

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 305 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff00305N001_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	4.182

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	600065	Sequence number
obs_id	305	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	10.682728419842	Nominal RA
dec_nom	41.263953414349	Nominal Dec
roll_nom	274.03338649054	Nominal Roll
revision	4	Processing version of data
ontime	4179.2000038922	Sum of GTIs [s]
livetime	4126.2804570308	Livetime [s]
ontime0	4175.9590436816	Sum of GTIs [s]
ontime1	4179.2000038922	Sum of GTIs [s]
ontime2	4179.2000038922	Sum of GTIs [s]
ontime3	4179.2000038922	Sum of GTIs [s]
ontime6	4179.2000038922	Sum of GTIs [s]
l2events	31048	Number of level 2 events

