

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2034 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 26 2012

See [axaff02034N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.948

## Comments

During this observation, an ACIS Threshold-Plane Anomaly occurred. The flight s/w is intended to delay 'start events' until after 'end bias dump'. For some unknown reason, it occasionally fails to do so, and if the overlap lasts for more than a minute or so, one or more FEPs experience a firmware latch-up that renders them useless until they are power cycled. The anomaly occurred for chips S2 and I3. No event data were recorded for these chips; the apparent bright patches on these chips are due to known hot pixels. Since the aim-point chip is unaffected, this obsid is deemed acceptable as is and meets the proposer's needs.

seq_num	600168	Sequence number
obs_id	2034	Observation id
title	THE X-RAY PROPERTIES OF ULTRALUMINOUS GALAXIES: COSMOLOGICAL IMPLICATIONS	Proposal title
observer	Dr. Tim Heckman	Principal investigator
object	IRAS 05189-2524	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	80.255833	Observer's specified target RA [deg]
dec_targ	-25.362472	Observer's specified target Dec [deg]
ra_nom	80.263588049001	Nominal RA [deg]
dec_nom	-25.355758298192	Nominal Dec [deg]
roll_nom	53.975198501788	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19945.600018561	Sum of GTIs [s]
livetime	19693.036821327	Livetime [s]
ontime2	19945.600018561	Sum of GTIs [s]
ontime3	19945.600018561	Sum of GTIs [s]
ontime5	19945.600018561	Sum of GTIs [s]
ontime6	19945.600018561	Sum of GTIs [s]
ontime7	19945.600018561	Sum of GTIs [s]
ontime8	19945.600018561	Sum of GTIs [s]
l2events	486073	Number of level 2 events

