

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62709 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 31 2010

See [axaff62709N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.580931070447

Comments

The focal plane temperature is approximately -90C during this observation.

The ACIS CTI correction has not been calibrated at this temperature because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front- and back-illuminated chips are affected. However, a T_GAIN correction has been applied to the BI chips

(ACIS-5 and ACIS-7) data included here.

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Chip 5 shows a smattering of cosmic ray hits.

seq_num	0	Sequence number
obs_id	62709	Observation id
title	ACIS-S background measurement	Proposal title
observer	CHANDRA orbital activation and checkout	Principal investigator
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	239.0440265563	Nominal RA
dec_nom	-55.372111524095	Nominal Dec
roll_nom	270.50557663779	Nominal Roll
revision	3	Processing version of data
ontime	16580.931070447	Sum of GTIs [s]
livetime	16377.257540309	Livetime [s]
ontime4	16584.189980596	Sum of GTIs [s]
ontime5	16580.890010521	Sum of GTIs [s]
ontime6	16574.043930091	Sum of GTIs [s]
ontime7	16580.931070447	Sum of GTIs [s]
ontime8	16577.467000224	Sum of GTIs [s]
ontime9	16574.084910236	Sum of GTIs [s]
l2events	226876	Number of level 2 events