

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 494 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See axaff00494N001_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.772

Comments

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 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.

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This reprocessing of the data applies no CTI correction because none is available for that temperature.

seq_num	800002	Sequence number
obs_id	494	Observation id
title	THE COOLING FLOW IN A1795	Proposal title
observer	Professor Andrew Fabian	Principal investigator
object	A1795	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.219583	Observer's specified target RA
dec_targ	26.590833	Observer's specified target Dec
ra_nom	207.23492835464	Nominal RA
dec_nom	26.607131636792	Nominal Dec
roll_nom	55.134079413676	Nominal Roll
revision	4	Processing version of data
ontime	19769.600018412	Sum of GTIs [s]
livetime	19519.265439155	Livetime [s]
ontime2	19769.600018412	Sum of GTIs [s]
ontime3	19769.600018412	Sum of GTIs [s]
ontime6	19769.600018412	Sum of GTIs [s]
ontime7	19769.600018412	Sum of GTIs [s]
ontime8	19769.600018412	Sum of GTIs [s]
l2events	471512	Number of level 2 events

