

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 1093 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See [axaff01093N001\\_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

## Comments

No fid lights were acquired for this observation due to an error in offline system software which calculates the nominal positions of the FID lights for off-nominal aim points (SIM Z translations away from 4 nominal instrument aim points). The loss of all fid lights means there is no GTI and level 2 processing produces no valid events.

Also, only 3 of 5 guide stars were acquired.

===

Charge time for this ObsId remains at original value of 1.0 ks, although with the current processing the charge time would have been 0 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

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	780043	Sequence number
obs_id	1093	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	98.94	Observer's specified target RA
dec_targ	-75.27	Observer's specified target Dec
ra_nom	98.936534447596	Nominal RA
dec_nom	-75.264471430427	Nominal Dec
roll_nom	127.99764286373	Nominal Roll
revision	2	Processing version of data
ontime	0.0	Sum of GTIs [s]
livetime	0.0	Livetime [s]
ontime0	0.0	Sum of GTIs [s]
ontime1	0.0	Sum of GTIs [s]
ontime2	0.0	Sum of GTIs [s]
ontime3	0.0	Sum of GTIs [s]
ontime6	0.0	Sum of GTIs [s]
ontime7	0.0	Sum of GTIs [s]
l2events	0	Number of level 2 events

