

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 51193 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 14 2016

See [axaff51193N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.03.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0048000745773

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	51193	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	148.69381907553	Nominal RA [deg]
dec_nom	-1.777328505696	Nominal Dec [deg]
roll_nom	281.09149449731	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5004.8000745773	Sum of GTIs [s]
livetime	4941.4262825042	Livetime [s]
ontime0	5004.8000745773	Sum of GTIs [s]
ontime1	5004.8000745773	Sum of GTIs [s]
ontime2	5004.8000745773	Sum of GTIs [s]
ontime3	5004.8000745773	Sum of GTIs [s]
ontime5	5004.8000745773	Sum of GTIs [s]
ontime7	5004.8000745773	Sum of GTIs [s]
l2events	144617	Number of level 2 events