

# V&V Summary Report

## L2 ASCDS Version : 10.9.2

Observation 20448 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 27 2020

See axaff20448N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.559000212073

## Comments

Joint proposal with NRAO.

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A spatial region of the original bias map for CCD = 8 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 = 8 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: (251.54316,57.75197), (251.54753,57.75599), (251.49416,57.77247), (251.49291,57.76750).

seq_num	703553	Sequence number
obs_id	20448	Observation id
title	Late-time X-ray and Radio Observations of the Unique Relativistic TDE Sw 1644+57	Proposal title
observer	Tarraneh Eftekhari	Principal investigator
object	Sw1644+57	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	251.207917	Observer's specified target RA [deg]
dec_targ	57.58325	Observer's specified target Dec [deg]
ra_nom	251.20658493236	Nominal RA [deg]
dec_nom	57.584856978843	Nominal Dec [deg]
roll_nom	240.14291881185	Nominal Roll [deg]
revision	3	Processing version of data
ontime	27559.000212073	Sum of GTIs [s]
livetime	27198.921585662	Livetime [s]
ontime5	27559.000212073	Sum of GTIs [s]
ontime6	27559.000212073	Sum of GTIs [s]
ontime7	27559.000212073	Sum of GTIs [s]
ontime8	27555.859221816	Sum of GTIs [s]
l2events	306868	Number of level 2 events

