

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 846 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See [axaff00846N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.03.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.87

Comments

The focal plane temperature is approximately -110 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	700151	Sequence number
obs_id	846	Observation id
title	STRUCTURES AND SPECTRA OF HOT GAS AROUND NEARBY BL LAC OBJECTS	Pro
observer	Prof Mark Birkinshaw	Principal investigator
object	PKS 0521-365	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	80.74158	Observer's specified target RA
dec_targ	-36.45857	Observer's specified target Dec
ra_nom	80.746146864999	Nominal RA
dec_nom	-36.461898544469	Nominal Dec
roll_nom	340.36124091486	Nominal Roll
revision	4	Processing version of data
ontime	9870.0	Sum of GTIs [s]
livetime	9121.3218985657	Livetime [s]
ontime7	9870.0	Sum of GTIs [s]
l2events	24501	Number of level 2 events

