

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9142 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 7 2012

See axaff09142N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.18225

Comments

The EXPOSURE (and LIVETIME) are 6621 s, which is 30% (DTCOR) of the ONTIME of 22182 s. The reason that DTCOR is about 0.3 instead of about 0.99 is that the frame time is only 0.2 s. Since the frame transfer time is 0.04104 s, the fraction of the time spent in the static exposure is about $0.2 / (0.2 + 0.04104 + 0.429 \text{ s (flushtime)})$.

seq_num	501003	Sequence number
obs_id	9142	Observation id
title	AO9 Chandra Monitoring of SNR 1987A	Proposal title
observer	Prof. David Burrows	Principal investigator
object	SNR 1987A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.880332731065	Nominal RA [deg]
dec_nom	-69.269162479162	Nominal Dec [deg]
roll_nom	335.16940455402	Nominal Roll [deg]
revision	2	Processing version of data
ontime	22182.25	Sum of GTIs [s]
livetime	6620.7766236867	Livetime [s]
ontime7	22182.25	Sum of GTIs [s]
l2events	14038	Number of level 2 events

