V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 10670 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

See axaff10670N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.799873036742

Comments

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Note: the MEG spectrum shows in the bad-events image, meaning it is
somewhat piled. 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=4088.25,
y=4117.07) 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	790207		Sequence number
obs_id	10670		Observation id
title	AO-10 Calibration Observations of PKS2155-304		Proposal title
observer	Dr. CXC Calibration		Principal investigator
object	Mkn421		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	166.11242760757		Nominal RA [deg]
dec_nom	38.206011326108		Nominal Dec [deg]
roll_nom	193.67644759991		Nominal Roll [deg]
revision	3		Processing version of data
ontime	14799.87303859		Sum of GTIs [s]
livetime	14560.842252178		Livetime [s]
ontime4	14799.914078593		Sum of GTIs [s]
ontime5	14799.831998587		Sum of GTIs [s]
ontime6	14799.790958583		Sum of GTIs [s]
ontime7	14799.87303859		Sum of GTIs [s]
ontime8	14799.74991858		Sum of GTIs [s]
ontime9	14799.708878577		Sum of GTIs [s]
l2events	431360		Number of level 2 events