

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 51208 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Mar 9 2016

See [axaff51208N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9735626634359

## Comments

The bias map for CCD\_ID = 2 suffers 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 = 2 will be recreated to remove this anomaly and the data will be reprocessed.

seq_num	&#160	Sequence number
obs_id	51208	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
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	149.92317955093	Nominal RA [deg]
dec_nom	-52.986361706401	Nominal Dec [deg]
roll_nom	338.94523150356	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5973.5626634359	Sum of GTIs [s]
livetime	5897.9218161439	Livetime [s]
ontime0	5973.521623373	Sum of GTIs [s]
ontime1	5973.4805834293	Sum of GTIs [s]
ontime2	5973.4395433664	Sum of GTIs [s]
ontime3	5973.6037033796	Sum of GTIs [s]
ontime5	5973.3985034227	Sum of GTIs [s]
ontime7	5973.5626634359	Sum of GTIs [s]
l2events	160466	Number of level 2 events