

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 60675 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 26 2013

See [axaff60675N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4671138426363

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(400,438), (449,438), (449,1024), (400,1024)

seq_num	 	Sequence number
obs_id	60675	Observation id
title	ACIS-012367 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	278.97327522664	Nominal RA [deg]
dec_nom	-12.01166028522	Nominal Dec [deg]
roll_nom	171.15095238272	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8467.1138426363	Sum of GTIs [s]
livetime	8359.898148877	Livetime [s]
ontime0	5182.3942674994	Sum of GTIs [s]
ontime1	5245.5059465468	Sum of GTIs [s]
ontime2	4942.5607349575	Sum of GTIs [s]
ontime3	5007.3813449442	Sum of GTIs [s]
ontime6	5464.3595658541	Sum of GTIs [s]
ontime7	8467.1138426363	Sum of GTIs [s]
l2events	1280845	Number of level 2 events