

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 19338 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Dec 11 2017

See [axaff19338N001\\_VV002\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.12.11
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	10.067833922029

## Comments

A spatial region of the original bias maps for CCD = 3 and 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 ( $\sim 20$  eV), it depends on many parameters that have not yet been fully explored for this anomaly. In this case, the bias maps for CCD = 3 and 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 maps used in this processing are the original bias maps telemetered with the observation.

seq_num	601295	Sequence number
obs_id	19338	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 2950	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	145.64625	Observer's specified target RA [deg]
dec_targ	58.851222	Observer's specified target Dec [deg]
ra_nom	145.63604674187	Nominal RA [deg]
dec_nom	58.854501714932	Nominal Dec [deg]
roll_nom	101.16538230247	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10067.833922029	Sum of GTIs [s]
livetime	9936.2902600057	Livetime [s]
ontime2	10067.710802078	Sum of GTIs [s]
ontime3	10064.61078167	Sum of GTIs [s]
ontime6	10064.651821852	Sum of GTIs [s]
ontime7	10067.833922029	Sum of GTIs [s]
l2events	59825	Number of level 2 events

