

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60477 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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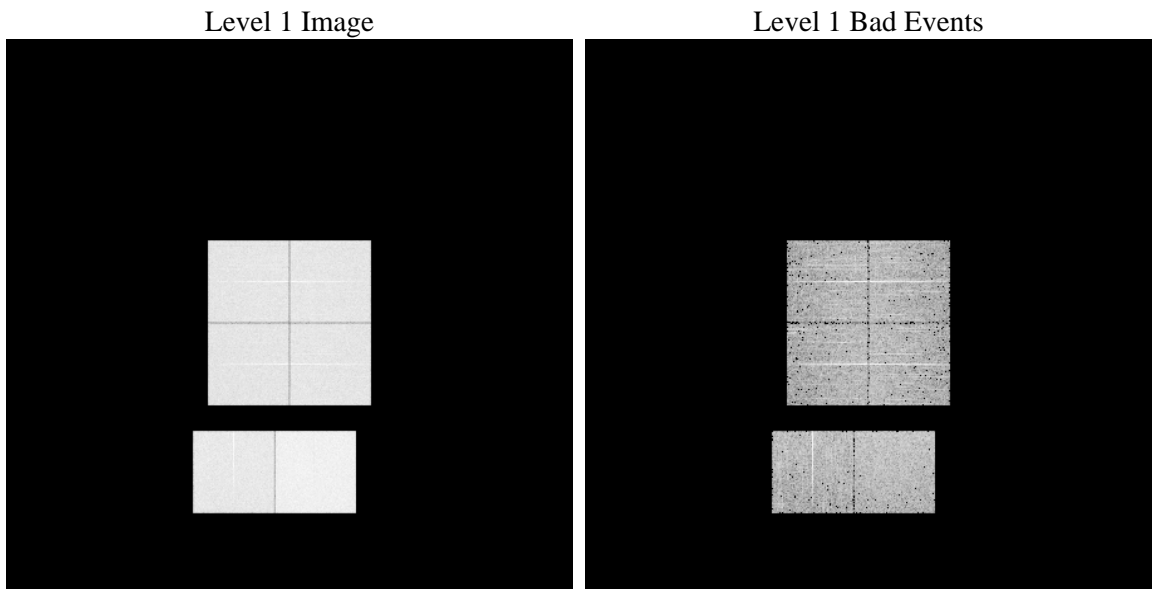
1 Front

seq_num	 	Sequence number
obs_id	60477	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	115.08084309103	Nominal RA [deg]
dec_nom	35.423947953659	Nominal Dec [deg]
roll_nom	90.209899762607	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7812.7142665982	Sum of GTIs [s]
livetime	7713.7849743028	Livetime [s]
ontime0	5490.6219774187	Sum of GTIs [s]
ontime1	5545.7182222903	Sum of GTIs [s]
ontime2	5260.5118121505	Sum of GTIs [s]
ontime3	5368.9782462418	Sum of GTIs [s]
ontime6	5769.3461479545	Sum of GTIs [s]
ontime7	7812.7142665982	Sum of GTIs [s]
l2events	1192516	Number of level 2 events

