

# V&V Summary Report

## L2 ASCDS Version : 8.4.3.1

Observation 55435 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Mar 9 2012

See [axaff55435N003\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2791594840288

## 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 coordinates:  
(164,1), (195,1), (195,1024), (164,1024)

seq_num	&#160	Sequence number
obs_id	55435	Observation id
title	ACIS-456789 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	268.99755447377	Nominal RA [deg]
dec_nom	-47.96813575791	Nominal Dec [deg]
roll_nom	59.996960049325	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3279.1594840288	Sum of GTIs [s]
livetime	3237.6367921693	Livetime [s]
ontime4	3279.2826040983	Sum of GTIs [s]
ontime5	3279.2005240321	Sum of GTIs [s]
ontime6	3279.2415640354	Sum of GTIs [s]
ontime7	3279.1594840288	Sum of GTIs [s]
ontime8	3279.9999878407	Sum of GTIs [s]
ontime9	3279.1184440851	Sum of GTIs [s]
l2events	137797	Number of level 2 events