

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 56714 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

See [axaff56714N003\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.7721411833763

## Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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:

(816,1), (836,1), (836,288), (816,308)

seq_num	&#160	Sequence number
obs_id	56714	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	56.621980525487	Nominal RA [deg]
dec_nom	0.029767593262437	Nominal Dec [deg]
roll_nom	55.669639130488	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5772.1411833763	Sum of GTIs [s]
livetime	5699.0508561462	Livetime [s]
ontime0	5772.100143373	Sum of GTIs [s]
ontime1	5772.0591033697	Sum of GTIs [s]
ontime2	5772.0180633664	Sum of GTIs [s]
ontime3	5772.1822233796	Sum of GTIs [s]
ontime5	5771.9770233631	Sum of GTIs [s]
ontime7	5772.1411833763	Sum of GTIs [s]
l2events	337635	Number of level 2 events