

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 52885 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2014

See axaff52885N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2900662989616

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:
(731,387), (748,387), (748,949), (731,949)

seq_num	 	Sequence number
obs_id	52885	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	0.034888424797828	Nominal RA [deg]
dec_nom	55.020592349636	Nominal Dec [deg]
roll_nom	12.898390766857	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8290.0662989616	Sum of GTIs [s]
livetime	8185.0924878056	Livetime [s]
ontime0	8290.0252589583	Sum of GTIs [s]
ontime1	8289.984218955	Sum of GTIs [s]
ontime2	8289.9431789517	Sum of GTIs [s]
ontime3	8290.1073389649	Sum of GTIs [s]
ontime6	8289.9021389484	Sum of GTIs [s]
ontime7	8290.0662989616	Sum of GTIs [s]
l2events	177121	Number of level 2 events