

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 19357 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 25 2020

See [axaff19357N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.4642521121502

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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	601314	Sequence number
obs_id	19357	Observation id
title	A Statistically Complete High Resolution Chandra and Radio (eMERLIN) Survey of the Palomar Nearby Galaxies Sample	Proposal title
observer	Ian McHardy	Principal investigator
object	NGC 3738	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	173.94625	Observer's specified target RA [deg]
dec_targ	54.525556	Observer's specified target Dec [deg]
ra_nom	173.94702392348	Nominal RA [deg]
dec_nom	54.527061443331	Nominal Dec [deg]
roll_nom	206.5987361713	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9464.2521072626	Sum of GTIs [s]
livetime	9340.5946860002	Livetime [s]
ontime2	9464.1289873123	Sum of GTIs [s]
ontime3	9464.170027256	Sum of GTIs [s]
ontime6	9464.2110673189	Sum of GTIs [s]
ontime7	9464.2521072626	Sum of GTIs [s]
l2events	56781	Number of level 2 events

