

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13462 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 25 2012

See axaff13462N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.259022628605

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:
(3.25237, -49.00966), (3.24928, -49.01457), (3.28008, -49.02282), (3.29452, -49.02095)

seq_num	801103	Sequence number
obs_id	13462	Observation id
title	Cosmology and Cluster Evolution from the 80 Most Massive Clusters in 2000 deg ² from the South Pole Telescope Survey	Proposal title
observer	Dr Bradford Benson	Principal investigator
object	SPT-CLJ0013-4906	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	3.329583	Observer's specified target RA [deg]
dec_targ	-49.114	Observer's specified target Dec [deg]
ra_nom	3.4043425001387	Nominal RA [deg]
dec_nom	-49.131518363749	Nominal Dec [deg]
roll_nom	337.88644306009	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14259.02262044	Sum of GTIs [s]
livetime	14072.717992564	Livetime [s]
ontime0	14258.89950043	Sum of GTIs [s]
ontime1	14252.658659399	Sum of GTIs [s]
ontime2	14255.84059006	Sum of GTIs [s]
ontime3	14259.02262044	Sum of GTIs [s]
ontime6	14258.858460426	Sum of GTIs [s]
l2events	44300	Number of level 2 events

