

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12181 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

See axaff12181N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.778000152111

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:
(51.15379, -62.64003), (51.17082, -62.64447), (51.22553, -62.60028), (51.20383, -62.59964)

seq_num	800947	Sequence number
obs_id	12181	Observation id
title	Chandra Observations of a Sample of High Redshift SZE Selected Galaxy Clusters	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	SPT-CL 0324-6236	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	51.0525	Observer's specified target RA [deg]
dec_targ	-62.602111	Observer's specified target Dec [deg]
ra_nom	51.11473820635	Nominal RA [deg]
dec_nom	-62.555888801079	Nominal Dec [deg]
roll_nom	60.263919179306	Nominal Roll [deg]
revision	4	Processing version of data
ontime	19778.000152111	Sum of GTIs [s]
livetime	19519.586019772	Livetime [s]
ontime0	19768.577190578	Sum of GTIs [s]
ontime1	19778.000152111	Sum of GTIs [s]
ontime2	19771.718180895	Sum of GTIs [s]
ontime3	19778.000152111	Sum of GTIs [s]
ontime6	19774.859181762	Sum of GTIs [s]
l2events	69896	Number of level 2 events

