

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 62554 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jul 10 2010

See [axaff62554N001\\_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	11.366

## Comments

ACIS focus and plate scale test. Moved ISIM FOCUS to -0.700mm at 226:2229 (-30 steps to -300 steps). Only 1 of 3 fid lights was acquired for this observation due to operational issues.

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The guide stars in slots 4 and 6 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

effect.

seq_num	780213	Sequence number
obs_id	62554	Observation id
title	ACIS Focus Test	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS0637-752	Source name
dtcycle	0	&#160
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	98.834611974236	Nominal RA
dec_nom	-75.263310367941	Nominal Dec
roll_nom	136.94956348361	Nominal Roll
revision	3	Processing version of data
ontime	11363.200010583	Sum of GTIs [s]
livetime	11219.312329951	Livetime [s]
ontime2	11363.200010583	Sum of GTIs [s]
ontime3	11363.200010583	Sum of GTIs [s]
ontime5	11363.200010583	Sum of GTIs [s]
ontime6	11363.200010583	Sum of GTIs [s]
ontime7	11363.200010583	Sum of GTIs [s]
ontime8	11363.200010583	Sum of GTIs [s]
l2events	255999	Number of level 2 events

