

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 15568 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 17 2014

See axaff15568N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.062300277352

## 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 manually centered on the nominal Sgr A\* coordinates: (RA, DEC) = (266.41667, -29.00780)[deg]

seq_num	601012	Sequence number
obs_id	15568	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	266.41953965081	Nominal RA [deg]
dec_nom	-29.00949927234	Nominal Dec [deg]
roll_nom	268.65802647031	Nominal Roll [deg]
revision	2	Processing version of data
ontime	36062.300277352	Sum of GTIs [s]
livetime	35591.119775549	Livetime [s]
ontime5	36062.300277352	Sum of GTIs [s]
ontime6	36062.300277352	Sum of GTIs [s]
ontime7	36062.300277352	Sum of GTIs [s]
ontime8	36062.300277352	Sum of GTIs [s]
ontime9	36062.300277352	Sum of GTIs [s]
l2events	382270	Number of level 2 events

