

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 55249 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 21 2012

See [axaff55249N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2879999691844

Comments

Spatial regions of the original bias maps for CCD = 3 and 6 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 maps for CCD = 3 and 6 have 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:

ccd_3: (112,875), (147,875), (147,1024), (112,1024)

ccd_6: (892,549), (925,549), (925,962), (892,916)

seq_num	 	Sequence number
obs_id	55249	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	288.02950994238	Nominal RA [deg]
dec_nom	-39.01138352267	Nominal Dec [deg]
roll_nom	299.85671417084	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8287.9999691844	Sum of GTIs [s]
livetime	8183.0523231401	Livetime [s]
ontime0	8287.9999691844	Sum of GTIs [s]
ontime1	8287.9999691844	Sum of GTIs [s]
ontime2	8287.9999691844	Sum of GTIs [s]
ontime3	8287.9999691844	Sum of GTIs [s]
ontime6	8287.9999691844	Sum of GTIs [s]
ontime7	8287.9999691844	Sum of GTIs [s]
l2events	307022	Number of level 2 events