

V&V Summary Report

L2 ASCDS Version : 7.6.11.2

Observation 861 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 27 2007

See axaff00861N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	75.152

Comments

During obi=1, an ACIS Threshold-Plane Anomaly occurred for CCD chips 1 and 3. 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 1 and 3 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.

CCD chips 6 and 8 are also appear to be affected. They have only about 27 ksec ontime compared chip 7, which has 51 ksec ontime. Obi=0 does not have this problem.

seq_num	700166
obs_id	861
title	WIDE SEPARATION QUASARS: PAIRS OR LENSES?
observer	Dr. Paul Green
object	Q2345+007
dtcycle	0
cycle	P
ra_targ	357.081667
dec_targ	0.955861
ra_nom	357.07527751234
dec_nom	0.97595116038076
roll_nom	112.71573273658
revision	5
ontime	75148.800069988
livetime	74197.220714327
ontime1	34364.211078182
ontime2	46505.069728374
ontime3	36830.765641615
ontime6	50267.883364722
ontime7	75148.800069988
ontime8	50922.560532168
l2events	414189

