

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 6723 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 4 2012

See axaff06723N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.68575

Comments

There are about 420,000 level 1 events in zero order, in 20ks, and for the CC-mode 'frame' time of 2.85 ms, we have ~0.06 counts/frame. Considering the 3-row detection cell, we then have about 0.18 counts/frame/cell. This means that the source will have significant pileup, roughly 15%.

seq_num	500670	Sequence number
obs_id	6723	Observation id
title	TINY HICCUPS TO TITANIC EXPLOSIONS: Tackling Transients in Anomalous X-ray Pulsars	Proposal title
observer	Professor Victoria Kaspi	Principal investigator
object	4U 0142+61	Source name
ra_targ	26.593333	Observer's specified target RA [deg]
dec_targ	61.750917	Observer's specified target Dec [deg]
ra_nom	26.597080479925	Nominal RA [deg]
dec_nom	61.752038311155	Nominal Dec [deg]
roll_nom	85.361631058889	Nominal Roll [deg]
revision	2	Processing version of data
ontime	18685.75	Sum of GTIs [s]
livetime	18612.758789062	Livetime [s]
ontime2	18685.75	Sum of GTIs [s]
ontime3	18685.75	Sum of GTIs [s]
ontime5	18685.75	Sum of GTIs [s]
ontime6	18685.75	Sum of GTIs [s]
ontime7	18685.75	Sum of GTIs [s]
ontime8	18685.75	Sum of GTIs [s]
l2events	748931	Number of level 2 events

