

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59121 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 25 2012

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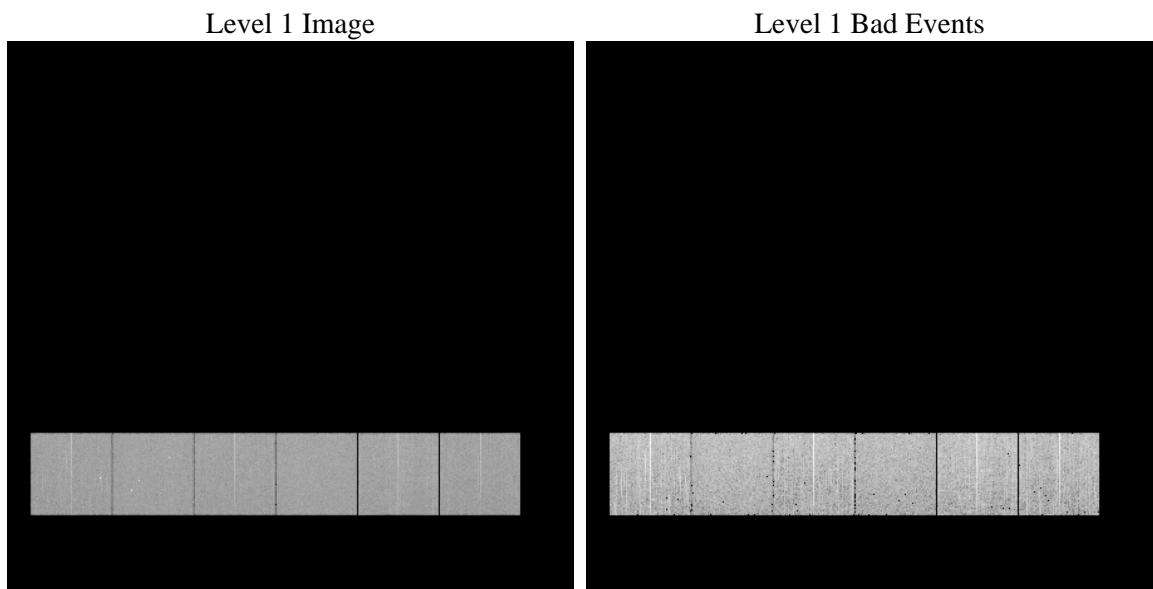
1 Front

seq_num	 	Sequence number
obs_id	59121	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	134.02897660627	Nominal RA [deg]
dec_nom	-11.996160954379	Nominal Dec [deg]
roll_nom	334.86392823917	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5163.6949779093	Sum of GTIs [s]
livetime	5098.3091628952	Livetime [s]
ontime4	5163.5718578994	Sum of GTIs [s]
ontime5	5163.653937906	Sum of GTIs [s]
ontime6	5163.6128979027	Sum of GTIs [s]
ontime7	5163.6949779093	Sum of GTIs [s]
ontime8	5163.5308179259	Sum of GTIs [s]
ontime9	5163.7360179126	Sum of GTIs [s]
l2events	616885	Number of level 2 events

