

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 55685 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See [axaff55685N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3447109131813

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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 coordinates:

(82,1), (100,1), (100,551), (82,533)

seq_num	 	Sequence number
obs_id	55685	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	351.99943395064	Nominal RA [deg]
dec_nom	-56.028657015941	Nominal Dec [deg]
roll_nom	236.16090829879	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3344.7109131813	Sum of GTIs [s]
livetime	3302.3581696555	Livetime [s]
ontime0	3346.4336152077	Sum of GTIs [s]
ontime1	3346.3925752044	Sum of GTIs [s]
ontime2	3346.3515352011	Sum of GTIs [s]
ontime3	3344.710863471	Sum of GTIs [s]
ontime6	3346.3104951978	Sum of GTIs [s]
ontime7	3344.7109131813	Sum of GTIs [s]
l2events	138243	Number of level 2 events