

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62707 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 31 2010

See axaff62707N001_VV002_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.16
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	7.4136659317315

Comments

Measurement of orbital background.

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There is no Kalman lock during this observation.

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The focal plane temperature is approximately -90C 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.

No KALMAN intervals.

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seq_num	0	Sequence number
obs_id	62707	Observation id
title	ACIS-I background measurement	Proposal title
observer	CHANDRA orbital activation and checkout	Principal investigator
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Target RA
dec_targ	0.0	Target Dec
ra_nom	165.01522476119	Nominal RA
dec_nom	-50.595868075386	Nominal Dec
roll_nom	204.5264543554	Nominal Roll
revision	3	Processing version of data
ontime	7413.6659317315	Sum of GTIs [s]
livetime	7322.5994225492	Livetime [s]
ontime0	7413.6659018025	Sum of GTIs [s]
ontime1	7413.6659018025	Sum of GTIs [s]
ontime2	7413.6659018025	Sum of GTIs [s]
ontime3	7413.6659018025	Sum of GTIs [s]
ontime6	7413.6413135603	Sum of GTIs [s]
ontime7	7413.6659317315	Sum of GTIs [s]
l2events	65001	Number of level 2 events