

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1055 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 14 2009

See axaff01055N001_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	2.035

Comments

Optical axis determination with PKS0637.

SIM focus at motor step -932

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No guide star acquired in slot 7.

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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	780005	Sequence number
obs_id	1055	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	98.932208667851	Nominal RA
dec_nom	-75.264856837965	Nominal Dec
roll_nom	135.39936666373	Nominal Roll
revision	3	Processing version of data
ontime	2034.9459451139	Sum of GTIs [s]
livetime	2009.1782342595	Livetime [s]
ontime2	2034.8638651147	Sum of GTIs [s]
ontime3	2034.8228251114	Sum of GTIs [s]
ontime5	2034.9049051106	Sum of GTIs [s]
ontime6	2034.7407451123	Sum of GTIs [s]
ontime7	2034.9459451139	Sum of GTIs [s]
ontime8	2034.7817851156	Sum of GTIs [s]
l2events	53708	Number of level 2 events

