

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 62827 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Apr 19 2013

See [axaff62827N004\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.645465586662

## Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:  
(979,1), (1023,1), (1023,1024), (979,1024)

seq_num	&#160	Sequence number
obs_id	62827	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	321.52538204904	Nominal RA [deg]
dec_nom	-18.515502383377	Nominal Dec [deg]
roll_nom	294.37202547867	Nominal Roll [deg]
revision	4	Processing version of data
ontime	24645.465586662	Sum of GTIs [s]
livetime	24333.389861686	Livetime [s]
ontime0	24645.424546659	Sum of GTIs [s]
ontime1	24645.383506656	Sum of GTIs [s]
ontime2	24645.342466652	Sum of GTIs [s]
ontime3	24645.506626666	Sum of GTIs [s]
ontime6	24645.301426679	Sum of GTIs [s]
ontime7	24645.465586662	Sum of GTIs [s]
l2events	3224824	Number of level 2 events