

# V&V Summary Report

## L2 ASCDS Version : 10.4.1

Observation 51661 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Sep 4 2015

See axaff51661N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1120000910759

## 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.

seq_num	&#160	Sequence number
obs_id	51661	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	350.11789560163	Nominal RA [deg]
dec_nom	-30.775519245804	Nominal Dec [deg]
roll_nom	25.095882643711	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6112.0000910759	Sum of GTIs [s]
livetime	6034.6062657181	Livetime [s]
ontime0	6112.0000910759	Sum of GTIs [s]
ontime1	6112.0000910759	Sum of GTIs [s]
ontime2	6112.0000910759	Sum of GTIs [s]
ontime3	6112.0000910759	Sum of GTIs [s]
ontime6	6112.0000910759	Sum of GTIs [s]
ontime7	6112.0000910759	Sum of GTIs [s]
l2events	124996	Number of level 2 events