

V&V Summary Report

L2 ASCDS Version : 10.5.2

Observation 19336 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 10 2017

See [axaff19336N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.07685631299

Comments

The target name for this observation has been modified by adding the name of the target galaxy from "Off-field 2" to "NGC 3221 Off-field 2" in order to allow target-based searches in the archive.

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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	601293	Sequence number
obs_id	19336	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	NGC 3221 Off-field 2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	156.394583	Observer's specified target RA [deg]
dec_targ	20.502833	Observer's specified target Dec [deg]
ra_nom	156.39365760816	Nominal RA [deg]
dec_nom	20.49407352704	Nominal Dec [deg]
roll_nom	237.89024015028	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10076.85631299	Sum of GTIs [s]
livetime	9945.1947667873	Livetime [s]
ontime0	10076.73319304	Sum of GTIs [s]
ontime1	10073.633192658	Sum of GTIs [s]
ontime2	10076.815273046	Sum of GTIs [s]
ontime3	10076.85631299	Sum of GTIs [s]
l2events	27699	Number of level 2 events

