

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57933 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 10 2012

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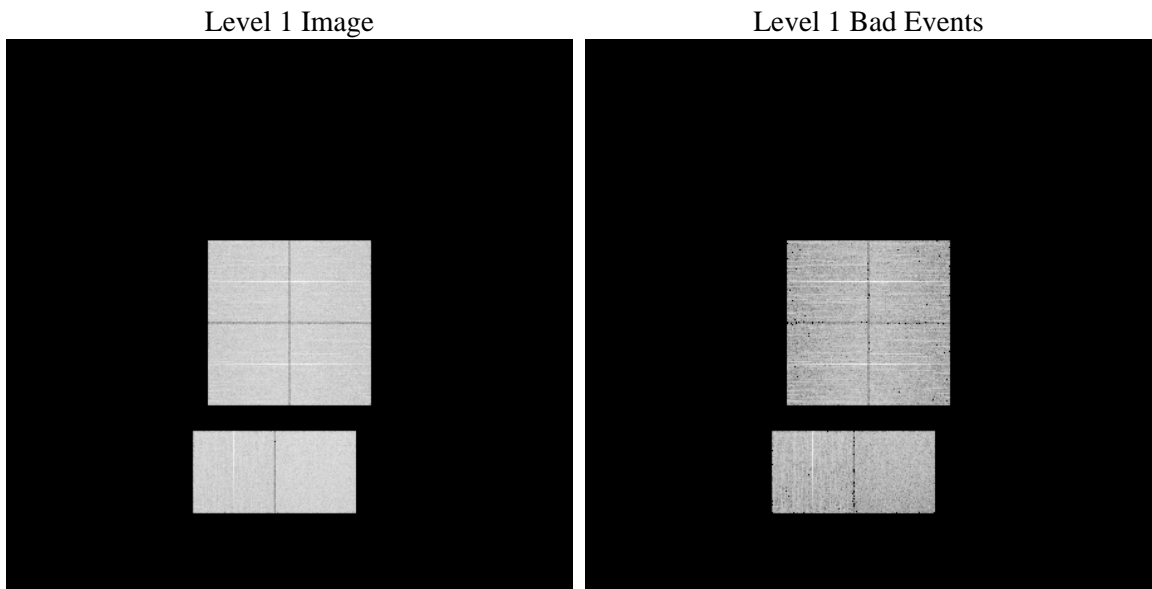
1 Front

seq_num	 	Sequence number
obs_id	57933	Observation id
title	ACIS-012367 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	144.01935652922	Nominal RA [deg]
dec_nom	-10.011090649555	Nominal Dec [deg]
roll_nom	307.18668586516	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5062.3999812007	Sum of GTIs [s]
livetime	4998.2968244274	Livetime [s]
ontime0	5062.3999812007	Sum of GTIs [s]
ontime1	5062.3999812007	Sum of GTIs [s]
ontime2	5062.3999812007	Sum of GTIs [s]
ontime3	5062.3999812007	Sum of GTIs [s]
ontime6	5062.3999812007	Sum of GTIs [s]
ontime7	5062.3999812007	Sum of GTIs [s]
l2events	427356	Number of level 2 events

