

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62168 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 22 2012

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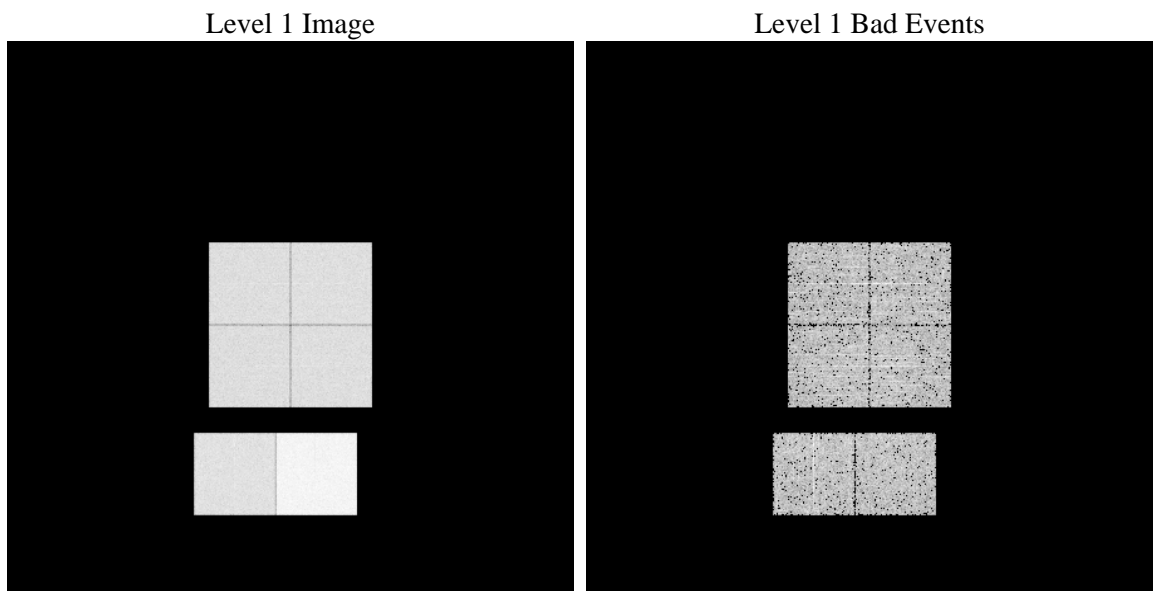
1 Front

seq_num	 	Sequence number
obs_id	62168	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	108.03059994984	Nominal RA [deg]
dec_nom	-25.008974856825	Nominal Dec [deg]
roll_nom	310.30799678705	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3303.3079922497	Sum of GTIs [s]
livetime	3289.6708114314	Livetime [s]
ontime0	1560.7411850393	Sum of GTIs [s]
ontime1	1603.2814521715	Sum of GTIs [s]
ontime2	1501.0952143148	Sum of GTIs [s]
ontime3	1543.7174218297	Sum of GTIs [s]
ontime6	1643.2097721472	Sum of GTIs [s]
ontime7	3303.3079922497	Sum of GTIs [s]
l2events	919023	Number of level 2 events

