

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 14684 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 1 2015

See axaff14684N004_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.571351059079

Comments

This observation was taken at a lower than standard HRC high voltage setting. The appropriate gain file for this configuration was applied (gainfile = /data/CALDB/sdp/data/chandra/hrc/t_gmap/hrCsD1999-07-22t_gmapN0002.fits)

The GTI limits were also manually adjusted to allow the lower HV values. Users who wish to analyze these data should be aware of these custom processing steps.
LETG inserted as a filter only.

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These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

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	4	Processing version of data
ontime	19571.351059079	[s]
livetime	19485.209145373	Ontime multiplied by DTCOR
l2events	1092838	Number of level 2 events

