

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59933 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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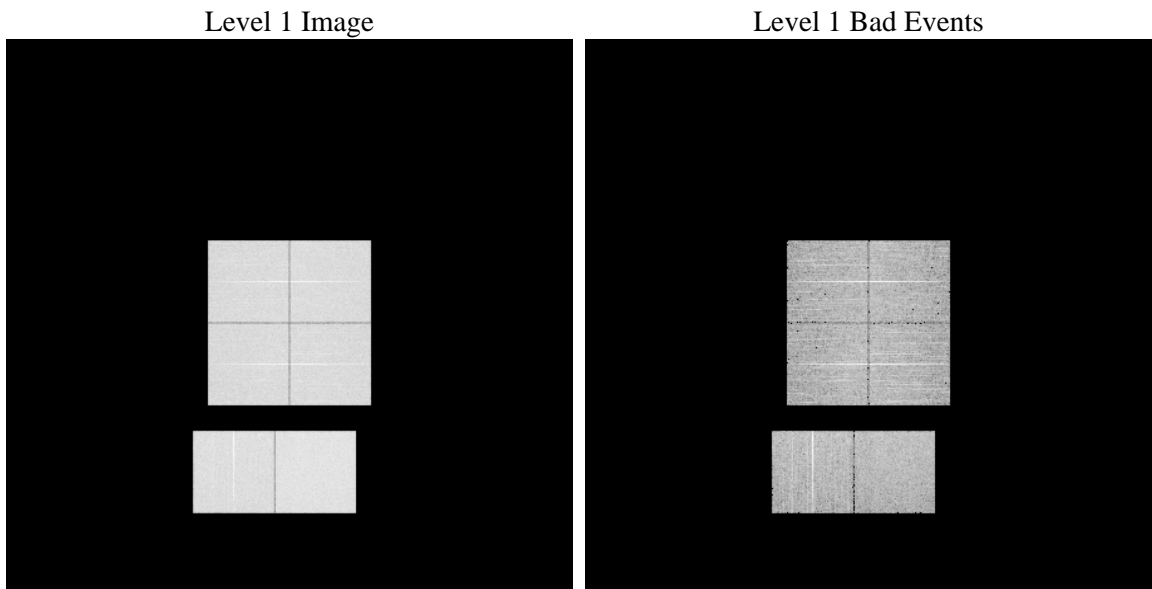
1 Front

seq_num	 	Sequence number
obs_id	59933	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	107.97785154522	Nominal RA [deg]
dec_nom	31.421529456412	Nominal Dec [deg]
roll_nom	98.420576241434	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6521.4580866098	Sum of GTIs [s]
ontime1	6673.7837401927	Sum of GTIs [s]
ontime2	6271.9035829008	Sum of GTIs [s]
ontime3	6333.4811822176	Sum of GTIs [s]
ontime6	6907.1332418919	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1064388	Number of level 2 events

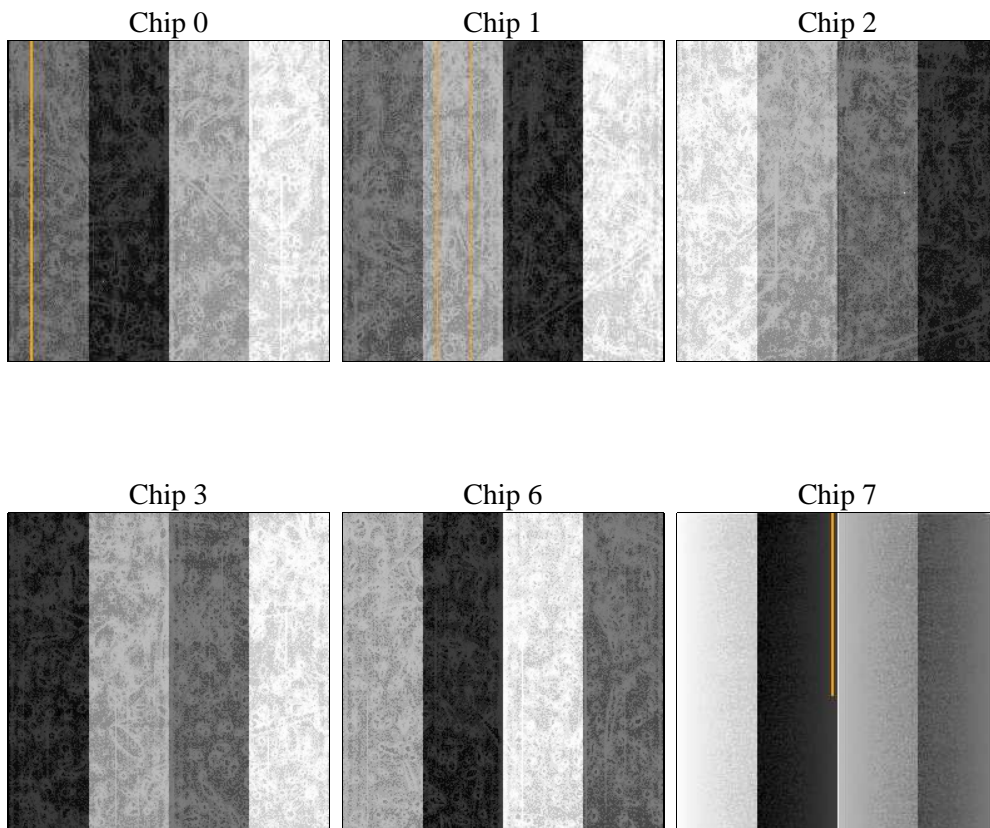
2 OBI

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	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6521.4580866098	Sum of GTIs [s]
date	2012-12-12T16:45:52	Date and time of file creation	ontime1	6673.7837401927	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6271.9035829008	Sum of GTIs [s]
			ontime3	6333.4811822176	Sum of GTIs [s]
			ontime6	6907.1332418919	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1411133	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	220241	225075	217310	219917	247292	281298	grade 0 events	95774	97530	94803	95525	105609	55456
rejected events	46215	47182	47833	49267	53807	48468		43%	43%	43%	43%	42%	19%
rejected %	20%	20%	22%	22%	21%	17%	grade 1 events	595	493	586	593	525	213
								0%	0%	0%	0%	0%	0%
							grade 2 events	30498	31607	28607	29301	33083	51342
								13%	14%	13%	13%	13%	18%
							grade 3 events	11294	11477	10944	11156	12011	23290
								5%	5%	5%	5%	4%	8%
							grade 4 events	11328	11192	11180	11233	12164	23111
								5%	4%	5%	5%	4%	8%
							grade 5 events	2893	3126	2768	3196	3448	8740
								1%	1%	1%	1%	1%	3%
							grade 6 events	25228	26177	24013	23531	30713	79738
								11%	11%	11%	10%	12%	28%
							grade 7 events	42631	43473	44409	45382	49739	39408
								19%	19%	20%	20%	20%	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	107.9778515452157	Alternating exposures requested	N	N
[deg] Pointing Dec	0	31.42152945641219	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	98.42057624143358			
[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)	218861005.044082	218861004.01907			
Observation start date	2004-12-08T02:43:25	2004-12-08T02:43:24			
[s] Observation end time (MET)	218876371.844773	218876370.81976			
Observation end date	2004-12-08T06:59:32	2004-12-08T06:59:30			
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments