

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 21017 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2020

See axaff21017N003_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.0489000697136

Comments

A spatial region of the original bias map for CCD = 9 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 = 9 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: (356.27669,9.81982), (356.27949,9.81698), (356.35773,9.89158), (356.35423,9.89376).

seq_num	703658	Sequence number
obs_id	21017	Observation id
title	LOW SURFACE BRIGHTNESS GALAXIES AND THE BLACK HOLE OCCUPATION FRACTION	Proposal title
observer	Elena Gallo	Principal investigator
object	LSBC F750-04	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	356.084167	Observer's specified target RA [deg]
dec_targ	10.118056	Observer's specified target Dec [deg]
ra_nom	356.08567244714	Nominal RA [deg]
dec_nom	10.118270636398	Nominal Dec [deg]
roll_nom	134.06902447597	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9048.9000697136	Sum of GTIs [s]
livetime	8930.6695285995	Livetime [s]
ontime5	9048.9000697136	Sum of GTIs [s]
ontime6	9048.9000697136	Sum of GTIs [s]
ontime7	9048.9000697136	Sum of GTIs [s]
ontime8	9048.9000697136	Sum of GTIs [s]
ontime9	9048.9000697136	Sum of GTIs [s]
l2events	106795	Number of level 2 events

