

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59832 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 16 2012

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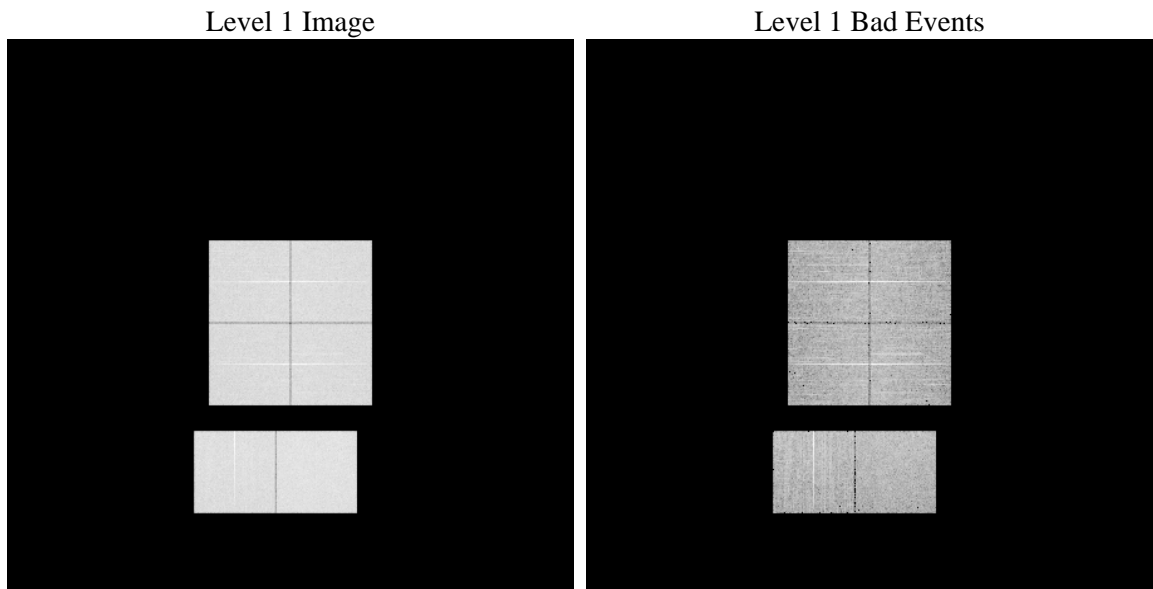
1 Front

seq_num	 	Sequence number
obs_id	59832	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	79.894797746793	Nominal RA [deg]
dec_nom	35.173833549581	Nominal Dec [deg]
roll_nom	249.9838171993	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7964.1998667717	Sum of GTIs [s]
livetime	7863.3523725932	Livetime [s]
ontime0	7024.2788105309	Sum of GTIs [s]
ontime1	7175.5873996913	Sum of GTIs [s]
ontime2	6774.6418395638	Sum of GTIs [s]
ontime3	6920.6496128738	Sum of GTIs [s]
ontime6	7319.0831394196	Sum of GTIs [s]
ontime7	7964.1998667717	Sum of GTIs [s]
l2events	1093301	Number of level 2 events

