

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 495 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff00495N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.04
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 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	800003	Sequence number
obs_id	495	Observation id
title	THE MASSIVE COOLING FLOW IN A1835	Proposal title
observer	Professor Andrew Fabian	Principal investigator
object	A1835	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	210.258333	Observer's specified target RA
dec_targ	2.877778	Observer's specified target Dec
ra_nom	210.27109254453	Nominal RA
dec_nom	2.8948443359126	Nominal Dec
roll_nom	58.484469405551	Nominal Roll
revision	4	Processing version of data
ontime	19771.4448158	Sum of GTIs [s]
livetime	19521.086876607	Livetime [s]
ontime2	19771.403775796	Sum of GTIs [s]
ontime3	19768.080715649	Sum of GTIs [s]
ontime6	19771.3627358	Sum of GTIs [s]
ontime7	19771.4448158	Sum of GTIs [s]
ontime8	19771.280546106	Sum of GTIs [s]
l2events	222876	Number of level 2 events

