

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 14684 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See axaff14684N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.571351059079

## Comments

New charge time differs by more than 5% of existing charge time.  
NEW CHARGE TIME = 19.571351 ks, 1 Obis  
EXISTING CHARGE TIME = 17.394251 ks, 1 Obis.

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This observation was taken at a lower than standard high voltage setting. The appropriate gain file must also be applied (gainfile = /data/CALDB/sdp/data/chandra/hrc/t\_gmap/hracsD1999-07-22t\_gmapN0002.fits)

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The GTI limits were also adjusted to allow the lower HV values.

seq_num	501818	Sequence number
obs_id	14684	Observation id
title	Pre-planned Target of Opportunity Observations of the Crab Nebula upon the Occurrence of a Gamma-Ray Flare	Proposal title
observer	Dr. Martin Weisskopf	Principal investigator
object	Crab	Source name
ra_targ	83.631667	Observer's specified target RA [deg]
dec_targ	22.015667	Observer's specified target Dec [deg]
ra_nom	83.631803414307	Nominal RA [deg]
dec_nom	22.010981998022	Nominal Dec [deg]
roll_nom	272.81037839847	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19571.351059079	[s]
livedtime	19485.209145373	Ontime multiplied by DTCOR
l2events	1092838	Number of level 2 events

