

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 55952 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

See [axaff55952N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9501960289478

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(373,496), (394,496), (394,966), (373,976)

seq_num	 	Sequence number
obs_id	55952	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	47.637766622166	Nominal RA [deg]
dec_nom	11.027674723266	Nominal Dec [deg]
roll_nom	91.54854597001	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4950.1960289478	Sum of GTIs [s]
livetime	4887.5136661791	Livetime [s]
ontime0	4950.1549889445	Sum of GTIs [s]
ontime1	4950.1139489412	Sum of GTIs [s]
ontime2	4950.0729089379	Sum of GTIs [s]
ontime3	4950.2370689511	Sum of GTIs [s]
ontime6	4950.0318689346	Sum of GTIs [s]
ontime7	4950.1960289478	Sum of GTIs [s]
l2events	214222	Number of level 2 events