

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12561 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 24 2012

See axaff12561N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.009126090407

Comments

The EXPOSURE (and LIVETIME) are 17241.4 s, which is 90.6947% (DTCOR) of the ONTIME of 19010.3 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. The EXPOSURE is consistent with the exposure expected if one counts

the total number of valid frames (43104) and multiplies by the static exposure

time (43104 vbh.19360.axaff12561N002_VV001_vv2.tex 0.4 s = 17241.6 s).

seq_num	501394	Sequence number
obs_id	12561	Observation id
title	Grand Unification in Neutron Stars: The High-B Radio Pulsars	Propo
observer	Professor Victoria Kaspi	Principal investigator
object	PSR J1001-5939	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	150.384167	Observer's specified target RA [deg]
dec_targ	-59.654944	Observer's specified target Dec [deg]
ra_nom	150.37820938277	Nominal RA [deg]
dec_nom	-59.655349754949	Nominal Dec [deg]
roll_nom	130.43697992148	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19009.126087546	Sum of GTIs [s]
livetime	17240.273977459	Livetime [s]
ontime7	19009.126087546	Sum of GTIs [s]
l2events	9247	Number of level 2 events

