

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 56055 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

See [axaff56055N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1983999695182

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 coords:

(303,1), (337,1), (337,288), (303,288)

seq_num	 	Sequence number
obs_id	56055	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
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	314.4998430243	Nominal RA [deg]
dec_nom	4.4786946791554	Nominal Dec [deg]
roll_nom	236.89766178392	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8198.3999695182	Sum of GTIs [s]
livetime	8094.5868926203	Livetime [s]
ontime0	8198.3999695182	Sum of GTIs [s]
ontime1	8198.3999695182	Sum of GTIs [s]
ontime2	8198.3999695182	Sum of GTIs [s]
ontime3	8198.3999695182	Sum of GTIs [s]
ontime6	8198.3999695182	Sum of GTIs [s]
ontime7	8198.3999695182	Sum of GTIs [s]
l2events	390640	Number of level 2 events