

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 52115 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 3 2015

See [axaff52115N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1018958871365

## Comments

A spatial region of the original bias map for CCD = 4 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 = 4 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	52115	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	125.46991159825	Nominal RA [deg]
dec_nom	-3.7828558990329	Nominal Dec [deg]
roll_nom	132.79175236473	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8101.8958871365	Sum of GTIs [s]
livetime	7999.3048030375	Livetime [s]
ontime4	8101.772767067	Sum of GTIs [s]
ontime5	8101.8548470736	Sum of GTIs [s]
ontime6	8101.8138071299	Sum of GTIs [s]
ontime7	8101.8958871365	Sum of GTIs [s]
ontime8	8101.7317271233	Sum of GTIs [s]
ontime9	8101.9369270802	Sum of GTIs [s]
l2events	174200	Number of level 2 events