

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22234 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 27 2019

See axaff22234N001_VV002_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.06.06
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	5.0778000391722

Comments

Joint proposal with HST.

A spatial region of the original bias map for CCD = 1 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 = 1 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	703813	Sequence number
obs_id	22234	Observation id
title	Black Holes in Green Peas?	Proposal title
observer	Sangeeta Malhotra	Principal investigator
object	J132916.55+170020.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.319167	Observer's specified target RA [deg]
dec_targ	17.005833	Observer's specified target Dec [deg]
ra_nom	202.31748801386	Nominal RA [deg]
dec_nom	16.998558343089	Nominal Dec [deg]
roll_nom	228.4091713206	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5077.8000391722	Sum of GTIs [s]
livetime	5011.4548434384	Livetime [s]
ontime0	5077.8000391722	Sum of GTIs [s]
ontime1	5077.8000391722	Sum of GTIs [s]
ontime2	5077.8000391722	Sum of GTIs [s]
ontime3	5077.8000391722	Sum of GTIs [s]
l2events	14062	Number of level 2 events

