
roll_nom	30.150536814948	Nominal Roll [deg]
revision	2	Processing version of data
ontime	39137.5	Sum of GTIs [s]
livetime	38505.395428643	Livetime [s]
ontime4	39137.5	Sum of GTIs [s]
ontime5	39137.5	Sum of GTIs [s]
ontime6	39137.5	Sum of GTIs [s]
ontime7	39137.5	Sum of GTIs [s]
ontime8	39137.5	Sum of GTIs [s]
ontime9	39137.5	Sum of GTIs [s]
l2events	524514	Number of level 2 events

