

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 306 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See axaff00306N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.185

Comments

Observation has about 800 seconds less OnTime than requested, due to an unusually long slew. All events are included in this processing.

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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 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. No CTI correction was applied in this processing because that calibration is not available at these focal plane temperatures.

seq_num	600066	Sequence number
obs_id	306	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	10.684088597009	Nominal RA
dec_nom	41.263695615791	Nominal Dec
roll_nom	285.38107759573	Nominal Roll
revision	4	Processing version of data
ontime	4182.3179853857	Sum of GTIs [s]
livetime	4129.3589567652	Livetime [s]
ontime0	4182.4000038952	Sum of GTIs [s]
ontime1	4182.4000038952	Sum of GTIs [s]
ontime2	4179.1590436772	Sum of GTIs [s]
ontime3	4182.3179853857	Sum of GTIs [s]
ontime6	4182.3590253815	Sum of GTIs [s]
l2events	28317	Number of level 2 events

