

# V&V Summary Report

## L2 ASCDS Version : 10.9

Observation 23338 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Aug 9 2020

See axaff23338N001\_VV002\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.08.21
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	19.950596774578

## 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. In this case, the bias map for CCD = 3 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	901419	Sequence number
obs_id	23338	Observation id
title	Coordinated Ultra-Deep X-ray Monitoring of the JWST-NEP Time Domain Field	Proposal title
observer	Walter Maksym	Principal investigator
object	JWST-DTDF-10	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	260.609583	Observer's specified target RA [deg]
dec_targ	65.810722	Observer's specified target Dec [deg]
ra_nom	260.60017007224	Nominal RA [deg]
dec_nom	65.807424223191	Nominal Dec [deg]
roll_nom	235.20333984204	Nominal Roll [deg]
revision	1	Processing version of data
ontime	19950.596774578	Sum of GTIs [s]
livetime	19697.970305411	Livetime [s]
ontime0	19950.473644733	Sum of GTIs [s]
ontime1	19937.550822973	Sum of GTIs [s]
ontime2	19953.796705008	Sum of GTIs [s]
ontime3	19950.596774578	Sum of GTIs [s]
ontime6	19953.919824958	Sum of GTIs [s]
ontime7	19953.878785014	Sum of GTIs [s]
l2events	163307	Number of level 2 events

