

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 52044 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Mar 4 2015

See [axaff52044N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.03.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9904001190662

## Comments

A spatial region of the original bias map for CCD = 2 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 ( $\sim 20$  eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 2 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	52044	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	137.02994486706	Nominal RA [deg]
dec_nom	26.030048829442	Nominal Dec [deg]
roll_nom	235.44515994822	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7990.4001190662	Sum of GTIs [s]
livetime	7889.2208615173	Livetime [s]
ontime0	7990.4001190662	Sum of GTIs [s]
ontime1	7990.4001190662	Sum of GTIs [s]
ontime2	7990.4001190662	Sum of GTIs [s]
ontime3	7990.4001190662	Sum of GTIs [s]
ontime6	7990.4001190662	Sum of GTIs [s]
ontime7	7990.4001190662	Sum of GTIs [s]
l2events	147659	Number of level 2 events