

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62278 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff62278N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5040017248914

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	62278	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	0.031373034016871	Nominal RA
dec_nom	59.975715759631	Nominal Dec
roll_nom	270.88090641386	Nominal Roll
revision	4	Processing version of data
ontime	3504.0017248914	Sum of GTIs [s]
livetime	3459.6319451943	Livetime [s]
ontime0	1377.3860240579	Sum of GTIs [s]
ontime1	1390.3913736716	Sum of GTIs [s]
ontime2	1325.5841158703	Sum of GTIs [s]
ontime3	1309.2423333004	Sum of GTIs [s]
ontime6	1474.6717467234	Sum of GTIs [s]
ontime7	3504.0017248914	Sum of GTIs [s]
l2events	915884	Number of level 2 events