

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1277 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01277N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.853

Comments

ACIS-I plate focus measurements.

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Slot 4 was not utilized in this observation.

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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	780227	Sequence number
obs_id	1277	Observation id
title	Bias observation	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	47.994844971465	Nominal RA
dec_nom	-76.859504619506	Nominal Dec
roll_nom	77.710603796425	Nominal Roll
revision	3	Processing version of data
ontime	4853.4349203035	Sum of GTIs [s]
livetime	4485.2828998813	Livetime [s]
ontime3	4853.4349203035	Sum of GTIs [s]
l2events	3624	Number of level 2 events

