

V&V Summary Report

L2 ASCDS Version : 10.4.2.1

Observation 51441 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 9 2015

See [axaff51441N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3200001239777

Comments

A spatial region of the original bias map for CCD = 4 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 = 4 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	51441	Observation id
title	ACIS-456789 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	331.57959497503	Nominal RA [deg]
dec_nom	-23.43703157552	Nominal Dec [deg]
roll_nom	282.61640309235	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8320.0001239777	Sum of GTIs [s]
livetime	8214.6472727052	Livetime [s]
ontime4	8320.0001239777	Sum of GTIs [s]
ontime5	8320.0001239777	Sum of GTIs [s]
ontime6	8320.0001239777	Sum of GTIs [s]
ontime7	8320.0001239777	Sum of GTIs [s]
ontime8	8320.0001239777	Sum of GTIs [s]
ontime9	8320.0001239777	Sum of GTIs [s]
l2events	185990	Number of level 2 events