

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62534 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 17 2009

See axaff62534N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.819690462254

Comments

A spatial exclusion window was specified for this observation. Although 6 CCD chips were active, only events from chips 6 and 7 were telemetered.

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Science Run for 123 begins (tt=54696519) before mid-slew (tt=54706872).

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Obsid 62534 has two science runs: acisf054054312N002_SR0.strip and acisf054061357N002_SR0.strip inside its obsid transition time. The first one nicely fits in this interval, while the other is in fact a premature start of SR for the next obsid - even before obsid transition! An override obspar was used to resolve this issue.

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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.

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	 	Sequence number
obs_id	62534	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Target RA
dec_targ	0.0	Target Dec
ra_nom	119.99385893835	Nominal RA
dec_nom	-66.595035011757	Nominal Dec
roll_nom	122.89628765296	Nominal Roll
revision	5	Processing version of data
ontime	3819.690462254	Sum of GTIs [s]
livetime	3771.3232416795	Livetime [s]
ontime4	2319.0440268964	Sum of GTIs [s]
ontime5	3819.6494222507	Sum of GTIs [s]
ontime6	2591.1625517085	Sum of GTIs [s]
ontime7	3819.690462254	Sum of GTIs [s]
ontime8	2552.3532788455	Sum of GTIs [s]
ontime9	2578.2403194606	Sum of GTIs [s]
l2events	618752	Number of level 2 events