

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 51162 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 24 2016

See [axaff51162N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.03.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1052754268646

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.

seq_num	 	Sequence number
obs_id	51162	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	189.02057465084	Nominal RA [deg]
dec_nom	-24.177980160242	Nominal Dec [deg]
roll_nom	16.803943666535	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8105.2754268646	Sum of GTIs [s]
livetime	8002.6415489987	Livetime [s]
ontime0	8105.2343868017	Sum of GTIs [s]
ontime1	8105.193346858	Sum of GTIs [s]
ontime2	8105.1523067951	Sum of GTIs [s]
ontime3	8105.3164668083	Sum of GTIs [s]
ontime5	8105.1112668514	Sum of GTIs [s]
ontime7	8105.2754268646	Sum of GTIs [s]
l2events	173092	Number of level 2 events