

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 58048 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : May 11 2012

See axaff58048N004\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3814656265974

## 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:  
(783,1), (814,1), (814,1024), (783,1024)

seq_num	&#160	Sequence number
obs_id	58048	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	101.00703871438	Nominal RA [deg]
dec_nom	-2.2010749851677	Nominal Dec [deg]
roll_nom	7.748373266931	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3381.4656265974	Sum of GTIs [s]
livetime	3338.6474727593	Livetime [s]
ontime0	3381.4245865941	Sum of GTIs [s]
ontime1	3381.3835465908	Sum of GTIs [s]
ontime2	3381.3425065875	Sum of GTIs [s]
ontime3	3381.5066666007	Sum of GTIs [s]
ontime6	3381.3014665842	Sum of GTIs [s]
ontime7	3381.4656265974	Sum of GTIs [s]
l2events	274027	Number of level 2 events