

V&V Summary Report

L2 ASCDS Version : 10.8

Observation 21372 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 26 2019

See [axaff21372N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.526300311804

Comments

Window constraint met.

ACIS T_GAIN files released in CalDB 4.8.3 (23 May 2019) and CalDB 4.8.4 (03 September 2019) have errors in the T_GAIN corrections for ACIS-I chips 0, 1, 2, and 3, and ACIS-S chip 6 (S2). All ACIS OBS_IDs including those chips, which were processed (or reprocessed) in SDP between 2019-05-24T01:06:00 and 2019-09-06T17:31:43 with CalDB 4.8.3, 4.8.3.1, or 4.8.4, were affected. The errors in the T_GAINs, which produce a 1%-2% reduction in the PHA and hence the ENERGY column values for dithered observations, result from alternating real value and zero value columns in CHIPX space across FI chips ACIS-0, 1, 2, 3, and 6. The error has been corrected in this version of the data products.

seq_num	503137	Sequence number
obs_id	21372	Observation id
title	A year in the life of GW170817: constraining the nature of its relativistic outflow with Chandra	Proposal title
observer	Eleonora Troja	Principal investigator
object	GW170817	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	197.450417	Observer's specified target RA [deg]
dec_targ	-23.381472	Observer's specified target Dec [deg]
ra_nom	197.45266112945	Nominal RA [deg]
dec_nom	-23.383660444522	Nominal Dec [deg]
roll_nom	234.15752230574	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40526.300311804	Sum of GTIs [s]
livetime	39996.794363202	Livetime [s]
ontime2	40526.300311804	Sum of GTIs [s]
ontime3	40520.018361211	Sum of GTIs [s]
ontime6	40523.159341574	Sum of GTIs [s]
ontime7	40526.300311804	Sum of GTIs [s]
ontime8	40520.018391252	Sum of GTIs [s]
l2events	295288	Number of level 2 events

