

V&V Summary Report

L2 ASCDS Version : 10

Observation 14682 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 6 2014

See [axaff14682N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5637511508465

Comments

Joint proposal with HST.

Window preference met.

The high count rate resulted in telemetry saturation and a large number of dropped exposures. The ONTIME value reflects the lost exposure time. 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	501816	Sequence number
obs_id	14682	Observation id
title	Joint Chandra and HST Monitoring and Studies of the Crab Nebula	Pr
observer	Dr. Martin Weisskopf	Principal investigator
object	Crab	Source name
dtcycle	0	
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	83.633237491788	Nominal RA [deg]
dec_nom	22.018533360659	Nominal Dec [deg]
roll_nom	93.425511842713	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3563.7511508465	Sum of GTIs [s]
livetime	617.78441057562	Livetime [s]
ontime7	3563.7511508465	Sum of GTIs [s]
l2events	1711359	Number of level 2 events

