

V&V Summary Report

L2 ASCDS Version : 10.5.2

Observation 18277 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 14 2017

See axaff18277N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.02.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.575659275889

Comments

One optional chip was dropped.

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:

(175.63301,15.64566), (175.62494,15.64560), (175.62538,15.56475), (175.63343,15.56890).

seq_num	801596	Sequence number
obs_id	18277	Observation id
title	The Most Massive Galaxy Cluster at $z > 1.2$	Proposal title
observer	Dr. Spencer Stanford	Principal investigator
object	MOOJ1142+1527	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	175.694167	Observer's specified target RA [deg]
dec_targ	15.454167	Observer's specified target Dec [deg]
ra_nom	175.69692119868	Nominal RA [deg]
dec_nom	15.50468209751	Nominal Dec [deg]
roll_nom	90.271155859841	Nominal Roll [deg]
revision	2	Processing version of data
ontime	47575.659275889	Sum of GTIs [s]
livetime	46954.048262759	Livetime [s]
ontime0	47572.518195748	Sum of GTIs [s]
ontime1	47572.51822567	Sum of GTIs [s]
ontime2	47575.659295678	Sum of GTIs [s]
ontime3	47575.659275889	Sum of GTIs [s]
l2events	126886	Number of level 2 events

