

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 518 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 17 2009

See [axaff00518N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.24

Comments

Roll constraint not met.

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.

seq_num	800026	Sequence number
obs_id	518	Observation id
title	MASS DISTRIBUTIONS OF RELAXED CLUSTERS	Proposal title
observer	Dr Steve Murray	Principal investigator
object	A401	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	44.74292	Observer's specified target RA
dec_targ	13.5775	Observer's specified target Dec
ra_nom	44.727248993811	Nominal RA
dec_nom	13.578910094668	Nominal Dec
roll_nom	104.02305039603	Nominal Roll
revision	5	Processing version of data
ontime	18236.800016984	Sum of GTIs [s]
liveltime	18005.874674287	Livetime [s]
ontime0	18236.800016984	Sum of GTIs [s]
ontime1	18236.800016984	Sum of GTIs [s]
ontime2	18236.800016984	Sum of GTIs [s]
ontime3	18233.559056774	Sum of GTIs [s]
ontime6	18236.800016984	Sum of GTIs [s]
ontime7	18236.800016984	Sum of GTIs [s]
l2events	257939	Number of level 2 events

