

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19760 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 16 2017

See [axaff19760N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.11.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.76346664691

Comments

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:

(358.57195, -51.96378), (358.56655, -51.96681), (358.71905, -52.06999),
(358.72445, -52.06695)

seq_num	801697	Sequence number
obs_id	19760	Observation id
title	A Chandra Survey of high-redshift ($0.7 < z < 0.8$) clusters selected in the 100 deg ² SPT-Pol Deep Field	Proposal title
observer	Gordon Garmire	Principal investigator
object	SPT-CLJ2355-5156	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	358.85	Observer's specified target RA [deg]
dec_targ	-51.948	Observer's specified target Dec [deg]
ra_nom	358.89383677537	Nominal RA [deg]
dec_nom	-51.97197329425	Nominal Dec [deg]
roll_nom	312.47742580423	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15763.46664691	Sum of GTIs [s]
livetime	15557.505350273	Livetime [s]
ontime0	15763.343526959	Sum of GTIs [s]
ontime1	15763.384566903	Sum of GTIs [s]
ontime2	15763.425606966	Sum of GTIs [s]
ontime3	15763.46664691	Sum of GTIs [s]
ontime6	15763.302486897	Sum of GTIs [s]
l2events	50522	Number of level 2 events

