

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62221 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff62221N001_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	2.8634803845584

Comments

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	62221	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	213.29618407099	Nominal RA
dec_nom	-65.323698734332	Nominal Dec
roll_nom	86.066372212366	Nominal Roll
revision	3	Processing version of data
ontime	2863.4803845584	Sum of GTIs [s]
livetime	2827.2212717483	Livetime [s]
ontime4	1084.4020619765	Sum of GTIs [s]
ontime5	3028.7698339298	Sum of GTIs [s]
ontime6	1210.5572035685	Sum of GTIs [s]
ontime7	2863.4803845584	Sum of GTIs [s]
ontime8	1236.7719523385	Sum of GTIs [s]
ontime9	1174.987082012	Sum of GTIs [s]
l2events	881689	Number of level 2 events