

# V&V Summary Report

## L2 ASCDS Version : 10.9.2

Observation 19678 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See [axaff19678N003\\_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	25.946323099256

## 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 ( $\sim 20$  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: (217.36920,35.33426), (217.36896,35.33821), (217.31238,35.33577), (217.31262,35.33182).

seq_num	901385	Sequence number
obs_id	19678	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	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.20466	Observer's specified target RA [deg]
dec_targ	35.387184	Observer's specified target Dec [deg]
ra_nom	217.19960699446	Nominal RA [deg]
dec_nom	35.388422730228	Nominal Dec [deg]
roll_nom	183.09407367633	Nominal Roll [deg]
revision	3	Processing version of data
ontime	25946.32309556	Sum of GTIs [s]
livetime	25607.315282911	Livetime [s]
ontime0	25955.623136878	Sum of GTIs [s]
ontime1	25955.664176941	Sum of GTIs [s]
ontime2	25955.705216885	Sum of GTIs [s]
ontime3	25946.32309556	Sum of GTIs [s]
ontime7	25955.787296891	Sum of GTIs [s]
l2events	175724	Number of level 2 events

