

V&V Summary Report

L2 ASCDS Version : 8.3.2.1

Observation 62729 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 15 2010

See [axaff62729N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.157195179872

Comments

This ACIS internal calibration observation was acquired before the ACIS door was open. A reflection of the door is visible in the image.

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Focal plane temperature is warmer than -118.7 C degrees during this observation. The ACIS spectral response calibration for the front-illuminated chips is less accurate at these warmer temperatures than it is at -119.7 C. The back-illuminated chips are not affected at the focal plane temperatures recorded for this observation.

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The CCD bias map for CCD_ID = 2 was incomplete because of a data gap in telemetry. The bias map for chip 2 were reconstructed using scaled data from a comparable bias map for another observation to fill the data gaps.

seq_num	0	Sequence number
obs_id	62729	Observation id
title	ACIS internal cal; post IPS4	Proposal title
observer	CHANDRA orbital activation and checkout	Principal investigator
object	 	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Target RA
dec_targ	0.0	Target Dec
ra_nom	221.44845767995	Nominal RA
dec_nom	-8.8640935804804	Nominal Dec
roll_nom	252.85345408718	Nominal Roll
revision	5	Processing version of data
ontime	10157.195179872	Sum of GTIs [s]
livetime	10032.42825395	Livetime [s]
ontime0	10170.559040599	Sum of GTIs [s]
ontime1	10170.559040599	Sum of GTIs [s]
ontime2	10173.899990812	Sum of GTIs [s]
ontime3	10170.559040591	Sum of GTIs [s]
ontime6	10167.21805045	Sum of GTIs [s]
ontime7	10157.195179872	Sum of GTIs [s]
l2events	825442	Number of level 2 events