

V&V Summary Report

L2 ASCDS Version : 8.4.3.1

Observation 55747 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 8 2012

See [axaff55747N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2826817287803

Comments

The bias map for CCD_ID = 0 suffered from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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_ID = 0 has been reconstructed using scaled data from a comparable bias map for another observation to replace pixels affected by the anomaly.

seq_num	 	Sequence number
obs_id	55747	Observation id
title	ACIS-012357 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	234.01368418241	Nominal RA [deg]
dec_nom	-22.94659134669	Nominal Dec [deg]
roll_nom	79.478289633667	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3282.6817287803	Sum of GTIs [s]
livetime	3241.1144361368	Livetime [s]
ontime0	3282.640688777	Sum of GTIs [s]
ontime1	3282.5996487737	Sum of GTIs [s]
ontime2	3282.5586087704	Sum of GTIs [s]
ontime3	3282.7227687836	Sum of GTIs [s]
ontime5	3282.5175687671	Sum of GTIs [s]
ontime7	3282.6817287803	Sum of GTIs [s]
l2events	147662	Number of level 2 events