

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 469 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See [axaff00469N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.896

Comments

On axis calibration observation on I3 using 128 subarray. In spite of the title of this observation, this is a good exposure of the target. It is not blank sky.

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The focal plane temperature is approximately -100 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	790030	Sequence number
obs_id	469	Observation id
title	Blank sky; mispointed calibration	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS0312-770	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	47.98	Observer's specified target RA
dec_targ	-76.864167	Observer's specified target Dec
ra_nom	47.995351315093	Nominal RA
dec_nom	-76.859671004155	Nominal Dec
roll_nom	76.211633924289	Nominal Roll
revision	3	Processing version of data
ontime	12895.914193757	Sum of GTIs [s]
livetime	11917.708666417	Livetime [s]
ontime3	12895.914193757	Sum of GTIs [s]
l2events	8255	Number of level 2 events

