

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59892 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 15 2012

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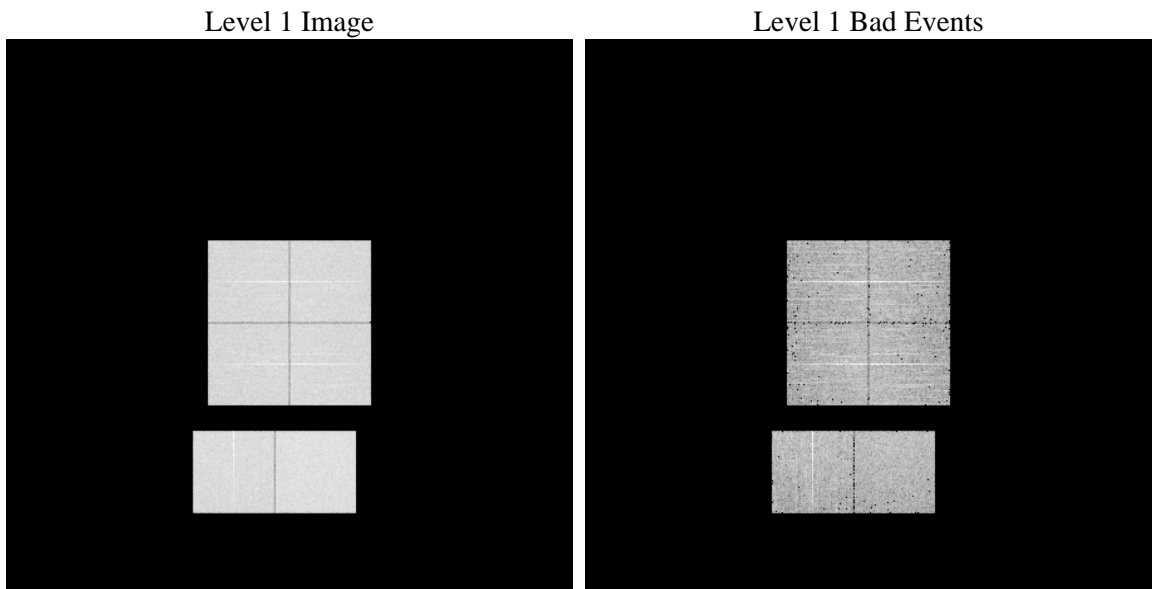
1 Front

seq_num	 	Sequence number
obs_id	59892	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	96.123821351773	Nominal RA [deg]
dec_nom	11.116528573924	Nominal Dec [deg]
roll_nom	2.3996369451816	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4953.5999815464	Sum of GTIs [s]
livetime	4890.8745158802	Livetime [s]
ontime0	4193.267989397	Sum of GTIs [s]
ontime1	4324.8525754511	Sum of GTIs [s]
ontime2	4081.7803825438	Sum of GTIs [s]
ontime3	4209.3909600973	Sum of GTIs [s]
ontime6	4446.1867006123	Sum of GTIs [s]
ontime7	4953.5999815464	Sum of GTIs [s]
l2events	679575	Number of level 2 events

