

# V&V Summary Report

## L2 ASCDS Version : 10.7.1

Observation 22044 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jan 14 2019

See axaff22044N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.060792459607

## Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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: (138.86633,51.70142), (138.87267,51.69783), (138.98559,51.77425), (138.97925,51.77785).

seq_num	801823	Sequence number
obs_id	22044	Observation id
title	A direct Chandra - Suzaku comparison of cluster outskirts	Proposal
observer	Andrea Morandi	Principal investigator
object	A773	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	139.277917	Observer's specified target RA [deg]
dec_targ	51.849472	Observer's specified target Dec [deg]
ra_nom	139.26626542744	Nominal RA [deg]
dec_nom	51.851348746052	Nominal Dec [deg]
roll_nom	137.2178318366	Nominal Roll [deg]
revision	2	Processing version of data
ontime	21060.792459607	Sum of GTIs [s]
livetime	20785.617701393	Livetime [s]
ontime0	21060.669339657	Sum of GTIs [s]
ontime1	21060.710379601	Sum of GTIs [s]
ontime2	21060.751419663	Sum of GTIs [s]
ontime3	21060.792459607	Sum of GTIs [s]
ontime6	21051.205078244	Sum of GTIs [s]
l2events	73984	Number of level 2 events

