

# V&V Summary Report

## L2 ASCDS Version : 8.2.1

Observation 62430 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 23 2010

See [axaff62430N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7328000025451

## 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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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	&#160	Sequence number
obs_id	62430	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
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	201.35846162926	Nominal RA
dec_nom	-43.022843236118	Nominal Dec
roll_nom	220.64227498169	Nominal Roll
revision	3	Processing version of data
ontime	2732.8000025451	Sum of GTIs [s]
livetime	2698.1956434183	Livetime [s]
ontime4	1787.7380063981	Sum of GTIs [s]
ontime5	2732.8000025451	Sum of GTIs [s]
ontime6	1984.1402815133	Sum of GTIs [s]
ontime7	2732.8000025451	Sum of GTIs [s]
ontime8	1929.0440281034	Sum of GTIs [s]
ontime9	1923.940584071	Sum of GTIs [s]
l2events	454656	Number of level 2 events