

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62558 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jul 10 2010

See [axaff62558N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.115

Comments

Charge time remains at previous value of 0.115 ksec, although with the current processing the charge time would have been 0.121 ksec.

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Fid lights in slots 0 and 1 were not acquired for this observation.

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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	780213	Sequence number
obs_id	62558	Observation id
title	ACIS Focus Test	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	98.832729124551	Nominal RA
dec_nom	-75.261339589536	Nominal Dec
roll_nom	136.95554403838	Nominal Roll
revision	4	Processing version of data
ontime	121.60000011325	Sum of GTIs [s]
livetime	120.06022769309	Livetime [s]
ontime2	121.60000011325	Sum of GTIs [s]
ontime3	121.60000011325	Sum of GTIs [s]
ontime5	121.60000011325	Sum of GTIs [s]
ontime6	121.60000011325	Sum of GTIs [s]
ontime7	121.60000011325	Sum of GTIs [s]
ontime8	121.60000011325	Sum of GTIs [s]
l2events	2706	Number of level 2 events

