

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20645 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 25 2020

See axaff20645N002_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	Repr+DD
V&V Charge Time	23.079440045357

Comments

SAP Team: Please reprocess using replacement bias file for chip 3.

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The bias map for CCD_ID = 3 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 = 3 will be recreated to remove this anomaly and the data will be reprocessed.

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Window constraint was met.

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One optional chip was dropped.

seq_num	890152	Sequence number
obs_id	20645	Observation id
title	AO-19 Calibration Observations of A1795	Proposal title
observer	CXC Calibration	Principal investigator
object	A1795	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.219583	Observer's specified target RA [deg]
dec_targ	26.590833	Observer's specified target Dec [deg]
ra_nom	207.16180150891	Nominal RA [deg]
dec_nom	26.603410189726	Nominal Dec [deg]
roll_nom	168.22783438397	Nominal Roll [deg]
revision	2	Processing version of data
ontime	23079.440045238	Sum of GTIs [s]
livetime	22777.89017021	Livetime [s]
ontime0	23073.034814835	Sum of GTIs [s]
ontime1	23069.934814572	Sum of GTIs [s]
ontime2	23073.116914868	Sum of GTIs [s]
ontime3	23079.440045238	Sum of GTIs [s]
l2events	189871	Number of level 2 events

