

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 19779 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 25 2020

See axaff19779N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.27
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	26.070565037012

Comments

SAP team: Please reprocess using replacement bias file for chip 0.

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The bias map for CCD_ID = 0 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 = 0 will be recreated to remove this anomaly and the data will be reprocessed.

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One optional chip was dropped.

seq_num	901395	Sequence number
obs_id	19779	Observation id
title	An extended moderate-depth contiguous layer of the Chandra Bootes field -- additional pointings	Proposal title
observer	Ralph Kraft	Principal investigator
object	XBootes	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.77102	Observer's specified target RA [deg]
dec_targ	34.6833	Observer's specified target Dec [deg]
ra_nom	216.76660886036	Nominal RA [deg]
dec_nom	34.6824756277	Nominal Dec [deg]
roll_nom	215.20288745936	Nominal Roll [deg]
revision	2	Processing version of data
ontime	26070.565041065	Sum of GTIs [s]
livetime	25729.933915933	Livetime [s]
ontime0	26067.300860882	Sum of GTIs [s]
ontime1	26070.482961059	Sum of GTIs [s]
ontime2	26057.959789753	Sum of GTIs [s]
ontime3	26070.565041065	Sum of GTIs [s]
ontime6	26070.400881052	Sum of GTIs [s]
l2events	89004	Number of level 2 events

