

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 1997 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

See axaff01997N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.726

## Comments

Charge time for this ObsId remains at original value of 22.726 ks, although with the current processing the charge time would have been 14.702 ksec. The lower time value for this processing of the data is due to improved accounting of telemetry saturation in the software. There are many dropped exposures in this observation due to telemetry saturation. This observation is not dithered. The boundary between 2 nodes of the CCD chip is sharp and very apparent as a streak of lower flux 2-4 columns wide. The streak is only seen in Level 2 data, because the bad data are filtered at that point. Window constraint met.

seq_num	500174	Sequence number
obs_id	1997	Observation id
title	COORDINATED CHANDRA/HST OBSERVATIONS OF THE CRAB NEBULA	Proposal t
observer	PROF. JEFF HESTER	Principal investigator
object	CRAB NEBULA	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.631667	Observer's specified target RA [deg]
dec_targ	22.015667	Observer's specified target Dec [deg]
ra_nom	83.63000942496	Nominal RA [deg]
dec_nom	22.011441071774	Nominal Dec [deg]
roll_nom	272.72066227075	Nominal Roll [deg]
revision	4	Processing version of data
ontime	14702.014755711	Sum of GTIs [s]
livetime	2569.6533638114	Livetime [s]
ontime7	14702.014755711	Sum of GTIs [s]
l2events	8799685	Number of level 2 events

