

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 303 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See axaff00303N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.014

Comments

Significant increase in counts in the intervals 4-5 and 11-14 ksec into the observations.

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Charge time for this ObsId remains at previous value of 12.014 ksec, although with the current processing the charge time would have been 11.988 ksec.

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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 approximately 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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Window preference was not met.

seq_num	600063	Sequence number
obs_id	303	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	10.678061724346	Nominal RA
dec_nom	41.269891899884	Nominal Dec
roll_nom	192.96933472999	Nominal Roll
revision	3	Processing version of data
ontime	11988.470194504	Sum of GTIs [s]
livetime	11836.664966311	Livetime [s]
ontime0	12017.639085889	Sum of GTIs [s]
ontime1	12095.42281922	Sum of GTIs [s]
ontime2	11913.927052289	Sum of GTIs [s]
ontime3	11988.470194504	Sum of GTIs [s]
ontime6	12098.663640052	Sum of GTIs [s]
ontime7	11447.219535261	Sum of GTIs [s]
l2events	879139	Number of level 2 events

