

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22116 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2019

See [axaff22116N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2019.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.058498854995

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(283.39575, -0.97169), (283.39378, -0.98020), (283.52980, -1.01178), (283.53177, -1.00327)

seq_num	703866	Sequence number
obs_id	22116	Observation id
title	C-BASS: A Chandra Legacy Survey of AGN at the Highest Spatial Resolutions	Proposal title
observer	Michael Koss	Principal investigator
object	2XMM J185348.4-010229	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	283.452026	Observer's specified target RA [deg]
dec_targ	-1.041588	Observer's specified target Dec [deg]
ra_nom	283.44901051486	Nominal RA [deg]
dec_nom	-1.0387372081281	Nominal Dec [deg]
roll_nom	76.871097212259	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10058.498854995	Sum of GTIs [s]
livetime	9927.0771624951	Livetime [s]
ontime5	10058.457815051	Sum of GTIs [s]
ontime6	10052.134664893	Sum of GTIs [s]
ontime7	10058.498854995	Sum of GTIs [s]
ontime8	10058.375735044	Sum of GTIs [s]
l2events	120755	Number of level 2 events

