

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 4111 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 29 2012

See axaff04111N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.96

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 sky coords:
(229.03526, -20.26059), (229.04154, -20.22518), (228.99390, -20.21774), (229.00627, -20.25606)

seq_num	700790	Sequence number
obs_id	4111	Observation id
title	THE X-RAY PROPERTIES OF ULTRALUMINOUS INFRARED GALAXIES (ULIGS)	Pr
observer	Professor Andrew Wilson	Principal investigator
object	F15130-1958	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	228.98	Observer's specified target RA [deg]
dec_targ	-20.154722	Observer's specified target Dec [deg]
ra_nom	228.97659553044	Nominal RA [deg]
dec_nom	-20.163780974676	Nominal Dec [deg]
roll_nom	260.48655893378	Nominal Roll [deg]
revision	4	Processing version of data
ontime	9957.1999808252	Sum of GTIs [s]
livetime	9827.1018326917	Livetime [s]
ontime2	9954.0589806736	Sum of GTIs [s]
ontime3	9957.1999808252	Sum of GTIs [s]
ontime6	9957.1999808252	Sum of GTIs [s]
ontime7	9957.1999808252	Sum of GTIs [s]
ontime8	9957.1999808252	Sum of GTIs [s]
l2events	43621	Number of level 2 events

