

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60927 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

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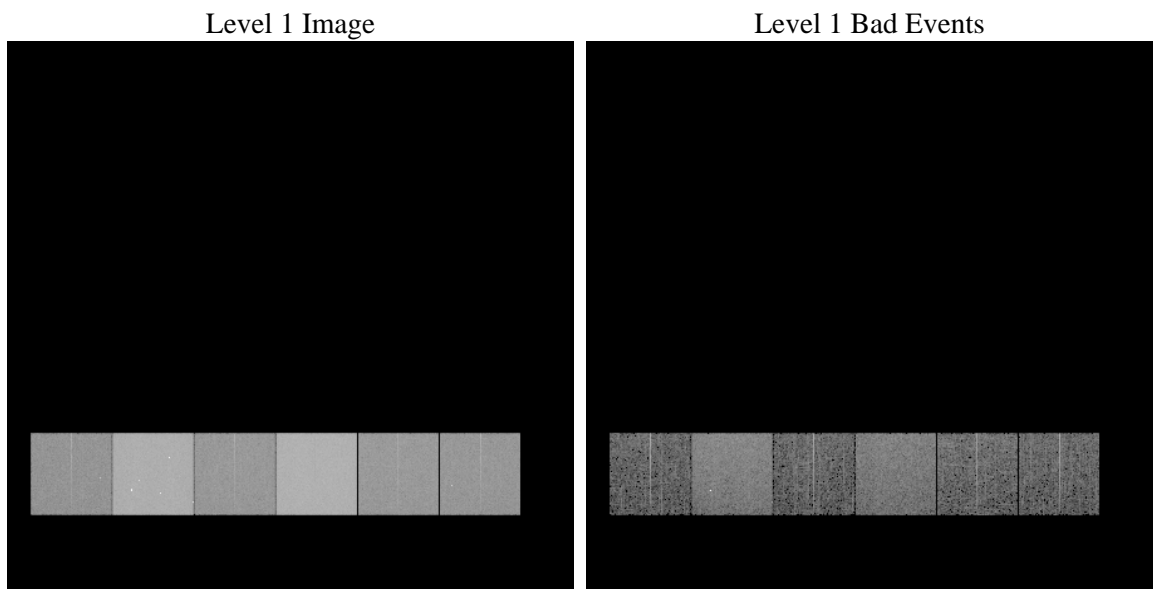
1 Front

seq_num	 	Sequence number
obs_id	60927	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	125.99826725459	Nominal RA [deg]
dec_nom	-3.1714739883153	Nominal Dec [deg]
roll_nom	60.59660905876	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8441.5999685526	Sum of GTIs [s]
livetime	8334.7073468295	Livetime [s]
ontime4	3129.6273442209	Sum of GTIs [s]
ontime5	8441.5999685526	Sum of GTIs [s]
ontime6	3431.0338823199	Sum of GTIs [s]
ontime7	8441.5999685526	Sum of GTIs [s]
ontime8	3547.7183249295	Sum of GTIs [s]
ontime9	3388.9093574286	Sum of GTIs [s]
l2events	1281141	Number of level 2 events

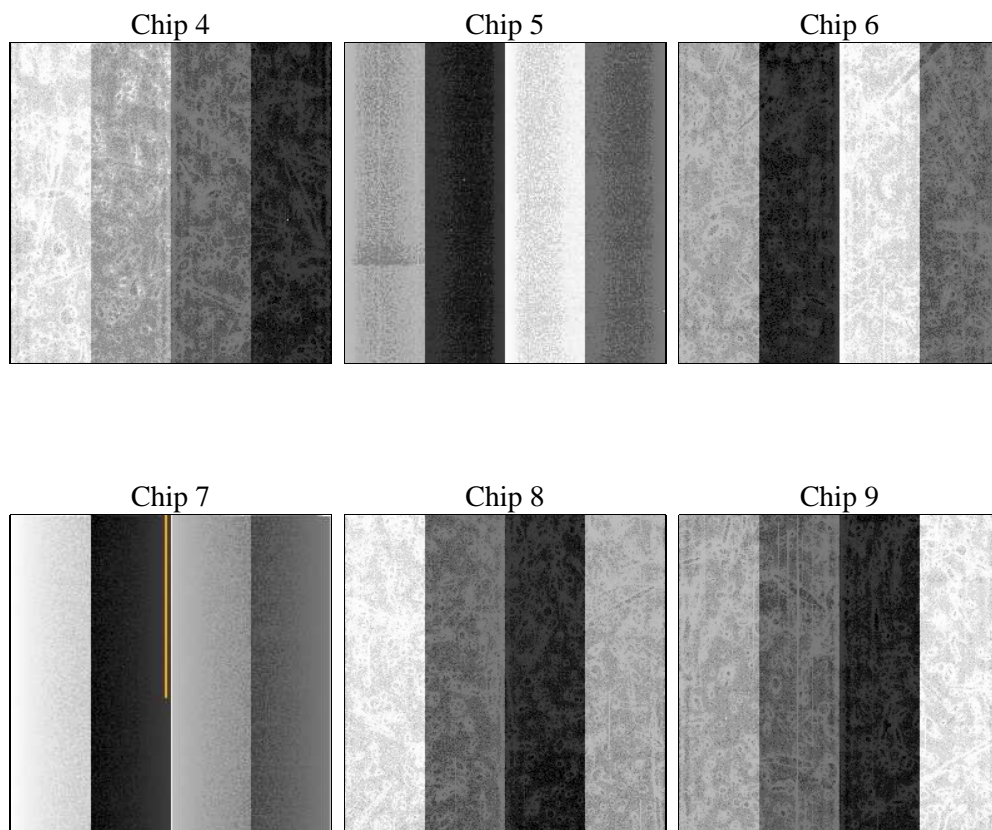
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8441.5999685526	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3129.6273442209	Sum of GTIs [s]
date	2012-10-18T14:48:04	Date and time of file creation	ontime5	8441.5999685526	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	3431.0338823199	Sum of GTIs [s]
			ontime7	8441.5999685526	Sum of GTIs [s]
			ontime8	3547.7183249295	Sum of GTIs [s]
			ontime9	3388.9093574286	Sum of GTIs [s]
			l1events	1546434	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	157656	402802	183572	434843	191972	175589	grade 0 events	77872	81580	86703	98102	90821	83644
rejected events	23773	57801	24581	45208	27870	25143		49%	20%	47%	22%	47%	47%
rejected %	15%	14%	13%	10%	14%	14%	grade 1 events	571	258	447	254	445	464
								0%	0%	0%	0%	0%	0%
							grade 2 events	21332	124865	27425	86413	28673	25773
								13%	30%	14%	19%	14%	14%
							grade 3 events	8941	21174	9797	39534	10591	9452
								5%	5%	5%	9%	5%	5%
							grade 4 events	8950	21050	9867	39295	10377	9717
								5%	5%	5%	9%	5%	5%
							grade 5 events	1528	10423	1720	8641	2099	1809
								0%	2%	0%	1%	1%	1%
							grade 6 events	17055	97100	25625	127191	24063	22306
								10%	24%	13%	29%	12%	12%
							grade 7 events	21407	46352	21988	35413	24903	22424
								13%	11%	11%	8%	12%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	125.9982672545914	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-3.171473988315305	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	60.59660905875998			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	155608918.551935	155608917.52722			
Observation start date	2002-12-07T00:41:59	2002-12-07T00:41:57			
[s] Observation end time (MET)	155632702.652928	155632701.62821			
Observation end date	2002-12-07T07:18:23	2002-12-07T07:18:21			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4415999685526

A.2 Comments