

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62246 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See [axaff62246N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.484445399031

Comments

The focal plane temperature is approximately -110C 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	62246	Observation id
title	ACIS-012367 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	83.043370552085	Nominal RA
dec_nom	-49.992466273911	Nominal Dec
roll_nom	343.6316409975	Nominal Roll
revision	4	Processing version of data
ontime	3484.445399031	Sum of GTIs [s]
livetime	3440.3232533074	Livetime [s]
ontime0	1390.7112654448	Sum of GTIs [s]
ontime1	1432.8037953749	Sum of GTIs [s]
ontime2	1342.0136352032	Sum of GTIs [s]
ontime3	1351.9008653685	Sum of GTIs [s]
ontime6	1503.8412064984	Sum of GTIs [s]
ontime7	3484.445399031	Sum of GTIs [s]
l2events	907613	Number of level 2 events