

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 14057 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

See axaff14057N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	41.433997530341

Comments

Monitor constraint met, follows obs14056 by 41 days. === The EXPOSURE (and LIVETIME) are 37578.45 s, which is 90.69% (DTCOR) of the ONTIME of 41434.00 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 $0.4 / (0.4 + 0.04104) = 0.9069$. The EXPOSURE is consistent with the exposure expected if one counts the total number of valid frames (93954) and multiplies by the static exposure time (93954 vbh.10021.axaff14057N002_VV001_vv2.tex 0.4 s -

seq_num	501642	Sequence number
obs_id	14057	Observation id
title	PROMPT STUDY OF MAGNETAR OUTBURSTS WITH CHANDRA	Proposal title
observer	Dr. Nanda Rea	Principal investigator
object	Swift J1834.9-0846	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.717167	Observer's specified target RA [deg]
dec_targ	-8.765547	Observer's specified target Dec [deg]
ra_nom	278.72009235536	Nominal RA [deg]
dec_nom	-8.7664099486004	Nominal Dec [deg]
roll_nom	285.80938852063	Nominal Roll [deg]
revision	2	Processing version of data
ontime	41433.997530341	Sum of GTIs [s]
livetime	37578.448694306	Livetime [s]
ontime7	41433.997530341	Sum of GTIs [s]
l2events	22055	Number of level 2 events

