

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 307 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 4 2009

See [axaff00307N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.166

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	600067	Sequence number
obs_id	307	Observation id
title	M31 MONITORING (FOLLOWUP)	Proposal title
observer	Dr Steve Murray	Principal investigator
object	M31 TRANSIENT TBD	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.685	Observer's specified target RA
dec_targ	41.268972	Observer's specified target Dec
ra_nom	10.681158635294	Nominal RA
dec_nom	41.25783082483	Nominal Dec
roll_nom	304.29948266731	Nominal Roll
revision	3	Processing version of data
ontime	4165.1001631916	Sum of GTIs [s]
livetime	4112.359157003	Livetime [s]
ontime0	4165.2643231899	Sum of GTIs [s]
ontime1	4165.2232831866	Sum of GTIs [s]
ontime2	4165.1822431907	Sum of GTIs [s]
ontime3	4165.1001631916	Sum of GTIs [s]
ontime6	4165.1412031874	Sum of GTIs [s]
l2events	46265	Number of level 2 events

