

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20790 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 28 2020

See [axaff20790N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.058633077025

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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: (186.53352,19.13954), (186.52866,19.14272), (186.44445,19.02819), (186.44931,19.02501).

seq_num	801802	Sequence number
obs_id	20790	Observation id
title	A Unique Sample of Extreme-BCG Clusters at $0.2 < z < 0.5$	Proposal
observer	Gordon Garmire	Principal investigator
object	SDSS123	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.445833	Observer's specified target RA [deg]
dec_targ	18.977917	Observer's specified target Dec [deg]
ra_nom	186.46720175697	Nominal RA [deg]
dec_nom	19.004337688951	Nominal Dec [deg]
roll_nom	55.188876622117	Nominal Roll [deg]
revision	3	Processing version of data
ontime	24058.633083701	Sum of GTIs [s]
liveltime	23744.289330755	Livetime [s]
ontime0	24058.509933591	Sum of GTIs [s]
ontime1	24061.692003965	Sum of GTIs [s]
ontime2	24055.45094347	Sum of GTIs [s]
ontime3	24058.633083701	Sum of GTIs [s]
ontime6	24061.609923959	Sum of GTIs [s]
l2events	85006	Number of level 2 events

