

# V&V Summary Report

## L2 ASCDS Version : 7.6.7.1

Observation 5586 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date: 16 2006

See axaff05586N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	54.42523

## Comments

This observation was taken during a high radiation environment. Chip S4 of this observation has a very high background due to the radiation. In this case the events due to radiation on chip S4 were not completely removed in the Level 2 processing. I note spikes in the count rates at about 31 ksec and 35 ksec into the observation. The outer portion of the supernova remnant directly east of the pulsar falls on S4. The science goals of this proposal do not include analysis of the supernova shell or outer shocks, so the radiation issues do not affect the science quality of the data. While the front illuminated chips have several intervals of non-Good-Time, the back illuminated chips, including the target, have nearly complete Good Time coverage.

The ACIS focal plane temperature is above calibration limits for the first 30ksec of of the observation.

seq_num	500575
obs_id	5586
title	In Search of Vela-like Pulsars and their Wind Nebulae
observer	Zaven Arzoumanian
object	G76.9+1.0
dtcycle	0
cycle	P
ra_targ	305.584167
dec_targ	38.706917
ra_nom	305.57181724438
dec_nom	38.70748730704
roll_nom	186.71843148669
revision	2
ontime	54425.230825216
livetime	53736.065781567
ontime2	51041.64368242
ontime3	52282.940421373
ontime5	54425.230845124
ontime6	51774.105966598
ontime7	54425.230825216
ontime8	53300.609338522
l2events	980938

