

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13851 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Dec 17 2014

See axaff13851N004\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.01.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	107.0616008234

## 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.

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Note: spatially complex region with multiple point sources and extended emission. The spectral extraction was centered on the nominal Sgr A\* coordinates: (RA, DEC) = (266.41667, -29.00780)[deg]

seq_num	601012	Sequence number
obs_id	13851	Observation id
title	Chandra HETG Ultra-deep Gratings Spectroscopy of Sgr A* (CHUGSS)	P
observer	Dr. Frederick Baganoff	Principal investigator
object	Sgr A*	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.416667	Observer's specified target RA [deg]
dec_targ	-29.007806	Observer's specified target Dec [deg]
ra_nom	266.41953485141	Nominal RA [deg]
dec_nom	-29.009493694679	Nominal Dec [deg]
roll_nom	268.6580215429	Nominal Roll [deg]
revision	4	Processing version of data
ontime	107061.6008234	Sum of GTIs [s]
livetime	105662.76219104	Livetime [s]
ontime5	107061.6008234	Sum of GTIs [s]
ontime6	107058.45988292	Sum of GTIs [s]
ontime7	107061.6008234	Sum of GTIs [s]
ontime8	107058.45985305	Sum of GTIs [s]
ontime9	107061.6008234	Sum of GTIs [s]
l2events	1131703	Number of level 2 events

