

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 547 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

See [axaff00547N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.11.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.163

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:
(255.53375,64.01349), (255.54443,64.01953), (255.29163,64.10453), (255.28098,64.09848)

seq_num	800055	Sequence number
obs_id	547	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	V1701+6414	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.345833	Observer's specified target RA [deg]
dec_targ	64.236	Observer's specified target Dec [deg]
ra_nom	255.44222918037	Nominal RA [deg]
dec_nom	64.201179450292	Nominal Dec [deg]
roll_nom	322.43146443121	Nominal Roll [deg]
revision	4	Processing version of data
ontime	50163.118096322	Sum of GTIs [s]
livetime	49527.922490383	Livetime [s]
ontime0	50169.600046709	Sum of GTIs [s]
ontime1	50166.359096467	Sum of GTIs [s]
ontime2	50163.118136242	Sum of GTIs [s]
ontime3	50163.118096322	Sum of GTIs [s]
ontime6	50166.359086454	Sum of GTIs [s]
l2events	279036	Number of level 2 events

