

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57633 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 19 2012

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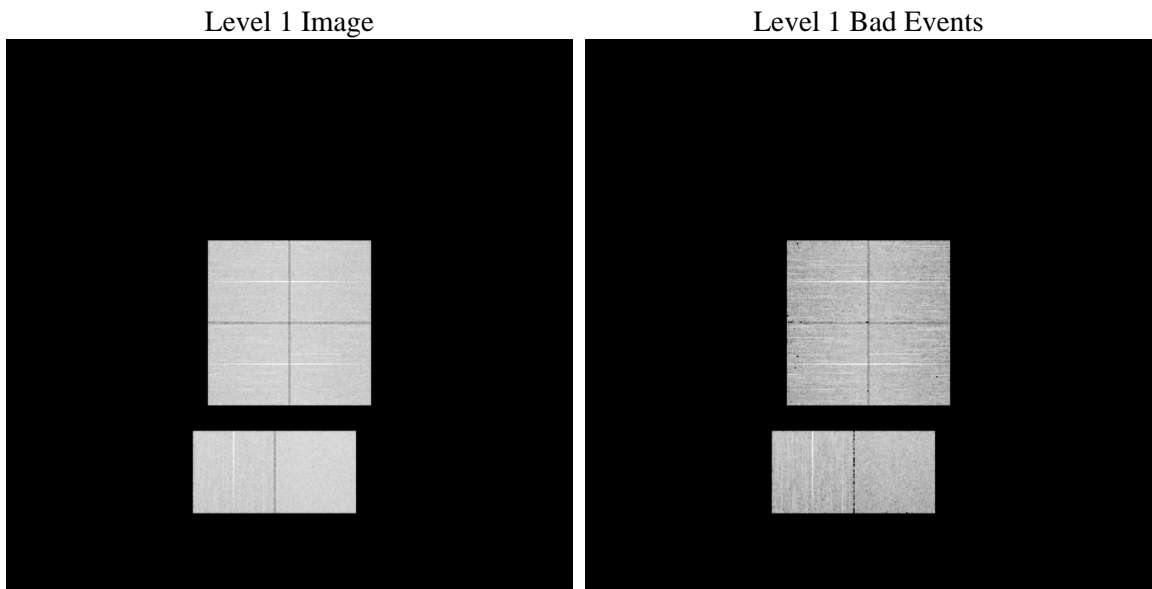
1 Front

seq_num	 	Sequence number
obs_id	57633	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	351.01219308908	Nominal RA [deg]
dec_nom	-29.973265892712	Nominal Dec [deg]
roll_nom	35.601783923835	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime0	7791.9999710321	Sum of GTIs [s]
ontime1	7791.9999710321	Sum of GTIs [s]
ontime2	7791.9999710321	Sum of GTIs [s]
ontime3	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
l2events	533883	Number of level 2 events

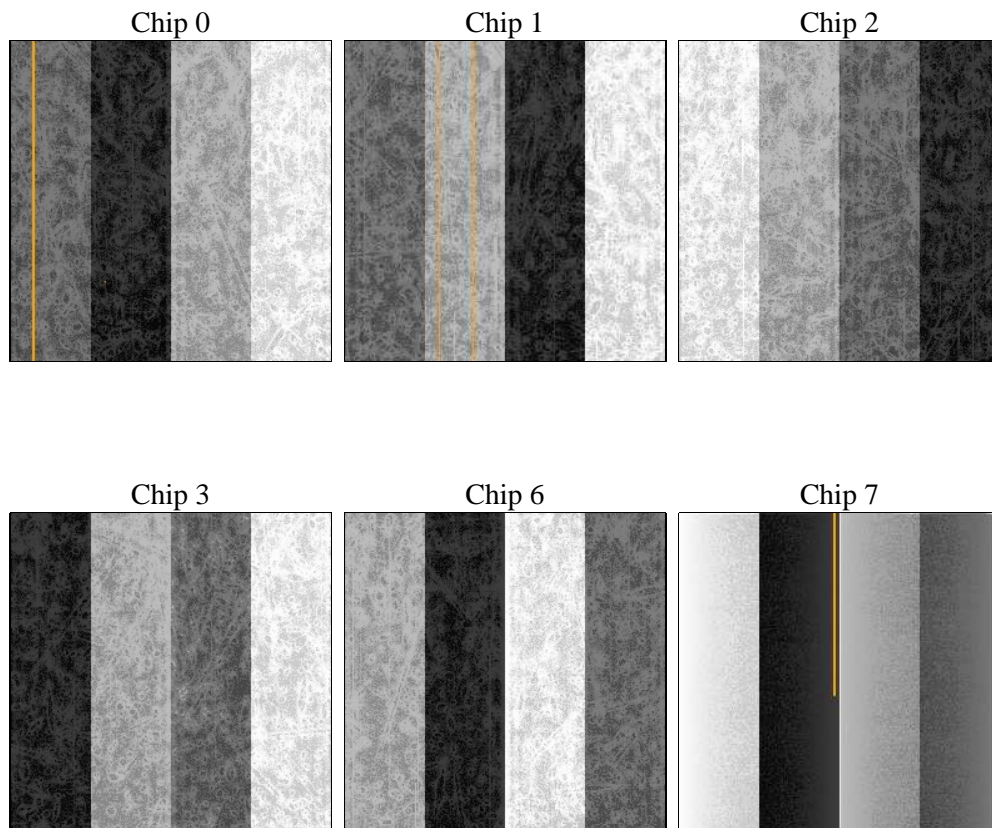
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.9999710321	Sum of GTIs [s]
date	2012-05-20T01:11:18	Date and time of file creation	ontime1	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.9999710321	Sum of GTIs [s]
			ontime3	7791.9999710321	Sum of GTIs [s]
			ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			l1events	973963	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	152835	152506	161080	157785	162395	187362	grade 0 events	47095	46260	48084	48533	47666	24338
rejected events	65813	65311	73401	70100	71694	64063		30%	30%	29%	30%	29%	12%
rejected %	43%	42%	45%	44%	44%	34%	grade 1 events	317	276	383	405	319	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	15602	16282	15043	15162	16228	26842
								10%	10%	9%	9%	9%	14%
							grade 3 events	5899	5770	5939	5935	5822	11777
								3%	3%	3%	3%	3%	6%
							grade 4 events	5608	5780	5950	5833	5980	11614
								3%	3%	3%	3%	3%	6%
							grade 5 events	3776	3915	3394	4394	4077	10645
								2%	2%	2%	2%	2%	5%
							grade 6 events	12861	13135	12706	12255	15040	48776
								8%	8%	7%	7%	9%	26%
							grade 7 events	61677	61088	69581	65268	67263	53203
								40%	40%	43%	41%	41%	28%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	351.0121930890781	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-29.97326589271184	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	35.60178392383529	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	336291543.187057	336291542.16206			
Observation start date	2008-08-28T06:19:03	2008-08-28T06:19:02			
[s] Observation end time (MET)	336308228.137876	336308227.11288			
Observation end date	2008-08-28T10:57:08	2008-08-28T10:57:07			
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)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments