

V&V Summary Report

L2 ASCDS Version : 10.4.2.1

Observation 51537 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 2 2015

See [axaff51537N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2734152255058

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.

seq_num	 	Sequence number
obs_id	51537	Observation id
title	ACIS-012357 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	28.976618567362	Nominal RA [deg]
dec_nom	31.179173676158	Nominal Dec [deg]
roll_nom	193.38162091406	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3273.4152255058	Sum of GTIs [s]
livetime	3231.9652709065	Livetime [s]
ontime0	3273.4152255058	Sum of GTIs [s]
ontime1	3273.4152950048	Sum of GTIs [s]
ontime2	3275.9263092279	Sum of GTIs [s]
ontime3	3273.4152255058	Sum of GTIs [s]
ontime5	3275.8852692842	Sum of GTIs [s]
ontime7	3273.4152255058	Sum of GTIs [s]
l2events	77869	Number of level 2 events