

V&V Summary Report

L2 ASCDS Version : 10.4.2.1

Observation 51506 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 17 2015

See [axaff51506N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.11.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.453281170845

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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	51506	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	73.969105803163	Nominal RA [deg]
dec_nom	34.013367449068	Nominal Dec [deg]
roll_nom	119.58629257948	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8453.281170845	Sum of GTIs [s]
livetime	8346.240634705	Livetime [s]
ontime0	8453.2401307821	Sum of GTIs [s]
ontime1	8453.1990908384	Sum of GTIs [s]
ontime2	8453.1580507755	Sum of GTIs [s]
ontime3	8453.3222107887	Sum of GTIs [s]
ontime6	8453.1170108318	Sum of GTIs [s]
ontime7	8453.281170845	Sum of GTIs [s]
l2events	142373	Number of level 2 events