

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8642 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 11 2012

See axaff08642N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.76990006

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 sky coords:
(251.93161,34.90595), (251.93434,34.91760), (251.76732,34.94411), (251.76461,34.93246)

seq_num	900779	Sequence number
obs_id	8642	Observation id
title	Chandra Observations of the DEEP2 Fields	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	DEEP2 Field 2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	251.72431	Observer's specified target RA [deg]
dec_targ	34.816826	Observer's specified target Dec [deg]
ra_nom	251.73411525289	Nominal RA [deg]
dec_nom	34.817721735999	Nominal Dec [deg]
roll_nom	349.10306084471	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8769.9000674486	Sum of GTIs [s]
livetime	8655.3148667609	Livetime [s]
ontime0	8769.9000674486	Sum of GTIs [s]
ontime1	8766.7590970993	Sum of GTIs [s]
ontime2	8769.9000674486	Sum of GTIs [s]
ontime3	8769.9000674486	Sum of GTIs [s]
ontime6	8766.7591071129	Sum of GTIs [s]
l2events	29451	Number of level 2 events

