

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 4705 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 1 2020

See axaff04705N004_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.907

Comments

Joint proposal with NOAO.

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. The bias map for CCD = 3 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: (15.27579,-33.81188), (15.28230,-33.81119), (15.26048,-33.67291), (15.25399,-33.67360).

seq_num	600360	Sequence number
obs_id	4705	Observation id
title	Using the Sculptor Dwarf Spheroidal Galaxy to Constrain X-ray Binary Production in Population II	Proposal title
observer	Thomas Maccarone	Principal investigator
object	SCULPTOR DWARF SPHEROIDAL	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	15.039167	Observer's specified target RA [deg]
dec_targ	-33.708889	Observer's specified target Dec [deg]
ra_nom	15.043198326761	Nominal RA [deg]
dec_nom	-33.700557409963	Nominal Dec [deg]
roll_nom	97.337412818583	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5907.199977994	Sum of GTIs [s]
livetime	5832.3994549838	Livetime [s]
ontime2	5907.199977994	Sum of GTIs [s]
ontime3	5907.199977994	Sum of GTIs [s]
ontime5	5907.199977994	Sum of GTIs [s]
ontime6	5907.199977994	Sum of GTIs [s]
ontime7	5907.199977994	Sum of GTIs [s]
ontime8	5903.95910725	Sum of GTIs [s]
l2events	93350	Number of level 2 events

