

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 6910 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 11 2020

See [axaff06910N005_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.17479

Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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: (17.00883,13.40832), (17.00168,13.40692), (17.00669,13.38301), (17.01311,13.38788).

seq_num	701325	Sequence number
obs_id	6910	Observation id
title	A Chandra Study of Optical Hot-Spots in Two Nearby FR II Radio Galaxies	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	3C 33	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	17.213333	Observer's specified target RA [deg]
dec_targ	13.310119	Observer's specified target Dec [deg]
ra_nom	17.208411890413	Nominal RA [deg]
dec_nom	13.309833857372	Nominal Dec [deg]
roll_nom	281.46136451895	Nominal Roll [deg]
revision	5	Processing version of data
ontime	20174.799961179	Sum of GTIs [s]
livetime	19911.201347215	Livetime [s]
ontime2	20171.658970922	Sum of GTIs [s]
ontime3	20174.799961179	Sum of GTIs [s]
ontime6	20174.799961179	Sum of GTIs [s]
ontime7	20174.799961179	Sum of GTIs [s]
ontime8	20171.658980936	Sum of GTIs [s]
l2events	160293	Number of level 2 events

