

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 58339 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

See axaff58339N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.5631999905109

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:
(669,478), (700,478), (700,793), (669,793)

seq_num	 	Sequence number
obs_id	58339	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	294.9712483087	Nominal RA [deg]
dec_nom	0.00073697609887523	Nominal Dec [deg]
roll_nom	145.75298147018	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2563.1999905109	Sum of GTIs [s]
livetime	2530.7432088574	Livetime [s]
ontime0	2563.1999905109	Sum of GTIs [s]
ontime1	2563.1999905109	Sum of GTIs [s]
ontime2	2559.9589902163	Sum of GTIs [s]
ontime3	2563.1999905109	Sum of GTIs [s]
ontime6	2563.1999905109	Sum of GTIs [s]
ontime7	2563.1999905109	Sum of GTIs [s]
l2events	224478	Number of level 2 events