V&V Summary Report L2 ASCDS Version : 8.4.3

Observation 13248 - L2 Version 3 Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff13248N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	55.048843593895

Comments

A spatial region of the original bias map for CCD = 8 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 = 8 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: (204.09321,-29.91312),(204.08721,-29.91613),(204.14436,-30.00148),(204.1 5036,-29.99847)

seq_num	600960	Sequence number
obs_id	13248	Observation id
title	REMNANTS, BINARIES, AND DIFFUSE EMISSION IN THE NEARBY GRAND DESIGN SPIRAL M83	Proposal title
observer	Dr. Knox Long	Principal investigator
object	M83	Source name
dtycycle	0	
cycle	Р	events from which exps? Prim/Second/Both
ra_targ	204.253333	Observer's specified target RA [deg]
dec_targ	-29.866278	Observer's specified target Dec [deg]
ra_nom	204.28925407586	Nominal RA [deg]
dec_nom	-29.845328016565	Nominal Dec [deg]
roll_nom	30.174511405436	Nominal Roll [deg]
revision	3	Processing version of data
ontime	55048.843595207	Sum of GTIs [s]
livetime	54329.589927266	Livetime [s]
ontime5	55048.802555203	Sum of GTIs [s]
ontime6	55042.479504645	Sum of GTIs [s]
ontime7	55048.843595207	Sum of GTIs [s]
ontime8	55042.438444555	Sum of GTIs [s]
12events	515292	Number of level 2 events

