

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 55757 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See [axaff55757N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2575999879241

Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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:

(141,1), (162,1), (162,164), (141,174)

seq_num	 	Sequence number
obs_id	55757	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	130.00152485781	Nominal RA [deg]
dec_nom	7.128828267313	Nominal Dec [deg]
roll_nom	54.223735428427	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3257.5999879241	Sum of GTIs [s]
livetime	3216.3502953858	Livetime [s]
ontime0	3257.5999879241	Sum of GTIs [s]
ontime1	3257.5999879241	Sum of GTIs [s]
ontime2	3257.5999879241	Sum of GTIs [s]
ontime3	3257.5999879241	Sum of GTIs [s]
ontime5	3257.5999879241	Sum of GTIs [s]
ontime7	3257.5999879241	Sum of GTIs [s]
l2events	157575	Number of level 2 events