

V&V Summary Report

L2 ASCDS Version : 10.3.3

Observation 17108 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 17 2015

See axaff17108N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.04.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	70.07279930377

Comments

A spatial region of the original bias map for CCD = 9 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 = 9 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:
(183.92586, 14.23641), (183.92825, 14.23810), (183.91190, 14.25982),
(183.90951, 14.25813).

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CCD 4 was not used.

seq_num	703109	Sequence number
obs_id	17108	Observation id
title	An X-ray, UV, and radio probe of the PG 1211+143 inflow-outflow dynamics	Proposal title
observer	Prof. Julia Lee	Principal investigator
object	PG 1211+143	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	183.573333	Observer's specified target RA [deg]
dec_targ	14.053472	Observer's specified target Dec [deg]
ra_nom	183.57189457279	Nominal RA [deg]
dec_nom	14.048207715777	Nominal Dec [deg]
roll_nom	216.1569740273	Nominal Roll [deg]
revision	2	Processing version of data
ontime	70072.79930377	Sum of GTIs [s]
livetime	68894.699934884	Livetime [s]
ontime5	70072.79930377	Sum of GTIs [s]
ontime6	70070.35823369	Sum of GTIs [s]
ontime7	70072.79930377	Sum of GTIs [s]
ontime8	70072.79930377	Sum of GTIs [s]
ontime9	70072.79930377	Sum of GTIs [s]
l2events	413302	Number of level 2 events

