V&V Summary Report
L2 ASCDS Version : 10.8

Observation 22737 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 1 2019

See axaff22737N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.579915624738

Comments

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	22737	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
dtycycle	0	&#160
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	197.45262396115	Nominal RA [deg]
dec_nom	-23.383854109388	Nominal Dec [deg]
roll_nom	234.15750496717	Nominal Roll [deg]
revision	2	Processing version of data
ontime	25579.915624738	Sum of GTIs [s]
livetime	25245.695195441	Livetime [s]
ontime2	25579.751464725	Sum of GTIs [s]
ontime3	25576.692584515	Sum of GTIs [s]
ontime6	25579.874584794	Sum of GTIs [s]
ontime7	25579.915624738	Sum of GTIs [s]
ontime8	25573.510583758	Sum of GTIs [s]
l2events	183751	Number of level 2 events

o = target
x = nominal pointing