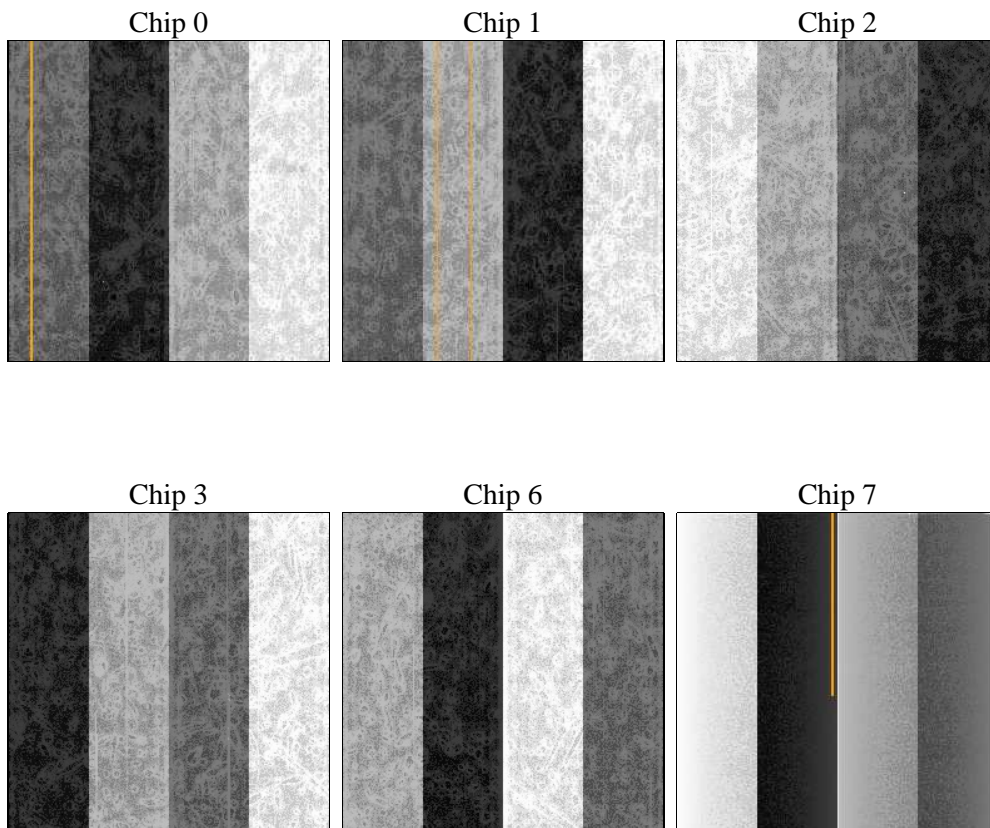
2 OBI

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	8.5.1	Processing system revision	ontime	4953.5999815464	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	4193.267989397	Sum of GTIs [s]
date	2012-12-15T07:05:04	Date and time of file creation	ontime1	4324.8525754511	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4081.7803825438	Sum of GTIs [s]
			ontime3	4209.3909600973	Sum of GTIs [s]
			ontime6	4446.1867006123	Sum of GTIs [s]
			ontime7	4953.5999815464	Sum of GTIs [s]
			l1events	919167	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	144389	146940	141549	147101	158972	180216	grade 0 events	61871	63472	61594	64234	67922	35667
rejected events	33960	33170	33883	34788	36307	33511		42%	43%	43%	43%	42%	19%
rejected %	23%	22%	23%	23%	22%	18%	grade 1 events	370	308	421	406	343	113
								0%	0%	0%	0%	0%	0%
							grade 2 events	19764	20580	18558	19468	21540	32617
								13%	14%	13%	13%	13%	18%
							grade 3 events	7163	7432	7099	7596	7943	14929
								4%	5%	5%	5%	4%	8%
							grade 4 events	7439	7472	7236	7500	7635	14851
								5%	5%	5%	5%	4%	8%
							grade 5 events	1873	2022	1758	2079	2195	5565
								1%	1%	1%	1%	1%	3%
							grade 6 events	16183	16906	15251	15473	19728	50906
								11%	11%	10%	10%	12%	28%
							grade 7 events	29726	28748	29632	30345	31666	25568
								20%	19%	20%	20%	19%	14%

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	96.12382135177342	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.11652857392447	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	2.399636945181603			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	220458939.116024	220458938.09101			
Observation start date	2004-12-26T14:35:39	2004-12-26T14:35:38			
[s] Observation end time (MET)	220494920.717647	220494919.69263			
Observation end date	2004-12-27T00:35:21	2004-12-27T00:35:19			
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)	2013.01.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9535999815464

A.2 Comments