

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 55804 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 9 2012

See [axaff55804N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1727999696136

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:

(281,1), (354,1), (354,745), (281,781)

seq_num	 	Sequence number
obs_id	55804	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	209.95103478427	Nominal RA [deg]
dec_nom	-60.983799331112	Nominal Dec [deg]
roll_nom	112.83056384628	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8172.7999696136	Sum of GTIs [s]
livetime	8069.311055329	Livetime [s]
ontime0	8172.7999696136	Sum of GTIs [s]
ontime1	8172.7999696136	Sum of GTIs [s]
ontime2	8172.7999696136	Sum of GTIs [s]
ontime3	8172.7999696136	Sum of GTIs [s]
ontime5	8172.7999696136	Sum of GTIs [s]
ontime7	8172.7999696136	Sum of GTIs [s]
l2events	372351	Number of level 2 events