

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 476 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 16 2009

See [axaff00476N001\\_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	4.821

## Comments

ACIS-S Plate Focus using PKS 0637-752

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SIM FA = -1210

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Charge time for this ObsId remains at previous value of 4.821 ksec, although with the current processing the charge time would have been 4.854 ksec.

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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

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	790037	Sequence number
obs_id	476	Observation id
title	PKS0637-752, an AGN used for focussing	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	98.933666604866	Nominal RA
dec_nom	-75.2648613903	Nominal Dec
roll_nom	131.48041486915	Nominal Roll
revision	3	Processing version of data
ontime	4854.5999919549	Sum of GTIs [s]
livetime	4642.8844605536	Livetime [s]
ontime7	4854.5999919549	Sum of GTIs [s]
l2events	14287	Number of level 2 events

