

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 840 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See [axaff00840N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.617

Comments

Charge time for this ObsId remains at previous value of 4.617 ksec, although with the current processing the charge time would have been 4.609 ksec.

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Focal plane temperature is warmer than -118.7 C degrees during the entire observation. This temperature is the upper limit of the verified ACIS calibration for the front-illuminated chips. The focal plane temperature is also warmer than -116.7 degrees C for the entire observation. This temperature is the upper limit of the verified ACIS calibration for the back-illuminated chips. 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	700145	Sequence number
obs_id	840	Observation id
title	THE X-RAY CLUSTER ENVIRONMENT OF BLAZARS	Proposal title
observer	Dr. Joseph Pesce	Principal investigator
object	PKS 0548-322	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	87.67	Observer's specified target RA
dec_targ	-32.271611	Observer's specified target Dec
ra_nom	87.67507517565	Nominal RA
dec_nom	-32.274684434731	Nominal Dec
roll_nom	346.97199328791	Nominal Roll
revision	4	Processing version of data
ontime	4609.7175301835	Sum of GTIs [s]
livetime	4551.3465111777	Livetime [s]
ontime0	4613.0820692182	Sum of GTIs [s]
ontime1	4642.2101199776	Sum of GTIs [s]
ontime2	4544.9389669299	Sum of GTIs [s]
ontime3	4609.7175301835	Sum of GTIs [s]
ontime7	5076.5823651329	Sum of GTIs [s]
l2events	121770	Number of level 2 events

