

V&V Summary Report

L2 ASCDS Version : 10.3.3

Observation 52150 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 27 2015

See [axaff52150N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.2416001079082

Comments

A spatial region of the original bias maps for CCD = 2 and 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 maps for CCD = 2 and 3 have 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	52150	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	96.311920543294	Nominal RA [deg]
dec_nom	-23.44253456759	Nominal Dec [deg]
roll_nom	326.29007842357	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7241.6001079082	Sum of GTIs [s]
livetime	7149.9026069738	Livetime [s]
ontime0	7241.6001079082	Sum of GTIs [s]
ontime1	7241.6001079082	Sum of GTIs [s]
ontime2	7241.6001079082	Sum of GTIs [s]
ontime3	7241.6001079082	Sum of GTIs [s]
ontime5	7241.6001079082	Sum of GTIs [s]
ontime7	7241.6001079082	Sum of GTIs [s]
l2events	161829	Number of level 2 events