

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 15621 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 3 2014

See [axaff15621N003\\_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	65.073

## Comments

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.

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	702830	Sequence number
obs_id	15621	Observation id
title	The Remarkable Case of NGC 5252: Turning Chandra into a Time Machine	&#160
observer	Dr Junfeng Wang	Principal investigator
object	NGC 5252	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	204.56625	Observer's specified target RA [deg]
dec_targ	4.542583	Observer's specified target Dec [deg]
ra_nom	204.56684887213	Nominal RA [deg]
dec_nom	4.5396152781881	Nominal Dec [deg]
roll_nom	223.84415589998	Nominal Roll [deg]
revision	3	Processing version of data
ontime	65073.0	Sum of GTIs [s]
livetime	62507.684623069	Livetime [s]
ontime2	65073.0	Sum of GTIs [s]
ontime3	65073.0	Sum of GTIs [s]
ontime6	65073.0	Sum of GTIs [s]
ontime7	65073.0	Sum of GTIs [s]
ontime8	65071.958959937	Sum of GTIs [s]
l2events	110572	Number of level 2 events

