

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 16578 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff16578N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	54.525900419354

## Comments

OK for Aspect. There is nothing unusual about the aspect in this obsid and no warnings from the V&V system. The fuzzy chip edges in L2 are expected due to the larger dither amplitude (as seen in the previous observation with this configuration, obsid 10062).

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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	401598	Sequence number
obs_id	16578	Observation id
title	Turning Down the Noise on Circinus X-1: A Deep Look at the Jets, Shocks, and Lobes at Low Background	Proposal title
observer	Dr. Sebastian Heinz	Principal investigator
object	Circinus X-1	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	230.170417	Observer's specified target RA [deg]
dec_targ	-57.166722	Observer's specified target Dec [deg]
ra_nom	230.17248568869	Nominal RA [deg]
dec_nom	-57.176051617176	Nominal Dec [deg]
roll_nom	87.158367883291	Nominal Roll [deg]
revision	2	Processing version of data
ontime	54525.900419354	Sum of GTIs [s]
livetime	53813.479388992	Livetime [s]
ontime2	54525.900419354	Sum of GTIs [s]
ontime3	54525.900419354	Sum of GTIs [s]
ontime6	54525.900419354	Sum of GTIs [s]
ontime7	54525.900419354	Sum of GTIs [s]
ontime8	54525.900419354	Sum of GTIs [s]
l2events	349304	Number of level 2 events