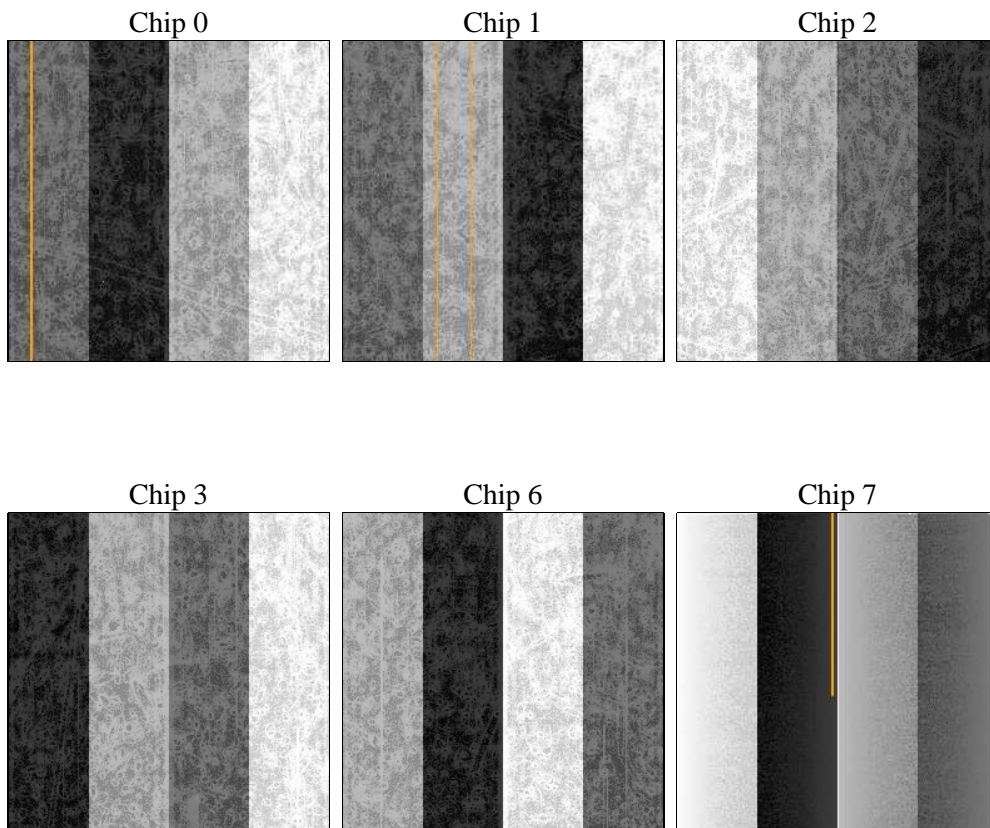
2 OBI

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	8.4.4	Processing system revision	ontime	5062.3999812007	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5062.3999812007	Sum of GTIs [s]
date	2012-05-11T01:17:40	Date and time of file creation	ontime1	5062.3999812007	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5062.3999812007	Sum of GTIs [s]
			ontime3	5062.3999812007	Sum of GTIs [s]
			ontime6	5062.3999812007	Sum of GTIs [s]
			ontime7	5062.3999812007	Sum of GTIs [s]
			l1events	715054	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	114006	115378	116514	116372	119477	133307	grade 0 events	37950	37875	39031	38565	38746	18951
rejected events	43184	43884	45633	45113	45702	40668		33%	32%	33%	33%	32%	14%
rejected %	37%	38%	39%	38%	38%	30%	grade 1 events	272	228	316	292	261	119
								0%	0%	0%	0%	0%	0%
							grade 2 events	12553	13070	11897	12419	12926	20019
								11%	11%	10%	10%	10%	15%
							grade 3 events	4518	4546	4685	4760	4612	8629
								3%	3%	4%	4%	3%	6%
							grade 4 events	4598	4741	4726	4784	4649	8688
								4%	4%	4%	4%	3%	6%
							grade 5 events	2462	2534	2337	2709	2658	6648
								2%	2%	2%	2%	2%	4%
							grade 6 events	11305	11307	10612	10775	12893	36396
								9%	9%	9%	9%	10%	27%
							grade 7 events	40348	41077	42910	42068	42732	33857
								35%	35%	36%	36%	35%	25%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	144.0193565292223	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-10.01109064955538	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	307.1866858651643			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	320985308.379835	320985307.35486			
Observation start date	2008-03-04T02:35:08	2008-03-04T02:35:07			
[s] Observation end time (MET)	321000703.880583	321000702.8556			
Observation end date	2008-03-04T06:51:44	2008-03-04T06:51:42			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0623999812007

A.2 Comments