

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 57427 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 29 2012

See axaff57427N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7923528305292

## Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:  
(784,1), (997,1), (997,492), (784,492)

seq_num	&#160	Sequence number
obs_id	57427	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	106.00931771465	Nominal RA [deg]
dec_nom	12.027221971513	Nominal Dec [deg]
roll_nom	38.565410502419	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2792.3528305292	Sum of GTIs [s]
livetime	2756.994377636	Livetime [s]
ontime0	2792.3117905259	Sum of GTIs [s]
ontime1	2792.2707505226	Sum of GTIs [s]
ontime2	2792.2297105193	Sum of GTIs [s]
ontime3	2792.3938705325	Sum of GTIs [s]
ontime6	2792.188670516	Sum of GTIs [s]
ontime7	2792.3528305292	Sum of GTIs [s]
l2events	191491	Number of level 2 events