

V&V Summary Report

L2 ASCDS Version : 10.3.3

Observation 17496 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 29 2015

See [axaff17496N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.01.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.966395583749

Comments

Joint proposal with NRAO.

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:
(130.36347,-17.45811), (130.36407,-17.46243), (130.50895,-17.44376),
(130.50835,-17.43944).

seq_num	801476	Sequence number
obs_id	17496	Observation id
title	Abell 3411: Confronting the Relic Shock Acceleration Mystery	Propo
observer	Dr Reinout van Weeren	Principal investigator
object	Abell 3411	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	130.49375	Observer's specified target RA [deg]
dec_targ	-17.503472	Observer's specified target Dec [deg]
ra_nom	130.51518353612	Nominal RA [deg]
dec_nom	-17.48400515039	Nominal Dec [deg]
roll_nom	7.715128637126	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31966.395583749	Sum of GTIs [s]
livetime	31561.617835015	Livetime [s]
ontime0	31969.595624089	Sum of GTIs [s]
ontime1	31966.395583749	Sum of GTIs [s]
ontime2	31969.677704096	Sum of GTIs [s]
ontime3	31969.71874404	Sum of GTIs [s]
ontime6	31966.559813738	Sum of GTIs [s]
ontime7	31969.759784102	Sum of GTIs [s]
l2events	197347	Number of level 2 events

