

V&V Summary Report

L2 ASCDS Version : 8.2.1

Observation 1104 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 13 2010

See [axaff01104N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.761

Comments

Target is off-axis on I3 chip. PSF measurement. Aim point is not on subarray, but the target is.

===

Charge time for this observation remains at previous value of 13.761 ksec, although with the current processing the charge time would have been 13.860 ksec.

==

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

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	780054	Sequence number
obs_id	1104	Observation id
title	 	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	48.135360822392	Nominal RA
dec_nom	-76.849502734559	Nominal Dec
roll_nom	64.835048610895	Nominal Roll
revision	2	Processing version of data
ontime	13860.876969784	Sum of GTIs [s]
livetime	12809.475241927	Livetime [s]
ontime3	13860.876969784	Sum of GTIs [s]
l2events	9504	Number of level 2 events

