

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5953 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 9 2020

See [axaff05953N004_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Francesca Civano
V&V Date (YYYY-MM-DD)	2020.10.13
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	45.9606

Comments

Window constraint met.

The bias map for CCD_ID = 1 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 = 1 will be recreated to remove this anomaly and the data will be reprocessed.

seq_num	600472	Sequence number
obs_id	5953	Observation id
title	Simultaneous Gamma-Ray to Sub-Millimeter Monitoring of Sagittarius A*	Proposal title
observer	Frederick Baganoff	Principal investigator
object	Sgr A*	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.416667	Observer's specified target RA [deg]
dec_targ	-29.007778	Observer's specified target Dec [deg]
ra_nom	266.41151660194	Nominal RA [deg]
dec_nom	-29.010354800799	Nominal Dec [deg]
roll_nom	275.28013199957	Nominal Roll [deg]
revision	4	Processing version of data
ontime	45960.5999116	Sum of GTIs [s]
liveltime	45360.090838054	Livetime [s]
ontime0	45938.612940043	Sum of GTIs [s]
ontime1	45960.5999116	Sum of GTIs [s]
ontime2	45960.5999116	Sum of GTIs [s]
ontime3	45960.5999116	Sum of GTIs [s]
ontime6	45960.5999116	Sum of GTIs [s]
l2events	441544	Number of level 2 events

