

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1060 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 14 2009

See [axaff01060N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.05.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.76

Comments

ACIS-S Crude Optical Axis Determination Yoff = -1.4, Zoff = -1.4. Target off-axis.

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Guide star in slot 7 was not acquired.

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High radiation environment contributes to enhanced count rate.

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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

effect.

seq_num	780010	Sequence number
obs_id	1060	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	99.062222570224	Nominal RA
dec_nom	-75.264778601179	Nominal Dec
roll_nom	135.02141484823	Nominal Roll
revision	3	Processing version of data
ontime	1758.7977610901	Sum of GTIs [s]
livetime	1736.5268048183	Livetime [s]
ontime2	1758.715681091	Sum of GTIs [s]
ontime3	1758.6746410877	Sum of GTIs [s]
ontime5	1758.7567210868	Sum of GTIs [s]
ontime6	1758.5925610885	Sum of GTIs [s]
ontime7	1758.7977610901	Sum of GTIs [s]
ontime8	1758.6336010918	Sum of GTIs [s]
l2events	116631	Number of level 2 events

