V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 8380 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

See axaff08380N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.5375

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=4081.05, y=4064.08) 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
(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 *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	790116	Sequence number
obs_id	8380	Observation id
title	AO8 Calibration Observations of Mkn 421 and PKS2155-304	Proposal t
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	329.71439522183	Nominal RA [deg]
dec_nom	-30.221117872725	Nominal Dec [deg]
roll_nom	82.155473362447	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15536.984000325	Sum of GTIs [s]
livetime	15286.04823254	Livetime [s]
ontime4	15537.025040329	Sum of GTIs [s]
ontime5	15536.942960322	Sum of GTIs [s]
ontime6	15536.901920319	Sum of GTIs [s]
ontime7	15536.984000325	Sum of GTIs [s]
ontime8	15536.860880315	Sum of GTIs [s]
ontime9	15536.819840312	Sum of GTIs [s]
l2events	242908	Number of level 2 events