

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 17154 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 1 2015

See axaff17154N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.09.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.079239401698

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:
(192.35921, 49.85037), (192.35490, 49.84795), (192.42636, 49.79519),
(192.43066, 49.79760).

seq_num	801442	Sequence number
obs_id	17154	Observation id
title	Chandra Calibration of the Richness-Mass Relation of Galaxy Clusters: Enabling Cluster Cosmology with the DES	Proposal title
observer	Eduardo Rozo	Principal investigator
object	RM J124930.9+494902.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.37875	Observer's specified target RA [deg]
dec_targ	49.817306	Observer's specified target Dec [deg]
ra_nom	192.42097424031	Nominal RA [deg]
dec_nom	49.790919244828	Nominal Dec [deg]
roll_nom	311.11612658129	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14079.239401698	Sum of GTIs [s]
livetime	13895.28377393	Livetime [s]
ontime0	14079.116281748	Sum of GTIs [s]
ontime1	14076.016251445	Sum of GTIs [s]
ontime2	14079.198361754	Sum of GTIs [s]
ontime3	14079.239401698	Sum of GTIs [s]
ontime6	14079.075241685	Sum of GTIs [s]
l2events	37786	Number of level 2 events

