

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9331 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

See axaff09331N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.63785911

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:
(79.62225, -54.57044), (79.62163, -54.56719), (79.50181, -54.57481), (79.50827, -54.57770)

seq_num	800668	Sequence number
obs_id	9331	Observation id
title	Chandra Observations of SZ-selected Galaxy Clusters Detected by the South Pole Telescope	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SPT-CL 0517-5430	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	79.144	Observer's specified target RA [deg]
dec_targ	-54.506	Observer's specified target Dec [deg]
ra_nom	79.150300138278	Nominal RA [deg]
dec_nom	-54.560289797013	Nominal Dec [deg]
roll_nom	275.87654613049	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9637.7163173556	Sum of GTIs [s]
livetime	9511.7924584858	Livetime [s]
ontime0	9637.5931873918	Sum of GTIs [s]
ontime1	9637.6342074275	Sum of GTIs [s]
ontime2	9640.8162376881	Sum of GTIs [s]
ontime3	9637.7163173556	Sum of GTIs [s]
ontime6	9640.6931176782	Sum of GTIs [s]
l2events	40263	Number of level 2 events

