

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 14958 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 30 2014

See axaff14958N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.062800261974

## Comments

Optional chip S2 was dropped.

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	702767	Sequence number
obs_id	14958	Observation id
title	Determination of Dark Matter Fractions and M/L in Elliptical Galaxies	Proposal title
observer	Prof. David Pooley	Principal investigator
object	RX J0911+0551	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	137.864583	Observer's specified target RA [deg]
dec_targ	5.847778	Observer's specified target Dec [deg]
ra_nom	137.86313542646	Nominal RA [deg]
dec_nom	5.8504394146837	Nominal Dec [deg]
roll_nom	60.88706154375	Nominal Roll [deg]
revision	2	Processing version of data
ontime	34062.800261974	Sum of GTIs [s]
livetime	33617.744699883	Livetime [s]
ontime2	34056.518130958	Sum of GTIs [s]
ontime3	34059.659201622	Sum of GTIs [s]
ontime5	34062.800261974	Sum of GTIs [s]
ontime7	34062.800261974	Sum of GTIs [s]
ontime8	34059.659211695	Sum of GTIs [s]
l2events	266691	Number of level 2 events

