V&V Summary Report
L2 ASCDS Version : 10.8

Observation 22278 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 27 2019

See axaff22278N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.905600460529

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	201176		Sequence number
obs_id	22278		Observation id
title	Legacy HETG Spectrum of a Massive Star: zeta Pup		Proposal title
observer	Wayne Waldron		Principal investigator
object	zeta Pup		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	120.895833		Observer's specified target RA [deg]
dec_targ	-40.003139		Observer's specified target Dec [deg]
ra_nom	120.89213905505		Nominal RA [deg]
dec_nom	-40.007792201482		Nominal Dec [deg]
roll_nom	187.1542383674		Nominal Roll [deg]
revision	2		Processing version of data
ontime	30905.600460529		Sum of GTIs [s]
livetime	30514.25513838		Livetime [s]
ontime4	30905.600460529		Sum of GTIs [s]
ontime5	30905.600460529		Sum of GTIs [s]
ontime6	30899.118519425		Sum of GTIs [s]
ontime7	30905.600460529		Sum of GTIs [s]
ontime8	30905.600460529		Sum of GTIs [s]
ontime9	30902.359460235		Sum of GTIs [s]
l2events	403253		Number of level 2 events

o = target
x = nominal pointing