

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3837 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

See axaff03837N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	147.528

Comments

Due to an error, this observation was obtained with NO dithering of the spacecraft for the first approximately 75 ksec. Dithering is standard procedure. The error was discovered and corrected after about 75 ksec and the rest of the observation was obtained with dithering turned on. For the portion of the observation taken with dithering turned OFF, the chip boundaries appear sharper and the pixel-to-pixel variations are greater than if the spacecraft had obtained the data in dither mode. The aspect solution for this observation is correct. The software uses the instantaneous pointing as a function of time as determined by the Aspect camera to apply the Aspect solution.

seq_num	500316	Sequence number
obs_id	3837	Observation id
title	STUDYING HIGH MACH NUMBER SHOCKS IN YOUNG SUPERNOVA REMNANTS WITH CHANDRA	Proposal title
observer	Prof. John Hughes	Principal investigator
object	TYCHO'S SNR	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	6.329167	Observer's specified target RA [deg]
dec_targ	64.136111	Observer's specified target Dec [deg]
ra_nom	6.3394815039064	Nominal RA [deg]
dec_nom	64.137192966827	Nominal Dec [deg]
roll_nom	36.549136379129	Nominal Roll [deg]
revision	3	Processing version of data
ontime	147528.91774598	Sum of GTIs [s]
livetime	145601.34382642	Livetime [s]
ontime0	147532.05875605	Sum of GTIs [s]
ontime1	147532.05875605	Sum of GTIs [s]
ontime2	147535.1997163	Sum of GTIs [s]
ontime3	147528.91774598	Sum of GTIs [s]
l2events	10467268	Number of level 2 events

