

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 55067 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

See axaff55067N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1455739073157

## 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. The pixels affected by the anomaly are bounded by chip coordinates:  
(916,1), (942,1), (942,606), (916,606)

seq_num	&#160	Sequence number
obs_id	55067	Observation id
title	ACIS-012357 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	27.688489084074	Nominal RA [deg]
dec_nom	38.972763139197	Nominal Dec [deg]
roll_nom	219.09407500495	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3145.5739073157	Sum of GTIs [s]
livetime	3105.7427564641	Livetime [s]
ontime0	3145.5328673124	Sum of GTIs [s]
ontime1	3145.4918273091	Sum of GTIs [s]
ontime2	3145.4507873058	Sum of GTIs [s]
ontime3	3145.5999883413	Sum of GTIs [s]
ontime5	3145.4097473025	Sum of GTIs [s]
ontime7	3145.5739073157	Sum of GTIs [s]
l2events	121510	Number of level 2 events