

V&V Summary Report

L2 ASCDS Version : 10.5.4

Observation 19335 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 28 2017

See axaff19335N003_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.078100077629

Comments

The target name for this observation has been modified by adding the name of the target galaxy (from "Off-field 1" to "NGC 3221 Off-field 1") in order to allow target-based searches in the archive.

A spatial region of the original bias map for CCD = 1 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 = 1 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: (154.61902,22.44939), (154.61563,22.45243), (154.60832,22.44549), (154.61253,22.44323).

seq_num	601292	Sequence number
obs_id	19335	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 1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.562083	Observer's specified target RA [deg]
dec_targ	22.316333	Observer's specified target Dec [deg]
ra_nom	154.55918228067	Nominal RA [deg]
dec_nom	22.307899435886	Nominal Dec [deg]
roll_nom	225.78730391745	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10078.100077629	Sum of GTIs [s]
livetime	9946.4222807255	Livetime [s]
ontime0	10078.100077629	Sum of GTIs [s]
ontime1	10078.100077629	Sum of GTIs [s]
ontime2	10078.100077629	Sum of GTIs [s]
ontime3	10078.100077629	Sum of GTIs [s]
l2events	26283	Number of level 2 events

