

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 13783 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 7 2012

See axaff13783N001_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	72.064678038001

Comments

Short livetime: The EXPOSURE (and LIVETIME) are 63392 s, which is about 88% (DTCOR) of the ONTIME of 72064 s. The reason that DTCOR is about 0.88 instead of about 0.99 is that the frame time is only 0.3 s. Since the frame transfer time is 0.04104 s, the fraction of the time spent in the static exposure is $0.3/0.34104 = 0.87966$. The EXPOSURE is consistent with the exposure expected if one counts the total number of valid frames (211313) and multiplies by the static exposure time (211313 vbh.14732.axaff13783N001.s = 63393.9 s).

seq_num	501615	Sequence number
obs_id	13783	Observation id
title	Evolution of the Cas A CCO	Proposal title
observer	Dr. George Pavlov	Principal investigator
object	Cas A CCO	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	350.86625	Observer's specified target RA [deg]
dec_targ	58.811833	Observer's specified target Dec [deg]
ra_nom	350.86921671787	Nominal RA [deg]
dec_nom	58.813272641154	Nominal Dec [deg]
roll_nom	65.042217752659	Nominal Roll [deg]
revision	1	Processing version of data
ontime	72064.678038001	Sum of GTIs [s]
livetime	63392.573925054	Livetime [s]
ontime7	72064.678038001	Sum of GTIs [s]
l2events	2048370	Number of level 2 events

