

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13236 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 27 2012

See axaff13236N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	75.009555447876

Comments

The EXPOSURE (and LIVETIME) are 68029.7 s, which is 90.69% (DTCOR) of the ONTIME of 75009.6 s. The reason that DTCOR is about 0.91 instead of about 0.99 is that the frame time is only 0.4 s. Since the frame transfer time is 0.04104 s, the fraction of the time spent in the static exposure is $0.4 / (0.4 + 0.04104) = 0.906947$.

seq_num	501551	Sequence number
obs_id	13236	Observation id
title	Testing the magnetar model with the first low magnetic field soft gamma repeater	Proposal title
observer	Dr. Nanda Rea	Principal investigator
object	SGR 0418+5729	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	64.64125	Observer's specified target RA [deg]
dec_targ	57.539694	Observer's specified target Dec [deg]
ra_nom	64.637850032559	Nominal RA [deg]
dec_nom	57.537277878994	Nominal Dec [deg]
roll_nom	175.51024612394	Nominal Roll [deg]
revision	2	Processing version of data
ontime	75009.55544591	Sum of GTIs [s]
livetime	68029.707460466	Livetime [s]
ontime7	75009.55544591	Sum of GTIs [s]
l2events	40262	Number of level 2 events

