

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 1058 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 14 2009

See axaff01058N001\_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	1.753

## Comments

Crude Optical Axis Determination.

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Charge time for this ObsId remains at previous value of 1.753 ksec, although with the current processing the charge time would have been 1.750 ksec.

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Guide star in slot 7 not acquired.

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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	780008	Sequence number
obs_id	1058	Observation id
title	&#160	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	98.932021081657	Nominal RA
dec_nom	-75.297656628892	Nominal Dec
roll_nom	134.95412927195	Nominal Roll
revision	2	Processing version of data
ontime	1750.3590414226	Sum of GTIs [s]
livetime	1728.1949413004	Livetime [s]
ontime2	1750.3590414226	Sum of GTIs [s]
ontime3	1750.3590414226	Sum of GTIs [s]
ontime5	1750.3590414226	Sum of GTIs [s]
ontime6	1750.3590414226	Sum of GTIs [s]
ontime7	1750.3590414226	Sum of GTIs [s]
ontime8	1750.3590414226	Sum of GTIs [s]
l2events	46985	Number of level 2 events