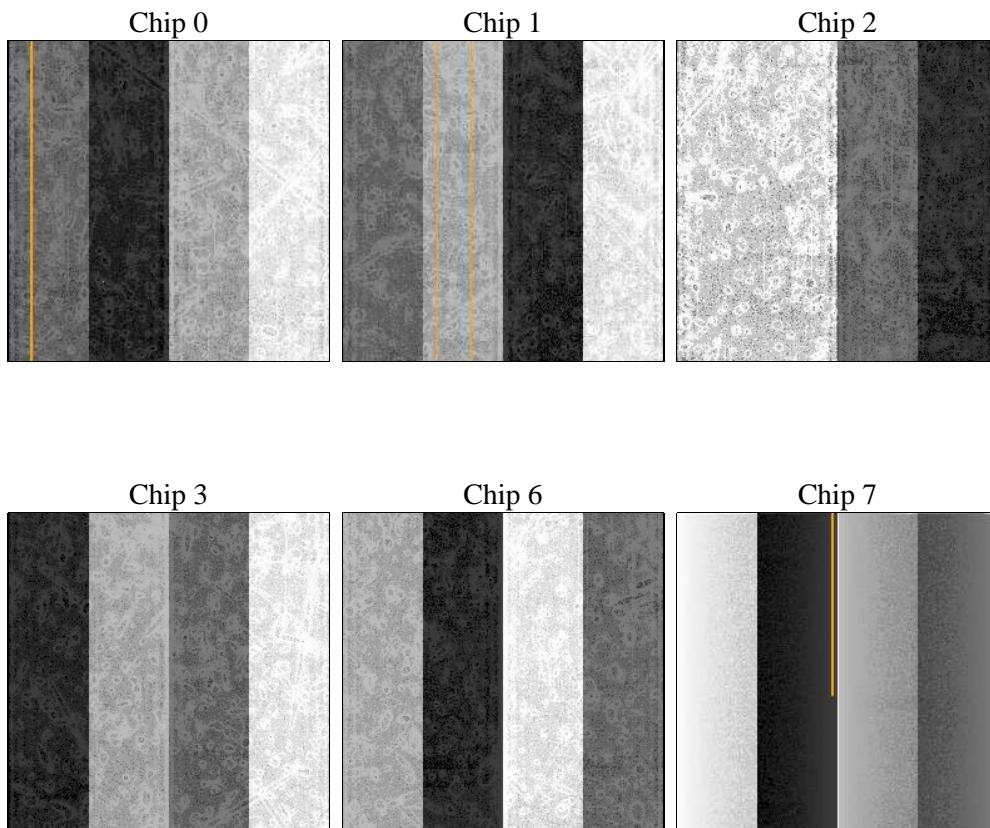
2 OBI

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	7812.7142665982	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5490.6219774187	Sum of GTIs [s]
date	2012-11-08T07:38:00	Date and time of file creation	ontime1	5545.7182222903	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5260.5118121505	Sum of GTIs [s]
			ontime3	5368.9782462418	Sum of GTIs [s]
			ontime6	5769.3461479545	Sum of GTIs [s]
			ontime7	7812.7142665982	Sum of GTIs [s]
			l1events	1421900	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	217452	219814	210286	218215	240634	315499	grade 0 events	105660	105586	103351	106437	115605	71283
rejected events	27048	27670	26416	28711	29287	32852		48%	48%	49%	48%	48%	22%
rejected %	12%	12%	12%	13%	12%	10%	grade 1 events	472	461	520	504	427	175
								0%	0%	0%	0%	0%	0%
							grade 2 events	33129	34323	31009	32376	36338	62428
								15%	15%	14%	14%	15%	19%
							grade 3 events	12355	12289	11893	12175	13083	28754
								5%	5%	5%	5%	5%	9%
							grade 4 events	12084	12144	11937	12395	12994	28628
								5%	5%	5%	5%	5%	9%
							grade 5 events	1983	1999	1877	2058	2204	6305
								0%	0%	0%	0%	0%	1%
							grade 6 events	27176	27925	25802	26121	33453	91554
								12%	12%	12%	11%	13%	29%
							grade 7 events	24593	25087	23897	26149	26530	26372
								11%	11%	11%	11%	11%	8%

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	115.0808430910337	Alternating exposures requested	N	N
[deg] Pointing Dec	0	35.42394795365947	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	90.20989976260709			
[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)	185729569.830098	185729568.80537			
Observation start date	2003-11-20T15:32:50	2003-11-20T15:32:48			
[s] Observation end time (MET)	185749733.630973	185749732.60624			
Observation end date	2003-11-20T21:08:54	2003-11-20T21:08:52			
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)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8127142665982

A.2 Comments