

V&V Summary Report

L2 ASCDS Version : 8.3.2.1

Observation 62378 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

See [axaff62378N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.8582993553132

Comments

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	62378	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	112.07464922491	Nominal RA
dec_nom	80.317672594128	Nominal Dec
roll_nom	73.915229207382	Nominal Roll
revision	4	Processing version of data
ontime	3858.2993553132	Sum of GTIs [s]
livetime	3809.4432456873	Livetime [s]
ontime4	1399.9484124631	Sum of GTIs [s]
ontime5	4117.5791342631	Sum of GTIs [s]
ontime6	1613.980142951	Sum of GTIs [s]
ontime7	3858.2993553132	Sum of GTIs [s]
ontime8	1563.6488765106	Sum of GTIs [s]
ontime9	1591.2519026995	Sum of GTIs [s]
l2events	1280284	Number of level 2 events