

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1061 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 14 2009

See axaff01061N001_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 = -3.0, Zoff = -2.8.
Target
very off-axis.

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Guide star in slot 4 was not acquired. The guide star in slot 3 was removed from the aspect solution due to poor data quality.

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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

depend on the most accurate spectral response should not notice an effect.

seq_num	780011	Sequence number
obs_id	1061	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	99.201266156527	Nominal RA
dec_nom	-75.267203296951	Nominal Dec
roll_nom	135.12468443304	Nominal Roll
revision	3	Processing version of data
ontime	1758.3858210817	Sum of GTIs [s]
livetime	1736.1200810423	Livetime [s]
ontime2	1758.5089410841	Sum of GTIs [s]
ontime3	1758.4679010808	Sum of GTIs [s]
ontime5	1758.54998108	Sum of GTIs [s]
ontime6	1758.3858210817	Sum of GTIs [s]
ontime7	1758.5910210833	Sum of GTIs [s]
ontime8	1758.426861085	Sum of GTIs [s]
l2events	45293	Number of level 2 events

