

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 51810 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 10 2015

See [axaff51810N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2432001228333

Comments

The bias map for CCD_ID = 8 suffered from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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_ID = 8 has been recreated for this processing to remove this anomaly.

seq_num	 	Sequence number
obs_id	51810	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	148.01834900564	Nominal RA [deg]
dec_nom	14.966985176916	Nominal Dec [deg]
roll_nom	251.97978926581	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8243.2001228333	Sum of GTIs [s]
livetime	8138.8197594187	Livetime [s]
ontime4	8243.2001228333	Sum of GTIs [s]
ontime5	8243.2001228333	Sum of GTIs [s]
ontime6	8243.2001228333	Sum of GTIs [s]
ontime7	8243.2001228333	Sum of GTIs [s]
ontime8	8243.2001228333	Sum of GTIs [s]
ontime9	8243.2001228333	Sum of GTIs [s]
l2events	291277	Number of level 2 events