

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3403 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 26 2012

See axaff03403N002_VV002_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	58.134

Comments

WARNING: incomplete dispersed spectral data due to instrument anomaly.
Observation was repeated with obsid 3410 =====
An ACIS Threshold-Plane Anomaly occurred for CCD chips S2 and S4. 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 S4 only. No event data were recorded for these chips; the bright pixels on these chips are due to previously known hot pixels with the applied dither correction. However, since this a grating observation, significant portions of the spectral arms are missing for both the plus and minus sides.

seq_num	200118	Sequence number
obs_id	3403	Observation id
title	TORTURED CORONAE IN THE RAPID BRAKING ZONE	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	HD 93497	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.692083	Observer's specified target RA [deg]
dec_targ	-49.42	Observer's specified target Dec [deg]
ra_nom	161.68910030517	Nominal RA [deg]
dec_nom	-49.410459618845	Nominal Dec [deg]
roll_nom	111.70175905795	Nominal Roll [deg]
revision	3	Processing version of data
ontime	58134.400054127	Sum of GTIs [s]
livetime	57398.267276308	Livetime [s]
ontime4	58131.159093872	Sum of GTIs [s]
ontime5	58134.400054127	Sum of GTIs [s]
ontime6	58134.400054127	Sum of GTIs [s]
ontime7	58134.400054127	Sum of GTIs [s]
ontime8	58134.400054127	Sum of GTIs [s]
ontime9	58134.400054127	Sum of GTIs [s]
l2events	536561	Number of level 2 events

