

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 19334 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Nov 15 2017

See axaff19334N001\_VV002\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.11.16
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	10.081200077653

## 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	601291	Sequence number
obs_id	19334	Observation id
title	MISSING BARYONS AND THE WARM-HOT CIRCUMGALACTIC MEDIUM OF AN EDGE-ON SPIRAL GALAXY	Proposal title
observer	Anjali Gupta	Principal investigator
object	NGC3221	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	155.53	Observer's specified target RA [deg]
dec_targ	21.554583	Observer's specified target Dec [deg]
ra_nom	155.52699869798	Nominal RA [deg]
dec_nom	21.563733039974	Nominal Dec [deg]
roll_nom	80.209814881747	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10081.200077653	Sum of GTIs [s]
livetime	9949.4817769669	Livetime [s]
ontime0	10081.200077653	Sum of GTIs [s]
ontime1	10081.200077653	Sum of GTIs [s]
ontime2	10081.200077653	Sum of GTIs [s]
ontime3	10081.200077653	Sum of GTIs [s]
l2events	25653	Number of level 2 events

