

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59881 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 8 2013

See [axaff59881N004_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2833235702217

Comments

The bias map for CCD_ID = 2 suffered from anomalously high bias values in one region 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 CCD_ID = 2 has been recreated for this processing to remove this anomaly.

seq_num	 	Sequence number
obs_id	59881	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	108.96514921337	Nominal RA [deg]
dec_nom	33.997956412578	Nominal Dec [deg]
roll_nom	148.87722691764	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8283.3235702217	Sum of GTIs [s]
livetime	8178.4351395569	Livetime [s]
ontime0	7064.6756297648	Sum of GTIs [s]
ontime1	7203.9959156513	Sum of GTIs [s]
ontime2	6870.1348340809	Sum of GTIs [s]
ontime3	6948.0823908448	Sum of GTIs [s]
ontime6	7472.9153072238	Sum of GTIs [s]
ontime7	8283.3235702217	Sum of GTIs [s]
l2events	1129803	Number of level 2 events