

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62260 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See [axaff62260N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.63

Comments

Charge time for this observation remains at original value of 1.63 ksec, although with the current processing the charge time would have been 2.90 ksec.

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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	62260	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	108.048508736	Nominal RA
dec_nom	-65.177277853512	Nominal Dec
roll_nom	17.90033627961	Nominal Roll
revision	4	Processing version of data
ontime	2903.9634368494	Sum of GTIs [s]
livetime	2867.1917032552	Livetime [s]
ontime4	1085.7470355406	Sum of GTIs [s]
ontime5	3098.4223261699	Sum of GTIs [s]
ontime6	1237.4647752121	Sum of GTIs [s]
ontime7	2903.9634368494	Sum of GTIs [s]
ontime8	1228.3527160361	Sum of GTIs [s]
ontime9	1179.2491751015	Sum of GTIs [s]
l2events	905839	Number of level 2 events