

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 60975 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 25 2013

See [axaff60975N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4639999684691

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(885,1), (910,1), (910,124), (885,136)

seq_num	 	Sequence number
obs_id	60975	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	162.19125684056	Nominal RA [deg]
dec_nom	-3.1727630664983	Nominal Dec [deg]
roll_nom	74.976828976259	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8463.9999684691	Sum of GTIs [s]
livetime	8356.8237044595	Livetime [s]
ontime0	4147.0320918858	Sum of GTIs [s]
ontime1	4128.479322046	Sum of GTIs [s]
ontime2	3943.784122169	Sum of GTIs [s]
ontime3	4060.2951295674	Sum of GTIs [s]
ontime6	4312.3226001263	Sum of GTIs [s]
ontime7	8463.9999684691	Sum of GTIs [s]
l2events	1301980	Number of level 2 events