

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62276 - L2 Version 6
Chandra X-Ray Center

L2 Processing Date : Oct 20 2010

See axaff62276N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.5522867186293

Comments

This observation is missing about 110 s at the end.

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The focal plane temperature is approximately -110 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

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	62276	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	0.031231972282669	Nominal RA
dec_nom	59.955642888492	Nominal Dec
roll_nom	270.88101849068	Nominal Roll
revision	6	Processing version of data
ontime	2552.2867186293	Sum of GTIs [s]
livetime	2519.9681273955	Livetime [s]
ontime4	951.34164110571	Sum of GTIs [s]
ontime5	2724.099677667	Sum of GTIs [s]
ontime6	1064.7369215339	Sum of GTIs [s]
ontime7	2552.2867186293	Sum of GTIs [s]
ontime8	1090.7473215833	Sum of GTIs [s]
ontime9	1022.4803313091	Sum of GTIs [s]
l2events	805253	Number of level 2 events