

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 1052 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Jul 10 2010

See axaff01052N001\_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	1.036

## Comments

Due to operational problems that were later corrected, only 1 of 3 fid lights was acquired for this observation.

===

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	780002	Sequence number
obs_id	1052	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS0637-752	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	98.799577	Observer's specified target RA
dec_targ	-75.259367	Observer's specified target Dec
ra_nom	98.693849039825	Nominal RA
dec_nom	-75.25228065931	Nominal Dec
roll_nom	136.88532562996	Nominal Roll
revision	4	Processing version of data
ontime	1033.6000009626	Sum of GTIs [s]
livetime	1020.5119353912	Livetime [s]
ontime2	1033.6000009626	Sum of GTIs [s]
ontime3	1033.6000009626	Sum of GTIs [s]
ontime5	1033.6000009626	Sum of GTIs [s]
ontime6	1033.6000009626	Sum of GTIs [s]
ontime7	1033.6000009626	Sum of GTIs [s]
ontime8	1033.6000009626	Sum of GTIs [s]
l2events	34705	Number of level 2 events

