

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62353 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff62353N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.4507702672035

Comments

The front-end processor designated FEPO suffered from a rare problem. As a result, the top half of the bias-map for Chip 7 was corrupted for part of the observation and many invalid events were telemetered for this region. The standard pipeline processing tools identify the problem and remove the spurious events from the Level 2 event file during the interval in question.

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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 chip (ACIS-7) data included here.

seq_num	 	Sequence number
obs_id	62353	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	97.683725877054	Nominal RA
dec_nom	-50.673105955149	Nominal Dec
roll_nom	79.103691255754	Nominal Roll
revision	3	Processing version of data
ontime	1450.7702672035	Sum of GTIs [s]
livetime	1432.3997405311	Livetime [s]
ontime0	2150.4812285975	Sum of GTIs [s]
ontime1	2163.445568122	Sum of GTIs [s]
ontime2	2040.7689426243	Sum of GTIs [s]
ontime3	2069.455417946	Sum of GTIs [s]
ontime6	2306.0511388928	Sum of GTIs [s]
ontime7	1450.7702672035	Sum of GTIs [s]
l2events	1083766	Number of level 2 events