

V&V Summary Report

L2 ASCDS Version : 8.4.3.1

Observation 59268 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 24 2012

See [axaff59268N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.255999969244

Comments

A spatial region of the original bias map for CCD = 3 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original 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 CCD = 3 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by chip coords:
(845,1), (886,1), (886,660), (845,640)

seq_num	 	Sequence number
obs_id	59268	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 [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	73.957857908723	Nominal RA [deg]
dec_nom	49.986309712902	Nominal Dec [deg]
roll_nom	171.12998434608	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8255.999969244	Sum of GTIs [s]
livetime	8151.4575264671	Livetime [s]
ontime0	8255.999969244	Sum of GTIs [s]
ontime1	8255.999969244	Sum of GTIs [s]
ontime2	8255.999969244	Sum of GTIs [s]
ontime3	8255.999969244	Sum of GTIs [s]
ontime6	8255.999969244	Sum of GTIs [s]
ontime7	8255.999969244	Sum of GTIs [s]
l2events	1023063	Number of level 2 events