

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1276 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01276N001_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	5.892

Comments

ACIS plate focus measurements. SIM TT = 92905, SIM FA = -167.

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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	780226	Sequence number
obs_id	1276	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	47.995080368537	Nominal RA
dec_nom	-76.859529847497	Nominal Dec
roll_nom	77.797262049889	Nominal Roll
revision	3	Processing version of data
ontime	5894.7850451097	Sum of GTIs [s]
livetime	5447.6425450149	Livetime [s]
ontime3	5894.7850451097	Sum of GTIs [s]
l2events	4470	Number of level 2 events

