

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19516 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 15 2017

See [axaff19516N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0587000544071

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: (21.90022,-8.68920), (21.90387,-8.68845), (21.89460,-8.64510), (21.89095 , -8.64585).

seq_num	703364	Sequence number
obs_id	19516	Observation id
title	Understanding AGN Accretion State Transitions via a Sample of Confirmed Changing-Look Quasars	Proposal title
observer	John Ruan	Principal investigator
object	SDSS J012648.08-083948.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	21.700417	Observer's specified target RA [deg]
dec_targ	-8.663361	Observer's specified target Dec [deg]
ra_nom	21.69569778366	Nominal RA [deg]
dec_nom	-8.6609452208236	Nominal Dec [deg]
roll_nom	101.88854573625	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7058.7000544071	Sum of GTIs [s]
livetime	6966.4729416569	Livetime [s]
ontime2	7058.7000544071	Sum of GTIs [s]
ontime3	7058.7000544071	Sum of GTIs [s]
ontime6	7058.7000544071	Sum of GTIs [s]
ontime7	7058.7000544071	Sum of GTIs [s]
ontime8	7058.7000544071	Sum of GTIs [s]
l2events	47079	Number of level 2 events

