

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 14392 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 16 2012

See axaff14392N002_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.02.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.246764145911

Comments

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]=====

A spatial region of the original bias map for CCD = 9 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 9 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:
(266.35127, -29.35562), (266.35140, -29.35849), (266.38300, -29.35745), (266.38288, -29.35459)

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seq_num	601012	Sequence number
obs_id	14392	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	
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	266.41368504188	Nominal RA [deg]
dec_nom	-29.006281871344	Nominal Dec [deg]
roll_nom	92.155185061992	Nominal Roll [deg]
revision	2	Processing version of data
ontime	59246.764145911	Sum of GTIs [s]
livetime	58472.661555511	Livetime [s]
ontime5	59246.723105907	Sum of GTIs [s]
ontime6	59246.682065904	Sum of GTIs [s]
ontime7	59246.764145911	Sum of GTIs [s]
ontime8	59246.641025901	Sum of GTIs [s]
ontime9	59243.459025562	Sum of GTIs [s]
l2events	725872	Number of level 2 events

