

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61594 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 17 2012

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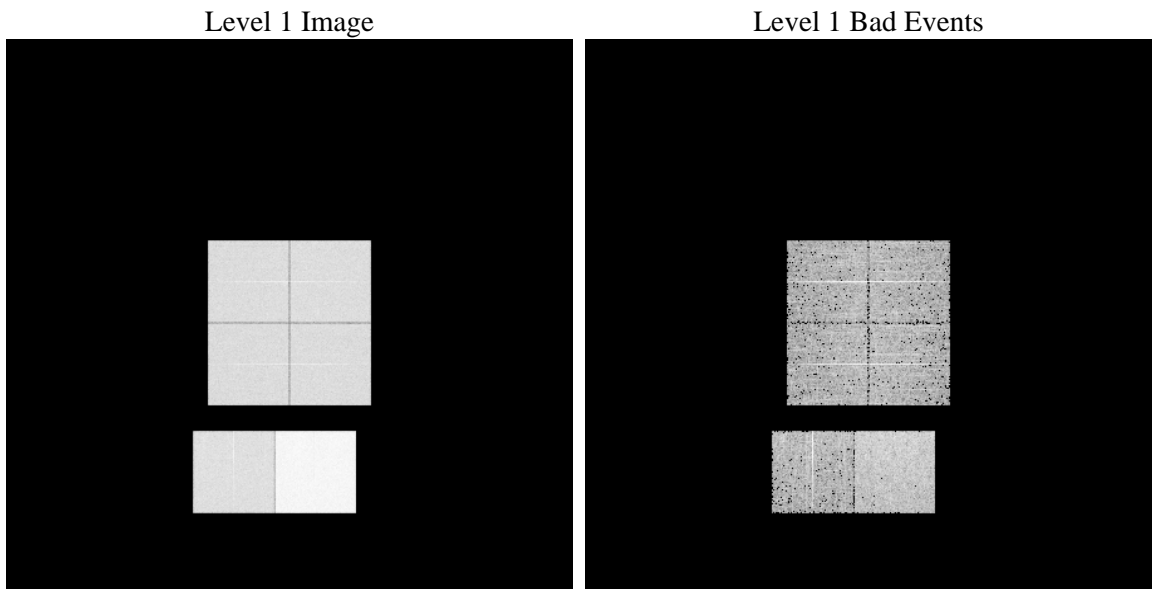
1 Front

seq_num	 	Sequence number
obs_id	61594	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	279.97505485536	Nominal RA [deg]
dec_nom	-15.484187035793	Nominal Dec [deg]
roll_nom	113.7819816883	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7134.1269229203	Sum of GTIs [s]
livetime	7043.7903121668	Livetime [s]
ontime0	2878.0404722542	Sum of GTIs [s]
ontime1	2953.1765034944	Sum of GTIs [s]
ontime2	2774.3275711983	Sum of GTIs [s]
ontime3	2787.2916912287	Sum of GTIs [s]
ontime6	3060.0476666242	Sum of GTIs [s]
ontime7	7134.1269229203	Sum of GTIs [s]
l2events	1344006	Number of level 2 events

