

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 14458 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 30 2014

See axaff14458N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10

## Comments

Charge time is set to the scheduled time for this observation, although the ontime is significantly less due to telemetry saturation.

Joint proposal with HST.

Observation coordinated with HST.

Window preference met.

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	501799	Sequence number
obs_id	14458	Observation id
title	Multiwavelength spectra of the fine structure of the Crab	Proposal
observer	Dr Oleg Kargaltsev	Principal investigator
object	Crab pulsar	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	83.633455888231	Nominal RA [deg]
dec_nom	22.018407559672	Nominal Dec [deg]
roll_nom	88.804621727092	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7160.149322927	Sum of GTIs [s]
liveltime	1243.8156764283	Livetime [s]
ontime7	7160.149322927	Sum of GTIs [s]
l2events	3524031	Number of level 2 events

