

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 57819 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

See [axaff57819N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.90740740513802

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:

(63,1), (84,1), (84,1024), (63,1024)

seq_num	 	Sequence number
obs_id	57819	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	225.97765683065	Nominal RA [deg]
dec_nom	7.2817595020106	Nominal Dec [deg]
roll_nom	186.75926669751	Nominal Roll [deg]
revision	3	Processing version of data
ontime	907.40740513802	Sum of GTIs [s]
livetime	895.91726619902	Livetime [s]
ontime0	907.36636513472	Sum of GTIs [s]
ontime1	907.32532513142	Sum of GTIs [s]
ontime2	907.28428512812	Sum of GTIs [s]
ontime3	907.44844514132	Sum of GTIs [s]
ontime6	907.24324512482	Sum of GTIs [s]
ontime7	907.40740513802	Sum of GTIs [s]
l2events	65915	Number of level 2 events