

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22043 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 10 2019

See axaff22043N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.573755078673

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: (139.68831,51.99859), (139.68362,51.99590), (139.76111,51.94497), (139.76792,51.94628).

seq_num	801822	Sequence number
obs_id	22043	Observation id
title	A direct Chandra - Suzaku comparison of cluster outskirts	Proposal
observer	Andrea Morandi	Principal investigator
object	A773	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	139.649583	Observer's specified target RA [deg]
dec_targ	51.849472	Observer's specified target Dec [deg]
ra_nom	139.63892561809	Nominal RA [deg]
dec_nom	51.851665256158	Nominal Dec [deg]
roll_nom	133.2170710302	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29573.755078673	Sum of GTIs [s]
livetime	29187.352196689	Livetime [s]
ontime0	29570.490888834	Sum of GTIs [s]
ontime1	29576.813969016	Sum of GTIs [s]
ontime2	29573.713978767	Sum of GTIs [s]
ontime3	29573.755078673	Sum of GTIs [s]
l2events	81951	Number of level 2 events

