V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 9712 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 17 2012

See axaff09712N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.04

Comments

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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=4075.51, y=4066.44) into
the *src1a.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. 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
*src1a.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.
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seq_num	790189	Sequence number
obs_id	9712	Observation id
title	AO9 Calibration Observations of PKS2155-304	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS2155-304	Source name
dtycycle	0	&#160
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	329.7135477661	Nominal RA [deg]
dec_nom	-30.221493529512	Nominal Dec [deg]
roll_nom	91.921331114524	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15038.996352911	Sum of GTIs [s]
livetime	14796.103517567	Livetime [s]
ontime4	15036.496382713	Sum of GTIs [s]
ontime5	15038.955312908	Sum of GTIs [s]
ontime6	15038.914272904	Sum of GTIs [s]
ontime7	15038.996352911	Sum of GTIs [s]
ontime8	15038.873232901	Sum of GTIs [s]
ontime9	15038.832192898	Sum of GTIs [s]
l2events	235820	Number of level 2 events