

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 17217 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 25 2015

See axaff17217N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.08.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	52.08620040071

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:
(343.48297, 13.78018), (343.48070, 13.77460), (343.61406, 13.72291),
(343.61633, 13.72849).

seq_num	801497	Sequence number
obs_id	17217	Observation id
title	DISTANT GALAXY CLUSTERS HOSTING EXTREME CENTRAL GALAXIES	Proposal
observer	Dr Michael McDonald	Principal investigator
object	NVSS J225444+134429	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	343.685417	Observer's specified target RA [deg]
dec_targ	13.741472	Observer's specified target Dec [deg]
ra_nom	343.63247189846	Nominal RA [deg]
dec_nom	13.75957871897	Nominal Dec [deg]
roll_nom	158.22126579793	Nominal Roll [deg]
revision	2	Processing version of data
ontime	52086.20040071	Sum of GTIs [s]
livetime	51405.655847172	Livetime [s]
ontime0	52083.059340596	Sum of GTIs [s]
ontime1	52086.20040071	Sum of GTIs [s]
ontime2	52079.918270111	Sum of GTIs [s]
ontime3	52086.20040071	Sum of GTIs [s]
l2events	105086	Number of level 2 events