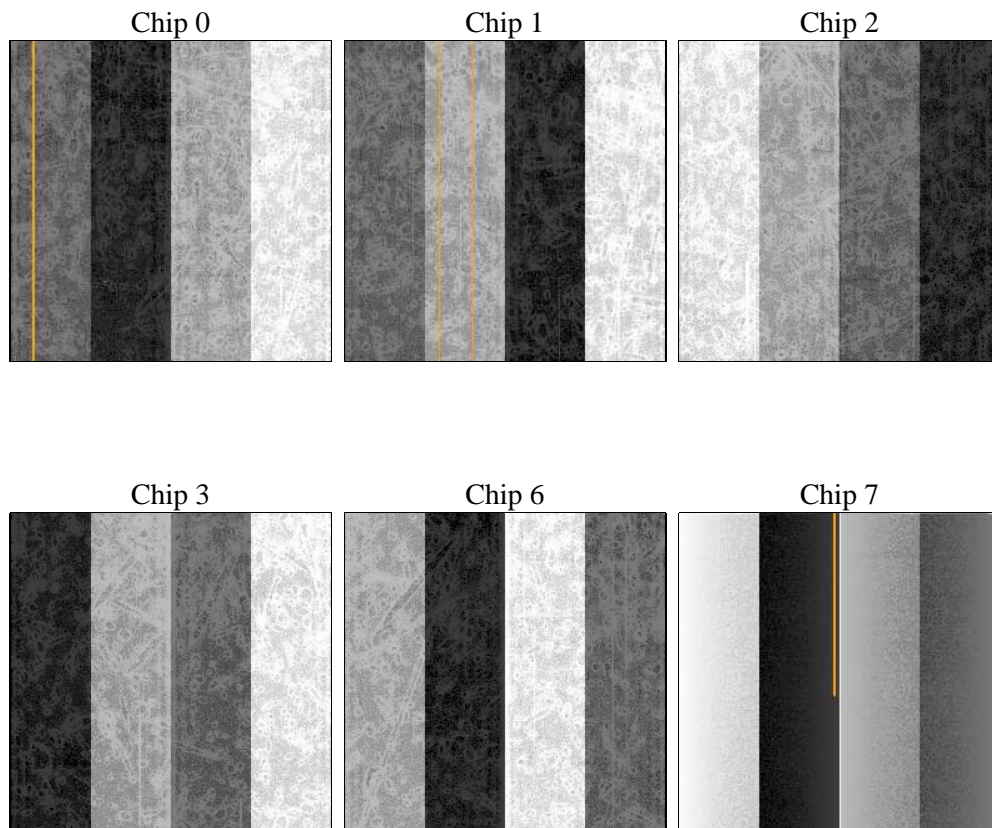
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3600	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	7964.1998667717	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	7024.2788105309	Sum of GTIs [s]
date	2012-12-16T15:37:34	Date and time of file creation	ontime1	7175.5873996913	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	6774.6418395638	Sum of GTIs [s]
			ontime3	6920.6496128738	Sum of GTIs [s]
			ontime6	7319.0831394196	Sum of GTIs [s]
			ontime7	7964.1998667717	Sum of GTIs [s]
			l1events	1455211	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	230415	234178	226153	232200	253713	278552	grade 0 events	101030	102538	100288	102623	108418	55488
rejected events	49557	48965	49432	51963	55894	50202		43%	43%	44%	44%	42%	19%
rejected %	21%	20%	21%	22%	22%	18%	grade 1 events	553	557	644	611	522	158
								0%	0%	0%	0%	0%	0%
							grade 2 events	31950	33592	30161	31267	34776	50637
								13%	14%	13%	13%	13%	18%
							grade 3 events	11874	12005	11684	11854	12509	22663
								5%	5%	5%	5%	4%	8%
							grade 4 events	11958	11975	11903	11769	12521	22912
								5%	5%	5%	5%	4%	8%
							grade 5 events	2988	3029	2812	3144	3334	8409
								1%	1%	1%	1%	1%	3%
							grade 6 events	26545	27442	25138	25068	32329	79612
								11%	11%	11%	10%	12%	28%
							grade 7 events	43517	43040	43523	45864	49304	38673
								18%	18%	19%	19%	19%	13%

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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	79.89480568707546	79.89479774679299	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.17385411394137	35.17383354958132	Alternating exposures requested	N	N
[deg] Pointing Roll	249.983814888834	249.9838171993029	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	223017267.481358	223017267.481358			
Observation start date	2005-01-25T05:46:00	2005-01-25T05:14:27			
[s] Observation end time (MET)	223030603.715509	223030603.715509			
Observation end date	2005-01-25T06:46:00	2005-01-25T08:56:43			
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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9641998667717

A.2 Comments