

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62329 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See [axaff62329N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.021689692311

Comments

The focal plane temperature is approximately -110C during this observation.

The ACIS CTI correction has not been calibrated at this temperature because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front- and back-illuminated chips are affected. However, a T_GAIN correction has been applied to the BI chips

(ACIS-5 and ACIS-7) data included here.

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	62329	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	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	83.816767174433	Nominal RA
dec_nom	-5.3889264235536	Nominal Dec
roll_nom	67.704368434662	Nominal Roll
revision	4	Processing version of data
ontime	4021.689692311	Sum of GTIs [s]
livetime	3970.7646358561	Livetime [s]
ontime4	1484.3950661644	Sum of GTIs [s]
ontime5	4255.4726516679	Sum of GTIs [s]
ontime6	1691.8215767071	Sum of GTIs [s]
ontime7	4021.689692311	Sum of GTIs [s]
ontime8	1684.7429588139	Sum of GTIs [s]
ontime9	1639.9649864659	Sum of GTIs [s]
l2events	1287404	Number of level 2 events