

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 54948 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 5 2012

See [axaff54948N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.01.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2895706750751

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:

(170,1), (194,1), (194,1024), (170,1024)

seq_num	 	Sequence number
obs_id	54948	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	98.026148375331	Nominal RA [deg]
dec_nom	-0.99015110149487	Nominal Dec [deg]
roll_nom	344.83271444006	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3289.5706750751	Sum of GTIs [s]
livetime	3247.9161504456	Livetime [s]
ontime0	3289.5296350718	Sum of GTIs [s]
ontime1	3289.4885950685	Sum of GTIs [s]
ontime2	3289.4475550652	Sum of GTIs [s]
ontime3	3289.5999878049	Sum of GTIs [s]
ontime5	3289.4065150619	Sum of GTIs [s]
ontime7	3289.5706750751	Sum of GTIs [s]
l2events	123026	Number of level 2 events