

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13501 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 11 2012

See axaff13501N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.276594689071

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:
(335.01322, -45.38714), (335.01540, -45.37828), (334.81993, -45.35402), (334.81772, -45.36288)

seq_num	801142	Sequence number
obs_id	13501	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-CLJ2218-4519	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	334.746	Observer's specified target RA [deg]
dec_targ	-45.3187	Observer's specified target Dec [deg]
ra_nom	334.8227025386	Nominal RA [deg]
dec_nom	-45.326051235804	Nominal Dec [deg]
roll_nom	349.91256694475	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35276.594689071	Sum of GTIs [s]
livetime	34815.680009207	Livetime [s]
ontime0	35276.471579552	Sum of GTIs [s]
ontime1	35276.512629569	Sum of GTIs [s]
ontime2	35276.553668797	Sum of GTIs [s]
ontime3	35276.594689071	Sum of GTIs [s]
ontime6	35279.571579754	Sum of GTIs [s]
l2events	98258	Number of level 2 events

