

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61183 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 8 2012

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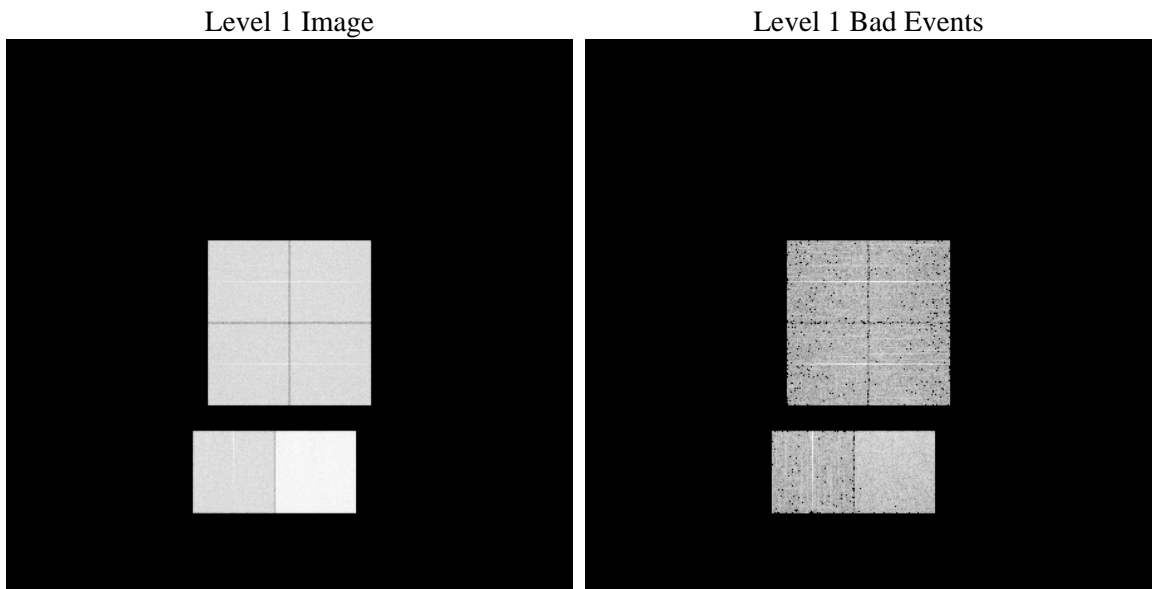
1 Front

seq_num	 	Sequence number
obs_id	61183	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	351.97528464762	Nominal RA [deg]
dec_nom	-11.484760279832	Nominal Dec [deg]
roll_nom	115.01983941897	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7784.104519695	Sum of GTIs [s]
livetime	7685.5375012416	Livetime [s]
ontime0	3036.8509364426	Sum of GTIs [s]
ontime1	3098.4299089611	Sum of GTIs [s]
ontime2	2910.4512429535	Sum of GTIs [s]
ontime3	2942.1194180846	Sum of GTIs [s]
ontime6	3108.1536070406	Sum of GTIs [s]
ontime7	7784.104519695	Sum of GTIs [s]
l2events	1233963	Number of level 2 events

