

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 1304 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 17 2009

See axaff01304N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9

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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Due to telemetry saturation, the effective exposure time is substantially less than the duration and may vary from chip-to-chip. This is expected for bright sources.

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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

science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	 	Sequence number
obs_id	1304	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	119.99424743091	Nominal RA
dec_nom	-66.595078442708	Nominal Dec
roll_nom	121.9144353041	Nominal Roll
revision	3	Processing version of data
ontime	8035.2000074834	Sum of GTIs [s]
liveness	7933.453466772	Livetime [s]
ontime4	4442.2054356039	Sum of GTIs [s]
ontime5	8035.2000074834	Sum of GTIs [s]
ontime6	5181.2691456601	Sum of GTIs [s]
ontime7	8035.2000074834	Sum of GTIs [s]
ontime8	5115.1035032943	Sum of GTIs [s]
ontime9	5035.3848268837	Sum of GTIs [s]
l2events	1276871	Number of level 2 events