

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 19681 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See [axaff19681N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.051600177407

Comments

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: (218.32514,35.56806), (218.32146,35.56786), (218.33083,35.46015), (218.33451,35.46036).

seq_num	901388	Sequence number
obs_id	19681	Observation id
title	The Chandra Deep Wide-Field Survey: Completing the new generation of Chandra extragalactic surveys	Proposal title
observer	Ryan Hickox	Principal investigator
object	Xbootes (CDWFS)	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.27178	Observer's specified target RA [deg]
dec_targ	35.414651	Observer's specified target Dec [deg]
ra_nom	218.2733192121	Nominal RA [deg]
dec_nom	35.417945039949	Nominal Dec [deg]
roll_nom	94.075986127914	Nominal Roll [deg]
revision	3	Processing version of data
ontime	23051.600177407	Sum of GTIs [s]
livetime	22750.414050748	Livetime [s]
ontime0	23051.600177407	Sum of GTIs [s]
ontime1	23051.600177407	Sum of GTIs [s]
ontime2	23042.176956773	Sum of GTIs [s]
ontime3	23051.600177407	Sum of GTIs [s]
ontime7	23051.600177407	Sum of GTIs [s]
l2events	152259	Number of level 2 events

