

V&V Summary Report

L2 ASCDS Version : 10.8.1

Observation 21519 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 19 2019

See axaff21519N001_VV002_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.10.30
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	10.079764731407

Comments

Joint proposal with HST.

A spatial region of the original bias map for CCD = 3 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. In this case, the bias map for CCD = 3 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	703812	Sequence number
obs_id	21519	Observation id
title	Black Holes in Green Peas?	Proposal title
observer	Sangeeta Malhotra	Principal investigator
object	J104645.75+302330.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.690833	Observer's specified target RA [deg]
dec_targ	30.391917	Observer's specified target Dec [deg]
ra_nom	161.69224874537	Nominal RA [deg]
dec_nom	30.399032870548	Nominal Dec [deg]
roll_nom	51.716966251834	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10079.764731407	Sum of GTIs [s]
livetime	9948.0651845765	Livetime [s]
ontime0	10079.641611457	Sum of GTIs [s]
ontime1	10076.541681051	Sum of GTIs [s]
ontime2	10079.723691463	Sum of GTIs [s]
ontime3	10079.764731407	Sum of GTIs [s]
l2events	29273	Number of level 2 events

