

# V&V Summary Report

## L2 ASCDS Version : 10.7.1

Observation 22070 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 2 2019

See axaff22070N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.066000115991

## Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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: (169.90554,22.34226), (169.90878,22.34228), (169.90836,22.37923), (169.90511,22.38002)

seq_num	801795	Sequence number
obs_id	22070	Observation id
title	A Chandra Snapshot of a Potential QSO-Hosting Cluster	Proposal tit
observer	Ralph Kraft	Principal investigator
object	SDSS527	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	169.8775	Observer's specified target RA [deg]
dec_targ	22.446722	Observer's specified target Dec [deg]
ra_nom	169.87348698945	Nominal RA [deg]
dec_nom	22.481380485103	Nominal Dec [deg]
roll_nom	90.610209638873	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15066.000115991	Sum of GTIs [s]
livetime	14869.151733047	Livetime [s]
ontime0	15066.000115991	Sum of GTIs [s]
ontime1	15062.859115839	Sum of GTIs [s]
ontime2	15062.859125853	Sum of GTIs [s]
ontime3	15066.000115991	Sum of GTIs [s]
ontime6	15066.000115991	Sum of GTIs [s]
l2events	56155	Number of level 2 events

