

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20780 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See [axaff20780N002_VV002.vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.29
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	16.956800252676

Comments

A spatial region of the original bias map for CCD = 0 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. In this case, the bias map for CCD = 0 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	801793	Sequence number
obs_id	20780	Observation id
title	A first characterization of galaxy clusters hosting diffuse low-frequency radio emission	Proposal title
observer	Ralph Kraft	Principal investigator
object	SDSS-C4-DR3 3088	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	146.7625	Observer's specified target RA [deg]
dec_targ	54.504444	Observer's specified target Dec [deg]
ra_nom	146.76126711564	Nominal RA [deg]
dec_nom	54.500234049801	Nominal Dec [deg]
roll_nom	283.24406022885	Nominal Roll [deg]
revision	2	Processing version of data
ontime	16956.800252676	Sum of GTIs [s]
livetime	16742.083037717	Livetime [s]
ontime0	16956.800252676	Sum of GTIs [s]
ontime1	16956.800252676	Sum of GTIs [s]
ontime2	16956.800252676	Sum of GTIs [s]
ontime3	16956.800252676	Sum of GTIs [s]
ontime6	16956.800252676	Sum of GTIs [s]
ontime7	16956.800252676	Sum of GTIs [s]
l2events	131928	Number of level 2 events