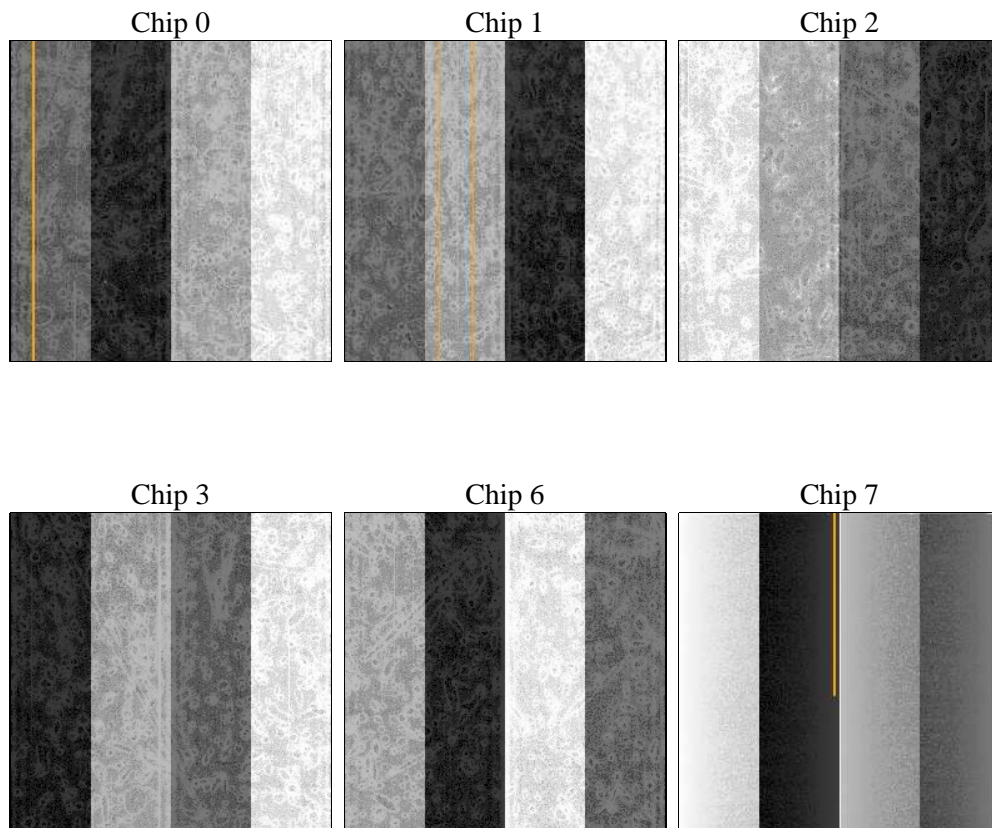
2 OBI

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	7134.1269229203	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2878.0404722542	Sum of GTIs [s]
date	2012-09-17T22:32:04	Date and time of file creation	ontime1	2953.1765034944	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2774.3275711983	Sum of GTIs [s]
			ontime3	2787.2916912287	Sum of GTIs [s]
			ontime6	3060.0476666242	Sum of GTIs [s]
			ontime7	7134.1269229203	Sum of GTIs [s]
			l1events	1549069	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	204061	209275	199367	202373	227828	506165	grade 0 events	100754	103311	99276	100414	111262	119140
rejected events	21299	21826	21514	22912	23265	37798		49%	49%	49%	49%	48%	23%
rejected %	10%	10%	10%	11%	10%	7%	grade 1 events	502	545	508	572	612	316
								0%	0%	0%	0%	0%	0%
							grade 2 events	32361	32940	31030	31104	35299	103624
								15%	15%	15%	15%	15%	20%
							grade 3 events	11561	11968	11136	11499	12721	48015
								5%	5%	5%	5%	5%	9%
							grade 4 events	11282	12088	11198	11470	12594	47409
								5%	5%	5%	5%	5%	9%
							grade 5 events	1587	1651	1501	1590	1759	8043
								0%	0%	0%	0%	0%	1%
							grade 6 events	26804	27349	25213	24974	32898	150364
								13%	13%	12%	12%	14%	29%
							grade 7 events	19210	19423	19505	20750	20683	29254
								9%	9%	9%	10%	9%	5%

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	279.9750548553594	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-15.48418703579322	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	113.7819816882968			
[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)	108545192.692918	108545191.92444			
Observation start date	2001-06-10T07:26:33	2001-06-10T07:26:31			
[s] Observation end time (MET)	108566502.443739	108566501.67527			
Observation end date	2001-06-10T13:21:42	2001-06-10T13:21:41			
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)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1341269229203

A.2 Comments