

# V&V Summary Report

## L2 ASCDS Version : 10

Observation 15551 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 6 2014

See [axaff15551N002-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	31.06746751827

## Comments

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	501823	Sequence number
obs_id	15551	Observation id
title	A Legacy Study of the Relativistic Shocks of PWNe	Proposal title
observer	Prof. Roger Romani	Principal investigator
object	PSR J0633+1746	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	98.475833	Observer's specified target RA [deg]
dec_targ	17.77025	Observer's specified target Dec [deg]
ra_nom	98.47312964709	Nominal RA [deg]
dec_nom	17.791281111669	Nominal Dec [deg]
roll_nom	90.609510491321	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31067.46751827	Sum of GTIs [s]
livetime	30661.548183607	Livetime [s]
ontime0	31067.34439832	Sum of GTIs [s]
ontime1	31070.526398659	Sum of GTIs [s]
ontime2	31070.567438662	Sum of GTIs [s]
ontime3	31067.46751827	Sum of GTIs [s]
ontime7	31070.649518669	Sum of GTIs [s]
l2events	145022	Number of level 2 events

