

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 57203 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 3 2012

See [axaff57203N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.8507338110209

Comments

The bias file for chip 4 suffers from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~ 20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for chip 4 has not been repaired because this observation was taken at a very focal plane high temperature (about 5 degree higher than normal). Repairing a bias file with data from another bias file that was taken more than one degree different in focal plane temperature is not approved or advised by the Chandra Project.

seq_num	 	Sequence number
obs_id	57203	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 [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	208.95977247673	Nominal RA [deg]
dec_nom	12.15431552097	Nominal Dec [deg]
roll_nom	128.70841389452	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6850.7338110209	Sum of GTIs [s]
livetime	6763.985694489	Livetime [s]
ontime4	6850.610691011	Sum of GTIs [s]
ontime5	6850.6927710176	Sum of GTIs [s]
ontime6	6850.6517310143	Sum of GTIs [s]
ontime7	6850.7338110209	Sum of GTIs [s]
ontime8	6850.5696510077	Sum of GTIs [s]
ontime9	6850.7748510242	Sum of GTIs [s]
l2events	437837	Number of level 2 events