

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61251 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 4 2012

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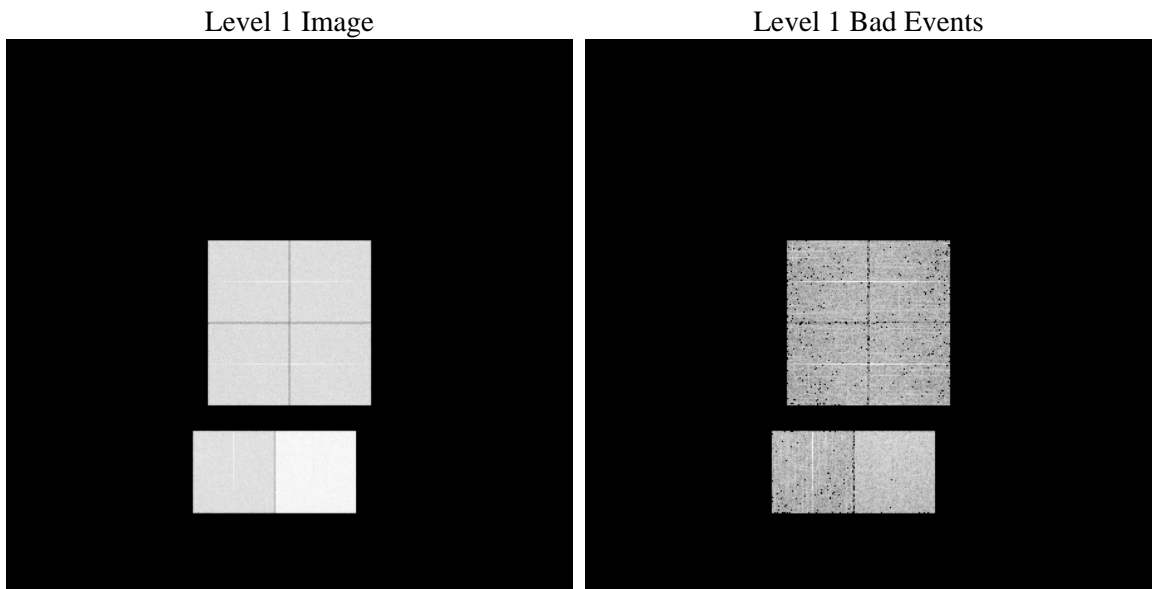
1 Front

seq_num	 	Sequence number
obs_id	61251	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	126.0209148594	Nominal RA [deg]
dec_nom	-23.02117225045	Nominal Dec [deg]
roll_nom	279.50760408468	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8464.0000078678	Sum of GTIs [s]
livetime	8356.8237433592	Livetime [s]
ontime0	3493.1788686663	Sum of GTIs [s]
ontime1	3560.4022288322	Sum of GTIs [s]
ontime2	3424.2801237404	Sum of GTIs [s]
ontime3	3486.6152666211	Sum of GTIs [s]
ontime6	3720.1740010381	Sum of GTIs [s]
ontime7	8464.0000078678	Sum of GTIs [s]
l2events	1335729	Number of level 2 events

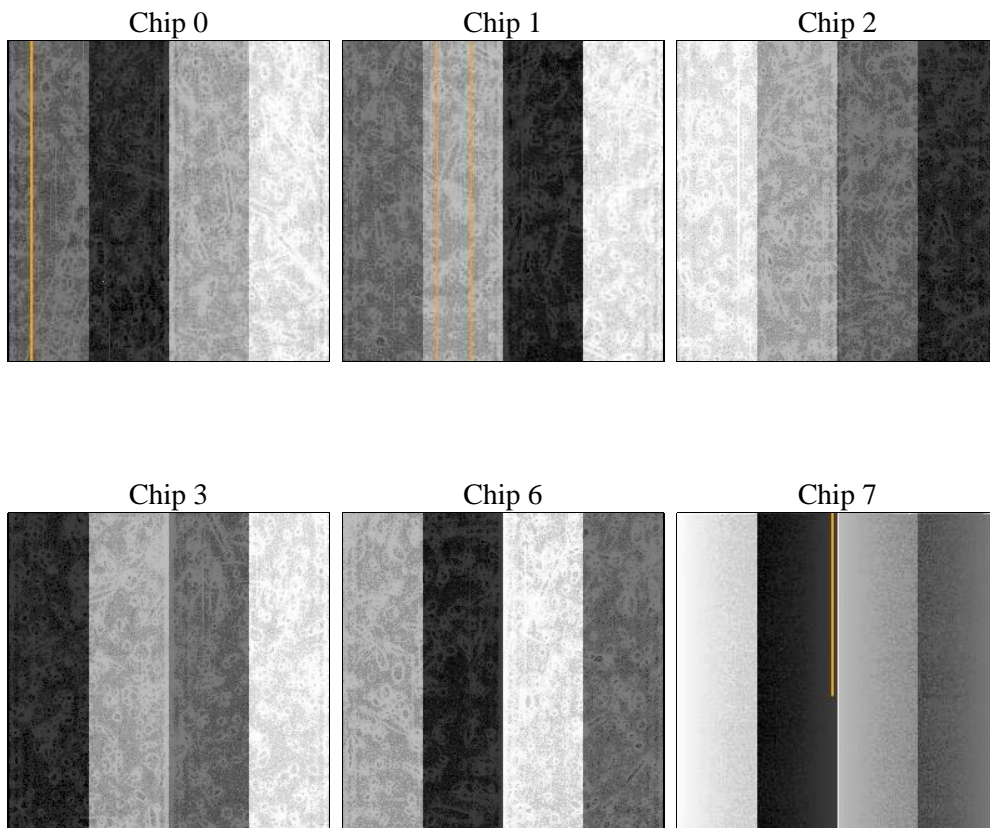
2 OBI

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	8464.0000078678	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3493.1788686663	Sum of GTIs [s]
date	2012-10-04T17:48:26	Date and time of file creation	ontime1	3560.4022288322	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3424.2801237404	Sum of GTIs [s]
			ontime3	3486.6152666211	Sum of GTIs [s]
			ontime6	3720.1740010381	Sum of GTIs [s]
			ontime7	8464.0000078678	Sum of GTIs [s]
			l1events	1561657	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	206224	210184	203486	208542	231261	501960	grade 0 events	99525	102248	99833	102361	111026	116674
rejected events	25006	24562	24216	25494	27431	42835		48%	48%	49%	49%	48%	23%
rejected %	12%	11%	11%	12%	11%	8%	grade 1 events	472	545	508	496	521	293
								0%	0%	0%	0%	0%	0%
							grade 2 events	32038	33069	31607	32115	35372	101531
								15%	15%	15%	15%	15%	20%
							grade 3 events	11489	11604	11228	11612	12383	46621
								5%	5%	5%	5%	5%	9%
							grade 4 events	11678	11541	11293	11531	12717	46084
								5%	5%	5%	5%	5%	9%
							grade 5 events	1663	1694	1673	1729	2037	8736
								0%	0%	0%	0%	0%	1%
							grade 6 events	26766	27160	25309	25545	32397	148215
								12%	12%	12%	12%	14%	29%
							grade 7 events	22593	22323	22035	23153	24808	33806
								10%	10%	10%	11%	10%	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	126.0209148593979	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.0211722504498	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	279.5076040846822			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	133675272.443	133675271.67481			
Observation start date	2002-03-28T04:01:12	2002-03-28T04:01:11			
[s] Observation end time (MET)	133696582.194	133696581.42568			
Observation end date	2002-03-28T09:56:22	2002-03-28T09:56:21			
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)	2012.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4640000078678

A.2 Comments