

# V&V Summary Report

## L2 ASCDS Version : 10.4.1

Observation 17065 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jul 13 2015

See axaff17065N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0662000621557

## Comments

Joint proposal with NRAO.

A spatial region of the original bias map for CCD = 6 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 = 6 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: (50.43540, 41.02866), (50.43513, 41.02593), (50.61965, 41.01526), (50.61993, 41.01798).

seq_num	703069	Sequence number
obs_id	17065	Observation id
title	ULTRAMASSIVE BLACK HOLES: FUNDAMENTAL PLANE AND CORONAE	Proposal t
observer	Dr. Kayhan Gultekin	Principal investigator
object	UGC 2698	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	50.512083	Observer's specified target RA [deg]
dec_targ	40.863889	Observer's specified target Dec [deg]
ra_nom	50.508052056001	Nominal RA [deg]
dec_nom	40.868399741596	Nominal Dec [deg]
roll_nom	85.575340199529	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8066.2000621557	Sum of GTIs [s]
livetime	7960.8092200936	Livetime [s]
ontime5	8066.2000621557	Sum of GTIs [s]
ontime6	8066.2000621557	Sum of GTIs [s]
ontime7	8066.2000621557	Sum of GTIs [s]
ontime8	8066.2000621557	Sum of GTIs [s]
l2events	66172	Number of level 2 events

