

# V&V Summary Report

## L2 ASCDS Version : 10.3

Observation 52342 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 17 2014

See [axaff52342N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.11.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.113942614913

## Comments

A spatial region of the original bias map for CCD = 0 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 = 0 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by chip coords:

(394,1), (417,1), (417,1024), (394,1024)

seq_num	&#160	Sequence number
obs_id	52342	Observation id
title	ACIS-012367 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	192.9423445932	Nominal RA [deg]
dec_nom	-59.999426688475	Nominal Dec [deg]
roll_nom	146.17411825664	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8113.942614913	Sum of GTIs [s]
livetime	8011.1989878933	Livetime [s]
ontime0	8113.9015749097	Sum of GTIs [s]
ontime1	8113.8605349064	Sum of GTIs [s]
ontime2	8113.8194949031	Sum of GTIs [s]
ontime3	8113.9836549163	Sum of GTIs [s]
ontime6	8113.7784548998	Sum of GTIs [s]
ontime7	8113.942614913	Sum of GTIs [s]
l2events	160577	Number of level 2 events