

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 51773 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 13 2015

See [axaff51773N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.07.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0832001204491

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:

(33,1), (53,1), (53,1024), (33,1024)

seq_num	 	Sequence number
obs_id	51773	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	297.10069637389	Nominal RA [deg]
dec_nom	-10.543307238841	Nominal Dec [deg]
roll_nom	142.32559135876	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8083.2001204491	Sum of GTIs [s]
livetime	7980.8457734052	Livetime [s]
ontime0	8083.2001204491	Sum of GTIs [s]
ontime1	8083.2001204491	Sum of GTIs [s]
ontime2	8083.2001204491	Sum of GTIs [s]
ontime3	8083.2001204491	Sum of GTIs [s]
ontime6	8083.2001204491	Sum of GTIs [s]
ontime7	8083.2001204491	Sum of GTIs [s]
l2events	146545	Number of level 2 events