

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20857 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 30 2017

See [axaff20857N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Francesca Civano
V&V Date (YYYY-MM-DD)	2017.12.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.248000346422

Comments

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:
(267.69523,22.95511), (267.69194,22.95042), (267.80758,22.88191),
(267.80802,22.88829)

seq_num	801674	Sequence number
obs_id	20857	Observation id
title	The Unusually High Concentration of the Fossil Group NGC 6482	Prop
observer	David Buote	Principal investigator
object	NGC 6482	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.953333	Observer's specified target RA [deg]
dec_targ	23.071944	Observer's specified target Dec [deg]
ra_nom	267.96127999498	Nominal RA [deg]
dec_nom	23.07330730149	Nominal Dec [deg]
roll_nom	327.15353132015	Nominal Roll [deg]
revision	2	Processing version of data
ontime	23248.000346422	Sum of GTIs [s]
livetime	22953.620167771	Livetime [s]
ontime0	23248.000346422	Sum of GTIs [s]
ontime1	23244.759365916	Sum of GTIs [s]
ontime2	23244.759345889	Sum of GTIs [s]
ontime3	23244.759385824	Sum of GTIs [s]
ontime6	23248.000346422	Sum of GTIs [s]
ontime7	23248.000346422	Sum of GTIs [s]
l2events	172995	Number of level 2 events

