

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3168 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Sep 28 2012

See axaff03168N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.485

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 ($x=4040.66$, $y=3952.72$) 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	790062	Sequence number
obs_id	3168	Observation id
title	AO3 CALIBRATION OBSERVATIONS OF PKS2155-304	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS2155-304	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	329.716667	Observer's specified target RA [deg]
dec_targ	-30.225556	Observer's specified target Dec [deg]
ra_nom	329.70810138888	Nominal RA [deg]
dec_nom	-30.205924830855	Nominal Dec [deg]
roll_nom	286.1681948425	Nominal Roll [deg]
revision	5	Processing version of data
ontime	30485.000129774	Sum of GTIs [s]
livetime	28796.691259368	Livetime [s]
ontime4	30485.000129774	Sum of GTIs [s]
ontime5	30485.000129774	Sum of GTIs [s]
ontime6	30483.518069685	Sum of GTIs [s]
ontime7	30485.000129774	Sum of GTIs [s]
ontime8	30485.000129774	Sum of GTIs [s]
ontime9	30484.259089768	Sum of GTIs [s]
l2events	339305	Number of level 2 events

