

V&V Summary Report

L2 ASCDS Version : 10.5

Observation 17716 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 17 2016

See axaff17716N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.077806473494

Comments

Two optional chips were dropped.

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: (281.99566,-2.03961), (281.99686,-2.03795), (281.97152,-2.01969), (281.96888,-2.02031).

seq_num	201028	Sequence number
obs_id	17716	Observation id
title	Into the Maelstrom of W43	Proposal title
observer	Leisa Townsley	Principal investigator
object	W43-Main	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.902917	Observer's specified target RA [deg]
dec_targ	-1.942639	Observer's specified target Dec [deg]
ra_nom	281.89586891321	Nominal RA [deg]
dec_nom	-1.9406945795569	Nominal Dec [deg]
roll_nom	144.20845482811	Nominal Roll [deg]
revision	2	Processing version of data
ontime	44077.806473494	Sum of GTIs [s]
livetime	43501.897482308	Livetime [s]
ontime0	44074.542293429	Sum of GTIs [s]
ontime1	44074.583323121	Sum of GTIs [s]
ontime2	44074.624442816	Sum of GTIs [s]
ontime3	44077.806473494	Sum of GTIs [s]
l2events	103933	Number of level 2 events

