

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13004 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

See axaff13004N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9597766875625

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 sky coords:
(75.52598, -18.34387), (75.53046, -18.34573), (75.56801, -18.26370), (75.56548, -18.25760)

seq_num	600968	Sequence number
obs_id	13004	Observation id
title	The brightest ultraluminous X-ray sources across the sky	Proposal
observer	Dr Jifeng Liu	Principal investigator
object	J050145.6-180937	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	75.44	Observer's specified target RA [deg]
dec_targ	-18.160278	Observer's specified target Dec [deg]
ra_nom	75.439214498576	Nominal RA [deg]
dec_nom	-18.155406956807	Nominal Dec [deg]
roll_nom	66.460506871551	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4959.7766905427	Sum of GTIs [s]
livetime	4896.9730116681	Livetime [s]
ontime0	4959.817730546	Sum of GTIs [s]
ontime1	4959.6125305295	Sum of GTIs [s]
ontime2	4959.6535705328	Sum of GTIs [s]
ontime3	4959.6946105361	Sum of GTIs [s]
ontime6	4959.7356505394	Sum of GTIs [s]
ontime7	4959.7766905427	Sum of GTIs [s]
l2events	36248	Number of level 2 events

