

V&V Summary Report

L2 ASCDS Version : 10.9

Observation 21653 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 10 2020

See axaff21653N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.08.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.949991724491

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. The bias map for CCD = 2 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: (260.53841,65.64698), (260.54412,65.64535), (260.64118,65.70291), (260.64019,65.70734).

seq_num	901419	Sequence number
obs_id	21653	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
dtycycle	0	
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	260.60061349445	Nominal RA [deg]
dec_nom	65.80763607221	Nominal Dec [deg]
roll_nom	235.2053999607	Nominal Roll [deg]
revision	2	Processing version of data
ontime	24949.991724491	Sum of GTIs [s]
livetime	24634.059906194	Livetime [s]
ontime0	24949.868584752	Sum of GTIs [s]
ontime1	24949.909654498	Sum of GTIs [s]
ontime2	24953.191665053	Sum of GTIs [s]
ontime3	24949.991724491	Sum of GTIs [s]
ontime6	24950.073804498	Sum of GTIs [s]
ontime7	24953.27374506	Sum of GTIs [s]
l2events	203590	Number of level 2 events