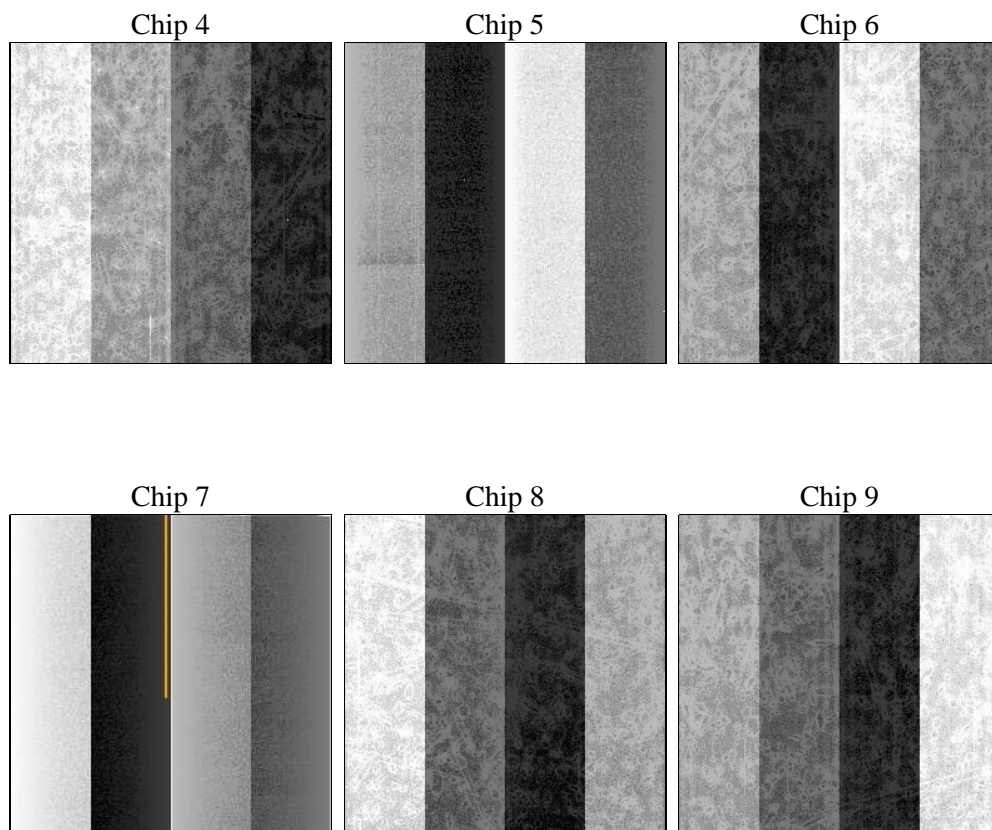
2 OBI

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	8.4.3	Processing system revision	ontime	5163.6949779093	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	5163.5718578994	Sum of GTIs [s]
date	2012-03-25T16:37:01	Date and time of file creation	ontime5	5163.653937906	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5163.6128979027	Sum of GTIs [s]
			ontime7	5163.6949779093	Sum of GTIs [s]
			ontime8	5163.5308179259	Sum of GTIs [s]
			ontime9	5163.7360179126	Sum of GTIs [s]
			l1events	922916	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	148678	152654	152513	159020	162379	147672	grade 0 events	58757	22033	58839	27895	60947	57265
rejected events	47798	40550	44569	37245	48775	43810		39%	14%	38%	17%	37%	38%
rejected %	32%	26%	29%	23%	30%	29%	grade 1 events	504	121	353	116	358	399
								0%	0%	0%	0%	0%	0%
							grade 2 events	16056	41233	18823	26676	20658	18005
								10%	27%	12%	16%	12%	12%
							grade 3 events	7028	6196	6740	12052	7685	6878
								4%	4%	4%	7%	4%	4%
							grade 4 events	6978	6192	6822	11926	7703	6738
								4%	4%	4%	7%	4%	4%
							grade 5 events	2451	5811	2643	6137	3145	2878
								1%	3%	1%	3%	1%	1%
							grade 6 events	12958	37423	17707	44291	17625	15918
								8%	24%	11%	27%	10%	10%
							grade 7 events	43946	33645	40586	29927	44258	39591
								29%	22%	26%	18%	27%	26%

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	134.0289766062654	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.99616095437857	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	334.8639282391679			
[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)	256140812.299071	256140811.27409			
Observation start date	2006-02-12T14:13:32	2006-02-12T14:13:31			
[s] Observation end time (MET)	256160028.999962	256160027.97498			
Observation end date	2006-02-12T19:33:49	2006-02-12T19:33:47			
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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1636949779093

A.2 Comments