

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 21072 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 25 2020

See [axaff21072N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.948800207853

Comments

A spatial region of the original bias map for CCD = 2 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. In this case, the bias map for CCD = 2 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	901406	Sequence number
obs_id	21072	Observation id
title	Deep Pilot X-ray Observations of the JWST-NEP Time Domain Field	Pr
observer	Walter Maksym	Principal investigator
object	JWST-DTDF-6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	260.699525	Observer's specified target RA [deg]
dec_targ	65.839328	Observer's specified target Dec [deg]
ra_nom	260.69879136778	Nominal RA [deg]
dec_nom	65.842924662774	Nominal Dec [deg]
roll_nom	121.21843000209	Nominal Roll [deg]
revision	2	Processing version of data
ontime	13948.800207853	Sum of GTIs [s]
livetime	13772.172100662	Livetime [s]
ontime0	13948.800207853	Sum of GTIs [s]
ontime1	13945.559147477	Sum of GTIs [s]
ontime2	13942.318117261	Sum of GTIs [s]
ontime3	13948.800207853	Sum of GTIs [s]
ontime6	13948.800207853	Sum of GTIs [s]
ontime7	13948.800207853	Sum of GTIs [s]
l2events	102237	Number of level 2 events