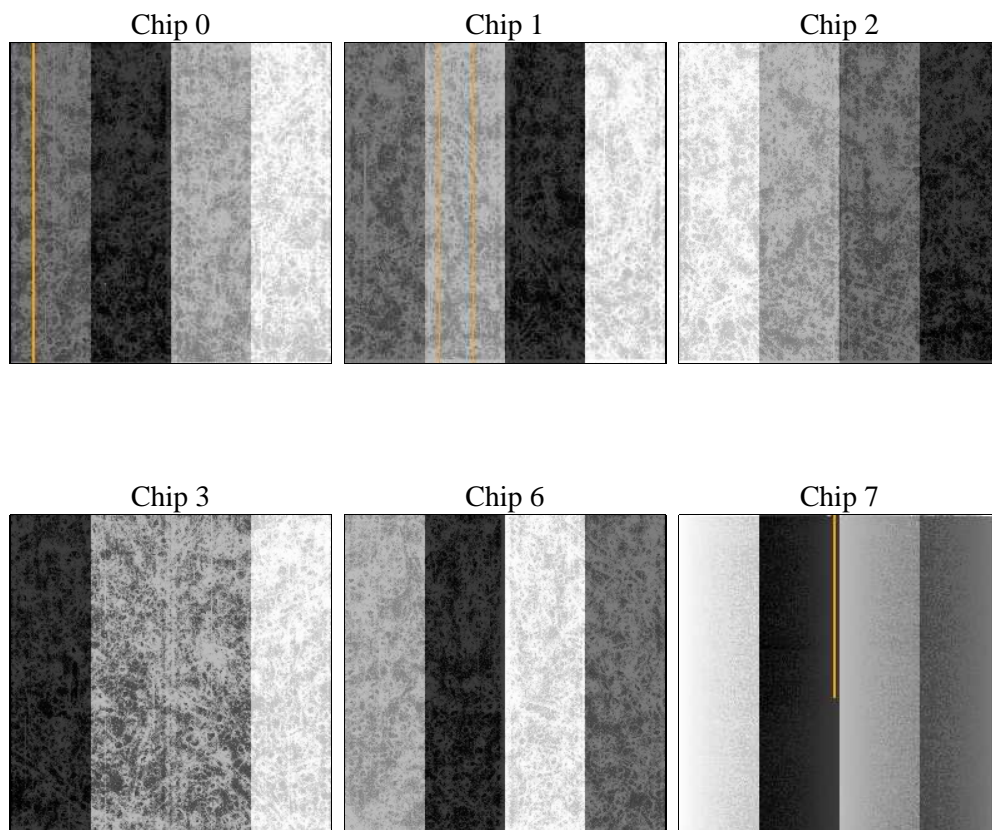
2 OBI

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	3303.3079922497	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1560.7411850393	Sum of GTIs [s]
date	2012-08-22T19:05:29	Date and time of file creation	ontime1	1603.2814521715	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1501.0952143148	Sum of GTIs [s]
			ontime3	1543.7174218297	Sum of GTIs [s]
			ontime6	1643.2097721472	Sum of GTIs [s]
			ontime7	3303.3079922497	Sum of GTIs [s]
			l1events	1054538	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	143803	148285	140577	145141	160079	316653	grade 0 events	70204	72919	68802	72033	77595	79005
rejected events	15193	15881	16230	16321	17014	16012		48%	49%	48%	49%	48%	24%
rejected %	10%	10%	11%	11%	10%	5%	grade 1 events	943	915	896	913	970	414
								0%	0%	0%	0%	0%	0%
							grade 2 events	22431	23390	21688	22420	24745	67772
								15%	15%	15%	15%	15%	21%
							grade 3 events	8266	8618	7861	8497	9101	30943
								5%	5%	5%	5%	5%	9%
							grade 4 events	8244	8576	7959	8301	9180	30866
								5%	5%	5%	5%	5%	9%
							grade 5 events	1442	1580	1514	1481	1678	4262
								1%	1%	1%	1%	1%	1%
							grade 6 events	19465	19738	18037	18389	23290	92976
								13%	13%	12%	12%	14%	29%
							grade 7 events	12808	12549	13820	13107	13520	10415
								8%	8%	9%	9%	8%	3%

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	108.0305999498356	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.00897485682546	[s] Primary exposure time	0.000000	9.9
[deg] Pointing Roll	0.0	310.3079967870514			
[mm] SIM focus pos	-0.782348	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	66922813.119	66922812.350388			
Observation start date	2000-02-14T13:40:13	2000-02-14T13:40:12			
[s] Observation end time (MET)	66931277.569	66931276.800696			
Observation end date	2000-02-14T16:01:18	2000-02-14T16:01:16			
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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3033079922497

A.2 Comments