

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 11823 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jun 26 2012

See axaff11823N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	63.3019184

## Comments

This is the first science observation following the ~40 hour dwell at normal sun mode due to a spacecraft anomaly. Using the bright source near the aim point for analysis, a plot of photon position (first in SKY X, then SKY Y) versus time shows that there is a 0.4' drift from the beginning to the end of the observation (65 ksec later). The drift is almost entirely in the SKY X direction. It appears that by the end the drift has largely settled out. Per instructions from the Aspect Scientist, no attempt has been made to manually correct for this drift.

seq_num	501340	Sequence number
obs_id	11823	Observation id
title	SNR RCW 103: Ejecta, Blast Wave, and the Central Compact Object	Pr
observer	Professor Gordon Garmire	Principal investigator
object	RCW 103	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.406667	Observer's specified target RA [deg]
dec_targ	-51.020278	Observer's specified target Dec [deg]
ra_nom	244.41933697003	Nominal RA [deg]
dec_nom	-51.019014549044	Nominal Dec [deg]
roll_nom	351.75109668316	Nominal Roll [deg]
revision	2	Processing version of data
ontime	63301.918476284	Sum of GTIs [s]
livetime	62474.832309196	Livetime [s]
ontime0	63308.200486898	Sum of GTIs [s]
ontime1	63308.200486898	Sum of GTIs [s]
ontime2	63308.200486898	Sum of GTIs [s]
ontime3	63301.918476284	Sum of GTIs [s]
l2events	1855884	Number of level 2 events

