

V&V Summary Report

L2 ASCDS Version : 10.5.4

Observation 20086 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 6 2017

See axaff20086N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.06361715591

Comments

One optional chip was dropped.

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: (240.98941,17.71316), (240.99019,17.70997), (241.04577,17.72245), (241.04053,17.72463).

seq_num	801681	Sequence number
obs_id	20086	Observation id
title	Two Clusters with Short Central t_cool but no Signatures of Cooling Gas - Why Hasn't Cooling Commenced?	Proposal title
observer	Michael Hogan	Principal investigator
object	A2151	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	241.149167	Observer's specified target RA [deg]
dec_targ	17.721472	Observer's specified target Dec [deg]
ra_nom	241.14105869842	Nominal RA [deg]
dec_nom	17.714997532881	Nominal Dec [deg]
roll_nom	193.21118985082	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30063.61715591	Sum of GTIs [s]
livetime	29670.813865255	Livetime [s]
ontime0	30063.494055986	Sum of GTIs [s]
ontime1	30069.81725657	Sum of GTIs [s]
ontime2	30060.4350456	Sum of GTIs [s]
ontime3	30063.61715591	Sum of GTIs [s]
ontime6	30063.453026175	Sum of GTIs [s]
l2events	119542	Number of level 2 events

