

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9335 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

See axaff09335N003_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	30.5442182

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:
(359.85805, -57.65910), (359.85879, -57.66468), (0.11877, -57.65421), (0.11800, -57.64864)

seq_num	800672	Sequence number
obs_id	9335	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 0001-5748	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.249	Observer's specified target RA [deg]
dec_targ	-57.8042	Observer's specified target Dec [deg]
ra_nom	0.14700139807389	Nominal RA [deg]
dec_nom	-57.806522568435	Nominal Dec [deg]
roll_nom	184.44213005689	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30542.86020112	Sum of GTIs [s]
livetime	30143.795247266	Livetime [s]
ontime0	30545.878091395	Sum of GTIs [s]
ontime1	30542.778141141	Sum of GTIs [s]
ontime2	30545.96014154	Sum of GTIs [s]
ontime3	30542.86020112	Sum of GTIs [s]
ontime6	30545.837051392	Sum of GTIs [s]
l2events	115427	Number of level 2 events

