

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61110 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

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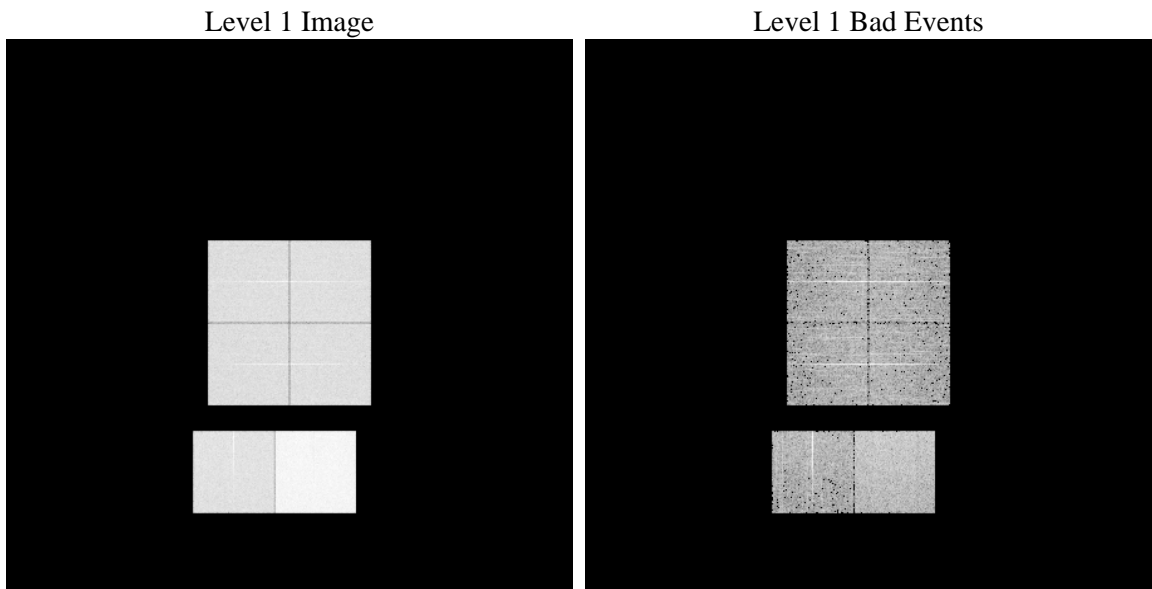
1 Front

seq_num	 	Sequence number
obs_id	61110	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	211.00659498175	Nominal RA [deg]
dec_nom	11.972137562076	Nominal Dec [deg]
roll_nom	250.19549085122	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime0	3545.6641712189	Sum of GTIs [s]
ontime1	3620.2330208421	Sum of GTIs [s]
ontime2	3383.638735503	Sum of GTIs [s]
ontime3	3513.8760872483	Sum of GTIs [s]
ontime6	3805.4681486785	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
l2events	1217557	Number of level 2 events

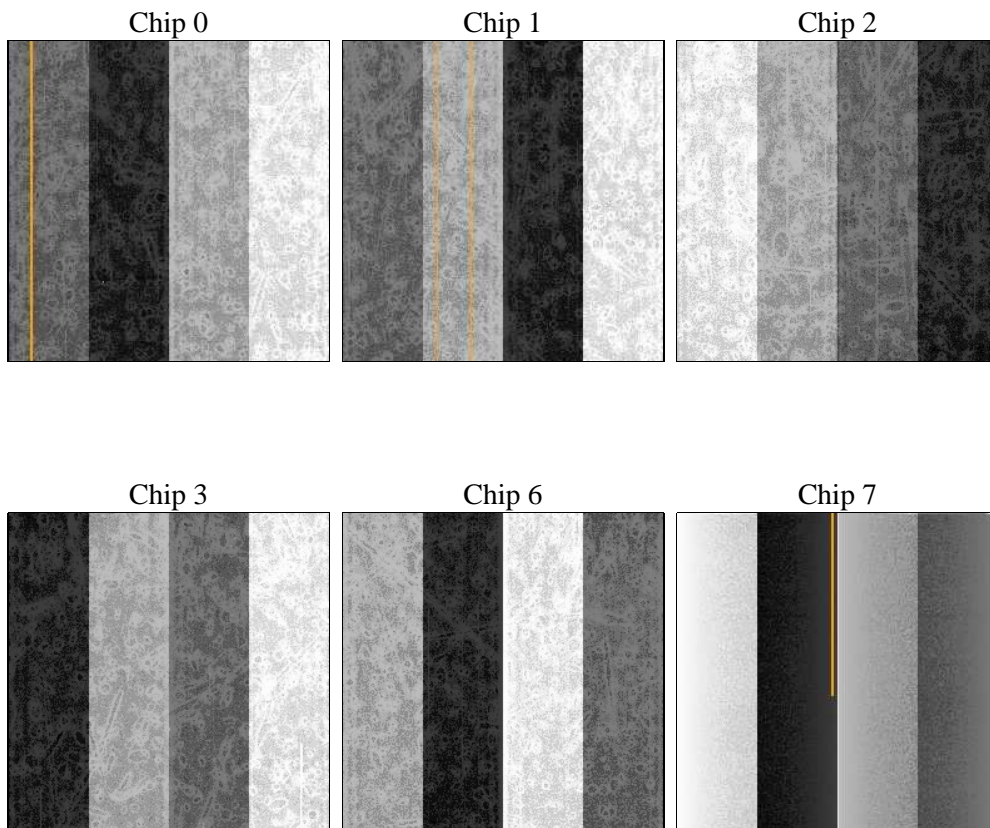
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3545.6641712189	Sum of GTIs [s]
date	2012-10-12T02:44:50	Date and time of file creation	ontime1	3620.2330208421	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3383.638735503	Sum of GTIs [s]
			ontime3	3513.8760872483	Sum of GTIs [s]
			ontime6	3805.4681486785	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			l1events	1436766	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	195407	199428	189605	195825	220172	436329	grade 0 events	93984	96028	91277	95671	105360	100290
rejected events	24466	25118	24892	24501	26639	40913		48%	48%	48%	48%	47%	22%
rejected %	12%	12%	13%	12%	12%	9%	grade 1 events	478	455	475	524	487	265
								0%	0%	0%	0%	0%	0%
							grade 2 events	30043	31020	29465	30091	33719	88254
								15%	15%	15%	15%	15%	20%
							grade 3 events	10961	11027	10363	10879	12004	40009
								5%	5%	5%	5%	5%	9%
							grade 4 events	11084	11212	10342	10955	11961	39913
								5%	5%	5%	5%	5%	9%
							grade 5 events	1741	1725	1548	1795	1998	8197
								0%	0%	0%	0%	0%	1%
							grade 6 events	24869	25023	23266	23889	30645	127105
								12%	12%	12%	12%	13%	29%
							grade 7 events	22247	22938	22869	22021	23998	32296
								11%	11%	12%	11%	10%	7%

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	211.0065949817516	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.97213756207643	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	250.1954908512194			
[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)	143692270.109	143692269.08383			
Observation start date	2002-07-22T02:31:10	2002-07-22T02:31:09			
[s] Observation end time (MET)	143728419.81	143728418.78532			
Observation end date	2002-07-22T12:33:40	2002-07-22T12:33:38			
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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments