

# V&V Summary Report

## L2 ASCDS Version : 10.2.4

Observation 52517 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Sep 8 2014

See [axaff52517N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.09.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999692202

## Comments

A spatial region of the original bias map for CCD = 9 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 = 9 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation.

seq_num	&#160	Sequence number
obs_id	52517	Observation id
title	ACIS-456789 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	312.20644169914	Nominal RA [deg]
dec_nom	-2.3281578046953	Nominal Dec [deg]
roll_nom	250.08881234842	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8278.3999692202	Sum of GTIs [s]
livetime	8173.5738841559	Livetime [s]
ontime4	8278.3206458688	Sum of GTIs [s]
ontime5	8278.3999692202	Sum of GTIs [s]
ontime6	8278.3616858721	Sum of GTIs [s]
ontime7	8278.3999692202	Sum of GTIs [s]
ontime8	8275.0385050774	Sum of GTIs [s]
ontime9	8278.3999692202	Sum of GTIs [s]
l2events	200968	Number of level 2 events