

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 725 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00725N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.132

Comments

Focal plane temperature is warmer than -118.7 C degrees during the entire observation. This temperature is the upper limit of the verified ACIS calibration for the front-illuminated chips. The focal plane temperature is also warmer than -116.7 degrees C for the entire observation. This temperature is the upper limit of the verified ACIS calibration for the back-illuminated chips. The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	500021	Sequence number
obs_id	725	Observation id
title	A STUDY OF ANOMALOUS X-RAY PULSARS	Proposal title
observer	Dr. Chryssa Kouveliotou	Principal investigator
object	1E 2259+586	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	345.285833	Observer's specified target RA
dec_targ	58.878056	Observer's specified target Dec
ra_nom	345.2962941797	Nominal RA
dec_nom	58.869430457078	Nominal Dec
roll_nom	312.79586797027	Nominal Roll
revision	5	Processing version of data
ontime	19132.290213801	Sum of GTIs [s]
livetime	18890.025635032	Livetime [s]
ontime2	19132.249173798	Sum of GTIs [s]
ontime3	19128.926133581	Sum of GTIs [s]
ontime6	19132.208133802	Sum of GTIs [s]
ontime7	19132.290213801	Sum of GTIs [s]
ontime8	19132.126053803	Sum of GTIs [s]
l2events	245306	Number of level 2 events

