

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20947 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 24 2020

See axaff20947N002_VV002_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.27
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	45.064700346708

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. In this case, the bias map for CCD = 3 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.

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Two optional chips were dropped.

seq_num	601264	Sequence number
obs_id	20947	Observation id
title	Non-thermal X-ray emission from a 'Fermi bubble' in an external galaxy	Proposal title
observer	Jiang-Tao Li	Principal investigator
object	NGC3079	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	150.495	Observer's specified target RA [deg]
dec_targ	55.680806	Observer's specified target Dec [deg]
ra_nom	150.49749692592	Nominal RA [deg]
dec_nom	55.681578146845	Nominal Dec [deg]
roll_nom	154.15888117361	Nominal Roll [deg]
revision	2	Processing version of data
ontime	45064.700346708	Sum of GTIs [s]
livetime	44475.896860529	Livetime [s]
ontime2	45064.700346708	Sum of GTIs [s]
ontime3	45064.700346708	Sum of GTIs [s]
ontime6	45061.559256196	Sum of GTIs [s]
ontime7	45064.700346708	Sum of GTIs [s]
l2events	271142	Number of level 2 events

