

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 4881 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Feb 11 2013

See axaff04881N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.958

## 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 ( $\sim 20$  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:  
(10.81055, -9.78193), (10.81484, -9.78207), (10.81615, -9.74514), (10.81186, -9.74500)

seq_num	700963	Sequence number
obs_id	4881	Observation id
title	AGN in low-redshift Clusters of Galaxies	Proposal title
observer	Prof. Paul Martini	Principal investigator
object	Abell85-P1	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.71125	Observer's specified target RA [deg]
dec_targ	-9.645833	Observer's specified target Dec [deg]
ra_nom	10.713249241318	Nominal RA [deg]
dec_nom	-9.6415980842672	Nominal Dec [deg]
roll_nom	87.970089469728	Nominal Roll [deg]
revision	5	Processing version of data
ontime	9956.8584930301	Sum of GTIs [s]
livetime	9830.7787554909	Livetime [s]
ontime0	9956.98161304	Sum of GTIs [s]
ontime1	9956.7764130533	Sum of GTIs [s]
ontime2	9956.8174530268	Sum of GTIs [s]
ontime3	9956.8584930301	Sum of GTIs [s]
ontime5	9956.8995330334	Sum of GTIs [s]
ontime7	9956.9405730367	Sum of GTIs [s]
l2events	144550	Number of level 2 events

