

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 52963 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 3 2014

See axaff52963N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.03.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2903747091889

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:
(786,1), (841,1), (841,286), (786,341)

seq_num	 	Sequence number
obs_id	52963	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	271.08865575584	Nominal RA [deg]
dec_nom	3.3263923521531	Nominal Dec [deg]
roll_nom	80.285337300713	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8290.3747091889	Sum of GTIs [s]
livetime	8185.3969927568	Livetime [s]
ontime0	8290.4157392979	Sum of GTIs [s]
ontime1	8291.1999691725	Sum of GTIs [s]
ontime2	8287.9589290023	Sum of GTIs [s]
ontime3	8290.3336592913	Sum of GTIs [s]
ontime6	8291.1999691725	Sum of GTIs [s]
ontime7	8290.3747091889	Sum of GTIs [s]
l2events	185529	Number of level 2 events