

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22205 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 9 2019

See axaff22205N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.067258671761

Comments

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: (186.53316,-0.05315), (186.52988,-0.05148), (186.51062,-0.08956), (186.51329,-0.09245).

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The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this slot from the solution.

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Joint proposal with NRAO and NOAO.

seq_num	703710	Sequence number
obs_id	22205	Observation id
title	Changing-Look Quasars: Radical Changes in Accretion Rate?	Proposal
observer	Paul Green	Principal investigator
object	SDSS J1226-0011	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.66112	Observer's specified target RA [deg]
dec_targ	-0.18725	Observer's specified target Dec [deg]
ra_nom	186.66343338822	Nominal RA [deg]
dec_nom	-0.19013824825738	Nominal Dec [deg]
roll_nom	243.15661054991	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12067.258671761	Sum of GTIs [s]
livetime	11909.591053427	Livetime [s]
ontime2	12063.994471431	Sum of GTIs [s]
ontime3	12067.176591754	Sum of GTIs [s]
ontime6	12067.217631817	Sum of GTIs [s]
ontime7	12067.258671761	Sum of GTIs [s]
l2events	66737	Number of level 2 events

