V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 5171 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 15 2012

See axaff05171N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	67.154

Comments

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Target placed near the edge of the chip for calibration purposes.
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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=4089.53, y=3943.26) into
the *src1a.fits file table. These corrected coordinates were determined
using a software tool developed by CXC called tg_findzo,available in
CIAO. The tool calculates the point of intersection of the readout
streak and the leg 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	790091	Sequence number
obs_id	5171	Observation id
title	AO5 Calibration Observations of PKS2155-304	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Mkn 421	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.113333	Observer's specified target RA [deg]
dec_targ	38.208806	Observer's specified target Dec [deg]
ra_nom	166.11269251741	Nominal RA [deg]
dec_nom	38.229789903645	Nominal Dec [deg]
roll_nom	274.57623540539	Nominal Roll [deg]
revision	3	Processing version of data
ontime	67154.401000679	Sum of GTIs [s]
livetime	63877.485970397	Livetime [s]
ontime4	67154.401000679	Sum of GTIs [s]
ontime5	67154.401000679	Sum of GTIs [s]
ontime6	67154.401000679	Sum of GTIs [s]
ontime7	67154.401000679	Sum of GTIs [s]
ontime8	67154.401000679	Sum of GTIs [s]
ontime9	67154.401000679	Sum of GTIs [s]
l2events	1604534	Number of level 2 events