

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1014 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

See axaff01014N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.13

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 ($x=4111.04$, $y=4096.82$) 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	390006	Sequence number
obs_id	1014	Observation id
title	GRATINGS 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	329.71924004128	Nominal RA [deg]
dec_nom	-30.225665970493	Nominal Dec [deg]
roll_nom	126.22652676589	Nominal Roll [deg]
revision	3	Processing version of data
ontime	27127.5	Sum of GTIs [s]
livetime	26689.367345654	Livetime [s]
ontime4	27127.5	Sum of GTIs [s]
ontime5	27127.5	Sum of GTIs [s]
ontime6	27127.5	Sum of GTIs [s]
ontime7	27127.5	Sum of GTIs [s]
ontime8	27127.5	Sum of GTIs [s]
ontime9	27127.5	Sum of GTIs [s]
l2events	319652	Number of level 2 events

