

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20133 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 27 2020

See axaff20133N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.28
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	25.990400200009

Comments

SAP: please reprocess with the replacement bias for CCD_ID = 2

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The bias map for CCD_ID = 2 suffers from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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_ID = 2 will be recreated to remove this anomaly and the data will be reprocessed.

seq_num	201156	Sequence number
obs_id	20133	Observation id
title	Probing the X-ray Emission from the Massive Star Cluster Westerlund 2	Proposal title
observer	Laura Lopez	Principal investigator
object	Westerlund 2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	155.992083	Observer's specified target RA [deg]
dec_targ	-57.763611	Observer's specified target Dec [deg]
ra_nom	155.98779363804	Nominal RA [deg]
dec_nom	-57.760142656649	Nominal Dec [deg]
roll_nom	154.1849294443	Nominal Roll [deg]
revision	2	Processing version of data
ontime	25990.400200009	Sum of GTIs [s]
livetime	25650.816487542	Livetime [s]
ontime0	25990.400200009	Sum of GTIs [s]
ontime1	25990.400200009	Sum of GTIs [s]
ontime2	25987.259219766	Sum of GTIs [s]
ontime3	25990.400200009	Sum of GTIs [s]
l2events	84731	Number of level 2 events

