

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 19364 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Aug 29 2017

See axaff19364N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.071900077581

## 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: (111.61129,57.90381), (111.60652,57.90565), (111.52990,57.85000), (111.53375,57.84749).

seq_num	601321	Sequence number
obs_id	19364	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	UGC 3828	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	111.149167	Observer's specified target RA [deg]
dec_targ	57.9675	Observer's specified target Dec [deg]
ra_nom	111.14695956778	Nominal RA [deg]
dec_nom	57.973341550173	Nominal Dec [deg]
roll_nom	54.158474923111	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10071.900077581	Sum of GTIs [s]
livetime	9940.3032882428	Livetime [s]
ontime2	10071.900077581	Sum of GTIs [s]
ontime3	10071.900077581	Sum of GTIs [s]
ontime6	10071.900077581	Sum of GTIs [s]
ontime7	10071.900077581	Sum of GTIs [s]
l2events	57342	Number of level 2 events

