

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1051 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jul 10 2010

See [axaff01051N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.033

Comments

Due to operational issues that were later resolved, only 1 of 3 fid lights was acquired for 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	780001	Sequence number
obs_id	1051	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS0637-752	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	98.94	Observer's specified target RA
dec_targ	-75.27	Observer's specified target Dec
ra_nom	98.834134681158	Nominal RA
dec_nom	-75.262984506357	Nominal Dec
roll_nom	137.04073391379	Nominal Roll
revision	4	Processing version of data
ontime	1033.4030052572	Sum of GTIs [s]
livetime	1020.3174341641	Livetime [s]
ontime2	1033.3209252581	Sum of GTIs [s]
ontime3	1033.2798852548	Sum of GTIs [s]
ontime5	1033.3619652539	Sum of GTIs [s]
ontime6	1033.1978052557	Sum of GTIs [s]
ontime7	1033.4030052572	Sum of GTIs [s]
ontime8	1033.238845259	Sum of GTIs [s]
l2events	29672	Number of level 2 events

