

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1056 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 14 2009

See [axaff01056N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.05.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.756

Comments

Optical axis determination with PKS0637. Target off-axis. SIM focus at motor step -932.

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Charge time for this ObsId remains at previous value of 1.756 ksec, although with the current processing the charge time would have been 1.753 ksec.

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No guide star in slot 6.

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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

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	780006	Sequence number
obs_id	1056	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	98.802919616819	Nominal RA
dec_nom	-75.265078082683	Nominal Dec
roll_nom	135.24169226031	Nominal Roll
revision	3	Processing version of data
ontime	1753.6000016332	Sum of GTIs [s]
livetime	1731.3948625213	Livetime [s]
ontime2	1753.6000016332	Sum of GTIs [s]
ontime3	1753.6000016332	Sum of GTIs [s]
ontime5	1753.6000016332	Sum of GTIs [s]
ontime6	1753.6000016332	Sum of GTIs [s]
ontime7	1753.6000016332	Sum of GTIs [s]
ontime8	1753.6000016332	Sum of GTIs [s]
l2events	49886	Number of level 2 events

