

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 5195 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

See axaff05195N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.832

## Comments

Two CCD bias maps were incomplete because of data gaps in telemetry. Bias maps for chips 6 and 8 were reconstructed using scaled data from a comparable bias map for another observation to fill the missing data. The bias correction region includes the HEG minus arm. The pixels affected by the anomaly are bounded by sky coords:

CCD 6:

(310.26832,74.99537) , (310.51869,75.11917) , (310.50503,75.12100) , (310.25475,74.99719)

(310.34782,74.98467) , (310.59865,75.10838) , (310.53798,75.11657) , (310.28751,74.99279)

(310.48318,74.96636) , (310.73480,75.08992) , (310.69305,75.09560) , (310.44167,74.97199)

(310.58285,74.95280) , (310.83506,75.07625) , (310.80556,75.08028) , (310.55353,74.95679)

CCD 8:

(310.64121,75.26667) , (310.89934,75.39003) , (310.87594,75.39317) , (310.61795,75.26978)

(310.88280,75.23408) , (311.14235,75.35718) , (311.10478,75.36228) , (310.84544,75.23914)

seq_num	700679	Sequence number
obs_id	5195	Observation id
title	SEARCHING FOR HIGHLY IONIZED WARM ABSORBERS IN HIGH LUMINOSITY AGN: 4C 74.26	Proposal title
observer	Dr. Shai Kaspi	Principal investigator
object	4C 74.26	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	310.655	Observer's specified target RA [deg]
dec_targ	75.134028	Observer's specified target Dec [deg]
ra_nom	310.65194978433	Nominal RA [deg]
dec_nom	75.136098154754	Nominal Dec [deg]
roll_nom	242.15958090128	Nominal Roll [deg]
revision	5	Processing version of data
ontime	31873.562054545	Sum of GTIs [s]
livetime	31469.959819855	Livetime [s]
ontime4	31873.603054643	Sum of GTIs [s]
ontime5	31876.76194489	Sum of GTIs [s]
ontime6	31873.479944617	Sum of GTIs [s]
ontime7	31873.562054545	Sum of GTIs [s]
ontime8	31873.438904613	Sum of GTIs [s]
ontime9	31870.156894356	Sum of GTIs [s]
l2events	342864	Number of level 2 events