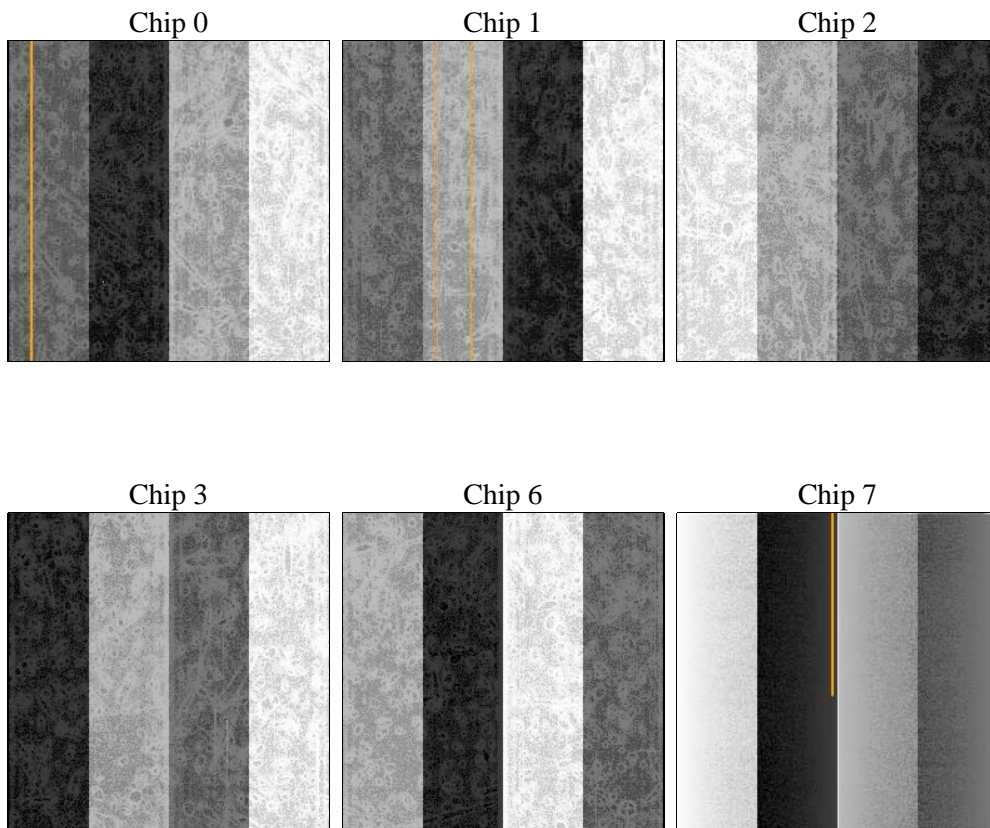
2 OBI

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	8.4.5	Processing system revision	ontime	7784.104519695	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3036.8509364426	Sum of GTIs [s]
date	2012-10-08T11:08:12	Date and time of file creation	ontime1	3098.4299089611	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2910.4512429535	Sum of GTIs [s]
			ontime3	2942.1194180846	Sum of GTIs [s]
			ontime6	3108.1536070406	Sum of GTIs [s]
			ontime7	7784.104519695	Sum of GTIs [s]
			l1events	1451245	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	190147	194547	183473	188829	206679	487570	grade 0 events	90390	92720	87654	89605	96456	113399
rejected events	23796	23353	23764	25327	26478	42822		47%	47%	47%	47%	46%	23%
rejected %	12%	12%	12%	13%	12%	8%	grade 1 events	498	506	516	526	589	285
								0%	0%	0%	0%	0%	0%
							grade 2 events	29044	30245	28133	28776	30697	96768
								15%	15%	15%	15%	14%	19%
							grade 3 events	10497	10767	9980	10418	11036	43544
								5%	5%	5%	5%	5%	8%
							grade 4 events	10585	10901	9998	10334	10982	42878
								5%	5%	5%	5%	5%	8%
							grade 5 events	1619	1630	1520	1646	1853	8495
								0%	0%	0%	0%	0%	1%
							grade 6 events	25835	26561	23944	24369	31030	148159
								13%	13%	13%	12%	15%	30%
							grade 7 events	21679	21217	21728	23155	24036	34042
								11%	10%	11%	12%	11%	6%

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	351.9752846476202	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.48476027983179	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	115.0198394189738			
[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)	138898055.862186	138898054.83744			
Observation start date	2002-05-27T14:47:36	2002-05-27T14:47:34			
[s] Observation end time (MET)	138909642.462659	138909641.43791			
Observation end date	2002-05-27T18:00:42	2002-05-27T18:00:41			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.784104519695

A.2 Comments