

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 6157 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff06157N005_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.4496

Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the reported value of the ACIS FP temperature was ~1.3 degrees warmer than the actual temperature. The value for FP temperature reported in the headers of the Level 2 event file and the Mission Timeline files ARE INCORRECT by this amount for this processing. However, the temperature is corrected in the processing in order to obtain the correct temperature for the CTI correction. So the calibrated data are correct.

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Window constraint met.

seq_num	590418	Sequence number
obs_id	6157	Observation id
title	Calibrating Pile-up in ACIS Imaging Data with PSRJ0437-4715	Propos
observer	CXC Calibration	Principal investigator
object	PSR J0437-4715	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	69.315833	Observer's specified target RA [deg]
dec_targ	-47.252333	Observer's specified target Dec [deg]
ra_nom	69.369616782627	Nominal RA [deg]
dec_nom	-47.204056313939	Nominal Dec [deg]
roll_nom	57.288087017922	Nominal Roll [deg]
revision	5	Processing version of data
ontime	9449.6001407802	Sum of GTIs [s]
livetime	8570.2885368948	Livetime [s]
ontime7	9449.6001407802	Sum of GTIs [s]
l2events	19454	Number of level 2 events

